PRESQUE ISLE INTERNATIONAL AIRPORT

DESIGN TEAM:

ARCHITECTURE:	CIVIL:	STRUCTURAL:	MECHANICAL:	ELECTRICAL:	PLUMBING:	FIRE PROTECTION:	FIRE ALARM:
AECOM ONE FEDERAL ST, 8TH FL BOSTON, MA 02110 617.723.1700	**HOYLE TANNER** 285 BILLERICA RD, #203 CHELMSFORD, MA 01824 978.296.4433	**AECOM** ONE FEDERAL ST, 8TH FL BOSTON, MA 02110 617.723.1700	**AECOM** 1360 PEACHTREE ST NE, #300 ATLANTA, GA 30309 404.815.8959	**AECOM** 1360 PEACHTREE ST NE, #300 ATLANTA, GA 30309 404.815.8959	**AECOM** 1360 PEACHTREE ST NE, #300 ATLANTA, GA 30309 404.815.8959	**AECOM** 3101 WILSON BLVD, #900 ARLINGTON, VA 22201 703.682.4900	**AECOM** 3101 WILSON BLVD, #900 ARLINGTON, VA 22201 703.682.4900
TELECOM:	A/V, PAGING:	SECURITY SYSTEMS:	BAGGAGE SYSTEMS:	SPECIFICATIONS:	CODE / LIFE SAFETY:	GEOTECHNICAL:	LANDSCAPE:
AECOM 10 SOUTH JEFFERSON ST ROANOKE, VA 24011 540.857.3100	**AECOM** 500 WEST JEFFERSON ST LOUISVILLE, KY 40202 502.569.2301	**AECOM** ONE FEDERAL ST, 8TH FL BOSTON, MA 02110 617.723.1700	**AECOM** 717 17TH ST, #1650 DENVER, CO 80202 303.228.3000	**KALIN ASSOCIATES** 21 ELIOT ST NATICK, MA 01760 617.964.5477	**CODE RED** 154 TURNPIKE RD, #200 SOUTHBOROUGH, MA 01772 617.500.7633	**S.W. COLE ENGINEERING** 37 LIBERTY DR BANGOR, ME 04401 207.848.5714	**HOYLE TANNER** 150 DOW STREET MANCHESTER, NH 603.669.5555

PASSENGER TERMINAL PROJECT

650 AIRPORT DRIVE, PRESQUE ISLE, ME 04769

APPROVED **BERNARD CHRISTOPHER, RA** DATE **06/05/2024**

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

BID DOCUMENTS
06/05/2024
PROJECT NUMBER: 60693900

HOYLE TANNER AECOM

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G0.003 - INTERIOR LANDSIDE RENDERINGS
G0.004 - INTERIOR AIRSIDE RENDERINGS

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LS0.001 - CODE SUMMARY
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SE-600 - SECURITY SCHEDULES -1 OF 2
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SE-800 - SECURITY -LINE DIAGRAMS -ACS
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W1.001 - SIGN LOCATION PLAN -EXTERIOR AND SITE
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W8.005 - SIGN DETAILS -WALL GRAPHIC -TICKETING / RENTAL CAR AREA
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W9.001 - SIGN SCHEDULE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SHEET INDEX
BID DOCUMENTS

DISCIPLINE:
GENERAL

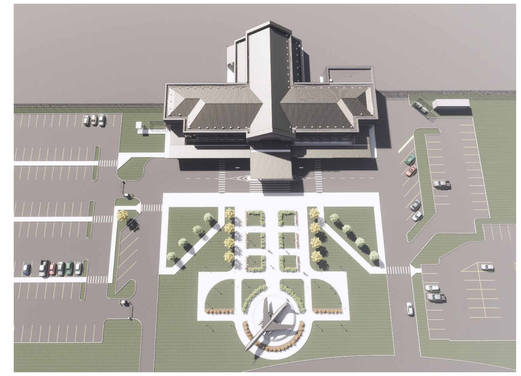
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
G0.001

EXTERIOR RENDERING - LANDSIDE - NORTH EAST CORNER

SOUTH



NORTH

EXTERIOR RENDERING - AIRSIDE

EXTERIOR RENDERING - LANDSIDE - FRONT ENTRY

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR RENDERINGS
BID DOCUMENTS

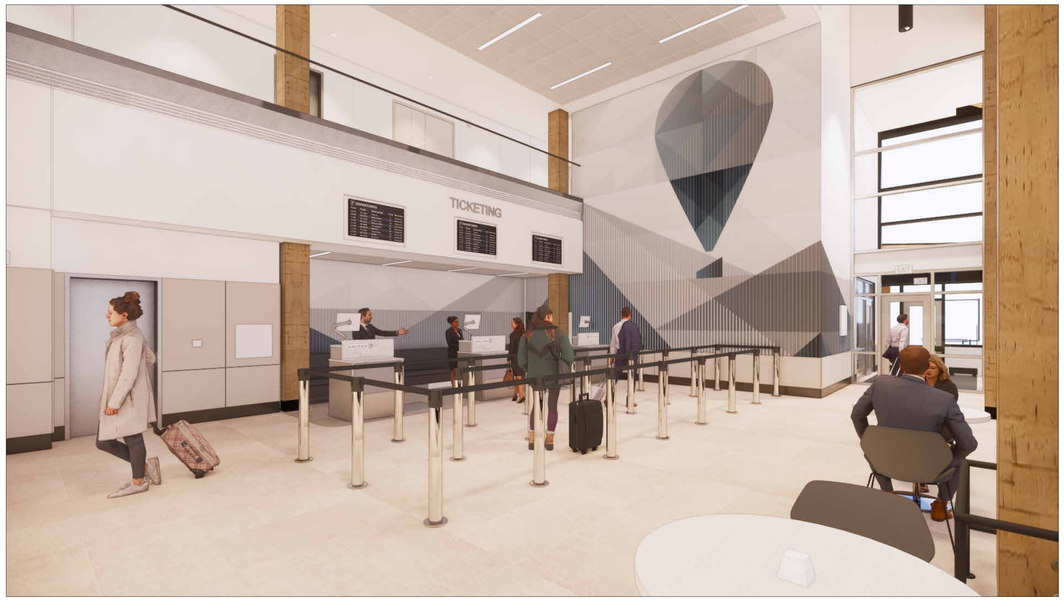
DISCIPLINE:
GENERAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
G0.002

INTERIOR RENDERING - LANDSIDE - MAIN ENTRANCE AND SECURITY CHECKPOINT PORTAL



INTERIOR RENDERING - LANDSIDE - TICKETING AREA

INTERIOR RENDERING - LANDSIDE - LANDSIDE SEATING AND BAGGAGE AREA

INTERIOR RENDERING - LANDSIDE - LANDSIDE SEATING AND BAGGAGE AREA

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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KEY PLAN:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR LANDSIDE RENDERINGS

BID DOCUMENTS

DISCIPLINE:
GENERAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE:	DATE:
AS NOTED	06/05/2024

SHEET NUMBER:
G0.003

INTERIOR RENDERING - AIRSIDE - GATE HOLDROOM

INTERIOR RENDERING - AIRSIDE - GATE HOLDROOM

INTERIOR RENDERING - AIRSIDE - GATE BOARDING

INTERIOR RENDERING - AIRSIDE - POST SECURITY & EXIT LANE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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KEY PLAN:

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REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

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INTERIOR AIRSIDE RENDERINGS

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DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
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Introduction

AECOM has retained Code Red Consultants to provide fire protection and life safety code consulting services for the new Presque Isle Terminal project located in Presque Isle, Maine. The project consists of the construction of a new two-story airport terminal building with a maximum floor area of 22,600 square feet. The First Floor includes ticketing areas, a security checkpoint, a passenger boarding bridge and associated hold room, baggage claim/storage/screening areas, concessions, and administrative spaces. The Second Floor includes additional administrative spaces, conference rooms, and service/support areas.

The primary intent of this document is to (1) coordinate the fire protection and life safety approach between all design disciplines, (2) demonstrate building, fire and life safety code compliance to the Authorities Having Jurisdiction, and (3) serve as a record document for the building owner. Details of compliance are left to the construction documents and the contractors. This report is intended to address code requirements as enforced by Authorities Having Jurisdiction only. It is the responsibility of the design team to ensure that any owner or insurance carrier requirements, which may exceed the provisions of the applicable codes and standards, are met.

Applicable Codes

The current codes adopted in the State of Maine, as incorporated by the City of Presque Isle Ordinances, are identified below.

Building	Maine Uniform Building Code (MUBC), referenced by the Maine Uniform Building and Energy Code (MUBEC) Chapter 3, which is an amended version of the 2015 International Building Code (IBC)
Fire	2018 Edition of NFPA 1, *Fire Code* as adopted by the Rules of the State Fire Marshal Chapter 3
Life Safety	2018 Edition of NFPA 101, *Life Safety Code* (LSC) as adopted and amended by the Rules of the State Fire Marshal Chapter 20
Accessibility	2009 ICC A117.1, Accessible and Usable Buildings and Facilities
	2010 ADA Standards for Accessible Design
Plumbing	Maine State Plumbing Code which adopts and amends the 2021 Uniform Plumbing Code (UPC)
Mechanical	2015 International Mechanical Code (IMC) as adopted and amended by MUBEC Chapter 7.
	2016 ASHRAE 62.1, Ventilation for Acceptable Indoor Air Quality
Electrical	2020 NFPA 70, National Electric Code
Energy	Maine Uniform Energy Code (MUEC), referenced by the MUBEC Chapter 6, which an amended version of the 2015 International Energy Conservation Code (IECC)
Elevator	Maine Elevator & Tramway Rules & Laws which adopts and amends the 2013 Edition of AMSE A17.1, Safety Code for Elevators and Escalators.
Transportation	2016 Edition of NFPA 415, Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways
Other	National Fire Protection Association (NFPA) Standards, as referenced by the above codes.

Fire Protection / Life Safety Code Analysis

The following sections document the code compliance analysis associated with the new construction project in accordance with the major fire protection and life safety requirements associated with applicable building codes and standards identified in the "Applicable Codes" Section of this document.

Use and Occupancy Classifications

Primary Occupancies

The following table includes the primary occupancy classifications within the building (MUBC 302; NFPA 101, 6.1.1).

Primary Occupancy Groups			
Description	**MUBC Classification**	**NFPA 101 Classification**	**Floor Level**
Waiting Areas, Concourse, Baggage Claim, Security Screening/ Holding Areas/ Checkpoint	Group A-3, Assembly	Assembly	Level 1
Offices, Conference/Training Rooms (Less Than 50 Occupants)	Group B, Business	Business	Level 1 & Level 2
Baggage Storage	Group S-1, Moderate Hazard Storage	Storage	Level 1
Tug/Vehicle Storage; MEP/Building Support	Group S-2, Light Hazard Storage	Storage	Level 1 & Level 2

The building is designed as a nonseparated mixed use (MUBC 508.3; NFPA 101, 6.1.14.2.2).

Accessory Occupancies

The new terminal includes concession spaces classified as accessory Group A-2, Assembly occupancies that comprise less than 10% of the First Floor (MUBC 508.2.3).

Special Use/Occupancy

Vehicle Repair Garage

The terminal building includes a vehicle storage area for ground service equipment that will be classified as a repair garage. The space will not include motor fuel dispensing operations. Repair garages are required to comply with the provisions of NFPA 1 Sections 30.2 & 30.3, NFPA 30A, and MUBC Sections 406.2 & 406.8 (MUBC 406.8), including but not limited to the following major fire protection/life safety provisions:

- **Ventilation**
  - Repair garages are required to be mechanically ventilated in accordance with MUBEC Chapter 7 (MUBC 406.8.1). It is the understanding of the design team that the vehicles will only be operated when being moved into/out of the building. During the loading process (or any potential painting/maintenance work), these vehicles will not be operated. As such, a mechanical ventilation system is not proposed to be provided (IMC 502.14 Exception 3).
  - Forced air heating, air-conditioning, and ventilating systems serving a fuel dispensing area inside a building or a repair garage are not permitted to be interconnected with any such systems serving other occupancies in the building (NFPA 1, 30.2.9.1).
  - Return air openings in areas of repair garages used for the repair or servicing of vehicles or in a fuel dispensing area are not permitted to be less than 18 in. above floor level measured to the bottom of the openings (NFPA 1, 30.2.9.2).
  - Exhaust duct openings are required to be located so that they effectively remove vapor accumulations at floor level from all parts of the floor area. Where lighter-than-air gaseous fuel vehicles are repaired, exhaust duct openings must be located so that they effectively remove vapor accumulations at the ceiling level (NFPA 1, 30.2.9.4).
- **Fire Protection Systems**
  - It is assumed that the repair garage will not be used for repair of vehicles fueled by nonodorized gases including hydrogen, nonodorized LNG, CNG, and LP-Gas such that a gas detection system is not required (MUBC 406.8.2; NFPA 1, 30.2.3 & 30.2.8).
  - Repair garages are required to be equipped throughout with an automatic sprinkler system in accordance with NFPA 13 (MUBC 406.8.4; NFPA 1, 30.2.7).
- **Drainage**
  - In areas of repair garages used for repair or servicing vehicles, floor assemblies are required to be constructed of noncombustible materials (MUBC 406.2.4; NFPA 1, 30.2.5).
  - The floor is required to be liquid tight to prevent the leakage or seepage of liquids and must be sloped to facilitate the movement of water, fuel, or other liquids to floor drains (MUBC 406.2.4; NFPA 1, 30.2.5).
  - In areas of repair garages where vehicles are serviced, any floor drains are required must be properly trapped and discharge through an oil/water separator to the sewer or to an outside vented sump (NFPA 1, 30.2.5).
- **Heat Producing Appliances**
  - Heat-producing appliances using gas or oil fuel are permitted to be installed in a lubrication or service room where there is no dispensing or transferring of Class I liquids, including the open draining of automotive gasoline tanks, provided the bottom of the combustion chamber is at least 18 in. above the floor and the appliances are protected from physical damage (MUBC 406.2.9.1; NFPA 1, 30.2.10.4).
  - Heat-producing appliances are permitted to be installed in a special room that is separated from areas that are classified as Division 1 or Division 2, in accordance with Chapter 8 of NFPA 30A, by walls that are constructed to prevent the transmission of vapors, that have a fire resistance rating of at least 1 hour, and that have no openings in the walls that lead to a classified area within 8 ft (2.4 m) of the floor. All air for combustion purposes is required to be taken from outside the building (NFPA 1, 30.2.10.3).
- **Garage Access**
  - Automatic garage openers are required to be listed and labeled in accordance with UL 325 (MUBC 406.2.1).

Building Height, Area, and Construction Type

Construction Classification

The building is primarily constructed of mass timber construction with select portions of the building (baggage storage rooms) utilizing unprotected steel members and metal decking. As such, the building includes **Type IV-HT, heavy timber** and **Type IIB ([II[000])** construction classifications (NFPA 1, 21.2.4.1).

The construction classification defaults to Type IIB ([II[000]) construction as the more restrictive construction classification relative to height and area allowances documented in the subsequent sections (MUBC 602.1).

All portions of the building constructed of mass timber elements are required to meet the Type IV-HT provisions in 2021 IBC Section 602.4, including the following (MUBC 602.1.2):

- Mass timber construction must meet the minimum cross-sectional dimensions in IBC Section 2304.11 (2021 IBC 602.4).
- Cross-laminated timber must be labeled as conforming to ANSI/APA PRG 320 as referenced in IBC Section 2303.1.4.
- Exterior walls are required to be of noncombustible materials, except for the following:
  - Fire-retardant wood framing and sheathing complying with MUBC 2303.2 are permitted in exterior wall assemblies (2021 IBC 602.4.4.1).
  - CLT at least 4" thick per 2021 IBC 2303.1.4 is permitted in exterior wall assemblies. Heavy timber structural member appurtenant to the CLT exterior wall must meet the requirements of 2021 IBC Table 2304.11. The exterior surface of the CLT and heavy timber elements must be protected by (1) FRT sheathing at least 15/32" thick, (2) gypsum board at least ½" thick, or (3) a noncombustible material (2021 IBC 602.4.4.2).
- Interior walls and partitions not less than 1-hour fire-resistance rated or heavy timber conforming with 2021 IBC Section 2304.11.2.2 are permitted (2021 IBC 602.4.4).
- Concealed spaces are not permitted to contain combustibles other than MEP equipment in plenums designed in accordance with Section 602 of the IMC (2021 IBC 602.4.3.5). Concealed space must be protected with one or more of the following (2021 IBC 602.4.4.3):
  - Sprinkler protection must be provided in the concealed space;
  - The concealed space must be filled with noncombustible insulation; or
  - The surfaces within the concealed space must be fully sheathed with not less than 5/8" Type X Gypsum Board.
- Since the building has a fire separation distance greater than 20 feet, wood columns and arches conforming to the heavy timber sizes in accordance with 2021 IBC 2304.11 are permitted to be used externally (2021 IBC 602.4.4.4).

Fire Resistance Rating of Building Elements

The following table indicates the minimum fire-resistance ratings required based on construction type (MUBC 601 & 602.1.2; NFPA 1, 21.2.4.1; NFPA 101, 8.2.1).

Fire Resistance Rating of Building Elements		
Building Element	**Type IIB ([II[000])**	**Type IV**
Primary Structural Frame	0-Hours	HT
Interior Bearing Walls	0-Hours	1/HT[1]
Exterior Bearing Walls	0 Hours	2 Hours
Exterior Nonbearing Walls	See Section 0	See Section 0
Floor construction and secondary members	0-Hours	HT
Roof construction and secondary members	0-Hours	HT

[1] Heavy timber bearing walls supporting more than a floor and a roof must have a fire resistance rating of not less than 1 hour.

Allowable Height and Area

The building is 2 stories above grade with a maximum floor area and aggregate area of 22,600 sf and 42,000 gsf, respectively.

The allowable height for a fully sprinklered Type IIB ([II[000]) containing nonseparated Group A-3, B, S-1, and S-2 occupancies is outlined in the following table (MUBC 504.3 & 504.4; NFPA 101, 12.1.6).

Height Limitations - Type IIB ([II[000])		
Occupancy Group	**Allowable Height**	**Actual Height**
A-3, Assembly	2 Stories (75 ft) [1]	2 stories (28 ft)
B, Business	4 Stories (75 ft)	
S-1, Storage	3 Stories (75 ft)	
S-2, Storage	4 Stories (75 ft)	

[1] Assembly occupant loads on Level 2 are limited to 300 occupants (NFPA 101, 12.1.6).

The buildings height and number of stories complies with the limitations specified in MUBC Sections 504.3 & 504.4 & NFPA 101 Section 12.1.6.

The allowable area limitations for a fully sprinklered Type IIB ([II [000]) building containing nonseparated Group A-3, B, S-1 and S-2 occupancies is outlined in the following table (MUBC 506.2).

Area Limitations - Type IIB ([II[000])				
Occupancy Group	**Allowable Floor Area (sf)**	**Actual Floor Area (sf)**	**Allowable Aggregate Area (gsf)**	**Actual Aggregate Area (gsf)**
Group A-3	28,500 sf	22,600 sf	57,000 gsf	42,000 sf
Use Group B	69,000 sf		144,000 gsf	
Use Group S-1	52,500 sf		105,000 gsf	
Use Group S-2	78,000 sf		156,000 gsf	

The building complies with the area limitations specified in MUBC Section 506.2.

Interior Partitions

Fire/Smoke Resistive Assemblies

The following table identifies the interior walls and partitions which are required to be composed of fire/smoke resistive assemblies.

Fire/Smoke Resistive Assemblies		
Type of Assembly	**Construction**	**Code Reference**
Corridors	No Rating Required	MUBC 1020.1, NFPA 101, 12.3.6(5), 38.3.6.1(3), & 42.3.6
Occupancy Separations	No Rating Required	MUBC 508.3, NFPA 101, 6.1.14
Boiler and Furnace Rooms	Wall capable of resisting the passage of smoke [1]	MUBC 509.4.2 NFPA 101, 12.3.2.1.2
Rooms used for storage of combustible supplies deemed hazardous by the AHJ	Wall capable of resisting the passage of smoke [1]	MUBC 509.4.2, NFPA 101, 12.3.2.1.2
Elevator machine room/controls room	1-Hour Fire Barrier and Horizontal Assembly	MUBC 3005.4
Dry type transformer room > 112.5 kVA	1-Hour Fire Barrier and Horizontal Assembly	NFPA 70, 450.21(B)
Shafts connecting 3 stories or less	1-Hour Fire Barrier	MUBC 713.4 & NFPA 101, 8.6.5

1. Wall is required to extend from the top of the foundation or floor to the underside of a fire-resistance rated floor/roof assembly or to the underside of the floor or roof sheathing, deck, or slab above.

All supporting construction of fire-rated assemblies is required to be supported by structure that affords the same required fire resistance rating of the supported horizontal assembly or fire barrier (MUBC 707.5.1 & 711.2.3; NFPA 101, 8.2.3.3).

Doors and Fire Shutters

Doors, fire shutters, and their corresponding components are required to have fire-resistance ratings and meet the required testing standards as specified in the following table. All doors and fire shutters required to be fire-resistance-rated are required to be designed, installed, and labeled in accordance with NFPA 80 (MUBC 716.5.7; NFPA 101 8.3.3.2).

Fire & Smoke Door Rating Summary Table				
Wall Type	**Required Wall Rating**	**Minimum Fire Door Rating**	**Performance Criteria for Doors/Shutters [1]**	**Code Reference**
Other Fire barriers	2-hours	1½-hours	NFPA 252 or UL 10C / NFPA 252 or UL 10B	MUBC 716.5 NFPA 101, 8.3.3.2.2 & 8.3.3.6.3
	1-hour	¾-hour		
Fire barriers serving shafts and means of egress components	1-hour	1-hour		
Smoke Partition	No Rating	No Rating	UL 1784	MUBC 710.5 NFPA 101, 8.4.3.1
Wall capable of resisting the passage of smoke	No rating	no rating	No air transfer openings, max 3/4" undercut	MUBC 509.4.2

1. All doors are required to be self- or automatic closing and provided with an active latch bolt that will secure the door when it is closed (MUBC 716.5.9).

Penetrations

Through and membrane penetrations of fire-resistance-rated walls and fire-resistance-rated horizontal assemblies are required to be protected by an approved penetration firestop system installed as tested in accordance with ASTM E 814 or UL 1479, with a minimum positive pressure differential of 0.01 inch of water (MUBC 714.3 & 714.4; NFPA 101, 8.3.4.2). Penetrations of fire-resistance-rated walls are required to have an F rating of not less than the required fire-resistance rating of the wall penetrated (NFPA 101, 8.3.4.2.3). Penetrations of fire-resistance rated horizontal assemblies are required to have an F rating/T rating of not less than 1 hour but not less than the required rating of the floor penetrated (MUBC 714.4.1.2; NFPA 101, 8.3.4.2.4).

Ducts and Air Transfer Openings

Fire and smoke dampers are required where ducts and air transfer openings penetrate walls as specified in the MUBC and are to be constructed in accordance with NPFA 90A. Where dampers are installed, they are required to be listed and bear the label of an approved testing agency (MUBC 717.3.1; NFPA 101, 8.5.5.5.3). Fire dampers are required to be tested in accordance with UL 555 and smoke dampers are required to be tested in accordance with UL 555S. Combination fire/smoke dampers are required to comply with both test standards.

Ducts systems constructed of approved materials in accordance with the IMC that penetrate non-fire-resistance-rated floor assemblies and connect not more than two stories are permitted without a shaft enclosure provided the annular space is filled with approved noncombustible material that resists the free passage of flame and the products of combustion (MUBC 717.6.3).

Fire dampers are required to be rated for 1.5 hours, unless they are installed in a 3-hour or greater assembly, in which case they are required to be 3-hour rated (MUBC 716.3.2.1). Smoke damper leakage ratings are not permitted to be less than Class II (NFPA 101, 8.5.5.6). Elevated temperature ratings are not permitted to be less than 250°F (MUBC 717.3.2.2; NFPA 101, 8.5.5.6). Combination fire/smoke dampers are required to comply with both rating requirements (MUBC 717.3.2.3). Refer to MUBC Section 716.3.3 and NFPA 90A Section 4.4.5 for required damper actuation methods.

Fire, smoke, and fire/smoke dampers are required to be provided with an approved means of access that permits inspection and maintenance of the damper and its operating parts (MUBC 717.4; NFPA 101, 8.5.5.5.2). Access points are required to have permanent labels with letters that are not less than ½ inch in height that reads "FIRE/SMOKE DAMPER, SMOKE DAMPER, or FIRE DAMPER".

Exterior Walls

The opening limitations and ratings for exterior walls are based on the fire separation distance for each wall, measured from the building face to the closest interior lot line, the centerline of a street, alley, or public way, or to an imaginary lot line between two buildings (MUBC 202). The following table indicates the opening limitations and ratings required for the exterior walls based on fire separation distance of a fully sprinklered Type IV structure (MUBC 602 & 705.8).

Exterior Wall Ratings & Opening Limitations			
Fire Separation Distance (ft)	**Fire-Resistance Rating**		**Allowable Area**
	Group S-1	**All Others**	
0 ≤ X < 3	2-Hours	1-Hour	Not Permitted
3 ≤ X < 5	2-Hours	1-Hour	15%
5 ≤ X < 10	1-Hour		25%
10 ≤ X < 15	1-Hour		45%
15 ≤ X < 20	1-Hour		75%
X ≥ 20	0-Hours		Unlimited

The building is provided with at least 20 ft. of fire separation distance around the perimeter of the building. As such the exterior walls are permitted to be non-fire-resistance rated with unlimited unprotected openings.

Vertical Openings

Shaft Enclosures

Enclosed vertical openings in the building include two exit stairs, an elevator enclosure, and MEP shafts.

Shaft enclosures are required to be fire-resistance rated in accordance with the "Fire/Smoke Resistive Assemblies" Table of this report. Shafts that do not extend to the bottom of the building are required to comply with one of the following (MUBC 713.11; NFPA 101, 8.6.4):

- Be enclosed at the lowest level with construction of the same fire-resistance rating as the lowest floor through which the shaft passes, but not less than the rating required for the shaft enclosure.
- Terminate in a room have a use related to the purpose of the shaft. The room is required to be separated from the remainder of the building by a fire-resistance rating at least equal to the protection required for the shaft enclosure.
- Be protected by fire dampers installed at the lowest floor level within the shaft enclosure.

A shaft enclosure that does not extend to the underside of the roof sheathing, deck or slab is required to be enclosed at the top with construction of the same fire-resistance rating as the topmost floor penetrated by the shaft, but not less than the fire-resistance rating required for the shaft enclosure (780 CMR 713.12; NFPA 101, 8.6.4).

Unenclosed Vertical Openings

The proposed building includes a 2-story convenience opening complying with MUBC 712.1.9 and NFPA 101 8.6.9.1, 12.3.1(3), and 38.3.1.1(1). The 2-story convenience opening is permitted to be unenclosed where the following conditions are met (IBC 712.1.8; NFPA 101, 8.6.9.1, 12.3.1(3), and 38.3.1.1(1)):

1. Do not connect more than two stories. **The proposed floor opening does not atmospherically communicate between more than 2 adjacent stories.**
2. Do not penetrate a horizontal assembly that separates fire areas or smoke barriers that separate smoke compartments. **The proposed floor opening does not penetrate separate fire areas or smoke compartments.**
3. Are not concealed within the construction of a wall or a floor/ceiling assembly. **The proposed floor opening is not concealed within the building construction.**
4. Are separated from corridors by smoke partitions. **The proposed floor opening is separated from adjacent spaces containing corridors by smoke partitions. It should be noted that the circulation space on Level 2 that communicates with the vertical opening is not a confined exit access component and does not constitute a corridor necessitating separation.**
5. Is separated from floor openings serving other floors by construction conforming to required shaft enclosures. **There are no other unenclosed floor openings within the proposed building.**
6. Does not serve as a required means of egress. **The 2-story convenience opening does not serve as a required means of egress. The exit stairways are proposed to be enclosed in accordance with the "Shaft Enclosures" Section of this code summary.**

Interior Finishes

Wall and Ceiling Finishes

Interior wall and ceiling finishes are required to be Class A or B finishes in accordance with the classifications of ASTM E 84 or UL 723 (MUBC 803.11; NFPA 101, 10.2.3; NFPA 415, 4.1.2).

Interior Floor Finish

In all areas, interior floor finish and covering materials are required to comply with the requirements of the DOC FF-1 "pill test" (CPSC 16 CFR Part 1630) (MUBC 804.4.1). Floor finishes and coverings of a traditional type, such as wood, vinyl, linoleum or terrazzo, and resilient floor covering materials that are not comprised of fibers are not subject to compliance with the "pill test" (MUBC 804.1(1)).

Furniture

All new upholstered furniture is required to be resistant to cigarette ignition in accordance with one of the following (NFPA 101, 10.3.2.1):

- Meet the requirements for Class I when tested in accordance with NFPA 260; or
- Have a char length not exceeding 1.5 inches when tested in accordance with NFPA 261.

Fire Protection Systems

Automatic Sprinkler Systems

The building is required to be sprinklered throughout in accordance with NFPA 13 and the sprinkler rules in the Office of The State Fire Marshal fire sprinkler technical policy (MUBC 903.2.1.3, 903.2.9, & 903.3.1; NFPA 101, 12.3.5.2).

Standpipe Systems

A Class I standpipe system is required to be provided as the terminal exceeds 100 ft in the shortest horizontal dimension (NFPA 415, 4.5.4.1). The standpipe system is required to be installed in accordance with NFPA 14 and be installed in all of the following locations:

- In every required stairway, hose connections must be located at the main floor level between floors for every floor level above grade.
- Where the roof has a slope less than 33.3%, a hose connection must be located to serve the roof or at the highest landing of a stairway with stair access to the roof.
- Where the most remote portion of a floor is more than 200 feet from a hose connection, the fire code official is authorized to required additional hose connections to be provided.

Fire Extinguishers

Portable fire extinguishers are required in all occupancies within the building and are required to be selected and installed in accordance with NFPA 10 (MUBC 906.1). Fire extinguishers are required to be installed in the following locations (MUBC 906.1):

- Within 30 feet of commercial cooking equipment.
- In areas where flammable or combustible liquids are stored, used, or dispensed.
- Elevator machine rooms.
- Special hazard areas, including laboratories, computer rooms and generator rooms, where required by the fire official.
- Such that the maximum travel distance to an extinguisher for Class A fire hazards does not exceed 75 feet (MUBC 906.3).

Fire Alarm and Detection Systems

The building is required to be equipped throughout with a fire alarm and detection system designed and installed in accordance with NFPA 70 & 72 (MUBC 907.2.1.1 & 903.4; NFPA 101, 12.3.4.1 & 38.3.4.1). The fire alarm system is required to be equipped with emergency voice/alarm communication capabilities (NFPA 101, 12.4.3.3).

Emergency Responder Radio Coverage

Emergency responder radio coverage is required for the building in accordance with MUBC Section 916 unless the fire code official determines the radio coverage system is not needed.

Standby/Emergency Power Systems

The standby and emergency power systems are required to be installed in accordance with the MUBC Section 2702, NFPA 110, and NFPA 111.

The standby power system is required to be provided for the emergency responder radio coverage systems (MUBC 2702.2).

The emergency power systems are required to serve the following building features (MUBC 2702.2):

- Exit signage in accordance with MUBC Section 1013.6.3.
- Means of egress illumination in accordance with SBC-1 Section 1008.3.
- Automatic fire detection systems.
- Fire alarm systems.

Means of Egress

Occupant Load

The number of occupants required to be calculated in accordance with the following table (MUBC 1004.1.2; NFPA 101, 7.3.1.2). The occupant load is permitted to be increased from the occupant load established for the given use where all other requirements of the MUBC and NFPA 101 are met (MUBC 1004.2; NFPA 101 7.3.1.3).

Occupant Load Factors	
Function of Space	**Occupant Load Factor**
Assembly, Standing/Queuing	5 net
Airport Terminal Waiting Areas	15 gross
Assembly, Unconcentrated (Tables and Chairs)	15 net
Baggage Claim	20 gross
Airport Terminal Concourse, Offices	100 gross
Baggage Handling, Storage, Building Service Areas	300 gross

Refer to Sheets LS1.101 & LS1.201 for detailed occupant load calculations.

Egress Width Factors

The required egress capacity for any means of egress component is based on the following capacity factors (MUBC 1005.1; NFPA 101, 7.3.3.1):

Egress Width Factors	
Stairways (inches of width per person)	**All Other Components (inches of width per person)**
0.3	0.2

Refer to Sheets LS1.101 & LS1.201 for detailed egress capacity calculations.

Number of Exits from a Story

The number of exits required from every story is not permitted to be less than that specified in the following table (MUBC 1006.3.1; NFPA 101, 7.4.1.2), unless otherwise noted within this report.

Minimum Number of Exits Required	
Occupant Load	**Number of Exits Required**
1 – 500	2
501 – 1,000	3
> 1,000	4

The non-secure side of Level 1 is provided with access to 3 exits and the secure side is provided with access to 2 exits directly to the exterior. Level 2 is served by 2 enclosed exit stairs.

Number of Exits from a Space

Two exits or exit access doorways are required to be provided where the occupant load or common path of travel distances in the following table are exceeded (MUBC 1006.2.1; NFPA 101, 7.4.1.1, 12.2.5, 38.2.4.3, & 42.2.4.1).

Spaces with One Exit or Exit Access Doorway		
Occupancy	**Maximum Occupant Load**	**Maximum Common Path of Travel Distance**
A-3, Assembly	49	75 feet
B, Business	49	100 feet
S-1, Storage	29	100 feet

Two exit access doorways are required in boiler, incinerator, and furnace rooms where the area is over 500 square feet and any fuel-fired equipment exceeds 400,000 British thermal unit input capacity (MUBC 1006.2.2.1).

Where a room contains switchgear and control panels exceeding 6 feet in width, an exit is required to be provided at each end of the equipment unless (1) the location permits a continuous and unobstructed way of exit travel, or (2) where the depth of the working space is twice that required by NFPA 70 Table 110.34(A) (NFPA 70, 110.33(A)(1)).

Exit Arrangement

Where two exits or exit access doorways are required from any portion of the exit access as outlined above, the exit doors or exit access doorways are required to be placed a distance apart equal to not less than 1/3 of the length of the maximum overall diagonal dimension of the building or area served (MUBC 1007.1.1 Exception 2; NFPA 101, 7.5.1.3.3).

Where two exit access doorways are required in boiler, incinerator, and furnace rooms, exit access doorways are required to be separated by a horizontal distance equal to one-half the length of the maximum overall diagonal dimension of the room (MUBC 1006.2.2.1).

Assembly Main Entrance/Exit

The main exit from the building is required to be sized to accommodate half of the total occupant load of the floor. Where there is no well-defined main exit or where multiple main exits are provided, exits are permitted to be distributed around the perimeter of the building provided the total width of egress is not less than 100% of the required width (MUBC 1029.2; NFPA 101, 12.2.3.6).

Exit 2 serves as the main exit from Level 1 and is provided with sufficient capacity to support half of the occupant load served.

Corridors

The width of corridors is not permitted to be less than that specified in the table below or as determined using the egress factors based on the occupant load served (MUBC 1020.2 & NFPA 101, 12.2.3.8 & 32.2.3.2).

Minium Corridor Width	
Occupancy	**Minimum Width**
Access to and utilization of MEP equipment	24 inches
With a required occupancy capacity < 50 people	36 inches
Any areas not listed above	44 inches

Corridors throughout the building are at least 44 inches in width.

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AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
CHRISTOPHER J. LYNCH
No. PE18139
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
CODE RED CONSULTANTS

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CODE SUMMARY
BID DOCUMENTS

DISCIPLINE:
LIFE SAFETY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JI	MN	JI	CRL

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
LS0.000

Exit Access Travel Distance

Exit access travel distances are not permitted to exceed the maximum values specified in the table below (2009 NFPA 101, A7.6).

Exit Access Travel Distances		
Occupancy	**Maximum Exit Access Travel Distance**	**Dead End Corridors**
A-3, Assembly	250 feet	20 feet
B, Business	300 feet	50 feet
S, Storage	400 feet	50 feet

Refer to Sheets LS1.101 & LS1.201 for the maximum exit access travel distances in the building. Travel distances throughout do not exceed 250 feet.

Doors

Doors are required to comply with MUBC 1010 and NFPA 101, 7.2.1. Major requirements include:

- Width. Doors are required to be a minimum of 32 inches in clear width (MUBC 1010.1.1; NFPA 101, 7.2.1.2.3).
- Landings. Level landing are required to be provided on each side of the door (MUBC 1010.1.5 & 1010.1.6; NFPA 101, 7.2.1.3).
- Door Swing. Egress doors are required to be of the pivoted or side-swinging type and are required to swing in the direction of egress travel where serving an occupant load of 50 or more persons (MUBC 1010.1.2; NFPA 101, 7.2.1.4.2).
- Locking. Except as specifically permitted by MUBC Section 1010.1.9 and NFPA 101, 7.2.1.5, doors are required to be readily operable in the direction of egress travel.
- Doors in Series. Space between two doors in series is required to be a minimum of 48 inches plus the width of the door swinging into the space. Doors in series are required to swing either in the same direction or away from the space between the doors (MUBC 1010.1.8).
- Panic Hardware: Doors serving assembly occupancies having an occupant load greater than 49 persons are required to be equipped with panic hardware if the door is provided with a latch or lock (MUBC 1010.1.9.10; NFPA 101, 12.2.2.2.3)
- Power-Operated Horizontal Sliding Doors. Means of egress doors that are operated or assisted by power are required to comply with MUBC Section 1010.1.4.3 & NFPA 101 Section 7.2.1.9. Power-operated sliding doors are required to comply with BHMA A156.10. In the event of power failure, the power-operated doors are required to be capable of being opened manually in accordance with the provisions noted above (breakaway capabilities).
- Electrical Rooms. Electrical rooms with equipment rated over 800 amperes or more and over 6 feet in width that contain overcurrent devices, switching devices, or control devices with exit or exit access doors are required to be equipped with panic hardware or fire exit hardware and swing in the direction of egress travel (MUBC 1010.1.10).

Stairs

The building includes two exit stairs serving Level 2. Stairways are required to be constructed in accordance with MUBC 1011 and NFPA 101, 7.2.2.2. Major requirements include:

- Minimum clear width of 44" (MUBC 1011.2; NFPA 101 Table 7.2.2.2.1.1(a))
- Minimum headroom of 80" (MUBC 1011.3; NFPA 101 Table 7.2.2.2.1.1(a))
- Maximum 7" riser height (MUBC 1011.5.2; NFPA 101 Table 7.2.2.2.1.1(a))
- Minimum 11" riser depth (MUBC 1011.5.2; NFPA 101 Table 7.2.2.2.1.1(a))
- Compliant landings at the top and bottom of runs (MUBC 1011.6; NFPA 101, 7.2.2.3.2)
- Maximum 12-foot vertical rise between landings (MUBC 1011.8; NFPA 101 Table 7.2.2.2.1.1(a))
- Handrails within 30" of required egress width (MUBC 1011.11, 1014.9; NFPA 101, 7.2.2.4.1)

Exit Discharge

Exits are required to discharge directly to the exterior of the building unless otherwise permitted by MUBC and NFPA 101 (MUBC 1028.1; NFPA 101, 7.7.1).

Both enclosed exit stairs discharge directly to the exterior of the building on Level 1.

Exit Signage

Exit and exit access doors are required to be marked by approved exit signs readily visible from any direction of egress travel (MUBC 1013.1; NFPA 101, 12.4.8.7, 38.2.10, & 42.2.10). The path of egress travel to exits and within exits are required to be marked by readily visible exit signs to clearly indicate the direction of egress travel where the exit or path of travel is not immediately visible. Exit signs within corridors and exit passageways are required to be placed such that no point is more than 100 feet or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign. Exit sign locations are required to coordinated with the horizontal exit arrangement. Exit signs are not required at main exterior exit doors that are obviously and clearly identifiable as exits where approved by the building official.

Egress Illumination

The means of egress, including the exit discharge, is required to be illuminated at all times the building served by the means of egress is occupied (MUBC 1008.1; NFPA 101, 7.8, 12.2.8, 38.2.8, & 42.2.8). The illumination level is not permitted to be less than 10 foot-candle at the walking surface in stairways in use, and 1 foot-candle at all other walking surfaces (MUBC 1008.2.1; NFPA 101, 7.8.1.3). In the event of power supply failure, an emergency electrical system is required to automatically illuminate all of the following areas (MUBC 1008.3; NFPA 101, 7.9.1, 38.2.9 & 42.2.9):

- Spaces that require two or more means of egress.
- Corridors and interior exit stairways.
- Interior exit discharge elements.
- Exterior landings for exit discharge doorways.

The emergency power system is required to provide power for a duration of not less than 90 minutes (MUBC 1008.3.4). The initial illumination is required to be an average of 1 foot-candle and a minimum at any point of 0.1 foot-candle measured along the path of egress at the floor level. Illumination levels are permitted to decline to 0.6 foot-candle average and a minimum of 0.06 foot-candle at the end of the emergency lighting time duration (MUBC 1008.3.5 & NFPA 101, 7.9.2).

Fire Department Access Roads

Fire department access roads are required at the property and the design of the access roads are required to comply with the following:

- Have an unobstructed width of not less than 20 feet and a vertical clearance of not less than 13 feet 6 inches (NFPA 1, 18.2.3.5.1).
- Any portion of an exterior wall of the first story of the building is not more than 450 feet from the access road via an approved route around the building, based on the building being sprinklered throughout in accordance with NFPA 13 (NFPA 1, 18.2.3.2.2.1).
- Extend to within 50 feet of at least one exterior door that can be opened from the outside and provided access to the interior of the building (NFPA 1, 18.2.3.2.1).
- Dead-ends in excess of 150 feet in length are provided with approved provisions for the fire apparatus to turn around (NFPA 1, 18.2.3.5.4).
- Be capable of supporting the imposed loads of fire apparatus and provided with an all-weather driving surface (NFPA 1, 18.2.3.5.2).
- When connecting to roadways, the curb cut is required to extend at least 2 feet beyond each edge of the fire lane (NFPA 1, 18.2.3.5.3.3).
- Angle of approach and department for access roads are not permitted to exceed 1-foot drop within 20 feet or limits established by the AHJ based on employed apparatus (NFPA 1, 18.2.3.5.6.2).

Elevator Code

The Maine Elevator & Tramway Rules & Laws, an amended version of the 2013 ASME A.17.1, Safety Code for Elevators and Escalators regulates the design and installation of elevators serving the building.

Accessibility

The building is subject to compliance with MUBC Chapter 11, the 2009 ICC/ANSI A117.1, and the 2010 ADA Standards.

Plumbing Fixtures

Minimum Number of Required Fixtures

Plumbing fixtures are required to be provided in sufficient capacity to accommodate the occupants of the building based on the factors outlined in the following table and the calculated occupant load per the MUBC (UPC 422.1). The maximum number of fixtures is required to be calculated at 50% male and 50% female based on the total occupant load. Separate fixtures are required for males and females (UPC 422.2). Where separate facilities are required, and each toilet facility is required to have only one water closet, two family or assisted-use toilet facilities are permitted to replace the required separate toilet facilities (UPC 422.2.1).

Plumbing Fixture Requirements and Factors						
Use	**Toilets**		**Urinals**	**Lavatories**		**Drinking Fountain**
	M	**F**		**M**	**F**	
Business	1: 1-50 2: 51-100	1: 1-15 2: 16-30 3: 31-50 4: 51-100	1: 1-100	1: 1-75 2: 76-150	1: 1-50 2: 51-100 3: 101-150	1 per 150
A-3, Assembly	1: 1-100 2: 101-200 3: 201-400	1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300	1: 1-100 2: 101-200 3: 201-400	1: 1-200 2: 201-400	1: 1-100 2: 101-200 4: 201-300	1: 1-250 2: 251-500 3: 501-750
Storage	1: 1-100 2: 101-200		-	1: 1-200 2: 201-400		1: 1-250 2: 251-500

Separate toilet facilities are required to be provided for each sex (UPC 422.2). In multi-story buildings, access to the required toilet facilities is not permitted to exceed one vertical story (UPC 422.4.1). As such, it should be noted that the urinals on the non-secure side of Level 1 also serve occupants on Level 2.

The following table outlines the required plumbing fixtures based on the calculated occupant loads shown on Sheets LS1.101 & LS1.201.

Space	**Occupancy**	**Total OL #**	**Female Occ #**	**Male Occ #**	**Female WC**	**Male WC**	**Male Urinals**	**Female Lav**	**Male Lav**	**Drinking Fountains**
Secure (Level 1)	**Office**	24	12	12	0.800	0.240	0.120	0.240	0.160	0.160
	Storage	7	4	4	0.035	0.035	-	0.018	0.018	0.028
	Assembly	189	95	95	2.890	0.945	0.945	0.945	0.473	0.756
	Sum of Fractions				**3.725**	**1.220**	**1.065**	**1.203**	**0.650**	**0.944**
	Total Required Fixtures				**4**	**2**	**2**	**2**	**1**	**1**
	Total Provided Fixtures				**4**	**2**	**2**	**2**	**2**	**2**
Space	**Occupancy**	**Total OL #**	**Female Occ #**	**Male Occ #**	**Female WC**	**Male WC**	**Male Urinals**	**Female Lav**	**Male Lav**	**Drinking Fountains**
Not Secure (Level 1)	**Office**	11	6	6	0.400	0.120	0.060	0.120	0.080	0.080
	Storage	8	4	4	0.040	0.040	-	0.020	0.020	0.032
	Assembly	256	128	128	3.280	1.280	1.280	1.280	0.640	1.024
	Sum of Fractions				**3.687**	**1.430**	**1.335**	**1.410**	**0.733**	**1.129**
	Total Required Fixtures				**4**	**2**	**2**	**2**	**1**	**2**
	Total Provided Fixtures				**4**	**2**	**2**	**2**	**2**	**2**
Space	**Occupancy**	**Total OL #**	**Female Occ #**	**Male Occ #**	**Female WC**	**Male WC**	**Male Urinals**	**Female Lav**	**Male Lav**	**Drinking Fountains**
Not Secure (Level 2)	**Office**	15	8	8	0.500	0.150	0.075	0.150	0.100	0.100
	Storage	17	9	9	0.085	0.085	-	0.043	0.043	0.068
	Assembly	69	35	35	1.380	0.345	0.345	0.345	0.173	0.276
	Sum of Fractions				**1.965**	**0.580**	**0.420**	**0.538**	**0.315**	**0.444**
	Total Required Fixtures				**2**	**1**	**1**	**1**	**1**	**1**
	Total Provided Fixtures				**2**	**2**	**0**	**1**	**1**	**2**

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
CHRISTOPHER J. LYNCH
No. PE18139
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
CODE RED CONSULTANTS

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CODE SUMMARY
BID DOCUMENTS

DISCIPLINE:
LIFE SAFETY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JI	MN	JI	CRL

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
LS0.001

OCCUPANT LOAD SUMMARY TABLE - LEVEL 1				
LOCATION	FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
NON-SECURE	QUEUING	601 SF	5 SF	121
NON-SECURE	BAGGAGE CLAIM	1,516 SF	20 SF	76
NON-SECURE	CONCOURSE	5,889 SF	100 SF	59
NON-SECURE	OFFICE	1,023 SF	100 SF	11
NON-SECURE	STORAGE/MEP	2,319 SF	300 SF	8
NON-SECURE	OCCUPANTS FROM SECURE	86 SF	FIXED	106
		11,434 SF		381
SECURE	BREAK ROOM	263 SF	15 SF	18
SECURE	HOLD ROOM	1,908 SF	15 SF	123
SECURE	CONCOURSE	3,777 SF	100 SF	39
SECURE	OFFICE	2,337 SF	100 SF	24
SECURE	STORAGE/MEP	1,848 SF	300 SF	7
		10,134 SF		211
		21,568 SF		592

EXIT CAPACITY SUMMARY TABLE - LEVEL 1						
LOCATION	EXIT #	DOOR CLEAR WIDTH (INCHES)	DOOR FACTOR	DOOR CAPACITY (PERSONS)	LIMITING CAPACITY (PERSONS)	ACTUAL USE (PERSONS)
NON-SECURE	EXIT 1	33	0.2	165	165	95
NON-SECURE	EXIT 2	66	0.2	330	330	190
NON-SECURE	EXIT 3	42	0.2	210	210	47
NON-SECURE	EXIT 4	42	0.2	210	210	48
NON-SECURE	MEP EXIT 1	33	0.2	165	165	1
					1,080	381
SECURE	EXIT 5	33	0.2	165	165	23
SECURE	EXIT 5	33	0.2	165	165	42
SECURE	EXIT 6	33	0.2	165	165	42
SECURE	MEP EXIT 2	33	0.2	165	165	4
SECURE	MEP EXIT 4	33	0.2	165	165	3
SECURE	SECURE 1	33	0.2	165	165	22
SECURE	SECURE 2	42	0.2	210	210	84
					1,200	220
					2,280	601

LIFE SAFETY LEGEND

WALL RATINGS

SMOKE PARTITION ..... SP

1-HOUR FIRE BARRIER .....

2-HOUR FIRE BARRIER .....

OCCUPANT LOAD TAG

ROOM NAME

AREA (SF)

SAMPLE ROOM
55,000 / 200 = 275

OCCUPANT LOAD

OCCUPANT LOAD FACTOR (SF/PERSON)

TRAVEL DISTANCE

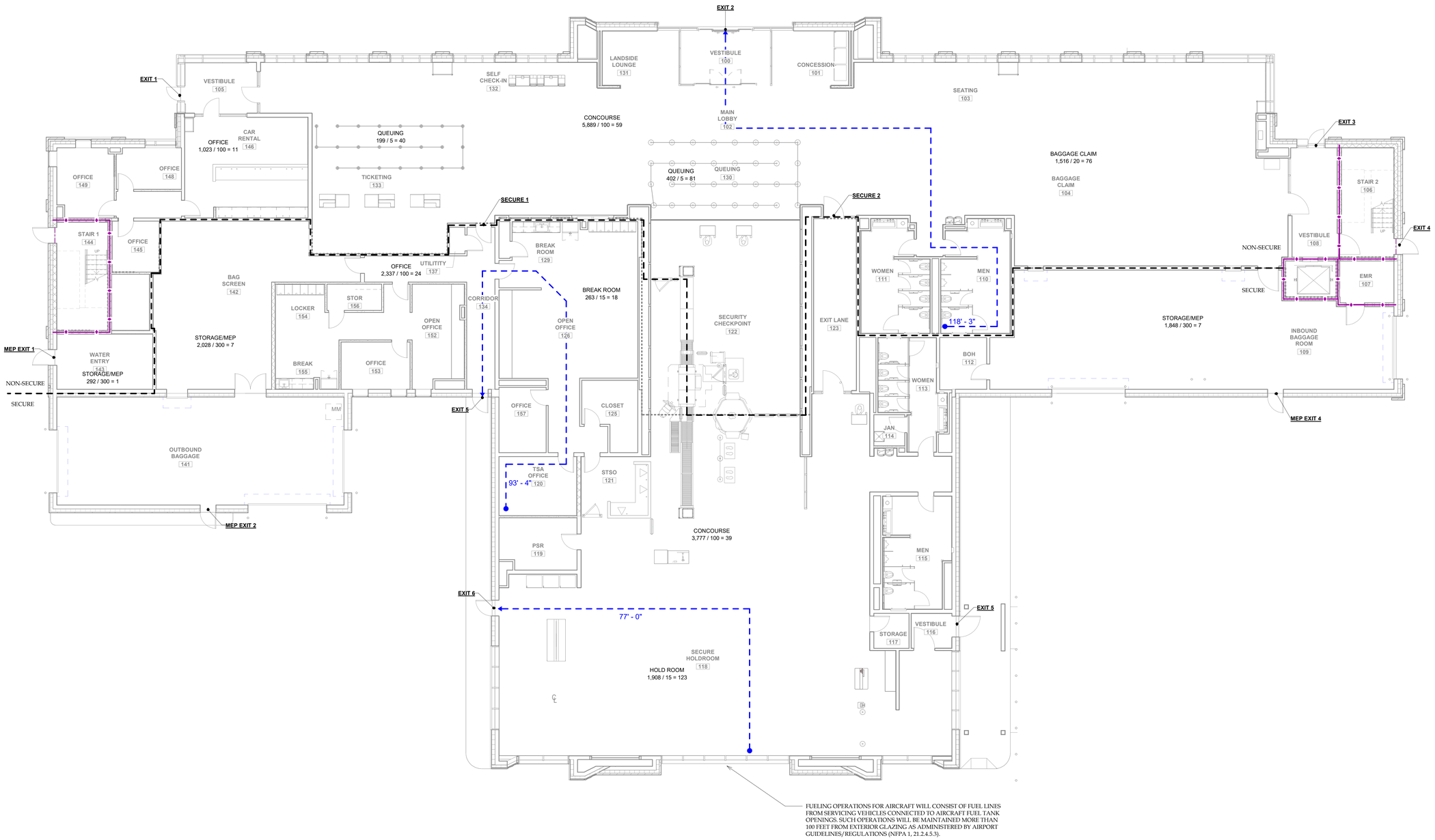
TRAVEL DISTANCE TO EXIT

XX'

EXIT TAG

EXIT DESIGNATION

EXIT 1



FUELING OPERATIONS FOR AIRCRAFT WILL CONSIST OF FUEL LINES FROM SERVICING VEHICLES CONNECTED TO AIRCRAFT FUEL TANK OPENINGS. SUCH OPERATIONS WILL BE MAINTAINED MORE THAN 100 FEET FROM EXTERIOR GLAZING AS ADMINISTERED BY AIRPORT GUIDELINES/REGULATIONS (NFPA 1, 21.2.4.5.3).

1 LEVEL 1 LIFE SAFETY PLAN
1/8" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

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CHRISTOPHER J. LYNCH
No. PE18139
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
CODE RED CONSULTANTS

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 LIFE SAFETY PLAN
BID DOCUMENTS

DISCIPLINE:
LIFE SAFETY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JI	MN	JI	CRL

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
LS1.101

OCCUPANT LOAD SUMMARY TABLE - LEVEL 2			
FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
BOARD ROOM	441 SF	15 SF	30
WAITING	583 SF	15 SF	39
CIRCULATION	2,610 SF	100 SF	27
OFFICE	318 SF	100 SF	4
OFFICE/CIRCULATION	1,033 SF	100 SF	11
STORAGE/MEP	3,982 SF	300 SF	15
	8,968 SF		126

EXIT CAPACITY SUMMARY TABLE - LEVEL 2								
EXIT #	DOOR CLEAR WIDTH (INCHES)	DOOR FACTOR	DOOR CAPACITY (PERSONS)	STAIR CLEAR WIDTH (INCHES)	STAIR FACTOR	STAIR CAPACITY (PERSONS)	LIMITING CAPACITY (PERSONS)	ACTUAL USE (PERSONS)
STAIR 1	33	0.2	165	48	0.3	160	160	63
STAIR 2	33	0.2	165	50	0.3	166	165	63
							325	126

LIFE SAFETY LEGEND

WALL RATINGS

SMOKE PARTITION ..... SP

1-HOUR FIRE BARRIER .....

2-HOUR FIRE BARRIER .....

OCCUPANT LOAD TAG

ROOM NAME

AREA (SF) — SAMPLE ROOM 55,000 / 200 = 275 — OCCUPANT LOAD

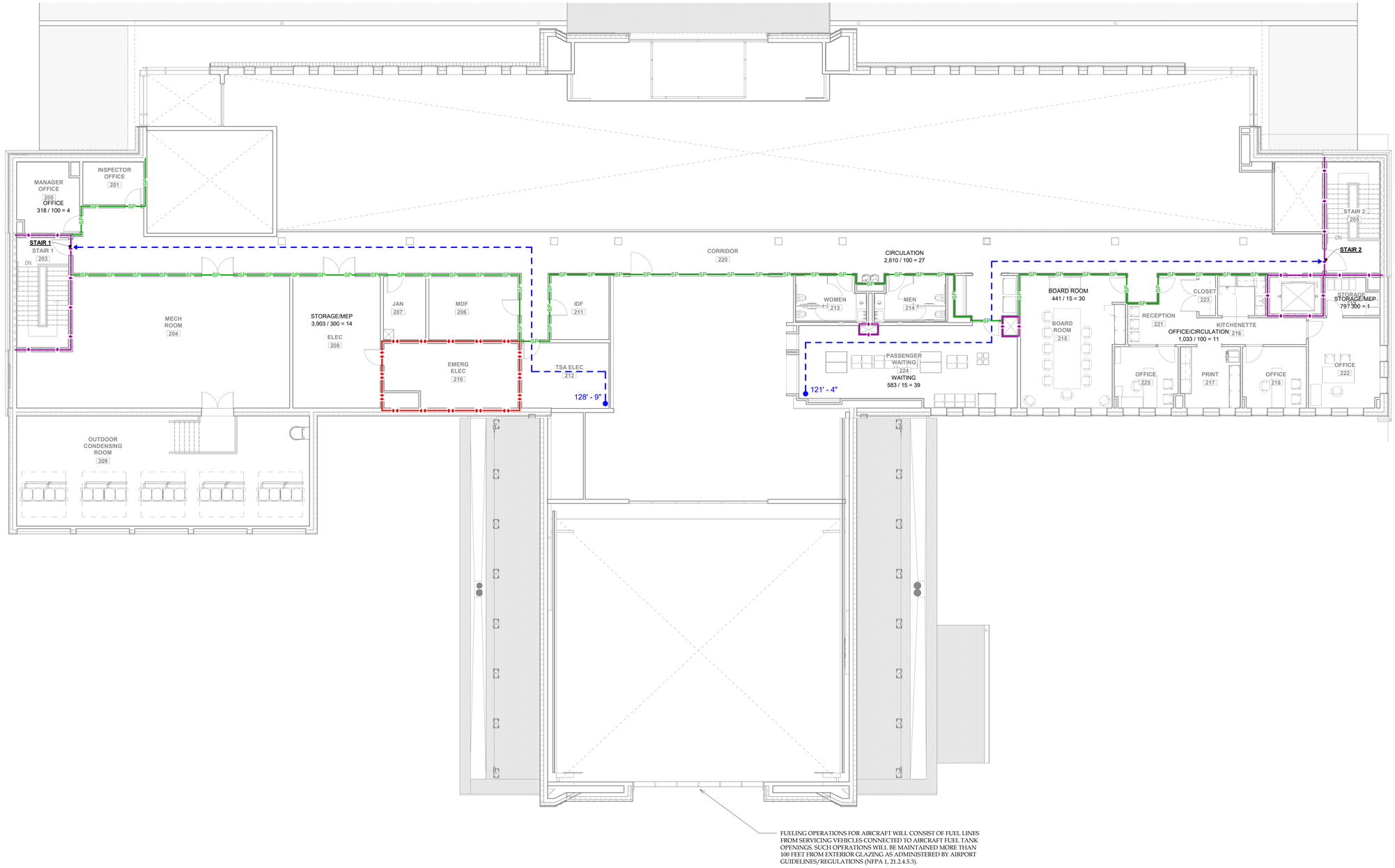
OCCUPANT LOAD FACTOR (SF/ PERSON)

TRAVEL DISTANCE

TRAVEL DISTANCE TO EXIT — XX'

EXIT TAG

EXIT DESIGNATION — EXIT 1



FUELING OPERATIONS FOR AIRCRAFT WILL CONSIST OF FUEL LINES FROM SERVICING VEHICLES CONNECTED TO AIRCRAFT FUEL TANK OPENINGS. SUCH OPERATIONS WILL BE MAINTAINED MORE THAN 100 FEET FROM EXTERIOR GLAZING AS ADMINISTERED BY AIRPORT GUIDELINES/REGULATIONS (NFPA 1, 21.2.4.5.3).

1 LEVEL 2 LIFE SAFETY PLAN
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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REGISTRATION STAMP:
STATE OF MAINE
CHRISTOPHER J. LYNCH
No. PE18139
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
CODE RED CONSULTANTS

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 LIFE SAFETY PLAN

BID DOCUMENTS

DISCIPLINE:
LIFE SAFETY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JI	MN	JI	CRL

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
LS1.201

LEGEND

TSA	EXISTING TAXIWAY SAFETY AREA
TSA	PROPOSED TAXIWAY SAFETY AREA
TOFA	EXISTING TAXIWAY OBJECT FREE AREA
TOFA	PROPOSED TAXIWAY OBJECT FREE AREA
T	EXISTING TELECOMMUNICATION
T	PROPOSED TELECOMMUNICATIONS
W	EXISTING WATER PIPE
W	PROPOSED WATER PIPE
UD	EXISTING UNDERDRAIN
UD	PROPOSED UNDERDRAIN
D	EXISTING DRAINAGE PIPE
D	PROPOSED DRAINAGE PIPE
S	EXISTING SEWER PIPE
S	PROPOSED SEWER PIPE
E	EXISTING ELECTRIC CABLE
E	PROPOSED ELECTRIC CABLE
OHW	EXISTING OVERHEAD WIRES
OHW	PROPOSED OVERHEAD WIRES
X	EXISTING CHAIN LINK FENCE
X	PROPOSED CHAIN LINK FENCE
	EXISTING TREELINE
	PROPOSED TREELINE
SED	PROPOSED SEDIMENT CONTROL
	EXISTING AIRPORT PROPERTY BOUNDARY
	EXISTING CONTOUR – MAJOR
	EXISTING CONTOUR – MINOR
	PROPOSED CONTOUR – MAJOR
	PROPOSED CONTOUR – MINOR
100+00	EXISTING ALIGNMENT
□	PROPOSED TEMPORARY FENCE

	PROPOSED LIGHTED BARRICADE
	PROPOSED HAUL ROUTE
	EXISTING CATCH BASIN
	PROPOSED CATCH BASIN
	EXISTING DRAINAGE MANHOLE
	PROPOSED UNDERDRAIN CLEANOUT
	EXISTING HYDRANT
	PROPOSED HYDRANT
	EXISTING SIGN
	PROPOSED SIGN
E	EXISTING ELECTRIC MANHOLE
E	PROPOSED ELECTRIC MANHOLE
J	PROPOSED JUNCTION CAN
T	EXISTING TELECOM MANHOLE
	EXISTING WAYFINDING SIGN
	PROPOSED WAYFINDING SIGN
	PROPOSED INLET PROTECTION
	EXISTING UTILITY POLE
	EXISTING GUY WIRE
	PROPOSED UTILITY POLE
	EXISTING LIGHT POLE
	PROPOSED 30' LIGHT POLE
	PROPOSED 60' LIGHT POLE
	PROPOSED WALKWAY LIGHT
	PROPOSED CCTV CAMERA

SHEET LIST

SHEET NUMBER	SHEET DESCRIPTION
C0.001	DRAWING INDEX AND LEGEND
C0.002	GENERAL NOTES
C1.100	GENERAL PLAN
C1.101	GENERAL CONSTRUCTION SAFETY AND PHASING PLAN
C1.102	CONSTRUCTION SAFETY AND PHASING PLAN
C2.101	EXISTING CONDITIONS PLAN
C2.201	DEMOLITION PLAN
C3.101	GEOMETRY PLAN
C3.102	GRADING PLAN
C3.103	DRAINAGE PLAN
C3.104	WATER AND SEWER PLAN
C3.105	ELECTRICAL AND COMMUNICATIONS PLAN
C3.201	EROSION CONTROL NOTES AND DETAILS
C3.202	MISCELLANEOUS DETAILS
C3.203	PAVING DETAILS
C3.204	DRAINAGE DETAILS
C3.205	WATER UTILITY DETAILS
C3.206	SEWER UTILITY DETAILS – SHEET 1
C3.207	SEWER UTILITY DETAILS – SHEET 2
C3.208	ELECTRICAL UTILITY DETAILS – SHEET 1
C3.209	ELECTRICAL UTILITY DETAILS – SHEET 2
C3.210	TEMPORARY FENCE DETAILS
C3.211	PERMANENT FENCE DETAILS
C3.212	SIGNAGE DETAILS – SHEET 1
C3.213	SIGNAGE DETAILS – SHEET 2
C3.214	SIGNAGE DETAILS – SHEET 3

REVISION HISTORY

REV #	DATE	DESCRIPTION

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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1 FEDERAL STREET, BOSTON MA 02110
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CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
DRAWING INDEX AND LEGEND

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED

DATE: 06/05/2024

SHEET NUMBER:
C0.001

GENERAL AIRPORT NOTES

1. AIRPORT OPERATIONS COORDINATOR

   THE DIRECTOR OF OPERATIONS SHALL HAVE THE AUTHORITY TO OPEN AND CLOSE FACILITIES, ISSUE AND CANCEL NOTAMS, AND TO COORDINATE WITH AIRPORT USERS.

2. AIRPORT SECURITY

   THE CONTRACTOR SHALL COMPLY WITH ALL AIRPORT SECURITY REQUIREMENTS.

   THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING ACCESS TO THE WORK AREA AND ENSURING THAT AIRPORT SECURITY IS MAINTAINED AT ALL TIMES. THE FAA CAN IMPOSE FINES OF $10,000.00 OR MORE FOR SECURITY VIOLATIONS AND INCURSIONS INTO ACTIVE AIRCRAFT OPERATION AREAS. THE CONTRACTOR SHALL PAY ALL FINES ASSESSED AGAINST THE AIRPORT DUE TO VIOLATIONS CAUSED BY THE CONTRACTOR AND HIS/HER PERSONNEL, SUBCONTRACTORS AND VENDORS.

   CONTRACTOR SHALL INSTRUCT SUPPLIERS ON ACCESS PROCEDURES TO BE FOLLOWED.

   ALL SECURITY ARRANGEMENTS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER AND THE FAA.

3. OPEN TRENCHES OR EXCAVATIONS

   THE CONTRACTOR WILL NOT BE PERMITTED TO LEAVE ANY TRENCHES OR OTHER EXCAVATIONS OPEN AT NIGHT, ON WEEKENDS OR AT OTHER TIMES WHEN THE CONTRACTOR IS NOT ON THE WORK SITE.

4. DISPOSAL OF SURPLUS AND UNSUITABLE MATERIALS

   ALL UNSUITABLE EXCAVATION MATERIAL, ALL DRAINAGE STRUCTURES AND PIPES, ALL BITUMINOUS CONCRETE PAVEMENT, AND ALL PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY UNLESS SPECIFIC INSTRUCTIONS TO THE CONTRARY ARE INCLUDED IN THE SPECIFICATIONS.

   THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL FEES REQUIRED FOR THE DISPOSAL OF MATERIALS OFF AIRPORT PROPERTY. AT THE OWNER'S OR ENGINEER'S DISCRETION, WEIGHT SLIPS FOR OFF SITE DISPOSAL MAY BE REQUESTED.

   NO SEPARATE MEASUREMENT AND PAYMENT WILL BE MADE FOR THE DISPOSAL, BUT RATHER THE DISPOSAL SHALL BE INCIDENTAL TO THE ITEM THAT GENERATES THE MATERIAL.

5. UNDERGROUND UTILITIES AND CABLES

   THE APPROXIMATE LOCATIONS OF KNOWN UTILITIES AND UNDERGROUND CABLES ARE SHOWN ON THE CONTRACT DRAWINGS. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COORDINATE ALL WORK ON AND IN THE VICINITY OF THE UNDERGROUND UTILITIES AND CABLES WITH THE FOLLOWING AGENCIES AS APPROPRIATE.

   - DIG SAFE
   - THE FEDERAL AVIATION ADMINISTRATION – AIRWAYS FACILITIES BRANCH.
   - THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION – NATIONAL WEATHER BUREAU.
   - CITY OF PRESQUE ISLE
   - VERSANT POWER
   - PRESQUE ISLE UTILITY DISTRICT
   - DIG SAFE

   THE CONTRACTOR SHALL REPAIR, AT HIS/HER OWN EXPENSE, ANY UNDERGROUND OR OVERHEAD CABLES OR UTILITIES DAMAGED BY HIS/HER OPERATIONS AT NO ADDITIONAL COST TO THE OWNER INCLUDING ANY DAMAGE DONE BY DRIVING HIS/HER EQUIPMENT OVER EXISTING UNDERGROUND CABLES OR UTILITIES. THE REPAIR OF FAA CABLES SHALL BE INSPECTED AND APPROVED BY THE FAA.

6. CONTRACTOR'S STAGING AREAS AND HAUL ROUTE

   THE CONTRACTOR SHALL USE THE AREAS SHOWN ON THE PLANS FOR HIS/HER STAGING AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL IMPROVEMENTS AND RESTORATION OF THE DESIGNATED AREA, SUCH AS GRUBBING, GRADING, AND CONSTRUCTION OF GRAVEL ACCESS ROADS, THAT ARE NECESSARY FOR THE UTILIZATION OF THE AREA. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRASH PICK–UP GENERATED BY THE PROJECT. RESTROOM FACILITIES WILL BE PROVIDED AND MAINTAINED IN THE STAGING AREA BY THE CONTRACTOR. THE STAGING AREA WILL BE RESTORED BY THE CONTRACTOR, TO A CONDITION APPROVED BY THE OWNER. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY TEMPORARY ACCESS PERMITS AND ASSOCIATED FEES FOR ACCESS TO THE ADJACENT ROAD NETWORK. THERE WILL BE NO SEPARATE PAYMENT FOR THIS WORK. ALL WORK NECESSARY TO USE THE STAGING AREA AND HAUL ROUTES SHALL BE DEEMED INCIDENTAL TO THE OVERALL PROJECT. STATE AND LOCAL HIGHWAY LOAD LIMITS APPLY ON ALL HAUL ROUTES. ALL HAUL ROUTES SHALL BE RESTORED TO THE ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

7. WETLANDS. DISTURBANCE OF WETLANDS IS A POTENTIAL VIOLATION OF FEDERAL, STATE AND LOCAL REGULATIONS. NO DISTURBANCE OF WETLANDS IS INTENDED AS PART OF THIS PROJECT EXCEPT WHERE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID ANY UNAUTHORIZED DISTURBANCE OF WETLANDS AS PART OF HIS WORK. THE CONTRACTOR SHALL PAY ALL FINES ASSESSED AGAINST THE AIRPORT AND RELATED EXPENSES DUE TO VIOLATIONS CAUSED BY THE CONTRACTOR AND HIS/HER PERSONNEL, SUBCONTRACTORS, AND VENDORS. THE CONTRACTOR SHALL COMPLY WITH CONDITIONS SET FORTH IN THE WETLAND PERMITS OBTAINED FOR THE PROJECT.

8. AIRPORT OPERATIONS AND SAFETY REQUIREMENTS

   NORMAL AIRPORT OPERATIONS, WILL BE CONDUCTED DURING CONSTRUCTION. THE CONTRACTORS WORK SHALL BE CARRIED ON IN SUCH A MANNER AS NOT TO INTERFERE WITH AIRPORT OPERATIONS. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO ENSURE THE SAFETY OF OPERATING AIRCRAFT AS WELL AS HIS/HER OWN EQUIPMENT AND PERSONNEL.

   ALL CONTRACTOR'S VEHICLES SHALL HAVE THE COMPANY IDENTIFICATION PLAINLY VISIBLE ON BOTH SIDES OF THE VEHICLE IN ORDER TO IDENTIFY THE VEHICLE.

   THE CONTRACTOR SHALL HAVE A POWER SWEEPER ON THE SITE WHEN REQUIRED TO SWEEP PAVEMENTS IN WORK AREAS AND HAUL ROUTES AS DIRECTED BY THE ENGINEER.

   PRESQUE ISLE GROUND RADIO FREQUENCY IS 122.8 MHZ.

9. SPILL PREVENTION. CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM CONSTRUCTION AND WASTE MATERIALS STORED ON SITE TO ENTER STORMWATER, WHICH INCLUDES STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER. THE SITE CONTRACTOR OR OPERATOR MUST DEVELOP, AND IMPLEMENT AS NECESSARY, APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING MEASURES.

   NOTE: ANY SPILL OR RELEASE OF TOXIC OR HAZARDOUS SUBSTANCES MUST BE REPORTED TO THE DEPARTMENT. FOR OIL SPILLS, CALL 1–800–482–0777 WHICH IS AVAILABLE 24 HOURS A DAY. FOR SPILLS OF TOXIC OR HAZARDOUS MATERIAL, CALL 1–800–452–4664 WHICH IS AVAILABLE 24 HOURS A DAY. FOR MORE INFORMATION, VISIT THE DEPARTMENT'S WEBSITE AT: HTTP://WWW.MAINE.GOV/DEP/SPILLS/EMERGSPILLRESP/

10. GROUNDWATER PROTECTION. DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS, TOPOGRAPHY AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.

11. FUGITIVE SEDIMENT AND DUST. ACTIONS MUST BE TAKEN TO ENSURE THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL, BUT OTHER WATER ADDITIVES MAY BE CONSIDERED AS NEEDED. A STABILIZED CONSTRUCTION ENTRANCE (SCE) SHOULD BE INCLUDED TO MINIMIZE TRACKING OF MUD AND SEDIMENT. IF OFF–SITE TRACKING OCCURS, PUBLIC ROADS SHOULD BE SWEPT IMMEDIATELY AND NO LESS THAN ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS. OPERATIONS DURING DRY MONTHS, THAT EXPERIENCE FUGITIVE DUST PROBLEMS, SHOULD WET DOWN UNPAVED ACCESS ROADS ONCE A WEEK OR MORE FREQUENTLY AS NEEDED WITH A WATER ADDITIVE TO SUPPRESS FUGITIVE SEDIMENT AND DUST.

12. DEBRIS AND OTHER MATERIALS. MINIMIZE THE EXPOSURE OF CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS, TRASH, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS TO PRECIPITATION AND STORMWATER RUNOFF. THESE MATERIALS MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.

    NOTE: TO PREVENT THESE MATERIALS FROM BECOMING A SOURCE OF POLLUTANTS, CONSTRUCTION AND POST–CONSTRUCTION ACTIVITIES RELATED TO A PROJECT MAY BE REQUIRED TO COMPLY WITH APPLICABLE PROVISION OF RULES RELATED TO SOLID, UNIVERSAL, AND HAZARDOUS WASTE, INCLUDING, BUT NOT LIMITED TO, THE MAINE SOLID WASTE AND HAZARDOUS WASTE MANAGEMENT RULES; MAINE HAZARDOUS WASTE MANAGEMENT RULES; MAINE OIL CONVEYANCE AND STORAGE RULES; AND MAINE PESTICIDE REQUIREMENTS.

13. EXCAVATION DE–WATERING. EXCAVATION DE–WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER REMOVED FROM THE PONDED AREA, EITHER THROUGH GRAVITY OR PUMPING, MUST BE SPREAD THROUGH NATURAL WOODED BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE TAKEN IF APPROVED BY MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEPARTMENT).

    NOTE: DEWATERING CONTROLS ARE DISCUSSED IN THE "MAINE EROSION AND SEDIMENT CONTROL BMPS, MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION."

14. AUTHORIZED NON–STORMWATER DISCHARGES. IDENTIFY AND PREVENT CONTAMINATION BY NON–STORMWATER DISCHARGES. WHERE ALLOWED NON–STORMWATER DISCHARGES EXIST, THEY MUST BE IDENTIFIED AND STEPS SHOULD BE TAKEN TO ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON–STORMWATER COMPONENT(S) OF THE DISCHARGE. AUTHORIZED NON–STORMWATER DISCHARGES ARE:

    (A) DISCHARGES FROM FIREFIGHTING ACTIVITY;

    (B) FIRE HYDRANT FLUSHINGS;

    (C) VEHICLE WASHWATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO THE EXTERIOR OF VEHICLES (ENGINE, UNDERCARRIAGE AND TRANSMISSION WASHING IS PROHIBITED);

    (D) DUST CONTROL RUNOFF IN ACCORDANCE WITH PERMIT CONDITIONS AND APPENDIX (C)(3);

    (E) ROUTINE EXTERNAL BUILDING WASHDOWN, NOT INCLUDING SURFACE PAINT REMOVAL, THAT DOES NOT INVOLVE DETERGENTS;

    (F) PAVEMENT WASHWATER (WHERE SPILLS/LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED, UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERGENTS ARE NOT USED;

    (G) UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE;

    (H) UNCONTAMINATED GROUNDWATER OR SPRING WATER;

    (I) FOUNDATION OR FOOTER DRAIN–WATER WHERE FLOWS ARE NOT CONTAMINATED;

    (J) UNCONTAMINATED EXCAVATION DEWATERING (SEE REQUIREMENTS IN APPENDIX C(5));

    (K) POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS; AND

    (L) LANDSCAPE IRRIGATION.

15. UNAUTHORIZED NON–STORMWATER DISCHARGES. THE DEPARTMENT'S APPROVAL UNDER THIS CHAPTER DOES NOT AUTHORIZE A DISCHARGE THAT IS MIXED WITH A SOURCE OF NON_STORMWATER, OTHER THAN THOSE DISCHARGES IN COMPLIANCE WITH APPENDIX C (6). SPECIFICALLY, THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE DISCHARGES OF THE FOLLOWING:

    (A) WASTEWATER FROM THE WASHOUT OR CLEANOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS;

    (B) FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;

    (C) SOAPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING; AND

    (D) TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE.

GENERAL CIVIL NOTES

1. THE EXISTING SITE CONDITIONS DEPICTED HEREON ARE THE RESULTS OF AN ON THE GROUND SURVEY CONDUCTED BY HALEY WARD, INC ON SEPTEMBER 6, 2023, AS WELL AS EXISTING AIRPORT BASEPLAN FILE, LIDAR CONTOURS, GIS UTILITY PLANS AND OTHER DESIGN DRAWINGS PROVIDED BY THE CITY OF PRESQUE ISLE.
2. THE CONTRACTOR SHALL VERIFY AND DETERMINE THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS PRIOR TO THE START OF ANY CONSTRUCTION. THE CONTRACTOR SHALL LOCATE THE UTILITIES SHOWN AND THE POSSIBLE EXISTENCE OF OTHER UNDERGROUND UTILITIES BY PROVIDING OBSERVATION TEST PITS. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES ARE FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION SHALL BE AGREED TO BY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT "DIGSAFE" (DIAL 811), THE AIRPORT AND CITY OF AUBURN AT LEAST 72 HOURS BEFORE DIGGING.
3. THIS PROJECT IS TO BE CONSTRUCTED TO THE TYPICAL SECTIONS AND DETAILS SHOWN ON THE PLANS, AND SHALL MEET THE STANDARDS OF THE MAINEDOT AND CITY OF PRESQUE ISLE.
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, TEMPORARY UTILITIES AND COORDINATION WITH ALL AGENCIES IN OBTAINING ACCESS TO THE SITE AND PERFORMING ALL WORK REQUIRED FOR THIS PROJECT.
5. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING REPRODUCED PLANS. IN CASE OF CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWING AND/OR SPECIFICATION, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATIONS.
6. CONTRACTOR SHALL PROTECT AND MAINTAIN EXISTING BENCHMARKS AND BOUNDS. ALL BENCHMARKS AND BOUNDS DISTURBED BY THE CONTRACTOR SHALL BE RE–ESTABLISHED BY A MAINE REGISTERED LAND SURVEYOR AT NO EXPENSE TO THE OWNER.
7. THE CONTRACTOR SHALL PERFORM ALL THE CLEARING AND GRUBBING NECESSARY WITHIN THE CONSTRUCTION AREA, LIMITING THE AMOUNT OF CLEARING AND GRUBBING TO THE EXTENT POSSIBLE.
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY EXCAVATION SAFEGUARDS, NECESSARY BARRICADES, FLAGGERS, ETC., FOR TRAFFIC CONTROL AND SITE SAFETY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL WORK IS DONE IN ACCORDANCE WITH OSHA REQUIREMENTS.
9. ALL DEWATERING MUST BE EXECUTED IN ACCORDANCE WITH THE PLANS. REGULATIONS PROHIBIT DISCHARGING GROUNDWATER TO A SANITARY OR COMBINED SEWER WITHOUT PERMISSION.
10. WHEN PREPARING THE EXISTING SITE FOR THE PROPOSED DEVELOPMENT, ALL MATERIALS REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL GOVERNING AGENCIES.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE CONDITIONS OF THE SITE.
12. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS WITHIN THE LIMIT OF WORK.
13. THE CONTRACTOR SHALL SUBMIT AS–BUILT PLANS PDF AND IN DIGITAL FORMAT (AUTOCAD .DWG FORMAT) ON CD TO THE OWNER UPON COMPLETION OF THE PROJECT. AS–BUILTS SHALL BE PREPARED AND CERTIFIED BY A REGISTERED MAINE LAND SURVEYOR OR PROFESSIONAL ENGINEER.
14. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS (PIPE, CASTINGS, STRUCTURES, ETC.) TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
17. ALL SIGNAGE SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

DRAINAGE NOTES:

1. THE STORM DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO LINE AND GRADE AS SHOWN ON THE PLANS. ALL PIPE MATERIALS SHALL BE AS SPECIFIED ON THE PLANS. CONSTRUCTION METHODS SHALL CONFORM TO MAINE DOT STANDARD SPECIFICATIONS. CATCH BASINS AND DRAIN MANHOLES SHALL CONFORM TO THE SPECIFICATIONS.
2. PROPOSED RIM ELEVATIONS OF DRAINAGE MANHOLES AND CATCH BASINS ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISH GRADES.
3. THE CONTRACTOR SHALL PROVIDE FOR THE HANDLING OF EXISTING FLOWS FROM SERVICE CONNECTIONS AND MAINLINE PIPES. THE EXISTING SEWERS AND DRAINS HAVE ACTIVE FLOWS AND THE CONTRACTOR SHALL MAINTAIN CONTINUOUS FLOW WITHOUT RESTRICTIONS.
4. THE CONTRACTOR SHALL STABILIZE ANY AND ALL DITCHES, SWALES AND PONDS PRIOR TO DIRECTING STORM WATER RUN–OFF TO THEM.
5. WHEN CONNECTING NEW PIPES TO EXISTING STRUCTURES SUCH AS MANHOLES AND CATCH BASINS, THE STRUCTURE SHALL BE COMPLETELY CLEANED OUT. THE HOLE MADE IN THE STRUCTURE SHALL BE AS SMALL AS NECESSARY. THE STRUCTURE SHALL BE REPAIRED TO MATCH ITS ORIGINAL TYPE OF CONSTRUCTION. THE JOINT BETWEEN THE STRUCTURE AND THE PIPE SHALL BE MADE WATERTIGHT BY FILLING THE JOINT WITH MORTAR.
6. THE CONTRACTOR SHALL CLEAN THE ENTIRE STORMWATER SYSTEM OF ALL SEDIMENT AND DEBRIS, WITHIN THE LIMIT OF WORK UPON COMPLETION OF CONSTRUCTION.
7. ALL DRAIN PIPE WITH LESS THAN 3' OF COVER SHALL BE INSULATED. INSULATION SHALL BE RIGID CLOSED CELL WITH A MINIMUM R VALUE OF 10.

EARTHWORK & GRADING NOTES:

1. PROVIDE UNIFORM SLOPE BETWEEN CONTOURS AND/OR SPOT ELEVATIONS.
2. GENERAL FILL BEYOND PAVED AREAS SHALL BE FREE OF BRUSH RUBBISH, STUMPS, AND STONES LARGER THAN 8". FILL SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED 12" IN THICKNESS. THE DRY DENSITY AFTER COMPACTION SHALL NOT BE LESS THAN 95% OF THE STANDARD PROCTOR TEST AND DONE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM D698.
3. AFTER THE AREAS TO BE TOPSOILED HAVE BEEN BROUGHT TO GRADE, THE SUBGRADE SHALL BE LOOSENED BY SCARIFYING TO A DEPTH OF AT LEAST 2" TO ENSURE BONDING OF THE TOPSOIL AND SUBSOIL.
4. FILL OR TOPSOIL SHALL NEITHER BE PLACED NOR COMPACTED WHILE IN A FROZEN OR MUDDY CONDITION OR WHILE SUBGRADE IS FROZEN.
5. FINISH PAVEMENT SURFACES AND LAWN AREAS SHALL BE FREE OF LOW SPOTS AND PONDING AREAS.
6. ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS THAT DO NOT HAVE A SURFACE TREATMENT SPECIFICALLY SPECIFIED SHALL BE RESTORED TO A MINIMUM OF 6–INCHES OF SEEDED TOPSOIL, FERTILIZER, AND MULCH.
7. THE CONTRACTOR SHALL REMOVE, CONTAIN, TEST AND DISPOSE OF EXCAVATED SOILS IN ACCORDANCE WITH THE MAINEDOT STANDARD SPECIFICATIONS.

UTILITY NOTES:

1. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA AND SHALL COORDINATE WITH THE UTILITY COMPANIES FOR RELOCATING AND/OR SUPPORTING THEIR UTILITIES IN ACCORDANCE WITH THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO EXISTING FACILITIES AT ALL TIMES. IF ANY DISRUPTION MUST OCCUR, CONTRACTOR SHALL NOTIFY AND COORDINATE WITH FACILITY AND OWNER AT LEAST 72 HOURS IN ADVANCE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF EXISTING UTILITIES AND STRUCTURES DAMAGED OR REMOVED BY THE CONTRACTOR DURING THEIR OPERATIONS.
4. THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES, AND ARRANGE FOR ALL INSPECTIONS.
5. FINAL ELEVATIONS OF UTILITY STRUCTURES ARE TO BE SET FLUSH WITH FINISH GRADES. ADJUST ALL OTHER RIM ELEVATIONS OF MANHOLES, WATER GATES, GAS GATES, AND OTHER UTILITIES TO FINISHED GRADE WITHIN LIMITS OF WORK.
6. DURING EXCAVATION, IT SHOULD BE ANTICIPATED THAT EXISTING UTILITIES AND SEWERS MAY BE EXPOSED. THE CONTRACTOR SHALL PROVIDE PROTECTION AND SUPPORT OF THESE FACILITIES AND REPAIR ANY DAMAGE CAUSED BY THE WORK IN A MANNER SATISFACTORY TO THE OWNER.
7. ALL ELECTRIC MATERIAL WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRIC CODE AS WELL AS STATE AND LOCAL CODES.
8. INSTALL NYLON PULL ROPES IN UNDERGROUND CONDUITS TO FACILITATE PULLING CABLES.
9. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL HANDHOLES, FITTINGS, CONNECTORS, COVER PLATES, AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER INSTALLATION OF UTILITIES COMPLETE AND OPERATIONAL.
10. THE CONTRACTOR SHALL REVIEW THE LOCATION OF ALL OVERHEAD WIRES WITHIN THE PROJECT AREA IN THE FIELD TO DETERMINE THEIR IMPACT ON CONSTRUCTION MEANS AND METHODS.
11. THE NUMBER, TYPE, AND SIZE OF UTILITY CONDUITS SHALL BE DETERMINED BY THE UTILITY COMPANY.
12. THE EXACT LOCATIONS OF NEW UTILITY SERVICES SHALL BE DETERMINED BY THE UTILITY COMPANY.
13. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
14. ALL ON–SITE UTILITIES SHALL BE UNDERGROUND.

LANDSCAPE NOTES:

1. ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED IN THE LANDSCAPE PLANS.
2. THE CONTRACTOR SHALL LOCATE, VERIFY, AND MARK ALL EXISTING AND NEWLY INSTALLED UNDERGROUND UTILITIES PRIOR TO ANY WORK. ANY CONFLICTS WHICH MIGHT OCCUR BETWEEN PLANTING AND UTILITIES SHALL BE IMMEDIATELY REPORTED TO THE OWNER SO THAT ALTERNATE PLANTING LOCATIONS CAN BE DETERMINED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PLANTING AND LAWNS AGAINST DAMAGE FROM ONGOING CONSTRUCTION. THIS PROTECTION SHALL BEGIN AT THE TIME THE PLANT IS INSTALLED UNTIL FORMAL ACCEPTANCE OF ALL THE PLANTING.

PAVING NOTES:

1. ALL TOPSOIL, LOOSE OR FROZEN SOILS, ORGANIC MATERIAL, DELETRIOUS MATERIAL AND OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM AREAS OF CONSTRUCTION.
2. SURFACE GRADING SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM CONSTRUCTED FACILITIES, BOTH DURING AND AFTER CONSTRUCTION. EXCAVATION SHALL BE COMPLETED IN–THE–DRY. IF NECESSARY, OPEN PUMPING METHODS SHALL BE SUFFICIENT TO ACHIEVE THIS.
3. CONTRACTOR SHALL COMPLY WITH MAINEDOT STANDARD SPECIFICATIONS.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
GENERAL NOTES

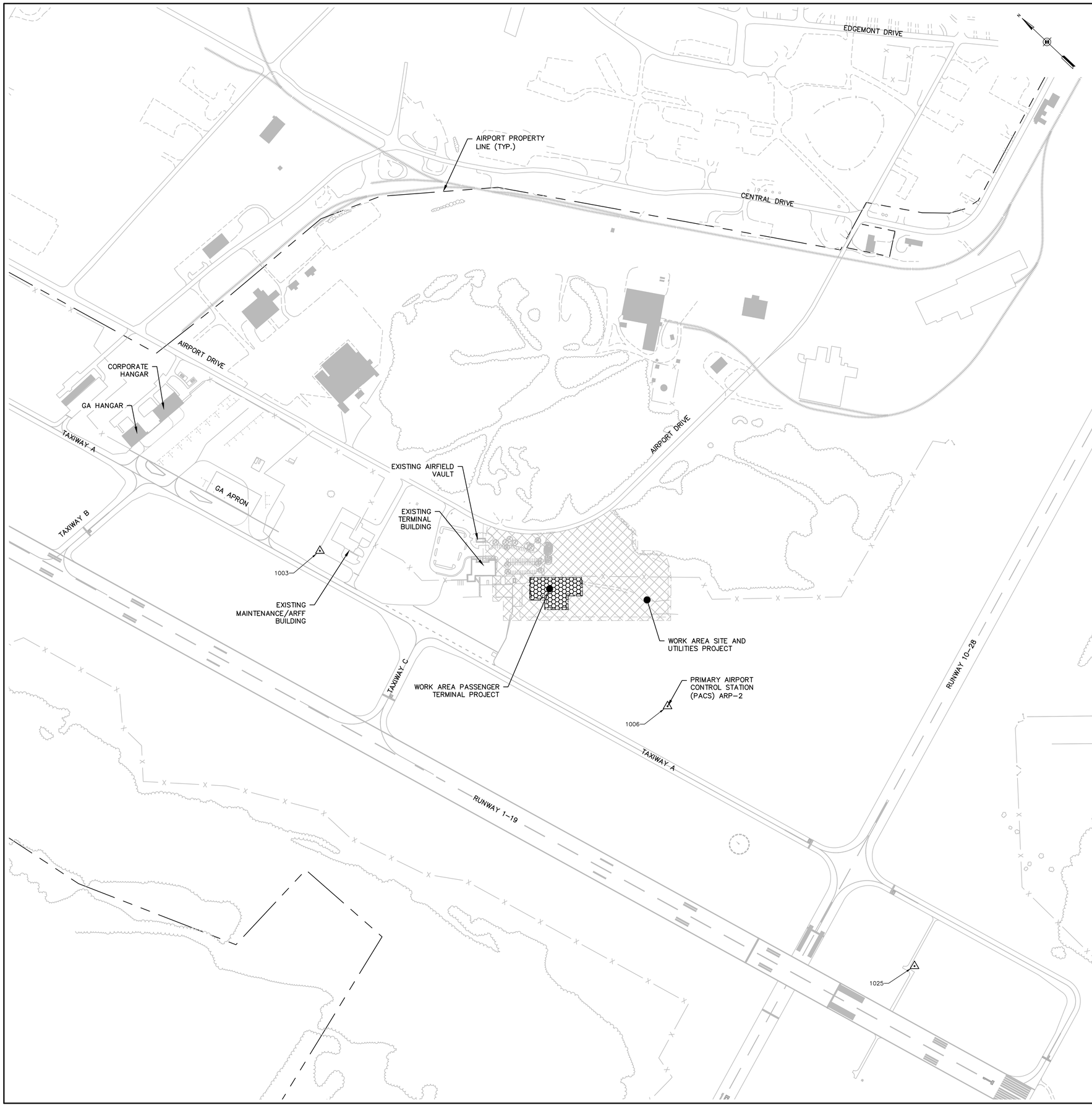
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C0.002



GENERAL PLAN NOTES:

1. HAUL ROUTES. WHEN PUBLIC HIGHWAYS ARE USED FOR HAUL ROUTES, THE CONTRACTOR SHALL OBTAIN THE PROPER PERMITS NEEDED FOR THIS FUNCTION AND SHALL OBEY ALL RULES AND REGULATIONS PERTINENT TO THE PUBLIC HIGHWAYS.

2. DEBRIS AND DUST CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGHLY CLEANING VEHICLE TIRES PRIOR TO THE VEHICLES LEAVING THE WORK AREA. AT THE END OF EACH SHIFT, THE CONTRACTOR AND THE ENGINEER SHALL INSPECT THE ADJACENT ROADWAYS AS WELL AS PAVED HAUL ROUTES USED BY THE CONTRACTOR WITHIN AIRPORT PROPERTY, AND CLEAN AS NECESSARY.

3. HAUL ROAD MAINTENANCE. HAUL ROADS DAMAGED BY THE CONTRACTOR'S EQUIPMENT SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION BEFORE THE CONTRACT WILL BE CONSIDERED COMPLETE. ALL COSTS FOR RESTORATION OF HAUL ROADS SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS PROJECT ITEMS.

4. STAGING AREA. THE AREA FOR THE LOCATION OF THE CONTRACTOR'S EMPLOYEE PARKING AND FOR STORING MATERIALS, AND PARKING CONSTRUCTION EQUIPMENT IS SHOWN ON THE DRAWINGS. THE ACTUAL SIZE OF THE CONTRACTOR'S STAGING AREA SHALL BE AS DIRECTED BY THE ENGINEER PRIOR TO COMMENCING WITH CONSTRUCTION. THE LIMITS OF THE STAGING AREA SHALL BE DELINEATED WITH GRADE STAKES.

5. TEMPORARY FENCING AND GATES. THE CONTRACTOR (AND THEIR SUBCONTRACTORS) SHALL PROVIDE ALL NECESSARY TEMPORARY FENCING AND GATES TO PROTECT MATERIALS AND EQUIPMENT FROM PILFERAGE. THE OWNER SHALL NOT BE RESPONSIBLE FOR ANY VANDALIZED EQUIPMENT OR MATERIAL STORED ON AIRPORT PROPERTY.

6. CONTRACTOR AREA MAINTENANCE. ANY AREA OCCUPIED BY THE CONTRACTOR SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDITION SATISFACTORY TO THE AIRPORT DIRECTOR AND ENGINEER.

7. FINAL CLEAN-UP. AT THE COMPLETION OF THE CONTRACT, ALL CONTRACTOR'S AND SUBCONTRACTOR'S FACILITIES SHALL BE REMOVED PROMPTLY AND THE AREA LEFT CLEAN AND FREE OF ALL DEBRIS AND SURPLUS MATERIAL. ANY DISTURBED AREAS WITHIN THE SITE (INCLUDING ALL WORK AREAS AND STAGING AREAS) SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. FAILURE TO DO SO SHALL RESULT IN LIQUIDATED DAMAGES BEING ASSESSED AT $2,000 PER DAY UNTIL REMOVED TO THE SATISFACTION OF THE AIRPORT DIRECTOR AND ENGINEER. ALL COSTS ASSOCIATED WITH SITE RESTORATION SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PROJECT ITEMS.

8. VEHICLE PARKING. CONSTRUCTION VEHICLES MUST BE PARKED WITHIN THE PROJECT LIMITS, OUTSIDE OF ANY ACTIVE TAXIWAY AND RUNWAY OBJECT FREE AREA AS SHOWN ON DRAWING PH-1. ALL OTHER CONTRACTOR VEHICLES WILL BE PARKED IN THE STAGING AREAS AS SHOWN ON THE PLANS. NO CONTRACTOR EMPLOYEE PARKING SHALL BE ALLOWED IN THE AIRPORT PUBLIC OR TERMINAL PARKING AREA, OR ALONG AIRPORT ROADWAYS.

9. UNSUITABLE MATERIAL AND DEBRIS. ALL UNSUITABLE MATERIAL AND UNUSED CONSTRUCTION DEBRIS SHALL BE IMMEDIATELY REMOVED FROM THE AIRFIELD AND LEGALLY DISPOSED OF OFF AIRPORT PROPERTY BY THE CONTRACTOR. THE DISPOSAL SHALL BE INCIDENTAL TO THE ITEM THAT GENERATES THE MATERIAL.

CONTROL POINTS			
POINT #	RAW DESCRIPTION	NORTHING	EASTING
1003	PK FND	1104080.3435	1097844.4457
1006	DISK	1102185.5510	1098509.9076
1016	MG NL	1102001.4619	1102777.2073
1025	DISK	1100297.7087	1098410.3434
1052	PK	1106567.1978	1096419.9524

SURVEY CONTROL POINTS CONTAINED ON THIS DRAWING WERE OBTAINED FROM ON-SITE SURVEY PERFORMED BY HALEY WARD INC., IN SEPTEMBER 2023. AMERICAN DATUM OF 1983.

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE, ME.

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
GENERAL PLAN AND AIRFIELD SURVEY CONTROL

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C1.100

SAFETY AND PHASING PLAN NOTES

1. SAFETY REQUIREMENTS. THE PRESQUE ISLE INTERNATIONAL AIRPORT WILL REMAIN ACTIVE AND OPEN TO PUBLIC USE TO THE EXTENT PRACTICABLE THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL STRICTLY COMPLY WITH ALL PRESCRIBED SAFETY REQUIREMENTS AS INDICATED ON THIS PLAN, AS CONTAINED IN THE CONTRACT GENERAL AND SPECIAL PROVISIONS, AS SPECIFIED IN THE APPLICABLE REFERENCED PUBLICATIONS, AND AS DIRECTED BY THE OWNER, ENGINEER, AND THE FEDERAL AVIATION ADMINISTRATION (FAA).

2. WORK PHASING. THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION WORK ACTIVITIES WITHIN THE PRESCRIBED CONTRACT PHASING GUIDANCE. PHASING REQUIREMENTS ARE INTENDED TO ALLOW AIRPORT OPERATIONS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND ARE SUBJECT TO REVISION BY THE OWNER AT ANY TIME. THE CONTRACTOR SHALL BE PREPARED TO RE-SCHEDULE WORK ACTIVITIES ON SHORT NOTICE TO ALLOW PUBLIC USE OF THE AIRFIELD FACILITIES TO SUPPORT THE OPERATIONAL NEEDS OF THE AIRPORT. REFER TO THE CONTRACT SPECIAL PROVISIONS AND THIS DRAWINGS FOR FURTHER DETAILS.

3. PUBLIC AVAILABILITY OF AIRPORT FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE ACTIVITIES AND MAKE PROVISIONS TO ENSURE THAT SAFE PUBLIC ACCESS IS MAINTAINED TO RUNWAYS, TAXIWAYS, AIRCRAFT APRONS, HANGARS, TERMINAL AREA, AIRCRAFT FUEL PUMPS, AND OTHER AIRPORT FACILITIES THROUGHOUT THE CONSTRUCTION PERIOD.

4. WORK HOURS. THERE ARE NO LIMITATIONS TO THE WORK HOURS PROVIDED THAT ALL OF THE SAFETY REQUIREMENTS ARE FOLLOWED.

5. PERFORMANCE PERIOD. THE PRESCRIBED CONTRACT PERFORMANCE PERIOD SHALL CONSIST OF A TOTAL OF 546 CONSECUTIVE CALENDAR DAYS.

6. CONSTRUCTION SCHEDULING. THE CONTRACTOR SHALL SCHEDULE ALL WORK ACTIVITIES A MINIMUM OF 48 HOURS IN ADVANCE.

7. OBSTRUCTION EVALUATION. THE CONTRACTOR RESPONSIBLE TO FILE FOR AN OBSTRUCTION EVALUATION FOR CONSTRUCTION EQUIPMENT THAT WILL EXCEED 20' ABOVE GROUND LEVEL (AGL) THROUGH THE WEBSITE OEAAA.FAA.GOV. THE CONTRACTOR SHALL PROVIDE THE APPROVED EVALUATION PRIOR TO USE OF EQUIPMENT THAT EXCEEDS 20' AGL.

7. AIR OPERATIONS AREAS (AOAS). ALL CONTRACTOR EQUIPMENT AND PERSONNEL SHALL REMAIN OUTSIDE ACTIVE AOAS AT ALL TIMES EXCEPT AS ALLOWED UNDER THE WORK PHASING REQUIREMENTS AND WITH THE APPROVAL OF THE ENGINEER. REFER TO THE CONTRACT SPECIAL PROVISIONS AND THE LATEST VERSION OF FAA ADVISORY CIRCULAR 150/5370-2, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION". AOA LIMITS PRESCRIBED FOR THIS CONTRACT INCLUDE ALL AREAS WITHIN THE AIRPORT FENCE.

8. RUNWAY AND TAXIWAY CLOSURES. WORK WITHIN A RUNWAY OR TAXIWAY OBJECT FREE AREA SHALL REQUIRE A RUNWAY OR TAXIWAY CLOSURE OR CAUTION. ALL RUNWAY OR TAXIWAY CLOSURES OR CAUTIONS SHALL BE COORDINATED A MINIMUM OF 48 HOURS IN ADVANCE WITH THE ENGINEER. WHEN WORKING UNDER A CAUTION, ALL ADJACENT PAVEMENT SHALL BE AVAILABLE FOR AIRPORT OPERATIONS. THE CONTRACTOR SHALL CONDUCT ALL CONSTRUCTION ACTIVITIES IN A MANNER SUCH THAT NO INTERFERENCE WITH AIRPORT OPERATIONS SHALL OCCUR.

9. CONTRACTOR VEHICLES. CONTRACTOR VEHICLES AND EQUIPMENT MUST AT ALL TIMES GIVE WAY TO AIRPORT OPERATIONS, SUPPORT VEHICLES, AND EMERGENCY VEHICLES.

10. NOTICES TO AIRMEN (NOTAMS). NOTAMS SHALL BE ISSUED BY THE OWNER IN CLOSE COORDINATION WITH THE CONTRACTOR. NOTAMS SHALL BE ISSUED FOR ALL RUNWAY AND TAXIWAY CLOSURES AND FOR CONSTRUCTION ON AIRPORT PROPERTY. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS ADVANCE NOTICE OF WHEN SUCH NOTAMS WILL BE REQUIRED UNLESS OTHERWISE SPECIFIED.

11. PROTECTION OF AIRSPACE, NAVAIDS AND AIRFIELD LIGHTING SYSTEMS. ALL MATERIALS, VEHICLES AND EQUIPMENT SHALL BE POSITIONED TO AVOID CREATING OBSTRUCTIONS TO PROTECTED RUNWAY AIRSPACE. CAUTION SHALL BE CONTINUOUSLY EXERCISED TO PROTECT AIRFIELD NAVIGATIONAL AIDS (NAVAIDS), SIGNS AND LIGHTING SYSTEMS FROM DAMAGE OR FUNCTIONAL INTERFERENCE FROM CONSTRUCTION ACTIVITIES.

12. TEMPORARY HAUL ROUTES. APPROXIMATE LOCATIONS OF HAUL ROUTES ARE SHOWN ON THIS PLAN. THE EXACT LOCATION OF HAUL ROUTES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. HAUL ROUTES SHALL BE CLEARLY MARKED ON THE AIRFIELD FOR THE DURATION OF THE PROJECT TO ENSURE THAT CONSTRUCTION VEHICLES DO NOT STRAY BEYOND APPROVED GROUND VEHICLE LIMITS. TEMPORARY HAUL ROUTES SHALL BE FULLY RESTORED AS SOON AS THEY ARE NO LONGER NEEDED AT NO COST TO THE OWNER. THERE IS NOT A SEPARATE PAY ITEM FOR THIS WORK AND IT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

13. AIRPORT SECURITY DURING CONSTRUCTION. THE CONTRACTOR SHALL ENSURE THAT ALL TEMPORARY HAUL ROUTES ARE PROPERLY SIGNED, GATED, AND SECURED AT ALL TIMES TO PREVENT UNAUTHORIZED VEHICLES FROM ENTERING AIRPORT PROPERTY DURING THE CONSTRUCTION PERIOD. WHERE EXISTING GATES DO NOT EXIST, THE CONTRACTOR SHALL PROVIDE TEMPORARY GATES AT AIRFIELD ACCESS POINTS AS SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR THE DURATION OF THE PROJECT TO MAINTAIN THE FENCE LINE AND GATES IN SECURE AND GOOD CONDITION, AND REPAIR OR REPLACE ANY FENCING OR GATE SYSTEM COMPONENTS THAT ARE DAMAGED BY THE CONTRACTOR'S ACTIVITIES.

14. GATE SECURITY. ALL GATES SHALL BE LOCKED AT ALL TIMES WHEN NOT IN USE.

15. AIRPORT RADIOS. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF THREE (3) AVIATION UNICOM RADIO FOR USE BY THE CONTRACTOR THROUGHOUT THE DURATION OF THE PROJECT. EACH RADIO SHALL BE CAPABLE OF TRANSMITTING ON FREQUENCY 122.80 MHZ AND SHALL BE EQUIPPED WITH A RECHARGING UNIT. THE CONTRACTOR SHALL CONTINUOUSLY MONITOR LOCAL AIR TRAFFIC AT ALL TIMES WHEN ITS FORCES ARE LOCATED ON THE AIRFIELD.

16. RUNWAY, TAXIWAY AND APRON CROSSINGS. THE CROSSING OF ACTIVE RUNWAYS, TAXIWAYS, APRONS, OR SAFETY AREAS SHALL NOT BE PERMITTED AT ANY TIME WITHOUT PRIOR APPROVAL FROM THE ENGINEER AND IN THE PRESENCE OF A QUALIFIED RADIO EQUIPPED ESCORT. IMMEDIATELY FOLLOWING VEHICLE OR EQUIPMENT MOVEMENTS ON AIRFIELD PAVEMENT, THE CONTRACTOR SHALL CAREFULLY INSPECT AND REMOVE ALL STONES, MUD, OR OTHER FOREIGN OBJECT DEBRIS (FOD) THAT MAY BE PRESENT.

17. VEHICLE MARKINGS. CONTRACTOR VEHICLES AND EQUIPMENT SHALL BE MARKED AND LIGHTED WITH FLASHING YELLOW BEACONS IN ACCORDANCE WITH THE LATEST VERSION OF FAA ADVISORY CIRCULAR 150/5210-5. CONTRACTOR ESCORT VEHICLES AND FLAG PERSONS SHALL BE PROVIDED WHEN CROSSING ACTIVE OBJECT FREE AREAS AS DEEMED NECESSARY BY THE ENGINEER AS AN INCIDENTAL CONTRACT REQUIREMENT.

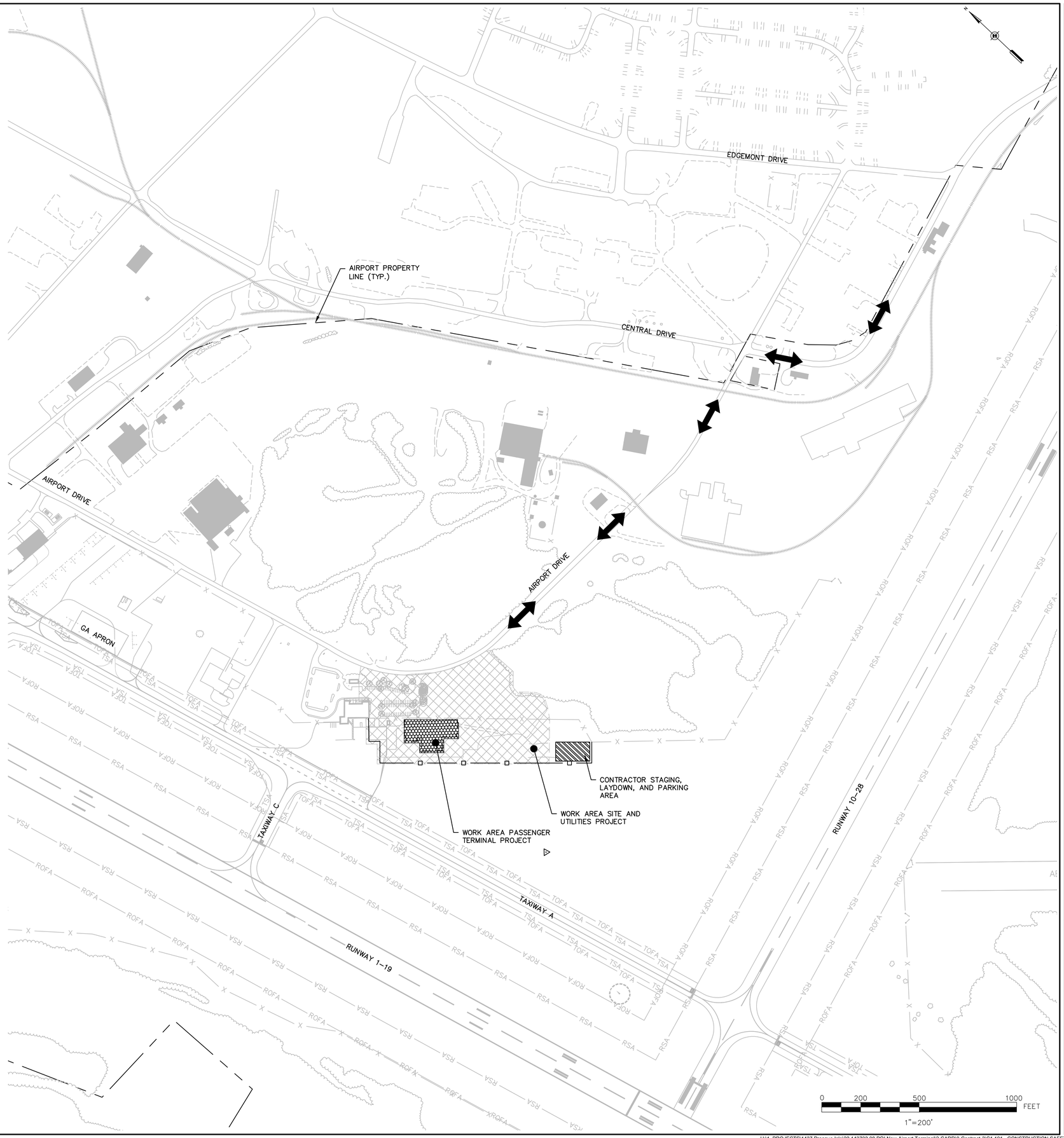
18. PERSONNEL SAFETY VESTS. ALL CONTRACTOR PERSONNEL WORKING ON THE AIRFIELD SHALL WEAR INDIVIDUAL REFLECTIVE CONSTRUCTION SAFETY VESTS.

19. CONTRACTOR STAGING AND STOCKPILE AREA. THE LOCATION OF ALL CONTRACTOR STAGING, EQUIPMENT PARKING, AND MATERIAL STOCKPILE AREAS SHALL BE APPROVED IN ADVANCE BY THE OWNER OR ENGINEER AND SHALL BE LOCATED OUTSIDE ALL RUNWAY AND TAXIWAY OBJECT FREE AREAS. EQUIPMENT AND MATERIAL SHALL REMAIN BELOW THE AIRPORT'S PROTECTED AIRSPACE SURFACES AS DETERMINED BY THE ENGINEER WHEN RUNWAY IS ACTIVE. APPROXIMATE LOCATIONS OF STAGING AND PARKING AREAS ARE SHOWN ON THE PLANS AND SHALL ONLY BE REVISED WITH THE APPROVAL OF THE OWNER OR ENGINEER. THE CONTRACTOR SHALL RESTORE ALL STAGING, PARKING, AND STOCKPILE AREAS AT THE COMPLETION OF THE PROJECT AS DIRECTED BY THE ENGINEER AND WITHOUT ADDITIONAL EXPENSE TO THE OWNER.

20. DAILY INSPECTIONS. AT THE COMPLETION OF WORK EACH DAY, THE CONTRACTOR SHALL INSPECT THE WORK AREA AND VERIFY THAT ALL BARRICADES, ARE IN PLACE AND IN GOOD WORKING ORDER. THE CONDITION OF ALL LIGHTED BARRICADES IS SUBJECT TO THE OWNER'S APPROVAL PRIOR TO THE CONTRACTOR LEAVING THE SITE FOR THE DAY. INSPECTION WILL ALSO VERIFY THAT ALL STOCKPILES AND CONTRACTOR EQUIPMENT ARE IN COMPLIANCE WITH SAFETY PLAN REQUIREMENTS. IN ADDITION, THE CONDITION OF THE WORK SITE SHALL BE ACCEPTED BY THE OWNER PRIOR TO THE CONTRACTOR LEAVING THE SITE FOR THE DAY.

21. WASTE DISPOSAL AREAS. THERE IS NO WASTE DISPOSAL AREA ON THE WORK SITE FOR UNSUITABLE MATERIAL OR FOR ANY OTHER TYPE OF WASTE OR CONSTRUCTION DEMOLITION DEBRIS. THE CONTRACTOR SHALL DISPOSE OF ALL DEBRIS AND UNSATISFACTORY MATERIAL OFF AIRPORT PROPERTY IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

22. SURVEY CONTROL AND CONSTRUCTION LAYOUT. THE CONTRACTOR SHALL VERIFY AND DOCUMENT THE ACCURACY OF EXISTING CONDITIONS AND INDICATED SURVEY CONTROLS PRIOR TO THE START OF ANY WORK ACTIVITIES. ANY DISCREPANCIES THAT ARE NOTED SHALL BE REPORTED TO THE OWNER OR ENGINEER IMMEDIATELY. ALL CONSTRUCTION LAYOUT ASSOCIATED WITH PROPOSED IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
GENERAL CONSTRUCTION SAFETY AND PHASING PLAN

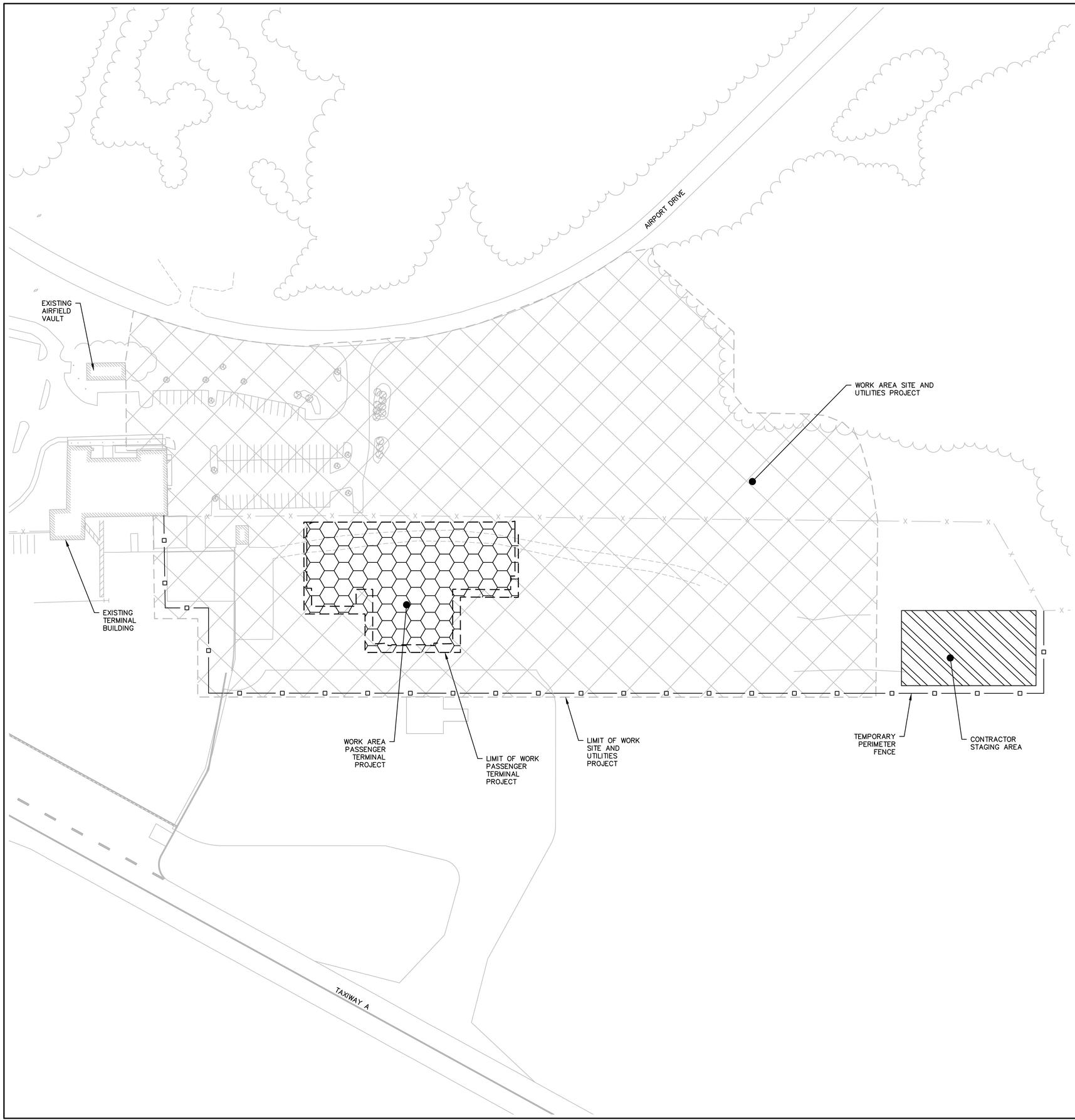
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C1.101



TRAFFIC CONTROL NOTES:

1. TRAFFIC CONTROL DEVICES SHALL CONFORM TO SECTION 652 OF THE MAINEDOT STANDARD SPECIFICATIONS, AND THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION AND ADOPTED BY THE COMMISSIONER OF THE MAINE DEPARTMENT OF TRANSPORTATION. SIGNS SHALL ALSO CONFORM TO THE USDOT STANDARD HIGHWAY SIGNS AND MAINEDOT CONSTRUCTION SIGN STANDARDS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING, ERECTING AND MAINTAINING PERMANENT CONSTRUCTION SIGNS AND WARNING DEVICES TO COMPLY WITH STATE AND LOCAL TRAFFIC CONTROL REQUIREMENTS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SUPPLYING, ERECTING AND MAINTAINING ALL OPERATIONAL SIGNS AND WARNING DEVICES FOR THEIR PLANNED METHODS OF OPERATION IN CONFORMANCE WITH THE MUTCD.
3. TRAFFIC CONTROL DEVICES SHALL BE REMOVED, AND SIGNS SHALL BE COVERED OR REMOVED, WHEN THEY NO LONGER APPLY TO THE EXISTING CONDITIONS.
4. WORK ON THE PROJECT, OR ANY SEPARATE ACTIVITY THEREIN, SHALL NOT START UNTIL ALL THE REQUIRED SIGNS AND WARNING DEVICES ARE INSTALLED AND APPROVED BY THE ENGINEER.
5. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE THE ENGINEER WITH CERTIFICATION THAT ALL THE SIGNS AND WARNING DEVICES USED ON THE PROJECT MEET THE SPECIFICATIONS.
6. THE USE OF CONSTRUCTION SIGNS AND WARNING DEVICES NOT SHOWN ON THESE STANDARDS OR MUTCD, UNLESS APPROVED BY THE ENGINEER, SHALL BE PROHIBITED.
7. ALL COSTS FOR TRAFFIC CONTROL DEVICES, INCLUDING PLACEMENT, RELOCATION AND REMOVAL OF SIGNS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
8. THE CONTRACTOR SHALL MAINTAIN SAFE, CONTINUOUS ACCESS TO ALL BUILDINGS AND PROPERTIES ADJACENT TO THE PROJECT LOCATION.
9. THE CONTRACTOR SHALL COORDINATE THEIR EFFORTS WITH ADJACENT CONSTRUCTION PROJECTS.

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
CONSTRUCTION SAFETY AND PHASING PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C1.102

NOTES:
1) THIS PLAN DEPICTS EXISTING CONDITIONS AS FOUND AND SURVEYED BY HALEY WARD, INC. ON SEPTEMBER 6, 2023, IN ADDITION TO INFORMATION GATHERED FROM AERIAL PHOTOGRAMETRY AND RECORD DOCUMENTS.
2) THIS SURVEY IS ORIENTED TO THE MAINE STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
3) ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4) THERE MAY BE ADDITIONAL UNDERGROUND WIRES, CABLES, UTILITIES, AND/OR STRUCTURES NOT SHOWN ON THIS PLAN. THE LOCATIONS SHOWN HEREON ARE BASED UPON SURFACE FEATURES VISIBLE AT THE TIME OF THE SURVEY. NO EXCAVATIONS WERE MADE DURING THE COURSE OF THIS SURVEY TO VERIFY AND/OR LOCATE ANY UNDERGROUND STRUCTURES.

AIRPORT DRIVE

8" WATERLINE

15" CMP
INV. = 471.86
INV. = 471.69

EXISTING AIRFIELD VAULT

RIM = 475.93'
COULD NOT OPEN STRUCTURE

6" WATERLINE

INV. = 468.06

15" CMP
INV. = 466.10

INV. = 457.72
12" CMP
INV. = 457.95

B-16
INV. = 461.78

15" RCP
INV. = 462.25

B-19

INV. = 458.95
18" HDPE
INV. = 460.20

TBM = UPPER FLANGE BOLT NEAREST THE "O" IN OPEN
ELEV. = 474.77' (NAVD 88)

6" WATERLINE

12" CMP
APPROXIMATE DIRECTION SHOWN
NO INLET FOUND
INV. = 464.50

6" WATERLINE

EXISTING TERMINAL BUILDING

EXISTING CONCRETE BLOCK BUILDING

12" CMP

RIM = 475.76'
STRUCTURE IS COMPLETELY FULL WITH DEBRIS.
SUMP ELEV. = 470.9'

RIM = 475.37'
A: 12" CMP, INV. = 469.5'

RIM = 471.32'
A: 12" CMP, INV. = 466.6'
B: UNKNOWN SIZE/TYPE
C: 12" CMP, INV. = 466.5'
D: 8" CMP, INV. = 466.7'

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-10 B-11 B-12 B-13 B-14 B-15 B-17 B-18 B-20

0 30 75 150 FEET
1"=30'

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C2.101 - EXISTING CONDITIONS PLAN.dwg 6/10/2024 11:27 AM

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
EXISTING CONDITIONS PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C2.101

NOTES:

1. CONTRACTOR TO INVESTIGATE MANHOLES WITH RPR PRIOR TO REMOVAL.

LEGEND:

REMOVE EXISTING BITUMINOUS PAVEMENT

TREE CLEARING

LIMIT OF WATERLINE REMOVAL. LOCATION OF INTERSECTION IS APPROXIMATE, CONTRACTOR TO FIELD VERIFY.

AIRPORT DRIVE

EXISTING AIRFIELD VAULT

REMOVE MANHOLE

REMOVE APPROX. 220 LF OF 6" WATER LINE

REMOVE APPROX. 81 LF OF 15" CMP

REMOVE EXISTING BITUMINOUS PAVEMENT

REMOVE SIGN (TYP.)

REMOVE WATER VALVE (TYP.) (TYP.)

REMOVE LIGHT POLE (TYP.)

REMOVE HYDRANT

CAP ELECTRICAL CONDUIT

REMOVE ELECTRICAL MANHOLE (TYP.)

REMOVE APPROX. 68 LF OF CABLE AND CONDUIT

REMOVE APPROX. 174 LF OF 6" WATER LINE

EXISTING TERMINAL BUILDING

REMOVE APPROX. 376 LF OF CABLE AND CONDUIT

REMOVE APPROX. 65 LF OF CABLE AND CONDUIT

REMOVE APPROX. 124 LF OF CABLE AND CONDUIT

DEMO EXISTING CONCRETE BLOCK BUILDING

REMOVE APPROX. 10 LF OF 12" CMP AND CAP

REMOVE CATCH BASIN (TYP.)

SAWCUT PAVEMENT (TYP.)

REMOVE APPROX. 134 LF OF CABLE AND CONDUIT

REMOVE APPROX. 284 LF OF 12" CMP

REMOVE APPROX. 60 LF OF 12" CMP

REMOVE APPROX. 45 LF OF 8" CMP

LIMIT OF WORK PASSENGER TERMINAL PROJECT

INSTALL STONE CHECK DAM (TYP.)

REMOVE APPROX. 20 LF OF 12" CMP

INSTALL SEDIMENT BARRIER (TYP.)

REMOVE APPROX. 35 LF OF 15" RCP

REMOVE HEADWALL

REMOVE APPROX. 225 LF OF DRAINAGE PIPE

REMOVE APPROX. 310 LF OF 6" WATER LINE

REMOVE FENCE (TYP.)

REMOVE EXISTING PERIMETER FENCE UP TO THIS TIE IN POINT

REMOVE APPROX. 48 LF OF 12" CMP

REMOVE APPROX. 50 LF OF 18" HDPE

SED

LIMIT OF WORK SITE AND UTILITIES PROJECT

INSTALL TEMPORARY PERIMETER FENCE (TYP.)

0 30 75 150 FEET

1"=30'

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C2.201 - DEMOLITION PLAN.dwg 6/10/2024 11:27 AM

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE, MAINE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
DEMOLITION PLAN
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C2.201

LEGEND:

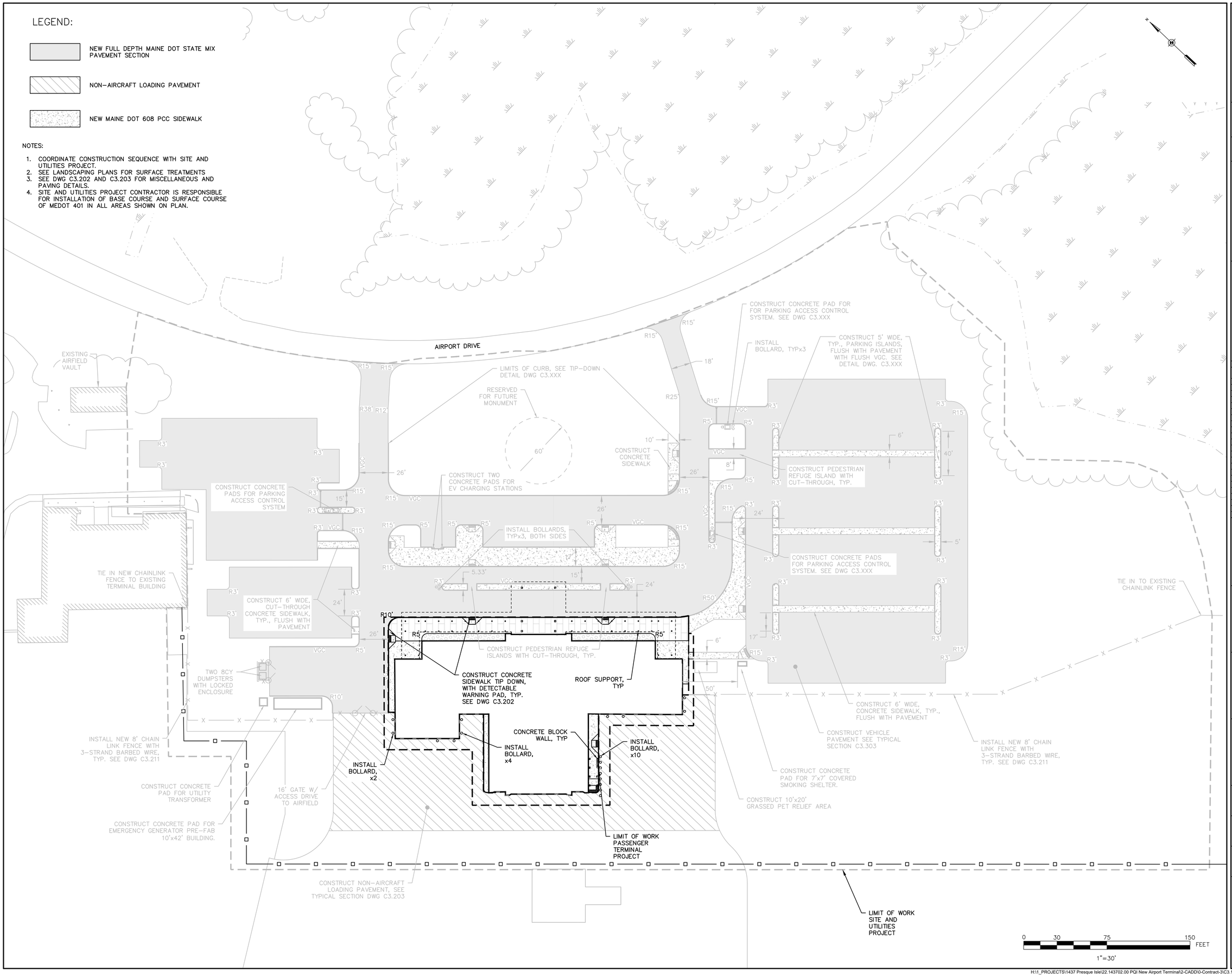
NEW FULL DEPTH MAINE DOT STATE MIX PAVEMENT SECTION

NON-AIRCRAFT LOADING PAVEMENT

NEW MAINE DOT 608 PCC SIDEWALK

NOTES:

1. COORDINATE CONSTRUCTION SEQUENCE WITH SITE AND UTILITIES PROJECT.
2. SEE LANDSCAPING PLANS FOR SURFACE TREATMENTS
3. SEE DWG C3.202 AND C3.203 FOR MISCELLANEOUS AND PAVING DETAILS.
4. SITE AND UTILITIES PROJECT CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF BASE COURSE AND SURFACE COURSE OF MEDOT 401 IN ALL AREAS SHOWN ON PLAN.



PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE, MAINE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

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CONSULTANT:
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150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
GEOMETRY PLAN

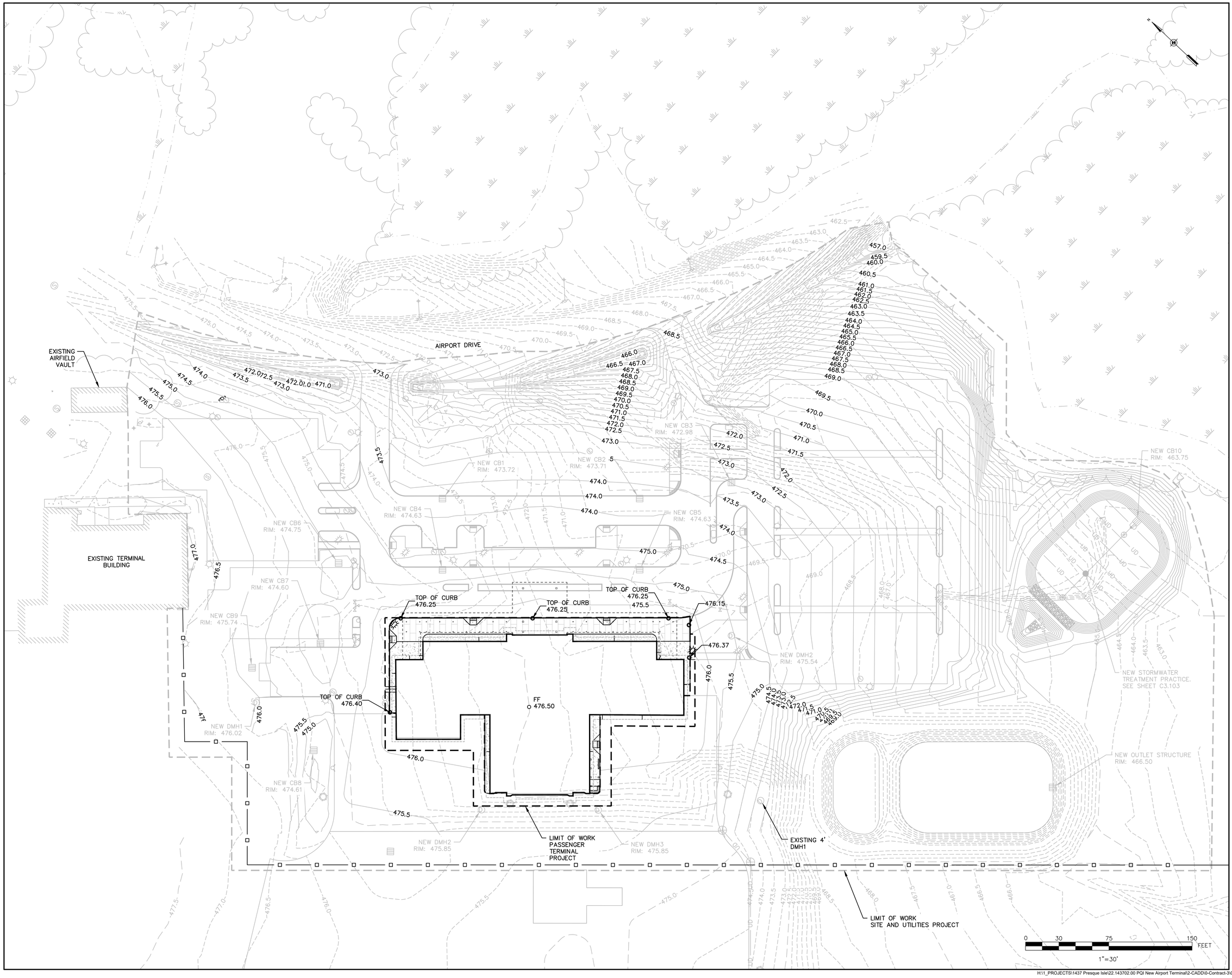
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.101



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
GRADING PLAN

CONTRACT DOCUMENTS

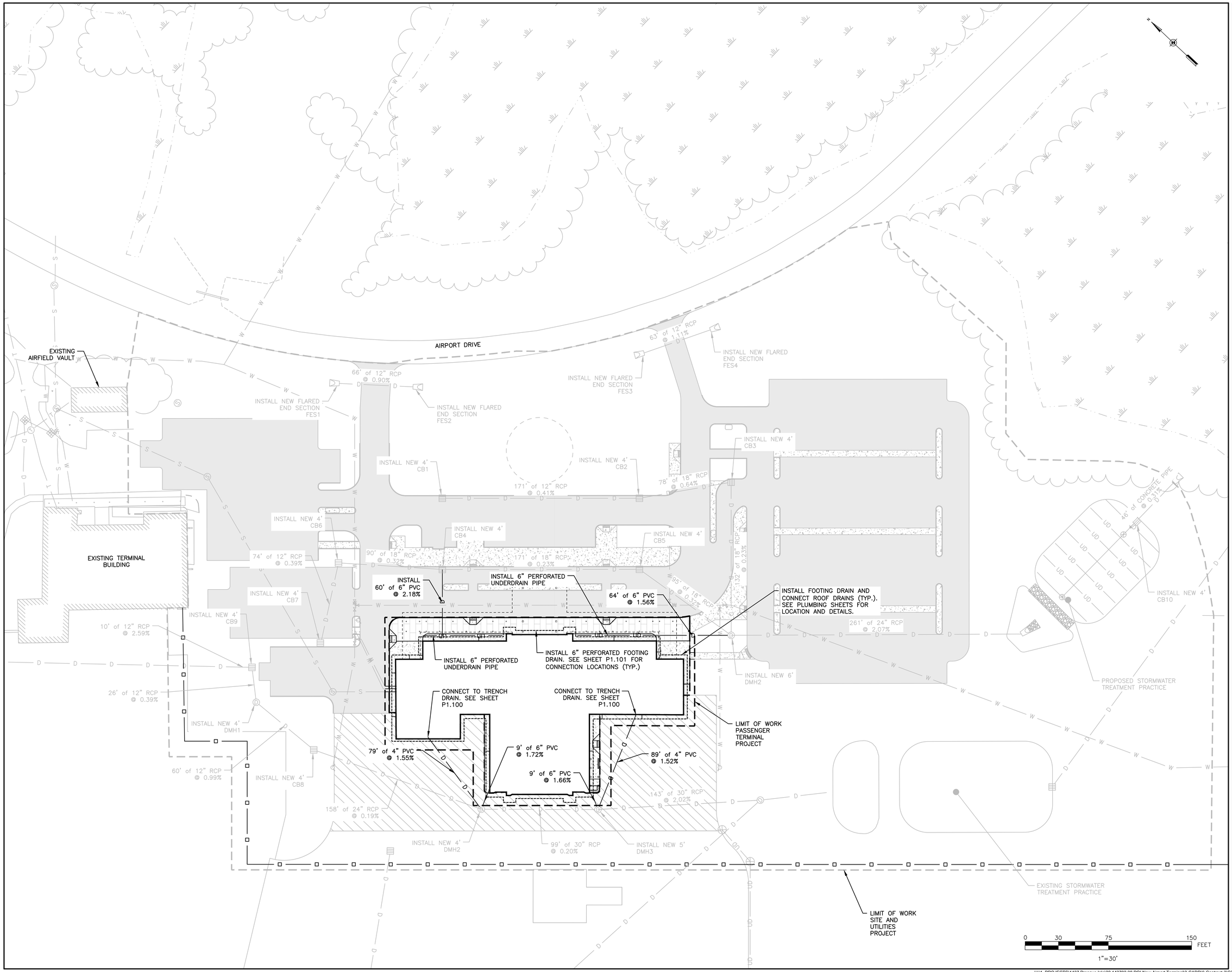
DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.102

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\6-Contract-3\C3.102 - GRADING PLAN.dwg 6/10/2024 11:28 AM



PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE, ME.

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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CONSULTANT:
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Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
DRAINAGE PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

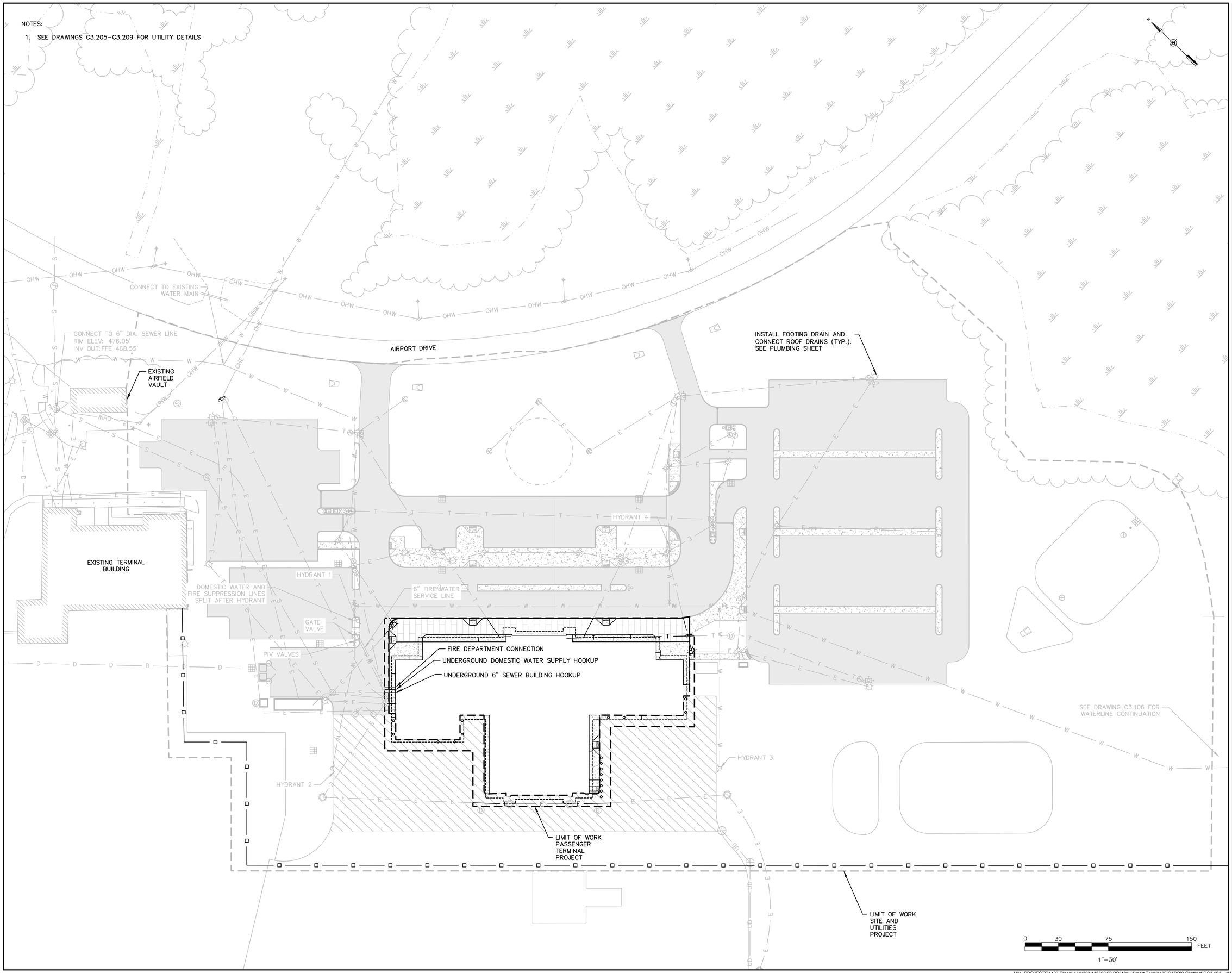
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.103

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C3.103 - DRAINAGE PLAN.dwg 6/10/2024 11:28 AM

NOTES:

1. SEE DRAWINGS C3.205–C3.209 FOR UTILITY DETAILS



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
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CONSULTANT:
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Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
WATER AND SEWER PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

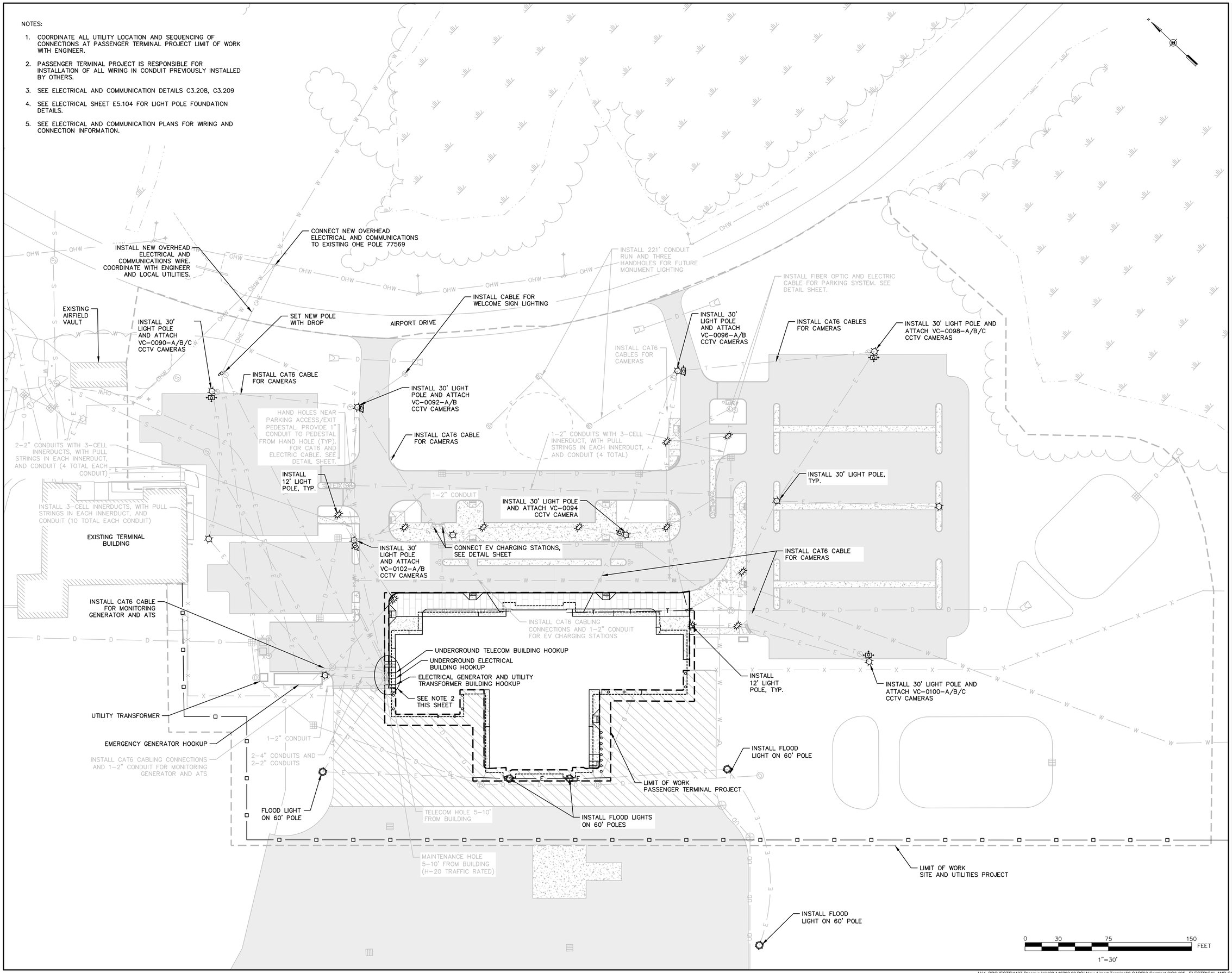
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.104

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C3.104 - WATER AND SEWER PLAN.dwg 6/10/2024 11:28 AM

NOTES:

1. COORDINATE ALL UTILITY LOCATION AND SEQUENCING OF CONNECTIONS AT PASSENGER TERMINAL PROJECT LIMIT OF WORK WITH ENGINEER.
2. PASSENGER TERMINAL PROJECT IS RESPONSIBLE FOR INSTALLATION OF ALL WIRING IN CONDUIT PREVIOUSLY INSTALLED BY OTHERS.
3. SEE ELECTRICAL AND COMMUNICATION DETAILS C3.208, C3.209
4. SEE ELECTRICAL SHEET E5.104 FOR LIGHT POLE FOUNDATION DETAILS.
5. SEE ELECTRICAL AND COMMUNICATION PLANS FOR WIRING AND CONNECTION INFORMATION.



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

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WWW.AECOM.COM

CONSULTANT:
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150 Dow Street
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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
ELECTRICAL AND COMMUNICATIONS PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.105

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EROSION CONTROL NOTES

1. ALL EARTHWORK SHALL BE CONFINED TO THE LIMITS OF WORK AS SHOWN ON CONTRACT DRAWINGS.
2. SILT FENCES OR OTHER SEDIMENT BARRIERS SHALL BE INSTALLED WHERE SHOWN ON THE PLANS, ON THE DOWNHILL SIDE OF STOCKPILES OF TOPSOIL AND OTHER SOIL MATERIALS AND IN OTHER LOCATIONS AS REQUIRED, TO PREVENT SILT AND SEDIMENTATION FROM ENTERING EXISTING DRAINAGE CHANNELS.
3. ALL TURF AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING OR TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF SOIL.
4. DUST CONTROL: ALL VEHICLE TRAFFIC AREAS AND EXPOSED SURFACES SHALL BE MOISTENED PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.
5. CONSTRUCTION ROAD: STONE CONSTRUCTION ROAD SHALL BE CONSTRUCTED AFTER ALL SEDIMENT BARRIERS AND OTHER CONTROL MEASURES HAVE BEEN INSTALLED, AND PRIOR TO ANY EXCAVATION ACTIVITIES ON THE SITE.
6. SLOPE STABILITY: ALL SLOPES SHALL BE INSPECTED FREQUENTLY FOR SIGNS OF FAILURE, SLIPPING, AND/OR EROSION. ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
7. CONTRACTOR EROSION CONTROL MEASURES ARE NOT LIMITED TO THOSE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PERFORM ANY AND ALL ADDITIONAL MEASURES TO CONTROL EROSION.

OVERWINTER CONSTRUCTION AND STABALIZATION

1. THE CONTRACTOR SHALL COMPLY WITH THE OVERWINTER CONSTRUCTION AND STABILIZATION REQUIREMENTS IN THE MAINE EROSION CONTROL AND SEDIMENT CONTROL BMP MANUAL.
2. THE WINTER CONSTRUCTION PERIOD IS FROM NOV. 1 TO APR. 15.
3. USE BERMS SEEDED ACCORDING TOPSOIL AND SEEDING NOTE 4 FOR SEDIMENT BARRIERS.
4. APPLY TEMPORARY SEED AND MULCH AT TWICE THE NORMAL RATE ACCORDING TO TOPSOIL AND SEEDING NOTES 4 AND 5.
5. MULCH STOCKPILES OF SOIL/SUBSOIL OVER WINTER WITH HAY OR STRAW AT TWICE NORMAL RATE.
6. DO NOT PLACE PERMANENT SEED BETWEEN OCT. 11 AND APR. 15. PROTECT FINE GRADED AREAS WITH MULCH OR TEMPORARY SEED AND MULCH UNTIL FINAL TREATMENT.
7. CONSTRUCT AND STABILIZE STONE–LINED DITCHES AND CHANNELS BY NOV. 15. CONSTRUCT AND STABILIZE GRASS–LINE DITCHES AND CHANNELS BY SEPT. 1. INSTALL A SOD OR STONE LINER IF DITCHES AND CHANNELS CANNOT BE STABILIZED BY THESE DATES.
8. DISTURBED SOILS WITH SLOPES LESS THAN 15% MUST BE SEEDED AND MULCHED BY SEPT. 15. IF NOT STABALIZED BY THIS DATE, USE TEMPORARY VEGETATION, SOD, OR MULCH.

TOPSOIL AND SEEDING

1. TOPSOIL:

   SUITABLE TOPSOIL STRIPPED FROM THE SITE, FROM THE AIRPORT STOCKPILE OR FROM OFF–SITE SHALL MEET THE REQUIREMENTS OF SPECIFICATION SECTION T–905, TOPSOILING.

2. SEEDING:

   USE PERMANENT SEED MIXES AND RATES BETWEEN 5/15 AND 9/30. USE TEMPORARY SEED MIXES FOR PERIODS LESS THAN 12 MONTHS. IF USING TEMPORARY SEED MIXES BETWEEN 9/30 AND 5/15, RE–SEED WITH PERMANENT SEED MIX AFTER 5/15

3. REGULAR SEED MIX
   SEEDS SHALL BE APPLIED AS FOLLOWS:
   IN UPLAND AREAS THE FOLLOWING SEED SHALL BE APPLIED: TALL FESCUE (FESTUCA ARUNDINACEA) 325 LB/AC PURE LIVE SEED, USE A MINIMUM OF 3 VARIETIES OF TALL FESCUE. EACH VARIETY SHOULD CONTAIN A MINIMUM OF 70% VIABLE, ENDOPHYTES. VARIETIES COME FROM THE FOLLOWING LISTS: 2ND MILLENIUM, BONSAL, CAYENNE, COCHISE III, CONSTITUTION, CONVEANT, COYOTE II, CROSSFIRE II, DAKOTA, DYNASTY II, ESCALADE, MUSTANG 3, RENDITION, SRF8600, TOAS, TITAN LTD.,TITUNIUM OR TOMBSTONE OR AS APPROVED BY THE ENGINEER

4. TEMPORARY SEED:

KIND OF SEED	LBS PER ACRE	SEEDING DEPTH	RECOMMENDED SEEDING DATES	REMARKS
WINTER RYE	112	1–1.5 IN	8/15–10/1	GOOD FOR FALL SEEDING. SELECT A HARDY SPECIES, SUCH AS AROOSTOOK RYE.
OATS	80	1–1.5 IN	4/1–7/1 8/15–9/15	EARLY FALL SEEDING WILL DIE WHEN WINTER WEATHER MOVES IN, BUT MULCH WILL PROVIDE PROTECTION.
ANNUAL RYEGRASS	40	.25 IN	4/1–7/1	GROWS QUICKLY BUT IS OF SHORT DURATION. USE WHERE APPEARANCE IS IMPORTANT. WITH MULCH, SEEDING MAY BE DONE THROUGHOUT GROWING SEASON.
SUDANGRASS	40	.5–1 IN	5/15–8/15	GOOD GROWTH DURING HOT SUMMER PERIODS.
PERENNIAL	40	.25 IN	8/15–9/15	GOOD COVER, LONGER LASTING THAN ANNUAL RYEGRASS. MULCHING WILL ALLOW SEEDING THROUGHOUT GROWING SEASON.

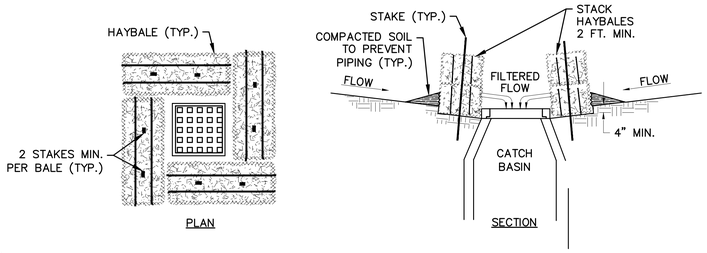
5. LIME AND FERTILIZER:

   APPLY LIME AND FERTILIZER AT THE RATES RECOMMENDED BY TESTING RESULTS OF A SOIL SAMPLE SENT TO UMAINE COOP. EXT.

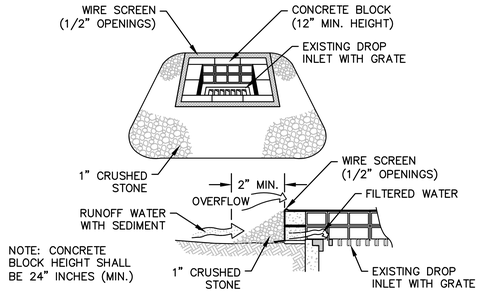
6. MULCH:

   MULCH AND EROSION CONTROL MATTING SHALL BE AS SPECIFIED IN SECTION P–156 TEMPORARY AIR AND WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL.

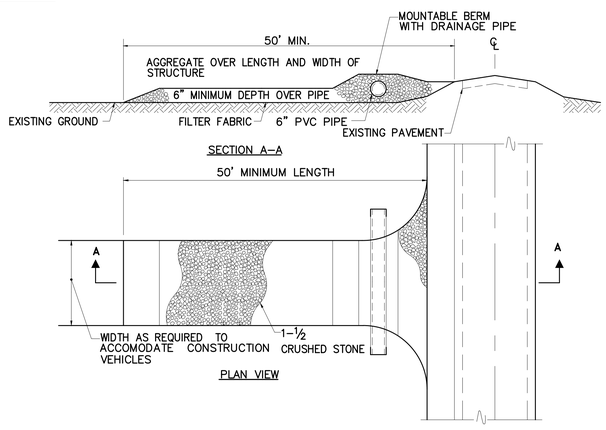
   STRAW OR HAY (ANCHORED) 70 – 90 LBS PROTECTED AREAS
   STRAW OR HAY (ANCHORED) 185 – 275 LBS WINDY AREAS
   SHREDDED OR CHOPPED 185 – 275 LBS MODERATE TO HIGH VELOCITY
   EROSION CONTROL BLANKET AS REQUIRED AREAS AND SLOPES STEEPER THAN 3:1



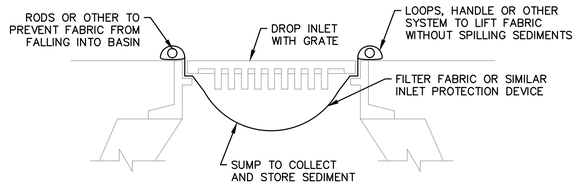
HAY BALE INLET PROTECTION AT CATCH BASIN
NOT TO SCALE



BLOCK & CRUSHED STONE INLET PROTECTION AT CATCH BASIN
NOT TO SCALE



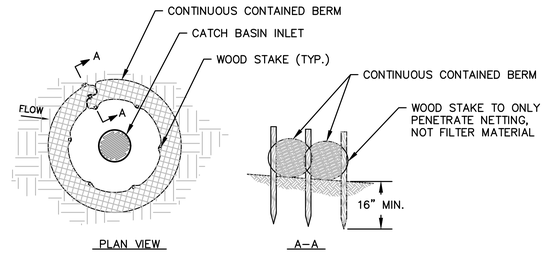
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



MAINTENANCE:
CONTRACTOR TO CLEAN AFTER EVERY STORM. IF THE BARRIER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PASSES FILTERED WATER, THE SEDIMENT SHALL BE REMOVED AND THE BARRIER SHALL BE REPLACED. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.

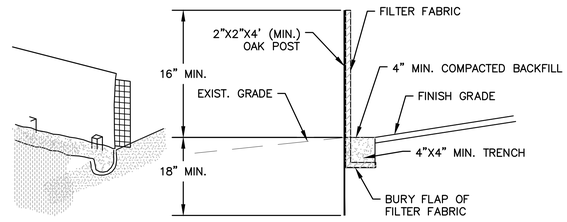
THE DEVICE SHALL BE REMOVED WHEN THE DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED.

FILTER FABRIC INLET PROTECTION AT CATCH BASIN
NOT TO SCALE



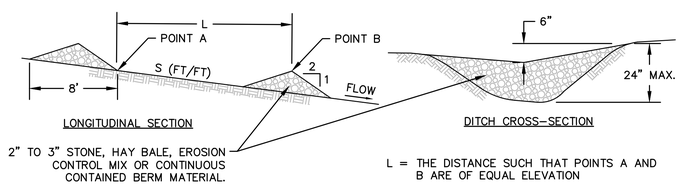
NOTE:
1. THE INLET PROTECTION AND CONTINUOUS CONTAINED BERM ARE TO BE EMPLOYED TOGETHER AND PAID FOR AS ONE UNIT.

CONTINUOUS CONTAINED BERM INLET PROTECTION AT CATCH BASIN
NOT TO SCALE



NOTES:
1. SPACING OF WOOD FENCE POST NOT TO EXCEED 10'–0".
2. SILT FENCE SHALL BE INSTALLED BEFORE ANY EARTH REMOVAL OR EXCAVATION TAKES PLACE.
3. SILT FENCE SHALL BE INSPECTED WEEKLY OR AFTER RAIN. ANY SEDIMENT ACCUMULATED HIGHER THAN 1 FOOT ABOVE EXISTING GRADE SHALL BE REMOVED, ANY DAMAGED SECTIONS SHALL BE REPAIRED OR REPLACED.

SILT FENCE SEDIMENT BARRIER DETAIL
NOT TO SCALE



STONE CHECK DAM DETAIL
NOT TO SCALE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
EROSION CONTROL NOTES AND DETAILS

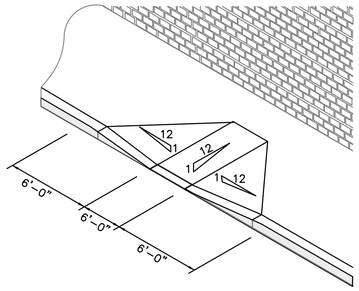
CONTRACT DOCUMENTS

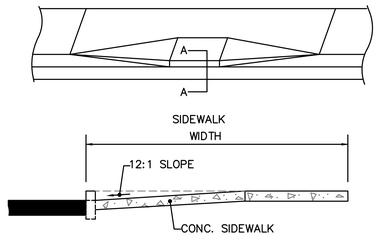
DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.201





SECTION A–A
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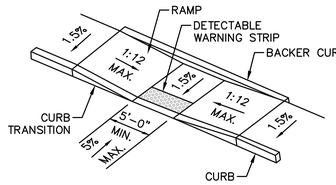

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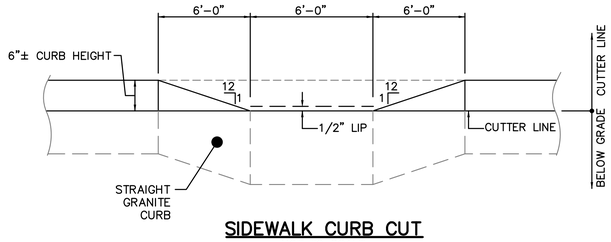
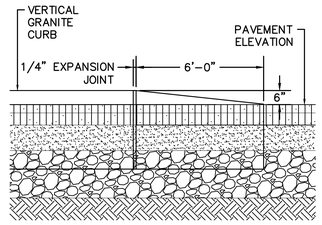
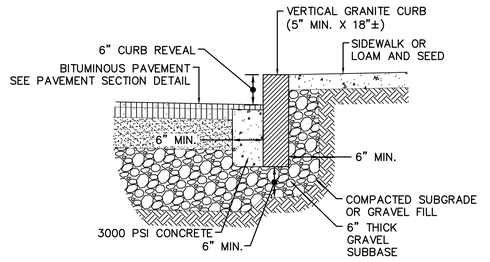


SIDEWALK CURB CUT
NOT TO SCALE



VERTICAL GRANITE TIP DOWN DETAIL
NOT TO SCALE

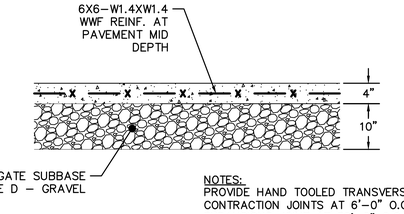


RADIUS	MAX LENGTH
21'	3'
22'–28'	4'
29'–35'	5'
36'–42'	6'
43'–49'	7'
50'–56'	8'
57'–60'	9'
OVER 60'	10'

CURB NOTES:

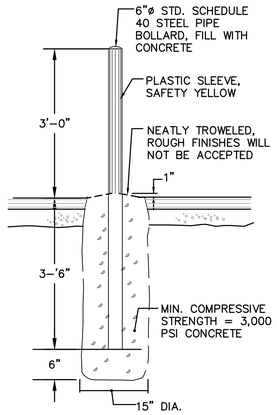
1. MINIMUM LENGTH OF CURB STONES – 3'
2. MAXIMUM LENGTH OF CURB STONES – 10'
3. MAXIMUM LENGTH OF STRAIGHT CURB STONES LAID ON CURVES – SEE CHART.
4. ADJOINING STONES SHALL HAVE THE SAME OR APPROXIMATELY THE SAME LENGTH.
5. CURB ENDS TO BE TIPPED DOWN.

VERTICAL GRANITE CURB DETAIL
NOT TO SCALE

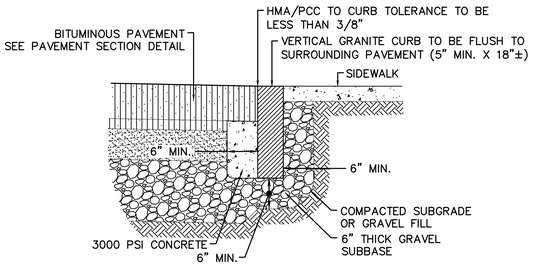


NOTES:
PROVIDE HAND TOOLED TRANSVERSE AND LONGITUDINAL CONTRACTION JOINTS AT 6'–0" O.C. MAX. AND 3/8" EXPANSIONS JOINT AT 30'–0" O.C. MAX.

CONCRETE SIDEWALK DETAIL
NOT TO SCALE



BOLLARD DETAIL
NOT TO SCALE



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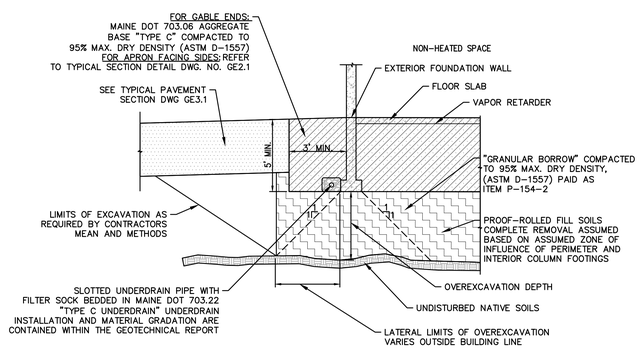
36'–42'	6'
43'–49'	7'
50'–56'	8'
57'–60'	9'
OVER 60'	10'

FLUSH CURB NOTES:

1. MINIMUM LENGTH OF CURB STONES – 3'
2. MAXIMUM LENGTH OF CURB STONES – 10'
3. MAXIMUM LENGTH OF STRAIGHT CURB STONES LAID ON CURVES – SEE CHART.
4. ADJOINING STONES SHALL HAVE THE SAME OR APPROXIMATELY THE SAME LENGTH.
5. HMA/PCC TO CURB TOLERANCE TO BE LESS THAN 3/8"

FLUSH VERTICAL GRANITE CURB DETAIL
NOT TO SCALE



EXCAVATION PAYMENT LIMITS SKETCH
NOT TO SCALE

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

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www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL
PASSENGER TERMINAL PROJECT

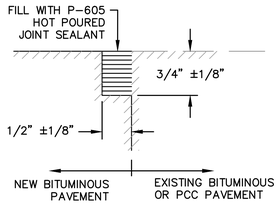
SHEET TITLE:
MISCELLANEOUS DETAILS
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.202

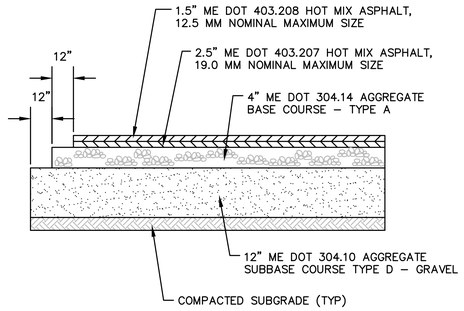


NOTES:

1. SAW AND SEAL SHALL BE INSTALLED AT JOINTS IN PAVEMENT BETWEEN ALL PHASES, BETWEEN DIFFERENT PAVING DAYS, AND AT PROJECT LIMITS. SEE TECHNICAL SPECIFICATION SECTION M-001 FOR PAYMENT INFORMATION.

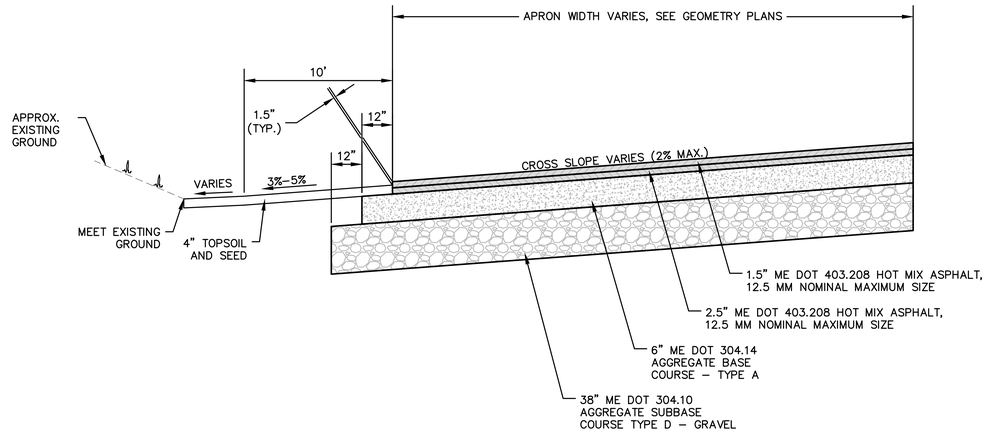
SAW AND SEAL DETAIL FOR BITUMINOUS PAVEMENTS

NOT TO SCALE



TYPICAL PAVEMENT SECTION FOR LANDSIDE

NOT TO SCALE



NON-AIRCRAFT LOADING PAVEMENT TYPICAL SECTION

NOT TO SCALE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
PAVING DETAILS

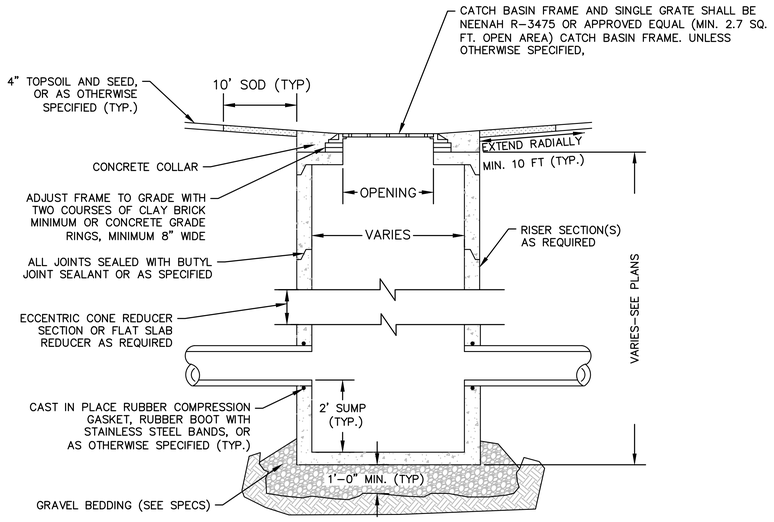
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

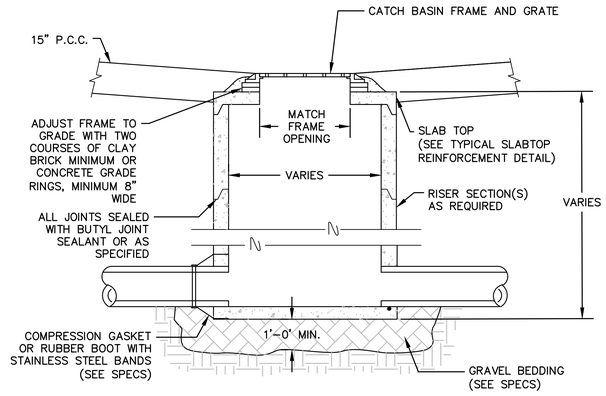
SCALE:	DATE:
AS NOTED	06/05/2024

SHEET NUMBER:
C3.203



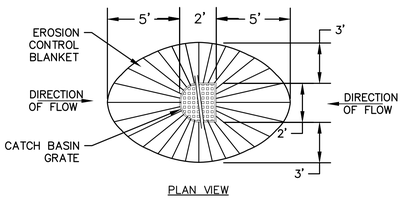
NOTES:
1. ALL PREFABRICATED REINFORCED CONCRETE CATCH BASINS AND FRAMES AND GRATES SHALL BE DESIGNED AND CONSTRUCTED TO SUPPORT HS20 LOADING. DUAL AIRCRAFT LOAD. THE CONTRACTOR IS REQUIRED TO SUPPLY SHOP DRAWINGS AND MANUFACTURERS' CERTIFICATIONS TO THE ENGINEER FOR REVIEW PRIOR TO INSTALLATION.

TYPICAL CATCH BASIN DETAIL
NOT TO SCALE



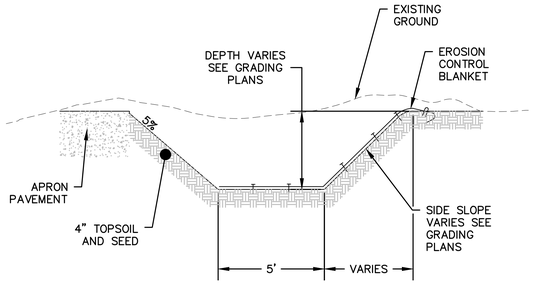
TYPICAL MANHOLE DETAIL
NOT TO SCALE

NOTE:
1. ALL PREFABRICATED REINFORCED CONCRETE CATCH BASINS, MANHOLES, FRAMES AND GRATES SHALL BE DESIGNED AND CONSTRUCTED TO SUPPORT HS20 LOADING. DUAL WHEEL AIRCRAFT LOAD. THE CONTRACTOR IS REQUIRED TO SUPPLY SHOP DRAWINGS STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF VERMONT AND MANUFACTURERS' CERTIFICATIONS TO THE ENGINEER FOR REVIEW PRIOR TO INSTALLATION.

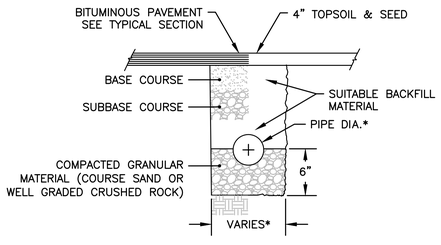


PLAN VIEW

CATCH BASIN GRADING DETAIL
NOT TO SCALE



TYPICAL CONVEYANCE SWALE CROSS SECTION
NOT TO SCALE



CONTRACTOR SHALL SHORE TRENCH SIDES WHEN REQUIRED

*	PIPE DIA.	TRENCH WIDTH
	UP TO 12"	36"
	12" TO 24"	I.D. PLUS 24"
	GREATER THAN 24"	2 X I.D.

WHERE DIFFERENT FROM THAT INDICATED ON THIS DETAIL, CONTRACTOR SHALL FOLLOW MANUFACTURER RECOMMENDATIONS FOR PIPE TRENCH, BEDDING, AND BACKFILL

CONTRACTOR SHALL SHORE TRENCH SIDES WHEN REQUIRED OR AS ORDERED BY THE ENGINEER

TYPICAL TRENCH DETAIL
NOT TO SCALE

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE, ME

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
DRAINAGE DETAILS

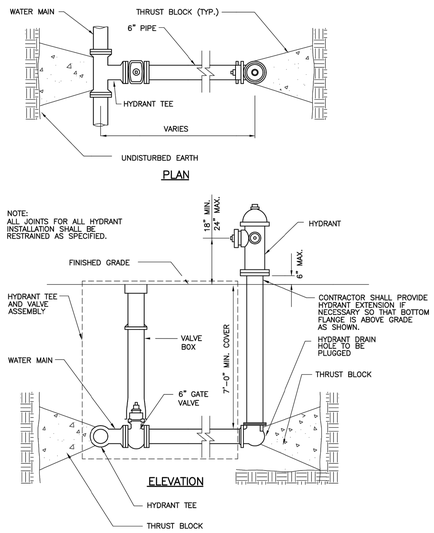
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.204



1 TYPICAL HYDRANT ASSEMBLY
SCALE: N.T.S.

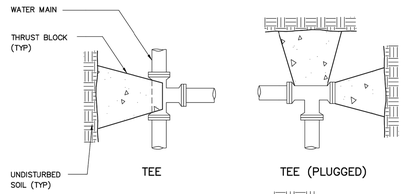


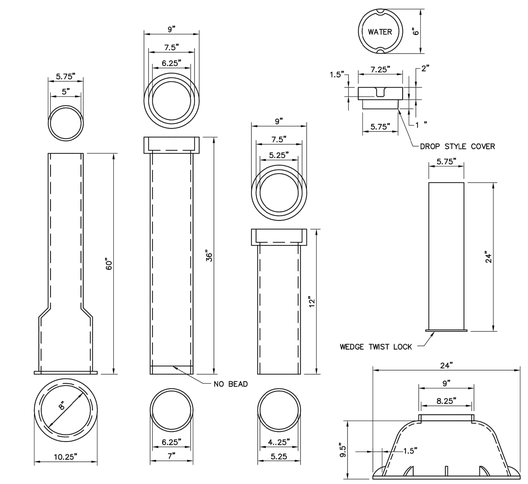
TABLE 1: 4" THRU 10" FITTINGS				
SOIL TYPE	TEES		BENDS	
	A	B	A	B
SOFT CLAY	48"	24"	48"	24"
SAND	24"	24"	24"	24"
GRAVEL	24"	18"	24"	18"

TABLE 2: 12" THRU 16" FITTINGS				
SOIL TYPE	TEES		BENDS	
	A	B	A	B
SOFT CLAY	60"	36"	72"	36"
SAND	36"	30"	48"	30"
GRAVEL	30"	24"	40"	24"

NOTES:

1. CONCRETE FOR ALL THRUST BLOCKS TO BE MINIMUM 3,000 PSI., 28 DAY STRENGTH, TYPE I CEMENT, 3/4" STONE.
2. WHERE POSSIBLE, CONSTRUCT THRUST BLOCKS AGAINST UNDISTURBED SOIL. WHERE NOT POSSIBLE, PLACE FILL BETWEEN THE THRUST BLOCK AND THE UNDISTURBED SOIL COMPACTED TO 90% STANDARD PROCTOR DENSITY.
3. WRAP FITTINGS WITH POLYETHYLENE PRIOR TO CONSTRUCTING THRUST BLOCKS. NO JOINTS SHALL BE COVERED WITH CONCRETE.
4. THRUST BLOCK DIMENSIONS ARE BASED ON A MAXIMUM WATER MAIN PRESSURE OF 150 PSI.
5. PRECAST CONCRETE THRUST BLOCKS ARE ALLOWABLE. CONTRACTOR SHALL BE REQUIRED TO PROVIDE A SUBMITTAL FOR ENGINEER'S APPROVAL PRIOR TO USE.

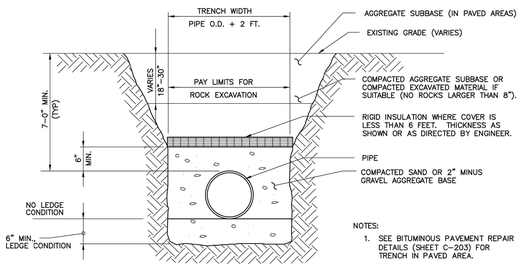
2 TYPICAL THRUST BLOCK
SCALE: N.T.S.



NOTES:

1. NUMBERS ARE FOR 5-1/4" BUFFALO VALVE BOXES
2. BASE SECTION MAY BE USED AS INTERMEDIATE SECTION SECTION
3. EACH VALVE BOX SHALL UTILIZE A HDPE SELF-CENTERING ALIGNMENT RING THAT LOCKS IN PLACE UNDER THE NUT OF THE VALVE. RINGS SHALL BE MANUFACTURED BY AMERICAN FLOW CONTROL (AFC) OR BE AN APPROVED EQUAL. ALIGNMENT RINGS ARE AVAILABLE FROM EJ PRESCOTT.
4. VALVE BOX ASSEMBLY SHALL CONSIST OF THREE PIECES, INCLUDING A BOTTOM, TOP, AND EXTENSION TOP.

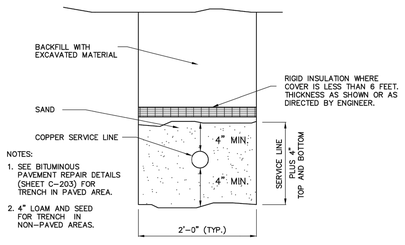
3 TYPICAL VALVE BOXES
SCALE: N.T.S.



NOTES:

1. SEE BITUMINOUS PAVEMENT REPAIR DETAILS (SHEET C-203) FOR TRENCH IN PAVED AREA.
2. 4" LOAM AND SEED FOR TRENCH IN NON-PAVED AREAS.
3. IF SUITABLE, EXCAVATED MATERIAL MAY BE USED AS PIPE BEDDING. NO ROCKS LARGER THAN 3" SHALL BE PLACED AROUND PIPE.

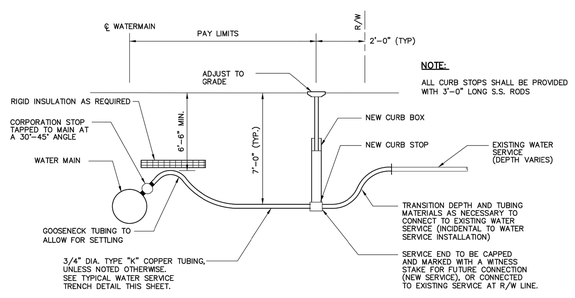
4 TYPICAL WATER MAIN TRENCH LEDGE CONDITION
SCALE: N.T.S.



NOTES:

1. SEE BITUMINOUS PAVEMENT REPAIR DETAILS (SHEET C-203) FOR TRENCH IN PAVED AREA.
2. 4" LOAM AND SEED FOR TRENCH IN NON-PAVED AREAS.

5 TYPICAL WATER SERVICE TRENCH
SCALE: N.T.S.



3 WATER SERVICE REPLACEMENT
SCALE: N.T.S.

PIUD STANDARD WATER DETAILS
SHEET 1 OF 1

NOTE:

DETAILS SHOWN ON THIS SHEET WERE SOURCED FROM PRESQUE ISLE UTILITIES DISTRICT (PIUD). ALL WATER UTILITY WORK SHALL ADHERE TO THE CURRENT REQUIREMENTS OF THE PIUD.

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
WATER UTILITY DETAILS

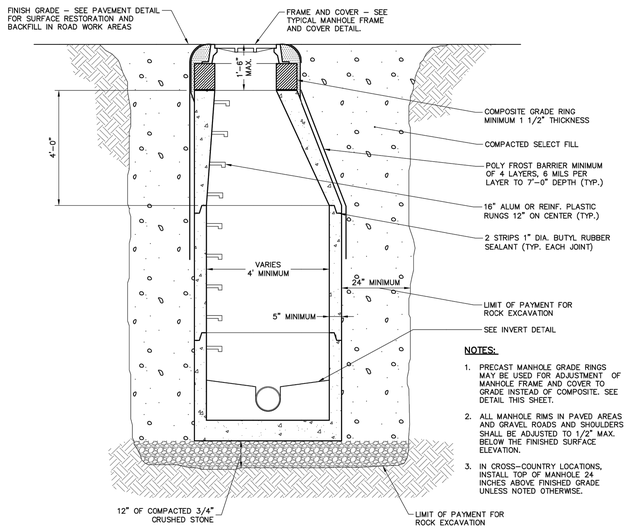
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

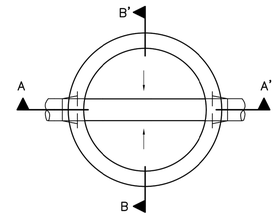
SHEET NUMBER:
C3.205



NOTES:

1. PRECAST MANHOLE GRADE RINGS MAY BE USED FOR ADJUSTMENT OF MANHOLE FRAME AND COVER TO GRADE INSTEAD OF COMPOSITE. SEE DETAIL THIS SHEET.
2. ALL MANHOLE RIMS IN PAVED AREAS AND GRAVEL ROADS AND SHOULDERS SHALL BE ADJUSTED TO 1/2" MAX. BELOW THE FINISHED SURFACE ELEVATION.
3. IN CROSS–COUNTRY LOCATIONS, INSTALL TOP OF MANHOLE 24 INCHES ABOVE FINISHED GRADE UNLESS NOTED OTHERWISE.

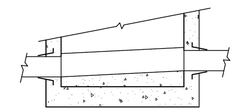
1 TYPICAL PRECAST MANHOLE
SCALE: N.T.S.



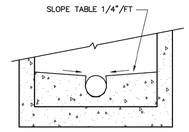
PLAN

NOTES:

1. TOOL ALL JOINTS IN CHANNEL AND ON TABLES.
2. SLOPE CHANNEL DOWN FROM INLET TO OUTLET.
3. MAKE CHANGES IN FLOW DIRECTION BY CIRCULAR CHANNEL CONSTRUCTION WITH MAXIMUM RADIUS POSSIBLE.
4. FOR DEAD–END MANHOLES, BUILD CHANNEL AS DIRECTED BY ENGINEER.

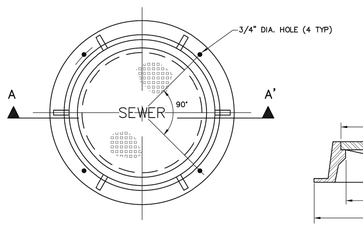


SECTION A–A'

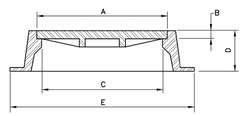


SECTION B–B'

2 MANHOLE INVERT
SCALE: N.T.S.



PLAN



SECTION A–A'

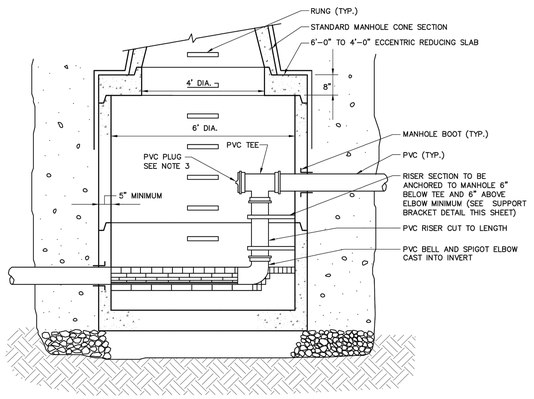
FRAME TYPE	NEENAH FOUNDRY OR EQUAL
CONDITION FOR USE	MANHOLE HEIGHT > 6 FT.
A	26
B	1 1/2
C	24
D	7
E	36

DIMENSIONS (INCHES)

NOTES:

1. ALL COVERS SHALL BE BOLTED DOWN TO FRAMES.
2. USE VENTED COVER WHEN NOT IN FLOOD ZONE. TYPICAL MANHOLE FRAME AND COVER TO BE USED WHEN NOT IN FLOOD ZONE.
3. USE WATER TIGHT COVER WHEN IN 100 AND 500 YEAR FLOOD ZONES. SEE DETAIL 4 ON THIS SHEET FOR WATERTIGHT COVER TO BE USED IN 100 AND 500 YEAR FLOOD ZONES.

3 TYPICAL MANHOLE FRAME AND COVER
SCALE: N.T.S.



NOTES:

1. SEE PRECAST MANHOLE SECTION FOR TYPICAL MANHOLE INFORMATION, INCLUDING NOTES.
2. PROVIDE DROP PIPE FOR ALL INVERT DIFFERENTIALS OF 2' OR GREATER OR AS APPROVED BY THE ENGINEER.
3. CUT OFF TOP 1/3 OF PIPE PLUG.

4 PRECAST MANHOLE INSIDE DROP
SCALE: N.T.S.

PIUD STANDARD SEWER DETAILS
SHEET 1 OF 2

NOTE:

DETAILS SHOWN ON THIS SHEET WERE SOURCED FROM PRESQUE ISLE UTILITIES DISTRICT (PIUD). ALL SEWER WORK SHALL ADHERE TO THE CURRENT REQUIREMENTS OF THE PIUD.

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
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CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
SEWER UTILITY DETAILS – SHEET 1

CONTRACT DOCUMENTS

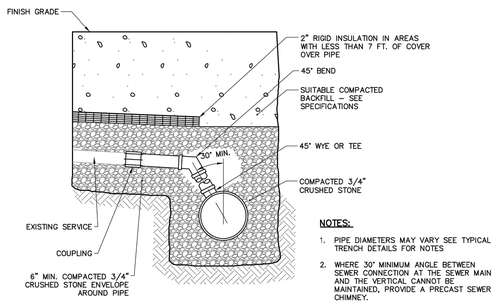
DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.206

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C3.206 - SEWER UTILITY DETAILS - SHEET 1.dwg 6/10/2024 11:29 AM

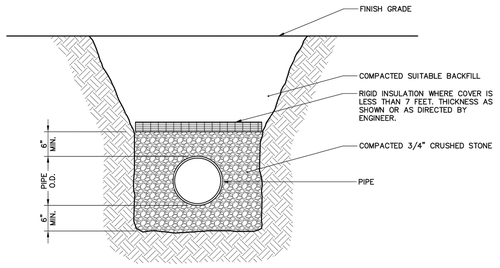


NOTES:

1. PIPE DIAMETERS MAY VARY SEE TYPICAL TRENCH DETAILS FOR NOTES
2. WHERE 30° MINIMUM ANGLE BETWEEN SEWER CONNECTION AT THE SEWER MAIN AND THE VERTICAL CANNOT BE MAINTAINED, PROVIDE A PRECAST SEWER CHIMNEY.
3. SHIELDED STAINLESS STEEL FERNCO COUPLINGS SHALL BE USED FOR CONNECTION TO EXISTING SEWER SERVICES. FLEXIBLE FERNCO COUPLINGS ARE NOT PERMITTED.

5 TYPICAL HORIZONTAL SEWER CONNECTION
SCALE: N.T.S.

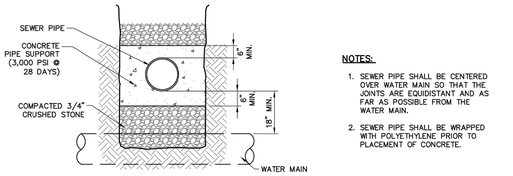
PAVEMENT AND ROCK WIDTH PAY LIMITS		
NOMINAL PIPE DIAMETER	PERMANENT TRENCH WIDTH PAVEMENT	ROCK EXCAVATION
SERVICE	4'–0"	4'–0"
MAIN 0"–12"	8'–0"	4'–0"



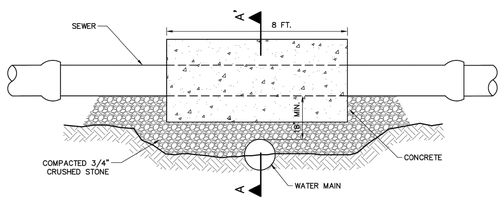
NOTES:

1. MAINTAIN UNIFORM TRENCH WIDTH TO 6" OVER PIPE.
2. SEE PAVEMENT DETAILS FOR PAVING AND PATCHING REQUIREMENTS.
3. PROVIDE 4" LOAM AND SEED FOR TRENCH IN NON–PAVED AREAS.
4. 1" OF INSULATION IS EQUAL TO ONE FOOT OF COVER.

6 TYPICAL SEWER MAIN TRENCH
SCALE: N.T.S.



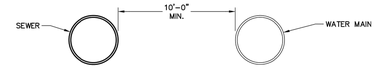
SECTION A–A'



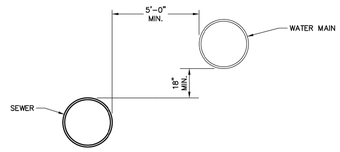
NOTES:

1. SEWER PIPE SHALL BE CENTERED OVER WATER MAIN SO THAT THE JOINTS ARE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN.
2. SEWER PIPE SHALL BE WRAPPED WITH POLYETHYLENE PRIOR TO PLACEMENT OF CONCRETE.

7 CONCRETE PIPE SUPPORT FOR SEWER MAINS CROSSING ABOVE WATER MAINS
SCALE: N.T.S.



NORMAL CONDITIONS
PARALLEL INSTALLATION



UNUSUAL CONDITION
PARALLEL INSTALLATION

NOTES:

THE SEPARATION OF WATER MAINS AND SEWERS SHALL COMPLY WITH THE MAINE DEPARTMENT OF HUMAN SERVICES DIVISION OF HEALTH ENGINEERING REQUIREMENTS AS OUTLINED IN "SEPARATION OF WATER MAINS, SEWERS, STORM DRAINS, AND UNDER DRAINS", LAST REVISED MARCH 4, 2013 (SOP ID: DWP0096–A) WHICH ARE GENERALLY AS FOLLOWS:

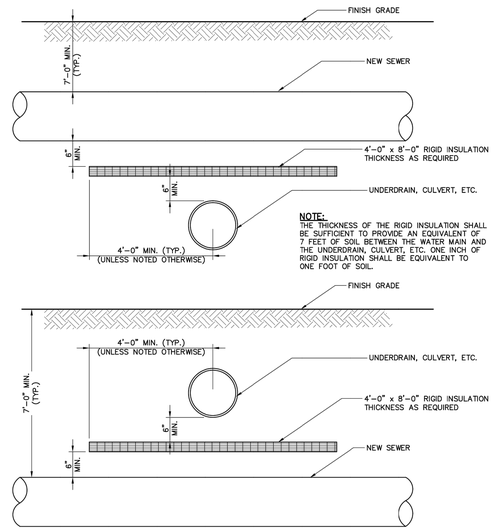
A. PARALLEL INSTALLATION:

1. NORMAL CONDITIONS: THE INSIDE EDGE OF A WATER MAIN SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM THE INSIDE EDGE OF ANY SANITARY SEWER, STORM SEWER OR SEWER MANHOLE.
2. UNUSUAL CONDITIONS: WHEN LOCAL CONDITIONS PREVENT A HORIZONTAL SEPARATION OF 10 FEET, THE INSIDE EDGE OF A WATER MAIN MAY BE LAID A MINIMUM OF 5 FEET FROM THE INSIDE EDGE OF A SEWER PROVIDED THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES HIGHER THAN THE TOP OF THE SEWER (SEE DETAIL).

B. CROSSINGS:

1. NORMAL CONDITIONS: WHENEVER POSSIBLE, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES HIGHER THAN THE TOP OF THE SEWER.
2. UNUSUAL CONDITIONS: IF A WATER MAIN MUST CROSS UNDER A SEWER, THE TOP OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES LOWER THAN THE BOTTOM OF THE SEWER, THE WATER MAIN PIPE SHALL BE CENTERED AT THE CROSSING SO THAT THE JOINTS ARE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF THE SEWER AT THE CROSSING.

8 MINIMUM WATER AND SEWER PIPE SEPARATION
SCALE: N.T.S.



9 TYPICAL PIPE CROSSING INSULATION
SCALE: N.T.S.

PIUD STANDARD SEWER DETAILS
SHEET 2 OF 2

NOTE:

DETAILS SHOWN ON THIS SHEET WERE SOURCED FROM PRESQUE ISLE UTILITIES DISTRICT (PIUD). ALL SEWER WORK SHALL ADHERE TO THE CURRENT REQUIREMENTS OF THE PIUD.

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
SEWER UTILITY DETAILS – SHEET 2

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

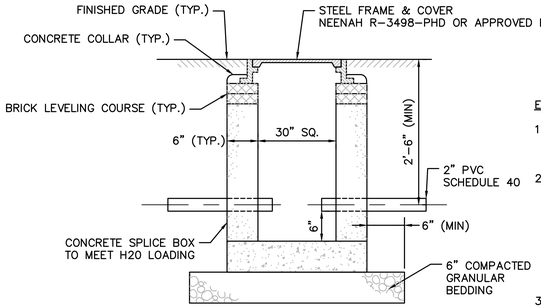
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.207

NOTE:

DETAILS SHOWN ON THIS SHEET WERE SOURCED FROM VERSANT POWER. ALL ELECTRICAL WORK SHALL ADHERE TO THE CURRENT REQUIREMENTS OF VERSANT POWER.

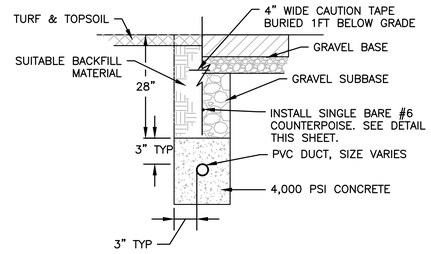


DUCT BANK HANDHOLE DETAIL

NOT TO SCALE

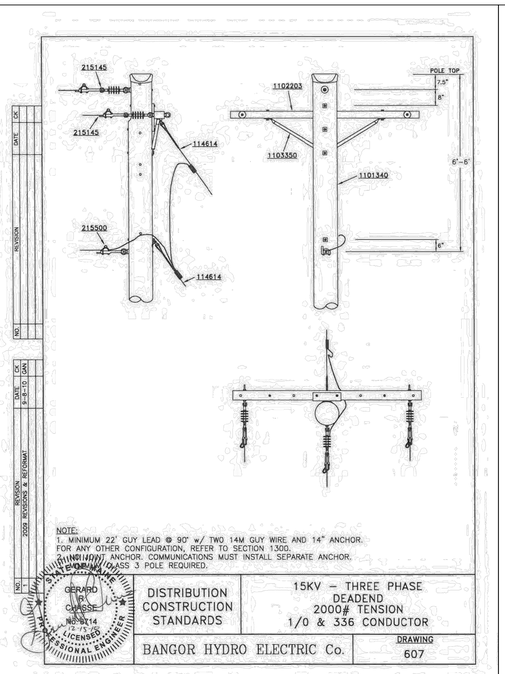
ELECTRICAL HANDHOLE NOTES:

1. ALL LIFTING HOLES SHALL BE PLUGGED WITH NON SHRINK GROUT.
2. STRUCTURE AND COVER MUST BE DESIGNED FOR HS20 LOADING. THE CONTRACTOR MUST SUPPLY SHOP DRAWINGS AND MANUFACTURERS CERTIFICATIONS TO THE ENGINEER FOR REVIEW PRIOR TO INSTALLATION.
3. ELECTRIC HANDHOLE SHALL BE FITTED WITH UNISTRUT CHANNEL ARMS WITH PORCELAIN CABLE CLAMPS.



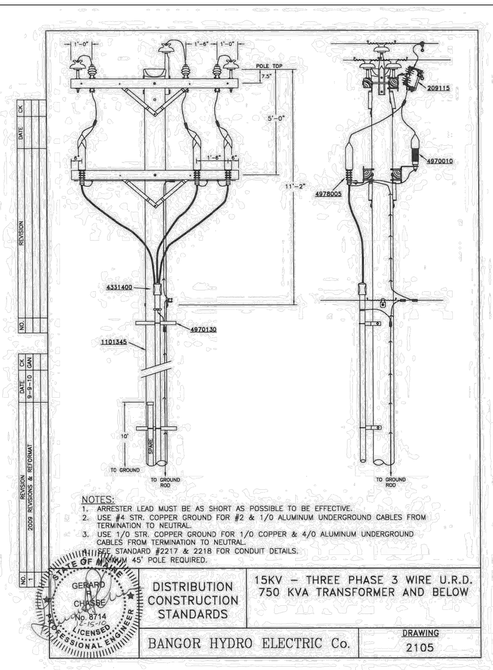
CONCRETE ENCASED DUCT

NOT TO SCALE



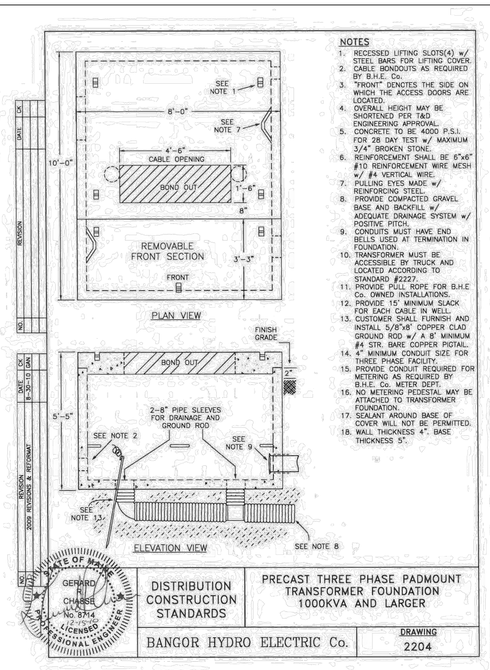
NOTE:
1. MINIMUM 22' GUY LEAD @ 90° w/ TWO 14M GUY WIRE AND 14" ANCHOR. FOR ANY OTHER CONFIGURATION, REFER TO SECTION 1300. GROUND ANCHOR. COMMUNICATIONS MUST INSTALL SEPARATE ANCHOR. MINIMUM CLASS 3 POLE REQUIRED.

DISTRIBUTION CONSTRUCTION STANDARDS	15KV – THREE PHASE DEADEND 2000# TENSION 1/0 & 336 CONDUCTOR
BANGOR HYDRO ELECTRIC Co.	DRAWING 607



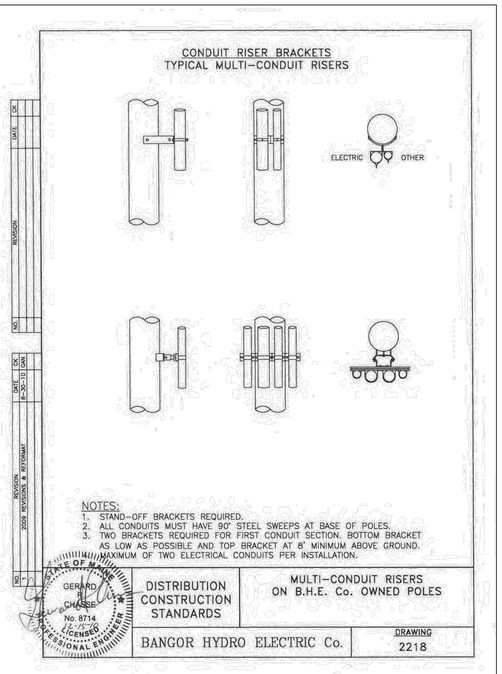
NOTES:
1. ARRESTER LEAD MUST BE AS SHORT AS POSSIBLE TO BE EFFECTIVE.
2. USE #4 STR. COPPER GROUND FOR #2 & 1/0 ALUMINUM UNDERGROUND CABLES FROM TERMINATION TO NEUTRAL.
3. USE 1/0 STR. COPPER GROUND FOR 1/0 COPPER & 4/0 ALUMINUM UNDERGROUND CABLES FROM TERMINATION TO NEUTRAL.
4. SEE STANDARD #2217 & 2218 FOR CONDUIT DETAILS.
5. 45' POLE REQUIRED.

DISTRIBUTION CONSTRUCTION STANDARDS	15KV – THREE PHASE 3 WIRE U.R.D. 750 KVA TRANSFORMER AND BELOW
BANGOR HYDRO ELECTRIC Co.	DRAWING 2105



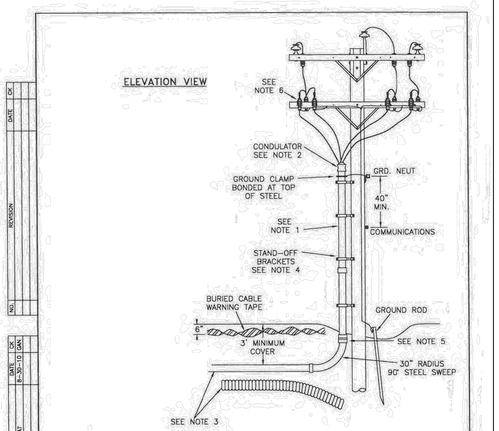
NOTES
1. RECESSED LIFTING SLOTS(4) w/ STEEL BARS FOR LIFTING COVER.
2. CABLE BONDOUTS AS REQUIRED BY B.H.E. Co.
3. "FRONT" DENOTES THE SIDE ON WHICH THE ACCESS DOORS ARE LOCATED.
4. OVERALL HEIGHT MAY BE SHORTENED PER T&D ENGINEERING APPROVAL.
5. CONCRETE TO BE 4000 P.S.I. FOR 28 DAY TEST w/ MAXIMUM 3/4" BROKEN STONE.
6. REINFORCEMENT SHALL BE 6"x6" #10 REINFORCEMENT WIRE MESH w/ #4 VERTICAL WIRE.
7. PULLING EYES MADE w/ REINFORCING STEEL.
8. PROVIDE COMPACTED GRAVEL BASE AND BACKFILL w/ ADEQUATE DRAINAGE SYSTEM w/ POSITIVE PITCH.
9. CONDUITS MUST HAVE END BELLS USED AT TERMINATION IN FOUNDATION.
10. TRANSFORMER MUST BE ACCESSIBLE BY TRUCK AND LOCATED ACCORDING TO STANDARD #2227.
11. PROVIDE PULL ROPE FOR B.H.E Co. OWNED INSTALLATIONS.
12. PROVIDE 15' MINIMUM SLACK FOR EACH CABLE IN WELL.
13. CUSTOMER SHALL FURNISH AND INSTALL 5/8"x8' COPPER CLAD GROUND ROD w/ A 8' MINIMUM #4 STR. BARE COPPER PIGTAIL.
14. 4" MINIMUM CONDUIT SIZE FOR THREE PHASE FACILITY.
15. PROVIDE CONDUIT REQUIRED FOR METERING AS REQUIRED BY B.H.E. Co. METER DEPT.
16. NO METERING PEDESTAL MAY BE ATTACHED TO TRANSFORMER FOUNDATION.
17. SEALANT AROUND BASE OF COVER WILL NOT BE PERMITTED.
18. WALL THICKNESS 4". BASE THICKNESS 5".

DISTRIBUTION CONSTRUCTION STANDARDS	PRECAST THREE PHASE PADMOUNT TRANSFORMER FOUNDATION 1000KVA AND LARGER
BANGOR HYDRO ELECTRIC Co.	DRAWING 2204



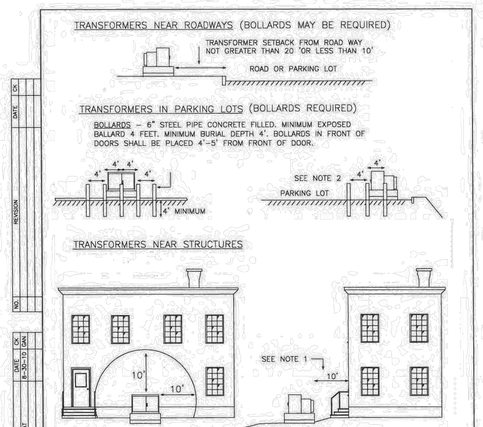
NOTES:
1. STAND-OFF BRACKETS REQUIRED.
2. ALL CONDUITS MUST HAVE 90° STEEL SWEEPS AT BASE OF POLES.
3. TWO BRACKETS REQUIRED FOR FIRST CONDUIT SECTION. BOTTOM BRACKET AS LOW AS POSSIBLE AND TOP BRACKET AT 8' MINIMUM ABOVE GROUND. MAXIMUM OF TWO ELECTRICAL CONDUITS PER INSTALLATION.

DISTRIBUTION CONSTRUCTION STANDARDS	MULTI-CONDUIT RISERS ON B.H.E. Co. OWNED POLES
BANGOR HYDRO ELECTRIC Co.	DRAWING 2218



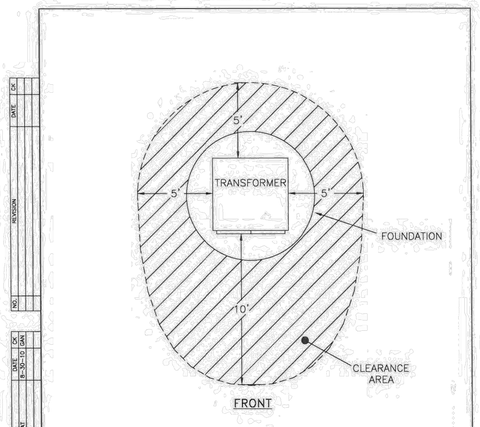
NOTES:
1. R.M.C.–RIGID METAL CONDUIT, GALV. –– I.M.C.–INTERMEDIATE METAL CONDUIT, GALV. SEE STANDARD #2217 FOR CONDUIT SIZE.
2. CONDUIT NEED ONLY TO EXTEND ABOVE NEUTRAL WIRE, BUT ALWAYS MUST BE 3'–4" OR MORE ABOVE COMMUNICATION CABLES.
3. DRAINAGE HOLES IN DUCT LINE AND SUB DRAIN REQUIRED.
4. STAND–OFF BRACKETS REQUIRED.
5. THREADLESS COUPLING MAY BE USED WITH B.H.E. Co. APPROVAL.
6. SPARE TERMINATOR IF NEEDED.

DISTRIBUTION CONSTRUCTION STANDARDS	TERMINAL POLE EXCEPT PUBLIC WAY THREE PHASE 15KV & 35KV
BANGOR HYDRO ELECTRIC Co.	DRAWING 2225



NOTES:
1. TRANSFORMER LOCATION CAN BE REDUCED TO 3' IF A FIRE WALL EXISTS ON THE EXTERIOR OF THE STRUCTURE PROVIDING NO DOORS, WINDOWS, OR OPENINGS ARE WITHIN 10'.
2. TRANSFORMER CAN BE WITHIN A PARKING LOT PROVIDING PROTECTION FROM VEHICULAR TRAFFIC AND SNOW PLOWING CAN MAINTAINED. 500KVA AND LARGER PADMOUNT TRANSFORMERS SHALL BE 15' OR LESS FROM A ROADWAY.

DISTRIBUTION CONSTRUCTION STANDARDS	PADMOUNT TRANSFORMERS LOCATIONS NEAR STRUCTURES & ROADWAYS
BANGOR HYDRO ELECTRIC Co.	DRAWING 2227.1



NOTES:
1. NO OBSTRUCTIONS IN DESIGNATED SPACE (BOLLARDS EXCEPTED).
2. NO VERTICAL OBSTRUCTIONS.

DISTRIBUTION CONSTRUCTION STANDARDS	TRANSFORMER & PRIMARY EQUIPMENT CLEARANCES
BANGOR HYDRO ELECTRIC Co.	DRAWING 2227.2

INSTRUMENT TRANSFORMER CABINETS

For installations where the service voltage does not exceed 480 volts, cabinets for instrument transformer (C.T.s) shall be furnished by the customer and be constructed and installed so as to meet the requirements of NEC Article 312. Cabinet size will be as specified by Versant Power (the Company)

All cabinets shall be constructed so the cover can be readily opened. The cover shall be attached with hinges. The cabinet must be mounted so that the cover does not interfere with installation or maintenance work. All cabinets shall be weatherproof or rain tight and be installed outdoors.

Provision must be made so that the cabinet can be securely sealed with a padlock type meter seal and padlock when the cover is closed. No customer owned devices other than conductors and connectors will be allowed in the C.T. cabinet.

Instrument transformer cabinets with mechanical connectors (Similar to Milbank S1855-O or Cooper B-Line 363612DDHRTCTIN) which support bar type current transformers are required.

All line conductors, including the neutral, shall pass through the instrument transformer cabinet. A neutral connector shall be installed by the customer to provide for the connection of the metering neutral. The customer shall make all primary connections. Secondary metering wires and instrument transformers are furnished and installed by the Company.

A separate 1 ¼" minimum metallic conduit for secondary wires between instrument transformer cabinets and meter enclosures shall be furnished and installed by the customer. This conduit shall be either rigid metal conduit (RMC) or intermediate metal conduit (IMC) and be properly bonded to provide an effective ground. The maximum run of this conduit will be 35 feet.

The top of the cabinet shall be between 5 feet and 6 feet from finish grade.

Single phase 120/240 and three phase 120/208 services in excess of 400 amps require instrument transformer metering. Three phase 277/480 services in excess of 400 amps require instrument transformer metering.

DISTRIBUTION CONSTRUCTION STANDARDS	INSTRUMENT TRANSFORMER CABINET REQUIREMENTS
VERSANT POWER	LAST REVISED 07–14–2020 / DRAWING 2713

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
ELECTRICAL UTILITY DETAILS SHEET 1

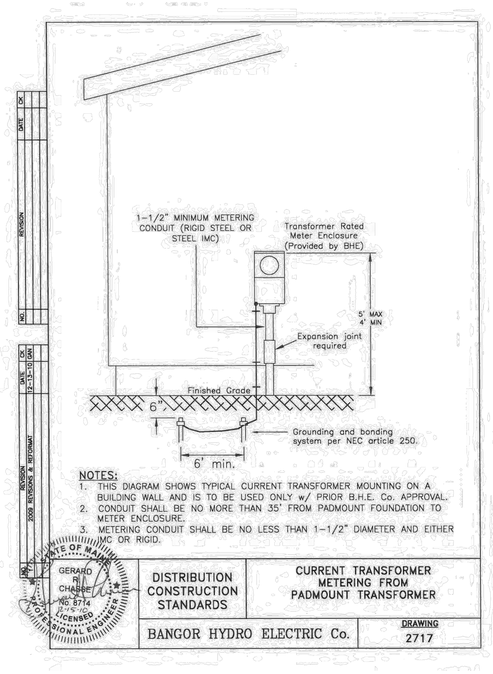
CONTRACT DOCUMENTS

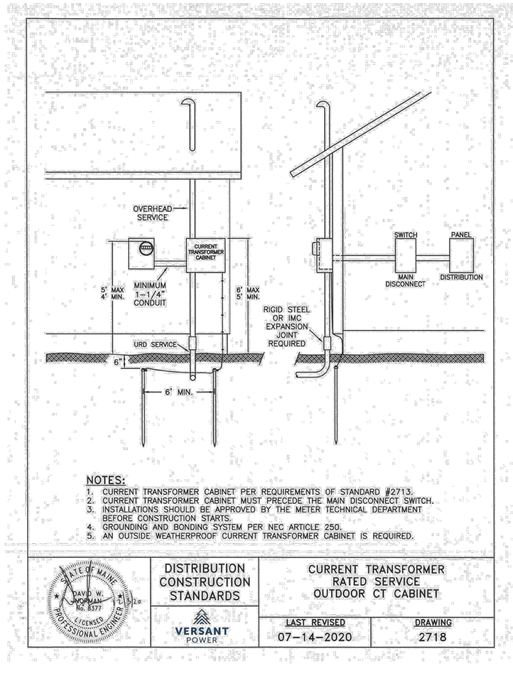
DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

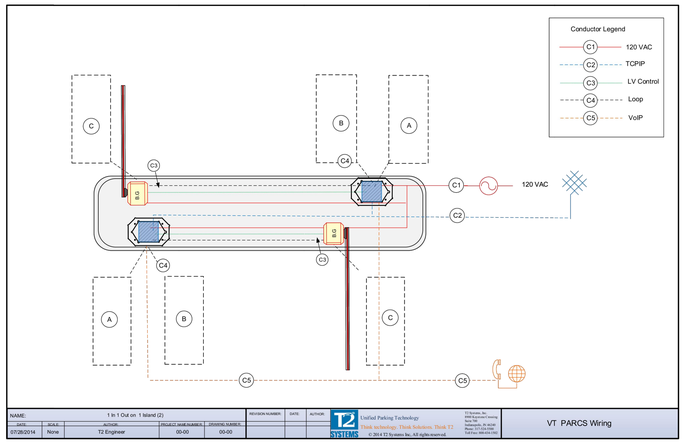
SHEET NUMBER:
C3.208



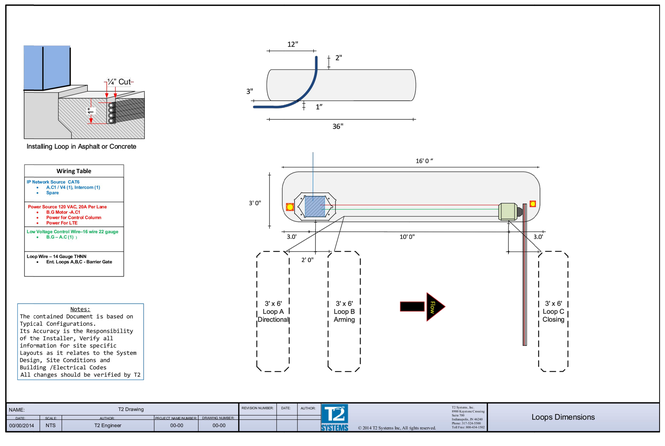


NOTE:

DETAILS SHOWN ON THIS SHEET WERE SOURCED FROM VERSANT POWER. ALL ELECTRICAL WORK SHALL ADHERE TO THE CURRENT REQUIREMENTS OF VERSANT POWER.



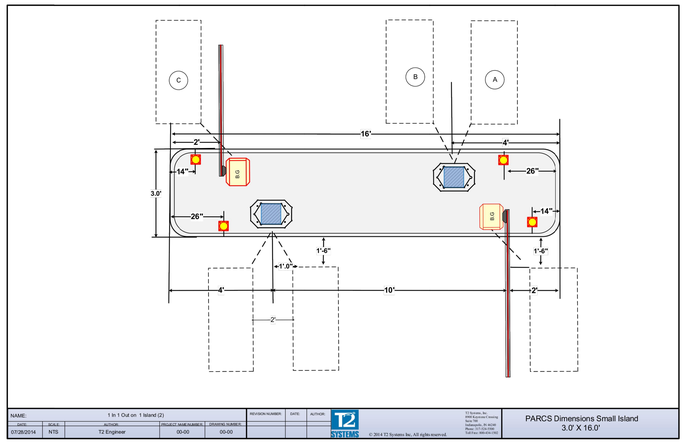
T2 SYSTEMS WIRING DETAIL
NOT TO SCALE



T2 SYSTEMS LOOP AND ONE-WAY DETAIL
NOT TO SCALE

NOTE:

PARKING ACCESS SYSTEMS SHALL BE T2 SYSTEMS OR APPROVED EQUAL.



T2 SYSTEMS TWO-WAY DETAIL
NOT TO SCALE

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
ELECTRICAL UTILITY DETAILS – SHEET 2

CONTRACT DOCUMENTS

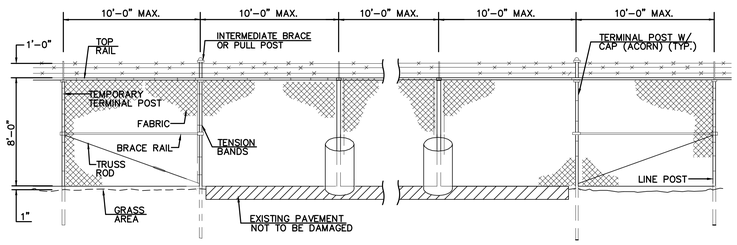
DISCIPLINE:
CIVIL

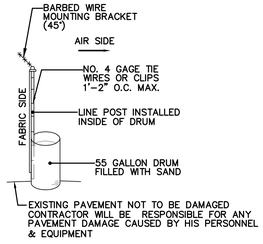
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

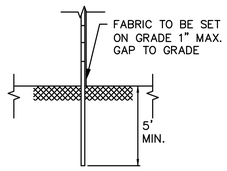
SHEET NUMBER:
C3.209

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C3.209 - ELECTRICAL UTILITY DETAILS - SHEET 2.dwg
6/10/2024 11:29 AM





ON PAVEMENT (POSTS IN BARRELS)

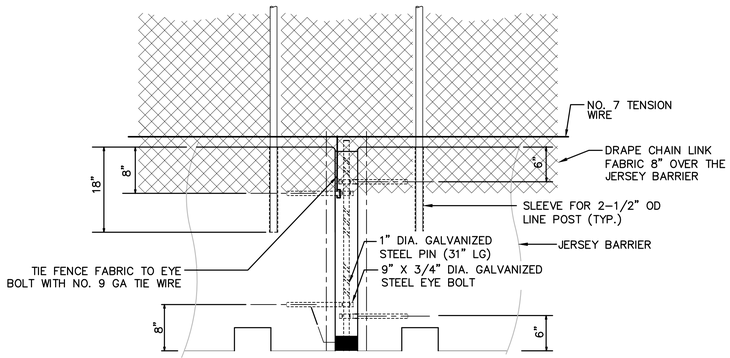


IN TURF (DRIVEN POST)

NOTE:
TEMPORARY SELF SUPPORTING FENCE SHALL EXTEND A MINIMUM OF 2 SECTIONS (20') BEYOND THE EDGES OF PAVEMENT WITH DRIVEN POST PRIOR TO ANY ANGLE POINTS IN THE FENCE.

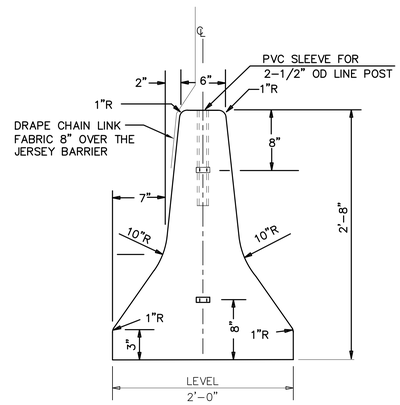
SELF SUPPORTING TEMPORARY FENCE DETAIL

NOT TO SCALE



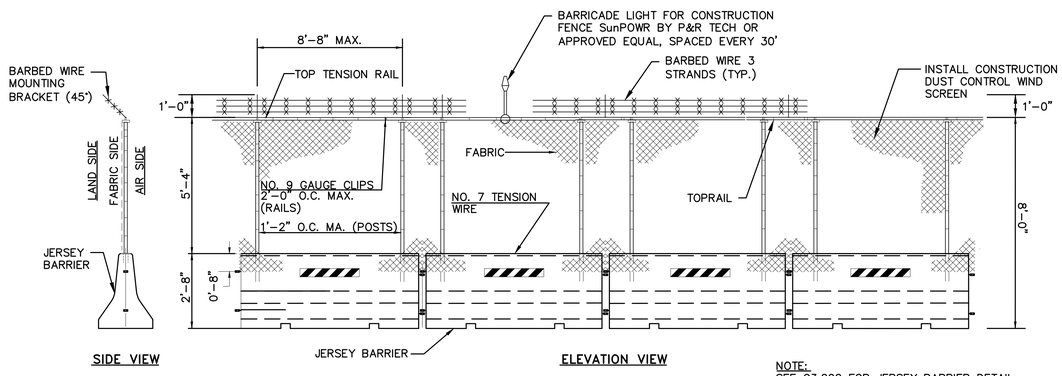
POST IN BARRIER OPTION

NOT TO SCALE



JERSEY BARRIER DETAIL

NOT TO SCALE



NOTE:
SEE C3.202 FOR JERSEY BARRIER DETAIL

SELF SUPPORTING TEMPORARY FENCE DETAIL

NOT TO SCALE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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1 FEDERAL STREET, BOSTON MA 02110
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CONSULTANT:
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Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
TEMPORARY FENCE DETAILS

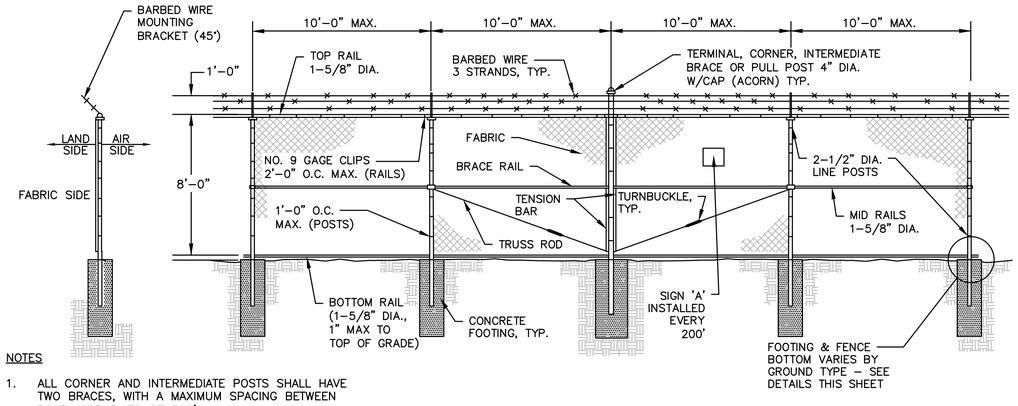
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.210



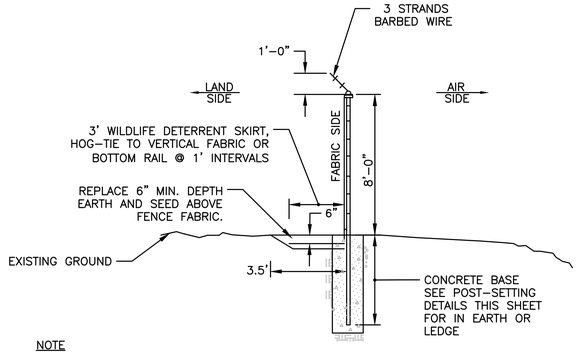
NOTES

1. ALL CORNER AND INTERMEDIATE POSTS SHALL HAVE TWO BRACES, WITH A MAXIMUM SPACING BETWEEN POST ASSEMBLIES OF 500'.
2. POSTS SHALL BE DRIVEN IN WETLAND AREAS.
3. POSTS SHALL BE CONCRETED IN UPLAND AREAS.

8' PERIMETER FENCE DETAIL

NOT TO SCALE

FENCES SHALL BE GROUNDED ON EACH SIDE OF EVERY GATE, AT POINTS 150 FEET (45.7 M) ON EACH SIDE OF HIGH-TENSION LINE CROSSINGS, AND AT 150-FOOT (47.5 M) INTERVALS ALONG THE FENCE WHERE HIGH TENSION LINES (AS DEFINED BY ANSI C2) ARE DIRECTLY OVERHEAD AND RUN PARALLEL TO THE FENCE. FENCES SHALL BE GROUND EVERY 500 FEET OF LENGTH WHEN FENCE ARE IN ISOLATED PLACES AND AT LESSER DISTANCES DEPENDING ON PROXIMITY OF FENCE TO PUBLIC ROADS, HIGHWAYS, AND BUILDINGS. THE GROUND SHALL BE ACCOMPLISHED WITH A COPPER CLAD ROD 10 FEET LONG AND A MINIMUM OF 3/4 INCH IN DIAMETER DRIVEN VERTICALLY UNTIL THE TOP IS 6 INCHES BELOW THE GROUND SURFACE. A NO. 6 SOLID COPPER CONDUCTOR SHALL BE CLAMPED TO THE ROD AND TO THE FENCE IN SUCH A MANNER THAT EACH ELEMENT OF THE FENCE IS GROUNDED.

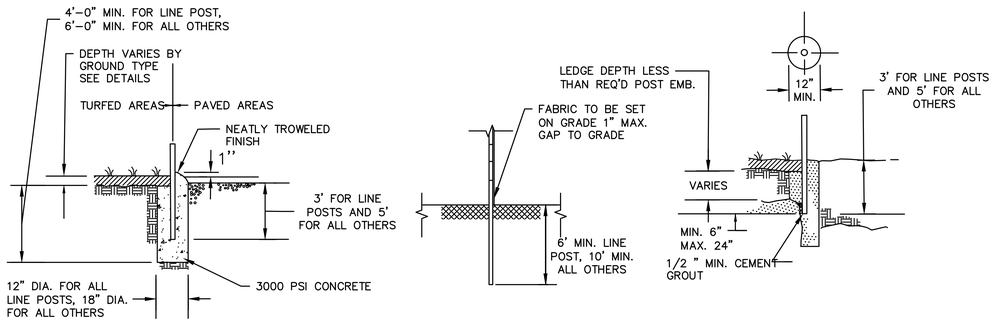


NOTE

1. FULL TENSION OF THE WILDLIFE "SKIRT" IS NOT RECOMMENDED, CONTRACTOR SHALL TENSION WILDLIFE SKIRT ENOUGH TO CONFORM WITH EXISTING TERRAIN.
2. WITHIN LIMITS OF WILDLIFE SKIRT CLEAR AND GRUB ALL BRUSH, TREES, OR VEGETATION.

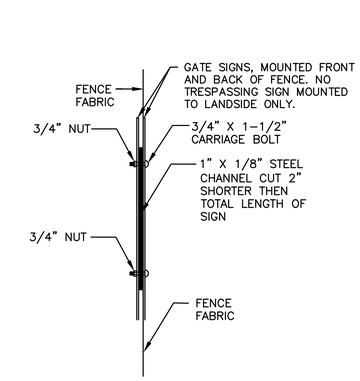
CHAIN LINK FENCE WITH WILDLIFE SKIRT DETAIL

NOT TO SCALE



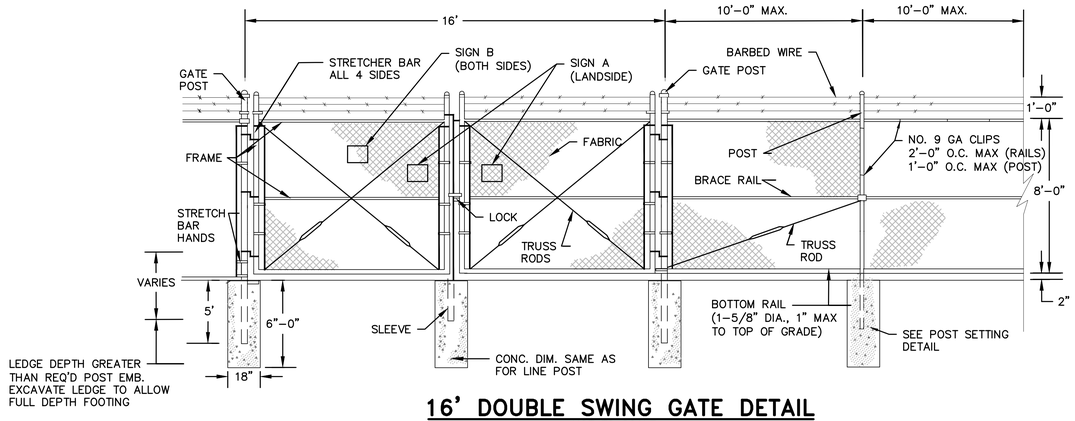
POST SETTING DETAILS

NOTE:
ALL POSTS SET IN LEDGE OR PAVEMENT SHALL BE INCIDENTAL TO EACH FENCE ITEM



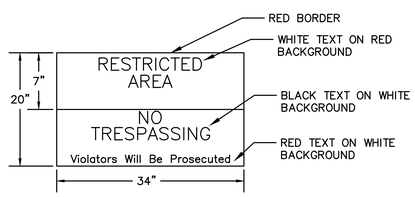
SIGN MOUNTING DETAIL

NOT TO SCALE

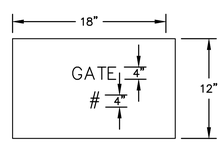


16' DOUBLE SWING GATE DETAIL

NOT TO SCALE



SIGN 'A' DETAIL



SIGN 'B' DETAIL

SIGN NOTES:

1. SIGN LETTERING, FONTS, COLORS, SIZES AND GRAPHICS ARE TO BE APPROVED BY THE OWNER PRIOR TO PROCUREMENT OF SIGNS.
2. SIGN 'A' TO BE INSTALLED ALONG EVERY 200 FT. LENGTH OF PROPOSED FENCE.
3. SIGNS 'A' AND 'B' TO BE INSTALLED ON EACH GATE. SIGN 'B' TO BE INSTALLED ON BOTH SIDES. THE GATE NUMBERS MUST BE APPROVED BY THE OWNER PRIOR TO PROCUREMENT.

SIGN DETAILS

NOT TO SCALE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
PERMANENT FENCE DETAILS

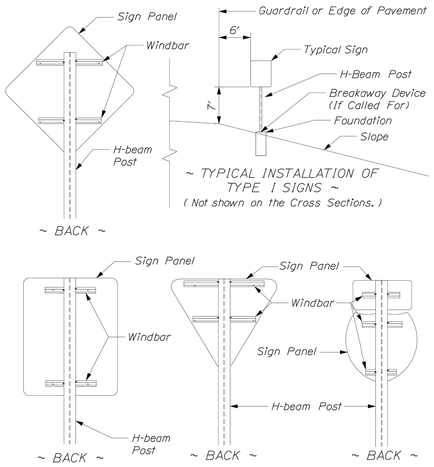
CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.211

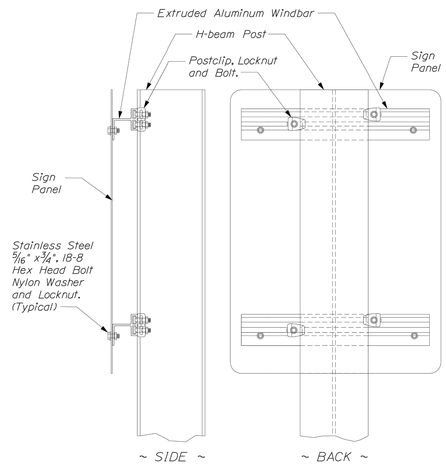


NOTE:
Bolt holes in sign panels shall be located as shown in "Standard Highway Signs".

ATTACHMENT OF SIGNS, REGULATORY, WARNING, AND ROUTE MARKER ASSEMBLY SIGNS, TYPE I TO H-BEAM POSTS

ITEM NO. 645.271

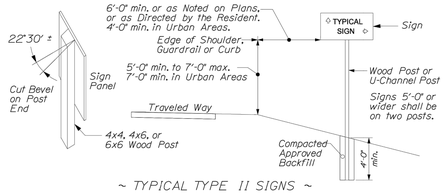
HIGHWAY SIGNING
645(04)



ATTACHMENT OF SIGNS, REGULATORY, WARNING, AND ROUTE MARKER ASSEMBLY SIGNS, TYPE I TO H-BEAM POSTS

ITEM NO. 645.271

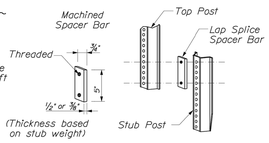
HIGHWAY SIGNING
645(05)



~ TYPICAL TYPE II SIGNS ~

~ LAP SPLICE NOTES ~

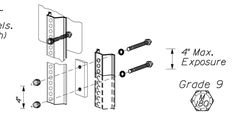
1. Gold spacers (1/2 " thick) are coupled with 3, 4 or 5 lb/ft stub posts.
2. Silver spacers (3/8 " thick) are coupled with 2, 2½, or 2¾ lb/ft stub posts.
3. Secure grade 9 bolts with 20 foot pounds of torque.
4. Same weight posts and stubs leave a small gap between the spacer bar and post (this is acceptable according to the manufacturer).



2 flat washers and self-locking hex nuts per post. A ¾" x 5" plated spacer bar shall be used per post. This spacer is to stiffen the connection.

~ INSTALLATION NOTES ~

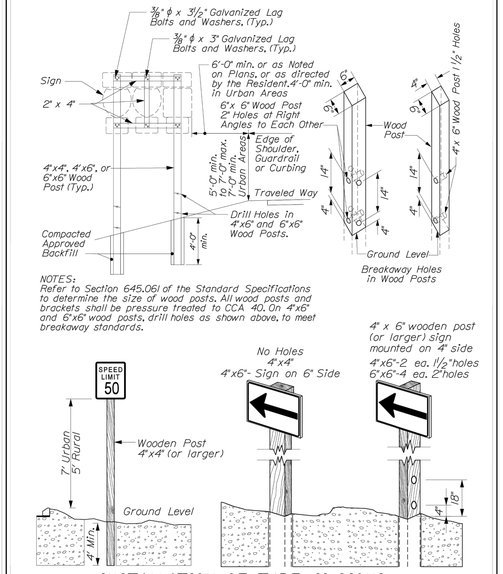
1. Required- matching shaped u- channels. (weight per foot does not need to match)
2. Mount permanent signs that are wider than 30" (larger than 6.25 ft²) on wood posts.
3. Mount signs 5 feet (min.) Above pavement or curb (when present) in rural areas, 7 feet (min.) where parking is permitted within 200 feet of the sign (urban areas).



~ U-CHANNEL - LAP SPLICE ~
(Crash Worthy) Breakaway System

~ U-CHANNEL BREAK AWAYS ~

INSTALLATION OF TYPE II SIGNS
HIGHWAY SIGNING & BREAK AWAY POSTS
645(09)A



NOTES:
Refer to Section 645.06i of the Standard Specifications to determine the size of wood posts. All wood posts and brackets shall be pressure treated to CCA 40. On 4"x6" and 6"x6" wood posts, drill holes as shown above, to meet breakaway standards.

INSTALLATION OF TYPE II SIGNS
HIGHWAY SIGNING & BREAK AWAY POSTS
645(09)B

NOTES:
1) Posts to be plumbed & set in compacted/tamped material
2) Top of PVC pipe shall have no more than 1 inch reveal from finished surface pavement
3) Installation shall meet all requirements found in Standard Specification 645.06i

~ ISLAND SIGN POST SLEEVE ~

INSTALLATION OF TYPE II SIGNS
HIGHWAY SIGNING & BREAK AWAY POSTS
645(09)C

R1-1
STOP

*Reduce spacing 40%

	A	B	C	D	E	F
	18	.375	6	6 C	3	7.75
	24	.625	8	8 C	4	10
C	30	.75	10	10 C	5	12.5
	36	.875	12	12 C	6	15
	48	1.25	16	16 C	8	20

COLORS: LEGEND – WHITE (RETROREFLECTIVE)
BACKGROUND – RED (RETROREFLECTIVE)

1-1

R1-2
YIELD

	A	B	C	D	E	F	G	H	J
	18	.375	2	1	1.5 C	2.375	2.188	.625	1.5
	24	.375	3	1.375	2 C	3.25	3	.875	1.5
C	30	.625	4	1.75	2.5 C	3.938	3.625	.875	1.5
	36	.75	5	2	3 C	4.688	4.375	1.25	2
	48	1	6	2.75	4 C	6.25	5.875	2	3
	60	1.5	8	3.5	5 C	7.875	7.25	2.5	4

COLORS: LEGEND – RED (RETROREFLECTIVE)
BACKGROUND – WHITE (RETROREFLECTIVE)

1-2

03/23/05

R1-5L
YIELD HERE TO PEDESTRIANS

	A	B	C	D	E	F	G	H	J	K	L
	18	.375	.625	1.625	7	5	2 C	2.375	3	4.375	2 C
C	30	.5	.75	2.75	11.5	8.5	3 C	4.25	5	7.25	3 C
	36	.625	.875	3.25	14	10	4 C	4.75	6	8.75	4 C

M	N	P	Q	R	S	T	U
5.364	6.605	1.240	7.805	1.220	1.220	6.605	1.5
8.061	11	2	13	1.820	1.820	11	1.875
10.728	13.21	2.48	15.61	2.44	2.44	13.21	2.25

*Series 2000 Standard Alphabets.
**Insert R1-2 and size to fit.
***Insert R10-6a Arrow and size to fit.
****See 6-10 for design detail.

COLORS: LEGEND & ARROW – BLACK
PED SYMBOL – BLACK
BACKGROUND – WHITE (RETROREFLECTIVE)
YIELD SYMBOL – RED (RETROREFLECTIVE)

X-XX

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
SIGNAGE DETAILS – SHEET 1

CONTRACT DOCUMENTS

DISCIPLINE:
CIVIL

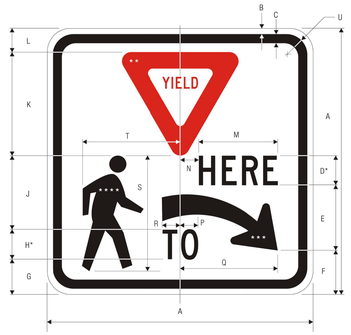
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.212

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C3.212 - SIGNAGE DETAILS - SHEET 1.dwg
6/10/2024 11:30 AM

03/23/05



R1-5R
YIELD HERE TO PEDESTRIANS

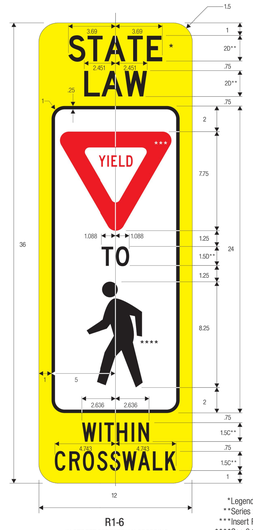
	A	B	C	D	E	F	G	H	J	K	L
C	18	.375	.625	2 C	4.375	3	2.375	2 C	5	7	1.625
	30	.5	.75	3 C	7.25	5	4.25	3 C	8.5	11.5	2.75
	36	.625	.875	4 C	8.75	6	4.75	4 C	10	14	3.25

M	N	P	Q	R	S	T	U
5.364	1.240	1.220	6.605	1.220	7.805	6.605	1.5
8.061	2	1.820	11	1.820	13	11	1.875
10.728	2.48	2.44	13.21	2.44	15.61	13.21	2.25

*Series 2000 Standard Alphabets.
**Insert R1-2 and size to fit.
***Insert R10-6a Arrow and size to fit.
****See 6-10 for design detail.

COLORS: LEGEND & ARROW – BLACK
PED SYMBOL – BLACK
BACKGROUND – WHITE (RETROREFLECTIVE)
YIELD SYMBOL – RED (RETROREFLECTIVE)

X-XX

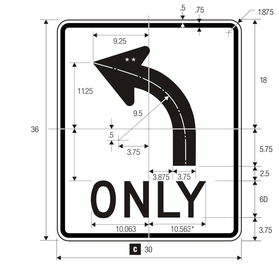


R1-6
IN-STREET PEDESTRIAN CROSSING

*Legend is optional.
**Series 2000 Standard Alphabets.
***Insert R1-2 and size to fit.
****See 6-10 for design detail.

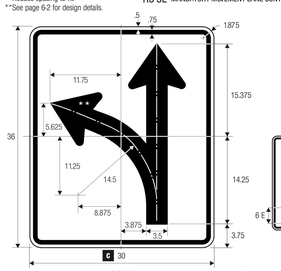
COLORS: LEGEND – BLACK
BACKGROUND – FLUORESCENT YELLOW-GREEN, OR YELLOW (RETROREFLECTIVE)
YELLOW SYMBOL – RED (RETROREFLECTIVE) ON WHITE (RETROREFLECTIVE)
PED SYMBOL – BLACK ON WHITE (RETROREFLECTIVE)

1-8



R3-5L MANDATORY MOVEMENT LANE CONTROL

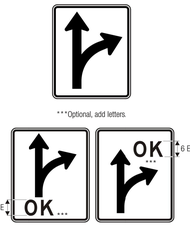
*Reduce spacing to fit.
**See page 6-2 for design details.



R3-5R

R3-6L OPTIONAL MOVEMENT LANE CONTROL

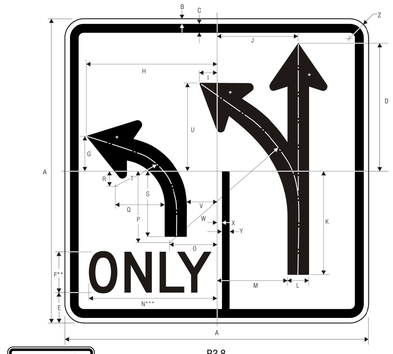
***Optional, add letters.



R3-6R

COLORS: LEGEND – BLACK
BACKGROUND – WHITE (RETROREFLECTIVE)

1-27



R3-8
ADVANCE INTERSECTION LANE CONTROL

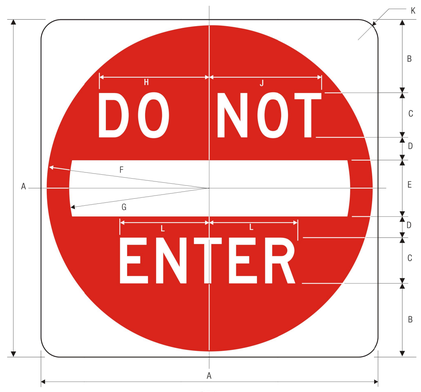
*See page 6-2 for design details.
**Series 2000 Standard Alphabets.
***Reduce spacing to fit.
****OK is optional.

	A	B	C	D	E	F	G	H	I	J	K	L	M
C	30	.5	.75	12.625	3	4 D	5	12.875	1.75	9.75	10.25	2.5	8.5
	36	.625	.875	15	3.6	5 D	6	15.45	2.1	11.7	12.3	3	10.2
	48	.75	1.25	20.2	4.8	6 D	8	20.6	2.8	15.6	16.4	4	13.6

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
12.332	4.75	7.5	4.5	2.625	6.5	5.75	8	2.75	14.5	.5	.75	1.875
15.445	5.7	9	5.4	3.15	7.8	6.9	9.6	3.3	17.4	.6	.9	2.25
19.556	7.6	12	7.2	4.2	10.4	9.2	12.8	4.4	23.2	.8	1.2	3

COLORS: LEGEND – BLACK
BACKGROUND – WHITE (RETROREFLECTIVE)

1-32

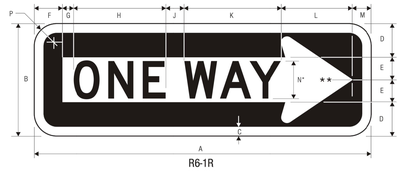


R5-1
DO NOT ENTER

	A	B	C	D	E	F	G	H	J	K	L
C	30	6.5	4 D	2	5	14.5	12.5	9.75	10	1.875	7.875
	36	7.5	5 D	2.5	6	17.5	15	12	12.375	2.25	9.813
	48	11	6 D	3	8	23.5	20	14.5	15	3	11.75

COLORS: SYMBOL – RED (RETROREFLECTIVE)
LEGEND & BACKGROUND – WHITE (RETROREFLECTIVE)

1-73

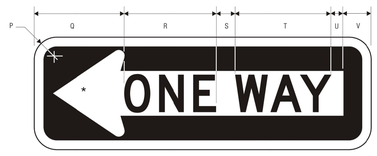


R6-1R
ONE WAY

	A	B	C	D	E	F	G	H	J	K	L	M
C	36	12	.5	3.375	2.625	3	1.25	9.125	2	9.625	9	2
	54	18	1	5.5	3.5	5	4	12.309	2.929	12.762	13	4

N	P	Q	R	S	T	U	V
4 D	1.5	11	9.125	2	9.625	1.25	3
5 D	1.875	17	12.309	2.929	12.762	4	5

*Series 2000 Standard Alphabets.
**See page 6-2 for arrow design.



R6-1L
ONE WAY

COLORS: LEGEND – BLACK
BACKGROUND – BLACK
ARROW – WHITE (RETROREFLECTIVE)

1-86

R7-1 NO PARKING

R7-2 NO PARKING

COLORS: LEGEND – RED
BACKGROUND – WHITE (RETROREFLECTIVE)

*See page 6-2 for arrow design

R7-2a NO PARKING

COLORS: LEGEND, CIRCLE & DIAGONAL – RED (RETROREFLECTIVE)
BACKGROUND – WHITE (RETROREFLECTIVE)
SYMBOL – BLACK

1-90

R7-5 NO PARKING

R7-6 NO PARKING

LEGEND – GREEN (RETROREFL) BACKGROUND – WHITE (RETROREFL)

LEGEND – RED (RETROREFL) BACKGROUND – WHITE (RETROREFL)

R7-7 NO PARKING

R7-8 NO PARKING

LEGEND – RED (RETROREFL) BACKGROUND – WHITE (RETROREFL)

LEGEND – GREEN (RETROREFL), WHITE SYMBOL ON BLUE (RETROREFL)
BACKGROUND – WHITE (RETROREFL)

*Reduce spacing 50%.
**See page 6-31.
***See page 6-2 for arrow design.

04/14/05

1-92

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
SIGNAGE DETAILS – SHEET 2

CONTRACT DOCUMENTS

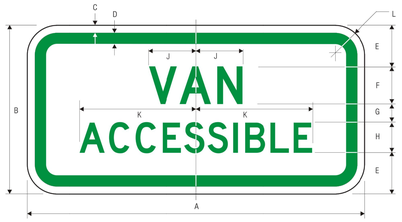
DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.213

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C3.213 - SIGNAGE DETAILS - SHEET 2.dwg
6/10/2024 11:30 AM



R7-8a
VAN ACCESSABLE

R7-8b
VAN ACCESSABLE

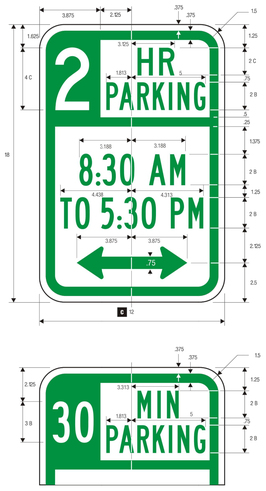
	A	B	C	D	E	F	G	H	J	K	L
	12	6	.375	.438	1.5	1.5 D	.5	1 D	1.871	3.859	1.5
C	18	9	.375	.438	2.25	2 D	1	1.5 D	2.493	5.784	1.5

PARKING APPLICATION

COLORS: LEGEND — GREEN (RETROREFLECTIVE) OR BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

DIRECTIONAL APPLCATION

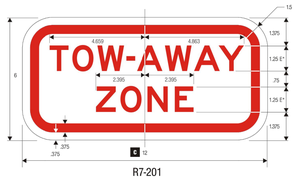
COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLUE (RETROREFLECTIVE)



R7-108
NO PARKING-TIME

COLORS: LEGEND — GREEN (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

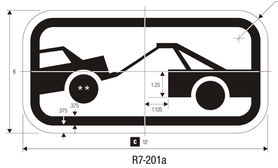
COLORS:
LEGEND — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)



R7-201
TOW AWAY ZONE

COLORS:
LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

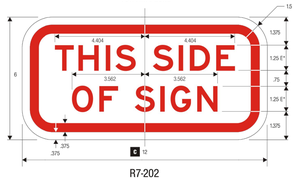
**See page 6-11 for symbol design.



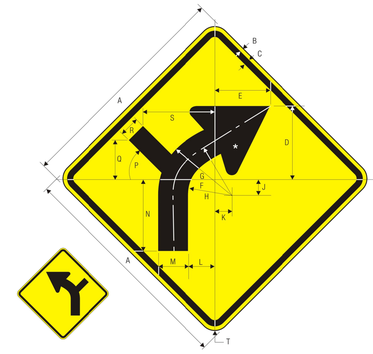
R7-201a
TOW AWAY ZONE

COLORS:
LEGEND — RED (RETROREFLECTIVE)
BACKGROUND — WHITE (RETROREFLECTIVE)

*Series 2000 Standard Alphabets.



R7-202
THIS SIDE OF SIGN



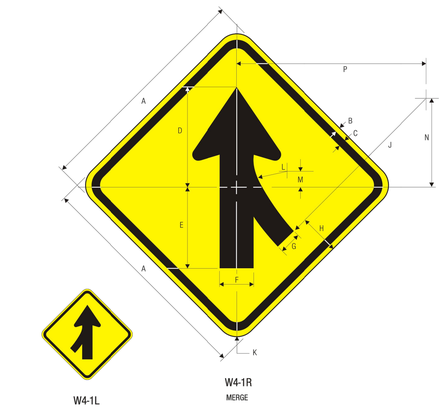
HORIZONTAL ALIGNMENT

See page 6-2 for symbol design.

	A	B	C	D	E	F	G	H	J	K	L	M
	18	.375	.625	5.844	4.523	5.844	4.643	3.442	1.361	1.401	2.121	2.401
	24	.375	.625	7.285	5.604	7.285	5.784	4.283	1.721	1.761	2.601	3
	30	.5	.75	9.727	7.525	9.807	7.805	5.804	2.241	2.321	3.482	4
C	36	.625	.875	12.169	9.367	12.209	9.707	7.205	2.842	2.922	4.363	5
	48	.75	1.25	17	13.129	17	13.510	10	3.963	4.083	6.084	7

N	P	Q	R	S	T
5.844	45°	3.082	1.601	5.764	1.5
7.285	45°	4.123	2	7.685	1.5
9.727	45°	5.163	2.601	9.607	1.875
12.169	45°	6.204	3	11.528	2.25
17	45°	8.286	4	15.371	3

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



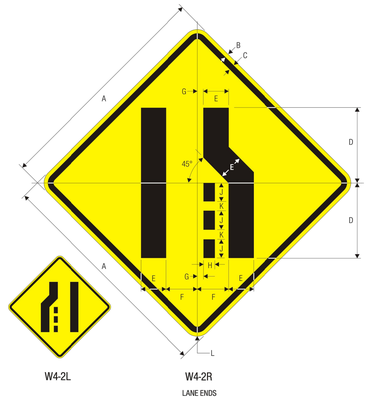
MERGE

*See page 6-2 for arrow design.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P
	24	.375	.625	10.25	8.75	3.5	2.375	4.188	22.25	1.5	6.375	2.625	10.375	22.188
	30	.5	.75	13	11	4.375	3	5.25	28	1.875	8	3	13	27.75
C	36	.625	.875	15.75	13.25	5.25	3.625	6.313	33.625	2.25	9.625	4	15.625	33.313
	48	.75	1.25	20.5	17.5	7	4.75	8.375	45	3	12.813	5.25	20.75	44.375

WARNING SIGN COLORS:
SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

TTC SIGN COLORS:
SYMBOL — BLACK
BACKGROUND — ORANGE (RETRORFLECTIVE)



LANE ENDS

	A	B	C	D	E	F	G	H	J	K	L
	30	.5	.75	10	3.375	4.188	.875	1.5	2.5	1.25	1.875
C	36	.625	.875	12	4	5	1	1.75	3	1.5	2.25
	48	.75	1.25	16	5.375	6.688	1.25	2.375	4	2	3

WARNING SIGN COLORS:

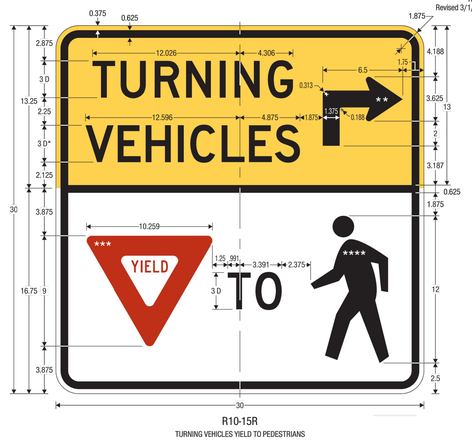
SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

CONSTRUCTION SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)

*Series 2000 Standard Alphabets.

COLORS: LEGEND — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)



R10-15
Revised 3/1/2012

R10-15R
TURNING VEHICLES YIELD TO PEDESTRIANS

R10-15L

★ Reduce character spacing 20%.
★★ See page 6-2 for arrow design.
★★★ See page 1-2 for sign design.
★★★★ See page 6-10 for symbol design.

UPPER SECTION
COLORS: LEGEND, BORDER — BLACK
BACKGROUND — YELLOW (RETRORFLECTIVE)

LOWER SECTION
COLORS: LEGEND, BORDER — BLACK
YIELD SYMBOL — RED (RETRORFLECTIVE)
BACKGROUND — WHITE (RETRORFLECTIVE)

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE, ME

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:
N

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL PROJECT

SHEET TITLE:
SIGNAGE DETAILS — SHEET 3

CONTRACT DOCUMENTS

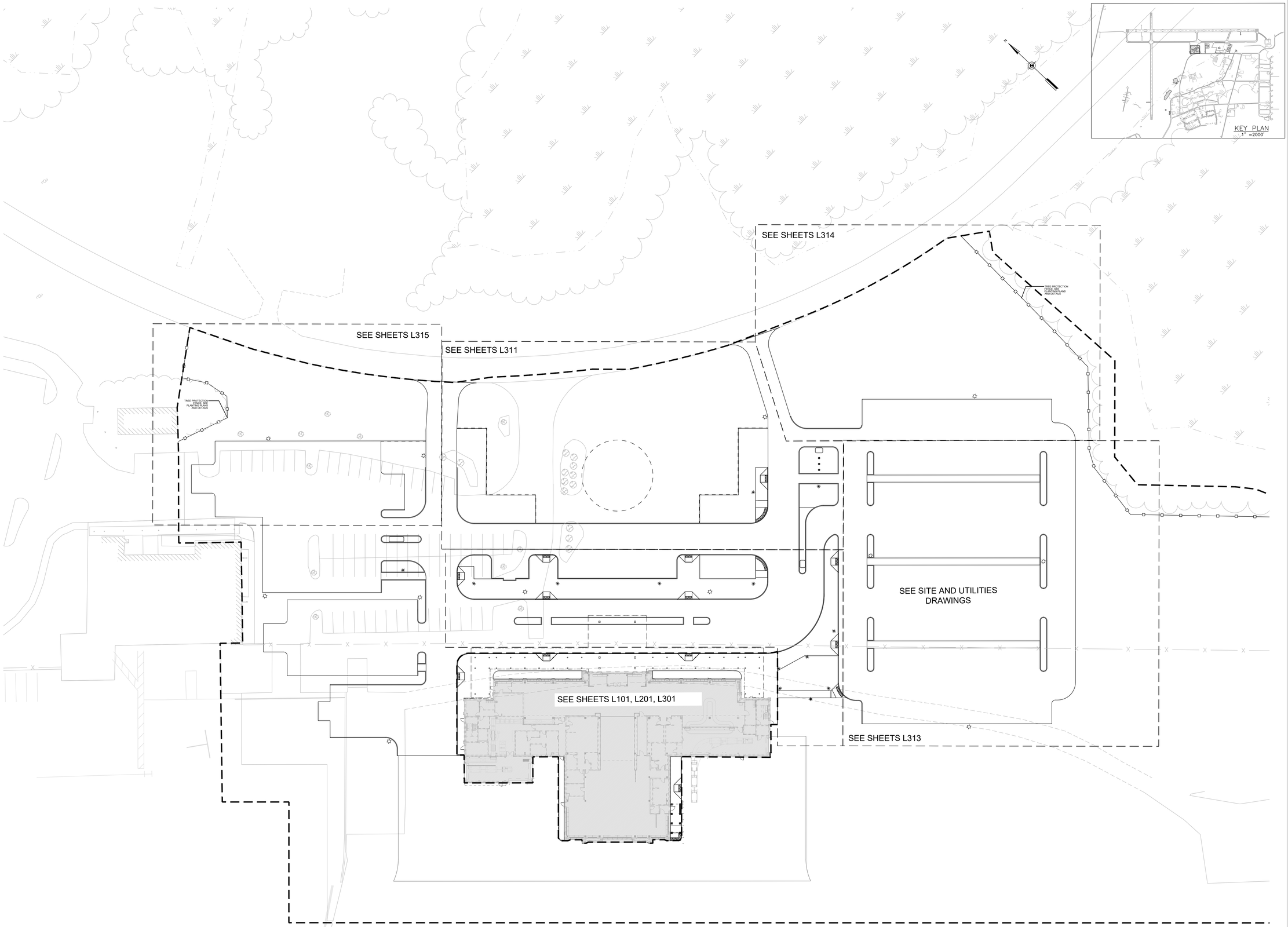
DISCIPLINE:
CIVIL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JAK	CMS	NEG	SLS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
C3.214

H:\1_PROJECTS\1437 Presque Isle\22.143702.00 PQI New Airport Terminal\2-CADD\0-Contract-3\C3.214 - SIGNAGE DETAILS - SHEET 3.dwg
6/10/2024 11:30 AM



PROJECT LOCATION:

PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:

BID DOCUMENTS

REGISTRATION STAMP:

LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:

AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:

60693900

PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:

GENERAL PLAN

CONTRACT DOCUMENTS

DISCIPLINE:

LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED

DATE: 6/5/2024

SHEET NUMBER:

L101

GENERAL NOTES

1. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR CLARIFICATION AND RESOLUTION PRIOR TO CONSTRUCTION.
2. REFER TO CIVIL DRAWINGS FOR GRADING, DRAINAGE, AND UTILITIES.
3. REFER TO CIVIL OR STRUCTURAL DRAWINGS AS NOTED.
4. COORDINATES, IN U.S. SURVEY FEET, ARE IN MAINE STATE PLANE COORDINATE SYSTEM, EAST ZONE, REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83). SEE CIVIL NOTES FOR OTHER SURVEY ELEVATION AND ORIGIN DETAILS.
5. PEDESTRIAN AND VEHICLE ACCESS TO ABUTTING PREMISES MUST BE MAINTAINED IN A SAFE AND ACCESSIBLE CONDITION AT ALL TIMES.
6. EXISTING PAVEMENTS AND/OR SIDEWALKS SHALL BE SAW CUT WHERE THEY MEET PROPOSED SURFACE TREATMENTS. SAW CUTS SHALL BE SMOOTH AND STRAIGHT. WHERE NEW HOT MIX ASPHALT MEETS EXISTING HOT MIX ASPHALT SURFACES OR CEMENT CONCRETE SURFACES, SAW CUT EDGES ARE TO BE SEALED WITH HMA JOINT SEALANT AND BACKSANDED.
7. AREAS OUTSIDE THE LIMITS OF WORK DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE EXPENSE OF THE CONTRACTOR.
8. MUNICIPALLY OWNED UTILITY STRUCTURES INCLUDING MANHOLES, CATCH BASINS, AND GATE BOXES SHALL BE ADJUSTED OR REMODELED TO FINISHED GRADE BY THE CONTRACTOR. ALL PRIVATELY OWNED UTILITY STRUCTURES SHALL BE ADJUSTED OR REMODELED BY THE OWNER.
9. FOR BIDDING PURPOSES, LIMITS OF WORK HAVE BEEN SET ON THE PLANS. HOWEVER, THESE MAY BE EXTENDED OR REDUCED AT THE DISCRETION OF THE ENGINEER TO MEET WITH FIELD CONDITIONS.
10. AT POSTS AND POLES, PROPOSED CEMENT CONCRETE SIDEWALK SHALL BE BOXED AND PROVIDED WITH EXPANSION JOINT FILLER. ALSO, EXPANSION JOINT FILLER SHALL BE USED AT ALL BACK OF SIDEWALK LOCATIONS WHERE LOCATIONS MEET EXISTING BUILDINGS, WALLS OR OTHER STRUCTURES AND AS OTHERWISE REQUIRED BY THE ENGINEER.
11. IN THE EVENT OF A QUANTITY DISCREPANCY, THE GREATER QUANTITY SHALL PREVAIL.
12. THE CONTRACTOR MUST NOTIFY "DIG SAFE" PRIOR TO THE START OF ANY ON-SITE WORK.
13. REFERENCE TO SCALE IS FOR FULL-SIZED DRAWINGS ONLY. DO NOT SCALE FROM REDUCED DRAWINGS.
14. DIMENSIONS TAKE PRECEDENCE OVER SCALES SHOWN ON THE DRAWINGS.
15. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

LAYOUT NOTES

1. REFER TO EXISTING CONDITIONS PLANS, FOR BENCH MARK REFERENCES AND HORIZONTAL AND VERTICAL CONTROLS.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD BEFORE PROCEEDING FABRICATION AND INSTALLATION OF LANDSCAPE SITE IMPROVEMENTS.
3. NOTIFY LANDSCAPE ARCHITECT OR ENGINEER OF DISCREPANCIES BETWEEN THE DRAWINGS AND/OR WITH OTHER DISCIPLINES.
4. VERIFY LOCATION OF ALL BUILDINGS, WALLS, WALKWAYS, ROADWAYS AND CURBS AFFECTING LANDSCAPE SCOPE OF WORK WITH STRUCTURAL AND CIVIL DRAWINGS.
5. VERIFY LOCATION OF ALL SUB-SURFACE STRUCTURES, VAULTS, ELECTRICAL LINES, MANHOLES, CONDUIT AND PIPING, DRAINAGE STRUCTURES AND OTHER UTILITIES WITH THE APPROPRIATE ENGINEERING DRAWINGS.
6. ALL DIMENSION LINES ARE EITHER PARALLEL OR PERPENDICULAR TO LINES FROM WHICH THEY ARE DRAWN UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
7. VERIFY IN FIELD ALL DIMENSIONS AND ELEVATIONS.
8. SITE IMPROVEMENTS ARE TO BE INSTALLED PLUMB AND LEVEL UNLESS OTHERWISE NOTED.
9. PRIOR TO COMMENCING LANDSCAPE SITE IMPROVEMENT, SUBMITTALS MUST BE APPROVED. ALL LOCATIONS SHALL BE STAKED IN THE FIELD, AND MOCKUPS CONSTRUCTED AND VERIFIED BY THE CONTRACTOR AND REVIEWED BY THE LANDSCAPE ARCHITECT OR ENGINEER. ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
10. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON MATERIALS AND INSTALLATION.
11. SEE CIVIL ENGINEERING DRAWINGS FOR BASE LINE INFORMATION AND LAYOUT OF WALKWAYS AND WALLS.
12. REFER TO LIGHTING DRAWINGS FOR SITE LIGHTING.

PLANTING NOTES

1. THE CONTRACTOR SHALL SUPPLY PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING AS SHOWN IN THE PLANS.
2. IN THE EVENT OF A DISCREPANCY IN PLANT MATERIAL QUANTITIES BETWEEN THE DRAWINGS AND PLANT LISTS, THE LARGER QUANTITY SHALL BE REQUIRED AND AT NO ADDITIONAL COST TO THE OWNER.
3. ALL PLANT MATERIAL SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO IT'S ARRIVAL TO THE SITE. NO DEVIATIONS OR SUBSTITUTIONS FROM THE PLANT SCHEDULE SHALL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO THE ARRIVAL OF THE PLANT MATERIAL ON SITE.
4. THE CONTRACTOR SHALL PROVIDE REPRESENTATIVE PHOTOGRAPHS OF ALL TREES, SHRUBS, GRASSES, PERENNIALS AND GROUNDCOVER TO BE INSTALLED ON-SITE FOR LANDSCAPE ARCHITECTS APPROVAL.
5. ALL TREES SHALL BE TAGGED AND APPROVED BY LANDSCAPE ARCHITECT. PRIOR TO TAGGING TREES, THE CONTRACTOR MUST PROVIDE TOTAL NUMBER OF TREES AVAILABLE OF SPECIFIED SPECIES THAT MEET THE SIZE AND QUALITY REQUIREMENTS FOR TAGGING. ONCE APPROVED BY LANDSCAPE ARCHITECT, TREE TAGGING CAN BE SCHEDULED AT APPROVED NURSERIES.
6. IF SPECIFIED PLANTS ARE UNABLE TO BE SOURCED, CONTRACTOR SHALL SUBMIT PROPOSED PLANT SUBSTITUTIONS TO LANDSCAPE ARCHITECT FOR APPROVAL. IN THIS CASE, DOCUMENTATION OF EXTENSIVE SEARCH FOR UNAVAILABLE PLANTS SHALL BE PROVIDED TO LANDSCAPE ARCHITECT. IF DOCUMENTED SEARCH APPEARS INSUFFICIENT, LANDSCAPE ARCHITECT MAY REQUIRE SEARCH TO BE CONTINUED FOR SPECIFIED PLANTS.
7. THE LANDSCAPE ARCHITECT SHALL APPROVE ROUGH AND FINISHED GRADES WITHIN PLANTING BED IN FIELD PRIOR TO THE CONTRACTOR STAKING TREES AND UTILITIES FOR LANDSCAPE ARCHITECTS REVIEW.
8. THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING AND PROPOSED UTILITIES TO VERIFY PROPOSED PLANT LOCATIONS AND SHALL REPORT ANY CONFLICTS TO THE LANDSCAPE ARCHITECT TO DETERMINE ALTERNATE PLANTING LOCATIONS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND PROTECTING ALL NEW PLANT MATERIALS AGAINST DAMAGE DURING THE CONSTRUCTION PERIOD. PROTECTION SHALL BEGIN FROM THE TIME THE PLANT IS DELIVERED TO THE SITE AND CONTINUE UNTIL FORMAL ACCEPTANCE OF THE PROJECT.
10. COORDINATE ALL EXISTING AND PROPOSED UTILITY WORK WITH PROPOSED PLANTING. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY WITH ANY CONFLICTS.
11. CONTRACTOR SHALL LEGALLY DISPOSE OF/ REMOVE ALL CONSTRUCTION DEBRIS, EXCESS CONCRETE AND MORTAR DEBRIS, URBAN FILL MATERIALS AND ALL FOREIGN MATERIALS FROM WITHIN THE PLANTING BEDS.
12. ALL PAPER OR PLASTIC CONTAINERS, WIRE BASKETS, TWINE AND PLASTIC OR IRON FASTENERS AND ROPE SHALL BE REMOVED FROM PLANTS BEFORE SETTING IN PLANT PIT. TURN DOWN BURLAP TWO-THIRDS.
13. PLANT SPACING SHALL BE AS INDICATED ON THE DRAWINGS OR IN THE PLANT LIST.
14. ALL PLANTS SHALL BEAR THE SAME RELATION TO FINISHED GRADE AS THE ORIGINAL GRADE BEFORE DIGGING UNLESS OTHERWISE DETAILED AND HAVE A MULCHED SAUCER ACCORDING TO THE DETAILS. PLANT BEDS SHALL DRAIN, OR REMEDIAL UNDERDRAINAGE SHALL BE INSTALLED TO DRAIN INLETS.
15. ALL PLANTS DELIVERED TO THE SITE AND NOT PLANTED IMMEDIATELY SHALL BE STORED AND AND WATERED PROPERLY, ACCORDING TO THE SPECIFICATIONS IN SECURE LOCATIONS AND REVIEWED BY THE LANDSCAPE ARCHITECT.
16. THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REJECT INJURED, DISEASED, DESSICATED OR INCORRECT SPECIES AT ANY TIME.
17. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES ARE TO BE LOAMED AND SEEDED. EXTENT OF OVERSEEDED/ REFURBISHED LAWN AND PLANTING AREAS TO BE VERIFIED IN FIELD BY LANDSCAPE ARCHITECT.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LANDSCAPE GENERAL NOTES

CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
L102

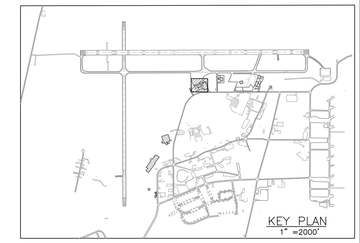
LAYOUT LEGEND

SYMBOL	DESCRIPTION
⌒	ALIGN
℄	CENTER LINE

MATERIALS LEGEND

DETAIL	DESCRIPTION
3 / L-501	CONCRETE PAVING
2 / L-501	UNIT PAVERS
1 / L-502	GRAVEL
1 / L-501	CONCRETE SCORE JOINT
1 / L-501 EJ	CONCRETE EXPANSION JOINT
1 / L-501 IJ	CONCRETE ISOLATION JOINT
5 / L-502	PET RELIEF WASTE BAG DISPENSER
2 / L-502	TRASH AND RECYCLING RECEPTACLE
6 / L-502	RELOCATED FLAG POLES
5 / L-501	PEDESTRIAN LIGHT POLES, SEE ELECTRICAL DWGS
	VEHICULAR LIGHT POLES, SEE CIVIL/ELECTRICAL DWGS
4 / L-502	BENCH
	EXISTING TREE
	PROPOSED EVERGREEN TREE
	PROPOSED DECIDUOUS TREE
PA	PLANTING AREA (PA)

NOTE:
SEE PLANTING PLANS FOR ALL PLANTING



SEE SITE AND UTILITIES DRAWINGS

GRANITE CURBS, TYP. SEE CIVIL DWGS

TRASH AND RECYCLING RECEPTACLE (4 TOTAL). VERIFY LOCATION IN FIELD, TYP. — 2 / L-502

2 / L-501 PAVERS. SEE PAVING PLAN L216

2 / L-502 TRASH AND RECYCLING RECEPTACLE (4 TOTAL)

4 / L-502 BENCH WITH BACK (4 TOTAL)

CANOPY - SEE ARCHITECTURE

BENCH WITH BACK (4 TOTAL). CENTER BENCHES BETWEEN CANOPY COLUMNS, TYP. VERIFY IN FIELD. — 4 / L-502

CL BTWN COLUMNS

CANOPY - SEE ARCHITECTURE

CL

CL

CL

CL

2 / L-502 TRASH AND RECYCLING RECEPTACLE (4 TOTAL)

2 / L-502 TRASH AND RECYCLING RECEPTACLE (4 TOTAL)

POINT OF BEGINNING FOR PAVERS

METAL EDGE LOCATION - VERIFY IN FIELD WITH PAVING EDGE

VERIFY EDGE IN FIELD

GRAVEL CATCHMENT AREA. SEE PLANTING PLAN

GRAVEL CATCHMENT AREA. SEE PLANTING PLAN

4 / L-501 PEDESTRIAN POLE LIGHTS, SEE ELECTRICAL

CURB RAMP, TYP. SEE CIVIL

PROPOSED TERMINAL BUILDING

LIMIT OF WORK

LIMIT OF WORK

SEE CIVIL DRAWINGS FOR MATERIALS AND DETAILS

SEE CIVIL DRAWINGS FOR MATERIALS AND DETAILS

SEE SITE AND UTILITIES DRAWINGS

0 10' 20'
SCALE: 1"=10'

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LAYOUT AND MATERIALS PLAN - SOUTH

CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

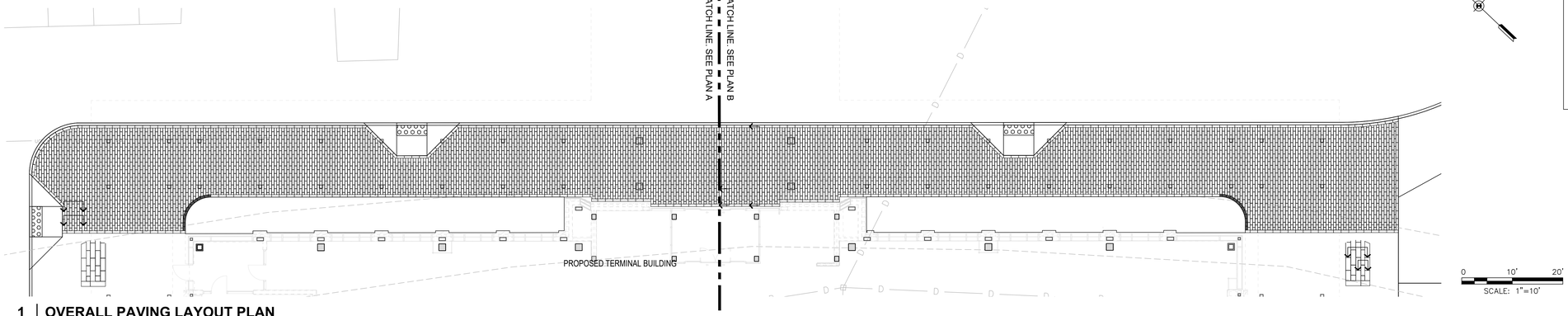
SHEET NUMBER:
L201

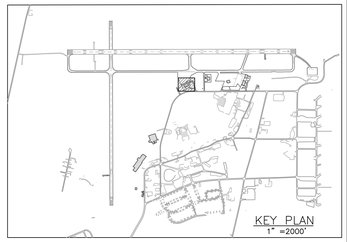
LAYOUT LEGEND

SYMBOL	DESCRIPTION
⌒	ALIGN
℄	CENTER LINE

MATERIALS LEGEND

DETAIL	DESCRIPTION
2 / L-501	UNIT PAVERS

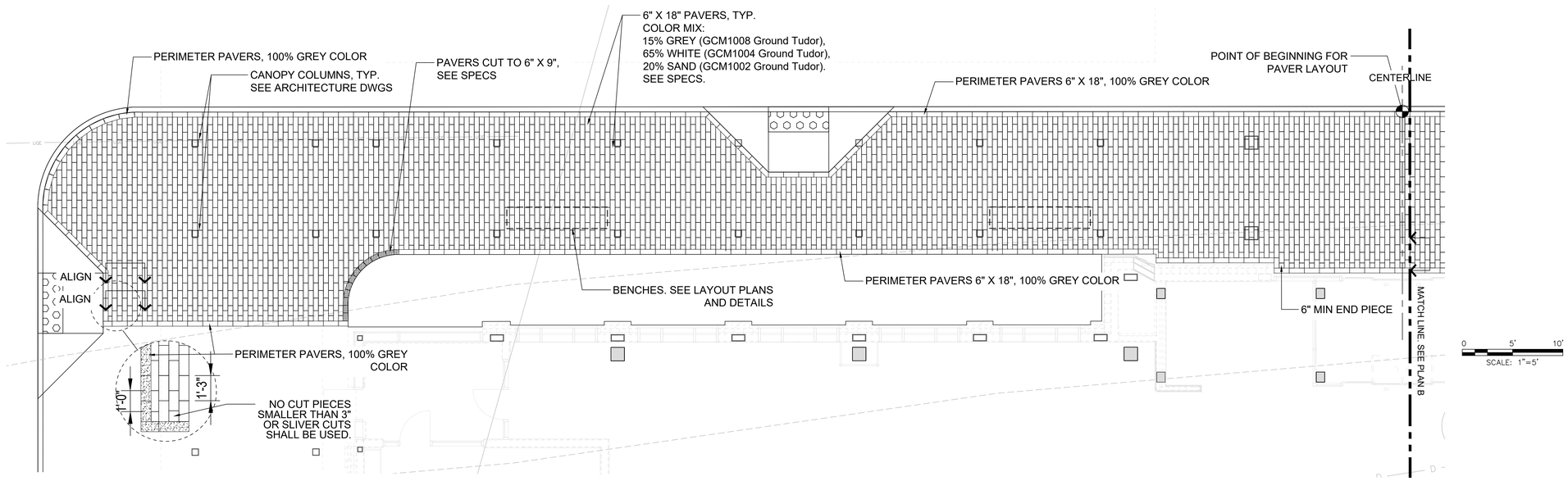




1 OVERALL PAVING LAYOUT PLAN

L-216

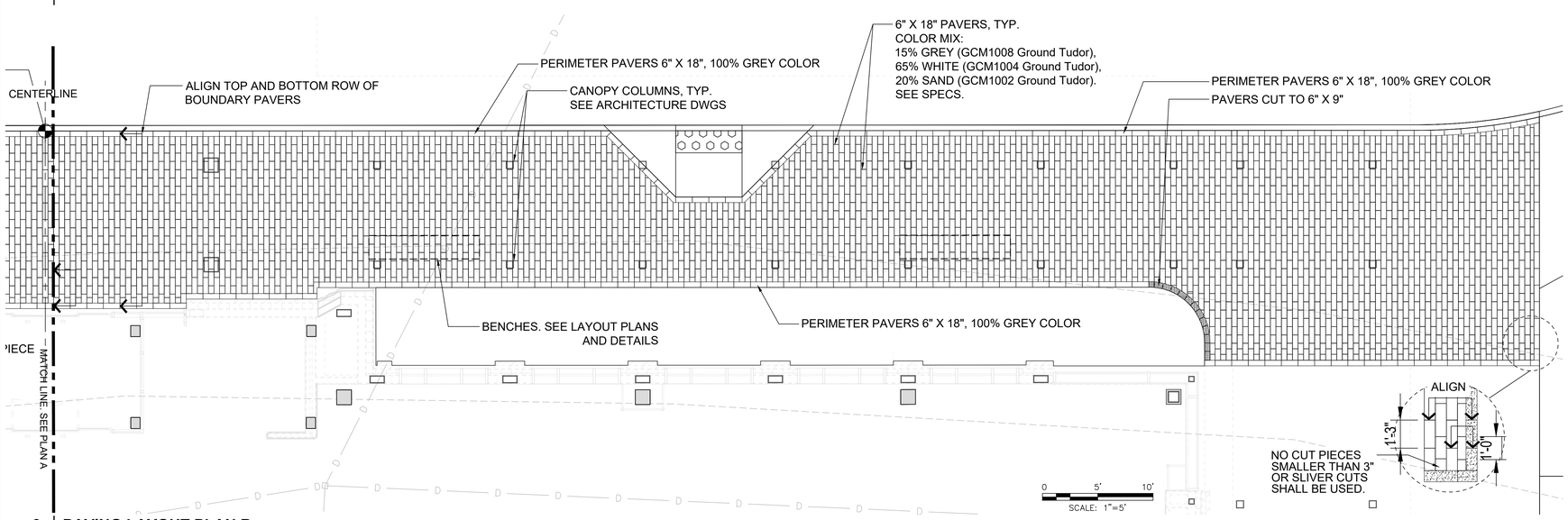
SCALE: 1" = 10'



2 PAVING LAYOUT PLAN A

L-216

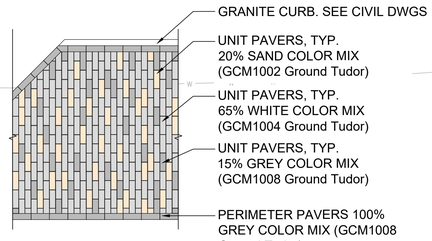
SCALE: 1" = 5'



3 PAVING LAYOUT PLAN B

L-216

SCALE: 1" = 5'



4 PAVING PATTERN COLOR MIX

L-216

SCALE: 1" = 5'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL
PASSENGER TERMINAL

SHEET TITLE:
PAVING LAYOUT PLAN
CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
L216

PLANTING KEY

KEY/SYMBOL	DESCRIPTION
	EXISTING TREES SEE CIVIL PLANS FOR TREE PROTECTION FENCING

PROPOSED EVERGREEN TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AB	4	14-16'	*ABIES BALSAMEA*	BALSAM FIR
PG	10	12-14' B&B	*PICEA GLAUCA*	WHITE SPRUCE
PS	7	12-14' B&B	*PINUS STROBUS*	WHITE PINE

PROPOSED DECIDUOUS TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AS	4	3-3.5" CAL	*ACER SACCHARUM*	SUGAR MAPLE
BP	15	3-3.5" CAL	*BETULA PAPYRIFERA*	PAPER BIRCH
NS	3	3-3.5" CAL	*NYSSA SYLVATICA*	BLACK TUPELO
QR	4	3-3.5" CAL	*QUERCUS RUBRA*	NORTHERN RED OAK
LL	4	3-3.5" CAL	*LARIX LARCINA*	LARCH

PROPOSED ORNAMENTAL TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
CA	11	3-3.5" CAL	*CORNUS ALTERNIFOLIA*	PAGODA DOGWOOD

PROPOSED SHRUB

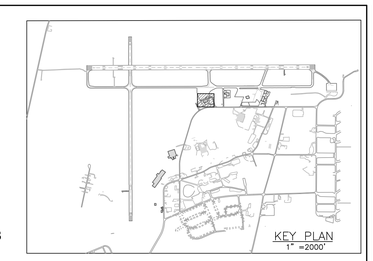
SYMBOL	QTY	SIZE	SPACING	BOTANICAL NAME	COMMON NAME
AI	6	#3	AS SHOWN	*ALNUS INCANA*	SPECKLED ALDER
HV	6	5-6' B&B	AS SHOWN	*HAMAMELIS VIRGINIANA*	AMERICAN WITCH-HAZEL
MC	12	5-6' B&B	AS SHOWN	*MORELLA CAROLINIENSIS*	SMALL BAYBERRY

PROPOSED GROUNDCOVERS, VINES, PERENNIALS, GRASSES AND FERNS

SYMBOL	QTY	SIZE	SPACING	BOTANICAL NAME	COMMON NAME
Au	245	#1	36" O.C	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY
Jh	117	#3	36" O.C	JUNIPERUS HORIZONTALIS	CREEPING JUNIPER
Sn	1800	#3	12" O.C	SYMPHYOTRICHUM NOVAE-ANGLIAE	NEW ENGLAND ASTER
Es	1699	#1	10" O.C	ERAGROSTIS SPECTABILIS	PURPLE LOVEGRASS
Pv	908	#3	18" O.C	PANICUM VIRGATUM	SWITCH PANICGRASS
Pq	65	#2	60" O.C	PARTHENOCISSUS QUINQUEFOLIA	WOODBINE
Ss	1340	#2	12" O.C	SCHIZACHRIUM SCOPARIUM	LITTLE BLUESTEM
				LAWN MIX	LAWN MIX
				BIOSWALE SEED MIX	BIOSWALE SEED MIX

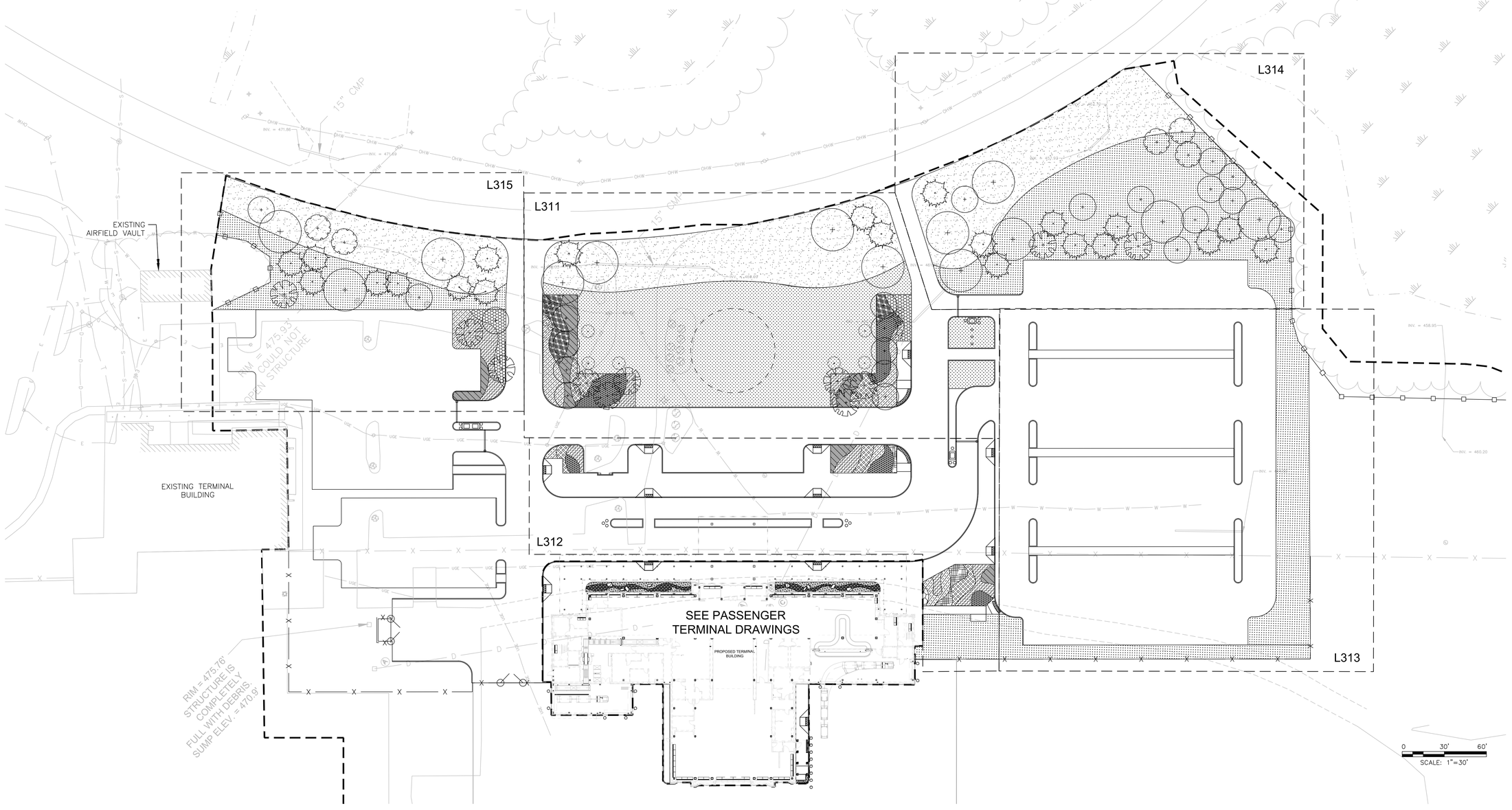
OTHER LANDSCAPE FEATURES

- RIVER ROCK - WHITE - TYPE A
- RIVER ROCK - GREY - TYPE B
- LANDSCAPE BOULDERS



NOTES:

PLANTS SELECTED FOR PLANT HARDINESS ZONES 4A AND 4B



PRESQUE ISLE INTERNATIONAL AIRPORT

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
OVERALL PLANTING PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
L301

PLANTING KEY

KEY/SYMBOL DESCRIPTION

EXISTING TREES
SEE CIVIL PLANS FOR TREE PROTECTION FENCING

PROPOSED EVERGREEN TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AB	4	14-16'	*ABIES BALSAMEA*	BALSAM FIR
PG	10	12-14' B&B	*PICEA GLAUCA*	WHITE SPRUCE
PS	7	12-14' B&B	*PINUS STROBUS*	WHITE PINE

PROPOSED DECIDUOUS TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AS	4	3-3.5" CAL	*ACER SACCHARUM*	SUGAR MAPLE
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LL	4	3-3.5" CAL	*LARIX LARCINA*	LARCH

PROPOSED ORNAMENTAL TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
CA	11	3-3.5" CAL	*CORNUS ALTERNIFOLIA*	PAGODA DOGWOOD

PROPOSED SHRUB

SYMBOL	QTY	SIZE	SPACING	BOTANICAL NAME	COMMON NAME
AI	6	#3	AS SHOWN	*ALNUS INCANA*	SPECKLED ALDER
HV	6	5-6' B&B	AS SHOWN	*HAMAMELIS VIRGINIANA*	AMERICAN WITCH-HAZEL
MC	12	5-6' B&B	AS SHOWN	*MORELLA CAROLINIENSIS*	SMALL BAYBERRY

PROPOSED GROUNDCOVERS, VINES, PERENNIALS, GRASSES AND FERNS

SYMBOL	QTY	SIZE	SPACING	BOTANICAL NAME	COMMON NAME
Au	245	#1	36" O.C	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY
Jh	117	#3	36" O.C	JUNIPERUS HORIZONTALIS	CREEPING JUNIPER
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				LAWN MIX	LAWN MIX
				BIOSWALE SEED MIX	BIOSWALE SEED MIX

OTHER LANDSCAPE FEATURES

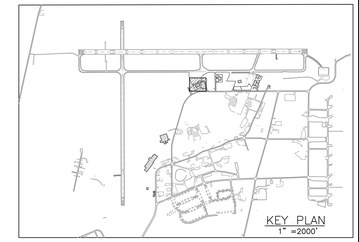
RIVER ROCK - WHITE - TYPE A

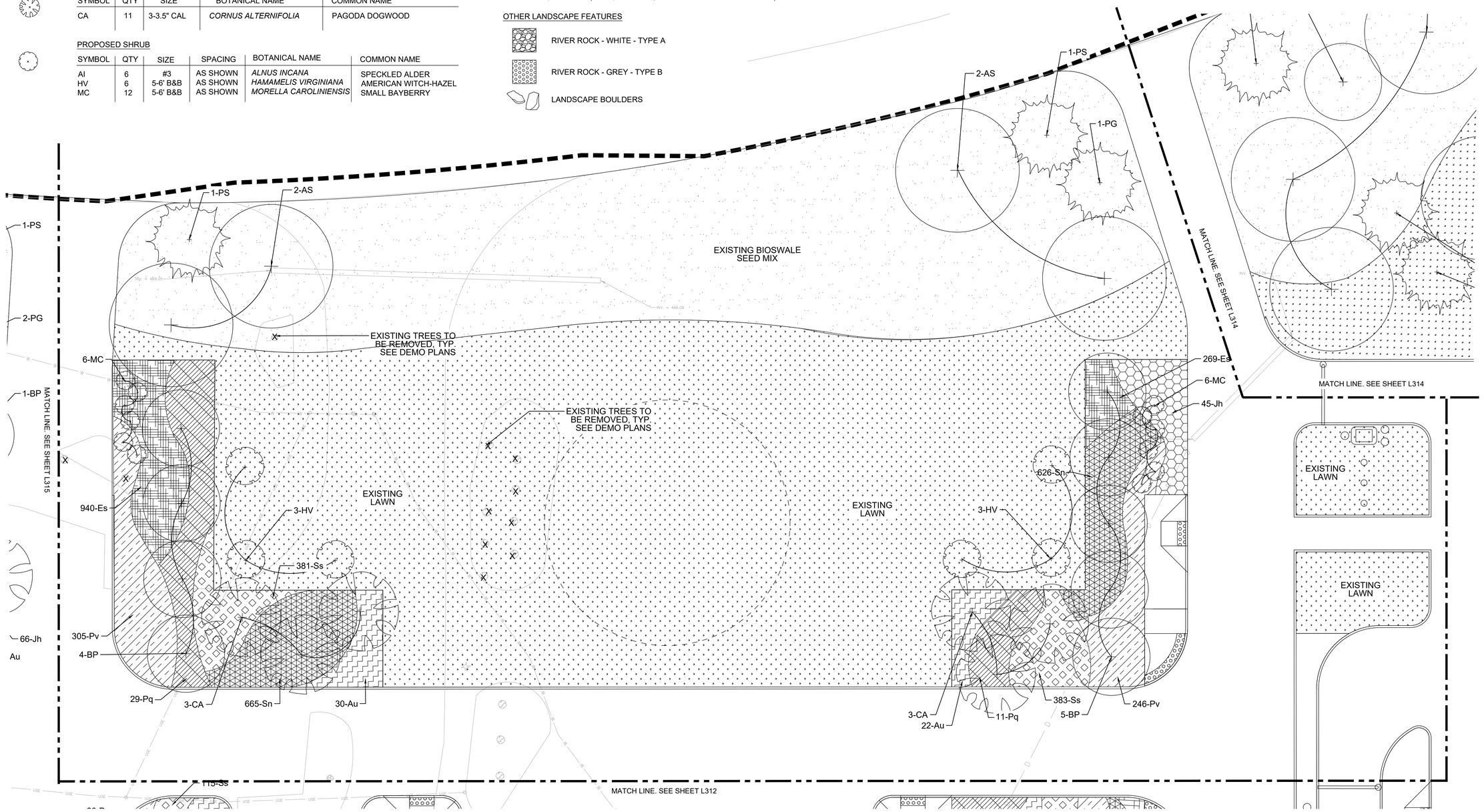
RIVER ROCK - GREY - TYPE B

LANDSCAPE BOULDERS

NOTES:

PLANTS SELECTED FOR PLANT HARDINESS ZONES 4A AND 4B





PRESQUE ISLE INTERNATIONAL AIRPORT

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
PLANTING PLAN - NORTH

CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
L311

PLANTING KEY

KEY/SYMBOL	DESCRIPTION
	EXISTING TREES SEE CIVIL PLANS FOR TREE PROTECTION FENCING

PROPOSED EVERGREEN TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
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LL	4	3-3.5" CAL	*LARIX LARCINA*	LARCH

PROPOSED ORNAMENTAL TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
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PROPOSED SHRUB

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				LAWN MIX	LAWN MIX
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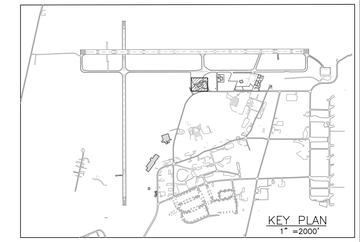
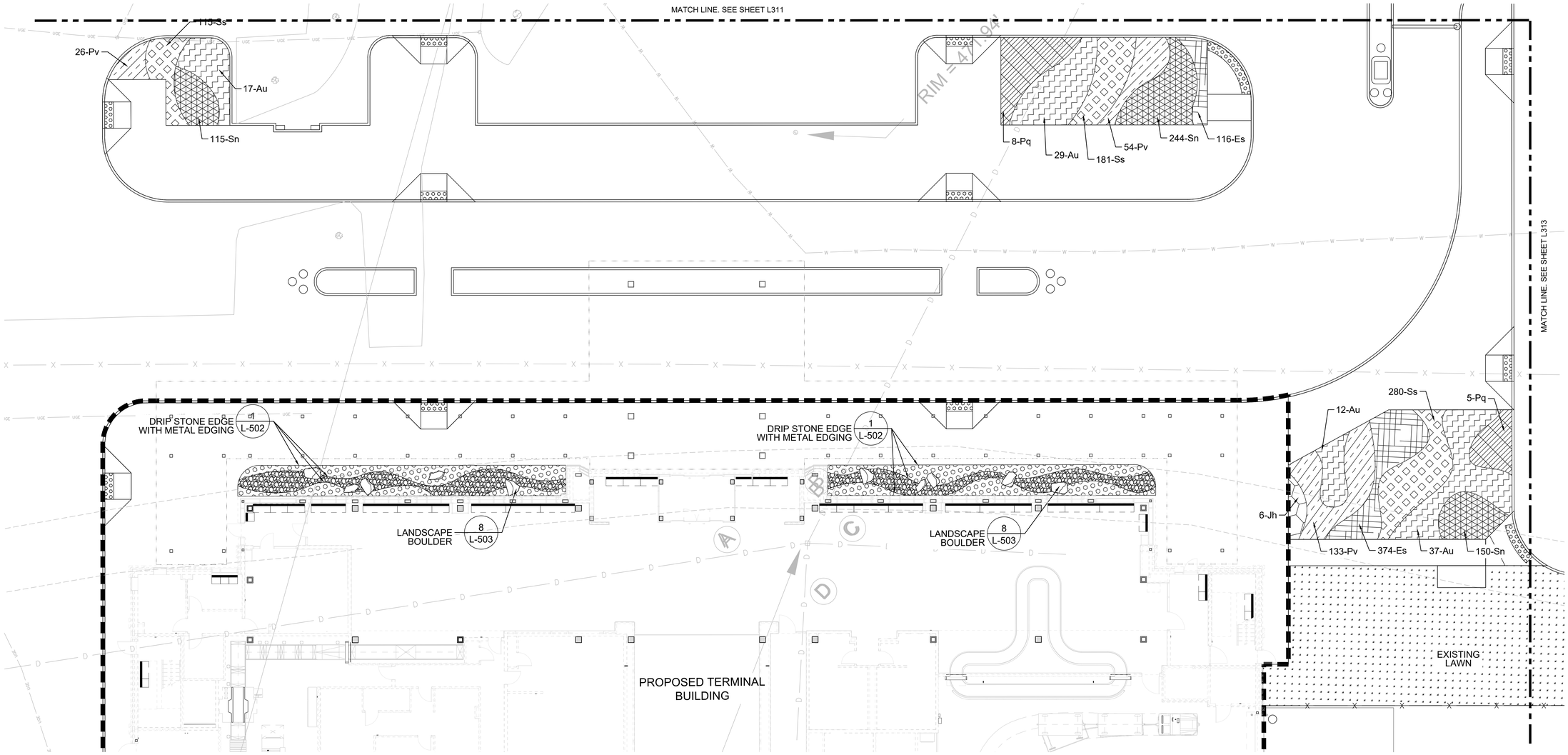
OTHER LANDSCAPE FEATURES

- RIVER ROCK - WHITE - TYPE A
- RIVER ROCK - GREY - TYPE B
- LANDSCAPE BOULDERS

NOTES:

PLANTS SELECTED FOR PLANT HARDINESS ZONES 4A AND 4B





PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
PLANTING PLAN - SOUTH

CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
L312

PLANTING KEY

KEY/SYMBOL	DESCRIPTION
	EXISTING TREES SEE CIVIL PLANS FOR TREE PROTECTION FENCING

PROPOSED EVERGREEN TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AB	4	14-16'	*ABIES BALSAMEA*	BALSAM FIR
PG	10	12-14' B&B	*PICEA GLAUCA*	WHITE SPRUCE
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SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
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PROPOSED ORNAMENTAL TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
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SYMBOL	QTY	SIZE	SPACING	BOTANICAL NAME	COMMON NAME
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				LAWN MIX	LAWN MIX
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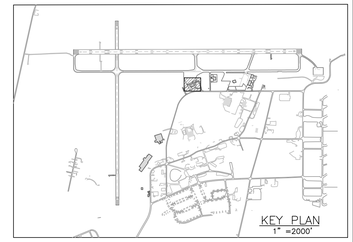
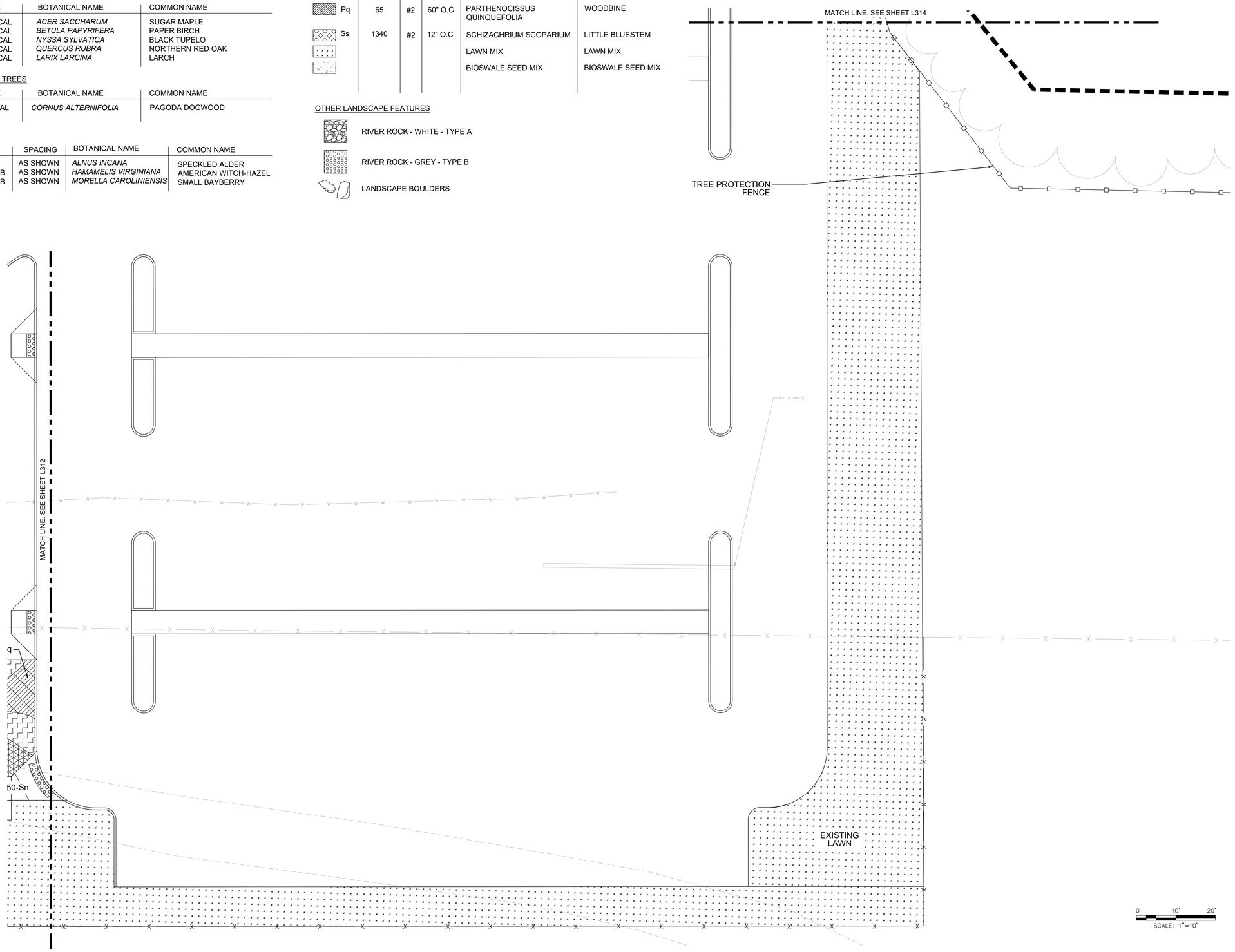
OTHER LANDSCAPE FEATURES

- RIVER ROCK - WHITE - TYPE A
- RIVER ROCK - GREY - TYPE B
- LANDSCAPE BOULDERS

NOTES:

PLANTS SELECTED FOR PLANT HARDINESS ZONES 4A AND 4B





PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
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CONSULTANT:
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Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
PLANTING PLAN - SOUTH

CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED

DATE: 6/5/2024

SHEET NUMBER:
L313

PLANTING KEY

KEY/SYMBOL — DESCRIPTION

EXISTING TREES
SEE CIVIL PLANS FOR TREE PROTECTION FENCING

PROPOSED EVERGREEN TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AB	4	14-16'	*ABIES BALSAMEA*	BALSAM FIR
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SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AS	4	3-3.5" CAL	*ACER SACCHARUM*	SUGAR MAPLE
BP	15	3-3.5" CAL	*BETULA PAPYRIFERA*	PAPER BIRCH
NS	3	3-3.5" CAL	*NYSSA SYLVATICA*	BLACK TUPELO
QR	4	3-3.5" CAL	*QUERCUS RUBRA*	NORTHERN RED OAK
LL	4	3-3.5" CAL	*LARIX LARCINA*	LARCH

PROPOSED ORNAMENTAL TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
CA	11	3-3.5" CAL	*CORNUS ALTERNIFOLIA*	PAGODA DOGWOOD

PROPOSED SHRUB

SYMBOL	QTY	SIZE	SPACING	BOTANICAL NAME	COMMON NAME
AI	6	#3	AS SHOWN	*ALNUS INCANA*	SPECKLED ALDER
HV	6	5-6' B&B	AS SHOWN	*HAMAMELIS VIRGINIANA*	AMERICAN WITCH-HAZEL
MC	12	5-6' B&B	AS SHOWN	*MORELLA CAROLINIENSIS*	SMALL BAYBERRY

PROPOSED GROUNDCOVERS, VINES, PERENNIALS, GRASSES AND FERNS

SYMBOL	QTY	SIZE	SPACING	BOTANICAL NAME	COMMON NAME
Au	245	#1	36" O.C	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY
Jh	117	#3	36" O.C	JUNIPERUS HORIZONTALIS	CREEPING JUNIPER
Sn	1800	#3	12" O.C	SYMPHYOTRICHUM NOVAE-ANGLIAE	NEW ENGLAND ASTER
Es	1699	#1	10" O.C	ERAGROSTIS SPECTABILIS	PURPLE LOVEGRASS
Pv	908	#3	18" O.C	PANICUM VIRGATUM	SWITCH PANICGRASS
Pq	65	#2	60" O.C	PARTHENOCISSUS QUINQUEFOLIA	WOODBINE
Ss	1340	#2	12" O.C	SCHIZACHRIUM SCOPARIUM	LITTLE BLUESTEM
				LAWN MIX	LAWN MIX
				BIOSWALE SEED MIX	BIOSWALE SEED MIX

OTHER LANDSCAPE FEATURES

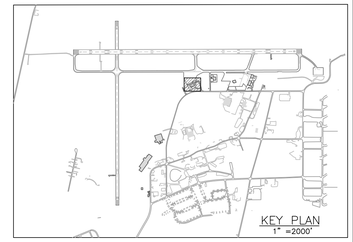
RIVER ROCK - WHITE - TYPE A

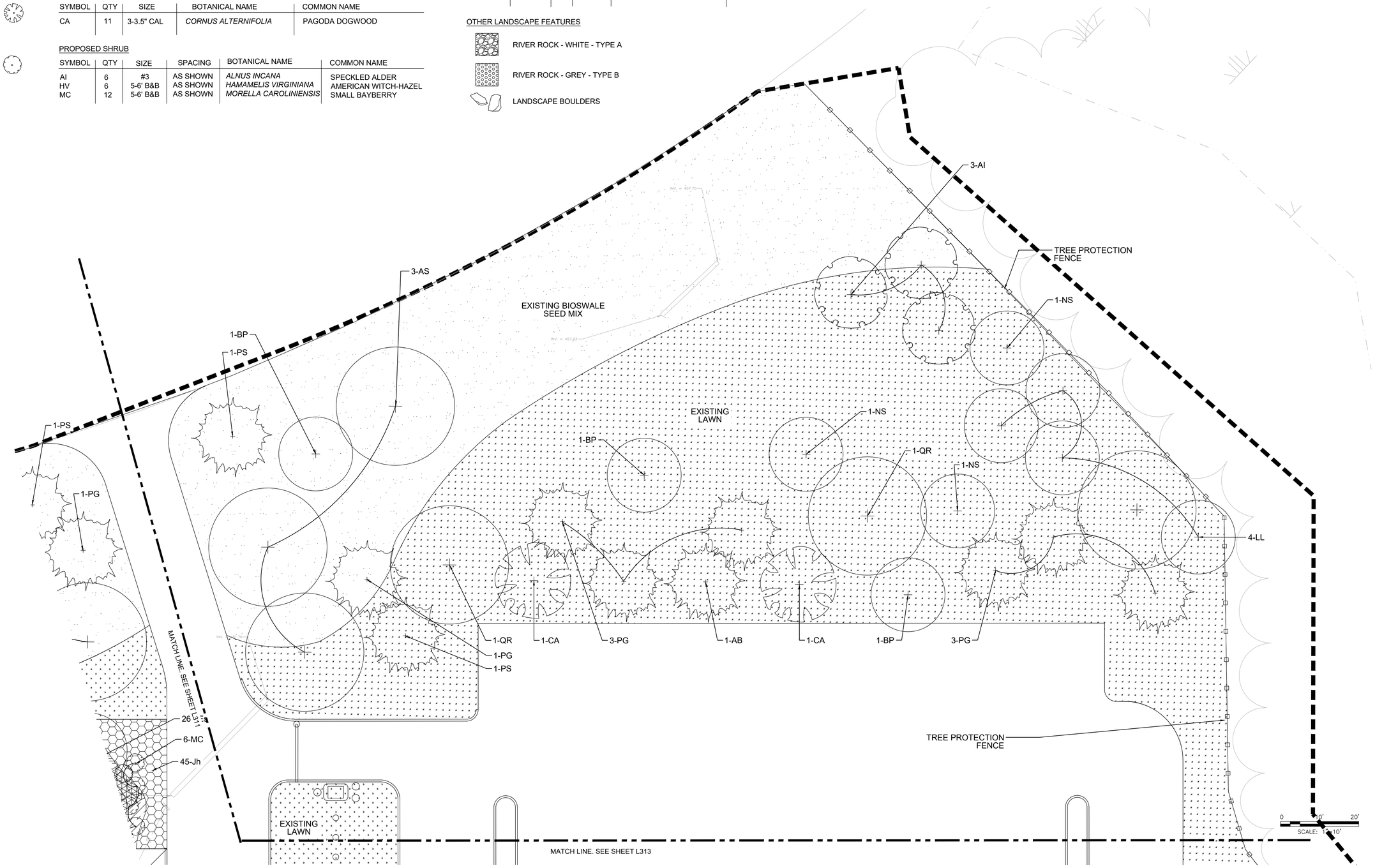
RIVER ROCK - GREY - TYPE B

LANDSCAPE BOULDERS

NOTES:

PLANTS SELECTED FOR PLANT HARDINESS ZONES 4A AND 4B





PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT — LORAYNE BLACK — No. 4502 — STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
PLANTING PLAN - SOUTH

CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
L314

PLANTING KEY

KEY/SYMBOL	DESCRIPTION
	EXISTING TREES SEE CIVIL PLANS FOR TREE PROTECTION FENCING

PROPOSED EVERGREEN TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AB	4	14-16'	*ABIES BALSAMEA*	BALSAM FIR
PG	10	12-14' B&B	*PICEA GLAUCA*	WHITE SPRUCE
PS	7	12-14' B&B	*PINUS STROBUS*	WHITE PINE

PROPOSED DECIDUOUS TREES

SYMBOL	QTY	SIZE	BOTANICAL NAME	COMMON NAME
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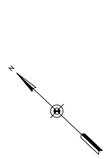
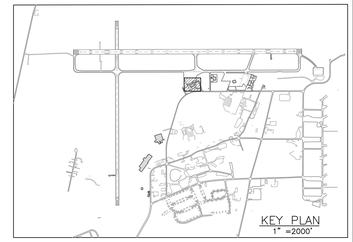
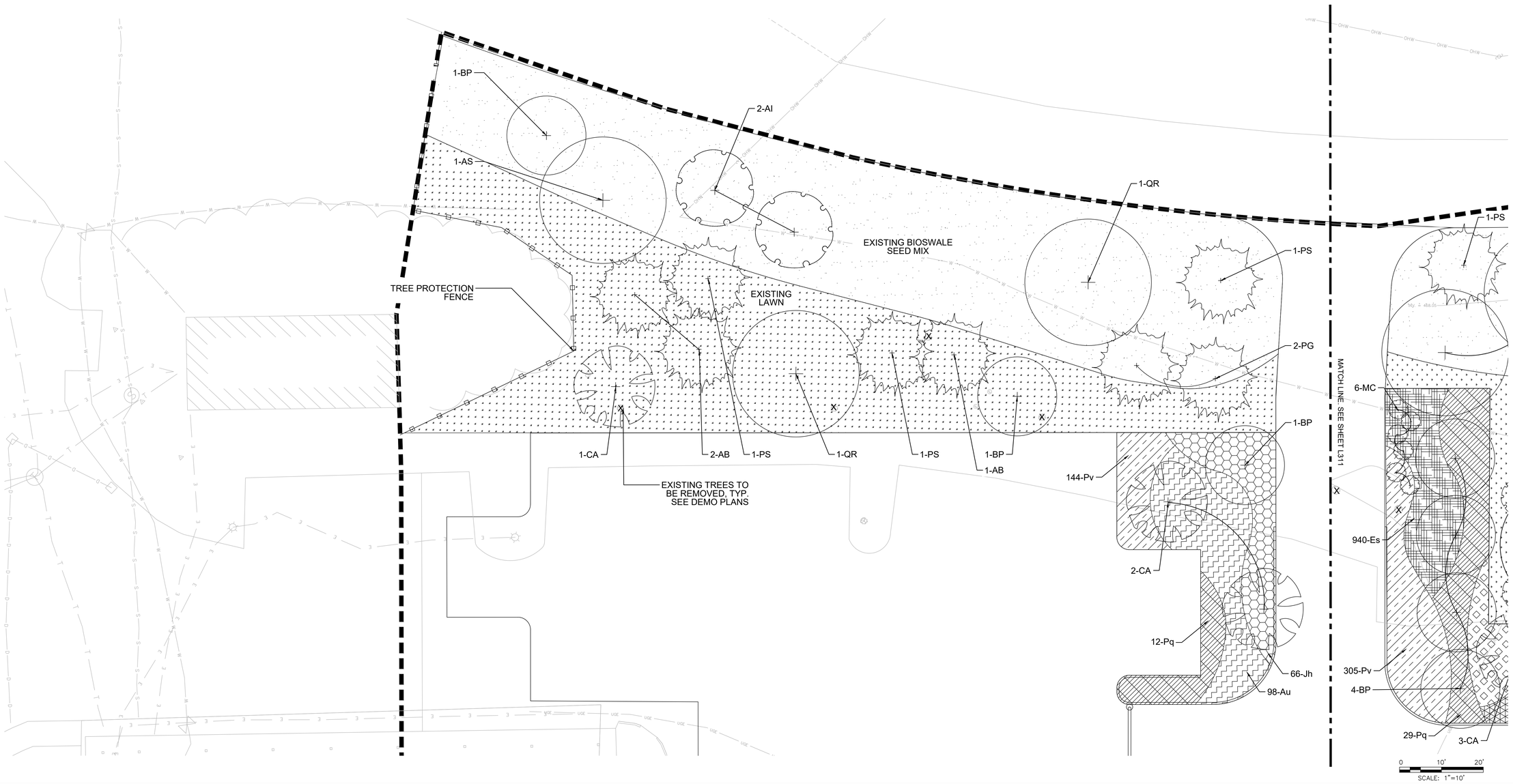
- RIVER ROCK - WHITE - TYPE A
- RIVER ROCK - GREY - TYPE B
- LANDSCAPE BOULDERS





NOTES:

PLANTS SELECTED FOR PLANT HARDINESS ZONES 4A AND 4B



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

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	2/9/24	90% DESIGN SUBMISSION	VC/LD
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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
PLANTING PLAN - SOUTH

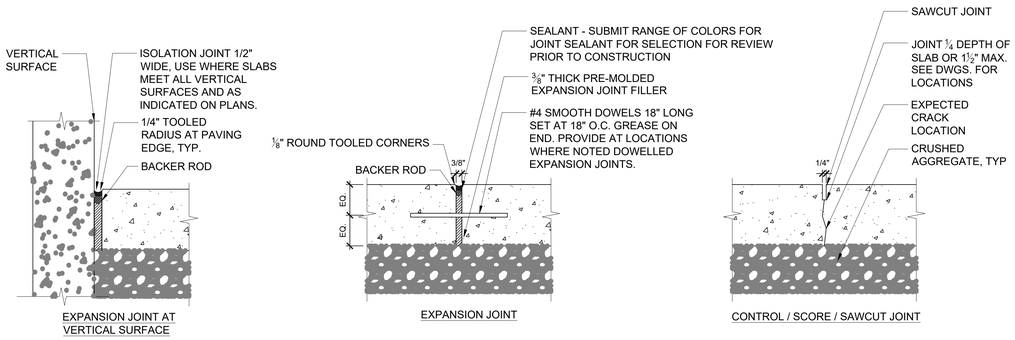
CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

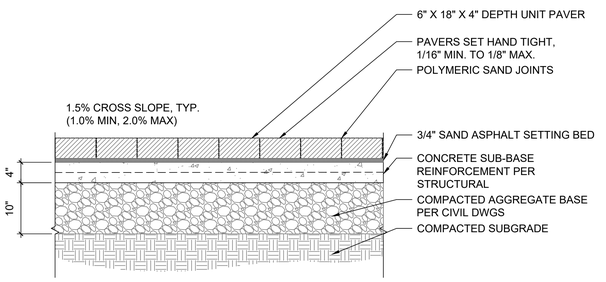
SHEET NUMBER:
L315



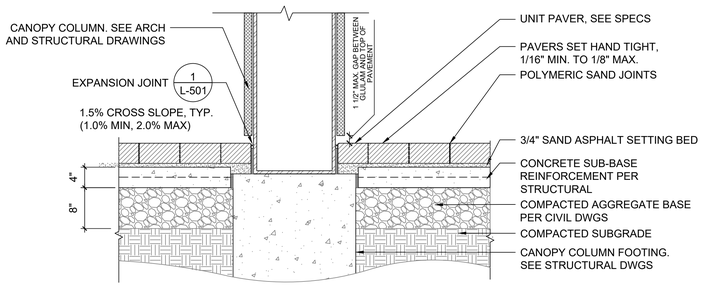
NOTES:

1. INSTALL EXPANSION JOINTS AT +/- 25'-0" O.C OR AS SHOWN ON DRAWINGS
2. REFER TO PLANS FOR JOINTING / SCORING LAYOUT. REFER TO SPECS FOR ADDITIONAL REQUIREMENTS.
3. SUPPLY EXPANSION JOINT AND SEALANT WHERE WALKWAYS ABUT CURBS, WALLS, BUILDING FACES, AND ALL VERTICAL STRUCTURE INTERFACES.
4. ADJACENT CONDITIONS VARY, SEE PLANS.
5. WHERE LANDSCAPE (PLANTING) OCCURS ADJACENT TO EDGE OF PAVING, HOLD SOIL FINISH GRADE 1" BELOW THE PAVING FINISH GRADE.

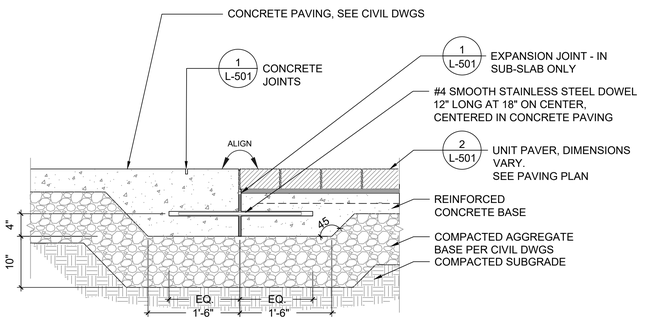
1 | TYPICAL CONCRETE JOINT
L-501 — 3" = 1'-0"



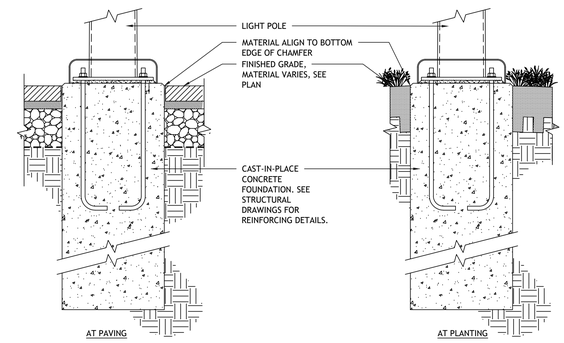
2 | UNIT PAVER - PEDESTRIAN
L-501 — 1" = 1'-0"



3 | UNIT PAVER AT CANOPY COLUMN
L-501 — 1" = 1'-0"



4 | UNIT PAVER TO CAST-IN-PLACE CONCRETE TRANSITION
L-501 — 1" = 1'-0"

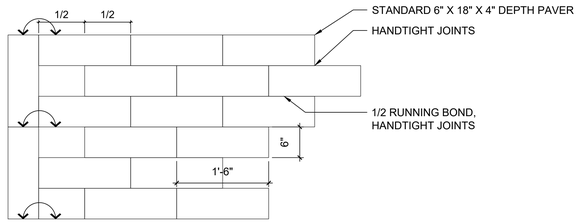


NOTE:
TOP OF CAST-IN-PLACE CONCRETE FOUNDATION SHALL SIT FLUSH WITH FINISH GRADE AT PLANTING.

5 | LIGHT POLE FINISH SURFACE CONDITION
L-501 — 1" = 1'-0"

NOTES:

1. LAYOUTS ARE PROVIDED FOR DESIGN INTENT ONLY. NO CUT PIECES SMALLER THAN 3" OR SLIVER CUTS SHALL BE USED.
2. LAYOUT PAVING SYSTEM TO UTILIZE PAVERS IN FULL SIZE AS MUCH AS POSSIBLE TO MAINTAIN PAVING PATTERN INTEGRITY. ADJUST PAVERS AS REQUIRED TO CONTROL PATTERNING AND REDUCE CUTTING PAVERS. CUT PAVERS AS REQUIRED TO MAINTAIN MAXIMUM JOINT SPACING ALLOWABLE.
3. REFER TO LAYOUT AND MATERIALS PLAN FOR PAVING PATTERN.



6 | UNIT PAVER PATTERN LAYOUT
L-501 — 1/2" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT
LORAYNE BLACK
No. 4502
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LANDSCAPE DETAILS - SITE DETAILS

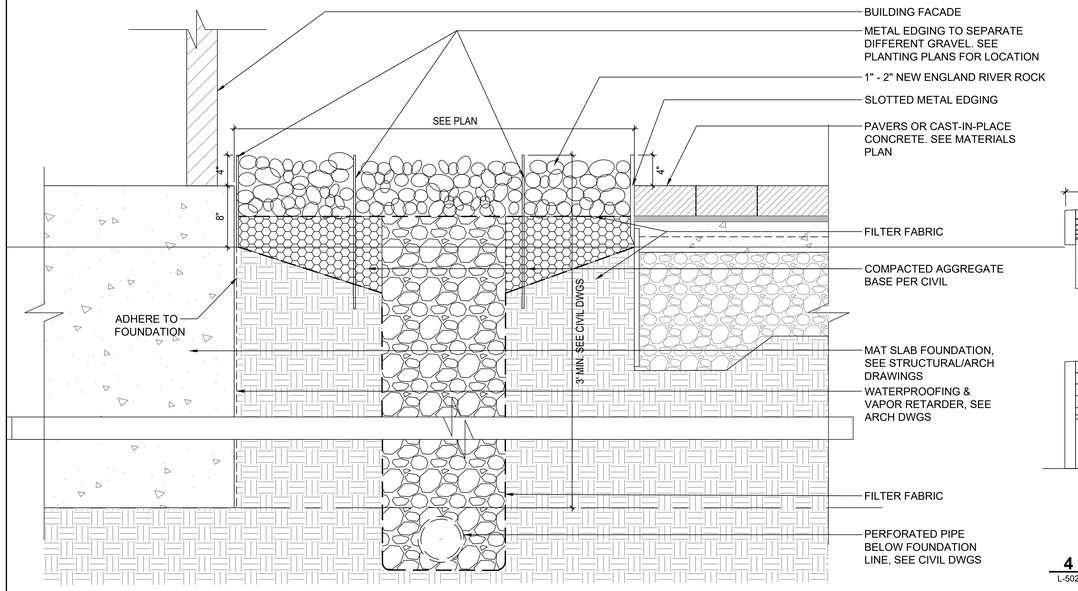
CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

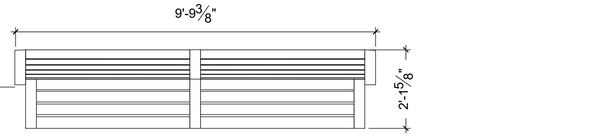
SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
L-501



1 | DRIP STONE EDGE WITH METAL EDGING

L-502 | 1-1/2" = 1'-0"



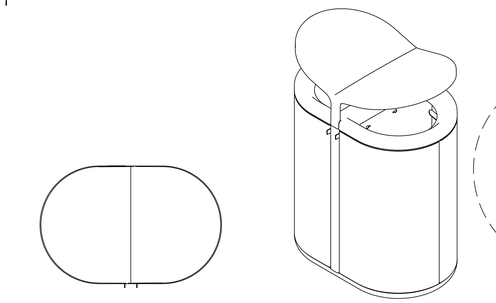
BENCH WITH BACK - PLAN VIEW

BENCH WITH BACK - FRONT ELEVATION
EP 1690-10

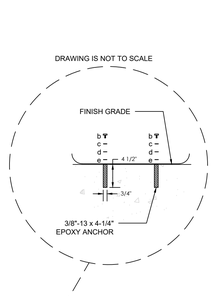
SIDE ELEVATION

4 | BENCH - EQUIPARC INTERNATIONALE 10-FEET BENCH WITH BACKREST

L-502 | NTS



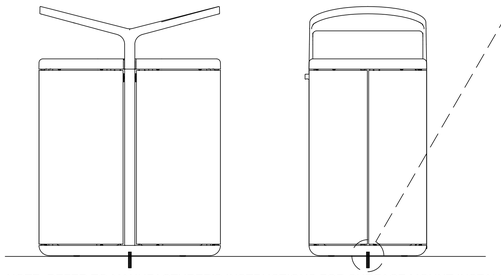
DRAWING IS NOT TO SCALE



Slide 3/8" stainless steel lock washer (c), 3/8" stainless steel flat washer (d), and 3/8" nylon flat washer (e) onto each 3/8"-13 x 3" tamper-resistant button head cap bolt (b)

Insert bolts into mounting holes in the receptacle's base casting and thread into anchors using 7/32" hex bit for tamperresistant bolts.

Tighten bolts until snug.



NOTE: REFER TO MANUFACTURER'S INSTRUCTIONS FOR SURFACE MOUNT INSTALLATION DETAILS

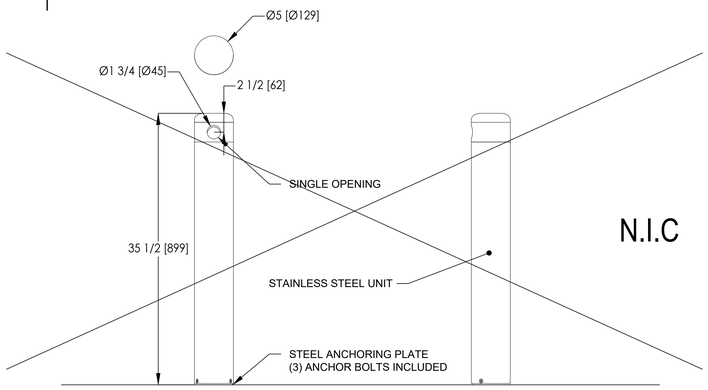
2 | FORMS AND SURFACES - TONYO LITTER AND RECYCLING RECEPTACLE (SLTNO-230S)

L-502 | NTS

N.I.C

5 | DOG WASTE BAG DISPENSER AND DISPOSAL BIN

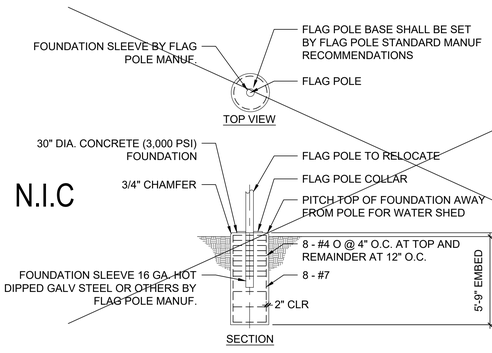
L-502 | 1" = 1'-0"



N.I.C

3 | LANDSCAPE FORMS - HUMO SMOKING URN

L-502 | NTS



N.I.C

6 | FLAG POLES RELOCATION

L-502 | NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

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LORAYNE BLACK
No. 4502
STATE OF MAINE

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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LANDSCAPE DETAILS - FURNISHINGS
CONTRACT DOCUMENTS

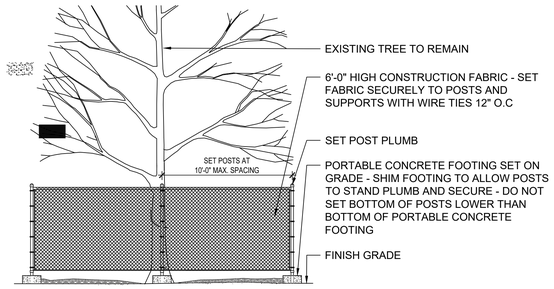
DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

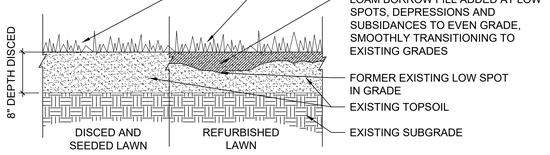
SHEET NUMBER:
L-502

NOTES:
1. FENCE TO BE LOCATED AT DRIP LINE.
2. CRITICAL ROOT ZONE TO BE THE LARGEST OF:
   A. THE EXISTING TREE'S CANOPY DRIP LINE PRIOR TO WORK; OR
   B. AS CALCULATED BY TAKING THE CALIPER AT DIAMETER BREAST HEIGHT (DBH) AND CONVERTING INCHES TO FEET (EXAMPLE: 32" CALIPER DBH = 32' DIAMETER CRZ); OR
   C. AS ESTABLISHED BY AN ISA CERTIFIED ARBORIST OR URBAN FORESTER OF THE JURISDICTION.
3. STAKE TREE PROTECTION FENCING PRIOR TO COMMENCEMENT OF CONSTRUCTION. OBTAIN APPROVAL OF FENCING LOCATION(S) FROM OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
4. PROVIDE TREE PROTECTION WHERE INDICATED ON LANDSCAPE AND/OR CIVIL DRAWINGS.
5. TO PREVENT ENTRY, TREE PROTECTION FENCE MUST CLOSE ON ITSELF OR ABUT EXISTING PHYSICAL FEATURE THAT WILL REMAIN DURING CONSTRUCTION.
6. NO STORAGE OF ANY KIND IS PERMITTED WITHIN A TREE PROTECTION AREA.
7. MAINTAIN TREE PROTECTION FENCING THROUGHOUT CONSTRUCTION.

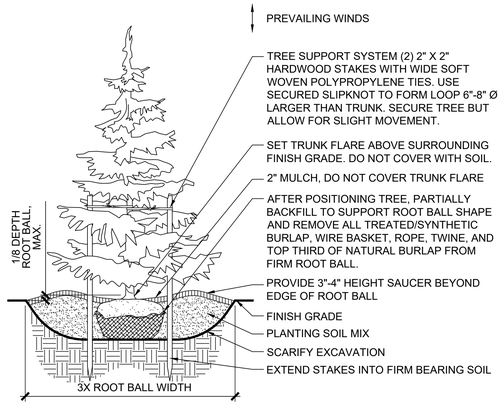


1 | TREE PROTECTION FENCING
L-503 — 1/4" = 1'-0"

NOTE: DO NOT ADD LOAM OR ALTER GRADES WITHIN DRIP LINE OF EXISTING TREES

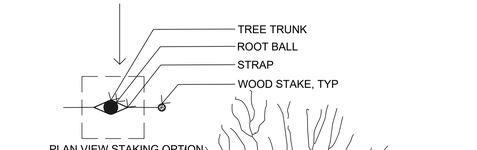


2 | SODDED/SEEDED LAWN
L-503 — 1" = 1'-0"

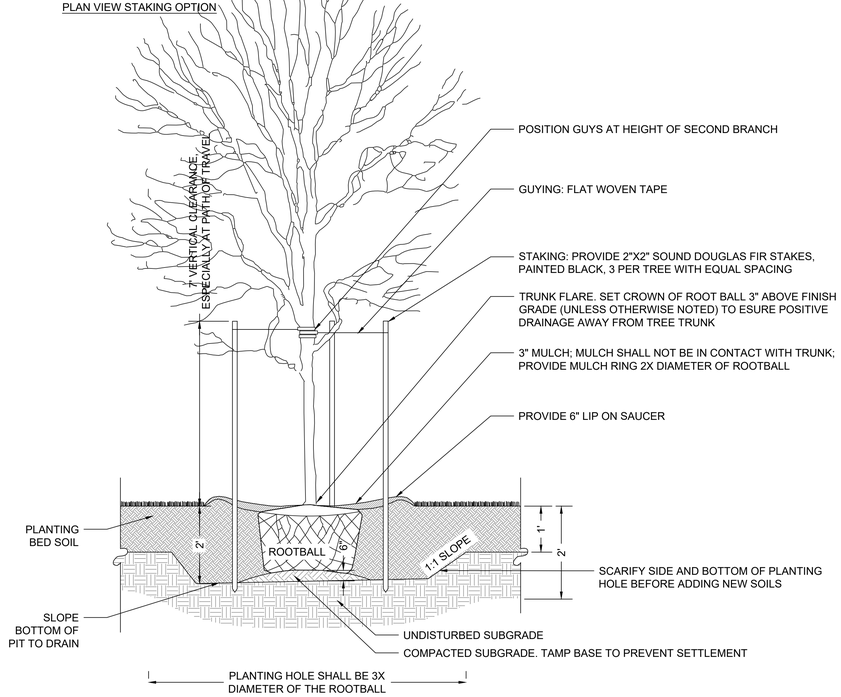


3 | EVERGREEN TREE PLANTING
L-503 — 1/2" = 1'-0"

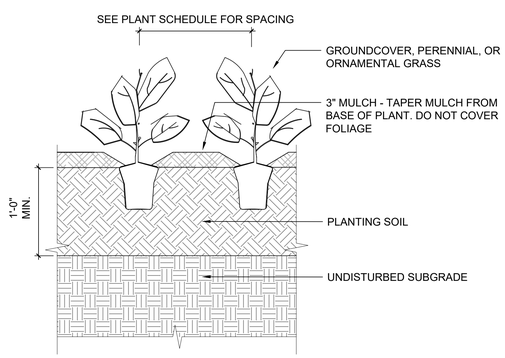
STAKES (2) PER TREE. AGAINST ROOTBALL EDGE. STAKE TREE PERPENDICULAR TO DIRECTION OF PREVAILING WINDS



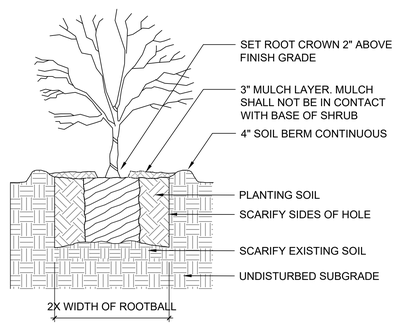
PLAN VIEW STAKING OPTION



7 | DECIDUOUS TREE PLANTING
L-503 — 3/4" = 1'-0"



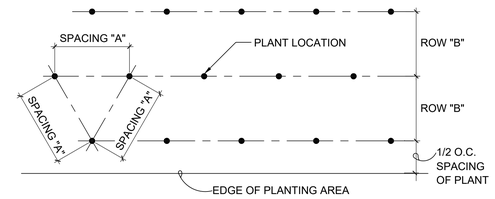
GROUNDCOVER, PERENNIAL, AND ORNAMENTAL GRASS



SHRUBS

5 | SHRUBS AND GROUNDCOVER AND GRASSES PLANTING
L-503 — 1" = 1'-0"

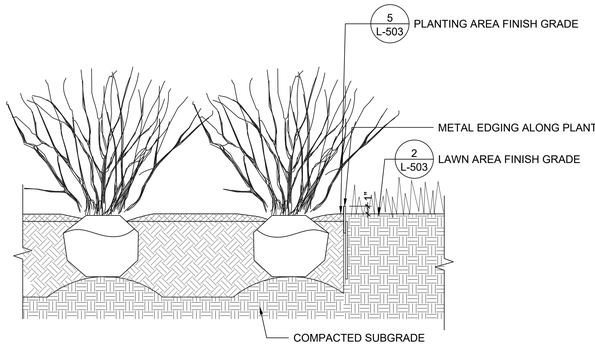
NOTES:
1. REFER TO PLANTING PLAN AND SCHEDULE FOR PLANT O.C SPACING.
2. PLANT TO BE ARRANGED IN EQUILATERAL TRIANGULAR SPACING, UNLESS OTHERWISE NOTED.
3. ROWS TO BE PARALLEL TO ADJACENT CURB OR STREET.
4. IN SOME AREAS, PLANTS MAY NEED TO BE LOCATED CLOSER TOGETHER TO FILL NARROW SECTIONS IN PLANTER BEDS.



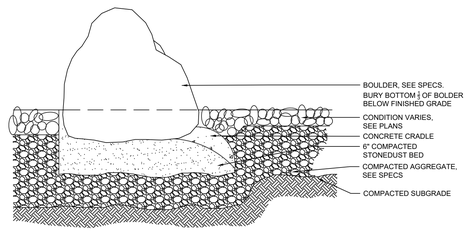
SPACING "A"	ROW SPACING "B"
4" O.C.	3 1/2" O.C.
6" O.C.	5 1/4" O.C.
8" O.C.	6 7/8" O.C.
10" O.C.	8 5/8" O.C.
12" O.C.	10 3/8" O.C.

SPACING "A"	ROW SPACING "B"
15" O.C.	13" O.C.
18" O.C.	15 5/8" O.C.
24" O.C.	20 3/4" O.C.
30" O.C.	26" O.C.
36" O.C.	30" O.C.

6 | PLANT SPACING
L-503 — NTS



7 | METAL EDGING
L-503



8 | LANDSCAPE BOULDER
L-503 — 1" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED LANDSCAPE ARCHITECT — LORAYNE BLACK — No. 4502 — STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
	12/2/23	60% DESIGN SUBMISSION	VC/LD
	2/9/24	90% DESIGN SUBMISSION	VC/LD
	6/4/24	100% BID DOCUMENTS	VC/LD

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:
HOYLE TANNER
150 Dow Street
Manchester, NH 03101-1227
(603) 669-5555
www.hoyletanner.com

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LANDSCAPE DETAILS - PLANTING

CONTRACT DOCUMENTS

DISCIPLINE:
LANDSCAPE ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
LD/VC	VC	LD/LB	LD/LB

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
L-503

SHEET INDEX - STRUCTURAL

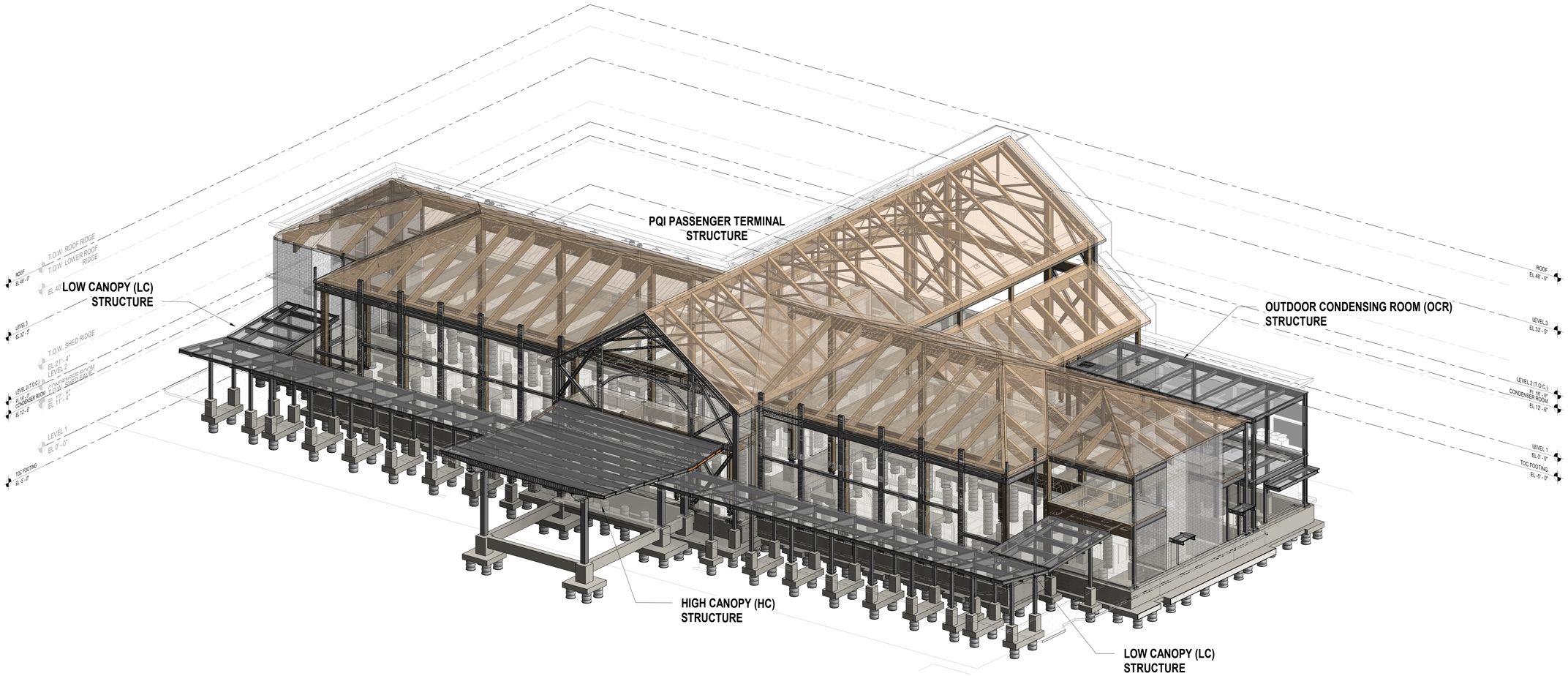
SHEET NUMBER	SHEET NAME
S0.000	STRUCTURAL COVER PAGE & SHEET INDEX
S0.001	GENERAL STRUCTURAL NOTES
S0.002	GENERAL STRUCTURAL NOTES, DESIGN LOADS & ABBREVIATIONS
S0.003	GENERAL STRUCTURAL NOTES, DESIGN LOADS & ABBREVIATIONS
S0.050	STRUCTURAL DESIGN LOAD DIAGRAMS - DEAD, LIVE, SNOW
S0.051	STRUCTURAL DESIGN LOAD DIAGRAMS - SNOW LOAD
S1.100	FOUNDATION PLAN
S1.101	LEVEL 1 FRAMING PLAN
S1.201	LEVEL 2 FRAMING PLAN
S1.301	ROOF EAVE / INTERSTITIAL FRAMING PLAN
S1.401	ROOF FRAMING PLAN

SHEET INDEX - STRUCTURAL

SHEET NUMBER	SHEET NAME
S1.501	BLDG CANOPY - PART 1 FRAMING PLAN AND SECTIONS
S1.502	BLDG CANOPY - PART 2 FRAMING PLAN AND SECTIONS
S1.601	HIGH CANOPY (HC) FRAMING PLANS
S1.701	LOW CANOPY (LC) FRAMING PLANS
S2.101	FRAMING ELEVATIONS
S2.102	FRAMING ELEVATIONS
S2.103	FRAMING ELEVATIONS
S2.104	FRAMING ELEVATIONS
S2.105	FRAMING ELEVATIONS
S2.106	FRAMING ELEVATIONS
S2.107	FRAMING ELEVATIONS
S2.108	FRAMING ELEVATIONS

SHEET INDEX - STRUCTURAL

SHEET NUMBER	SHEET NAME
S2.109	FRAMING ELEVATIONS - OUTDOOR CONDENSER ROOM (OCR)
S3.101	BLDG STRUCTURAL FRMG SECTIONS
S3.102	BLDG STRUCTURAL FRMG SECTIONS
S3.103	BLDG STRUCTURAL FRMG SECTIONS
S3.104	BLDG STRUCTURAL FRMG SECTIONS
S3.105	BLDG STRUCTURAL FRMG SECTIONS
S3.106	BLDG STRUCTURAL FRMG SECTIONS
S3.107	HIGH / LOW CANOPY (HC/LC) FRMG SECTIONS
S3.110	BLDG ROOF TRUSSES - SECTIONS AND DET. 1
S3.111	BLDG ROOF TRUSSES - SECTIONS AND DET. 2
S4.104	LRFS - STEEL MOMENT / BRACE FRAMES 1
S4.105	LRFS - STEEL MOMENT / BRACE FRAMES 2
S5.510	CONCRETE FOOTING DETAILS
S5.512	CONCRETE WALL DETAILS
S5.513	FOUND WALL REINFORCEMENT DETAILS
S5.514	ELEVATOR PIT REINFORCEMENT DETAILS
S5.516	CONCRETE STR. SLAB-ON-GROUND DETAILS
S5.520	STRUCTURAL STEEL DETAILS
S5.530	STEEL DECK DETAILS
S5.540	COMPOSITE STEEL DECK-SLAB DETAILS
S5.550	CONCRETE UNIT MASONRY DETAILS
S5.551	CONCRETE UNIT MASONRY DETAILS
S5.560	MASS TIMBER DETAILS
S5.561	MASS TIMBER DETAILS
S6.101	COLUMN SCHEDULE 1 (BLDG)
S6.102	COLUMN SCHEDULE 2 (CANOPY)
S6.103	COLUMN SCHEDULE 3 (BASE PLATE DETAILS)
S9.101	STRUCTURAL AXONOMETRIC VIEWS



PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18479
6/4/24
LICENSED PROFESSIONAL ENGINEER

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
STRUCTURAL COVER PAGE & SHEET INDEX

BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S0.000

GENERAL REQUIREMENTS

1. THE PROJECT SPECIFICATIONS ARE A PART OF THE CONTRACT DOCUMENTS.

2. THE CONTRACTOR MUST EXAMINE THE STRUCTURAL DRAWINGS AND MUST NOTIFY THE ARCHITECT AND ENGINEER OF RECORD OF ANY DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.

3. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR MUST PROVIDE ALL MEASURES AND MEANS NECESSARY TO PROTECT PERSONS AND STRUCTURES DURING CONSTRUCTION. SUCH MEASURES MUST INCLUDE, BUT NOT BE LIMITED TO BRACING, SHORING, ETC. OBSERVATIONS BY THE ARCHITECT AND/OR STRUCTURAL ENGINEER OF RECORD DOES NOT INCLUDE THE REVIEW OF THESE MEASURES.

4. NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND SPECIFICATIONS. TYPICAL DETAILS MUST BE USED WHENEVER APPLICABLE, EXCEPT WHERE NOTED OTHERWISE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

5. ALL WORK NOT DETAILED OR NOTED MUST BE CONSTRUCTED IN ACCORDANCE WITH OTHER SIMILAR WORK SHOWN ON THE DRAWINGS AND TYPICAL DETAILS. DIMENSIONS MUST TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. DRAWINGS MUST NOT BE SCALED FOR CONSTRUCTION PURPOSES.

6. CONTRACTOR IS SOLELY RESPONSIBLE FOR:
   A. IMPLEMENTING JOBSITE SAFETY.

   B. METHODS, PROCEDURES, AND SEQUENCES OF DEMOLITION AND CONSTRUCTION. DEMOLITION SEQUENCE MUST BE PREPARED BY THE CONTRACTOR'S ENGINEER, REGISTERED IN THE STATE OF MAINE.

   C. THE STABILITY AND INTEGRITY OF ALL STRUCTURES, INCLUDING EXISTING STRUCTURES, SIDEWALKS, ROADWAYS, UTILITIES, ETC., DURING DEMOLITION AND CONSTRUCTION. ALL TEMPORARY BRACING, SHEETING, SHORING, ETC. REQUIRED TO COMPLETE DEMOLITION AND CONSTRUCTION MUST BE DESIGNED BY THE CONTRACTOR'S ENGINEER, REGISTERED IN THE STATE OF MAINE, AND SUBMITTED FOR ACCEPTANCE TO THE SATISFACTION OF THE OWNER, ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD, PRIOR TO COMMENCING WORK.

   D. VERIFICATION OF ALL EXISTING CONDITIONS AND UTILITIES, INCLUDING ALL ELEVATIONS AND DIMENSIONS BY ACTUAL MEASUREMENT AND OBSERVATION AT THE SITE AT THE START OF WORK AND PRIOR TO FABRICATION/ORDERING OF MATERIALS. ALL DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE SHOWN IN THE CONTRACT DOCUMENTS MUST BE REPORTED TO THE OWNER, ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD FOR EVALUATION BEFORE AFFECTED CONSTRUCTION IS FABRICATED/CONSTRUCTED.

   E. PROTECTION OF ALL ADJACENT AND NEARBY STRUCTURES AND UTILITIES FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION. ANY AND ALL DAMAGE MUST BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE. ALL METHODS OF PROTECTION AND REPAIR WORK MUST BE DESIGNED BY THE CONTRACTOR'S ENGINEER, REGISTERED IN THE STATE OF MAINE, AND SUBMITTED FOR ACCEPTANCE TO THE SATISFACTION OF THE OWNER, ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD, PRIOR TO COMMENCING WORK.

   F. NOTIFYING ALL AFFECTED UTILITY COMPANIES IN WRITING OF THE PROPOSED WORK AND MAINTAINING CONTINUOUS SERVICE FOR UTILITIES DURING CONSTRUCTION AS REQUIRED.

   G. ENSURING THAT ADEQUATE AND SAFE ACCESS IS PROVIDED TO LOCAL VEHICULAR AND PEDESTRIAN TRAFFIC DURING CONSTRUCTION.

   H. COMPLYING WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL MUNICIPAL REGULATIONS.

7. CONSTRUCTION MATERIALS MUST BE SPREAD OUT IF PLACED ON STRUCTURAL FRAME SUCH THAT THE LOADING DOES NOT EXCEED THE DESIGN LIVE LOADS. THE CONTRACTOR MUST PROVIDE SHORING AND BRACING WHERE DESIGN STRENGTH HAS NOT BEEN ATTAINED AND/OR STRUCTURE IS NOT COMPLETE. CONTRACTOR MUST VERIFY THAT CONSTRUCTION LOADS DO NOT EXCEED THE CAPACITY OF THE STRUCTURE AT THE TIME THE LOADS ARE APPLIED.

8. CONTRACTOR MUST INVESTIGATE THE SITE DURING CLEARING AND EXCAVATION FOR UNSUITABLE CONDITIONS. UNCONSOLIDATED AND UNDOCUMENTED FILLS, BURIED STRUCTURES, UTILITIES, ETC. CONTRACTOR MUST IMMEDIATELY NOTIFY THE ARCHITECT AND ENGINEER OF RECORD OF ANY SITE CONDITIONS NOT REFLECTED ON THE DRAWINGS, OR DIFFERENCES FROM MAXIMUM OR MINIMUM DIMENSIONS INDICATED, INCLUDING CONFLICT IN GRADES, ADVERSE SOIL CONDITIONS, GROUND WATER PRESENT, DEEPENED FOOTINGS, UNCOVERED AND UNEXPECTED UTILITY LINES, ETC.

9. THE CONTRACTOR MUST DETERMINE THE LOCATION OF ALL UTILITY SERVICES IN AREAS TO BE EXCAVATED BEFORE BEGINNING EXCAVATION. EXERCISE CAUTION IN EXCAVATING AND TRENCHING. ANY UTILITY INFORMATION SHOWN ON THESE DRAWINGS IS APPROXIMATE AND NOT NECESSARILY COMPLETE, AND IS PROVIDED FOR GRAPHICAL REFERENCE ONLY.

10. STRUCTURAL DRAWINGS TO BE USED IN CONJUNCTION WITH THE CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, AND OTHER CONTRACT DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE STRUCTURAL WORK WITH THE CONTRACT DRAWINGS OF THESE AND ANY OTHER APPLICABLE TRADES.

11. ELEVATIONS INDICATED ON THESE STRUCTURAL DRAWINGS ARE BASED ON A PROJECT DATUM INDICATED ON THE CIVIL AND ARCHITECTURAL DRAWINGS.

12. REFER TO CIVIL DRAWINGS FOR THE FOLLOWING:
   A. PROJECT DATUM.
   B. SITING OF BUILDING GRID LINES WITH RESPECT TO MUNICIPAL BENCHMARKS.
   C. FINISHED GROUND ELEVATIONS.
   D. SITE PREPARATION.
   E. BACKFILLING MATERIAL AND REQUIREMENTS; EXCEPT AS NOTED ON THESE DRAWINGS.
   F. SIZE AND LOCATION OF PAVING, CURBS, DRAINS, SLOPES, DEPRESSED AREAS, CHANGES IN LEVEL, RAMPS, CHAMFERS, GROOVES, INSERTS, AND OTHER SITE ELEMENTS, ETC. EXTERIOR TO THE BUILDING FOOTPRINT; EXCEPT AS NOTED ON THESE DRAWINGS.
   G. NEW AND EXISTING SITE UTILITIES.
   H. DIMENSIONS NOT SHOWN ON THESE DRAWINGS.

13. REFER TO ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:
   A. PROJECT DATUM WHEN NOT LOCATED ON CIVIL DRAWINGS.
   B. SIZE AND LOCATION OF DOOR AND WINDOW OPENINGS; EXCEPT AS NOTED ON THESE DRAWINGS.
   C. SIZE AND LOCATION OF INTERIOR AND EXTERIOR NON-BEARING PARTITIONS.
   D. SIZE AND LOCATION OF CURBS, FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGES IN LEVEL, TRENCHES, PITS, SUMPS, RAMPS, CHAMFERS, GROOVES, EMBEDMENTS, INSERTS, BLOCKOUTS, ETC. WITHIN THE BUILDING FOOTPRINT; EXCEPT AS NOTED ON THESE DRAWINGS.
   E. SIZE AND LOCATION OF FLOOR AND ROOF OPENINGS; EXCEPT AS NOTED ON THESE DRAWINGS.
   F. WALL, FLOOR, CEILING, ROOF, AND OTHER FINISHES.
   G. FINISH ELEVATIONS.
   H. WATERPROOFING AND DAMP-PROOFING DETAILS; EXCEPT AS NOTED ON THESE DRAWINGS.
   I. STAIR FRAMING AND DETAILS; EXCEPT AS NOTED ON THESE DRAWINGS.
   J. DIMENSIONS NOT SHOWN ON THESE DRAWINGS.

14. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:
   A. PIPE AND DUCT RUNS. SLEEVES, HANGERS, EQUIPMENT, AND WALL AND SLAB OPENINGS; EXCEPT AS NOTED ON THESE DRAWINGS.
   B. ELECTRICAL CONDUIT, BOXES, OUTLETS.
   C. CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL, AND PLUMBING FIXTURES.
   D. SIZE AND LOCATION OF MACHINE AND EQUIPMENT BASES. CONTRACTOR'S ENGINEER MUST DESIGN SEISMIC ANCHORAGE FOR MECHANICAL AND ELECTRICAL EQUIPMENT PER SPECIFICATIONS.
   E. PROTECTION FROM STRAY CURRENT AND GROUNDING DETAILS.

15. NO PIPES, CONDUITS, OR DUCTS ARE TO BE PLACED IN OR PENETRATE THROUGH STRUCTURAL MEMBERS UNLESS SPECIFICALLY DESIGNED AND DETAILED ON THESE STRUCTURAL DRAWINGS.

16. ALL DIMENSIONS ARE TO STRUCTURAL ELEMENTS AND DO NOT INCLUDE ARCHITECTURAL TREATMENTS SUCH AS PLASTER FINISH OR SPRAY-ON FIRE PROOFING. CONCRETE AND MASONRY OPENINGS THAT ARE INDICATED ON THE FACILITY DRAWINGS MAY VARY WITH THE EQUIPMENT PROVIDED. THE CONTRACTOR MUST COORDINATE OPENING REQUIREMENTS WITH ALL TRADES.

17. THE CONTRACTOR MUST VERIFY THE LOCATION AND DIMENSIONS OF CHASES, OPENINGS, EMBEDS, INSERTS, SLOTS, SLEEVES, REGLETS, CURBS, PADS, ANCHOR BOLTS, FLOOR PITCHES, DEPRESSIONS, ANGLE FRAMES, UTILITIES, AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THESE STRUCTURAL DRAWINGS.

18. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND COORDINATING WEIGHTS, DIMENSIONS, AND INSTALLATION DETAILS OF PURCHASED EQUIPMENT WITH THE SUPPORTING STRUCTURE. ANY CONFLICT BETWEEN THESE ITEMS AND THE BUILDING STRUCTURE AND/OR SPECIFIC WEIGHT/DIMENSIONAL ALLOWANCES INDICATED ON THESE DRAWINGS IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR RESOLUTION.

19. ASTM REFERENCES ARE FOR THE LATEST REVISIONS AND ISSUE AS OF DATE OF THESE DRAWINGS, UNLESS OTHERWISE NOTED.

BUILDING CODE REQUIRED SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS ARE A MAINE UNIFORM BUILDING AND ENERGY CODE (MUBEC 642-3) REQUIREMENT AND MUST BE PERFORMED AND DOCUMENTED AS SPECIFIED IN THE STATEMENT OF SPECIAL INSPECTIONS AND SCHEDULE OF SPECIAL INSPECTIONS. REFER TO SPECIFICATION 014533.

2. THE CONTRACTOR MUST DIRECTLY EMPLOY WITH, THE APPROVAL OF THE OWNER, THE SPECIAL INSPECTOR TO PERFORM THE REQUIREMENTS OF THE SPECIAL INSPECTIONS.

ADDITIONAL CONCRETE DURABILITY REQUIREMENTS

1. ALL STEEL REINFORCING BARS MUST BE STAINLESS STEEL FOR THE FOLLOWING ELEMENTS, UNLESS OTHERWISE NOTED. COMPLY WITH ALL REQUIREMENTS FOR STAINLESS STEEL REINFORCING, REFER TO SPECIFICATION 03300.
   A. ALL SLABS-ON-GROUND EXPOSED TO WEATHER AND DEICING SALTS
   B. ALL STAIRS, RAMPS, AND CURBS EXPOSED TO WEATHER AND DEICING SALTS
   C. ALL OTHER LOCATIONS SPECIFICALLY INDICATED ON THESE DRAWINGS
2. INCLUDE SYNTHETIC MICROFIBERS IN CONCRETE FOR THE FOLLOWING ELEMENTS. COMPLY WITH ALL REQUIREMENTS FOR SYNTHETIC MICROFIBERS, REFER TO SPECIFICATION 03300.
   A. ALL SLABS-ON-GROUND EXPOSED TO WEATHER AND DEICING SALTS

EXISTING CONDITIONS

1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR METHODS, PROCEDURES, AND SEQUENCES OF DEMOLITION AND CONSTRUCTION AND FOR THE STABILITY AND INTEGRITY OF ALL EXISTING STRUCTURES, SIDEWALKS, UTILITIES, ETC. THE CONTRACTOR IS ALSO SOLELY RESPONSIBLE FOR ALL TEMPORARY BRACING, SHEETING, SHORING, ETC. REQUIRED TO COMPLETE DEMOLITION AND CONSTRUCTION AND FOR PROTECTION OF ALL ADJACENT AND NEARBY STRUCTURES FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION. REFER TO GENERAL REQUIREMENTS AND DEMOLITION NOTES.

2. DIMENSIONS AND ELEVATIONS OF EXISTING CONSTRUCTION GIVEN IN STRUCTURAL DRAWINGS ARE BASED ON LIMITED INFORMATION. THE INFORMATION CONTAINED ON THESE DRAWINGS MAY REQUIRE ADJUSTMENTS AND/OR MODIFICATIONS TO CONFORM TO EXISTING FIELD CONDITIONS.

   THE CONTRACTOR MUST FIELD VERIFY ALL EXISTING BUILDING AND SITE CONDITIONS, INCLUDING ALL STRUCTURE DIMENSIONS, ELEVATIONS, MEASUREMENTS, FRAMING CONDITIONS, AND ALL RELATED EXISTING CONDITIONS FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS. ALL DISCREPANCIES MUST BE DOCUMENTED AND IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR RESOLUTION, PRIOR TO PROCEEDING WITH THE WORK.

3. PRIOR TO SUBMITTING A PROPOSAL FOR WORK, ALL BIDDERS ARE REQUIRED TO EXAMINE THE DRAWINGS AND SPECIFICATIONS CAREFULLY, VISIT THE SITE/PREMISES AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS, LIMITATIONS, TEMPORARY CONSTRUCTION REQUIRED, QUANTITIES AND TYPES OF EQUIPMENT, ETC. FAILURE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND LIMITATIONS WILL IN NO WAY RELIEVE THE SUCCESSFUL BIDDER FROM FURNISHING ANY MATERIALS OR PERFORMING ANY WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS WITHOUT ADDITIONAL COST TO THE OWNER.

4. WHERE THE EXISTING CONSTRUCTION IS TO BE ALTERED, OR OTHERWISE DISTURBED, PROVIDE TEMPORARY AND/OR PERMANENT BRACING AND SHORING AS MAY BE REQUIRED.

5. EXISTING CONSTRUCTION NOT UNDERGOING ALTERATION IS TO REMAIN UNDISTURBED. WHERE SUCH CONSTRUCTION IS DISTURBED AS A RESULT OF THE OPERATIONS OF THE CONTRACTOR, IT MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR AS REQUIRED AND TO THE SATISFACTION OF THE OWNER.

6. THE CONTRACTOR MUST VERIFY THE EXISTENCE, LOCATION AND ELEVATION OF THE UNDERGROUND AND EMBEDDED UTILITIES IN DEMOLITION AREAS BEFORE PROCEEDING WITH THE WORK. DURING EXECUTION OF WORK, PROVIDE TEMPORARY SUPPORTS, SHORING AND/OR PROTECTION AS REQUIRED FOR EXISTING UNDERGROUND UTILITIES.

7. SHOULD UNCHARTED OR INCORRECTLY CHARTED EXISTING UNDERGROUND OR EMBEDDED UTILITIES BE ENCOUNTERED DURING THE WORK, THE CONTRACTOR MUST IMMEDIATELY NOTIFY OWNER, ARCHITECT, CIVIL ENGINEER OF RECORD, AND STRUCTURAL ENGINEER OF RECORD.

8. PROVIDE FIRE SAFETY PRECAUTIONS DURING FIELD CUTTING AND WELDING OPERATIONS, MEETING THE OWNER'S REQUIREMENTS.

9. PROVIDE TEMPORARY PROTECTION TO PREVENT DAMAGE FROM THE WEATHER OR VANDALISM.

10. COORDINATE WORK WITH THE OWNER'S PERSONNEL TO AVOID ANY INTERFERENCE IN THEIR OPERATIONS. PROVIDE TEMPORARY BARRIERS AS REQUIRED TO MAINTAIN SECURE ZONES.

FOUNDATIONS

1. THE GEOTECHNICAL REPORT PREPARED BY S. W. COLE ENGINEERING, INC. "EXPLORATIONS AND GEOTECHNICAL ENGINEERING SERVICES PROPOSED NEW PASSENGER TERMINAL PRESQUE ISLE INTERNATIONAL AIRPORT PRESQUE ISLE, MAINE" DATED SEPTEMBER 11, 2023 SHALL BE CONSIDERED AN INTEGRAL PART OF THE CONTRACT DRAWINGS. IN THE EVENT OF ANY DISCREPANCIES BETWEEN THE REQUIREMENTS OUTLINED IN THE DRAWINGS AND THE GEOTECHNICAL REPORT, THE GEOTECHNICAL REPORT SHALL TAKE PRECEDENCE. IT IS THE RESPONSIBILITY OF ALL BIDDERS TO REVIEW AND ADHERE TO THE REQUIREMENTS OUTLINED IN THE GEOTECHNICAL REPORT PRIOR TO BIDDING ON THE WORK. THE CONTRACTOR IS OBLIGATED TO FOLLOW THE GUIDELINES AND SPECIFICATIONS OUTLINED IN THE GEOTECHNICAL REPORT, REGARDLESS OF WHETHER THIS INFORMATION IS ALSO PROVIDED IN THE DRAWINGS.

2. EXTEND THE BOTTOM OF ALL FOOTINGS A MINIMUM OF 6'-0" BELOW FINISHED GRADE ELEVATION OR AS DETAILED IN THE DRAWINGS.

3. PROVIDE SHEETING, BRACING, AND DEWATERING, AS REQUIRED.

4. PRIOR TO CONCRETE PLACEMENT, ANY WATER PRESENT IS TO BE PUMPED OUT FROM THE BOTTOM OF EXCAVATIONS TO A LEVEL ACCEPTED BY THE GEOTECHNICAL ENGINEER. FOUNDATIONS MUST NOT BE PLACED IN WATER.

5. PROVIDE A WELL COMPACTED SELECT GRAVEL BASE COURSE CONFORMING TO THE SPECIFICATIONS UNDER ALL SLABS-ON-GROUND AND PER THE DETAILS SHOWN IN THE DRAWINGS.

6. ALL REQUIRED INSERTS SLEEVES, CONDUITS, EMBEDMENT AND PENETRATIONS MUST BE VERIFIED WITH RESPECTIVE TRADE BEFORE CONCRETE PLACEMENT.

7. DOWELS FROM FOOTINGS INTO PIERS, COLUMNS, BUTTRESSES, OR WALLS MUST BE THE SAME SIZE AND NUMBER AS REINFORCEMENT IN PIERS, COLUMNS, BUTTRESSES, OR WALLS ABOVE, EXCEPT AS OTHERWISE SHOWN.

8. CONTRACTOR MUST PROVIDE CONTINUOUS DRAINAGE TO CONTROL SURFACE WATER, AS REQUIRED DURING CONSTRUCTION.

9. ALL FOOTINGS MUST BE CENTERED UNDER SUPPORTED MEMBERS, UNLESS NOTED OTHERWISE ON PLANS.

10. DO NOT PLACE BACKFILL AGAINST WALLS UNTIL ALL SLABS AND WALL BRACING ARE IN-PLACE AND AFTER CONCRETE HAS ATTAINED DESIGN STRENGTH. SHORE AND / OR BRACE WALLS AS REQUIRED IF BACKFILLING OPERATIONS ARE TO BE CARRIED OUT PRIOR TO PLACEMENT OF FLOOR SLABS.

11. WHERE BACKFILL IS TO BE PLACED ON BOTH SIDES OF FOUNDATION WALLS, PROVIDE A BALANCED BACKFILL AGAINST FOUNDATION WALLS TO ELIMINATE LATERAL LOAD EFFECTS, OR PROVIDE NECESSARY TEMPORARY LATERAL SUPPORT TO THE TOP OF THE WALL UNTIL PERMANENT SUPPORT IS INSTALLED.

12. BACKFILL MATERIAL MUST BE COMPACTED TO 95% OF MAXIMUM DENSITY, AS DETERMINED BY THE MODIFIED PROCTOR METHOD (ASTM D1557), IN LIFTS NOT EXCEEDING 8".

13. ALLOWABLE SOIL BEARING PRESSURE FOR SUSTAINED DEAD PLUS LIVE LOADING, IS TO BE TAKEN AS STATED IN THE GEOTECHNICAL REPORT. REFER TO NOTE SECTION "DESIGN CRITERIA".

SLAB ON GRADE

1. ALL SLABS ON GRADE SHALL BE ON COMPACTED SUBGRADE WITH 4 INCHES MINIMUM OF POROUS FILL MATERIAL. SEE SUBGRADE PREPARATION NOTES.
2. POROUS FILL MATERIAL SHALL BE A CLEAN GRANULAR MATERIAL WITH 100% PASSING 1-1/2" SIEVE AND NO MORE THAN 5% PASSING A NO. 4 SIEVE. POROUS FILL SHALL BE COMPACTED TO 95% MAX. DRY DENSITY PER ASTM D698.
3. THE CONTRACTOR SHALL COORDINATE ALL LIMITS AND DEPTHS OF DEPRESSIONS FOR FLOOR FINISHES WITH ARCHITECTURAL DRAWINGS AND SCHEDULES. LIMITS SHOWN ON STRUCTURAL DRAWINGS ARE SCHEMATIC.
4. THE USE OF POLYPROPYLENE FIBERS IN LIEU OF WELDED WIRE FABRIC IS PROHIBITED WITHOUT THE WRITTEN AUTHORIZATION OF THE ENGINEER.
5. THE FINISH TOLERANCE OF ALL SLABS SHALL BE IN ACCORDANCE WITH ACI 301, TYPE A.
6. WALKWAYS AND OTHER EXTERIOR SLABS ARE NOT INDICATED ON THE STRUCTURAL DRAWINGS. SEE THE SITE PLAN AND ARCHITECTURAL DRAWINGS FOR LOCATIONS, DIMENSIONS, ELEVATIONS, JOINTING DETAILS AND FINISH DETAILS.
7. SLAB JOINTS SHALL BE FILLED WITH APPROVED MATERIAL. THIS SHOULD TAKE PLACE AS LATE AS POSSIBLE, PREFERABLY 4 TO 6 WEEKS AFTER THE SLAB HAS BEEN PLACED. PRIOR TO FILLING, REMOVE ALL DEBRIS FROM THE SLAB JOINTS, THEN FILL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AS FOLLOWS:
   a. CONTROL JOINT SEALANT = EUCLID CHEMICAL DURAL 340 SL OR APPROVED EQUAL
   b. EXPANSION/ISOLATION JOINT SEALANT = EUCLID CHEMICAL EUCOLASTIC 1 SL OR APPROVED EQUAL
8. CONCRETE FINISH FLOORS SHALL HAVE A HARD STEEL TROWELED FINISH UNLESS INDICATED OTHERWISE ON THE DRAWINGS. PLACE, STRIKE OFF, CONSOLIDATE, LEVEL AND FLOAT TO THE PROPER ELEVATION. TROWELING SHALL BEGIN AFTER SURFACE HAS RECEIVED A FLOAT FINISH. THE SLAB DRYING MUST PROCEED NATURALLY AND MUST NOT BE HASTENED BY THE DUSTING ON OF DRY CEMENT OR SAND. IDENTIFY TOOL MARKS, EDGES AT CONSTRUCTION JOINTS AND EXERCISE CARE THAT SLAB EDGES ARE NOT DEPRESSED ALONG BULKHEADS DURING FINISHING OPERATIONS, PARTICULARLY HAND TROWELING. EXTERIOR SLABS, SIDEWALKS, PADS AND RAMPS SHALL HAVE A LIGHT BROOM FINISH UNLESS INDICATED OTHERWISE ON THE DRAWINGS. PROVIDE STANDARD TROWEL FINISH AT ALL SUB-SLABS.
9. PROVIDE 1/2" PREMOLDED EXPANSION JOINT (P.E.J) FILLER AROUND PERIMETER OF SLABS WHERE THEY ABUT VERTICAL SURFACES AND AT COLUMN ISOLATION JOINTS AS DETAILED.

STRUCTURAL GROUTING

1. ALL STRUCTURAL GROUTING FOR STEEL BEARING ASSEMBLIES, INCLUDING ANCHORAGES OF STRUCTURAL STEEL TO CAST-IN-PLACE ANCHORS AND POST-INSTALLED ANCHORS MUST COMPLY WITH THE FOLLOWING REQUIREMENTS. REFER TO CAST-IN-PLACE CONCRETE NOTES ON S-001 AND SPECIFICATION 03 30 00, AS MODIFIED BY THE FOLLOWING NOTES:

2. STRUCTURAL GROUT MUST CONFORM TO THE FOLLOWING:

A.	NONMETALLIC, NON-SHRINK GROUT:	ASTM C1107/C1107M
a.	MINIMUM 28-DAY COMPRESSIVE STRENGTH:	7000 PSI
b.	CONSISTENCY:	FLUID
c.	WATER:	POTABLE
d.	ADDITIVES:	NON PERMITTED

3. DELIVER, STORE, AND HANDLE PRODUCTS IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS.

4. DO NOT PERFORM GROUTING IF AMBIENT OR SUBSTRATE TEMPERATURE DOES NOT COMPLY WITH THOSE SPECIFIED BY MANUFACTURER, OR OTHERWISE PROVED THROUGH A DOCUMENTED PROCESS.

5. MAINTAIN MINIMUM TEMPERATURE OF GROUT AND SUBSTRATE SPECIFIED BY MANUFACTURER BEFORE, DURING, AND AFTER GROUTING, FOR THE DURATION INDICATED BY MANUFACTURER, OR OTHERWISE PROVED THROUGH A DOCUMENTED PROCESS TO PROVIDE STRENGTH, DURABILITY, AND SERVICEABILITY FOR THE FINAL PRODUCT.

6. GROUTING MUST BE PERFORMED AS FOLLOWS:
   A. GROUT PLACEMENT MUST BE A CONTINUOUS OPERATION UNTIL THE JOINT IS COMPLETELY FULL.
   B. POUR GROUT FROM ONE SIDE OF THE JOINT ONLY, TO AVOID TRAPPING AIR.
   C. CONSOLIDATE GROUT TO REMOVE AIR POCKETS USING A FLAT STEEL STRAP, OR SIMILAR. DO NOT VIBRATE GROUT.
   D. RETAIN FLOWABLE GROUT IN PLACE UNTIL HARD ENOUGH TO SUPPORT ITSELF. FILL JOINTS COMPLETELY WITHOUT SEEPAGE TO OTHER SURFACES.

CAST-IN-PLACE CONCRETE

1. CONCRETE QUALITY IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS IS ESSENTIAL TO THE STRUCTURAL PERFORMANCE OF THE STRUCTURE. CONCRETE THAT IS NOT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS WILL NOT BE ACCEPTED.

2. CAST-IN-PLACE CONCRETE MUST CONFORM WITH ALL REQUIREMENTS THESE DRAWINGS AND SPECIFICATIONS AND WITH ACI 301-20 – SPECIFICATION FOR CONCRETE CONSTRUCTION, AS MODIFIED BY THESE DRAWINGS AND SPECIFICATIONS.

3. ALL CONCRETE MUST BE NORMAL-WEIGHT CONCRETE, UNLESS OTHERWISE NOTED, MIXED AND PLACED UNDER THE SUPERVISION OF AN APPROVED CONCRETE TESTING AGENCY. ALL CONCRETE MUST BE STONE AGGREGATE, UNLESS OTHERWISE NOTED, AND MUST DEVELOP THE FOLLOWING 28-DAY COMPRESSIVE STRENGTHS (f'c):

A.	ALL CONCRETE EXPOSED TO DEICING SALTS (INCLUDING SLABS, STAIRS, RAMPS, CURBS, WALLS, PEDESTALS, ETC)	5000 PSI MIN
B.	FOOTINGS AND PILE CAPS	5000 PSI
C.	GRADE BEAMS	5000 PSI
D.	FOUNDATION WALLS	5000 PSI
E.	SLABS-ON-GROUND	4000 PSI
F.	STRUCTURAL SLABS	5000 PSI
G.	SLABS-ON-DECK (COMPOSITE STEEL DECK-SLABS)	4000 PSI
H.	EXTERIOR CONCRETE	5000 PSI
I.	NON-STRUCTURAL CONCRETE TOPPING	3000 PSI

4. CONCRETE MUST REACH THE FOLLOWING PERCENTAGES OF ITS 28-DAY COMPRESSIVE STRENGTH (f'c) BEFORE FORMS OR SHORES MAY BE REMOVED:

A.	WALLS	40%
B.	SLABS, SLABS-ON-GROUND, BEAMS	75%

   C. STEEL REINFORCEMENT MUST CONFORM TO THE FOLLOWING, UNLESS OTHERWISE NOTED:

D.	DEFORMED REINFORCING BARS	ASTM A615, GRADE 60, MIN Fy = 60 KSI
E.	DEFORMED STAINLESS STEEL REINFORCING BARS	ASTM A955, GRADE 60, MIN Fy = 60 KSI, TYPE 304
F.	WELDED WIRE REINFORCEMENT	ASTM A1064, GRADE 65, MIN Fy = 65 KSI

5. STEEL REINFORCEMENT MUST BE FABRICATED AND PLACED IN ACCORDANCE WITH ACI 318-14 AND THE CONCRETE REINFORCING STEEL INSTITUTE'S (CRSI) MANUAL OF STANDARD PRACTICE, 30TH EDITION, AND PLACING REINFORCING BARS, 10TH EDITION, STANDARDS AND HAVE THE FOLLOWING CONCRETE COVER, UNLESS OTHERWISE NOTED:

A.	SURFACES PLACED IN CONTACT WITH THE GROUND	3"
B.	FORMED SURFACE, EXPOSED TO GROUND OR WEATHER	2"
C.	SLABS EXPOSED TO WEATHER OR DEICING SALTS	2"
D.	CURBS EXPOSED TO WEATHER OR DEICING SALTS	1 1/2"
E.	SLABS AND WALLS NOT EXPOSED TO WEATHER	3/4"
F.	PEDESTALS AND COLUMNS NOT EXPOSED TO WEATHER	1 1/2"
G.	BEAMS NOT EXPOSED TO WEATHER	1 1/2"

6. DESIGN AND CONSTRUCTION OF FORMWORK MUST COMPLY WITH ACI 318-14, ACI 301-20, AND ACI-347R-14 – GUIDE TO FORMWORK FOR CONCRETE.

7. PROVIDE CLASS B SPLICES FOR ALL CONTINUOUS REINFORCEMENT, UNLESS OTHERWISE INDICATED. MINIMUM ANCHORAGE AND SPLICE REQUIREMENTS FOR REINFORCING BARS MUST BE ACCORDING TO ACI 318-14.

8. IN SLABS AND BEAMS, LAP CONTINUOUS BOTTOM REINFORCEMENT AT SUPPORTS AND CONTINUOUS TOP REINFORCEMENT AT THE CENTER OF A SPAN, UNLESS OTHERWISE INDICATED. PROVIDE STANDARD HOOKS FOR TOP BARS AT DISCONTINUOUS ENDS.

9. WHERE COLUMNS ARE INTEGRAL WITH WALLS, EXTEND COLUMN REINFORCEMENT (TIES AND LONGITUDINAL BARS) AS INDICATED.

10. DETAILING OF REINFORCEMENT MUST BE IN ACCORDANCE WITH THE CRSI MANUAL OF STANDARD PRACTICE, 30TH EDITION, AND CRSI PLACING REINFORCING BARS, 10TH EDITION, STANDARDS.

11. ALL REINFORCEMENT AND EMBEDS MUST BE ADEQUATELY SECURED TO PREVENT DISPLACEMENT. PLACE EMBEDS FROM BEING DISPLACED FROM THEIR PROPER POSITION DURING CONCRETE PLACEMENT.

12. PROVIDE BAR SUPPORTS, SPACERS AND ACCESSORIES AS REQUIRED TO SUPPORT REINFORCEMENT AND AS RECOMMENDED IN THE CRSI MANUAL OF STANDARD PRACTICE, 30TH EDITION, AND CRSI PLACING REINFORCING BARS, 10TH EDITION, STANDARDS. ALL ACCESSORIES, SUCH AS SLAB BOLSTERS AND BEAM AND SLAB CHAIRS IN CONTACT WITH EXPOSED SURFACES MUST BE PLASTIC COATED.

13. PROVIDE DOWELS IN FOOTING TO MATCH CAST-IN-PLACE WALL REINFORCEMENT. SET AND TIE ALL REINFORCEMENT BEFORE PLACING CONCRETE. SETTING DOWELS AND REINFORCEMENT INTO WET CONCRETE IS PROHIBITED.

14. NO CONCRETE MUST BE CAST BEFORE REVIEW AND ACCEPTANCE OF THE REINFORCING AND EMBEDDED ITEMS SHOP DRAWINGS HAS BEEN OBTAINED FROM THE DESIGNER.

15. CONCRETE WALLS AND FOOTINGS MUST BE CAST IN ALTERNATE PANELS NOT EXCEEDING 60'-0" IN LENGTH AND AS PER THE SPECIFICATIONS.

16. NO HORIZONTAL CONSTRUCTION JOINTS MUST BE MADE IN BEAMS AND PILE CAPS, UNLESS SHOWN SPECIFICALLY ON DRAWINGS. FOR VERTICAL CONSTRUCTION JOINTS, AND HORIZONTAL CONSTRUCTION JOINTS IN ELEMENTS OTHER THAN BEAMS AND PILE CAPS, REFER TO DETAILS, UNLESS OTHERWISE NOTED.

17. LOCATE CONSTRUCTION JOINTS IN FLOORS AND ROOFS NEAR THE MIDDLE OF THE SPANS OF SLABS AND BEAMS, UNLESS OTHERWISE INDICATED ON THE PLANS. IF A BEAM INTERSECTS A GIRDER AT THIS LOCATION, OFFSET THE CONSTRUCTION JOINT IN THE GIRDER A DISTANCE EQUAL TO TWICE THE WIDTH OF THE BEAM. CONTRACTOR MUST SUBMIT DRAWINGS SHOWING INTENDED PLACING SEQUENCES AND LOCATIONS OF CONSTRUCTION JOINTS AND GRADE BEAM JOINTS TO THE ENGINEER F

STRUCTURAL GLUED LAMINATED TIMBER

1. STRUCTURAL GLUED LAMINATED TIMBER MUST CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS, OR EQUIVALENT, UNLESS OTHERWISE NOTED.
   A. GLULAM BEAMS (GLB):
      a. BASIS OF DESIGN:
         COMBINATION SYMBOL — 24F-V3 (UNBALANCED)
         SPECIES (OUTER/CORE) — SP/SP (SOUTHERN PINE)
      b. MINIMUM REFERENCE DESIGN VALUES:
         X-X AXIS BENDING (LOADED PERPENDICULAR (⊥) TO WIDE FACES OF LAMINATIONS)
         POSITIVE BENDING, Fbx(+) — 2400 PSI
         NEGATIVE BENDING, Fbx(-) — 2000 PSI
         COMPRESSION ⊥ TO GRAIN, TENSION FACE, Fc⊥tx — 740 PSI
         COMPRESSION ⊥ TO GRAIN, COMPRESSION FACE, Fc⊥cx — 740 PSI
         SHEAR I TO GRAIN, Fvx — 300 PSI
         MODULUS OF ELASTICITY FOR DEFLECTIONS, Ex — 1800 KSI
         MODULUS OF ELASTICITY FOR STABILITY, Ex,min — 950 KSI
         Y-Y AXIS BENDING (LOADED PARALLEL (I) TO WIDE FACES OF LAMINATIONS)
         BENDING, Fby — 1700 PSI
         COMPRESSION ⊥ TO GRAIN, Fc⊥y — 650 PSI
         SHEAR I TO GRAIN, Fvy — 260 PSI
         MODULUS OF ELASTICITY FOR DEFLECTIONS, Ey — 1600 KSI
         MODULUS OF ELASTICITY FOR STABILITY, Ey,min — 850 KSI
         AXIAL (LOADED PARALLEL (I) TO GRAIN)
         TENSION I TO GRAIN, Ft — 1150 PSI
         COMPRESSION I TO GRAIN, Fc — 1650 PSI
   B. GLULAM COLUMNS (GLC):
      a. BASIS OF DESIGN:
         COMBINATION SYMBOL — 50
         SPECIES — SP (SOUTHERN PINE)
         GRADE — N1D14
      b. MINIMUM REFERENCE DESIGN VALUES:
         AXIAL (LOADED PARALLEL (I) TO GRAIN)
         TENSION I TO GRAIN (MIN OF 2 LAMINATIONS), Ft — 1550 PSI
         COMPRESSION I TO GRAIN (MIN OF 4 LAMINATIONS), Fc — 2300 PSI
         COMPRESSION I TO GRAIN (MIN OF 2 LAMINATIONS), Fc — 1650 PSI
         X-X AXIS BENDING (LOADED PERPENDICULAR (⊥) TO WIDE FACES OF LAMINATIONS)
         BENDING (MIN OF 2 LAMINATIONS, MAX DEPTH OF 15"), Fbx — 2100 PSI
         SHEAR I TO GRAIN, Fvx — 300 PSI
         Y-Y AXIS BENDING (LOADED PARALLEL (I) TO WIDE FACES OF LAMINATIONS)
         BENDING (MIN 4 LAMINATIONS), Fby — 2300 PSI
         BENDING (MIN 3 LAMINATIONS), Fby — 2100 PSI
         BENDING (MIN 2 LAMINATIONS), Fby — 17500 PSI
         SHEAR I TO GRAIN, Fvy — 260 PSI
         ALL LOADING
         MODULUS OF ELASTICITY FOR AXIAL DEFORMATION, Ea — 2000 KSI
         MODULUS OF ELASTICITY FOR BENDING DEFLECTIONS, E — 1900 KSI
         MODULUS OF ELASTICITY FOR STABILITY, E,min — 1000 KSI
2. STRUCTURAL GLUED LAMINATED TIMBER MATERIALS, MANUFACTURE, AND QUALITY CONTROL MUST BE IN CONFORMANCE WITH ANSI/AITC A190.1 - STRUCTURAL GLUED LAMINATED TIMBER, ASTM D3737 - STANDARD PRACTICE FOR ESTABLISHING ALLOWABLE PROPERTIES FOR STRUCTURAL GLUED LAMINATED TIMBER, AND AITC 117 - STANDARD SPECIFICATIONS FOR STRUCTURAL GLUED LAMINATED TIMBER OF SOFTWOOD SPECIES, DESIGN AND MANUFACTURING REQUIREMENTS.
   ALL STRUCTURAL MEMBERS MUST BEAR A QUALITY MARK FROM AN ACCREDITED INSPECTION AGENCY CERTIFYING CONFORMANCE WITH ANSI/AITC A190.1 - STRUCTURAL GLUED LAMAINATED TIMBER.THE QUALITY MARK MUST CONTAIN THE FOLLOWING INFORMATION:
   A. SPECIES OR SPECIES GROUP OF LUMBER OF LAMINATIONS
   B. APPLICABLE LAMINATING SPECIFICATION AND COMBINATION SYMBOL
      a. REFERENCE DESIGN VALUES, WHEN DIFFERENT FROM PUBLISHED VALUES
   C. APPEARANCE CLASSIFICATION
   D. MILL NAME OR IDENTIFICATION NUMBER
   E. IDENTIFICATION OF THE ACCREDITED INSPECTION AGENCY
   F. THE SYMBOL OF "ANSI A190.1" SIGNIFYING CONFORMANCE
   G. UNBALANCED LAYUP MARK, IF APPLICABLE
   H. PRODUCTION LOT NUMBER OR JOB IDENTIFICATION NUMBER
   I. INDICATION OF PROOF LOADED END JOINT, IF APPLICABLE
   J. INDICATION OF ALTERNATE TENSION LAMINATIONS, IF APPLICABLE
3. SIZES OF GLUED LAMINATED TIMBER MEMBERS INDICATED ON THESE STRUCTURAL DRAWINGS REFER TO THE NET FINISHED DIMENSIONS.
4. FOR ASYMMETRICAL LAYUPS (UNBALANCED) THE TOP SIDE OF GLUED LAMINATED TIMBER MUST BEAR A MARK FROM THE MANUFACTURER INDICATING "TOP".
5. ALL GLUED LAMINATED TIMBER MUST BE OF ARCHITECTURAL APPEARANCE GRADE IN ACCORDANCE WITH AITC 110 - STANDARD APPEARANCE GRADES FOR STRUCTURAL GLUED LAMINATED TIMBER.
6. ALL GLUED LAMINATED TIMBER MUST HAVE A MOISTURE CONTENT LESS THAN 16% AT THE TIME OF INSTALLATION.
7. GLUED LAMINATED TIMBER MUST BE MADE FROM SOLID LUMBER LAMINATIONS. LAMINATED VENEER LUMBER IS NOT PERMITTED.
8. ADHESIVE USED IN GLUED LAMINATED TIMBER MUST BE WET-USE ADHESIVE COMPLYING WITH AITC A190.1.
9. APPLY SATURATION COAT OF END SEALER IMMEDIATELY AFTER END CUTTING EACH MEMBER TO FINAL LENGTH AND AFTER PRESERVATIVE TREATMENT.
10. APPLY HEAVY SATURATION COAT OF PENETRATING SEALER ON ALL MEMBER SURFACES AFTER FABRICATING, SANDING, AND END COAT SEALING; EXCEPT FOR PRESERVATIVE TREATED WOOD WHERE TREATMENT INCLUDED A WATER REPELLENT.
11. DESIGN OF ALL MASS TIMBER CONNECTIONS SHALL CONFORM TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" (AISC 360-16) AND TO ANSI/AWS STANDARDS.
12. GLULAM BEAM CONNECTION SHALL BE DESIGNED ON 50% OF THE TOTAL UNIFORM LOAD CAPACITY OF THE BEAM IN FLEXURAL.

CROSS-LAMINATED TIMBER

1. CROSS-LAMINATED TIMBER MUST CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS, OR EQUIVALENT, UNLESS OTHERWISE NOTED.
   A. CLT 5-LAYUP (THICKNESS = 6 7/8"):
      a. BASIS OF DESIGN:
         CLT GRADE — V4M1
         SPECIES — SPF-S (SPRUCE-PINE-FIR SOUTH)
      b. LAMINATION MINIMUM REFERENCE DESIGN VALUES:
         COMPRESSION ⊥ TO GRAIN, Fc⊥ — 335 PSI
         LAMINATIONS USED IN MAJOR STRENGTH DIRECTION
         BENDING, Fb0 — 775 PSI
         TENSION I TO GRAIN, Ft0 — 350 PSI
         COMPRESSION I TO GRAIN, Fc0 — 1000 PSI
         SHEAR, Fv0 — 135 PSI
         PLANAR (ROLLING) SHEAR, Fs0 — 45 PSI
         MODULUS OF ELASTICITY, E0 — 1100 KSI
         LAMINATIONS USED IN MINOR STRENGTH DIRECTION
         BENDING, Fb90 — 775 PSI
         TENSION I TO GRAIN, Ft90 — 350 PSI
         COMPRESSION I TO GRAIN, Fc90 — 1000 PSI
         SHEAR, Fv90 — 135 PSI
         PLANAR (ROLLING) SHEAR, Fs90 — 45 PSI
         MODULUS OF ELASTICITY , E90 — 1100 KSI
   B. CLT SECTION MINIMUM REFERENCE DESIGN VALUES:
      MAJOR STRENGTH DIRECTION
         EFFECTIVE FLATWISE BENDING MOMENT, (FbS)eff,f,0 — 4150 LB-FT/FT
         FLATWISE SHEAR CAPACITY, Vs,0 — 2480 LB/FT
         EFFECTIVE FLATWISE BENDING STIFFNESS, (EI)eff,f,0 — 285000 KIP-IN2/FT
         EFFECTIVE FLATWISE SHEAR STIFFNESS, (GA)eff,f,0 — 760 KIP/FT
      MINOR STRENGTH DIRECTION
         EFFECTIVE FLATWISE BENDING MOMENT, (FbS)eff,f,90 — 1230 LB-FT/FT
         FLATWISE SHEAR CAPACITY, Vs,90 — 1490 LB/FT
         EFFECTIVE FLATWISE BENDING STIFFNESS, (EI)eff,f,90 — 68000 KIP-IN2/FT
         EFFECTIVE FLATWISE SHEAR STIFFNESS, (GA)eff,f,90 — 820 KIP/FT
      CROSS-LAMINATED TIMBER MATERIALS, MANUFACTURE, AND QUALITY CONTROL MUST BE IN CONFORMANCE WITH ANSI/APA PRG 320-2019 - STANDARD FOR PERFORMANCE-RATED CROSS-LAMINATED TIMBER.
2. ALL STRUCTURAL MEMBERS MUST BEAR A QUALITY MARK FROM AN ACCREDITED INSPECTION AGENCY CERTIFYING CONFORMANCE WITH ANSI/APA PRG 320-2019 - STANDARD FOR PERFORMANCE-RATED CROSS-LAMINATED TIMBER. THE QUALITY MARK MUST CONTAIN THE FOLLOWING INFORMATION:
   A. CLT GRADE
   B. CLT THICKNESS OR IDENTIFICATION
   C. MILL NAME OR IDENTIFICATION NUMBER
   D. IDENTIFICATION OF THE ACCREDITED INSPECTION AGENCY
   E. THE SYMBOL OF "ANSI PRG 320" SIGNIFYING CONFORMANCE
   F. UNBALANCED LAYUP MARK, IF APPLICABLE
   G. PRODUCTION LOT NUMBER OR JOB IDENTIFICATION NUMBER
3. SIZES OF CROSS-LAMINATED TIMBER INDICATED ON THESE STRUCTURAL DRAWINGS REFER TO THE NET FINISHED DIMENSIONS.
4. FOR ASYMMETRICAL LAYUPS (UNBALANCED) THE TOP SIDE OF CROSS-LAMINATED TIMBER MUST BEAR A MARK FROM THE MANUFACTURER INDICATING "TOP".
5. ALL CROSS-LAMINATED TIMBER MUST BE OF ARCHITECTURAL APPEARANCE GRADE IN ACCORDANCE WITH AITC 110 - STANDARD APPEARANCE GRADES FOR STRUCTURAL GLUED LAMINATED TIMBER.
6. ALL CROSS-LAMINATED TIMBER MUST HAVE A MOISTURE CONTENT LESS THAN 16% AT THE TIME OF INSTALLATION.
7. CROSS-LAMINATED TIMBER MUST BE MADE FROM SOLID LUMBER LAMINATIONS. STRUCTURAL COMPOSITE LUMBER IS NOT PERMITTED.

SHOP DRAWING SUBMITTALS

1. TWENTY BUSINESS DAYS PRIOR TO SUBMITTING SHOP DRAWINGS, THE CONTRACTOR MUST SUBMIT FOR STRUCTURAL ENGINEER OF RECORD'S REVIEW A SCHEDULE WHICH DETAILS THE ESTIMATED QUANTITY OF SHOP DRAWINGS AND THE DATE THE SHOP DRAWINGS WILL BE RECEIVED BY THE STRUCTURAL ENGINEER OF RECORD. THE STRUCTURAL ENGINEER OF RECORD MUST HAVE THE OPPORTUNITY TO REVIEW THE PROPOSED SCHEDULE AND SUBMIT COMMENTS TO THE CONTRACTOR. THE FINAL SHOP DRAWING SCHEDULE MUST BE DEVELOPED AND SUBMITTED TO THE SER. IN ACCORDANCE WITH THE SHOP DRAWING SCHEDULE, THE STRUCTURAL ENGINEER OF RECORD WILL RETURN THE SHOP DRAWING ITEMS WITHIN TEN BUSINESS DAYS AFTER HAVING RECEIVED THE ELECTRONIC SHOP DRAWING, PROVIDED THE SHOP DRAWING IS IN COMPLIANCE WITH BELOW NOTE 2.
2. THE CONTRACTOR MUST REVIEW EACH SUBMITTAL PRIOR TO FORWARDING TO DESIGN PROFESSIONALS. THE CONTRACTOR MUST STAMP EACH SUBMITTAL VERIFYING THAT THE FOLLOWING IS ADDRESSED:
   A. THE SHOP DRAWING IS REQUESTED.
   B. THE SHOP DRAWING IS BASED ON THE LATEST DESIGN.
   C. THE DESIGN PROFESSIONALS' COMMENTS FROM ANY PREVIOUS SUBMITTALS ARE ADDRESSED.
   D. THE WORK IS COORDINATED AMONG ALL CONSTRUCTION TRADES.
   E. REVISIONS FROM PREVIOUS SUBMITTALS ARE CLEARLY MARKED BY CIRCLING OR CLOUDS.
   F. SUBMITTAL IS COMPLETE.
   G. SUBMITTAL DOES NOT INCLUDE SUBSTITUTION REQUEST
   H. SUBMITTAL SHALL INCLUDE A STAMP INDICATING PROJECT NAME AND LOCATION, SUBMITTAL NUMBER, SPECIFICATION SECTION NUMBER.

   THE STRUCTURAL ENGINEER OF RECORD WILL RETURN, WITHOUT COMMENT, SUBMITTALS WHICH THE CONTRACTOR HAS NOT STAMPED OR WHICH DO NOT MEET THE ABOVE REQUIREMENTS. THE STRUCTURAL ENGINEER OF RECORD'S REVIEW OF SUBMITTALS IS FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT. NO WORK MUST BE STARTED WITHOUT SUCH REVIEW.
3. FOR COMPONENTS THAT REQUIRE ENGINEERING BY THE CONTRACTOR, PROVIDE A NOTE ON EACH SHOP DRAWING, WRITTEN AND SIGNED BY THE SUPPLIER'S ENGINEER, INDICATING THAT THE SHOP DRAWING IS IN CONFORMANCE WITH THE CALCULATIONS OF THE CONTRACTOR'S ENGINEER.
4. THE FOLLOWING ITEMS REQUIRE SUBMITTALS FOR STRUCTURAL REVIEW AS OUTLINED IN THE SPECIFICATIONS:

A.	031000	S CALC	CONCRETE FORMWORK
B.	032000	S	CONCRETE REINFORCING LAYOUT
C.	033000	CALC	CONCRETE MIX DESIGNS
D.	033000	S	CONCRETE CONSTRUCTION JOINT LAYOUT
E.	042200	S	MASONRY REINFORCEMENT LAYOUT
F.	051000	S	STRUCTURAL STEEL
G.	051000	S CALC	STRUCTURAL STEEL CONNECTIONS
H.	051000	S	METAL STAIRS AND LANDINGS FRAMING AND CONNECTIONS
I.	051000	S	SHEAR STUD LAYOUT
J.	053000	S CALC	STEEL COMPOSITE DECK
K.	053000	S CALC	STEEL ROOF DECK
L.	061719	S CALC	GLT DIAPHRAGM PANEL LAYOUT AND CONNECTIONS
M.	061800	S CALC	GLULAM CONNECTIONS
N.	316913.13	S	AGGREGATE PIER LAYOUT AND LAYOUT
	S =	SHOP DRAWINGS REQUIRED	
	CALC =	SUPPORTING CALCULATIONS REQUIRED, SEALED AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED.	

5. THE ITEMS IN THIS SECTION REFER TO LOADS IMPOSED BY CONTRACTOR DESIGNED SYSTEMS, SPECIFICALLY:
   A. ARCHITECTURAL PRECAST CONCRETE AND CONNECTIONS
   B. COLD-FORMED METAL FRAMING
   C. EXTERIOR CLADDING SYSTEMS
   D. METAL STAIRS AND LANDINGS
   E. ARCHITECTURAL ORNAMENTATION (FLAGPOLES, BANNERS, MASTS, ETC.)
   F. ELEVATOR REACTIONS
   G. SKYLIGHTS
   H. WINDOW WASHING TIEBACK OR DAVIT SYSTEMS
   I. SNOW RETENTION SYSTEMS / SNOW GUARDS
   J. CATWALKS
   K. MEP PLATFORMS

   WHERE CONTRACTOR LOADS IMPOSED DO NOT EXCEED AND/OR CONNECTION CONDITIONS DO NOT DIFFER FROM WHAT IS INDICATED IN THE STRUCTURAL DRAWINGS, SUBMIT FOR RECORD A LETTER SEALED AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED STATING THE FOLLOWING: "THE CONTRACTOR DESIGNED SYSTEM HAS BEEN DESIGNED TO IMPOSE LOADS ON THE BASE BUILDING STRUCTURE THAT ARE WITHIN THE LOAD LIMITS AND AT THE LOCATIONS INDICATED ON THE STRUCTURAL DRAWINGS."

   WHERE CONTRACTOR LOADS IMPOSED FOR THE FOLLOWING ITEMS EXCEED AND/OR CONNECTION CONDITIONS DIFFER FROM WHAT IS SHOWN IN THE STRUCTURAL DRAWINGS, SUBMIT FOR APPROVAL TO STRUCTURAL ENGINEER OF RECORD THE LOADS IMPOSED ON THE PRIMARY STRUCTURAL FRAME DUE TO THE DEAD, LIVE, AND WIND/SEISMIC LOADS INDICATED ON THE CONTRACT DOCUMENTS. SUBMITTAL SHALL LIST THE DESIGN LOADS USED AND BE SEALED AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. SUBMITTAL SHALL INCLUDE LOCATION, MAGNITUDE AND DIRECTION OF UNFACTORED IMPOSED LOADS, GRAPHICALLY REPRESENTED IN THEIR APPROPRIATE LOCATIONS ON A COPY OF THE CONTRACT DOCUMENT STRUCTURAL FRAMING PLAN OR ELEVATIONS AS APPROPRIATE. DETAIL REFERENCES IN THE CONNECTIONS APPLICABLE AT EACH LOCATION SHALL BE NOTED ON THE SUBMITTAL DRAWINGS.

   FOR EXTERIOR WALL ASSEMBLIES, THE LOADS IMPOSED SUBMITTAL SHALL BE COMPREHENSIVE INDICATING THE LOADS IMPOSED ON THE BASE BUILDING STRUCTURE AND SHALL INCLUDE THE REACTIONS BASED ON THE ACTUAL LOADS OF THE ENTIRE ASSEMBLY, INCLUDING BUT NOT LIMITED TO GLAZING, CLADDING, METAL STUD BACKUP, AND MULLIONS FOR MEP SYSTEMS. THE LOADS IMPOSED SUBMITTAL SHALL BE COMPREHENSIVE INDICATING THE LOADS IMPOSED ON THE BASE BUILDING STRUCTURE AND SHALL INCLUDE THE REACTIONS BASED ON THE ACTUAL LOADS OF THE ENTIRE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEM, INCLUDING BUT NOT LIMITED TO PIPING, DUCTS, ELECTRICAL RACEWAYS, AND EQUIPMENT WEIGHTS.

   A SUBSTITUTION REQUEST MAY BE REQUIRED WHERE CONTRACTOR LOADS IMPOSED EXCEED AND/OR CONNECTION CONDITIONS DIFFER FROM THE BASIS OF DESIGN.

DEFERRED SUBMITTALS / DELEGATED DESIGN

1. THE CONTRACTOR MUST DIRECTLY EMPLOY WITH, THE APPROVAL OF THE OWNER, A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF MAINE, TO DESIGN AND DETAIL DELEGATED DESIGN ITEMS TO MEET THE PERFORMANCE AND DESIGN CRITERIA ESTABLISHED AS PART OF THE BASE BUILDING STRUCTURE INDICATED IN THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO:
   A. AGGREGATE PIERS (GEOPIERS)
   B. STRUCTURAL STEEL CONNECTIONS
   C. METAL STAIRS, LANDINGS AND HANDRAILS
   D. COLD-FORMED METAL FRAMING
   E. MASS TIMBER CONNECTIONS
   F. CROSS-LAMINATED TIMBER (CLT) DIAPHRAGM CONNECTIONS AND PANEL LAYOUT
   G. TEMPORARY CONSTRUCTION WORKS
   H. SUPPORT OF EXCAVATION
   I. HANDRAILS AND GUARD RAILS
   J. CURTAIN WALL AND STOREFRONT WALL SYSTEMS (INCLUDING ANY STEEL STRUCTURE REQUIRED TO SUPPORT THE CURTAIN WALLS AND IT'S CONNECTION TO SLAB/FOUNDATION). THE DESIGN SHOULD INCLUDES CALCULATION FOR C&C WIND LOAD CALCULATIONS BASED ON WIND LOAD PARAMETERS PROVIDED THROUGH THE CONTRACT DOCUMENTS.
   K. FACADE COMPONENTS (INCLUDING ANY STEEL STRUCTURE REQUIRED TO SUPPORT THE FACADE AND IT'S CONNECTION TO SLAB/FOUNDATION). THE DESIGN SHOULD INCLUDES CALCULATION FOR C&C WIND LOAD CALCULATIONS BASED ON WIND LOAD PARAMETERS PROVIDED THROUGH THE CONTRACT DOCUMENTS.
2. DEFERRED SUBMITTALS FOR DELEGATED DESIGN ITEMS ARE TO BE SUBMITTED TO THE STRUCTURAL ENGINEER AND ARCHITECT OF RECORD FOR REVIEW FOR COMPLIANCE WITH THE SPECIFIED PERFORMANCE AND DESIGN CRITERIA. THE STRUCTURAL ENGINEER OF RECORD WILL STAMP THE SUBMITTAL AS "REVIEWED". THE CONTRACTOR MUST THEN SUBMIT THE REVIEWED SUBMITTALS TO THE BUILDING OFFICIAL FOR APPROVAL.
3. DEFERRED SUBMITTAL / DELEGATED DESIGN ITEMS MUST NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

STRUCTURAL STEEL CONNECTIONS

1. ALL STEEL DETAILS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", AISC.
2. ALL CONNECTIONS, UNLESS INDICATED AS BEING COMPLETELY DESIGNED ON THE STRUCTURAL DRAWINGS, SHALL BE DESIGNED AND DETAILED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. THE DESIGN AND DETAILING SHALL COMPLY WITH ALL APPLICABLE CODES AND SPECIFICATION SECTIONS.
3. UNLESS OTHERWISE NOTED, DETAILS INDICATED ON DRAWINGS INDICATE GENERAL CRITERIA FOR DESIGN AND DETAILING OF CONNECTIONS. DETAILS INDICATED ON DRAWINGS ARE NOT INTENDED TO CONVEY COMPLETE CONNECTOR SIZES, PLATE SIZES, WELD SIZES, NUMBER OF BOLTS, OR ANY OTHER SPECIFIC INFORMATION THAT IS OBTAINED THROUGH DESIGNING OF AN INDIVIDUAL CONNECTION FOR A GIVEN SET OF LOADS. THESE DETAILS DO NOT SHOW ERECTION AIDS. PROVIDE ERECTION AIDS AS REQUIRED AND REMOVE THEM AFTER WORK IS COMPLETE.
4. SUBMIT CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS TO THE SER FOR REVIEW PRIOR TO REVIEW OF SHOP DRAWINGS. FOR BIDDING PURPOSES, WHERE NO MOMENT IS INDICATED ON DRAWINGS PROVIDE FULL MOMENT CAPACITY OF MEMBER (.9 Fy Z) AND WHERE NO VERTICAL SHEAR IS INDICATED ON DRAWINGS PROVIDE FULL SHEAR CAPACITY (.54 Fy d tw).
5. ALTERNATE CONNECTIONS TO THOSE SHOWN ON DRAWINGS WILL ONLY BE CONSIDERED ACCEPTABLE IF CONTRACTOR FORMALLY SUBMITS ALTERNATES AND THE SER APPROVES THE SUBMITTAL.
6. FOR CONNECTION DESIGN AND DETAILING, SET CONNECTION WORK POINT AT INTERSECTION OF MEMBER CENTERLINES, UON.
7. DESIGN ALL CONNECTIONS FOR FORCES INDICATED ON THE DRAWINGS. CONNECTION DESIGN FORCES INDICATED ON THE DRAWINGS ARE UNFACTORED (ASD) UON.
8. USE NO MORE THAN TWO BOLT DIAMETERS, ALL BOLTS OF THE SAME DIAMETER SHALL BE OF THE SAME GRADE, SKIP ONE SIZE BETWEEN DIAMETERS. BOLTS TO BE A MINIMUM OF 3/4-INCH DIAMETER GRADE A325 OR AS COORDINATED WITH COMPLETELY DESIGNED CONNECTIONS.
9. BEAM CONNECTION DESIGN NOTES
   SEE PLANS AND ELEVATIONS FOR BEAM REACTIONS AND MOMENTS THAT ARE LARGER THAN THE VALUE SHOWN IN SCHEDULES.
   A. DEVELOP THE LARGER OF THE BEAM SHEAR REACTION SCHEDULED, SHOWN ON PLANS OR SHOWN ON ELEVATIONS.
   B. DEVELOP THE LARGER OF THE MOMENT SCHEDULED, SHOWN ON PLANS OR SHOWN ON ELEVATIONS.
   C. DEVELOP THE LARGER OF THE AXIAL FORCE DENOTED AS TF SHOWN ON PLANS OR SHOWN ON ELEVATIONS. SEE STEEL BEAM LEGEND.
   D. ALL BEAM REACTIONS, AXIAL FORCES AND MOMENTS SHOWN ACT CONCURRENTLY. UON, BEAM
   E. REACTIONS ACT IN GRAVITY DIRECTION WHILE AXIAL FORCES AND MOMENTS ARE TO BE CONSIDERED REVERSIBLE.
   F. WHERE NO AXIAL FORCE IS SHOWN, ALL BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM AXIAL FORCE EQUAL TO 5% OF THE FACTORED DEAD LOAD PLUS LIVE LOAD VERTICAL BEAM SHEAR. FOR THE PURPOSES OF DESIGNING FOR THIS MINIMUM AXIAL FORCE: THE VERTICAL BEAM SHEAR AND CORRESPONDING MINIMUM AXIAL FORCE NEED NOT BE CONSIDERED TO ACT CONCURRENTLY AND BEARING BOLTS IN CONNECTIONS WITH SHORT SLOTTED HOLES PARALLEL TO THE AXIAL FORCE ARE PERMITTED.
   G. EXCEPT WHERE "SNUG TIGHT" INSTALLATION IS SPECIFICALLY PERMITTED ON DRAWINGS OR "SLIP CRITICAL" DETAILING IS REQUIRED, ALL HIGH STRENGTH BOLTS SHALL BE INSTALLED AS FULL PRETENSIONED BOLTS.
   H. AT A MINIMUM ALL BOLTED MOMENT AND AXIAL CONNECTION SHALL HAVE PRETENSIONED BOLTS IN STANDARD HOLES.
   I. BOLTED MOMENT CONNECTIONS AT CANTILEVERS AND BACKSPANS SHALL USE SLIP CRITICAL BOLTS.
   J. DO NOT USE OVERSIZED OR SLOTTED HOLES FOR ANY CONNECTIONS UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR APPROVED IN WRITING BY THE SER.
10. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE STRUCTURAL WELDING CODE, ANSI/AWS D1.1, LATEST EDITION. ALL WELD SIZES SHALL BE THE LARGER OF THE SIZE REQUIRED BY CONNECTION FORCES, THE MINIMUM SIZE PER ANSI/AWS D1.1, OR 3/16 INCH MINIMUM FILLET WELD UON. ANY WELD SIZES SHOWN ON THE DESIGN DRAWINGS ARE CONSIDERED EFFECTIVE WELD SIZES AND SHALL BE INCREASED IN ACCORDANCE WITH AWS AS REQUIRED BY GAPS OR SKEWS BETWEEN COMPONENTS.
11. USE RUNOFF TABS AT ALL BEVEL AND COMPLETE JOINT PENETRATION WELDS. REMOVE RUNOFF TABS BY NEAT CUTS AFTER WELD IS COMPLETED. GRIND SMOOTH WHERE REQUIRED BY DETAIL.
12. WHERE REQUIRED BY DETAIL REMOVE WELD BACK UP BARS AND GRIND SMOOTH AFTER WELD IS COMPLETED.
13. FOR TRUSS DETAILING USE A MINIMUM BOLT SPACING OF 3.TIMES THE BOLT DIAMETER AND A MINIMUM EDGE DISTANCE OF 2 INCHES. ALSO REFER TO TYPICAL DETAILS.
14. DESIGN, DETAIL, FURNISH AND INSTALL STIFFENERS, CONTINUITY PLATES, DOUBLER PLATES, OR OTHER NECESSARY ADDITIONAL LOCAL STRENGTHENING MEASURES AS REQUIRED. MEMBER SIZES INDICATED ON THE DRAWINGS ARE BASED ON MEMBER BEHAVIOR AWAY FROM CONNECTIONS.

MASS TIMBER CONNECTIONS

1. ALL MASS TIMBER DETAILS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AWC "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION".
2. ALL CONNECTIONS, UNLESS INDICATED AS BEING COMPLETELY DESIGNED ON THE STRUCTURAL DRAWINGS, SHALL BE DESIGNED AND DETAILED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. THE DESIGN AND DETAILING SHALL COMPLY WITH ALL APPLICABLE CODES AND SPECIFICATION SECTIONS.
3. UNLESS OTHERWISE NOTED, DETAILS INDICATED ON DRAWINGS INDICATE GENERAL CRITERIA FOR DESIGN AND DETAILING OF CONNECTIONS. DETAILS INDICATED ON DRAWINGS ARE NOT INTENDED TO CONVEY COMPLETE CONNECTOR SIZES, PLATE SIZES, WELD SIZES, NUMBER OF BOLTS, OR ANY OTHER SPECIFIC INFORMATION THAT IS OBTAINED THROUGH DESIGNING OF AN INDIVIDUAL CONNECTION FOR A GIVEN SET OF LOADS. THESE DETAILS DO NOT SHOW ERECTION AIDS. PROVIDE ERECTION AIDS AS REQUIRED AND REMOVE THEM AFTER WORK IS COMPLETE.
4. SUBMIT CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS TO THE SER FOR REVIEW PRIOR TO REVIEW OF SHOP DRAWINGS. FOR BIDDING PURPOSES, WHERE NO MOMENT IS INDICATED ON DRAWINGS PROVIDE FULL MOMENT CAPACITY OF MEMBER (Fb x S) AND WHERE NO VERTICAL SHEAR IS INDICATED ON DRAWINGS PROVIDE FULL SHEAR CAPACITY (Fv x d x b).
5. ALTERNATE CONNECTIONS TO THOSE SHOWN ON DRAWINGS WILL ONLY BE CONSIDERED ACCEPTABLE IF CONTRACTOR FORMALLY SUBMITS ALTERNATES AND THE SER APPROVES THE SUBMITTAL.
6. FOR CONNECTION DESIGN AND DETAILING, SET CONNECTION WORK POINT AT INTERSECTION OF MEMBER CENTERLINES, UON.
7. DESIGN ALL CONNECTIONS FOR FORCES INDICATED ON THE DRAWINGS. CONNECTION DESIGN FORCES INDICATED ON THE DRAWINGS ARE UNFACTORED (ASD) UON.
8. USE NO MORE THAN TWO BOLT DIAMETERS, ALL BOLTS OF THE SAME DIAMETER SHALL BE OF THE SAME GRADE, SKIP ONE SIZE BETWEEN DIAMETERS. BOLTS TO BE A MINIMUM OF 3/4-INCH DIAMETER GRADE A325 OR AS COORDINATED WITH COMPLETELY DESIGNED CONNECTIONS.
9. BEAM CONNECTION DESIGN NOTES
   SEE PLANS AND ELEVATIONS FOR BEAM REACTIONS AND MOMENTS THAT ARE LARGER THAN THE VALUE SHOWN IN SCHEDULES.
   A. DEVELOP THE LARGER OF THE BEAM SHEAR REACTION SCHEDULED, SHOWN ON PLANS OR SHOWN ON ELEVATIONS.
   B. DEVELOP THE LARGER OF THE MOMENT SCHEDULED, SHOWN ON PLANS OR SHOWN ON ELEVATIONS.
   C. DEVELOP THE LARGER OF THE AXIAL FORCE DENOTED AS TF SHOWN ON PLANS OR SHOWN ON ELEVATIONS. SEE STEEL BEAM LEGEND.
   D. ALL BEAM REACTIONS, AXIAL FORCES AND MOMENTS SHOWN ACT CONCURRENTLY. UON, BEAM
   E. REACTIONS ACT IN GRAVITY DIRECTION WHILE AXIAL FORCES AND MOMENTS ARE TO BE CONSIDERED REVERSIBLE.
   F. WHERE NO AXIAL FORCE IS SHOWN, ALL BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM AXIAL FORCE EQUAL TO 5% OF THE FACTORED DEAD LOAD PLUS LIVE LOAD VERTICAL BEAM SHEAR. FOR THE PURPOSES OF DESIGNING FOR THIS MINIMUM AXIAL FORCE: THE VERTICAL BEAM SHEAR AND CORRESPONDING MINIMUM AXIAL FORCE NEED NOT BE CONSIDERED TO ACT CONCURRENTLY AND BEARING BOLTS IN CONNECTIONS WITH SHORT SLOTTED HOLES PARALLEL TO THE AXIAL FORCE ARE PERMITTED.
10. DESIGN, DETAIL, FURNISH AND INSTALL NECESSARY ADDITIONAL LOCAL STRENGTHENING MEASURES AS REQUIRED. MEMBER SIZES INDICATED ON THE DRAWINGS ARE BASED ON MEMBER BEHAVIOR AWAY FROM CONNECTIONS.

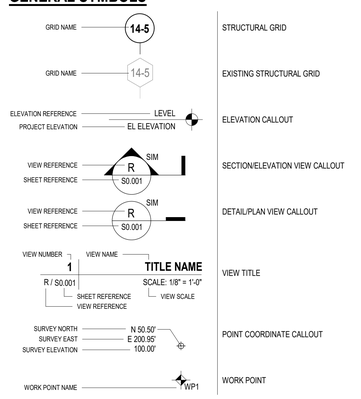
STRUCTURAL CODES AND STANDARDS

1. APPLICABLE BUILDING CODE:
   A. MAINE BUREAU OF BUILDING CODES AND STANDARDS
      a. MUBEC/ 642-3(21) MAINE UNIFORM BUILDING AND ENERGY CODE - COMMERCIAL BUILDING CODE OF MAINE AS AMENDED NOVEMBER 2021, WHICH ADOPTS THE 2015 INTERNATIONAL BUILDING CODE (IBC-2015) WITH MODIFICATIONS, AND THE MASS TIMBER PROVISIONS OF THE 2021 INTERNATIONAL BUILDING CODE (IBC-2021)
2. REFERENCED CODES AND STANDARDS
   A. AMERICAN CONCRETE INSTITUTE (ACI)
      a. ACI 318-14 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
      b. ACI 530-13 - BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
   B. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC

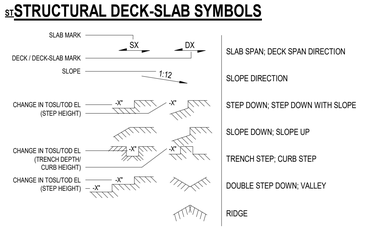
STRUCTURAL ABBREVIATIONS

#	NUMBER
&	AND
=	EQUAL, EQUALS
@	AT
A/C	AIR CONDITIONING
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ACIP	AUGER CAST-IN-PLACE PILE / AUGER CAST GROUT PILE
ADDL	ADDITIONAL
ADJ	ADJACENT
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISHED FLOOR
AH, AHU	AIR HANDLING UNIT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ALT	ALTERNATE
APA	AMERICAN PLYWOOD ASSOCIATION
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AT/FP	ANTI-TERRORISM / FORCE PROTECTION
AWC	AMERICAN WOOD COUNCIL
AWS	AMERICAN WELDING SOCIETY
BET	BETWEEN
BLDG	BUILDING
BLW	BELOW
BM	BEAM
BN	BOUNDARY NAIL
BOC	BOTTOM OF CONCRETE
BOD	BOTTOM OF DECK
BOF	BOTTOM OF FOOTING / FOUNDATION
BOPC	BOTTOM OF PILE CAP
BOT	BOTTOM
BRG	BEARING
C	CHANNEL
CANT	CANTILEVER / CANTILEVERED
CE	CARBON EQUIVALENT
CENT	CENTERED
CFMF	COLD-FORMED METAL FRAMING
CIP	CAST-IN-PLACE
CJ	CONTRACTION/CONSTRUCTION JOINT / CEILING JOIST
CJP	COMPLETE JOINT PENETRATION
CL	CENTERLINE
CLR	CLEAR
CLT	CROSS LAMINATED TIMBER
CMU	CONCRETE MASONRY UNIT / CONCRETE UNIT MASONRY
COL	COLUMN
CONC	REINFORCED CONCRETE
COND	CONDITION
CONN	CONNECT / CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS, CONTINUED
CONTR	CONTRACTOR
COORD	COORDINATE
COR	CORNER
CWB	CAPILLARY WATER BARRIER
D	DEEP / DEPTH
db	REINFORCING BAR DIAMETER
DEG	DEGREE
DEG-F	DEGREES FAHRENHEIT
DEM	DEMOLISH / DEMOLITION
DEP	DEPRESSED
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DL	DEAD LOAD, DIMENSION LUMBER
DO	DITTO
DOR	DESIGNER
D-SW	DEAD LOAD - SELF-WEIGHT
D-SDL	DEAD LOAD - SUPERIMPOSED
DT	DRAG TRUSS
DWG(S)	DRAWING(S)
DWL	DOWEL
E	EAST / SEISMIC LOAD
EA	EACH
EF	EACH FACE
ELEC	ELECTRICAL
ELEV	ELEVATION
EMBED	EMBEDMENT, EMBEDDED
EN	EDGE NAIL
EQN	EQUATION
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EXIST, (e)	EXISTING
EXT	EXTERNAL / EXTERIOR
EOR	ENGINEER OF RECORD
F	FLOOD LOAD
f'c	SPECIFIED MINIMUM COMPRESSIVE STRESS
FF	FAR FACE
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FJ	FLOOR JOIST
FMG	FRAMING
FN	FIELD NAIL
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FS	FAR SIDE
FT, '	FOOT
FTG	FOOTING
Fy	SPECIFIED MINIMUM YIELD STRESS
GA	GAGE
GLB	GLUE LAMINATED (GLULAM) BEAM
GLC	GLUE LAMINATED (GLULAM) COLUMN
GT	GIRDER TRUSS
GUSS	GUSSET
GYP BD	GYPSUM BOARD
H	LATERAL SOIL / EARTH LOAD
HD	HOLD DOWN
HDR	HEADER
HGR	HANGER
HK	HOOK
HORIZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT, HEAVY TIMBER
HVAC	HEATING / VENTILATION / AIR CONDITIONING
I	SECOND AREA MOMENT OF INERTIA / ICE LOAD
IBC	INTERNATIONAL BUILDING CODE
ICF	INSULATED CONCRETE FORM
ID	INSIDE DIAMETER
IJ	ISOLATION JOINT
IN, "	INCH
INCL	INCLUDE
INFO	INFORMATION
INS	INSULATED / INSULATION
JST	JOIST
K, KIP(S)	THOUSAND POUNDS
KIP-FT	THOUSAND POUND-FEET (MOMENT / TORQUE)
KSI	THOUSAND POUNDS PER SQUARE INCH
L	LENGTH / ANGLE / LIVE LOAD
LAST	LOWEST ANTICIPATED SERVICE TEMPERATURE
LB	POUND
LB-FT	POUND-FEET (MOMENT / TORQUE)
Ld	TENSION DEVELOPMENT LENGTH FOR STRAIGHT BARS
Ldc	COMPRESSION DEVELOPMENT LENGTH FOR STRAIGHT BARS
Ldh	TENSION DEVELOPMENT LENGTH FOR STANDARD HOOKS
LFRS	LATERAL FORCE RESISTING SYSTEM
LG	LONG
LGMF	LIGHT-GAGE METAL FRAMING / COLD-FORMED METAL FRAMING
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATE / LOCATION
LONG	LONGITUDINAL
LP	LOW POINT
Lr	ROOF LIVE LOAD
Lst	TENSION SPLICE LENGTH
Lsc	COMPRESSION SPLICE LENGTH
LW	LIGHT-WEIGHT
MAS	MASONRY
MAX	MAXIMUM
MB	MACHINE BOLT
MBR	MEMBER
MECH	MECHANICAL
MED	MEDIUM
MEP(FP)	MECHANICAL, ELECTRICAL, PLUMBING, (FIRE PROTECTION)
MEZZ	MEZZANINE
MF	MOMENT FRAME
MFG	MANUFACTURING
MFR	MANUFACTURER
MIN	MINIMUM
MO	MASONRY OPENING
MOD	MODIFY / MODIFIED
N	NORTH
N/A	NOT APPLICABLE
NF	NEAR FACE
NOM	NOMINAL
NS	NEAR SIDE
OC	ON CENTER
OCS	OVERHEAD CATENARY SUPPORT
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND / OVERHEAD
OPNG	OPEN / OPENING
OWSJ	OPEN WEB STEEL JOIST
P/C	PIN CONNECTED
PAR	PARALLEL
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCRS	PROGRESSIVE COLLAPSE RESISTING SYSTEM
PEN	PENETRATION
PEMB	PRE-ENGINEERED METAL BUILDING
PFJ	PERIMETER FELT JOINT
PL	PLATE
PLYWD	PLYWOOD
PNL	PANEL
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED / POINT / PRETENSIONED
REINF	REINFORCING / REINFORCED
REQ	REQUIRED
RET	RETURN / RETAINING
REV	REVISION / REVISED
RF	ROOF
RFT	RAFTER
RPM	REVOLUTIONS PER MINUTE
RS	ROUGH SAWN
RT	ROOF TRUSS
S	SECTION MODULUS / SOUTH / SLOPING OR SLOPE / SNOW LOAD
SC	SLIP CRITICAL
SCBRW	SEGMENTAL BLOCK RETAINING WALL
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SECT	SECTION
SEIS	SEISMIC
SEOR	STRUCTURAL ENGINEER OF RECORD
SEP	SEPARATION
SFRS	SEISMIC FORCE RESISTING SYSTEM
SHT	SHEET
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SMS	SHEET METAL SCREW
SOG	SLAB-ON-GROUND
SPEC(S)	SPECIFICATION(S)
SPRT	SUPPORT
SQ	SQUARE
SS	STAINLESS STEEL
STA	STATION
STRUCT	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SYM	SYMMETRICAL
T	SELF-STRAINING LOAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
THK	THICK / THICKNESS
TL	TOTAL LOAD
TN	TOE NAIL
TMS	THE MASONRY SOCIETY
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOCM	TOP OF CONCRETE MASONRY
TOF	TOP OF FOOTING / FOUNDATION
TOGB	TOP OF GRADE BEAM
TOS	TOP OF STEEL
TOSL	TOP OF SLAB
TOW	TOP OF WALL
TYP	TYPICAL
UON/UNO	UNLESS OTHERWISE NOTED
VB	VAPOR BARRIER
VERT	VERTICAL
VIF	(CONTRACTOR MUST) VERIFY IN FIELD
W	WIDTH / WEST / WIDE FLANGE / WIND LOAD
w/	WITH
WF	WIDE FLANGE
WFRS	WIND FORCE RESISTING SYSTEM
WPT	WORKING POINT
WT	WEIGHT / TEE SECTION
WWR, WWF	WELDED WIRE REINFORCEMENT / WELDED WIRE FABRIC
x	BY / TIMES
⊥	PERPENDICULAR
∥	PARALLEL

GENERAL SYMBOLS

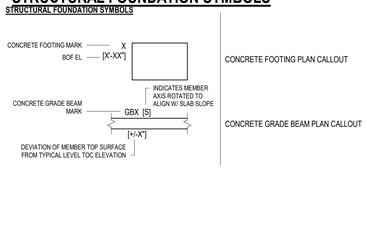


ST2 STRUCTURAL DECK-SLAB SYMBOLS

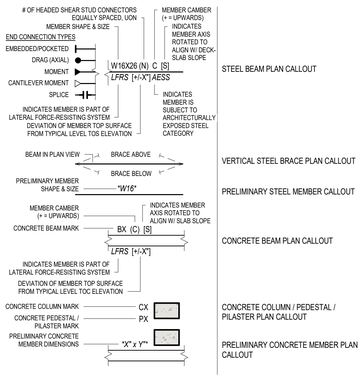


STRUCTURAL FOUNDATION SYMBOLS

STRUCTURAL FOUNDATION SYMBOLS



STRUCTURAL FRAMING SYMBOLS



DEVELOPMENT LENGTH FOR STRAIGHT DEFORMED BARS IN TENSION

5000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	CASE 1A/1B[1] TOP[2] Ld (IN)	CASE 1A/1B[1] ALL OTHER Ld (IN)	CASE 2[1] TOP[2] Ld (IN)	CASE 2[1] ALL OTHER Ld (IN)
# 3	17	13	25	20
# 4	23	17	34	26
# 5	28	22	42	32
# 6	34	26	50	39
# 7	49	38	73	56
# 8	56	43	83	64
# 9	63	48	94	72
# 10	71	54	106	81
# 11	78	60	117	90
# 14	94	72	141	108
# 18	125	96	187	144

DEVELOPMENT LENGTH FOR STANDARD HOOKS IN TENSION

5000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	CONFINED[3] Ldh (IN)	ALL OTHER Ldh (IN)
# 3	6	7
# 4	6	9
# 5	8	11
# 6	9	13
# 7	11	15
# 8	12	17
# 9	14	20
# 10	16	22
# 11	17	24
# 14	29	29
# 18	39	39

DEVELOPMENT LENGTH FOR STRAIGHT DEFORMED BARS IN COMPRESSION

5000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	CONFINED[4] Ldc (IN)	ALL OTHER Ldc (IN)
# 3	6	7
# 4	7	9
# 5	9	11
# 6	11	13
# 7	12	15
# 8	14	17
# 9	16	20
# 10	18	22
# 11	20	24
# 14	23	29
# 18	31	39

CLASS B LAP SPLICE LENGTH FOR STRAIGHT DEFORMED BARS IN TENSION

5000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	CASE 1A/1B[3] TOP[2] Lst (IN)	CASE 1A/1B[3] ALL OTHER Lst (IN)	CASE 2[2] TOP[2] Lst (IN)	CASE 2[2] ALL OTHER Lst (IN)
# 3	22	17	33	25
# 4	29	23	44	34
# 5	36	28	54	42
# 6	44	34	65	50
# 7	63	49	95	73
# 8	72	56	108	83
# 9	81	63	122	94
# 10	92	71	137	106
# 11	102	78	152	117
# 14	NOT PERMITTED		NOT PERMITTED	
# 18	NOT PERMITTED		NOT PERMITTED	

LAP SPLICE LENGTH FOR STRAIGHT DEFORMED BARS IN COMPRESSION

5000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	ALL BARS Lsc (IN)
# 3	12
# 4	15
# 5	19
# 6	23
# 7	27
# 8	30
# 9	34
# 10	39
# 11	43
# 14	NOTE 4
# 18	NOTE 4

DEVELOPMENT LENGTH FOR STRAIGHT DEFORMED BARS IN TENSION

4000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	CASE 1A/1B[1] TOP[2] Ld (IN)	CASE 1A/1B[1] ALL OTHER Ld (IN)	CASE 2[1] TOP[2] Ld (IN)	CASE 2[1] ALL OTHER Ld (IN)
# 3	19	15	28	22
# 4	25	19	38	29
# 5	31	24	47	36
# 6	38	29	56	43
# 7	54	42	81	63
# 8	62	48	93	72
# 9	70	54	105	81
# 10	79	61	118	91
# 11	88	67	131	101
# 14	105	81	157	121
# 18	140	108	209	161

DEVELOPMENT LENGTH FOR STANDARD HOOKS IN TENSION

4000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	CONFINED[3] Ldh (IN)	ALL OTHER Ldh (IN)
# 3	6	8
# 4	7	10
# 5	9	12
# 6	10	15
# 7	12	17
# 8	14	19
# 9	15	22
# 10	17	25
# 11	19	27
# 14	33	33
# 18	43	43

DEVELOPMENT LENGTH FOR STRAIGHT DEFORMED BARS IN COMPRESSION

4000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	CONFINED[4] Ldc (IN)	ALL OTHER Ldc (IN)
# 3	6	8
# 4	8	10
# 5	10	12
# 6	12	15
# 7	14	17
# 8	15	19
# 9	17	22
# 10	20	25
# 11	22	27
# 14	26	33
# 18	34	43

CLASS B LAP SPLICE LENGTH FOR STRAIGHT DEFORMED BARS IN TENSION

4000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	CASE 1A/1B[3] TOP[2] Lst (IN)	CASE 1A/1B[3] ALL OTHER Lst (IN)	CASE 2[2] TOP[2] Lst (IN)	CASE 2[2] ALL OTHER Lst (IN)
# 3	25	19	37	28
# 4	33	25	49	38
# 5	41	31	61	47
# 6	49	38	73	56
# 7	71	54	106	81
# 8	81	62	121	93
# 9	91	70	136	105
# 10	102	79	153	118
# 11	114	88	170	131
# 14	NOT PERMITTED		NOT PERMITTED	
# 18	NOT PERMITTED		NOT PERMITTED	

LAP SPLICE LENGTH FOR STRAIGHT DEFORMED BARS IN COMPRESSION

4000 PSI NORMAL-WEIGHT CONCRETE
UNCOATED, GALVANIZED & STAINLESS GRADE 60

DEFORMED BAR SIZE	ALL BARS Lsc (IN)
# 3	12
# 4	15
# 5	19
# 6	23
# 7	27
# 8	30
# 9	34
# 10	39
# 11	43
# 14	NOTE 4
# 18	NOTE 4

DEVELOPMENT LENGTH SCHEDULE NOTES:

1. CASES FOR STRAIGHT BARS IN TENSION ARE DEFINED AS FOLLOWS:
   - CASE 1A: - CLEAR SPACING, CS, BETWEEN BARS BEING DEVELOPED OF LAP SPLICED IS GREATER THAN OR EQUAL TO BAR DIAMETER - CLEAR COVER, CC, IS GREATER THAN OR EQUAL TO BAR DIAMETER STIRRUPS OR TIES THROUGH Ldh ARE PRESENT AND NOT LESS THAN CODE MINIMUM
   - CASE 1B: - CLEAR SPACING, CS, BETWEEN BARS BEING DEVELOPED OR LAP SPLICED IS GREATER THAN OR EQUAL TO TWICE BAR DIAMETER - CLEAR COVER, CC, IS GREATER THAN OR EQUAL TO BAR DIAMETER
   - CASE 2: ALL OTHER CASES
2. "TOP" STRAIGHT BARS IN TENSION ARE DEFINED AS HORIZONTAL REINFORCING BARS WITH MORE THAN 12 INCHES OF FRESH CONCRETE PLACED BELOW Ldh OR Lts.
3. "CONFINED" STANDARD HOOKS IN TENSION ARE DEFINED AS FOLLOWS:
   A. 90-DEGREE HOOKS OF #11 AND SMALLER BARS THAT ARE (1) ENCLOSED ALONG Ldh WITHIN TIES OR STIRRUPS PERPENDICULAR TO Ldh AT A SPACING LESS THAN OR EQUAL TO 3 BAR DIAMETERS; OR (2) ENCLOSED ALONG Lext BEYOND HOOK, INCLUDING THE BEND WITHIN TIES OR STIRRUPS PERPENDICULAR TO Lext AT A SPACING OF LESS THAN OR EQUAL TO 3 BAR DIAMETERS.
   B. 180-DEGREE HOOKS OF #11 AND SMALLER BARS THAT ARE ENCLOSED ALONG Ldh WITHIN TIES OR STIRRUPS PERPENDICULAR TO Ldh AT A SPACING LESS THAN OR EQUAL TO 3 BAR DIAMETERS.
4. "CONFINED" STRAIGHT BARS IN COMPRESSION ARE DEFINED AS THOSE ENCLOSED WITH (1) A SPIRAL; (2) A CIRCULAR CONTINUOUSLY WOUND TIE, #4 OR LARGER AT A PITCH OF 4 INCHES; (3) A CLOSED TIE, #4 OR GREATER AT A SPACING OF LESS THAN OR EQUAL TO 4 INCHES; OR (4) HOOPS AT A SPACING OF LESS THAN OR EQUAL TO 4 INCHES.

LAP SPLICE LENGTH SCHEDULE NOTES:

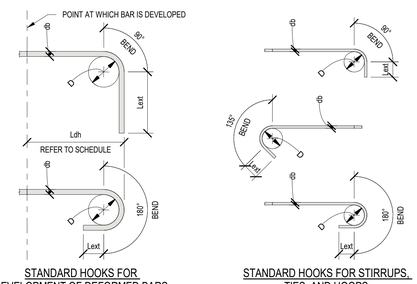
1. UNLESS OTHERWISE NOTED, FOR ALL LAP SPLICES USE CLASS B LAP SPLICE LENGTH FOR STRAIGHT BARS IN TENSION.
2. CASES FOR STRAIGHT BARS IN TENSION AND "TOP" STRAIGHT BARS IN TENSION ARE AS DEFINED FOR DEVELOPMENT OF REINFORCEMENT.
3. WHERE BARS OF DIFFERENT SIZE ARE LAPPED IN TENSION, Lst MUST BE THE GREATER OF Ld FOR THE LARGER BAR AND Lst OF THE SMALLER BAR.
4. COMPRESSION LAP SPLICES OF BARS LARGER THAN #11 ARE PERMITTED ONLY WHEN SPLICED WITH #11 BARS OR SMALLER, AS PER NOTE 5.
5. WHERE BARS OF DIFFERENT SIZES ARE LAPPED IN COMPRESSION, Lsc MUST BE THE GREATER OF Ldc OF THE LARGER BAR AND Lsc OF THE SMALLER BAR.

STANDARD HOOK GEOMETRY FOR DEVELOPMENT OF DEFORMED BARS IN TENSION

DEFORMED BAR SIZE	90-DEGREE HOOK D (IN)	90-DEGREE HOOK Lext (IN)	180-DEGREE HOOK D (IN)	180-DEGREE HOOK Lext (IN)
# 3	2.25	4.5	2.25	2.5
# 4	3	6	3	2.5
# 5	3.75	7.5	3.75	2.5
# 6	4.5	9	4.5	3
# 7	5.25	10.5	5.25	3.5
# 8	6	12	6	4
# 9	9.25	13.75	9.25	4.75
# 10	10.25	15.25	10.25	5.25
# 11	11.5	17	11.5	5.75
# 14	17	20.5	17	7
# 18	22.75	27.25	22.75	9.25

STANDARD HOOK GEOMETRY FOR STIRRUPS, TIES, AND HOOPS

DEFORMED BAR SIZE	90-DEGREE HOOK D (IN)	90-DEGREE HOOK Lext (IN)	135-DEGREE HOOK D (IN)	135-DEGREE HOOK Lext (IN)	180-DEGREE HOOK D (IN)	180-DEGREE HOOK Lext (IN)
# 3	1.5	3	1.5	3	1.5	2.5
# 4	2	3	2	3	2	2.5
# 5	2.5	3.75	2.5	3.75	2.5	2.5
# 6	4.5	9	4.5	4.5	4.5	3
# 7	5.25	10.5	5.25	5.25	5.25	3.5
# 8	6	12	6	6	6	4



STANDARD HOOK NOTES:

1. FOR STANDARD HOOKS FOR DEVELOPMENT OF DEFORMED BARS IN TENSION:
   A. MINIMUM INSIDE BEND DIAMETER, D = 6db FOR #3 THROUGH #8 BARS; D = 8db FOR #9 THROUGH #11 BARS; AND D = 10db FOR #14 AND #18 BARS.
   B. STRAIGHT EXTENSION, Lext = 12db FOR 90-DEGREE BENDS; AND Lext = THE GREATER OF 4db AND 2.5 INCHES FOR 180-DEGREE BENDS.
2. FOR STANDARD HOOKS FOR STIRRUPS, TIES, AND HOOPS:
   A. MINIMUM INSIDE BEND DIAMETER, D = 4db FOR #3 THROUGH #5 BARS; AND D = 6db FOR #6 THROUGH #8 BARS.
   B. STRAIGHT EXTENSION FOR 90-DEGREE HOOKS, Lext = THE GREATER OF 6db AND 3 INCHES FOR #3 THROUGH #5 BARS; AND Lext = 12db FOR #6 THROUGH #8 BARS.
   C. STRAIGHT EXTENSION FOR 135-DEGREE HOOKS, Lext = THE GREATER OF 6db AND 3 INCHES.
   D. STRAIGHT EXTENSION FOR 180-DEGREE HOOKS, Lext = THE GREATER OF 4db AND 2.5 INCHES.
3. IT IS PERMITTED TO USE A LONGER STRAIGHT EXTENSION LENGTH THAN THE MINIMUM ABOVE.

DEVELOPMENT LENGTH & LAP SPLICE LENGTH FOR STRAIGHT DEFORMED BARS IN GROUTED CLAY OR CONCRETE MASONRY

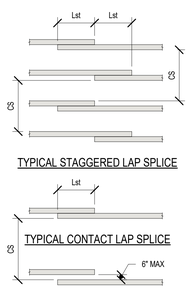
2000 PSI MASONRY ASSEMBLAGE
UNCOATED & GALVANIZED GRADE 60 STEEL

DEFORMED BAR SIZE	DEVELOPMENT LENGTH Ld (IN)	LAP SPLICE LENGTH Ls (IN)
# 3	17	17
# 4	30	30
# 5	46	46
# 6	86	86
# 7	116	116
# 8	175	175
# 9	223	223

EQUIVALENT EMBEDMENT LENGTH FOR STANDARD HOOKS IN TENSION IN GROUTED CLAY OR CONCRETE MASONRY

2000 PSI MASONRY ASSEMBLAGE
UNCOATED & GALVANIZED GRADE 60 STEEL

DEFORMED BAR SIZE	Le (IN)
# 3	5
# 4	7
# 5	9
# 6	10
# 7	12
# 8	13
# 9	15



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18474 — 6/4/24 — LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

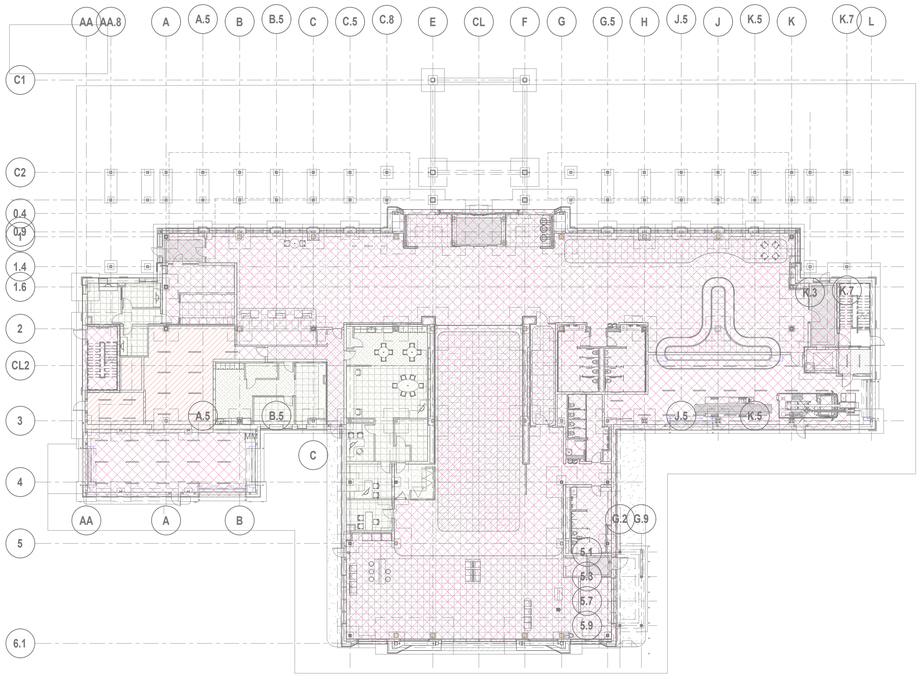
SHEET TITLE:
GENERAL STRUCTURAL NOTES, DESIGN LOADS & ABBREVIATIONS
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

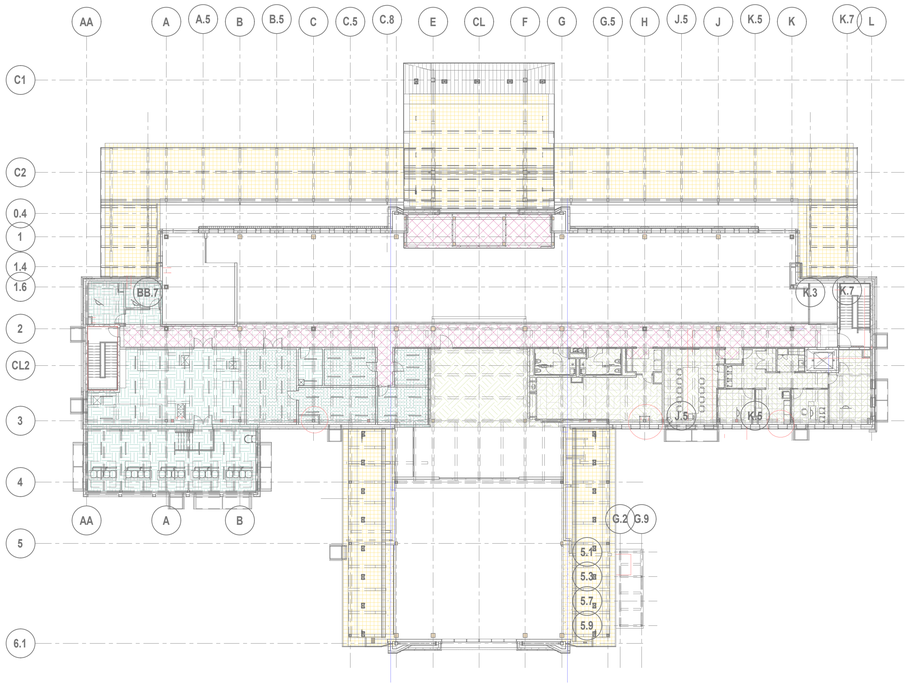
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

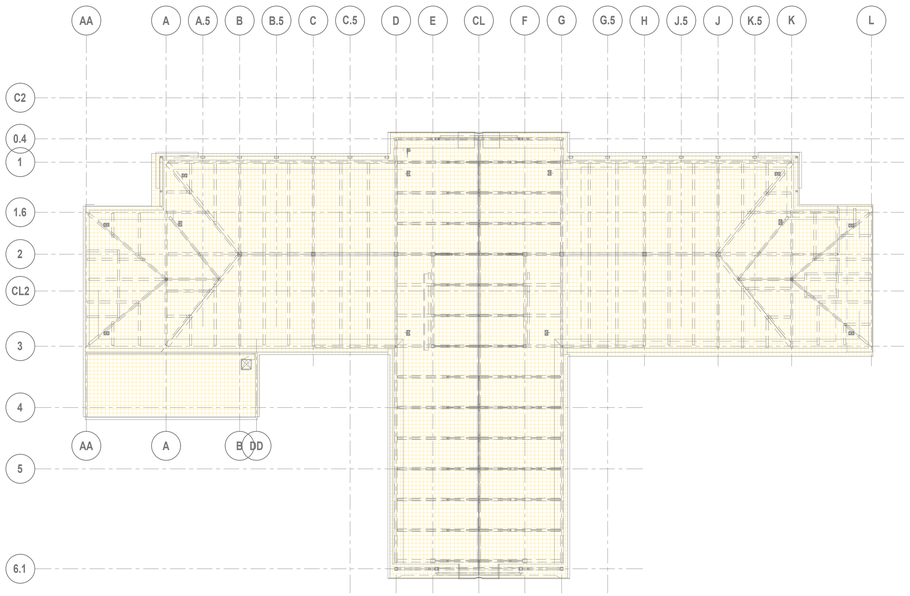
SHEET NUMBER:
S0.003



1 | LEVEL 1 LOADING PLAN
1 / S1.501 | SCALE: 1" = 20'-0"



2 | LEVEL 2 LOADING PLAN
1 / S1.501 | SCALE: 1" = 20'-0"



3 | ROOF LOADING PLAN
2 / S2.101 | SCALE: 1" = 20'-0"

LOCATION/USE	PATTERN	D-SDL (PSF)	L / Lr (PSF)
PUBLIC SPACES		35	100
STORAGE		15	150
OFFICES		35	50
MECHANICAL		35	100
ROOF		25	20

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INDIVIDUAL
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
STRUCTURAL DESIGN LOAD DIAGRAMS - DEAD, LIVE, SNOW

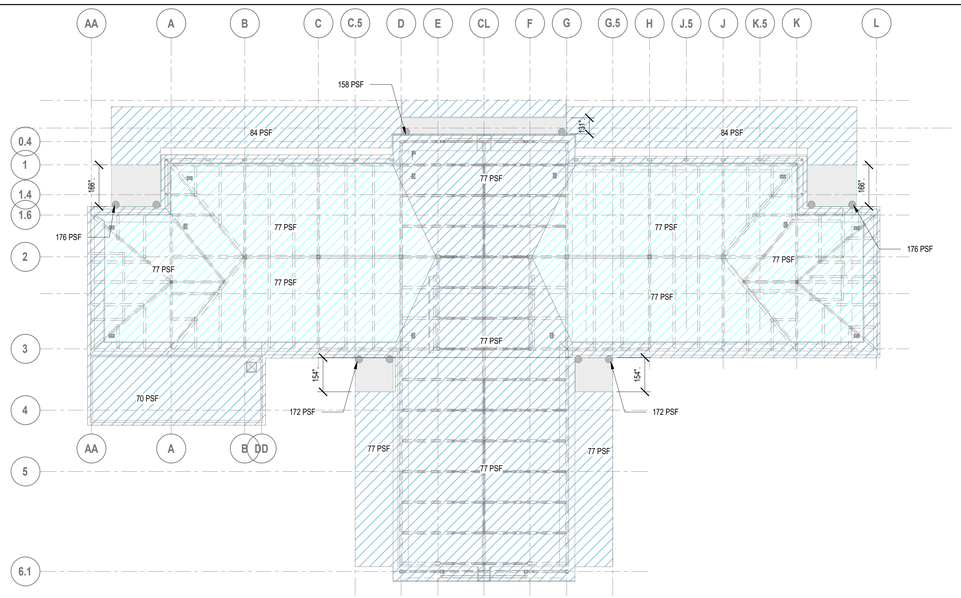
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

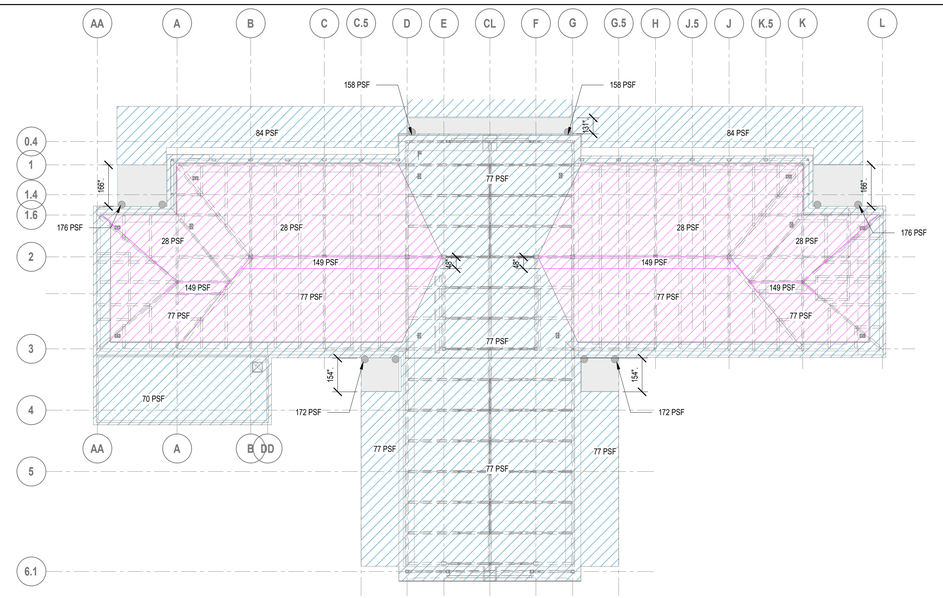
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S0.050



1 BALANCED ROOF SNOW LOADING PLAN
2 / S2.101 SCALE: 1" = 20'-0"



NOTE: DRIFT ON SOUTH SIDE SHOWN; NORTH SIDE DRIFT CONDITION SIMILAR

2 UNBALANCED ROOF WIND LOADING PLAN
2 / S2.101 SCALE: 1" = 20'-0"

LEGEND

- XX / X'-X" — SNOW DRIFT MAGNITUDE IN PSF (DRIFT + UNIFORM SNOW LOAD); SNOW DRIFT WIDTH
- BALANCED SLOPED SNOW LOAD XX PSF
- UNIFORM ROOF SNOW LOAD 22 PSF

LEGEND

- UNBALANCED LOAD AREAS
- UNIFORM LOAD AREAS
- STEP LOAD AREAS
- LOCATION OF PEAK STEP LOAD
- LOAD ALONG PEAK OF RIDGE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18477 — 6/4/24 — LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
STRUCTURAL DESIGN LOAD DIAGRAMS - SNOW LOAD

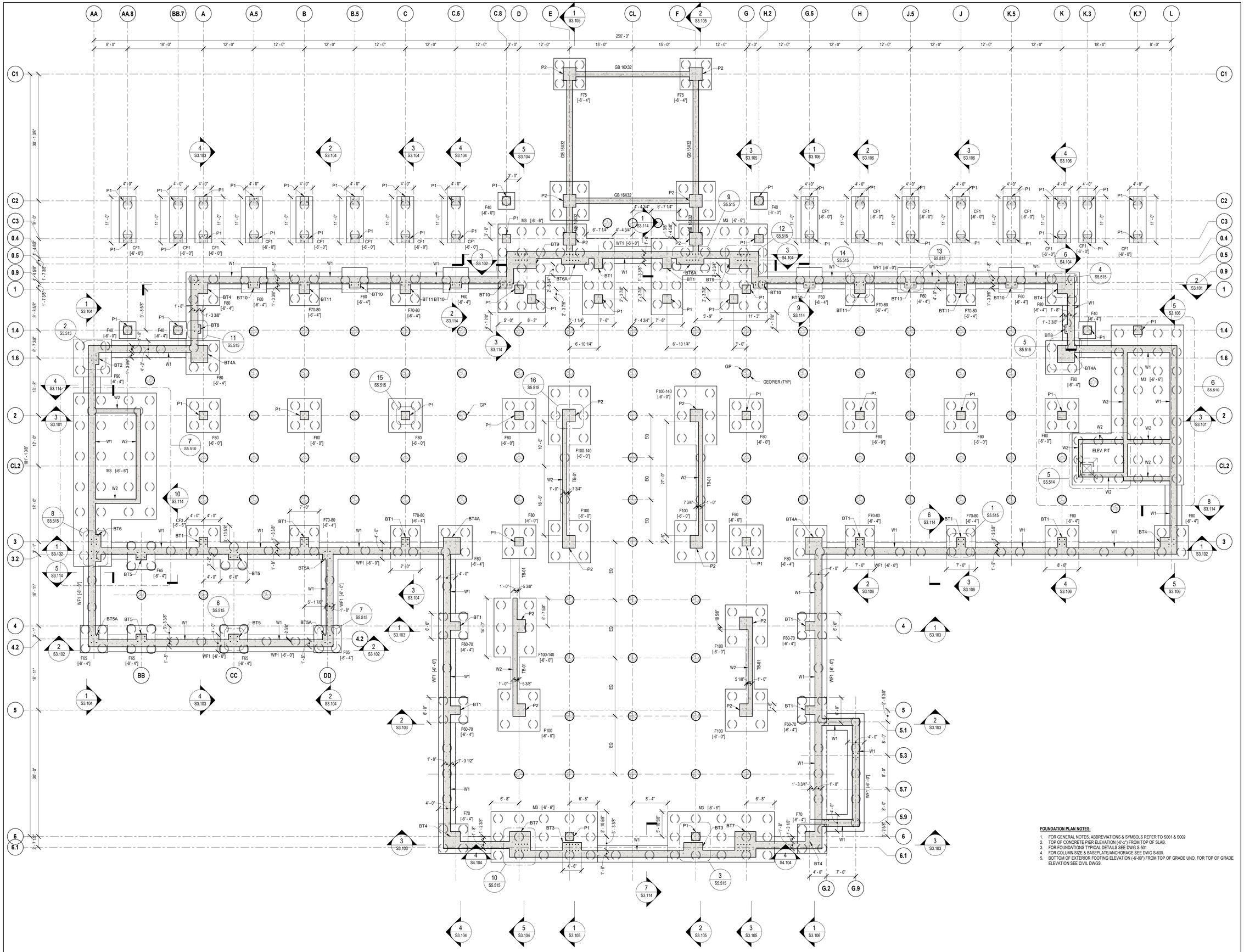
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S0.051



FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES:

1. FOR GENERAL NOTES, ABBREVIATIONS & SYMBOLS REFER TO S001 & S002
2. TOP OF CONCRETE PIER ELEVATION (-0'-x") FROM TOP OF SLAB.
3. FOR FOUNDATIONS TYPICAL DETAILS SEE DWG S-501
4. FOR COLUMN SIZE & BASEPLATE/ANCHORAGE SEE DWG S-600.
5. BOTTOM OF EXTERIOR FOOTING ELEVATION (-6'-00") FROM TOP OF GRADE UNO. FOR TOP OF GRADE ELEVATION SEE CIVIL DWGS.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
10474
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
FOUNDATION PLAN

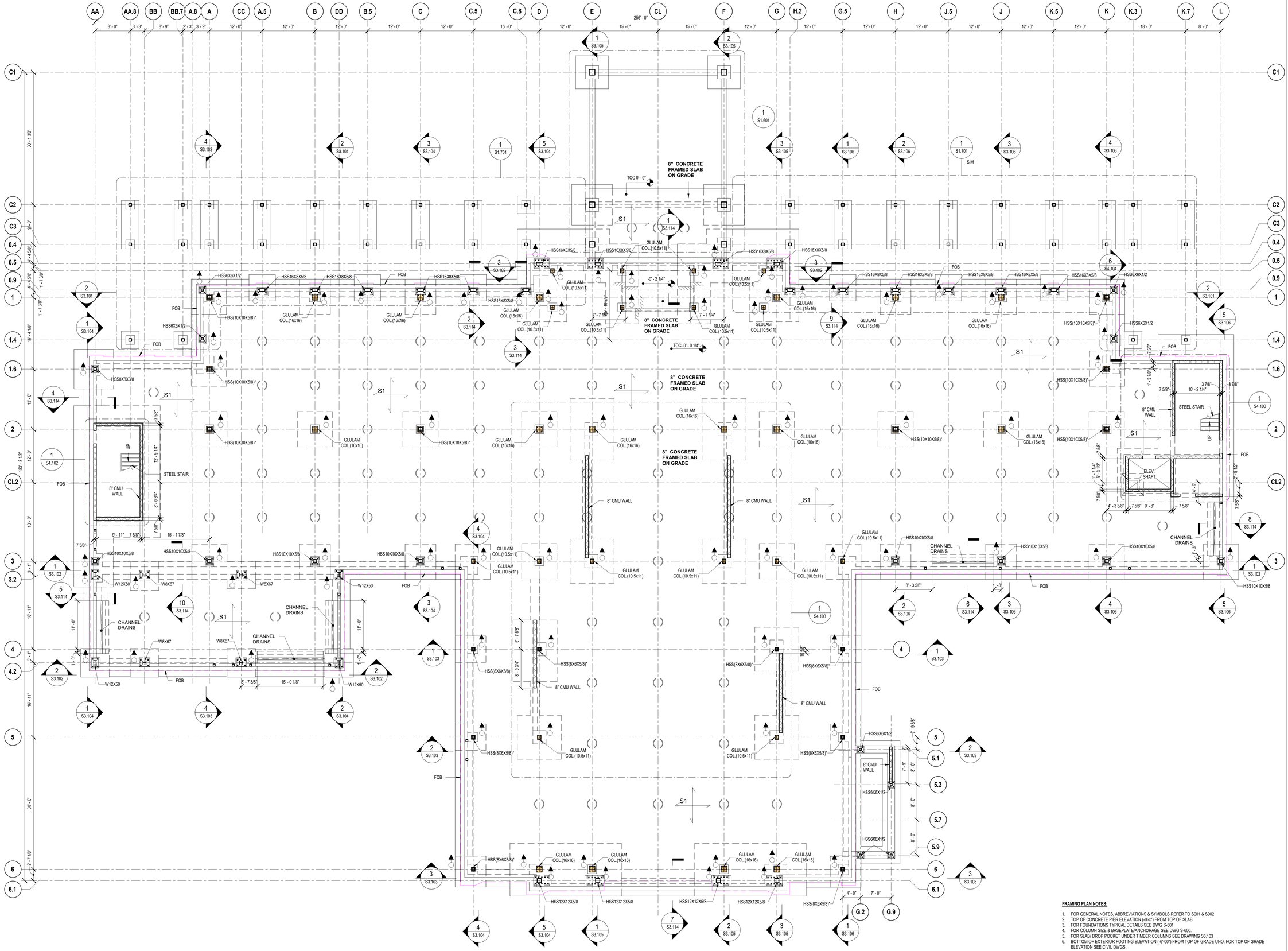
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S1.100



LEVEL 1 FRAMING PLAN

SCALE: 1/8" = 1'-0"

FRAMING PLAN NOTES:

1. FOR GENERAL NOTES, ABBREVIATIONS & SYMBOLS REFER TO S001 & S002
2. TOP OF CONCRETE PIER ELEVATION (-0"-x") FROM TOP OF SLAB.
3. FOR FOUNDATIONS TYPICAL DETAILS SEE DWG S-501
4. FOR COLUMN SIZE & BASEPLATE/ANCHORAGE SEE DWG S-600.
5. FOR SLAB/ DROP POCKET UNDER TIMBER COLUMNS SEE DRAWING S6.103
6. BOTTOM OF EXTERIOR FOOTING ELEVATION (-6'-00") FROM TOP OF GRADE UNO. FOR TOP OF GRADE ELEVATION SEE CIVIL DWGS.

LEGEND:

S1 - 8" STRUCTURAL CONCRETE SLAB F'C=5000 PSI W/ #5@8" TOP AND BOTTOM BOTH WAYS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

STATE OF MAINE
MOSTAFA ELMORSI
INDIVIDUAL
18477
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 FRAMING PLAN

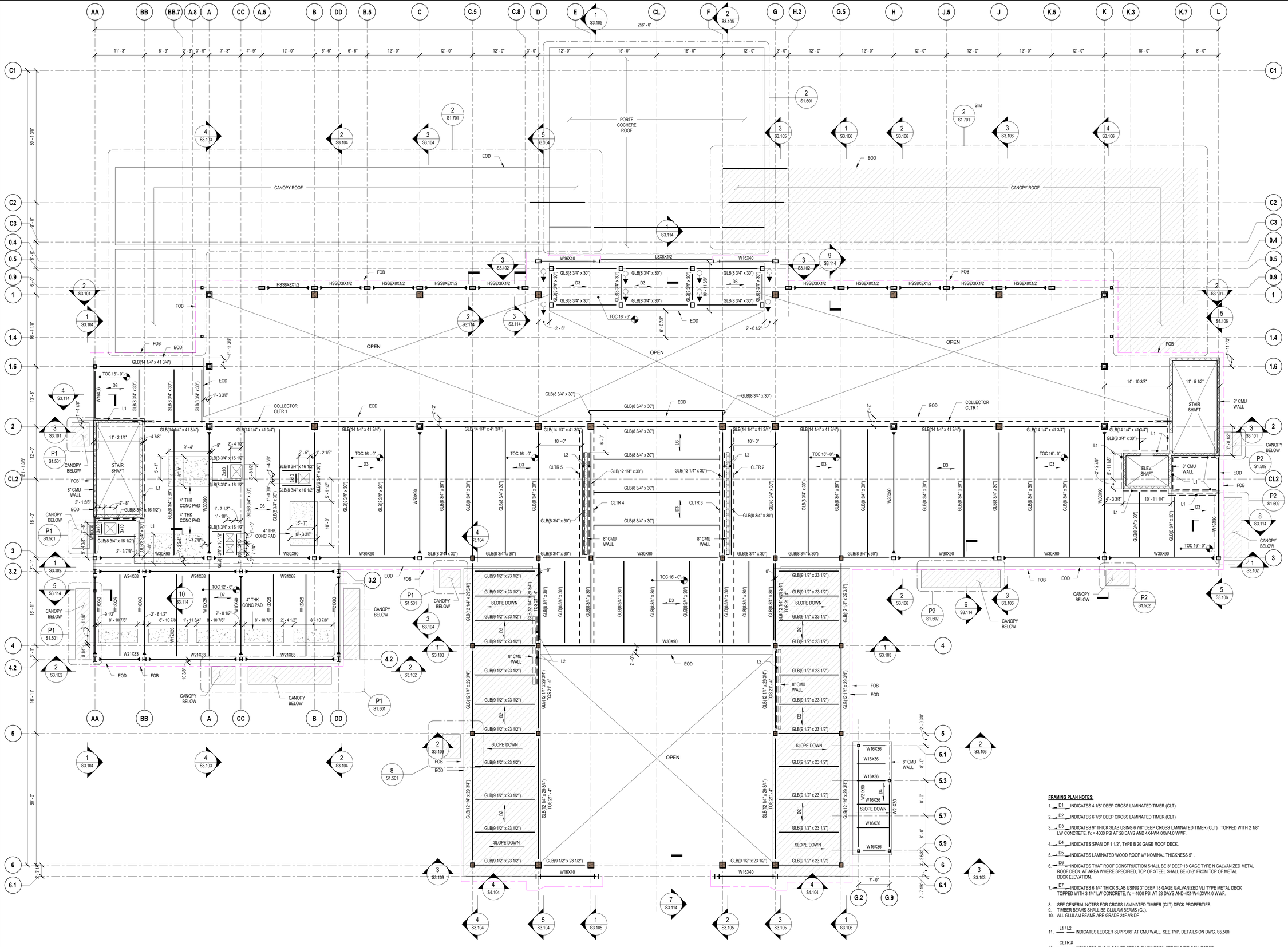
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S1.101



LEVEL 2 FRAMING PLAN

SCALE: 1/8" = 1'-0"

FRAMING PLAN NOTES:

1. D1 INDICATES 4 1/8" DEEP CROSS LAMINATED TIMER (CLT)
2. D2 INDICATES 6 7/8" DEEP CROSS LAMINATED TIMER (CLT)
3. D3 INDICATES 9" THICK SLAB USING 6 7/8" DEEP CROSS LAMINATED TIMER (CLT) TOPPED WITH 2 1/8" LW CONCRETE, f'c = 4000 PSI AT 28 DAYS AND 4X4-W4.0XW4.0 WWF.
4. D4 INDICATES SPAN OF 1 1/2", TYPE B 20 GAGE ROOF DECK.
5. D5 INDICATES LAMINATED WOOD ROOF W/ NOMINAL THICKNESS 5" .
6. D6 INDICATES THAT ROOF CONSTRUCTION SHALL BE 3" DEEP 18 GAGE TYPE N GALVANIZED METAL ROOF DECK. AT AREA WHERE SPECIFIED, TOP OF STEEL SHALL BE -0'-3" FROM TOP OF METAL DECK ELEVATION.
7. D7 INDICATES 6 1/4" THICK SLAB USING 3" DEEP 18 GAGE GALVANIZED VLI TYPE METAL DECK TOPPED WITH 3 1/4" LW CONCRETE, f'c = 4000 PSI AT 28 DAYS AND 4X4-W4.0XW4.0 WWF.
8. SEE GENERAL NOTES FOR CROSS LAMINATED TIMBER (CLT) DECK PROPERTIES.
9. TIMBER BEAMS SHALL BE GLULAM BEAMS (GL).
10. ALL GLULAM BEAMS ARE GRADE 24F-V8 DF
11. L1 / L2 INDICATES LEDGER SUPPORT AT CMU WALL. SEE TYP. DETAILS ON DWG. S5.560.
12. CLTR # INDICATES CMS12 COILED STRAP BY SIMPSON STRONG TIE COLLECTOR. SEE TYP. DETAILS ON DWG. S5.560.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18474 — LICENSED PROFESSIONAL ENGINEER — 6/4/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 FRAMING PLAN

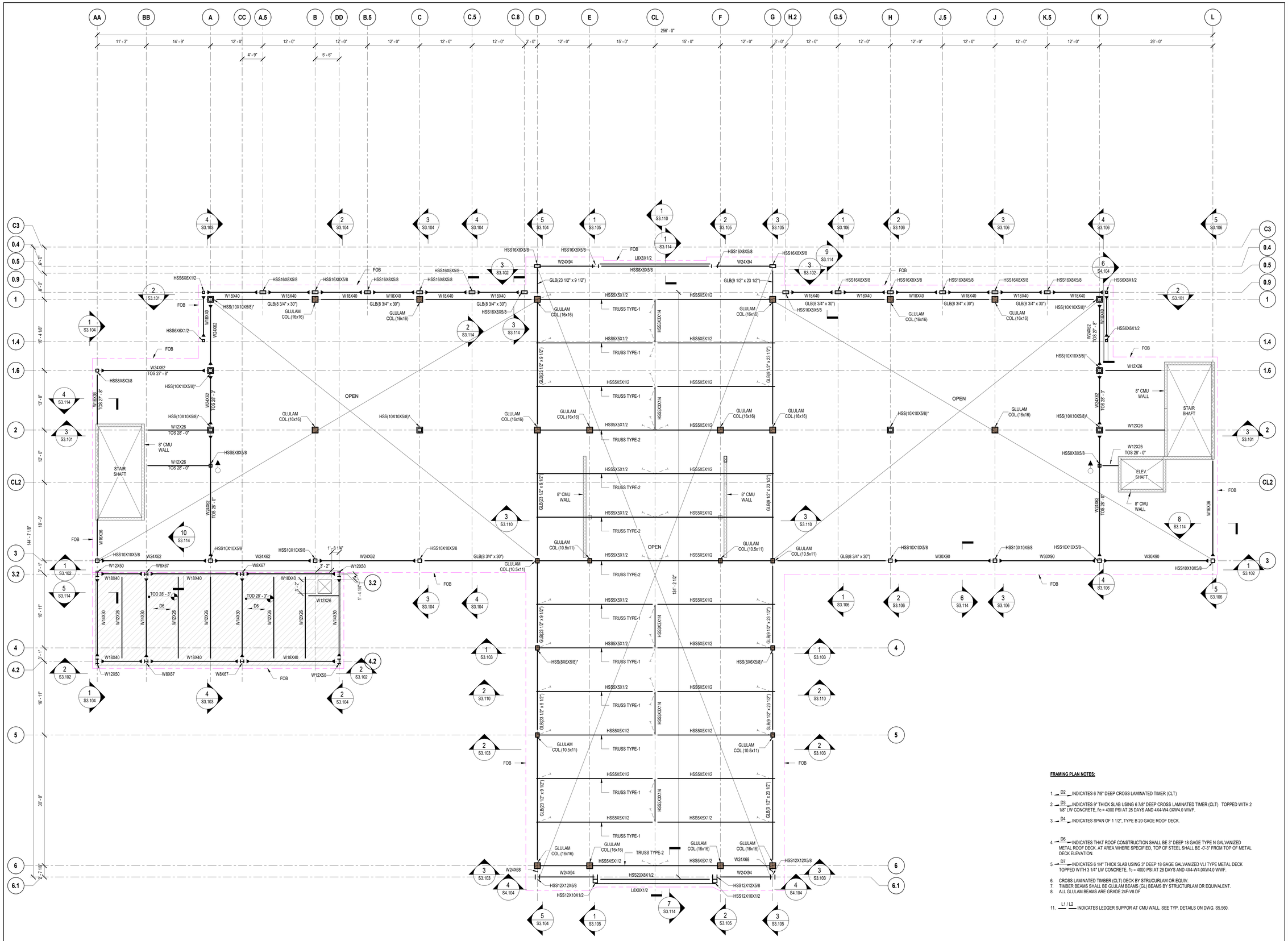
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S1.201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BB
A
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A.5
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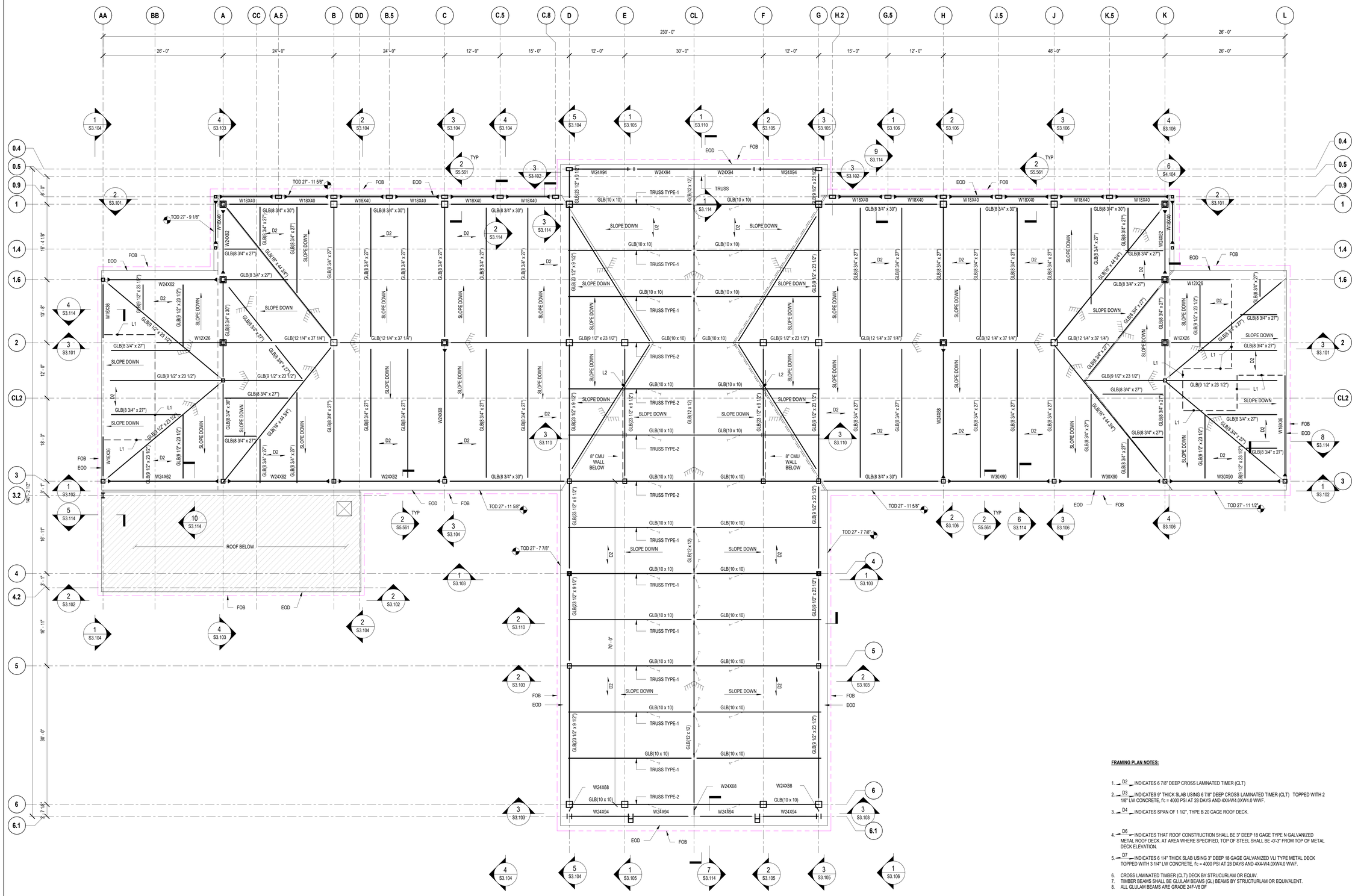
DD
B.5
C
C.5
C.8
D
E
CL
F
G
H.2
G.5
H
J.5
J
K.5
K
L
256' - 0"
11' - 3"
14' - 9"
12' - 0"
12' - 0"
12' - 0"
12' - 0"
12' - 0"
12' - 0"
12' - 0"
3' - 0"
12' - 0"
15' - 0"
15' - 0"
12' - 0"
3' - 0"
12' - 0"
12' - 0"
12' - 0"
12' - 0"
12' - 0"
12' - 0"
12' - 0"
26' - 0"
4' - 9"
5' - 6"
C3
0.4
0.5
0.9
1
1.4
1.6
2
CL2
3
3.2
4
4.2
5
6
6.1
144' - 7 1/8"
8' - 0"
8' - 0"
15' - 4 1/8"
13' - 8"
12' - 0"
18' - 8"
16' - 11"
3' - 1"
3' - 1"
16' - 11"
30' - 0"
7 1/8"
OPEN
STAIR SHAFT
ELEV. SHAFT
8" CMU WALL
TOD 28' - 3"
D6
FOB
HSS6X6X1/2
HSS16X8X5/8
HSS10X10X5/8
HSS8X8X3/8
HSS8X8X5/8
W24X62
W18X40
W16X36
W12X26
W14X30
W12X50
W8X67
W8X48
W30X90
W24X94
W24X68
L6X6X1/2
L8X8X1/2
HSS20X8X1/2
HSS12X12X5/8
HSS12X10X1/2
HSS12X10X1/2
HSS5X5X1/2
HSS3X3X1/4
TRUSS TYPE-1
TRUSS TYPE-2
GLULAM COL.(16x16)
GLULAM COL.(10.5x11)
GLB(8 3/4" x 30")
GLB(23 1/2" x 9 1/2")
GLB(9 1/2" x 23 1/2")
GLB(23 1/2" x 9 1/2")
GLB(9 1/2" x 23 1/2")
1' - 8 1/4"
3' - 2"
1' - 4 1/4"
2' - 2"
134' - 2 1/2"
TOS 27' - 8"
TOS 28' - 0"
TOS 28' - 0"
TOS 28' - 0



ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

FRAMING PLAN NOTES:

1. D2 — INDICATES 6 7/8" DEEP CROSS LAMINATED TIMER (CLT)
2. D3 — INDICATES 9" THICK SLAB USING 6 7/8" DEEP CROSS LAMINATED TIMER (CLT) TOPPED WITH 2 1/8" LW CONCRETE, f'c = 4000 PSI AT 28 DAYS AND 4X4-W4.0XW4.0 WWF.
3. D4 — INDICATES SPAN OF 1 1/2", TYPE B 20 GAGE ROOF DECK.
4. D6 — INDICATES THAT ROOF CONSTRUCTION SHALL BE 3" DEEP 18 GAGE TYPE N GALVANIZED METAL ROOF DECK. AT AREA WHERE SPECIFIED, TOP OF STEEL SHALL BE -0'-3" FROM TOP OF METAL DECK ELEVATION.
5. D7 — INDICATES 6 1/4" THICK SLAB USING 3" DEEP 18 GAGE GALVANIZED VLI TYPE METAL DECK TOPPED WITH 3 1/4" LW CONCRETE, f'c = 4000 PSI AT 28 DAYS AND 4X4-W4.0XW4.0 WWF.
6. CROSS LAMINATED TIMBER (CLT) DECK BY STRUCURLAM OR EQUIV.
7. TIMBER BEAMS SHALL BE GLULAM BEAMS (GL) BEAMS BY STRUCTURLAM OR EQUIVALENT.
8. ALL GLULAM BEAMS ARE GRADE 24F-V8 DF
11. L1 / L2 — INDICATES LEDGER SUPPOR AT CMU WALL. SEE TYP. DETAILS ON DWG. S5.560.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
IN
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

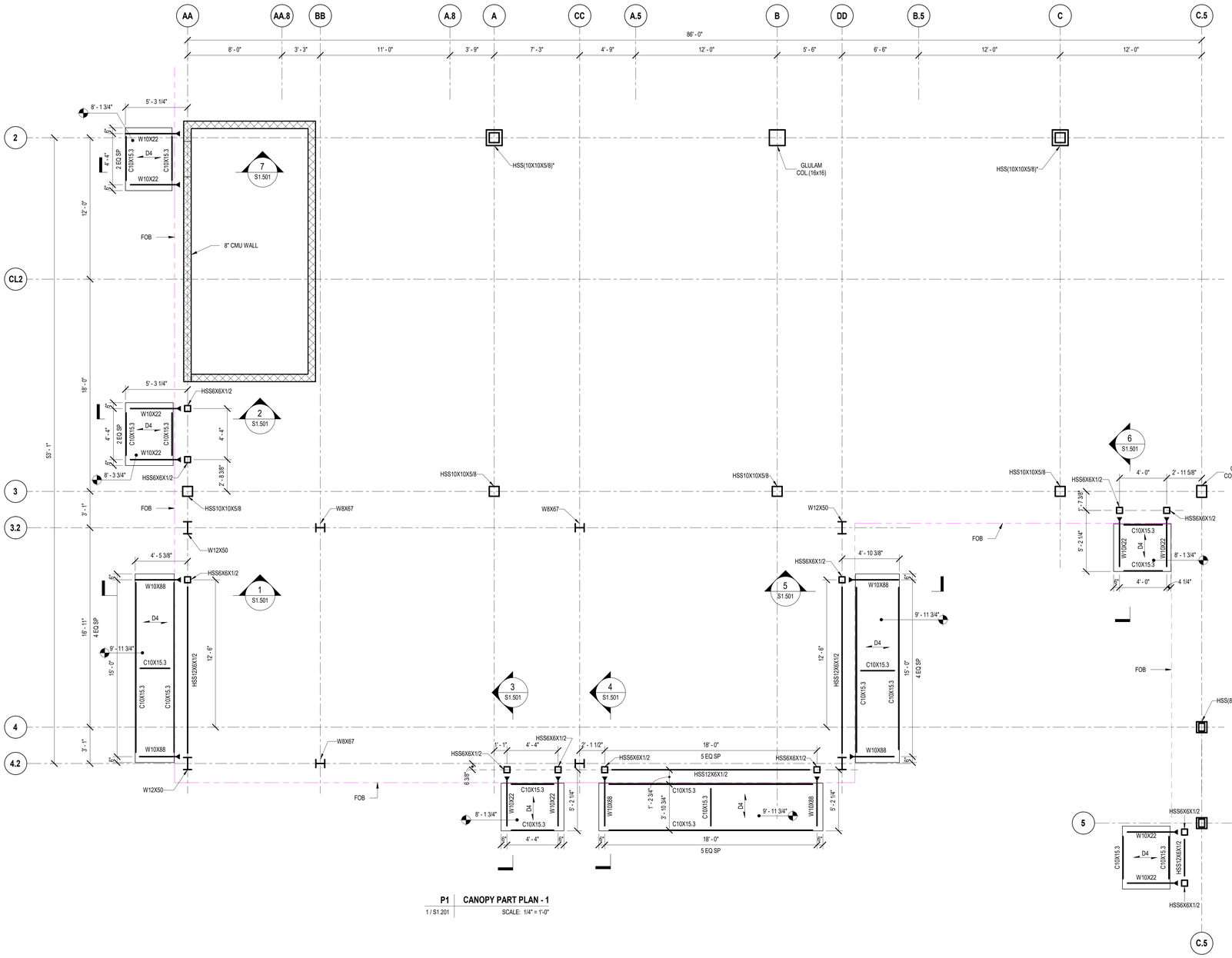
SHEET TITLE:
ROOF FRAMING PLAN
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

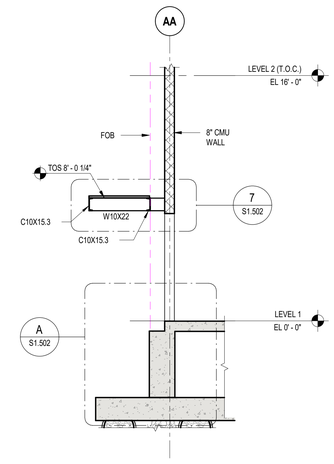
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

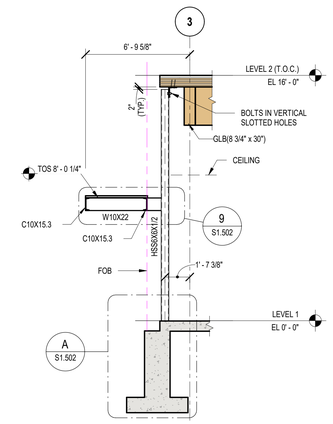
SHEET NUMBER:
S1.401



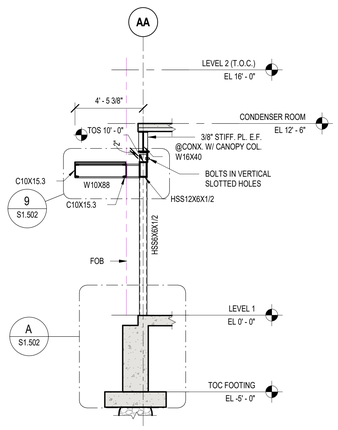
P1 | CANOPY PART PLAN - 1
1 / S1.201 | SCALE: 1/4" = 1'-0"



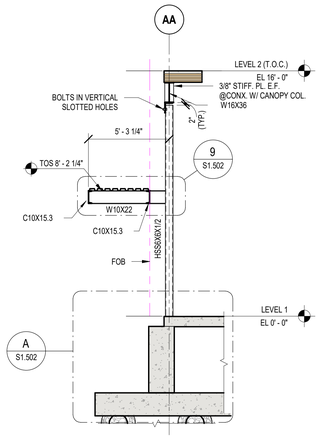
7 | SECTION 7
P1 / S1.501 | SCALE: 1/4" = 1'-0"



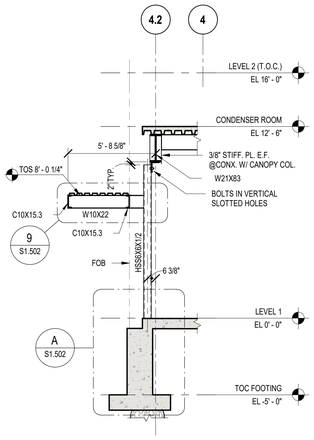
6 | SECTION 6
P1 / S1.501 | SCALE: 1/4" = 1'-0"



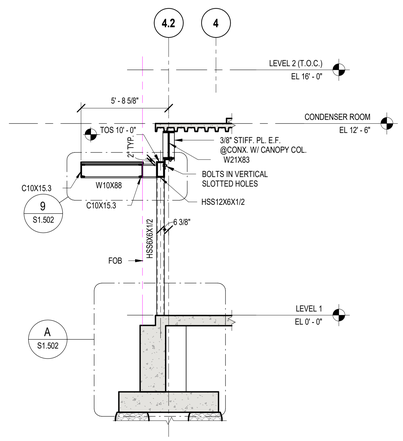
1 | SECTION 1
P1 / S1.501 | SCALE: 1/4" = 1'-0"



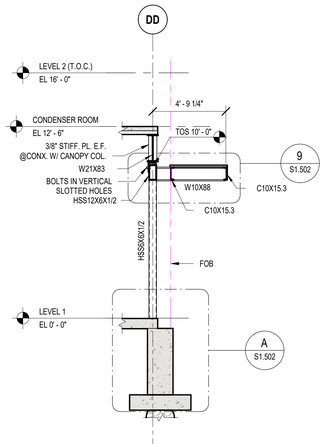
2 | SECTION 2
P1 / S1.501 | SCALE: 1/4" = 1'-0"



3 | SECTION 3
P1 / S1.501 | SCALE: 1/4" = 1'-0"



4 | SECTION 4
P1 / S1.501 | SCALE: 1/4" = 1'-0"



5 | SECTION 5
P1 / S1.501 | SCALE: 1/4" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
10477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG CANOPY - PART 1 FRAMING PLAN AND SECTIONS

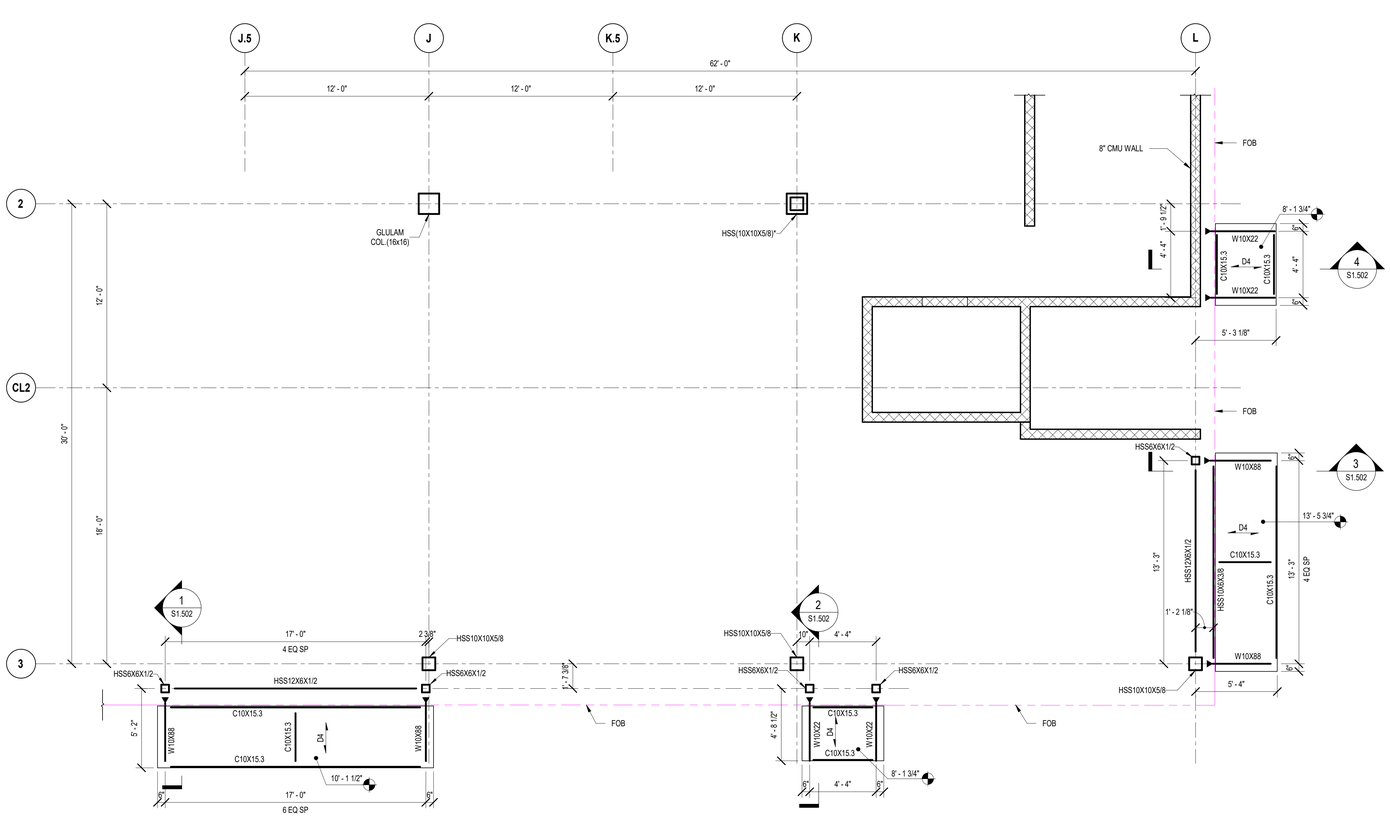
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

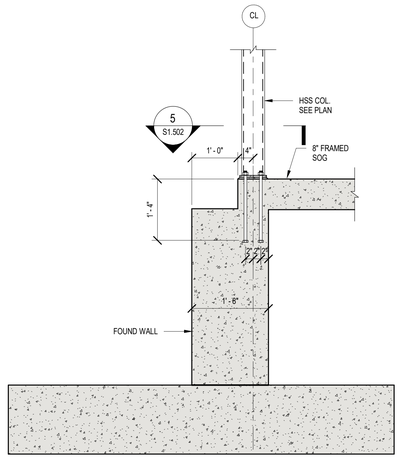
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

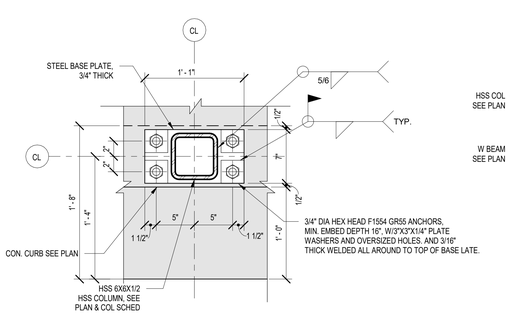
SHEET NUMBER:
S1.501



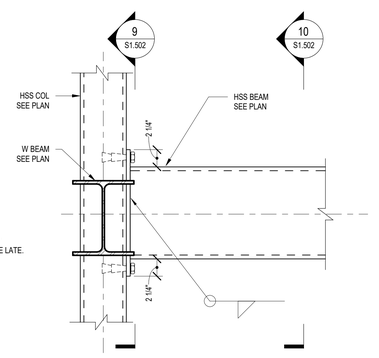
P2 | **CANOPY PART PLAN - 2**
1 / S1.201 | SCALE: 1/4" = 1'-0"



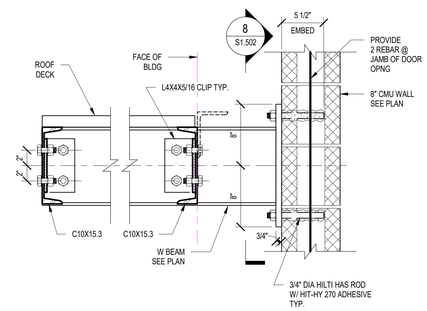
A | **TYPICAL CANOPY BASE PLATE DETAIL 1**
1 / S1.501 | SCALE: 3/4" = 1'-0"



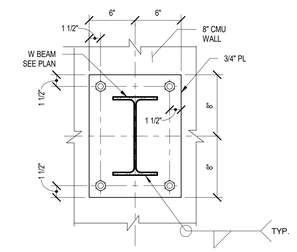
5 | **CANOPY BASE PL DETAIL 2**
A / S1.502 | SCALE: 1 1/2" = 1'-0"



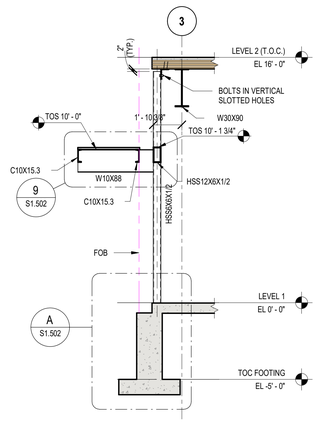
6 | **CANOPY - FRAMING DET. 1**
9 / S1.502 | SCALE: 1 1/2" = 1'-0"



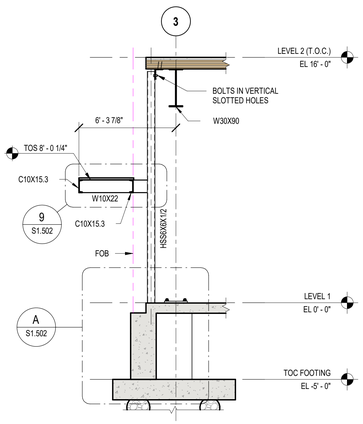
7 | **CANOPY - FRAMING DET. 2**
7 / S1.501 | NTS



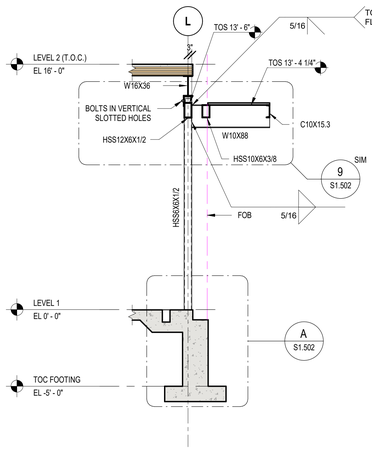
8 | **CANOPY - FRAMING DET. 3**
7 / S1.502 | NTS



1 | **SECTION 1**
P2 / S1.502 | SCALE: 1/4" = 1'-0"



2 | **SECTION 2**
P2 / S1.502 | SCALE: 1/4" = 1'-0"



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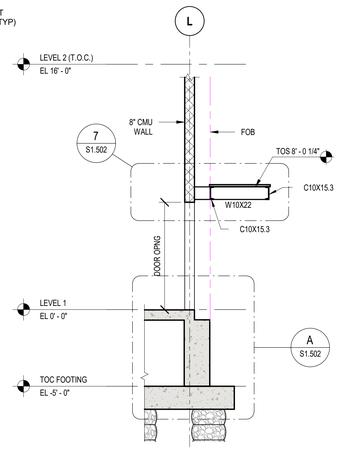

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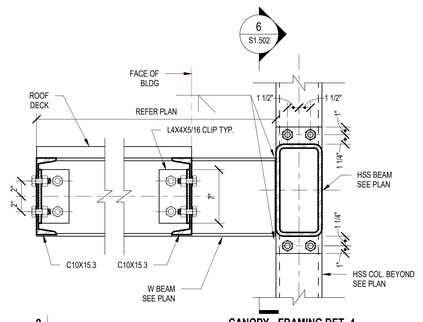
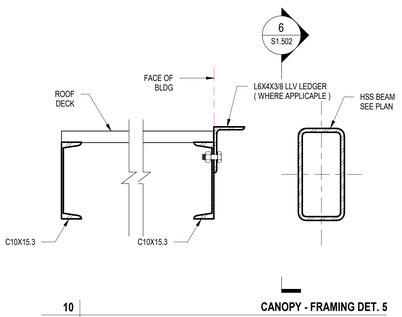
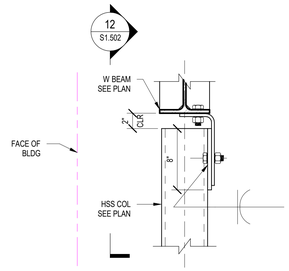
P2 / S1.502 | SCALE: 1/4" = 1'-0"



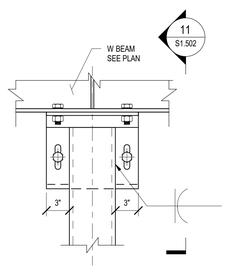
9 | **CANOPY - FRAMING DET. 4**
1 / S1.501 | NTS



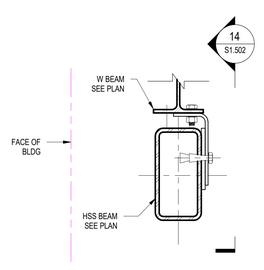
10 | **CANOPY - FRAMING DET. 5**
6 / S1.502 | NTS



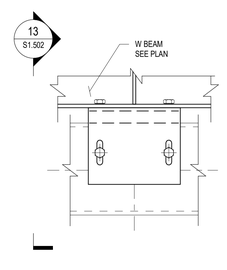
11 | **CANOPY - FRMG DET. 6A**
12 / S1.502 | NTS



12 | **CANOPY - FRMG DET. 6B**
11 / S1.502 | NTS



13 | **CANOPY - FRMG DET. 7A**
14 / S1.502 | NTS



14 | **CANOPY - FRMG DET. 7B**
13 / S1.502 | NTS

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INJ
18479
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG CANOPY - PART 2 FRAMING PLAN AND SECTIONS

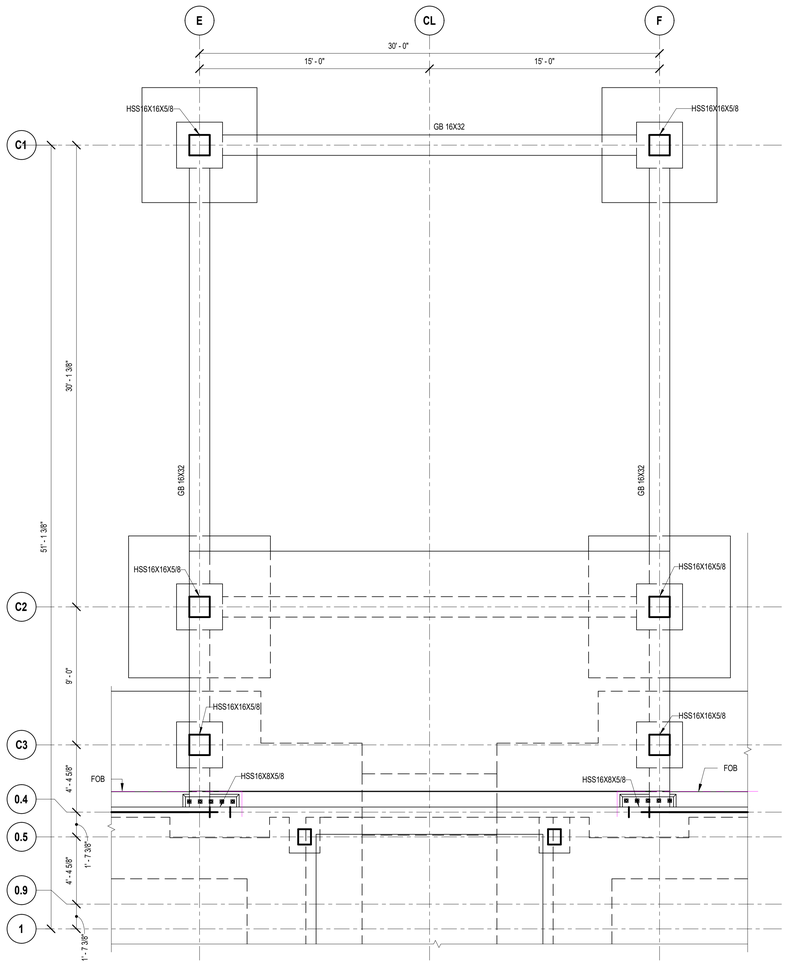
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

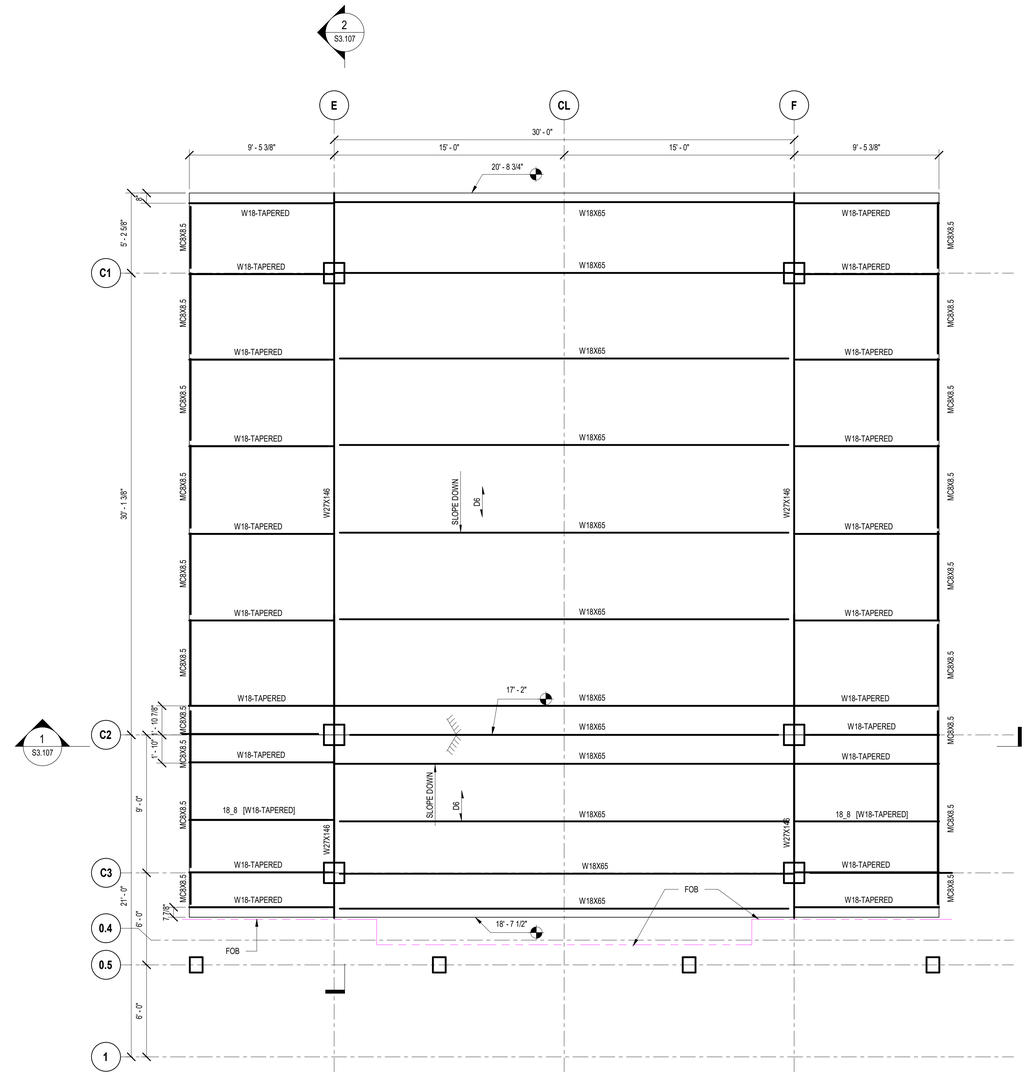
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S1.502



1 CANOPY GROUND FLOOR PLAN
1 / S1.101
SCALE: 1/4" = 1'-0"



2 MAIN ENTRANCE CANOPY - TOP VIEW PLAN
1 / S1.201
SCALE: 1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
HIGH CANOPY (HC) FRAMING PLANS

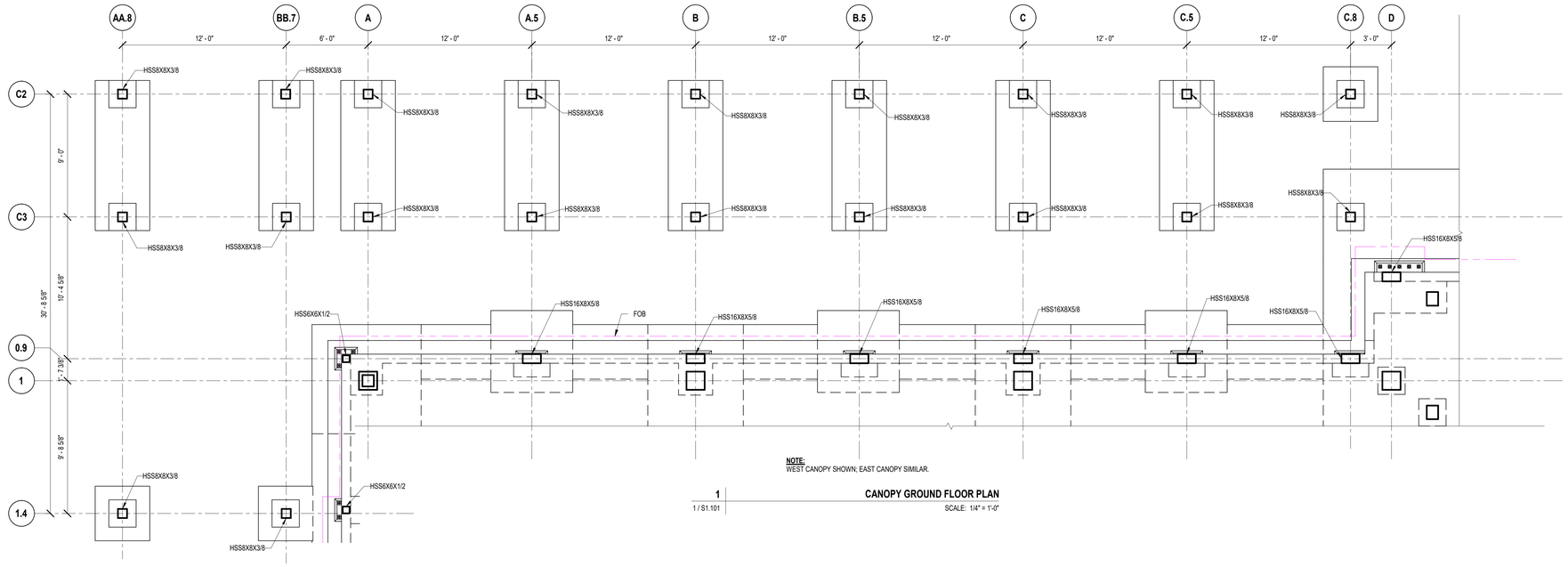
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

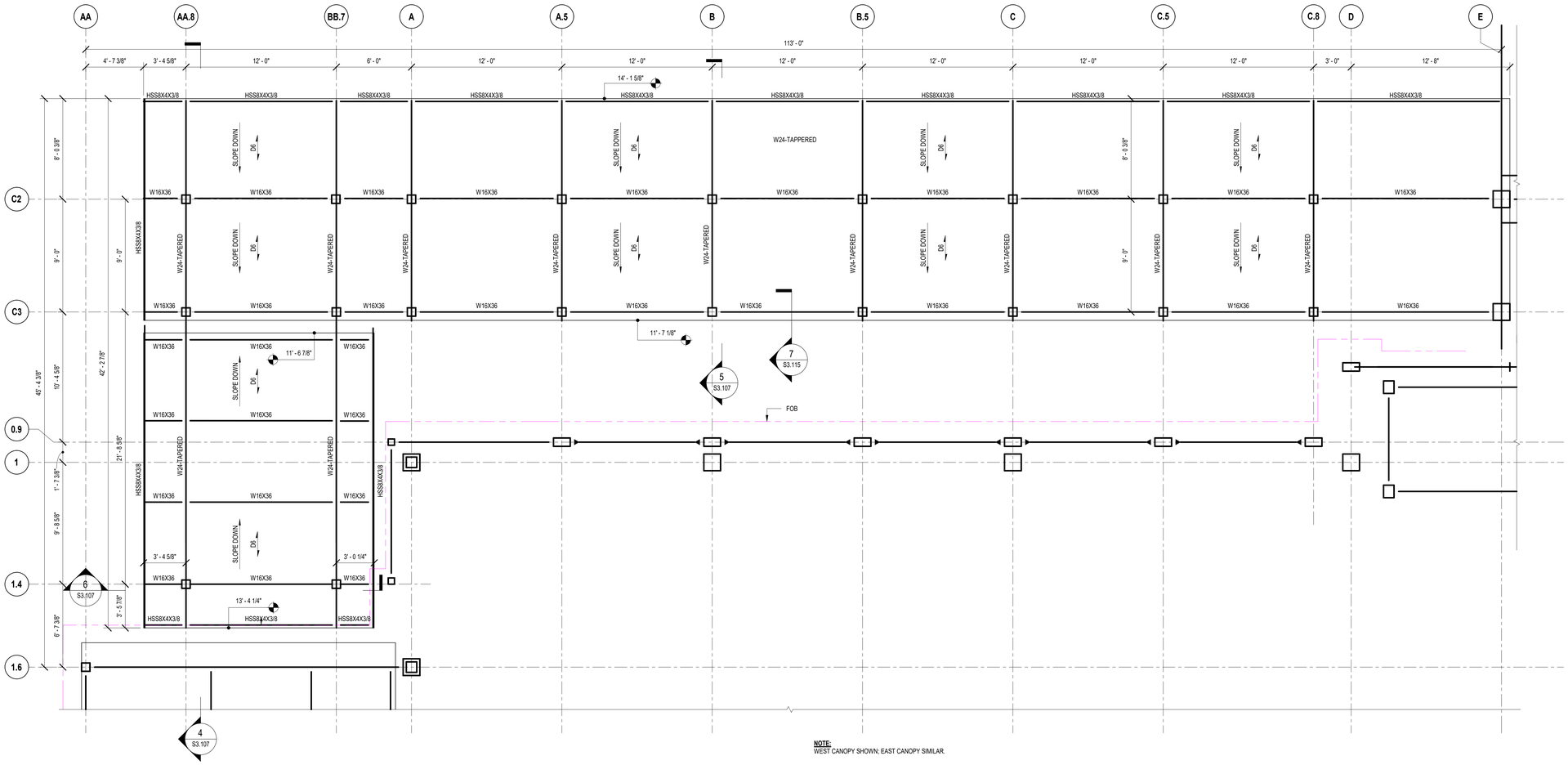
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S1.601



NOTE:
WEST CANOPY SHOWN; EAST CANOPY SIMILAR.

1 / S1.101 — **1 CANOPY GROUND FLOOR PLAN**
SCALE: 1/4" = 1'-0"



NOTE:
WEST CANOPY SHOWN; EAST CANOPY SIMILAR.

1 / S1.201 — **2 CANOPY TOP VIEW PLAN**
SCALE: 1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18477 — 6/4/24 — LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LOW CANOPY (LC) FRAMING PLANS

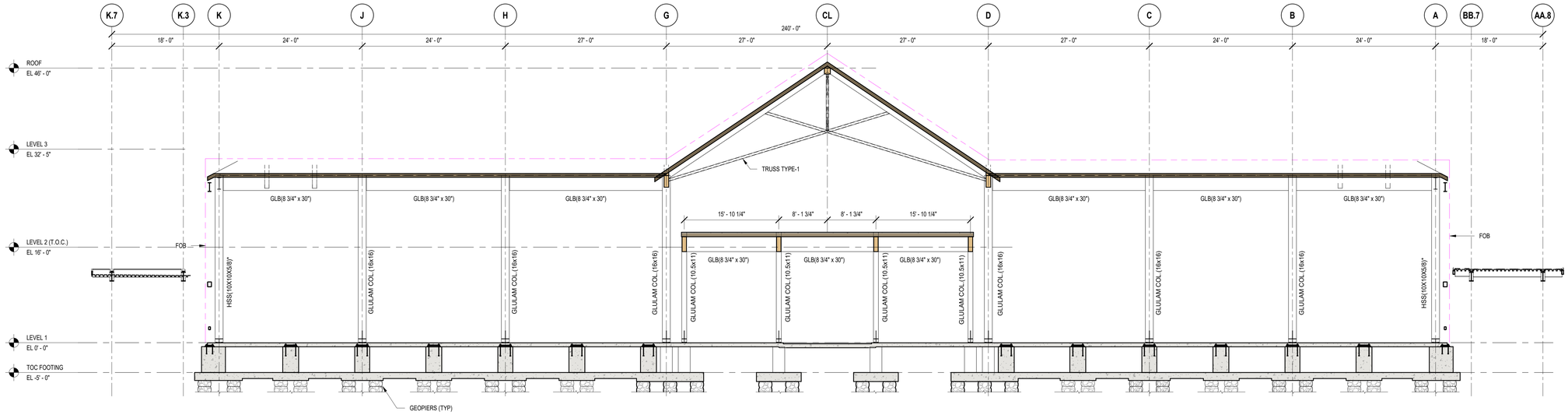
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

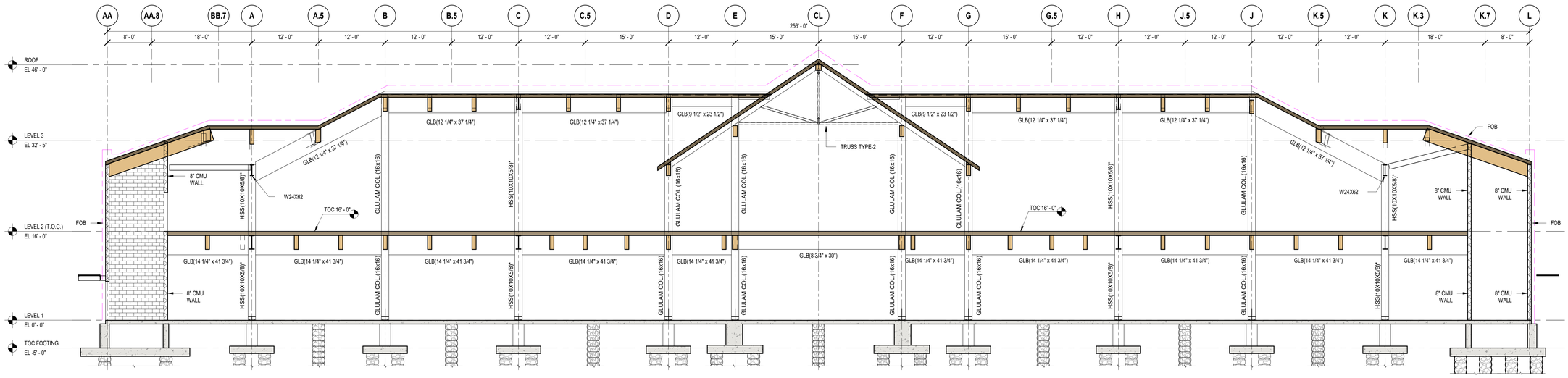
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S1.701



2 — **BLDG. STR FRMG SECTION - GRIDLINE 1**

1 / S1.100 — SCALE: 1/8" = 1'-0"



3 — **BLDG. STR FRMG SECTION - GRIDLINE 2**

1 / S1.100 — SCALE: 1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18477 — 6/4/24 — LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG STRUCTURAL FRMG SECTIONS

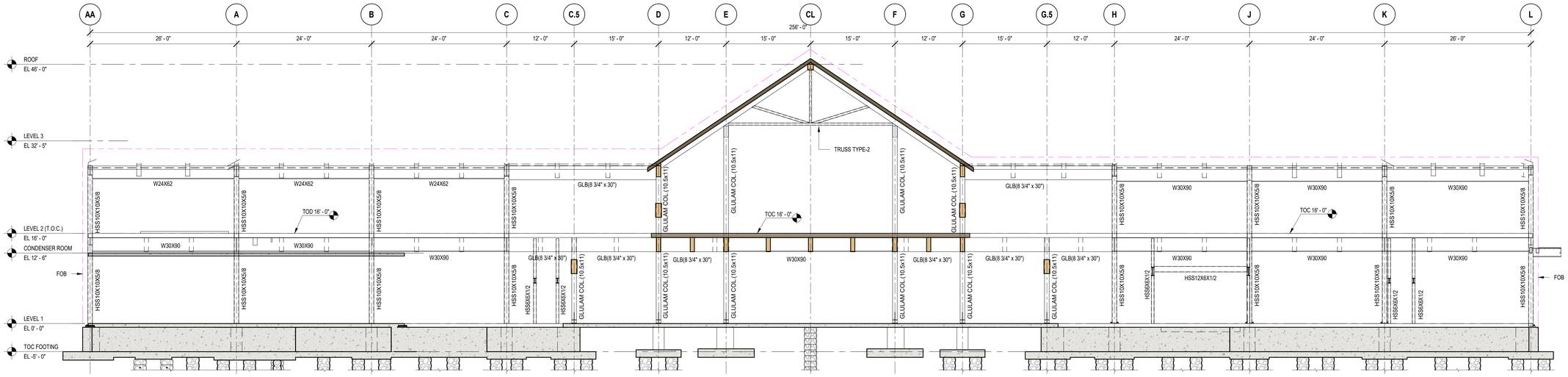
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

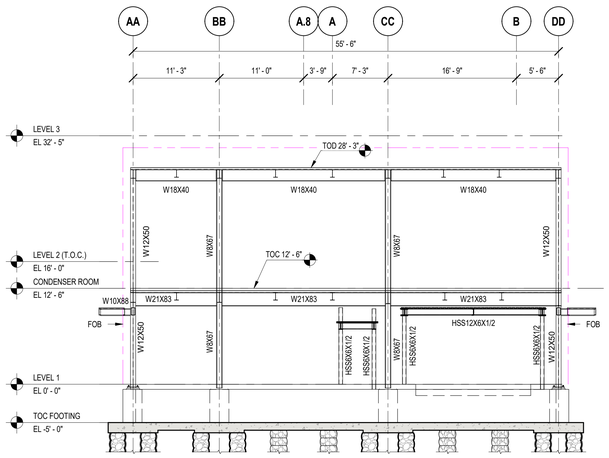
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

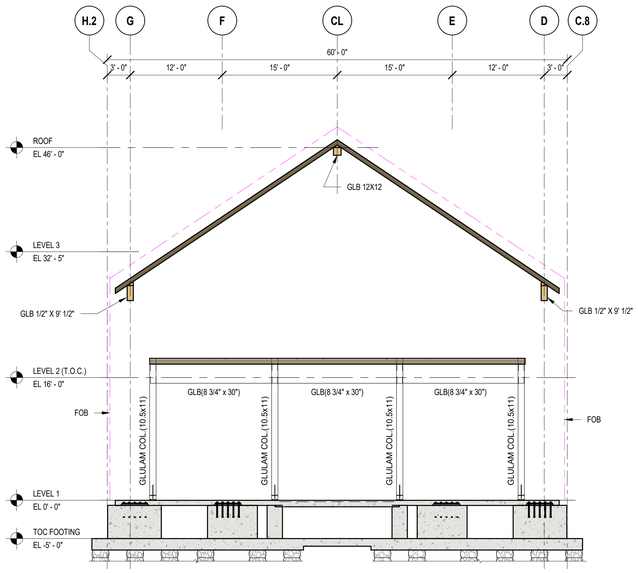
SHEET NUMBER:
S3.101



1 / S1.100 — **1 BLDG. STR FRMG SECTION - GRIDLINE 3**
SCALE: 1/8" = 1'-0"



1 / S1.100 — **2 BLDG. STR FRMG SECTION - GRIDLINE 3.7**
SCALE: 1/8" = 1'-0"



1 / S1.100 — **3 BLDG. STR FRMG SECTION - GRIDLINE 0.5**
SCALE: 1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INJU
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG STRUCTURAL FRMG SECTIONS

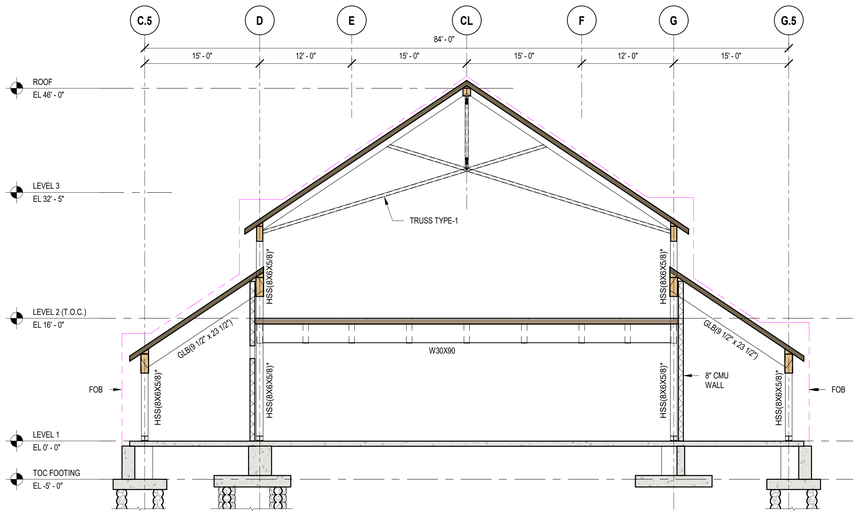
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

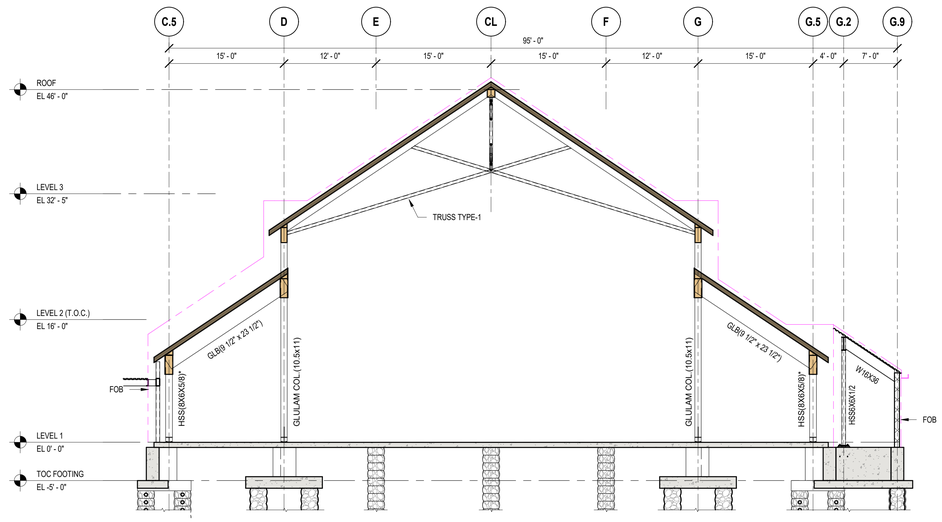
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

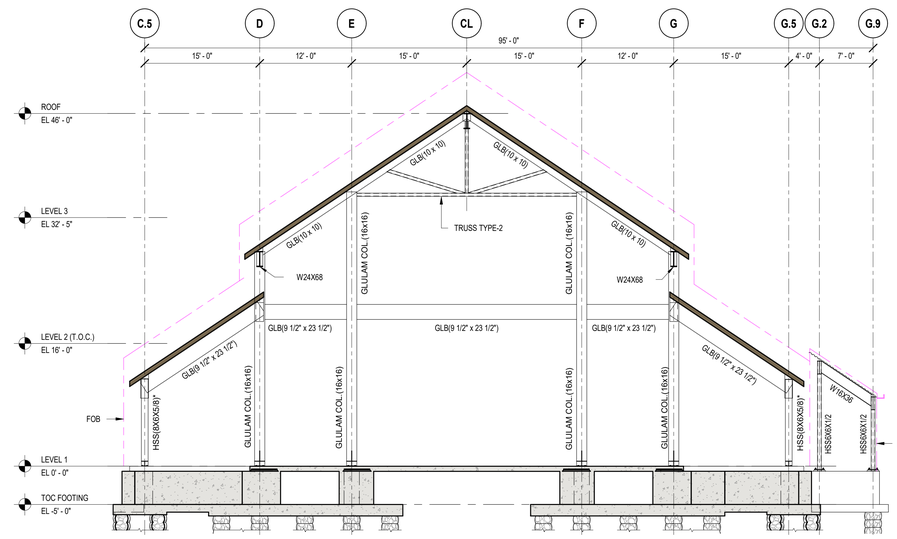
SHEET NUMBER:
S3.102



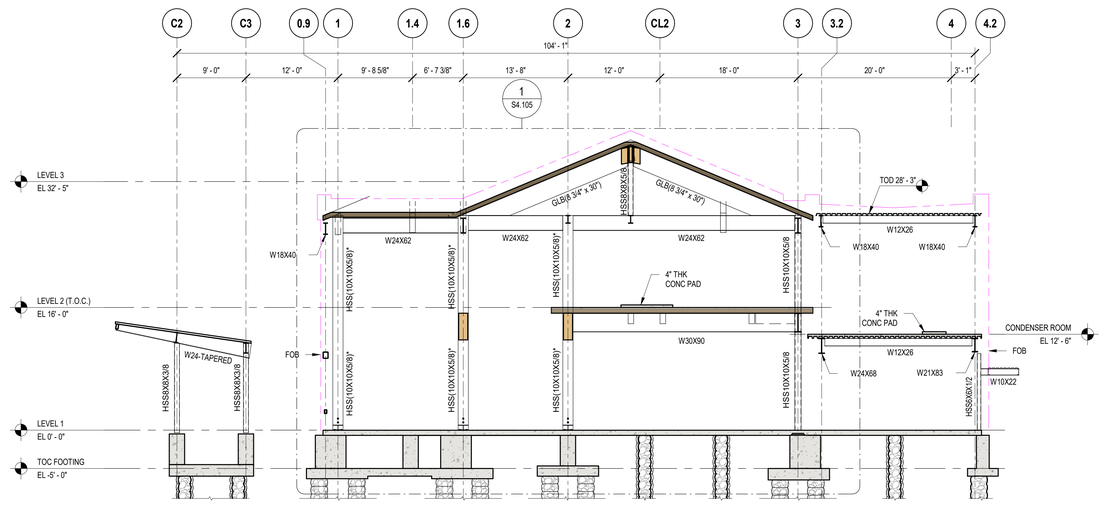
1 — **BLDG. STR FRMG SECTION - GRIDLINE 4**
1 / S1.100 — SCALE: 1/8" = 1'-0"



2 — **BLDG. STR FRMG SECTION - GRIDLINE 5**
1 / S1.100 — SCALE: 1/8" = 1'-0"



3 — **BLDG. STR FRMG SECTION - GRIDLINE 6**
1 / S1.100 — SCALE: 1/8" = 1'-0"



4 — **BLDG. STR FRMG SECTION - GRIDLINE A**
1 / S1.100 — SCALE: 1/8" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG STRUCTURAL FRMG SECTIONS

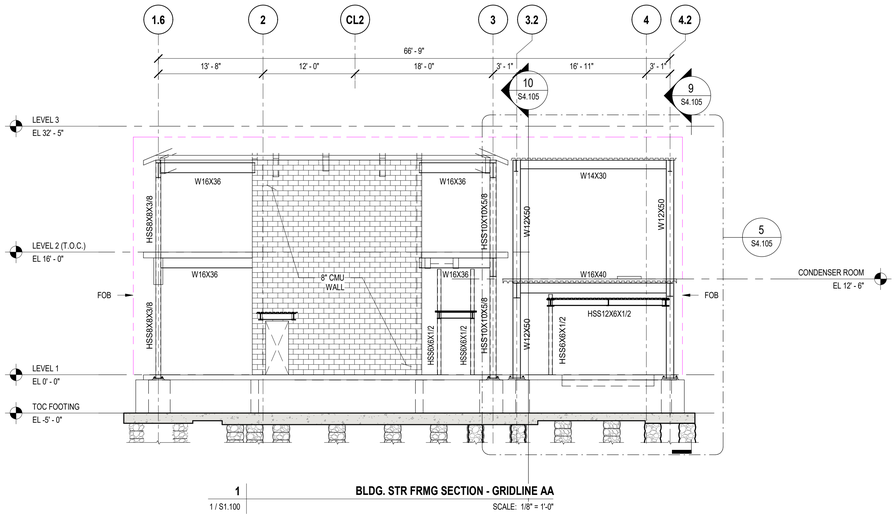
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

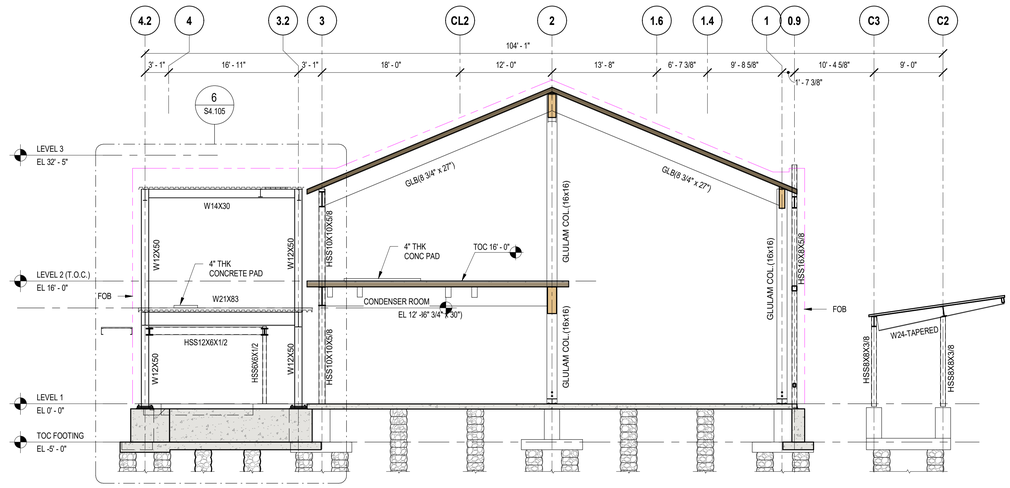
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S3.103



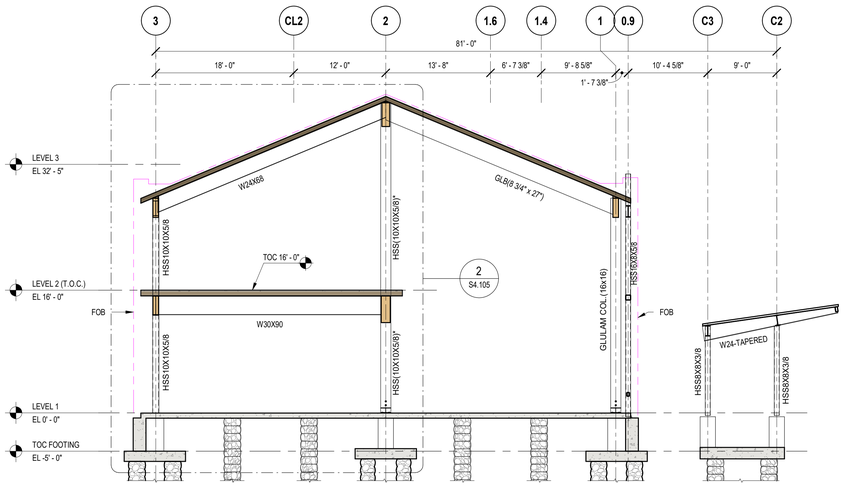
1 / S1.100 **BLDG. STR FRMG SECTION - GRIDLINE AA**

SCALE: 1/8" = 1'-0"



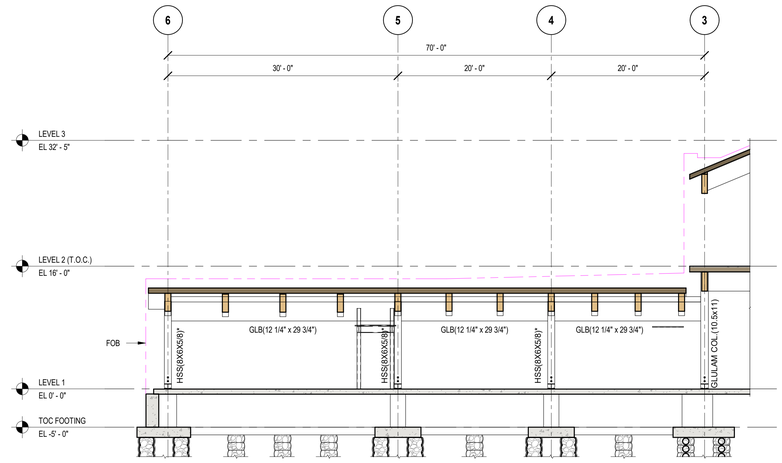
2 / S1.100 **BLDG. STR FRMG SECTION - GRIDLINE B**

SCALE: 1/8" = 1'-0"



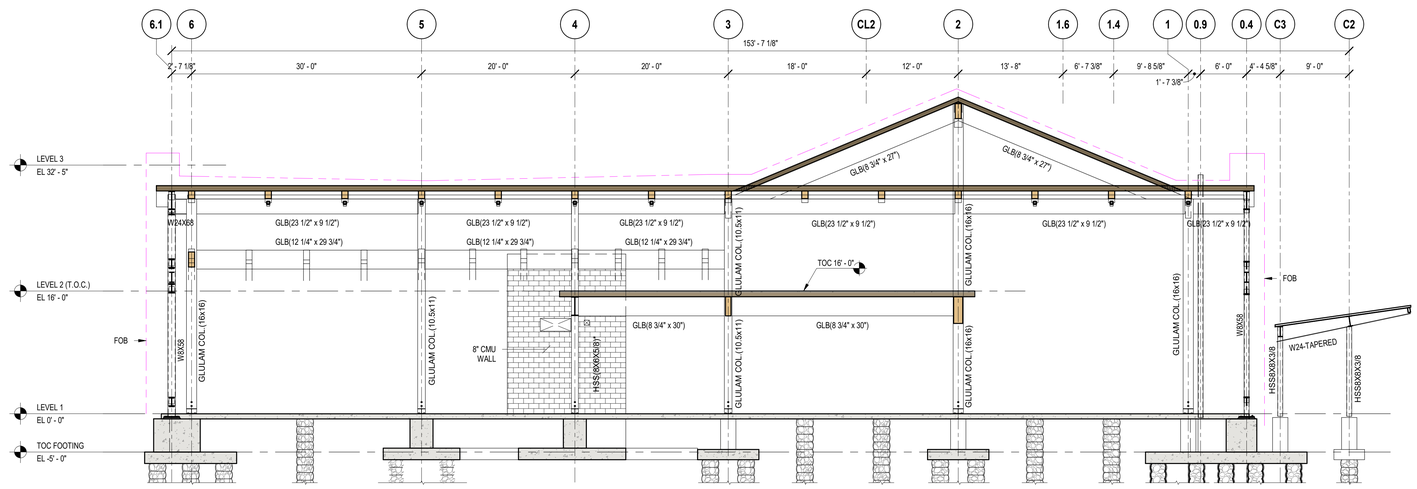
3 / S1.100 **BLDG. STR FRMG SECTION - GRIDLINE C**

SCALE: 1/8" = 1'-0"



4 / S1.100 **BLDG. STR FRMG SECTION - GRIDLINE C.5**

SCALE: 1/8" = 1'-0"



5 / S1.100 **BLDG. STR FRMG SECTION - GRIDLINE D**

SCALE: 1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INJ
18479
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG STRUCTURAL FRMG SECTIONS

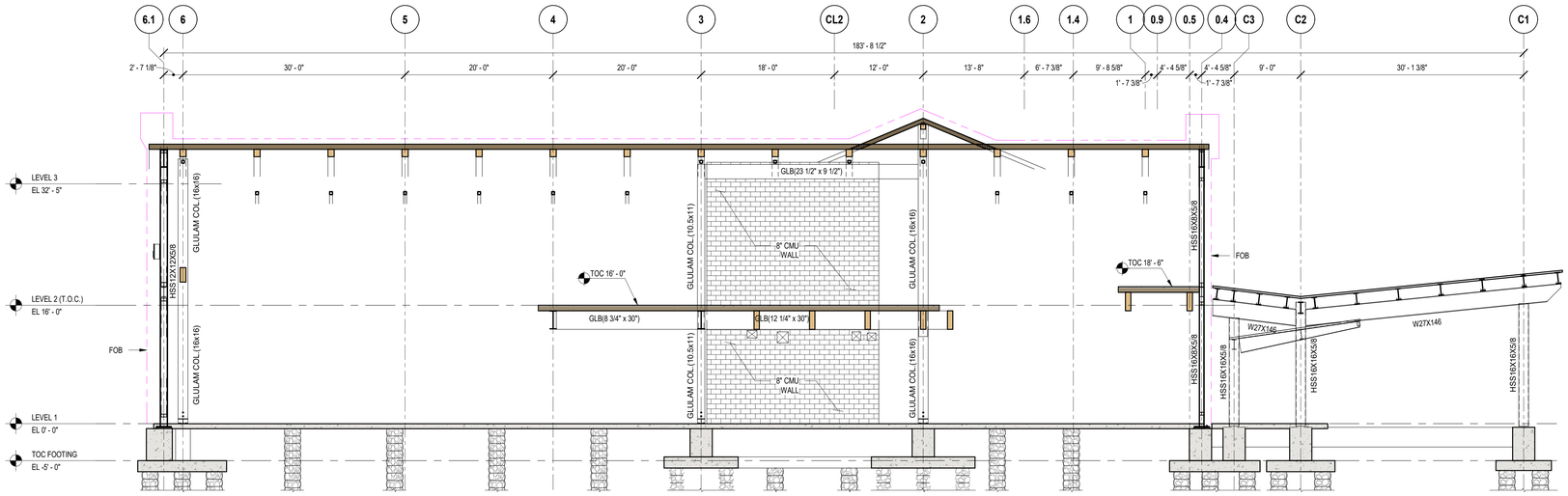
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

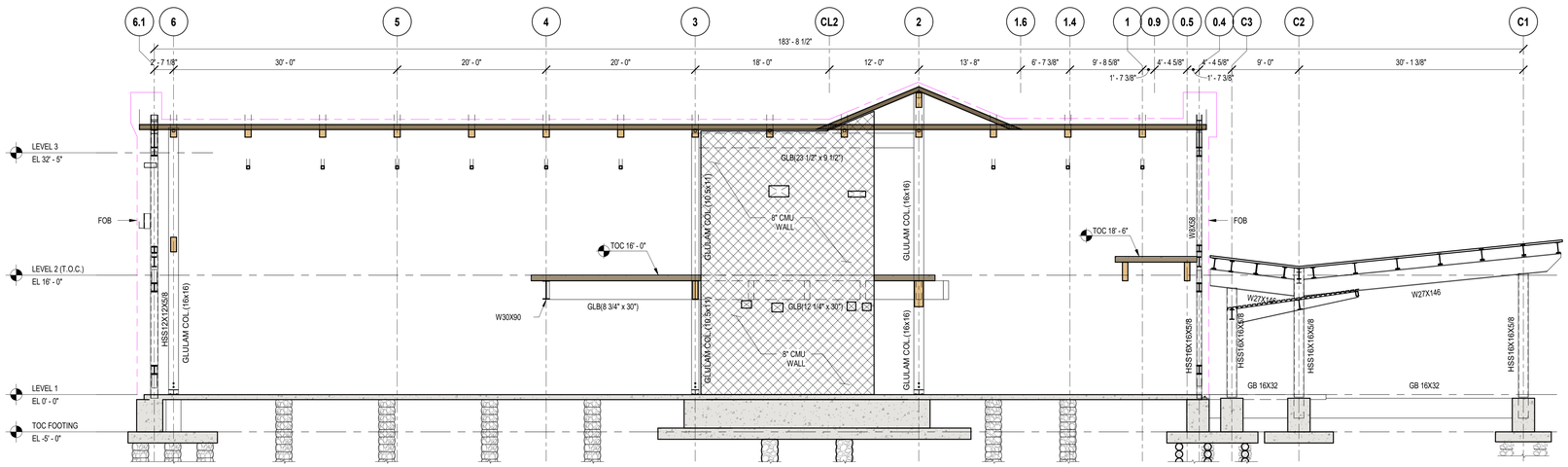
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

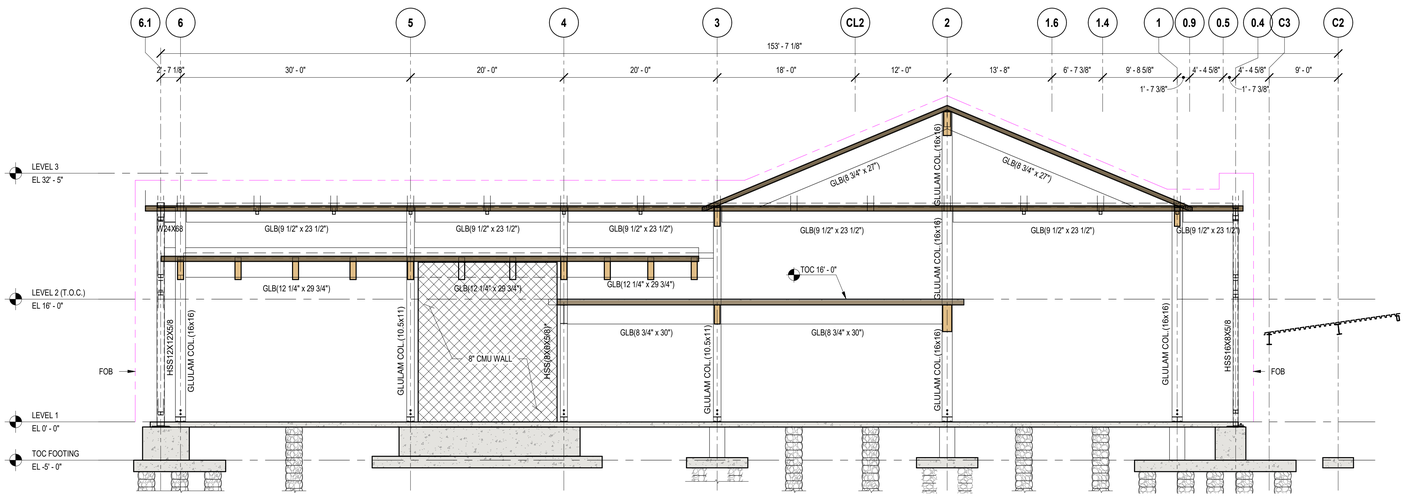
SHEET NUMBER:
S3.104



1 | **BLDG. STR FRMG SECTION - GRIDLINE E**
1 / S1.100 | SCALE: 1/8" = 1'-0"



2 | **BLDG. STR FRMG SECTION - GRIDLINE F**
1 / S1.100 | SCALE: 1/8" = 1'-0"



3 | **BLDG. STR FRMG SECTION - GRIDLINE G**
1 / S1.100 | SCALE: 1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INDIVIDUAL
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG STRUCTURAL FRMG SECTIONS

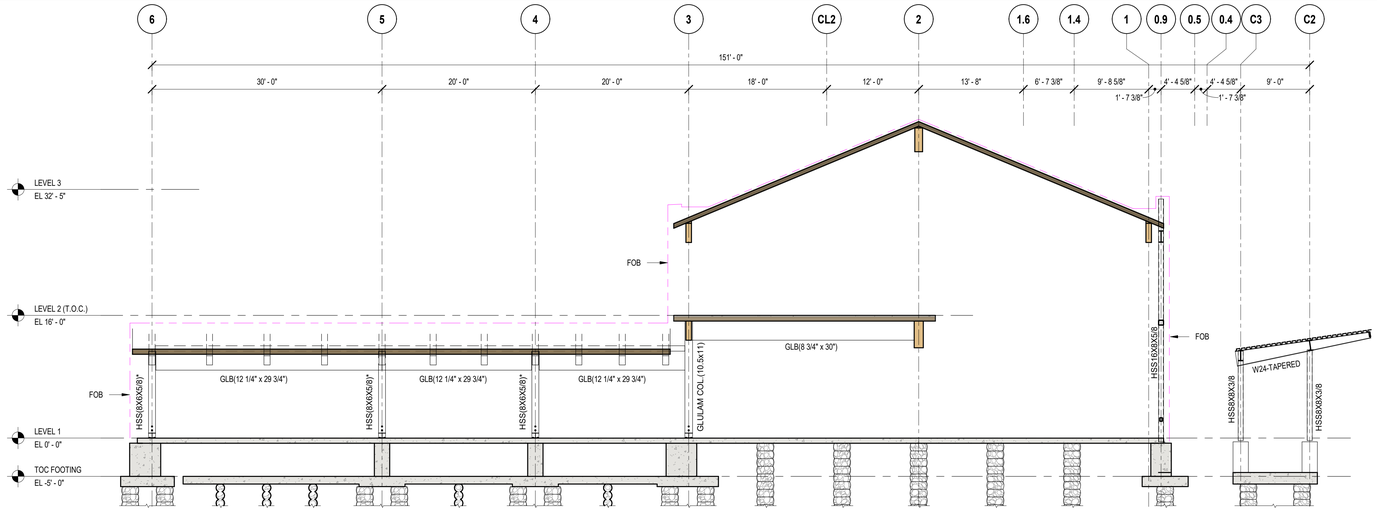
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

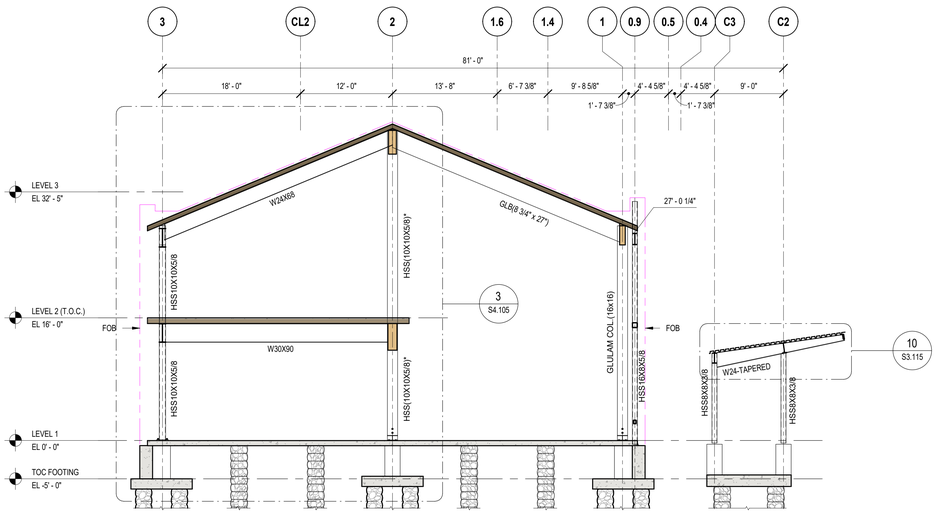
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S3.105



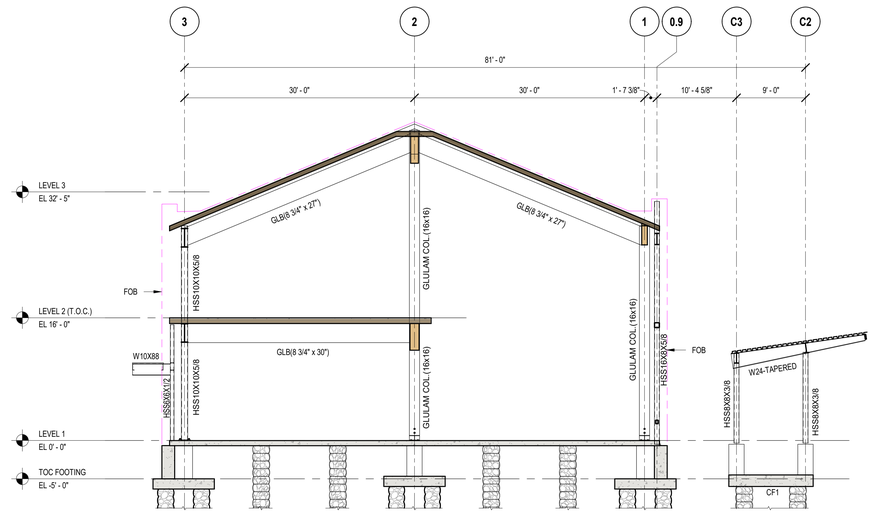
1 / S1.100 **1 BLDG. STR FRMG SECTION - GRIDLINE G.5**

SCALE: 1/8" = 1'-0"



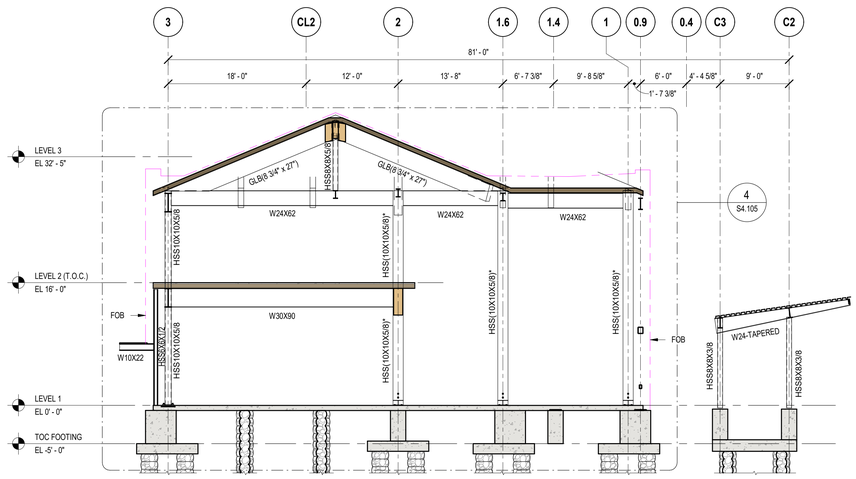
1 / S1.100 **2 BLDG. STR FRMG SECTION - GRIDLINE H**

SCALE: 1/8" = 1'-0"



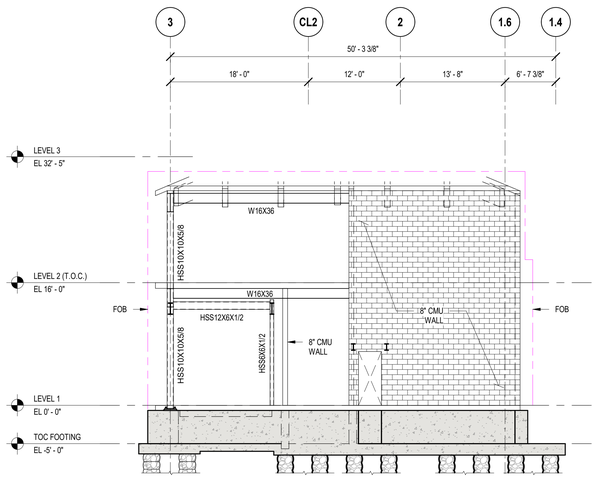
1 / S1.100 **3 BLDG. STR FRMG SECTION - GRIDLINE J**

SCALE: 1/8" = 1'-0"



1 / S1.100 **4 BLDG. STR FRMG SECTION - GRIDLINE K**

SCALE: 1/8" = 1'-0"



1 / S1.100 **5 BLDG. STR FRMG SECTION - GRIDLINE L**

SCALE: 1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INDIVIDUAL
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG STRUCTURAL FRMG SECTIONS

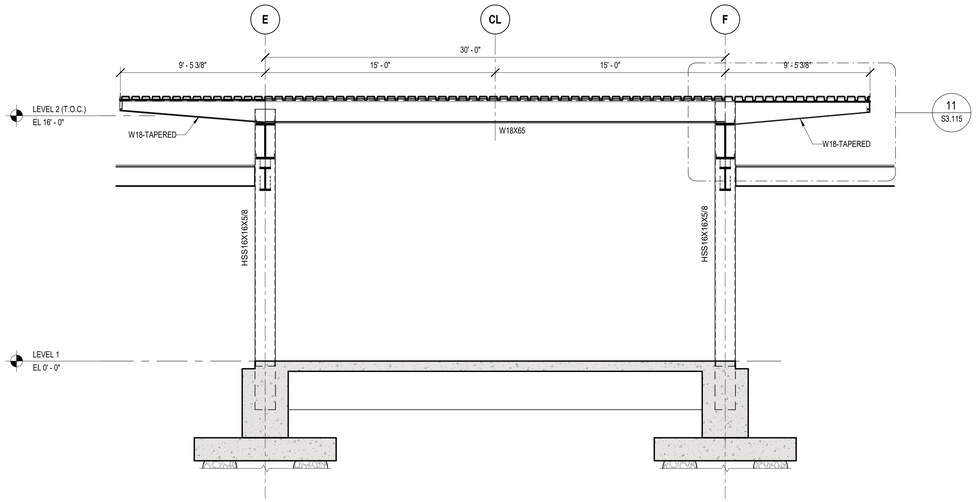
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

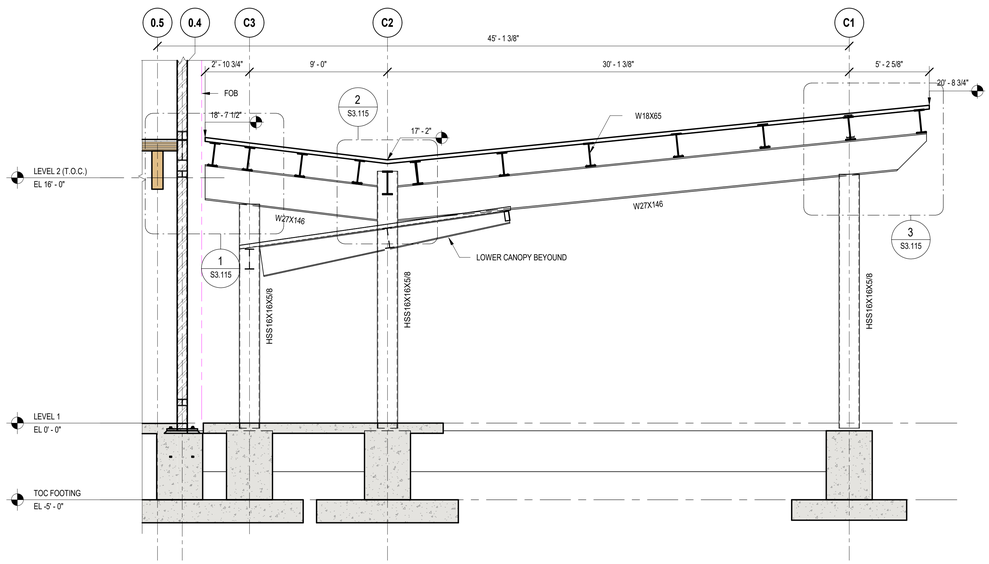
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

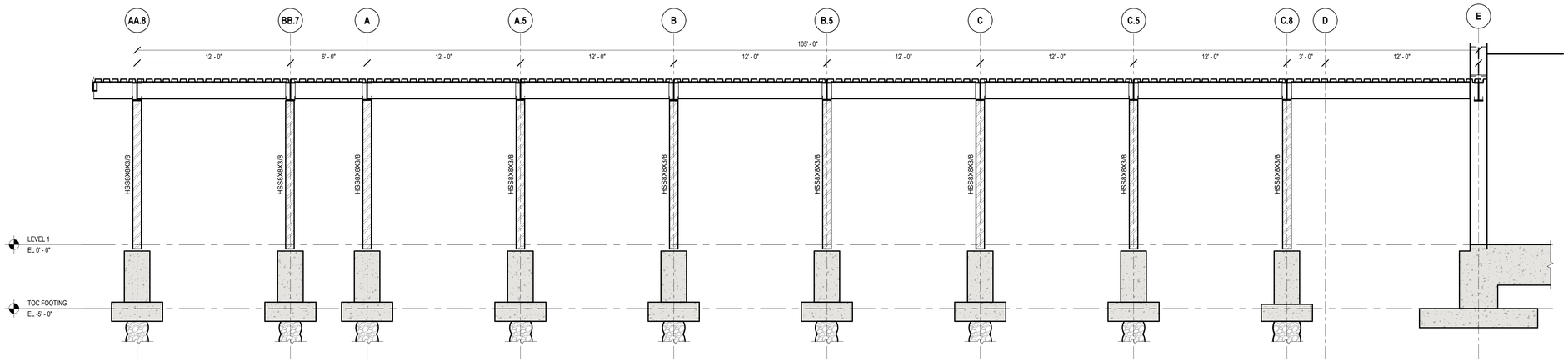
SHEET NUMBER:
S3.106



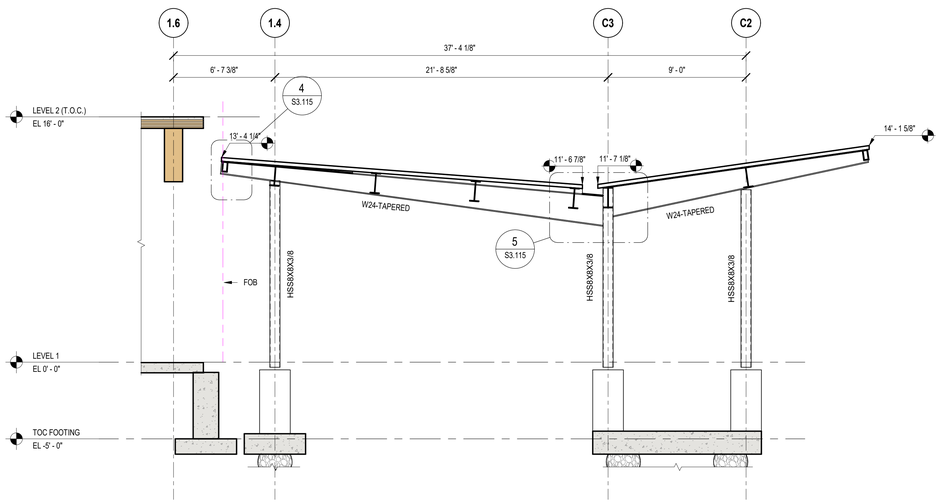
1 | HIGH CANOPY SECTION -1
2 / S1.601 | SCALE: 1/4" = 1'-0"



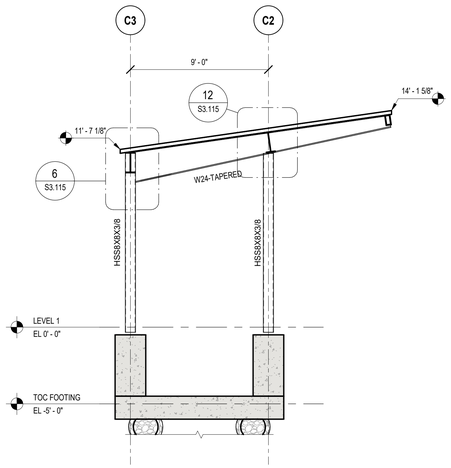
2 | HIGH CANOPY SECTION -2
2 / S1.601 | SCALE: 1/4" = 1'-0"



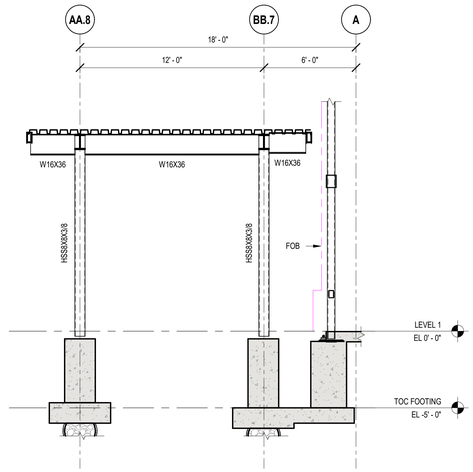
3 | LOW CANOPY SECTION -1
SCALE: 1/4" = 1'-0"



4 | LOW CANOPY SECTION -2
2 / S1.701 | SCALE: 1/4" = 1'-0"



5 | LOW CANOPY SECTION -3
2 / S1.701 | SCALE: 1/4" = 1'-0"



6 | LOW CANOPY SECTION -4
2 / S1.701 | SCALE: 1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
HIGH / LOW CANOPY (HC/LC) FRMG SECTIONS

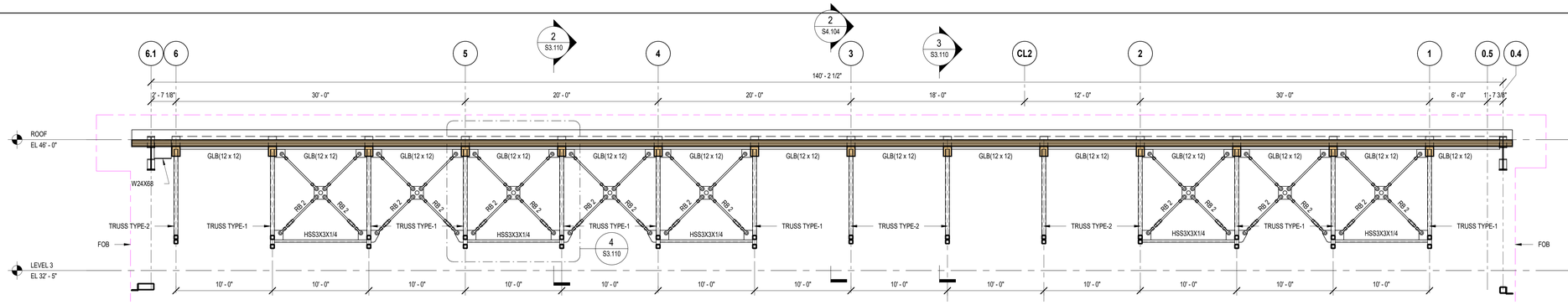
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

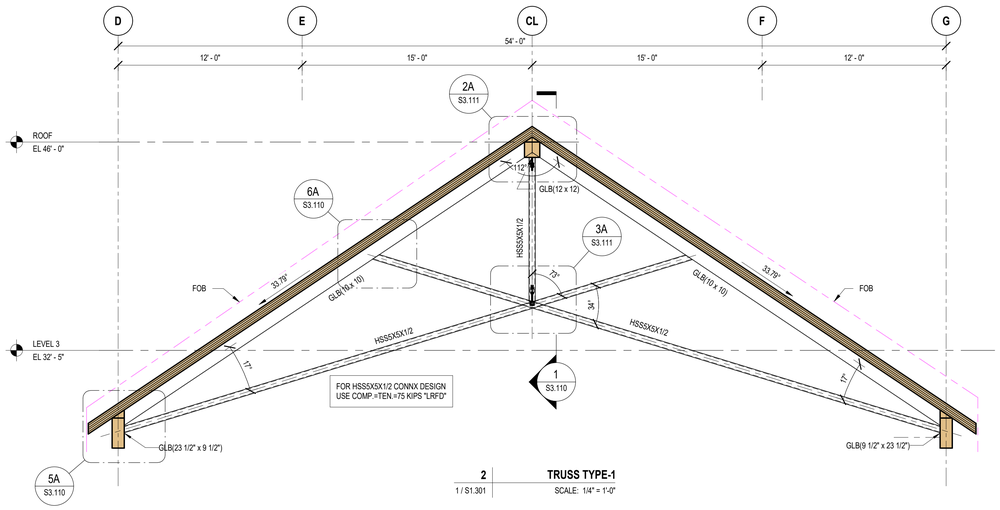
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

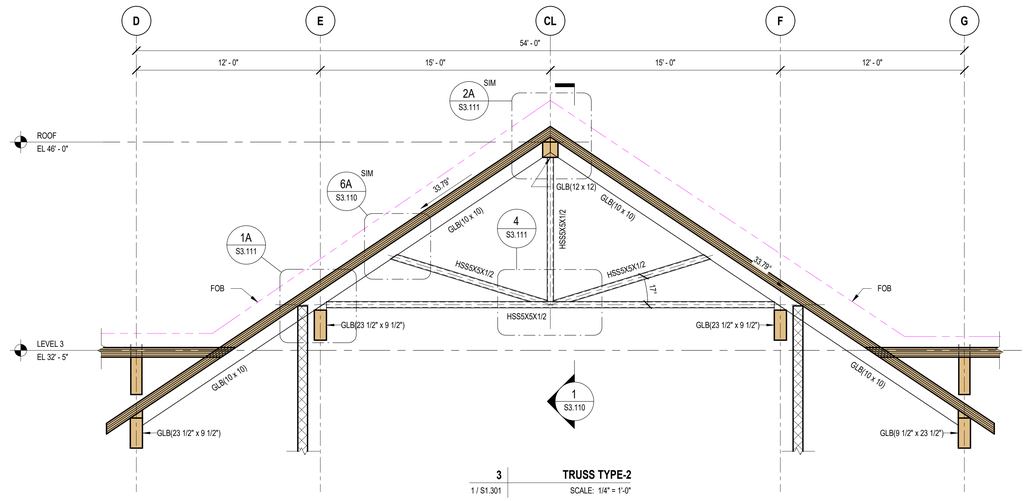
SHEET NUMBER:
S3.107



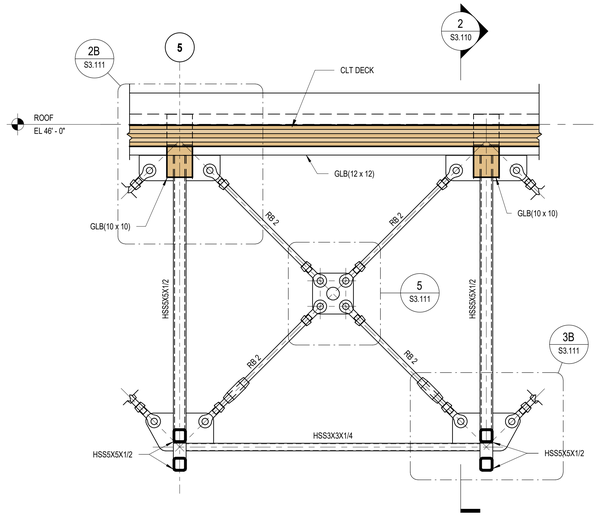
1 1 / S1.301 — **LONGITUDINAL SECTION OF TRUSS** — SCALE: 3/16" = 1'-0"



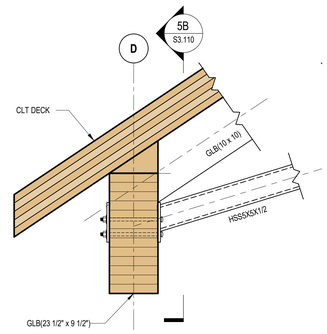
2 1 / S1.301 — **TRUSS TYPE-1** — SCALE: 1/4" = 1'-0"



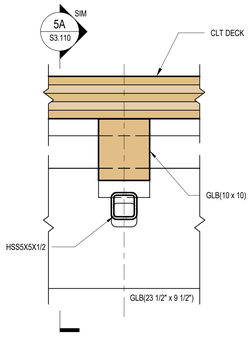
3 1 / S1.301 — **TRUSS TYPE-2** — SCALE: 1/4" = 1'-0"



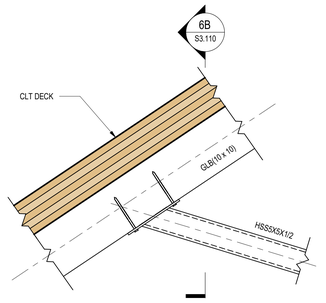
4 1 / S3.110 — **LONG. BRACING - PANEL DET.** — SCALE: 1/2" = 1'-0"



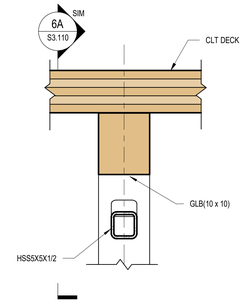
5A 2 / S3.110 — **TRUSS JOINT - DET. 1A** — SCALE: 1" = 1'-0"



5B 5A / S3.110 — **TRUSS JOINT - DET. 1B** — SCALE: 1" = 1'-0"



6A 2 / S3.110 — **TRUSS JOINT - DET. 2A** — SCALE: 1" = 1'-0"



6B 6A / S3.110 — **TRUSS JOINT - DET. 2B** — SCALE: 1" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18477 — 6/4/24 — LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG ROOF TRUSSES - SECTIONS AND DET. 1

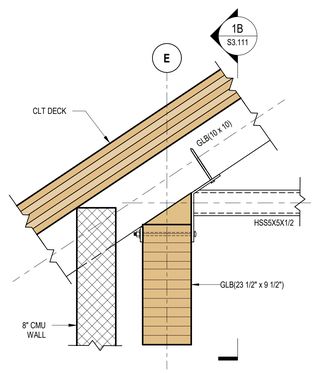
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

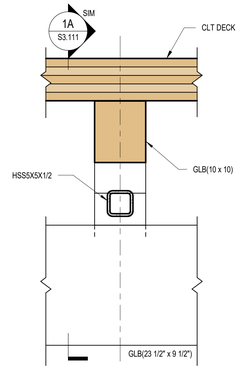
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

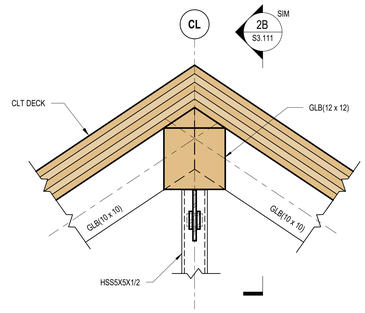
SHEET NUMBER:
S3.110



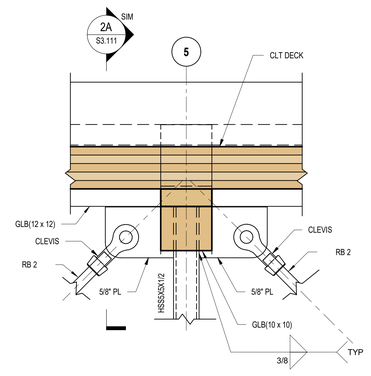
1A | **TRUSS JOINT - DET. 3A**
3 / S3.110 | SCALE: 1" = 1'-0"



1B | **TRUSS JOINT - DET. 3B**
1A / S3.111 | SCALE: 1" = 1'-0"



2A | **TRUSS JOINT - DET. 4A**
2 / S3.110 | SCALE: 1" = 1'-0"



2B | **TRUSS JOINT - DET. 4B**
4 / S3.110 | SCALE: 1" = 1'-0"

3A | **TRUSS JOINT- DET. 5A**
2 / S3.110 | NTS

3B | **TRUSS JOINT - DET. 5B**
4 / S3.110 | SCALE: 1" = 1'-0"

4 | **TRUSS JOINT - DET. 6**
3 / S3.110 | SCALE: 1" = 1'-0"

5 | **TRUSS JOINT - DET. 7**
4 / S3.110 | SCALE: 1" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INDIVIDUAL
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG ROOF TRUSSES - SECTIONS AND DET. 2

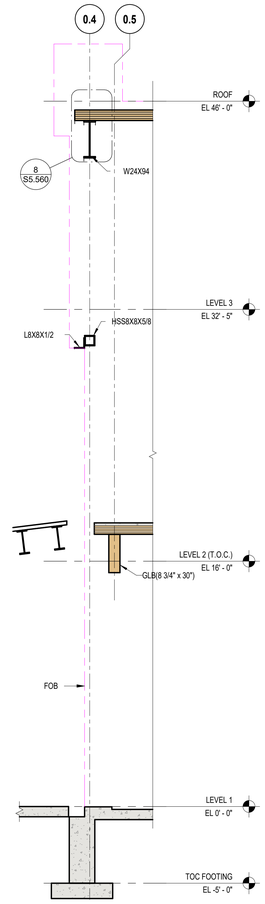
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

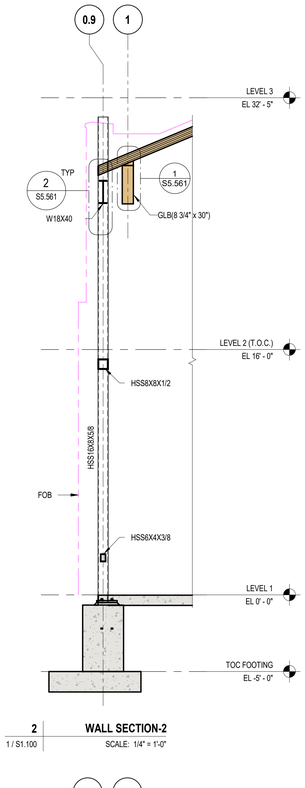
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

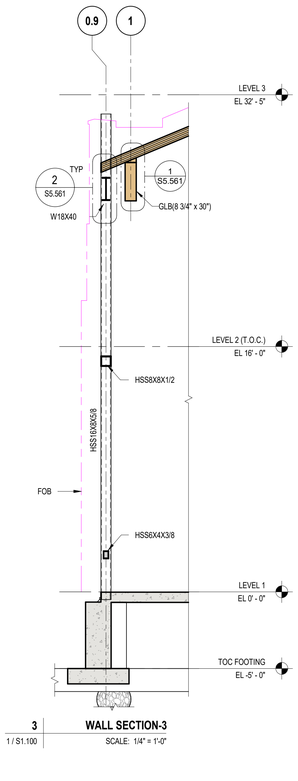
SHEET NUMBER:
S3.111



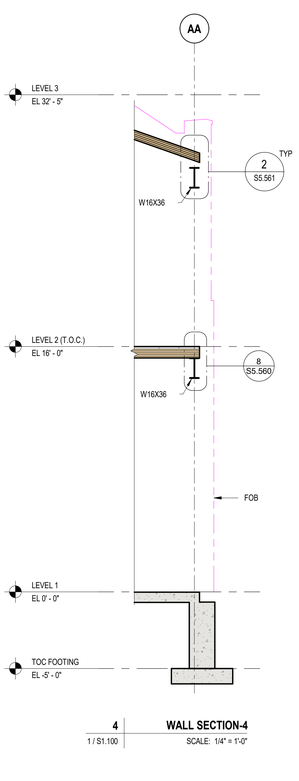
1 | **WALL SECTION-1**
1 / S1.100 | SCALE: 1/4" = 1'-0"



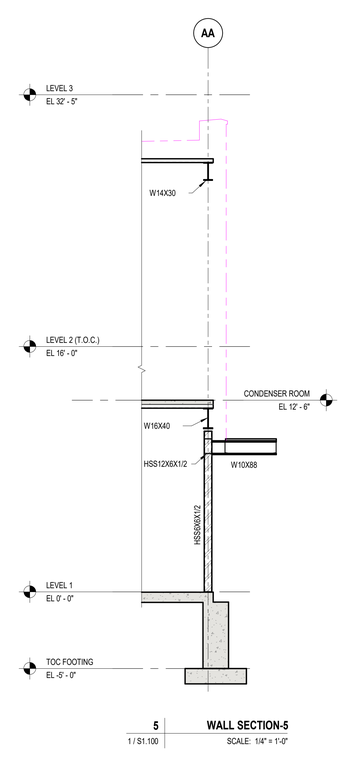
2 | **WALL SECTION-2**
1 / S1.100 | SCALE: 1/4" = 1'-0"



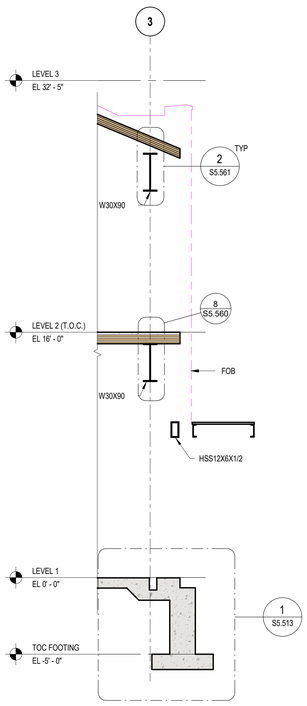
3 | **WALL SECTION-3**
1 / S1.100 | SCALE: 1/4" = 1'-0"



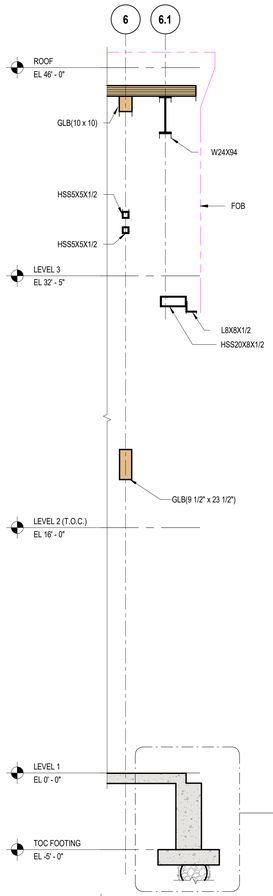
4 | **WALL SECTION-4**
1 / S1.100 | SCALE: 1/4" = 1'-0"



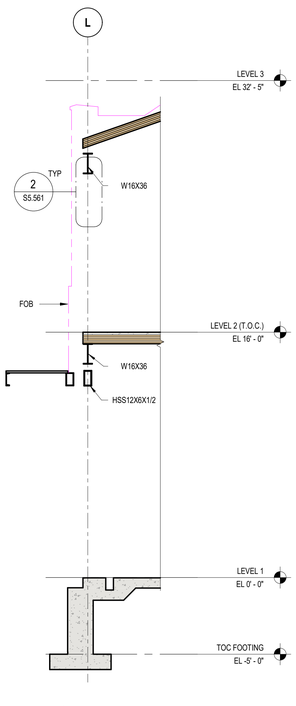
5 | **WALL SECTION-5**
1 / S1.100 | SCALE: 1/4" = 1'-0"



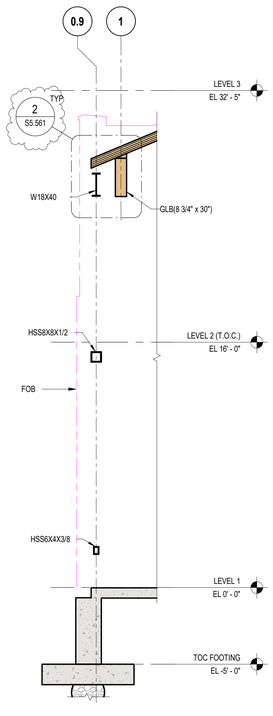
6 | **WALL SECTION-6**
1 / S1.100 | SCALE: 1/4" = 1'-0"



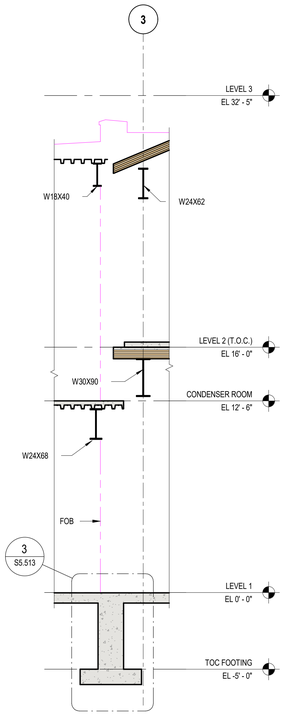
7 | **WALL SECTION-7**
1 / S1.100 | SCALE: 1/4" = 1'-0"



8 | **WALL SECTION-8**
1 / S1.100 | SCALE: 1/4" = 1'-0"



9 | **WALL SECTION-9**
1 / S1.100 | SCALE: 1/4" = 1'-0"



10 | **WALL SECTION-10**
1 / S1.100 | SCALE: 1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INJ
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
1	Date 2	Revision 1	

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BLDG EXTERIOR WALL SECTIONS

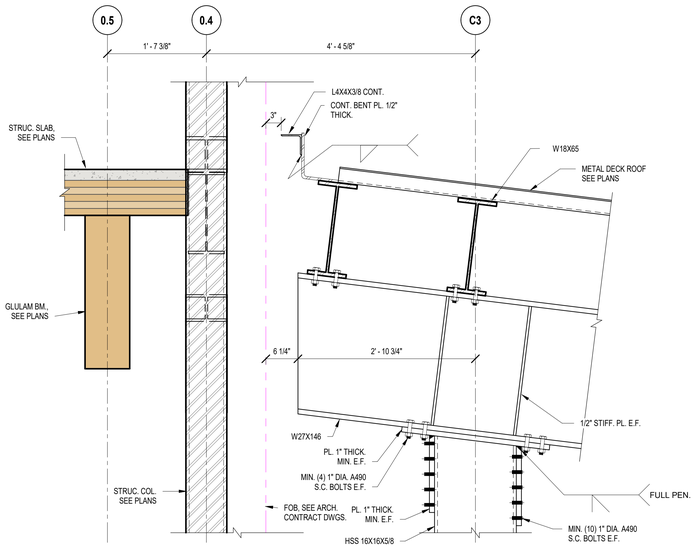
CONTRACT DOCUMENTS

DISCIPLINE:
STRUCTURAL

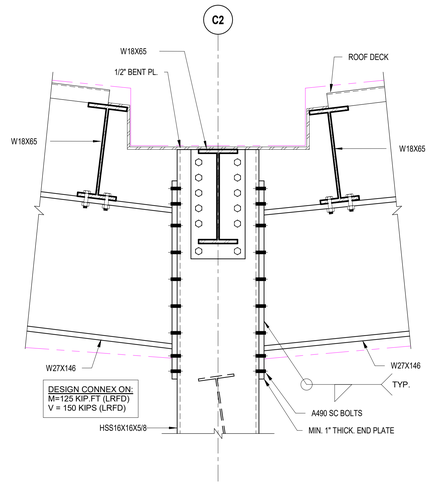
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS		ME

SCALE: AS NOTED
DATE: 03/08/2024

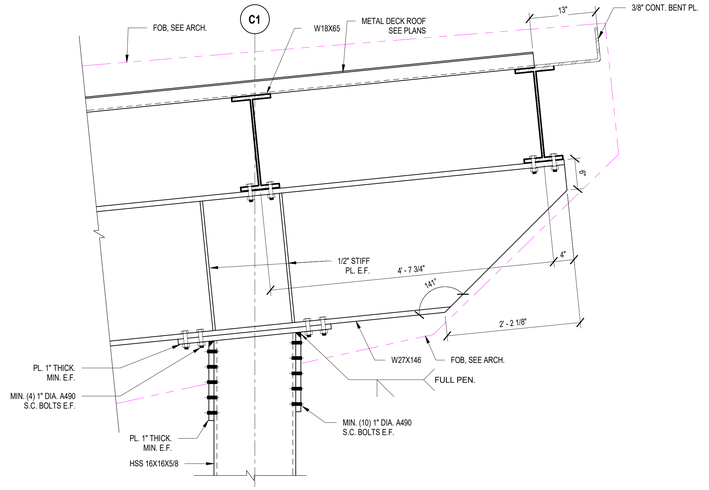
SHEET NUMBER:
S3.114



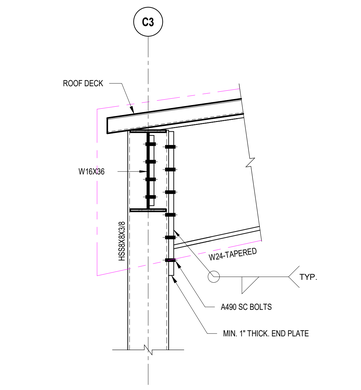
1 | **SECTION DETAIL - MAIN ENTRANCE CANOPY AT BUILDING**
2 / S3.107 | SCALE: 1" = 1'-0"



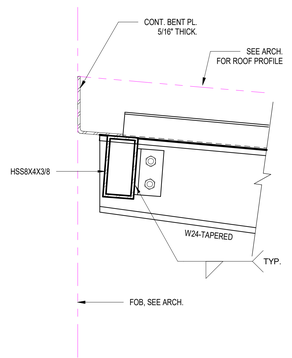
2 | **SECTION DETAIL - MAIN ENTRANCE CANOPY AT GUTTER**
2 / S3.107 | SCALE: 1" = 1'-0"



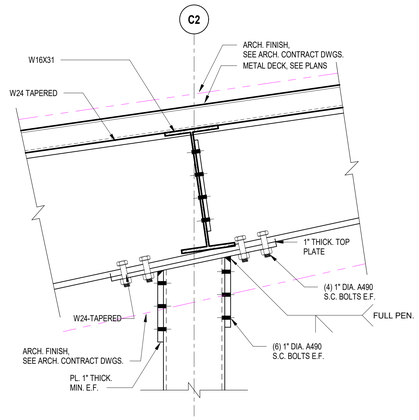
3 | **SECTION DETAIL - MAIN ENTRANCE CANOPY EDGE DETAIL**
2 / S3.107 | SCALE: 1" = 1'-0"



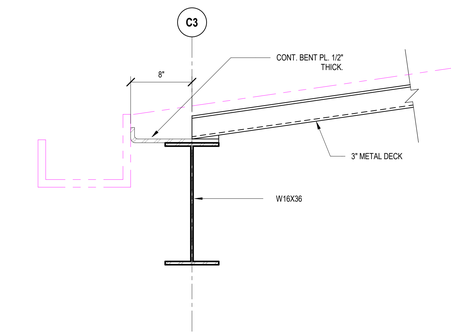
6 | **SECTION DETAIL - LOWER CANOPY EDGE COLUMN**
5 / S3.107 | SCALE: 1" = 1'-0"



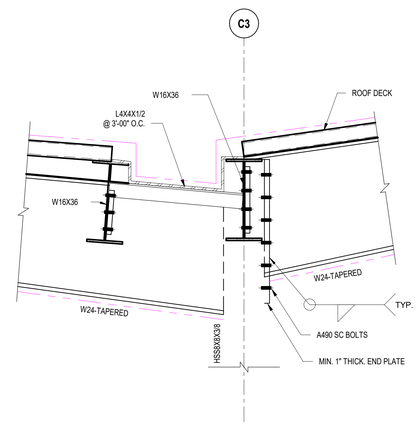
4 | **SECTION DETAIL - LOWER CANOPY EDGE HSS BEAM**
4 / S3.107 | SCALE: 1 1/2" = 1'-0"



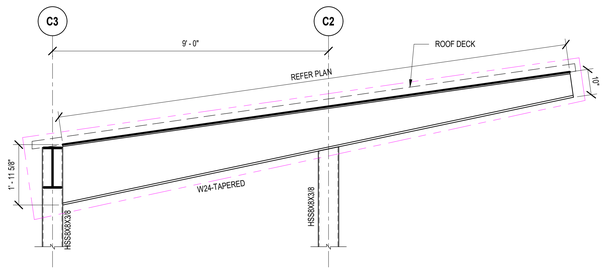
12SECTION DETAIL - LOWER CANOPY CONNEX TO CENTER COLUMN
5 / S3.107 | SCALE: 1 1/2" = 1'-0"



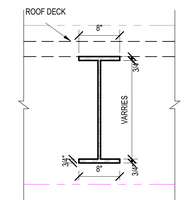
7 | **SECTION DETAIL - LOWER CANOPY EDGE W-BEAM**
2 / S1.701 | SCALE: 1 1/2" = 1'-0"



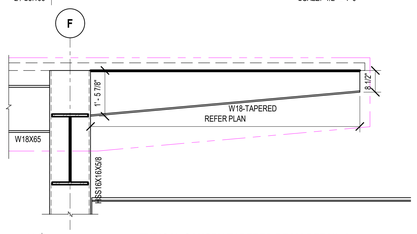
5 | **SECTION DETAIL - LOWER CANOPY AT GUTTER**
4 / S3.107 | SCALE: 1" = 1'-0"



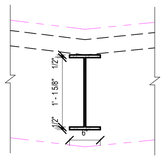
10 | **TYPICAL CANOPY TAPERED BEAM DETAIL-1**
2 / S3.106 | SCALE: 1/2" = 1'-0"



8 | **CROSS SECTION**
SCALE: 1" = 1'-0"



11 | **TYPICAL CANOPY TAPERED BEAM DETAIL-2**
1 / S3.107 | SCALE: 1/2" = 1'-0"



9 | **CROSS SECTION**
SCALE: 1" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CANOPIES DETAILED SECTIONS

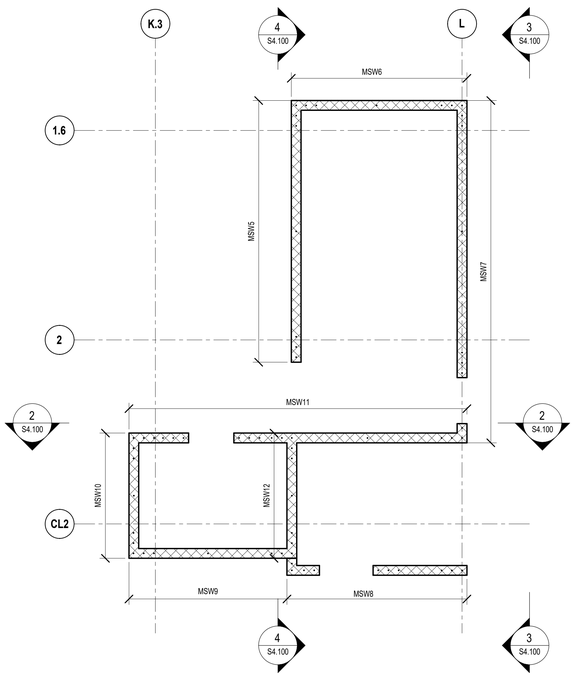
CONTRACT DOCUMENTS

DISCIPLINE:
STRUCTURAL

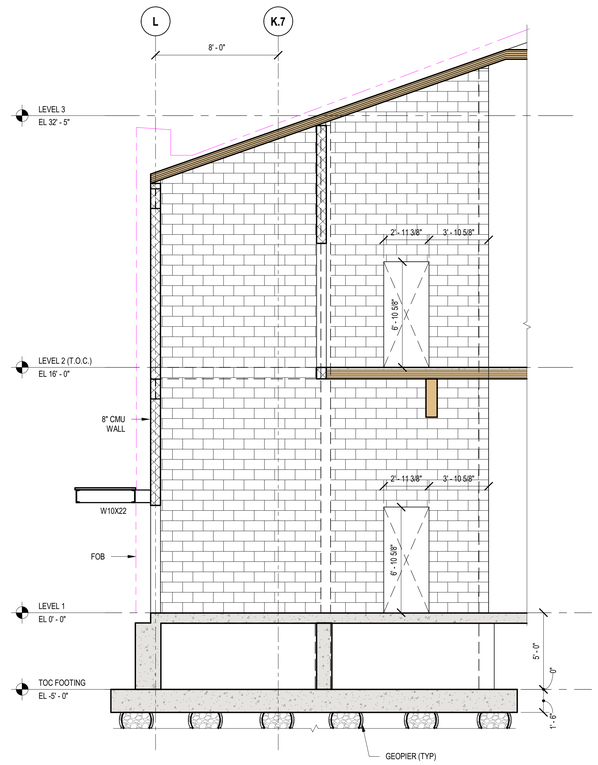
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS		ME

SCALE: AS NOTED
DATE: 03/08/2024

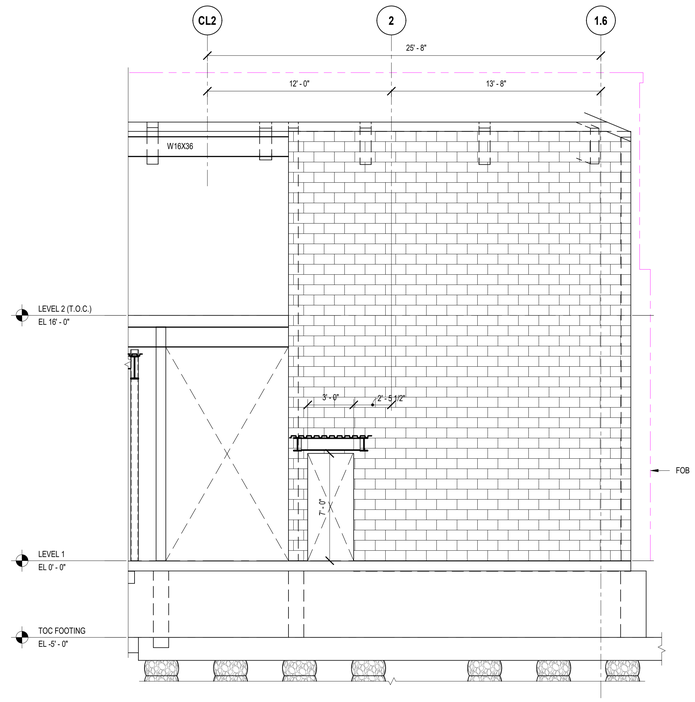
SHEET NUMBER:
S3.115



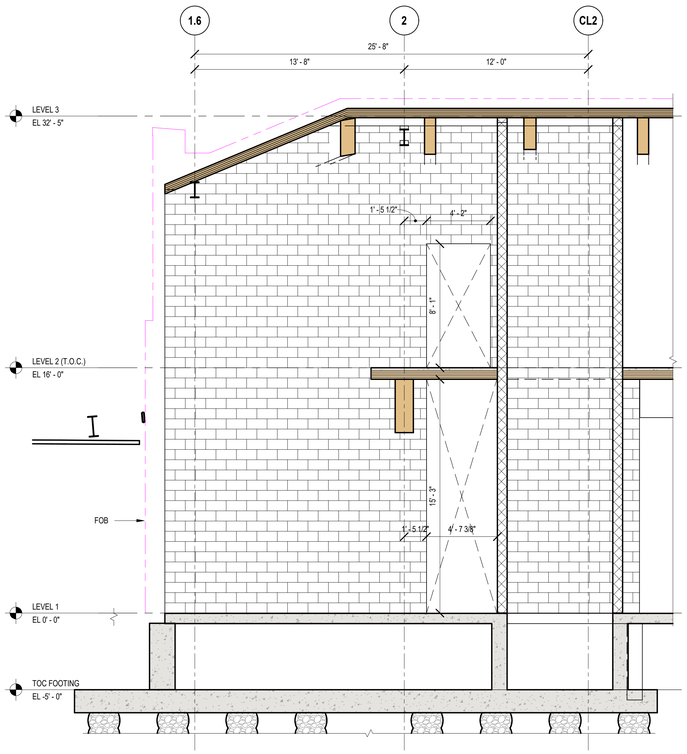
1 | EAST SIDE STAIR & ELEVATOR - CMU SHEAR WALLS PLAN
1 / S1.101 | SCALE: 1/4" = 1'-0"



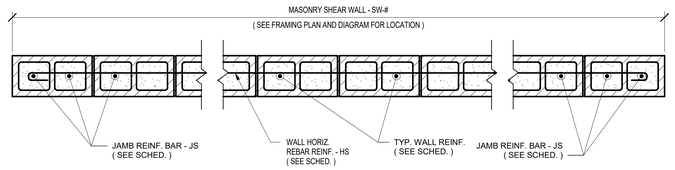
2 | MSW 11 - ELEVATION
1 / S4.100 | SCALE: 1/4" = 1'-0"



3 | MSW7 - ELEVATION
1 / S4.100 | SCALE: 1/4" = 1'-0"



4 | MSW5 & MSW12 ELEVATION
1 / S4.100 | SCALE: 1/4" = 1'-0"



5 | CMU SHEAR WALL REINF. DIAGRAM
S4.100 | NTS

MASONRY SHEAR WALL REINF. SCHEDULE

SHEARWALL MARK	WALL REINFORCEMENT			GROUT	BOND TYPE
	JS (JAMB STEEL)	HS (HORIZONTAL)	TYP. REINF		
MSW1	3#6	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW2	3#6	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW3	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW4	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW5	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW6	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW7	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW8	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW9	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW10	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW11	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW12	3#5	(2) #4 @ 48" O.C.	#5@8" O.C.	FULLY GROUTED	RUNNING
MSW13	3#6	(2) #4 @ 48" O.C.	#6@8" O.C.	FULLY GROUTED	RUNNING
MSW14	3#6	(2) #4 @ 48" O.C.	#6@8" O.C.	FULLY GROUTED	RUNNING
MSW15	3#6	(2) #4 @ 48" O.C.	#6@8" O.C.	FULLY GROUTED	RUNNING
MSW16	3#6	(2) #4 @ 48" O.C.	#6@8" O.C.	FULLY GROUTED	RUNNING

NOTES:
1. SEE CMU NOTES ON S0.001.
2. ALL MASONRY SHEAR WALLS SHALL BE RUNNING BOND U/ON IN THE SCHEDULE.
3. HORIZONTAL REINFORCEMENT TO BE PLACED IN BOND BEAMS.
4. FOR REINFORCEMENT LAP SPLICE LENGTH SEE SCHEDULE DWG. S5.550.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INJ
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY
1	Date 2	Revision 1	

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LFRS - CMU WALLS 1

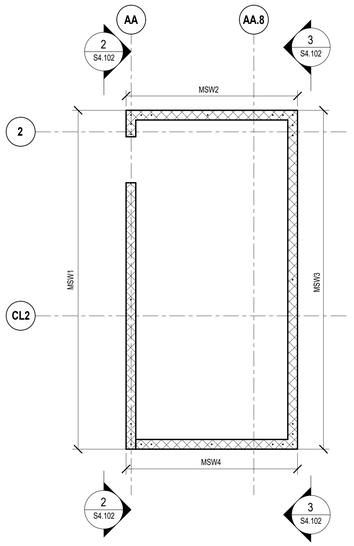
CONTRACT DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS		ME

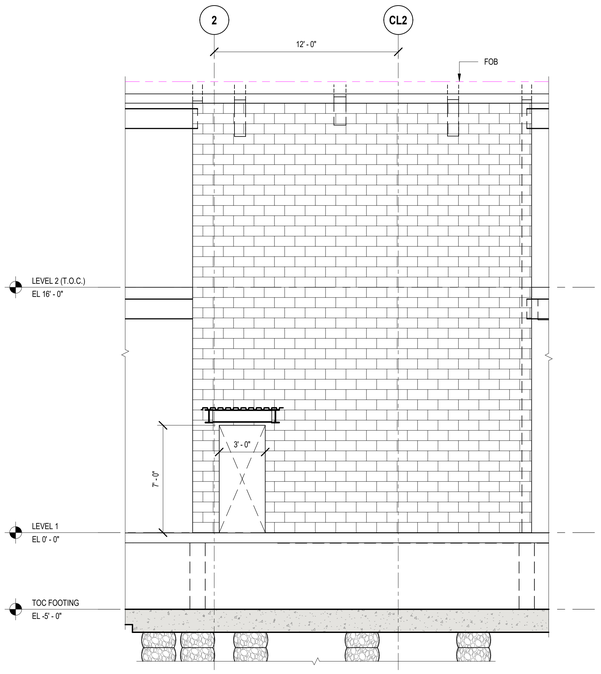
SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
S4.100

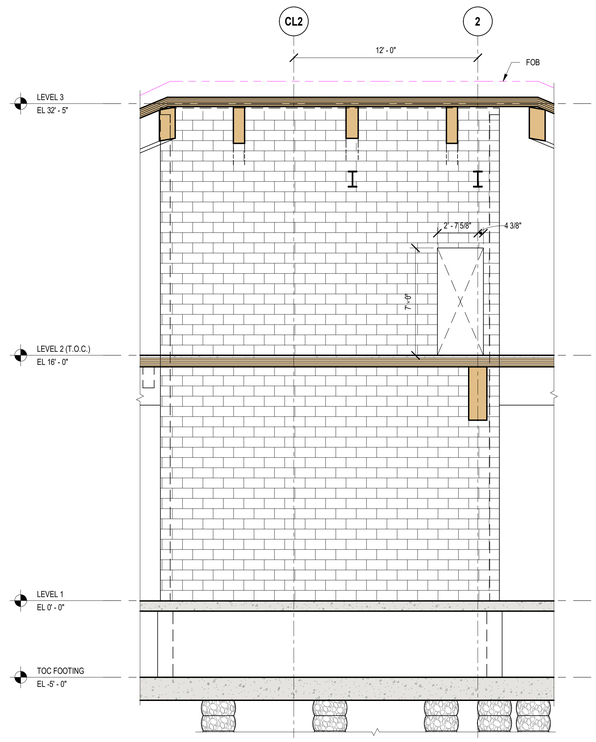


NOTE: FOR DETAILS OF SHEARWALL REINFORCEMENT SEE DWG. S4.100

1 / S1.101 — **1 WEST SIDE STAIR - CMU SHEAR WALLS PLAN**
SCALE: 1/4" = 1'-0"



1 / S4.102 — **2 MSW1 - ELEVATION**
SCALE: 1/4" = 1'-0"



1 / S4.102 — **3 MSW3 - ELEVATION**
SCALE: 1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LFRS - CMU WALLS 2

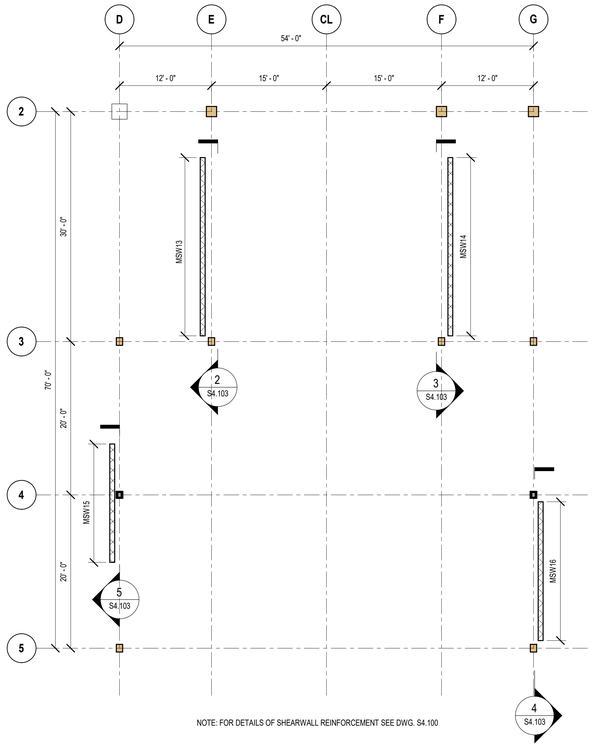
CONTRACT DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS		ME

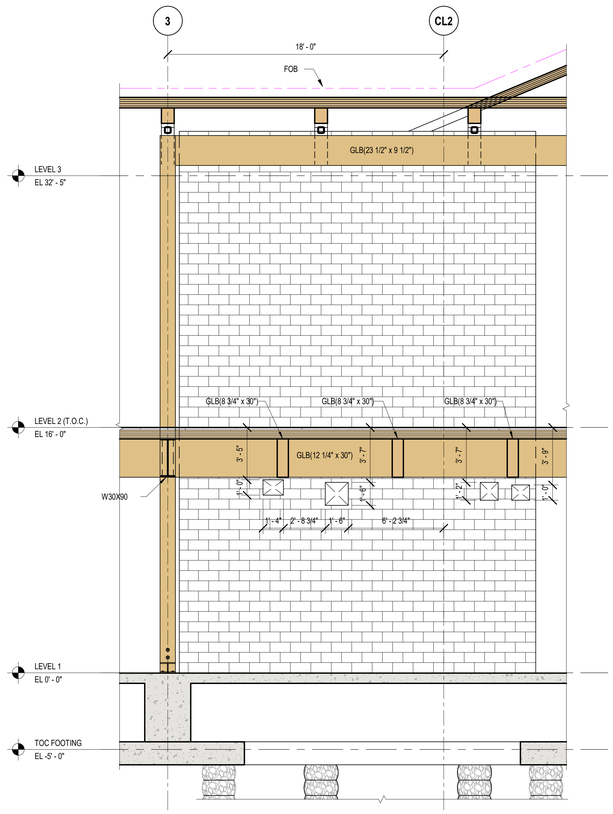
SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
S4.102

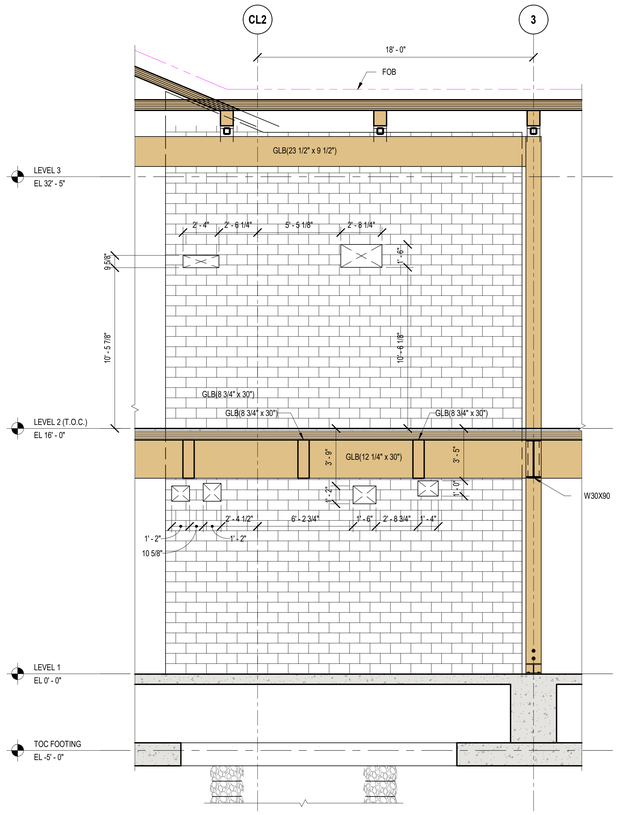


NOTE: FOR DETAILS OF SHEARWALL REINFORCEMENT SEE DWG. S4.100

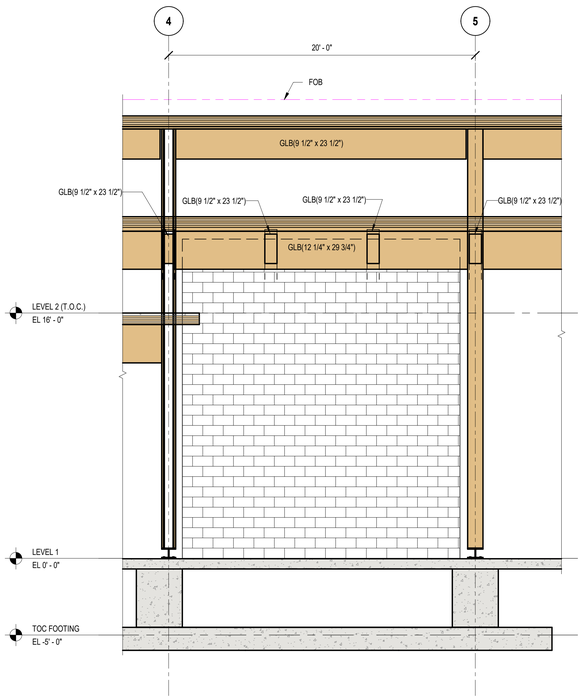
1 BLDG CENTER - CMU SHEAR WALL PLAN
1 / S1.101 SCALE: 1/8" = 1'-0"



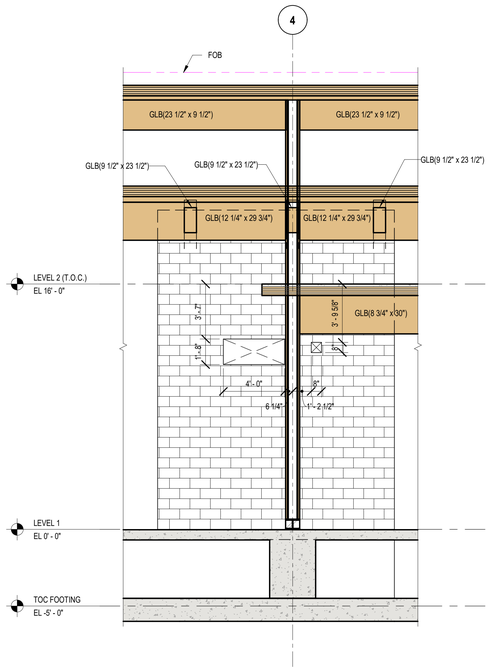
2 MSW13 - ELEVATION
1 / S4.103 SCALE: 1/4" = 1'-0"



3 MSW14 - ELEVATION
1 / S4.103 SCALE: 1/4" = 1'-0"



4 MSW16 - ELEVATION
1 / S4.103 SCALE: 1/4" = 1'-0"



5 MSW15 - ELEVATION
1 / S4.103 SCALE: 1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INJ
18473
6/4/24
LICENSED
PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LFRS - CMU WALL 3

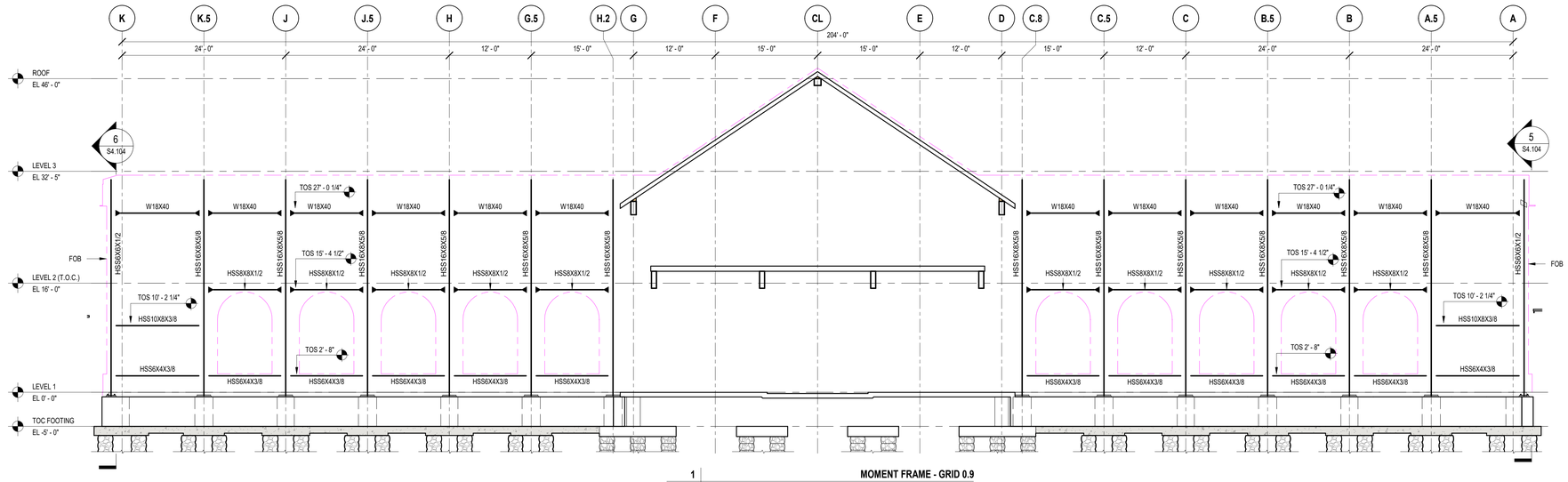
CONTRACT DOCUMENTS

DISCIPLINE:
STRUCTURAL

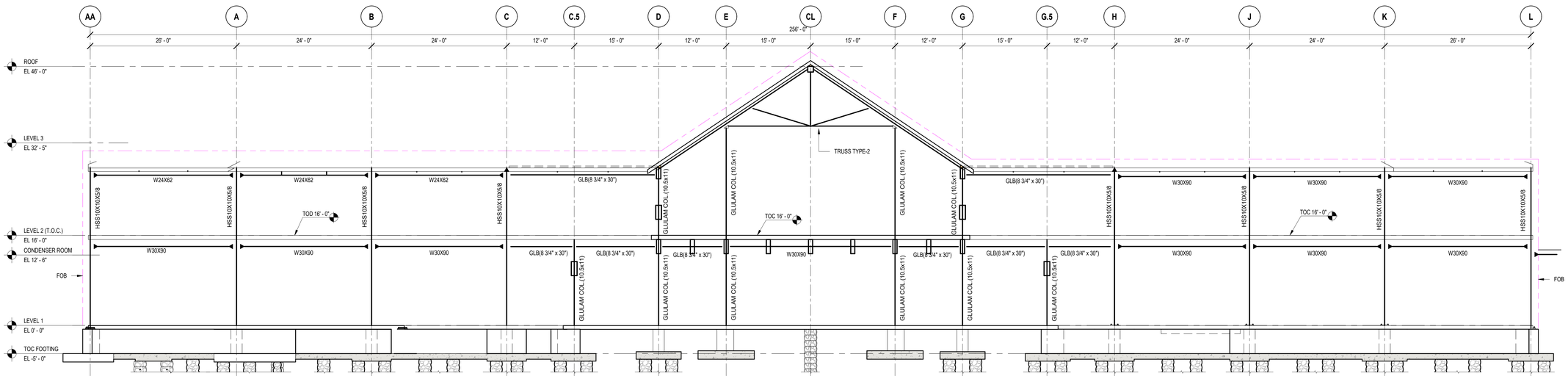
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS		ME

SCALE: AS NOTED
DATE: 03/08/2024

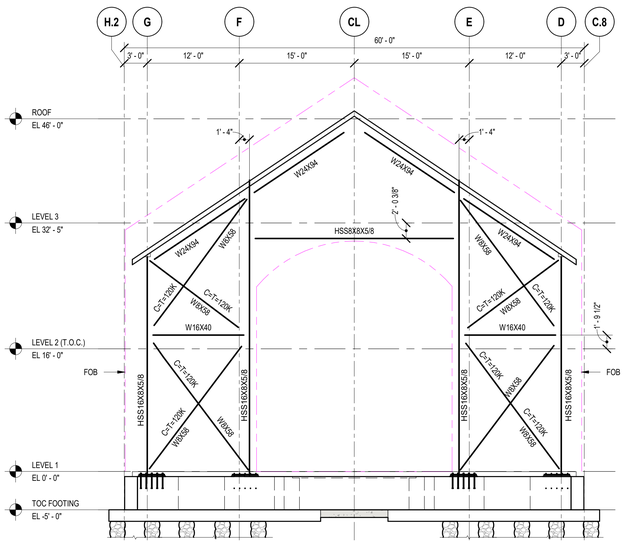
SHEET NUMBER:
S4.103



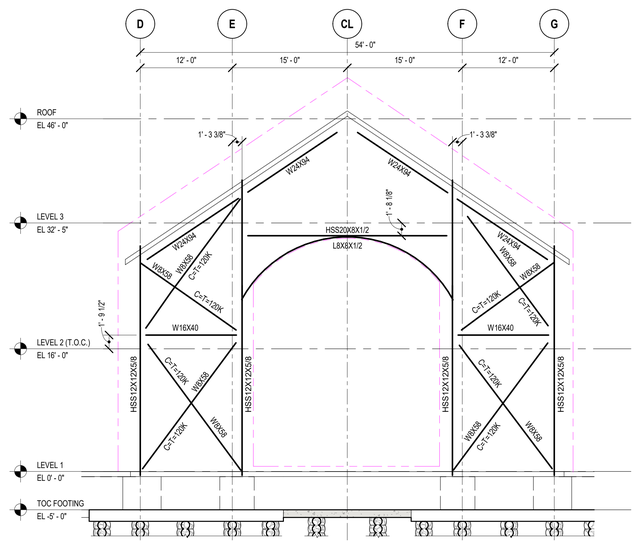
1 **MOMENT FRAME - GRID 0.9**
SCALE: 1/8" = 1'-0"



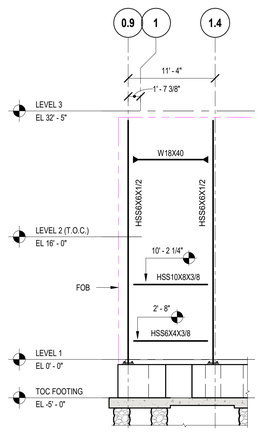
2 **MOMENT FRAME - GRID 3**
1 / S3.110 SCALE: 1/8" = 1'-0"



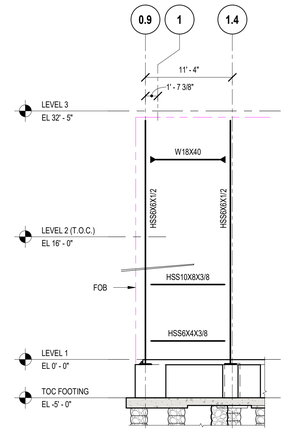
3 **BRACE FRAME - GRID 0.4**
1 / S1.100 SCALE: 1/8" = 1'-0"



4 **BRACE FRAME - GRID 6.1**
1 / S1.100 SCALE: 1/8" = 1'-0"



5 **SECTION 1**
1 / S4.104 SCALE: 1/8" = 1'-0"



6 **SECTION 2**
1 / S1.100 SCALE: 1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INDIVIDUAL
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LRFS - STEEL MOMENT / BRACE FRAMES 1

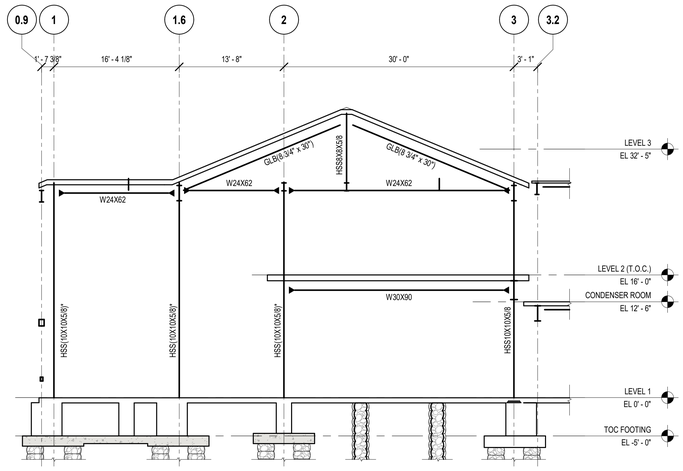
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

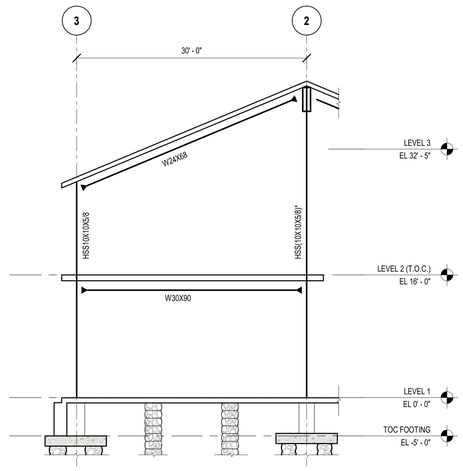
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

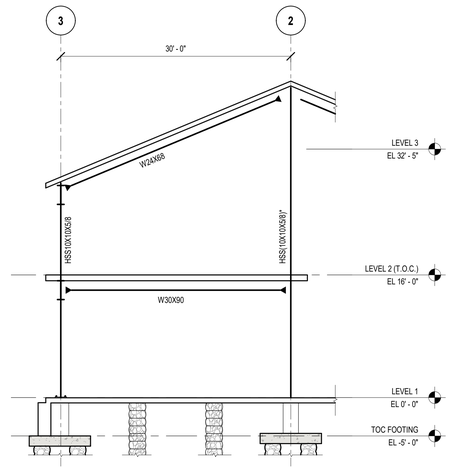
SHEET NUMBER:
S4.104



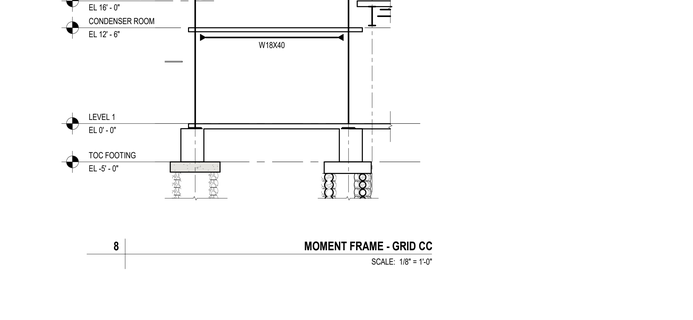
1 — **MOMENT FRAME - GRID A**
4 / S3.103 — SCALE: 1/8" = 1'-0"



2 — **MOMENT FRAME - GRID C**
3 / S3.104 — SCALE: 1/8" = 1'-0"



3 — **MOMENT FRAME - GRID H**
2 / S3.106 — SCALE: 1/8" = 1'-0"

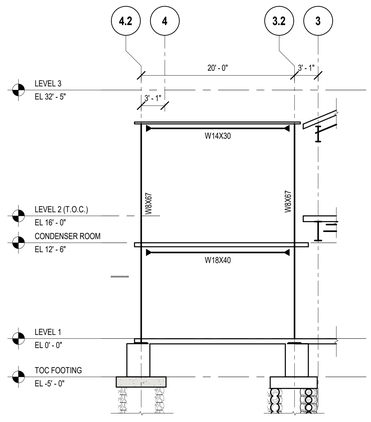


4 — **MOMENT FRAME - GRID K**
4 / S3.106 — SCALE: 1/8" = 1'-0"

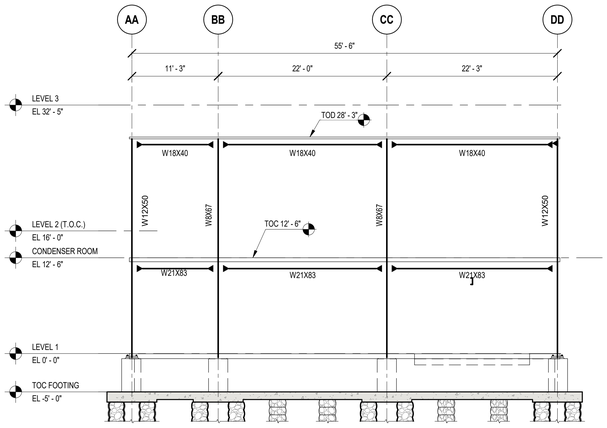
5 — **MOMENT FRAME - GRID AA**
1 / S3.104 — NTS

6 — **MOMENT FRAME - GRID DD**
2 / S3.104 — SCALE: 1/8" = 1'-0"

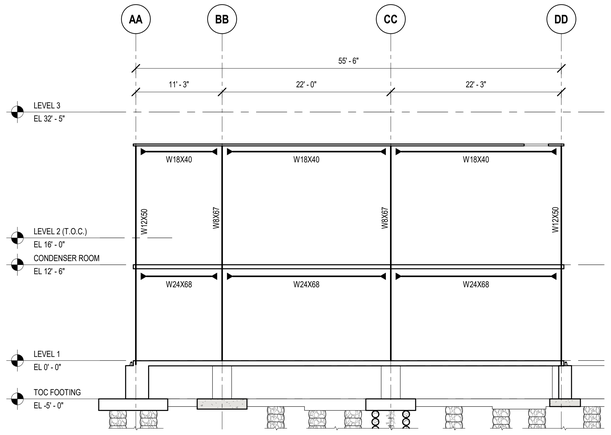
7 — **MOMENT FRAME - GRID BB**
SCALE: 1/8" = 1'-0"



8 — **MOMENT FRAME - GRID CC**
SCALE: 1/8" = 1'-0"



9 — **MOMENT FRAME - GRIDL 4.2**
1 / S3.104 — SCALE: 1/8" = 1'-0"



10 — **MOMENT FRAME - GRID 3.2**
1 / S3.104 — SCALE: 1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LRFS - STEEL MOMENT / BRACE FRAMES 2

BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S4.105

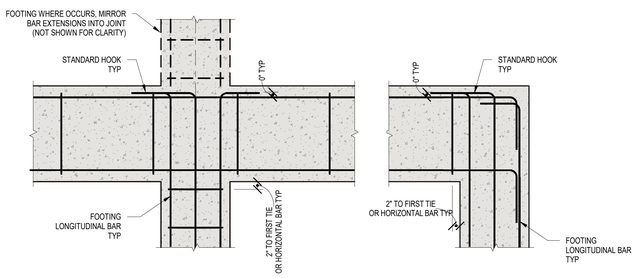
FOUNDATIONS SCHEDULE
(4.0K/SF SOIL ALLOW. BEARING)

MARK	SIZE			BOTTOM REINFORCEMENT		TOP REINFORCEMENT		SIDE BARS	REMARKS
	LENGTH	WIDTH	THICKNESS	B1	B2	T1	T2		
F40	4' - 0"	4' - 0"	1' - 4"	#5 @ 8" O.C.	#5 @ 8" O.C.	------	------	-	-
F55	5' - 6"	5' - 6"	1' - 4"	#5 @ 8" O.C.	#5 @ 8" O.C.	------	------	-	-
F60	6' - 0"	6' - 0"	1' - 4"	#5 @ 8" O.C.	#5 @ 8" O.C.	------	------	-	-
F65	6' - 6"	6' - 6"	1' - 4"	#5 @ 8" O.C.	#5 @ 8" O.C.	------	------	-	-
F60-70	6' - 0"	7' - 0"	1' - 4"	#5 @ 8" O.C.	#5 @ 8" O.C.	------	------	-	-
F70	7' - 0"	7' - 0"	1' - 4"	#5 @ 8" O.C.	#5 @ 8" O.C.	------	------	-	-
F75	7' - 6"	7' - 6"	1' - 4"	#5 @ 8" O.C.	#5 @ 8" O.C.	------	------	-	-
F70-80	7' - 0"	8' - 0"	1' - 4"	#6 @ 6" O.C.	#6 @ 6" O.C.	------	------	-	-
F80	8' - 0"	8' - 0"	1' - 4"	#5 @ 8" O.C.	#5 @ 8" O.C.	------	------	-	-
F90	9' - 0"	9' - 0"	1' - 4"	#6 @ 8" O.C.	#6 @ 8" O.C.	------	------	-	-
F100	10' - 00"	10' - 00"	1' - 6"	#7 @ 8" O.C.	#7 @ 8" O.C.	#6 @ 8" O.C.	#6 @ 8" O.C.	-	-
F100-140	10' - 0"	14' - 0"	1' - 6"	#7 @ 8" O.C.	#7 @ 8" O.C.	#6 @ 8" O.C.	#6 @ 8" O.C.	-	-
M1	SEE PLANS		1' - 6"	#8 @ 8" O.C.	#8 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	-	-
M2	SEE PLANS		1' - 6"	#8 @ 8" O.C.	#8 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	-	FOR ELEVATOR SLAB REINF SEE DWG. S.514
M3	SEE PLANS		1' - 6"	#8 @ 8" O.C.	#8 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	-	-
M4	SEE PLANS		1' - 6"	#7 @ 8" O.C.	#7 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	-	-
CF1	SEE PLANS		1' - 6"	#5 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	-	-
CF2	SEE PLANS		1' - 6"	#5 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	-	-
CF3	SEE PLANS		1' - 6"	#5 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	#5 @ 8" O.C.	-	-
WF1	SEE PLANS		1' - 0"	#5 @ 12" O.C.	#5 @ 12" O.C.	#5 @ 12" O.C.	#5 @ 12" O.C.	-	-

SCHEDULE OF TIE BEAMS

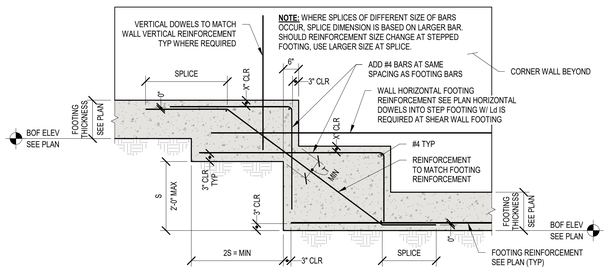
BEAM MARK	WIDTH	DEPTH	LONGITUDNAL REINFORCEMENT		LINK REINFORCEMENT S1		SIDE BARS E.F.	REMARKS
			TOP (T)	BOTTOM (B)	INNER	OUTER		
TB-01	24"	18"	(4)#8 + (4)#8	(4)#8 + (2)#8	2L#4@6"	2L#4@6"	#6@8" O.C. E.F.	OUTER CLOSED STIRRUPS
TB-02	16"	32"	(3)#8 + (3)#8	(3)#8 + (3)#8	2L#4@8"	2L#4@8"	#6@8" O.C. E.F.	OUTER CLOSED STIRRUPS

NOTES:
1. REFER TO FOUNDATION PLANS FOR STRAP BEAMS LOCATIONS.
2. REFER TO SHEET S701 FOR STRAP BEAMS TYPICAL DETAILS.

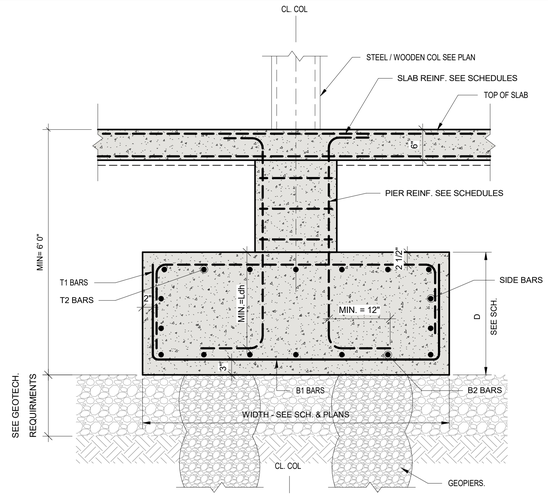


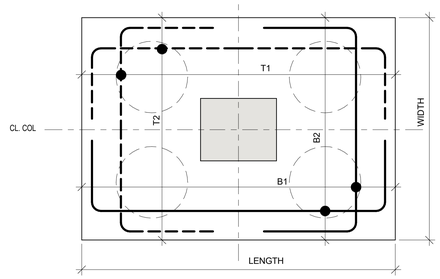
PLAN

3 CONTINUOUS FOOTING INTERSECTION
NTS



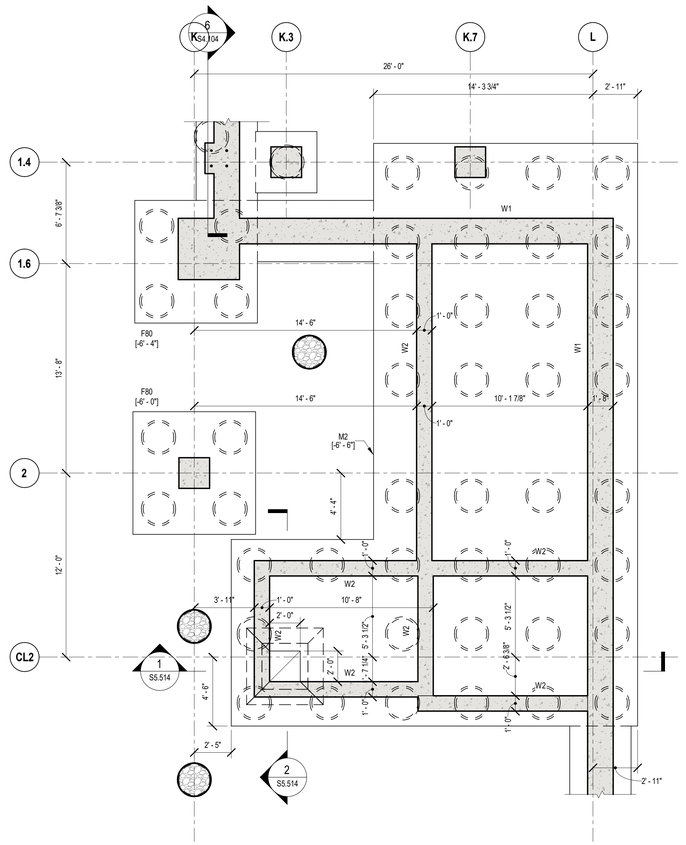
4 STEP FOOTING DETAIL - OPTION 1
NTS



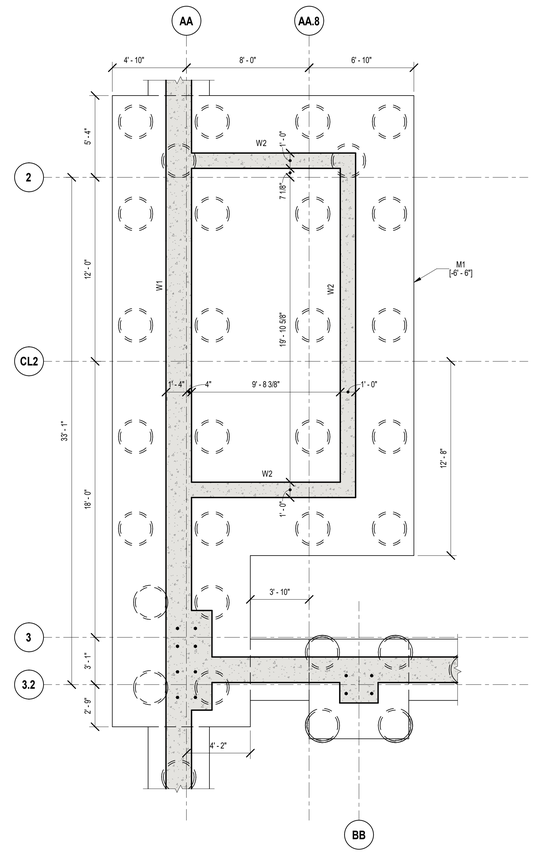


NOTE: SEE SCHEDULES FOR DIMENSIONS AND REINFORCEMENT

2 TYP CONC FOOTING COLUMN / PIER / BTRS
SCALE: 1" = 1'-0"



6 FOUNDATION PART PLAN FOR STAIR AND ELEVATOR PIT
1 / S1.100 NTS



7 FOUNDATION PART PLAN FOR STAIR
1 / S1.100 SCALE: 1/4" = 1'-0"

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
10477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CONCRETE FOOTING DETAILS

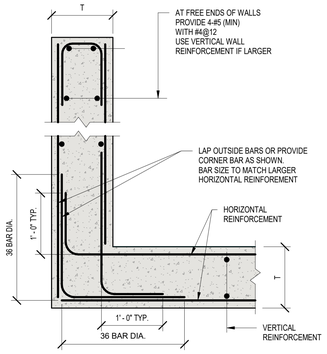
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

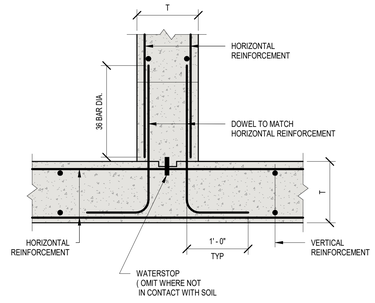
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

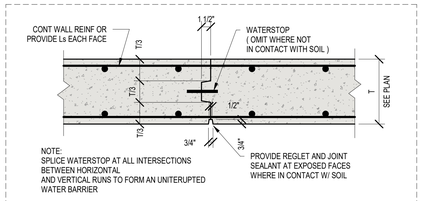
SHEET NUMBER:
S5.510



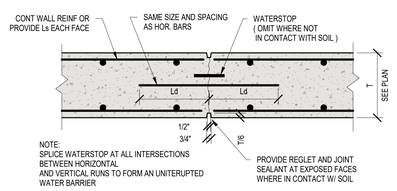
HORIZONTAL REINFORCEMENT OF CONCRETE WALLS AT CORNERS AND AT FREE ENDS



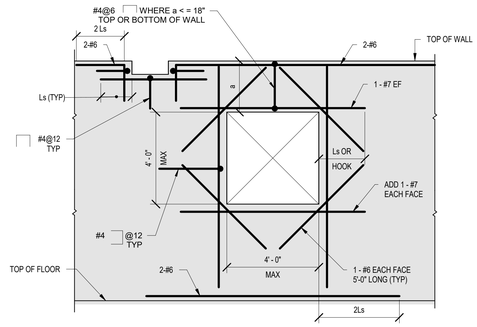
HORIZONTAL REINFORCEMENT OF CONCRETE WALLS AT INTERSECTIONS



PLAN WALL CONSTRUCTION JOINT



PLAN WALL CONTROL JOINT



NOTES:

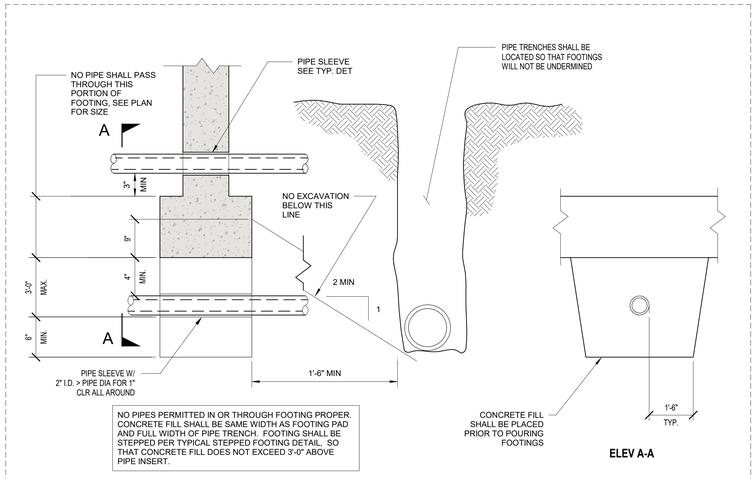
1. ALL REINFORCEMENT SHOWN IS IN ADDITION TO TYPICAL WALL REINFORCEMENT.
2. ADD HALF THE EQUIVALENT INTERRUPTED VERTICAL REINFORCEMENT ON EACH SIDE OF THE OPENING. WHERE REINFORCEMENT CANNOT BE EXTENDED, HOOK ALL REINFORCEMENT THAT IS AFFECTED.

1 | CONC. WALL TYP. DETAIL - 1 | NTS

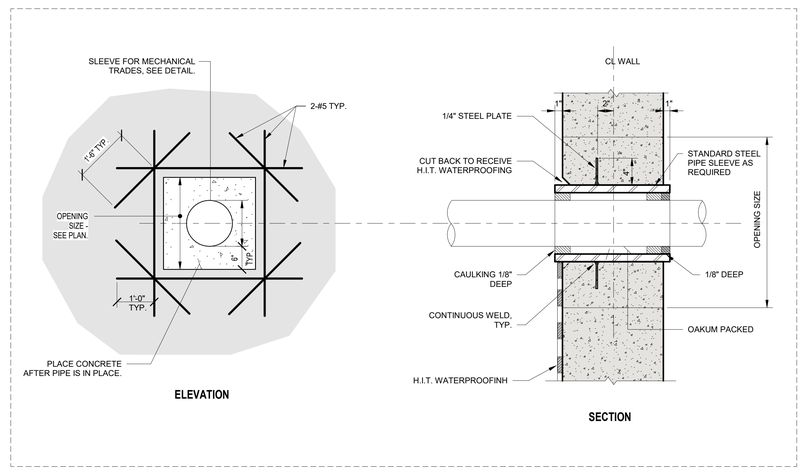
2 | CONC. WALL TYP. DETAIL - 2 | NTS

3 | CONC. WALL TYP. DETAIL - 3 | NTS

4 | OPENING IN REINF CONC WALLS | NTS



5 | TYP. PIPE AND TRENCH DET. | NTS



6 | TYP. PIPE SLEEVE DET. | NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE
PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:

BID DOCUMENTS

REGISTRATION STAMP:

STATE OF MAINE
MOSTAFA ELMORSI
10847
LICENSED PROFESSIONAL ENGINEER
6/4/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:

60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:

CONCRETE WALL DETAILS

BID DOCUMENTS

DISCIPLINE:

STRUCTURAL

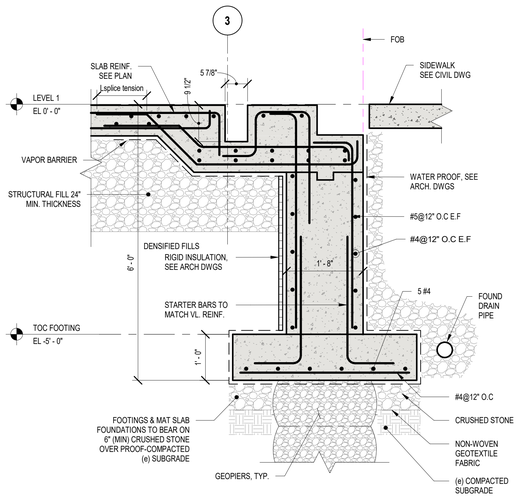
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED

DATE: 06/05/2024

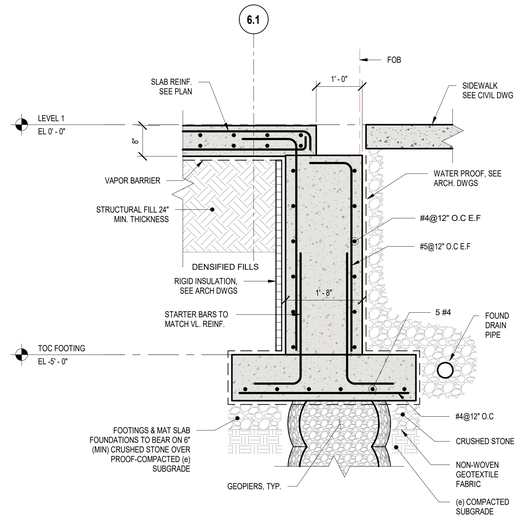
SHEET NUMBER:

S5.512



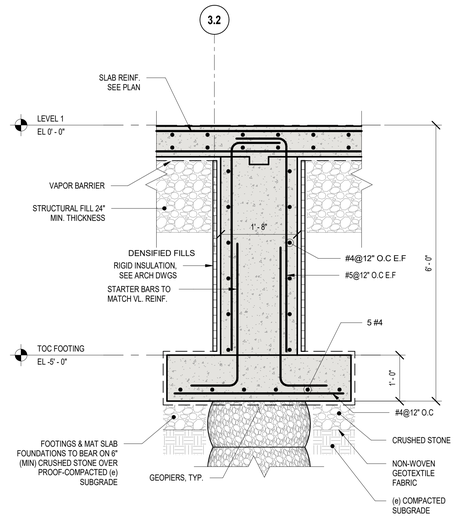
1 | 6 / S3.114 — **TYPICAL FOUND. WALL REINF. DETAIL - 1**

SCALE: 3/4" = 1'-0"



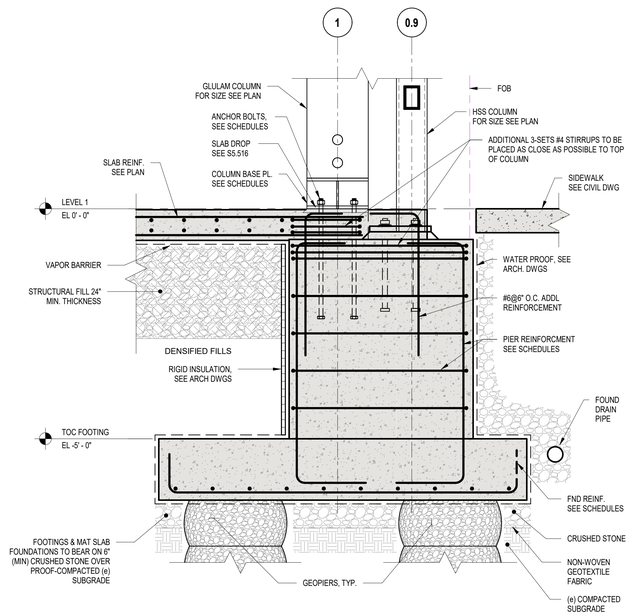
2 | 7 / S3.114 — **TYPICAL FOUND WALL REINF. DETAIL - 2**

SCALE: 3/4" = 1'-0"



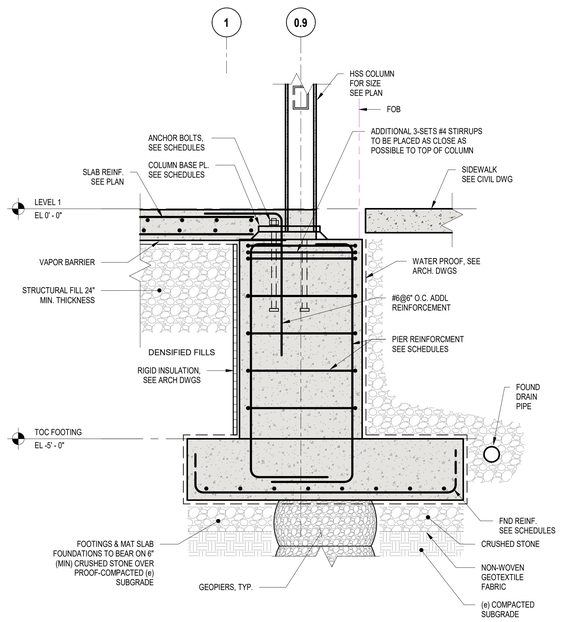
3 | 10 / S3.114 — **TYPICAL FOUND WALL REINF. DETAIL - 3**

SCALE: 3/4" = 1'-0"



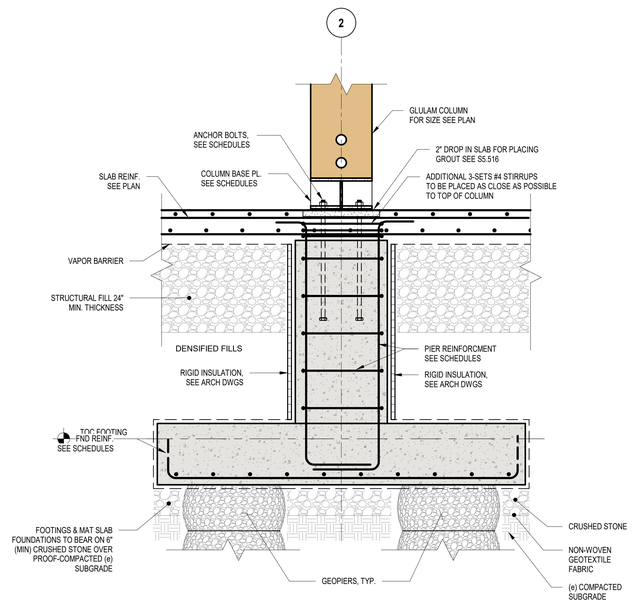
4 | 5 / S2.101 — **TYPICAL DETAIL FOR EXTERIOR FOUNDATION SUPPORTING STEEL COLUMN TYPE - 1**

SCALE: 3/4" = 1'-0"



5 | 2 / S2.101 — **TYPICAL DETAIL FOR EXTERIOR FOUNDATION SUPPORTING STEEL COLUMN TYPE - 2**

SCALE: 3/4" = 1'-0"



6 | 5 / S2.103 — **TYPICAL DETAIL FOR INTERIOR FOUNDATION SUPPORTING CONC. PIER/ GLULAM COLUMN**

SCALE: 3/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
FOUND WALL REINFORCEMENT DETAILS

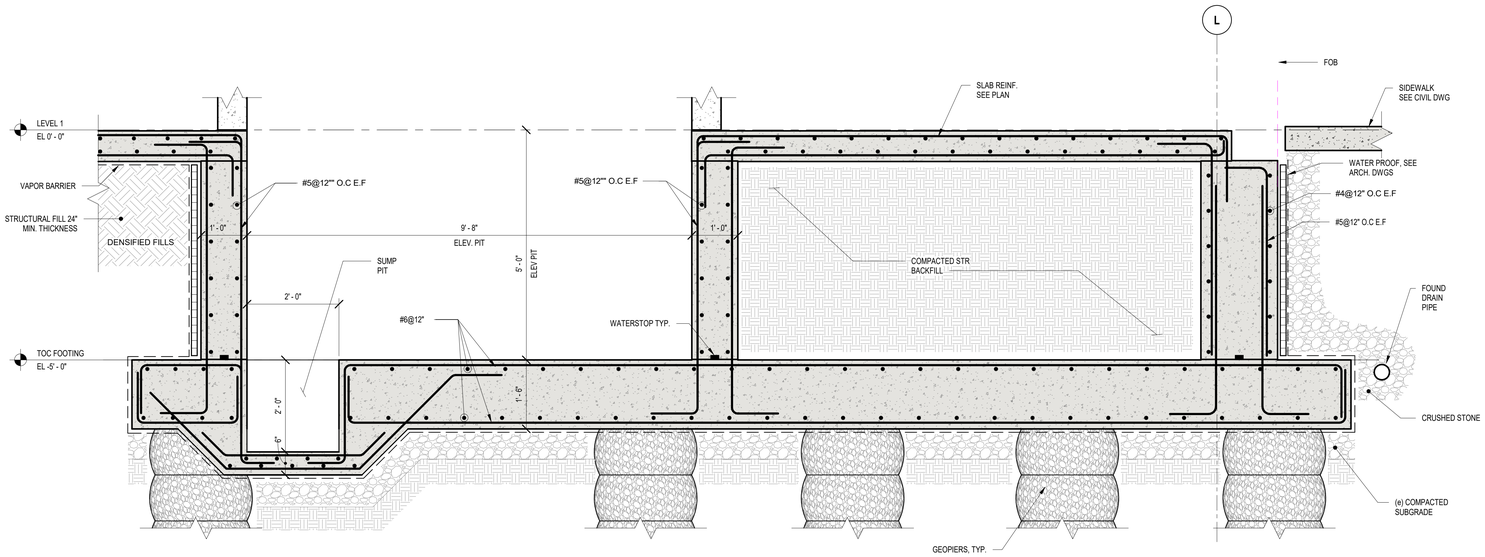
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

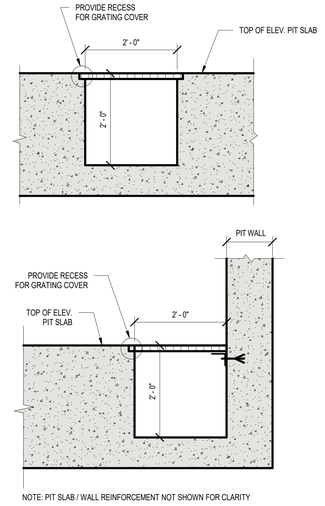
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S5.513



1 ELEVATOR PIT SECTION 1
6 / S5.510 — SCALE: 3/4" = 1'-0"

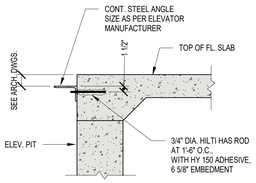


NOTE: PIT SLAB / WALL REINFORCEMENT NOT SHOWN FOR CLARITY

3 ELEV. SUMP PIT TYP. DETAIL
S5.514 — NTS

2 ELEVATOR PIT SECTION 2
6 / S5.510 — SCALE: 3/4" = 1'-0"

ON RECESS IN CONCRETE



ON STEEL ANGLE

NOTE: FOR BALANCE OF INFO. SEE ELEVATOR PIT SECTIONS AND TYP. S.O.G EDGE DETAILS

4 TYP. ELEV. PIT SILL TYP. DET.
S5.514 — NTS

5 ELEV. PIT BOTTOM SLAB PLAN
1 / S1.100 — SCALE: 1/2" = 1'-0"

NOTE: REQUIRED PIT SLAB OPENING SIZE TO BE VERIFIED WITH ELEV. CONTRACTOR

6 TYP. HYDRAULIC ELEV. PISTON BLOCKOUT DET.
S5.514 — NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18477 — 6/4/24 — LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ELEVATOR PIT REINFORCEMENT DETAILS

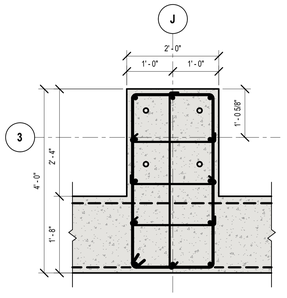
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

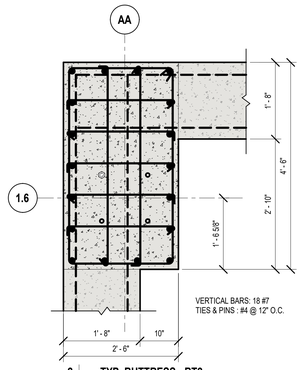
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

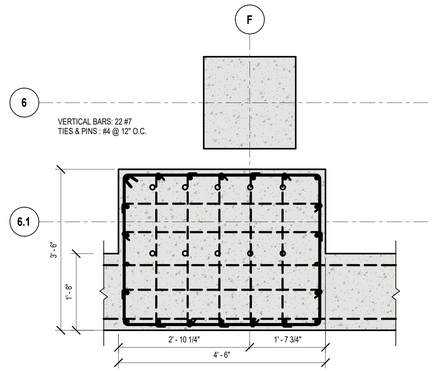
SHEET NUMBER:
S5.514



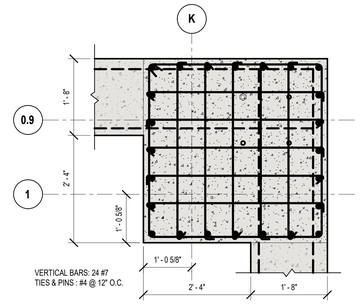
1 | TYP. BUTTRESS - BT1
1 / S1.100 | SCALE: 3/4" = 1'-0"



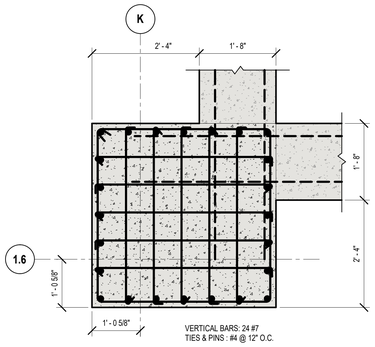
2 | TYP. BUTTRESS - BT2
1 / S1.100 | SCALE: 3/4" = 1'-0"



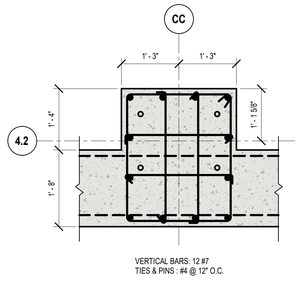
3 | TYP. BUTTRESS - BT-3
1 / S1.100 | SCALE: 3/4" = 1'-0"



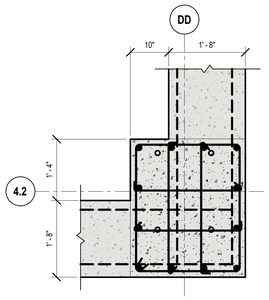
4 | TYP. BUTTRESS - BT4
1 / S1.100 | SCALE: 3/4" = 1'-0"



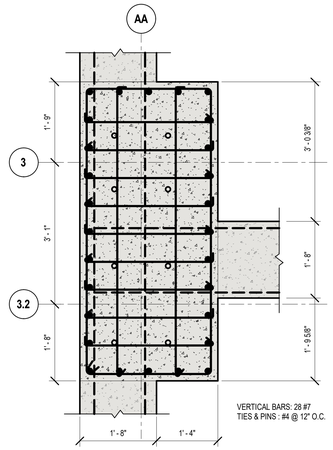
5 | TYP. BUTTRESS - BT4A
1 / S1.100 | SCALE: 3/4" = 1'-0"



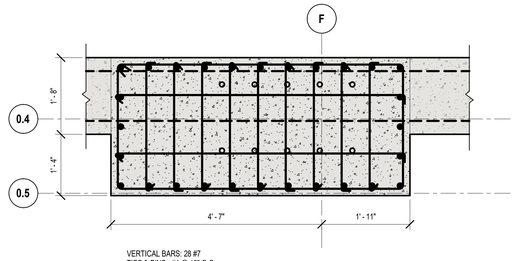
6 | TYP. BUTTRESS - BT5
1 / S1.100 | SCALE: 3/4" = 1'-0"



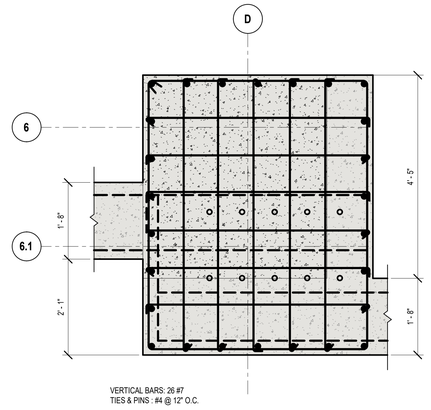
7 | TYP. BUTTRESS - BT5A
1 / S1.100 | SCALE: 3/4" = 1'-0"



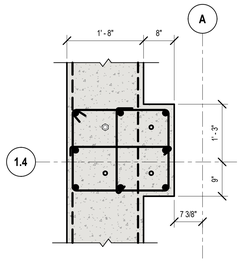
8 | TYP. BUTTRESS - BT6
1 / S1.100 | SCALE: 3/4" = 1'-0"



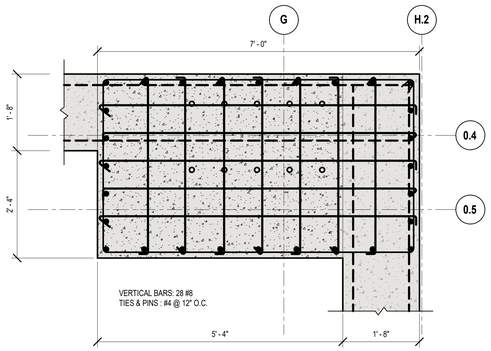
9 | TYP. BUTTRESS - BT6A
1 / S1.100 | SCALE: 3/4" = 1'-0"



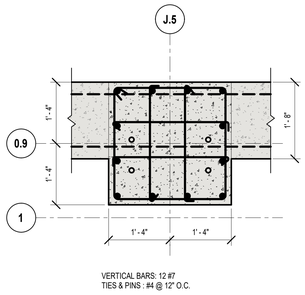
10 | TYP. BUTTRESS - BT7
1 / S1.100 | SCALE: 3/4" = 1'-0"



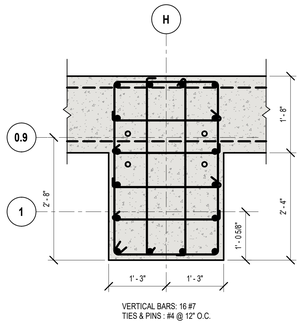
11 | TYP. BUTTRESS - BT8
1 / S1.100 | SCALE: 3/4" = 1'-0"



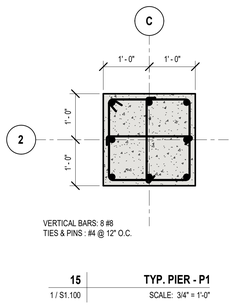
12 | TYP. BUTTRESS - BT9
1 / S1.100 | SCALE: 3/4" = 1'-0"



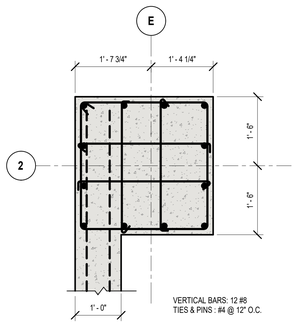
13 | TYP. BUTTRESS - BT10
1 / S1.100 | SCALE: 3/4" = 1'-0"



14 | TYP. BUTTRESS - BT11
1 / S1.100 | SCALE: 3/4" = 1'-0"



15 | TYP. PIER - P1
1 / S1.100 | SCALE: 3/4" = 1'-0"



16 | TYP. PIER - P2
1 / S1.100 | SCALE: 3/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
INJ
18477
6/4/24
LICENSED
PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CONCRETE PIERS & BUTTRESS DETAILS

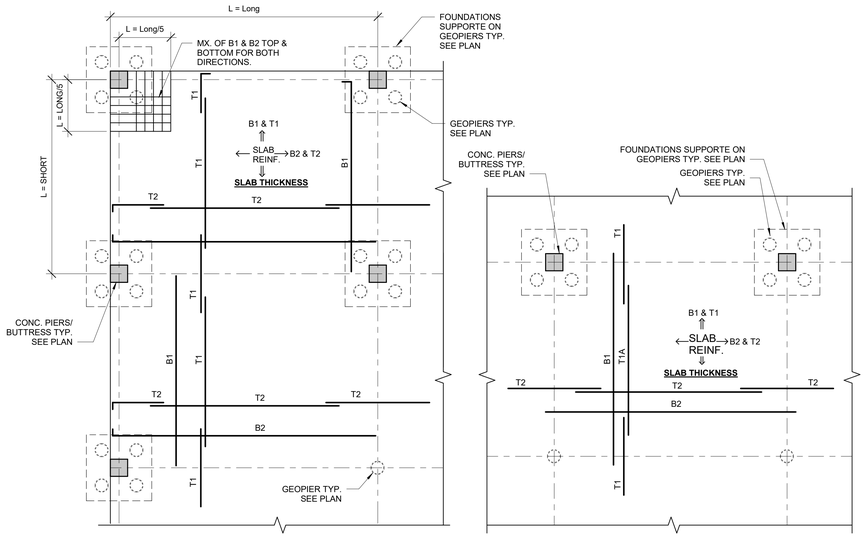
CONTRACT DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS		ME

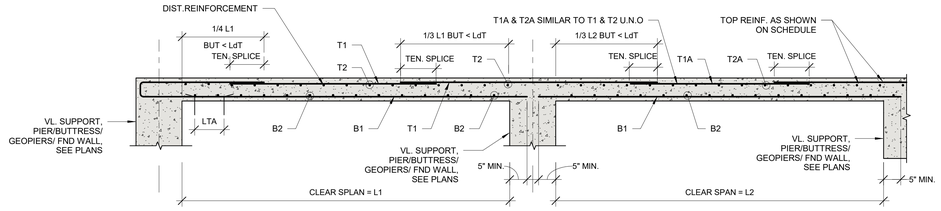
SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
S5.515



CORNER & EDGE SLAB PLAN DETAIL

INTERNAL SLAB DETAIL

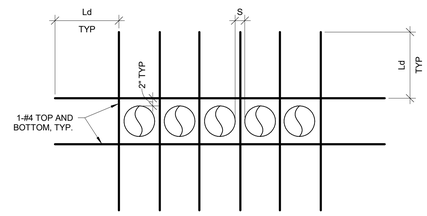


SLAB SECTION

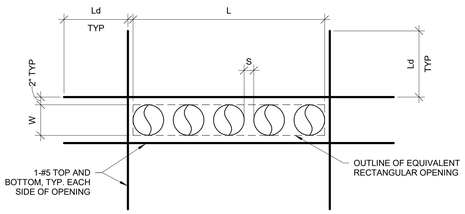
NOTES:

1. TOP AND BOTTOM MESH SHALL BE PROVIDED AT EXTERIOR CORNERS OF SLAB SUPPORTED BY EDGE WALLS OR BEAMS.
2. TOTAL TOP CORNER REINFORCEMENT PROVIDED IN EACH DIRECTION SHALL BE EQUAL TO THE MAXIMUM BOTTOM REINFORCEMENT PROVIDED IN THE SLAB PANEL IN BOTH DIRECTION.
3. TOTAL BOTTOM CORNER REINFORCEMENT PROVIDED IN EACH DIRECTION SHALL BE EQUAL TO THE MAXIMUM BOTTOM REINFORCEMENT PROVIDED IN THE SLAB PANEL IN BOTH DIRECTION.

1 TYPICAL DETAIL FOR TWO WAY SLABS
NTS



SLEEVES WITH CLEAR SPACING "S" ≥ 4"

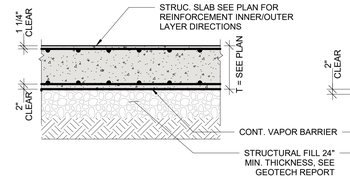


SLEEVES WITH CLEAR SPACING "S" < 4"

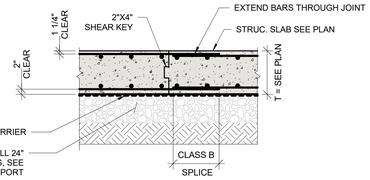
NOTES:

1. SLEEVES WITH CLEAR SPACING "S" LESS THAN 4" SHALL BE TREATED AS AN EQUIVALENT RECTANGULAR OPENING WITH LENGTH "L" AND WIDTH "W".
2. SLEEVES WITH CLEAR SPACING "S" GREATER THAN OR EQUAL TO 4" SHALL BE TREATED AS INDIVIDUAL SLEEVES WITH REINFORCING PLACED BETWEEN EACH SLEEVE AS SHOWN.
3. REINFORCING SHOWN IS IN ADDITION TO SLAB REINFORCING REQUIRED FOR STRENGTH DESIGN SHOWN ON PLANS.
4. WHERE SLEEVE OR SLEEVE GROUP INTERRUPTS SLAB REINFORCING PROVIDE ONE HALF OF INTERRUPTED REINFORCING PLUS ONE ADDITIONAL BAR OF SAME SIZE ON EACH SIDE OF THE SLEEVE OR EQUIVALENT RECTANGULAR OPENING.
5. WELDED WIRE REINFORCING MAY BE CUT AS REQUIRED TO PLACE SLEEVES AND SLEEVE GROUPS.
6. BOTTOM TRIM BAR IS NOT REQUIRED IN CONCRETE SLABS ON METAL DECK.
7. SINGLE SLEEVES AND SLEEVE GROUPS THAT ARE SMALLER THAN 8" EACH WAY DO NOT REQUIRE THE SUPPLEMENTAL REINFORCING SHOWN IN THIS DETAIL.
8. MAXIMUM SLEEVE DIAMETER AND/OR EQUIVALENT GROUP WIDTH IS 12".
9. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND ARCHITECTURAL DRAWINGS FOR LOCATION, SIZE AND QUANTITY OF SLEEVES REQUIRED.

4 TYPICAL REINFORCEMENT AROUND SLEEVES IN SLAB
NTS

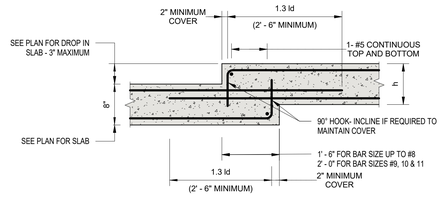


TWO-WAY SLAB ON GRADE DETAIL



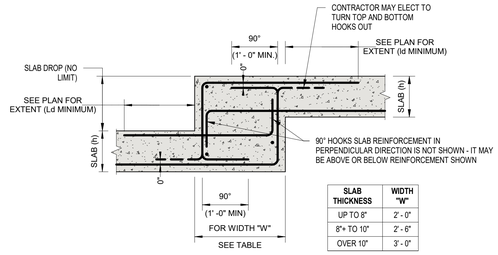
TWO-WAY SLAB ON GRADE CONSTR. JOINT

2 TYPICAL CONCRETE SLAB DETAILS
NTS



DROP IN TOP AND BOTTOM OF SLAB

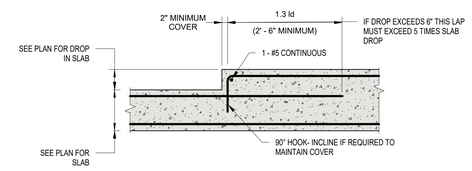
(MAXIMUM DROP = 3")



SLAB THICKNESS	WIDTH "W"
UP TO 8"	2' - 0"
8"+ TO 10"	2' - 6"
OVER 10"	3' - 0"

DROP IN TOP AND BOTTOM OF SLAB

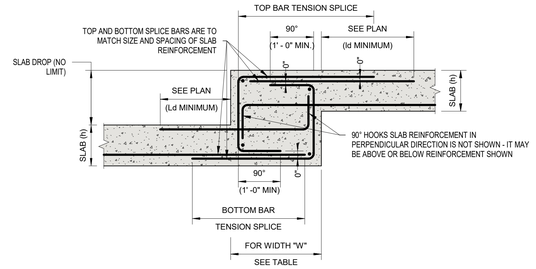
(DROP GREATER THAN 3")



DROP IN TOP OF SLAB

NOTES:
1. BARS IN OTHER DIRECTION ARE NOT SHOWN - SEE PLANS.

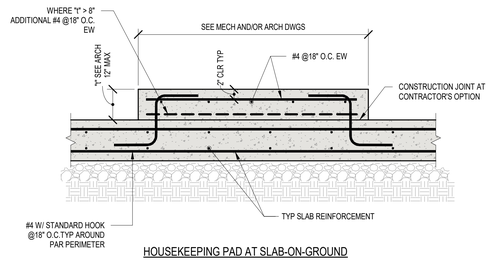
TWO-WAY SLAB ON GRADE DETAIL



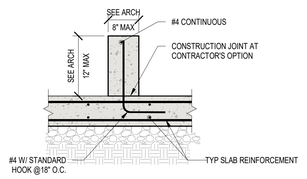
ALTERNATIVE DROP IN TOP AND BOTTOM OF SLAB USING SPLICE BARS

(DROP GREATER THAN 3")

3 DROP SLAB DETAILS
NTS

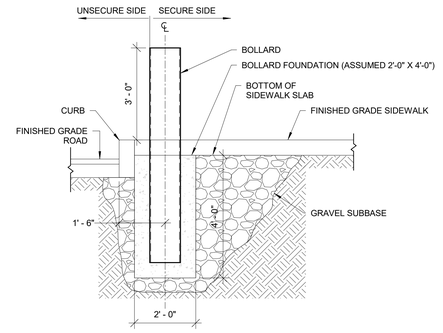


HOUSEKEEPING PAD AT SLAB-ON-GROUND



CURB AT SLAB-ON-GROUND

5 CURBS AND HOUSEKEEPING PADS AT SLAB-ON-GROUND
NTS



6 TYPICAL BOLLARD DETAIL - DEEP FOUNDATION
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18477 — LICENSED PROFESSIONAL ENGINEER — 6/4/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CONCRETE STR. SLAB-ON-GROUND DETAILS

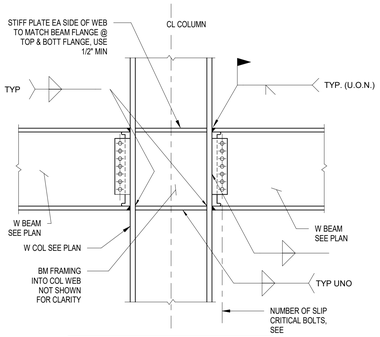
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

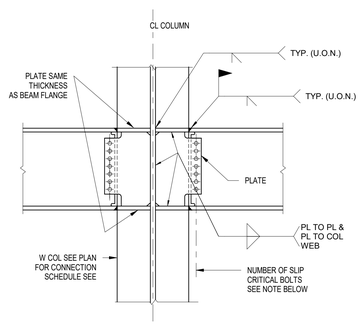
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S5.516



NOTED THUS ◄► ON PLANS



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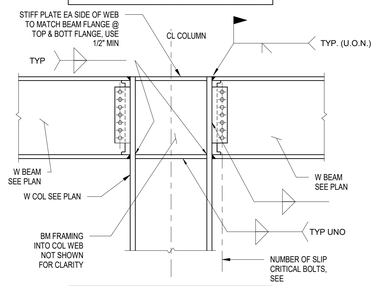

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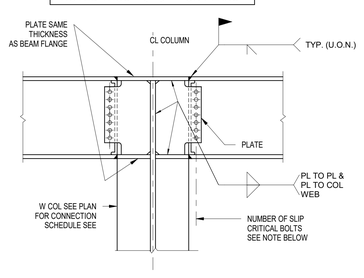
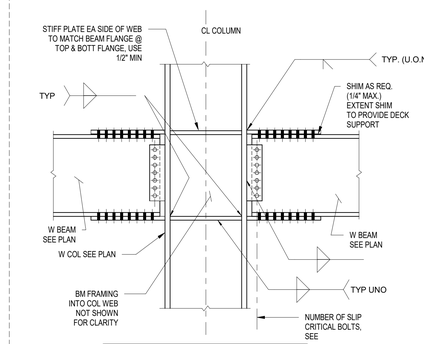


NOTED THUS ◄► ON PLANS

NOTE:

1. STEEL FABRICATOR SHALL SUBMITT FOR REVIEW CALCULATIONS FOR MOMENT CONNECTIONS. CALCULATIONS SHALL BE SIGNED AND SEALED BY PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MAINE.
2. IN LIEU OF FIELD BOLTED WEB CONNECTION, CONTRACTOR MAY ELECT TO USE A FIELD WELDED CONNECTION FOR THE BEAM WEB TO SHEAR PLATE CONNECTION.
3. DESIGN MOMENT AT THE BEAM-TO-COLUMN CONNECTION SHALL BE EQUALS 100% FULL PLASTIC MOMENT OF THE BEAM, EXCEPT WHERE THE VALUES OF THE MOMENTS ARE GIVEN ON THE CONTRACT DRAWINGS.
4. BEAM CONNECTIONS SHALL BE DESIGNED FOR THE LESSER OF :
   I) 50% PERCENT OF THE TOTAL UNIFORM LOAD CAPACITY OF THE BEAM IN FLEXURAL
   II) THE SHEAR CAPACITY OF THE WEB.

1 TYP. WELDED MOM. FRAME CONNECT. DET.
NTS



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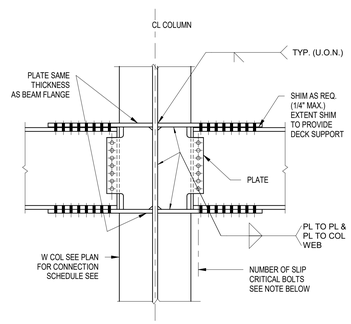

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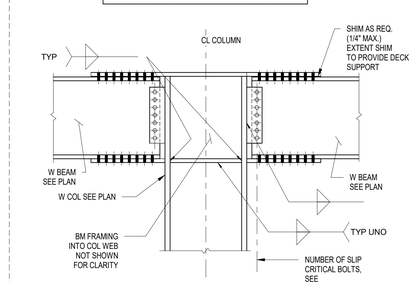

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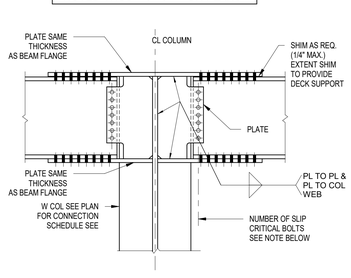
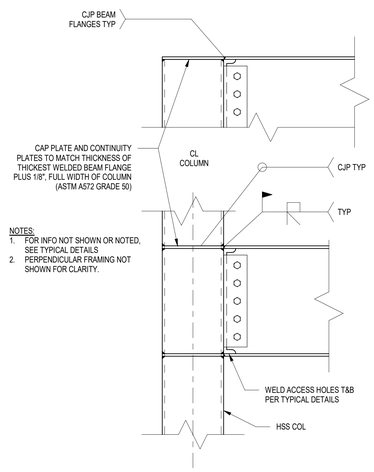


NOTED THUS ◄► ON PLANS

NOTE: SEE NOTES FOR TYP. WELDED MOM CONNECT. DETAIL

2 ALT. BOLTED MOM. FRAME CONNECT. DET.
NTS



3 WF BEAM TO RECT HSS COLUMN MOMENT CONNECTION
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
10477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

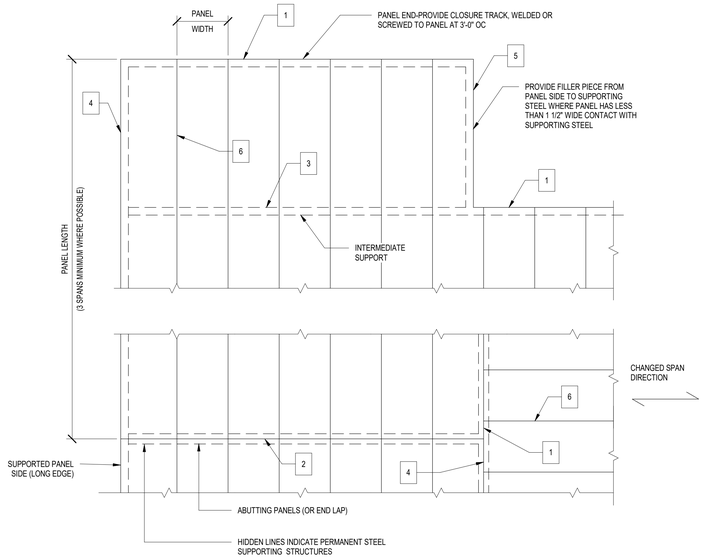
SHEET TITLE:
STRUCTURAL STEEL DETAILS
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S5.520



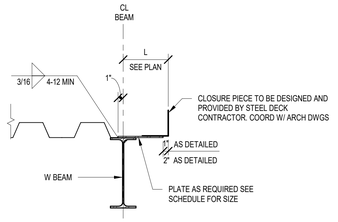
COMPOSITE DECK ATTACHMENT:

1. PANEL END-POWER ACTUATED FASTERNERS (HILTI X-HSN-24 OR X-ENP-19 L15) AT 12" ON CENTER
2. ABUTTING PANELS-POWER ACTUATED FATERNERS(HILTI X-HSN-24 OR X-ENP-19 L15) AT 12" ON CENTER AT EACH PANEL END OR AT CENTER OF END LAP
3. PANEL INTERMEDIATE SUPPORT-POWER ACTUATED FASTENERS (HILTI X-HSN-24 OR X-ENP-19 L15) AT 12" ON CENTER
4. PANEL SIDE-POWER ACTUATED FASTENERS(HILTI X-HSN-24 OR X-ENP019 L15) AT 12" ON CENTER
5. PANEL SIDE WITH FILLER PIECE-POWER ACTUATED FASTENERS (HILTI X-HSN-24 OR X-ENP-19 L15) AT 12" ON CENTER FILLER-TO-PANEL AND FILLER-TO-SUPPORTING STEEL
6. PANEL SIDE LAP-HILTI S-SLC01 M HWH OR S-SLC02 M HWH SELF DRILLING SCREWS AT 24" ON CENTER.

ROOF DECK ATTACHMENT:

1. PANEL END-POWER ACTUATED FASTERNERS (HILTI X-HSN-24 OR X-ENP-19 L15) AT 6" ON CENTER
2. ABUTTING PANELS-POWER ACTUATED FATERNERS(HILTI X-HSN-24 OR X-ENP-19 L15) AT 6" ON CENTER AT EACH PANEL END OR POWER ACTUATED FASTENERS (HILTI X-HSN-24 OR X-ENP-19 L15)AT 6" ON CENTER AT CENTER OF END LAP
3. PANEL INTERMEDIATE SUPPORT-POWER ACTUATED FASTENERS (HILTI X-HSN-24 OR X-ENP-19 L15) AT 6" ON CENTER
4. PANEL SIDE-POWER ACTUATED FASTENERS(HILTI X-HSN-24 OR X-ENP019 L15) AT 6" ON CENTER
5. PANEL SIDE WITH FILLER PIECE-POWER ACTUATED FASTENERS (HILTI X-HSN-24 OR X-ENP-19 L15) AT 6" ON CENTER FILLER-TO-PANEL AND FILLER-TO-SUPPORTING STEEL
6. PANEL SIDE LAP-HILTI #10 SCREWS AT 6" ON CENTER.
7. SEE MANUFACTURER'S RECOMMENDATIONS FOR MAXIMUM BASE METAL THICKNESS FOR FASTERNERS INDICATED HEREIN

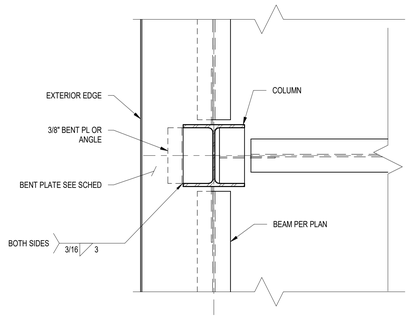
1 STEEL DECK ATTACHMENT PLAN
NTS



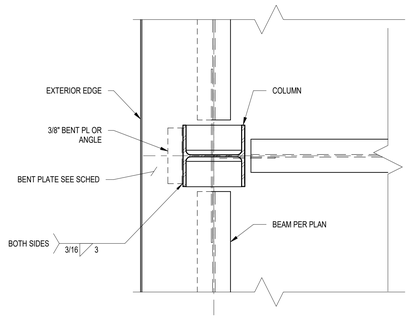
L	THICKNESS OF PLATE OR CLOSURE
≤ 1'-4"	3/8"
≤ 1'-0"	3/8"
≤ 0'-6"	1/4"

NOTE:
AT CONTRACTOR'S OPTION SINGLE BENT PLATE (OR EQUIV ANGLE) MAY BE USED PROVIDED IT IS FIELD INSTALLED AND ACCOMMODATES SLAB EDGE TOLERANCES.

2 TYPICAL ROOF DECK AT EDGE
NTS

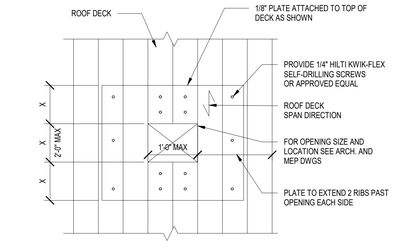


PLAN AT COLUMN WEB

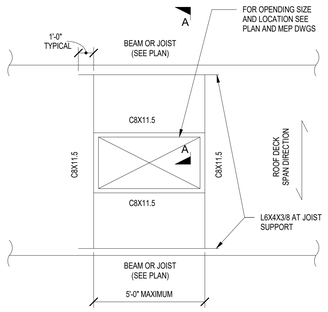


PLAN AT COLUMN FLANGE

4 EDGE OF DECK AT EXTERIOR COLUMN
NTS



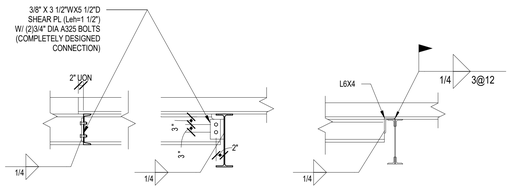
TYPE D



TYPE F

NOTES:

1. FOR EDGE OVERHANG GREATER THAN 2" SEE TYPICAL ROOF DECK AT EDGE
2. NO REINFORCEMENT REQUIRED IF OPENING IS 6"X6" OR SMALLER PROVIDED ONLY ONE RIB IS INTERRUPTED
3. CLUSTERED OPNNINGS WITH CLEAR SPACE LESS THAN 1'-0" MUST BE TREATED AS ONE LARGE OPENING AND PROVIDE THE REINFORCEMENT OR CHANNEL FRAMING AS PER DETAIL ABOVE
4. ATTACH DECK TO CHANNELS TYPICAL
5. TYPE D MUST NOT BE USED TO SUPPORT MECHANICAL EQUIPMENT
6. TYPE F FRAMING MUST BE COORDIANTED WITH EQUIPMENT SUPPORT FRAMING

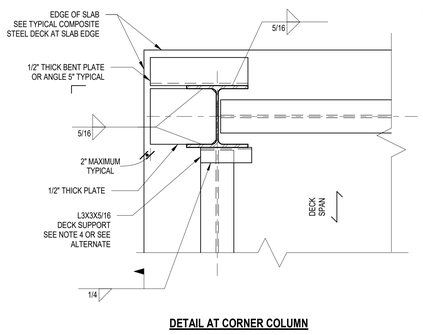


AT BEAM SUPPORT

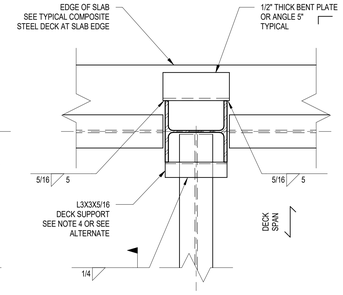
AT JOIST SUPPORT

SECTION A

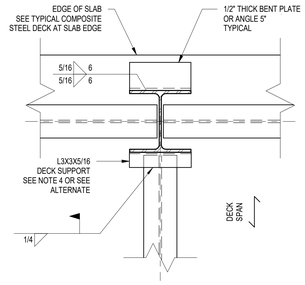
5 ADDITIONAL REINFORCEMENT AND FRAMING AT STEEL ROOF DECK PENETRATIONS / OPENINGS
NTS



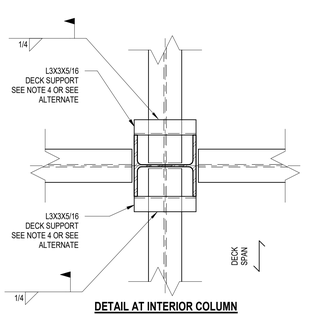
DETAIL AT CORNER COLUMN



DETAIL AT EDGE COLUMN



DETAIL AT EDGE COLUMN

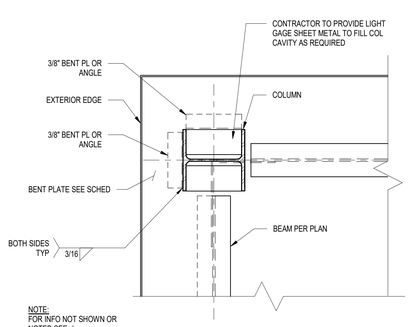


DETAIL AT INTERIOR COLUMN

NOTES:

1. SEE ADDITIONAL DETAILS AT EXTERIOR WALL SUPPORTS
2. ATTACH DECK (ENDS AND SIDE LAPS) TO SUPPORT ANGLES OR PLATES TYPICAL
3. SEE TYPICAL SLAB REINFORCEMENT AT COLUMN DETAILS
4. CONTRACTOR MUST COORDINATE AND PROVIDE ANGLES AS REQUIRED FOR SUPPORT OF DECK NOTCHED AROUND COLUMN TYPICAL AT ALL FLOORS AT ALL COLUMNS SIZES SHOWN ARE MINIMUM CONTRACTOR TO VERIFY FOR ACTUAL CONDITIONS

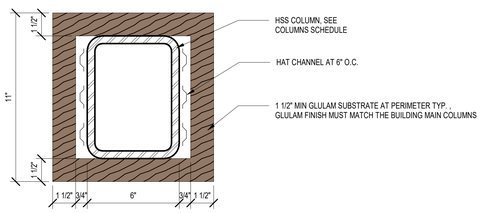
6 TYPICAL DECK SUPPORT AT COLUMN
NTS



NOTE:
FOR INFO NOT SHOWN OR NOTED SEE -/--

PLAN

7 EDGE OF DECK AT EXTERIOR CORNER COLUMN
NTS



3 TYPICAL DETAIL FOR STEEL COLUMN GLULAM ENCASED
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
10477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

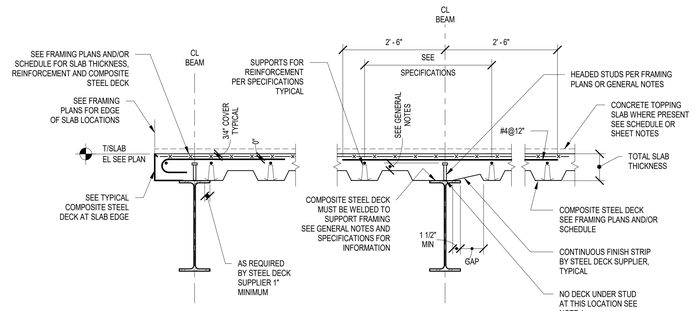
SHEET TITLE:
STEEL DECK DETAILS
BID DOCUMENTS

DISCIPLINE:

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

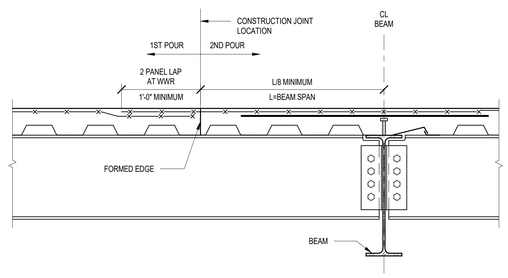
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S5.530



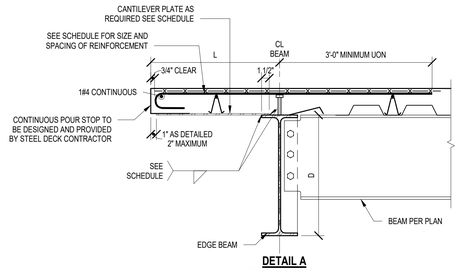
TYPICAL COMPOSITE STEEL DECK SPAN PARALLEL TO BEAM - REBARS

1 S5.540 NTS



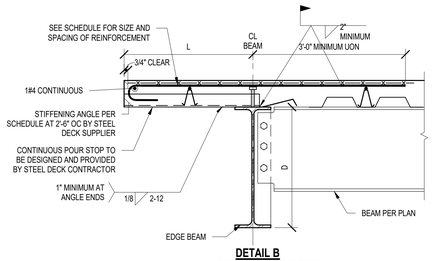
TYPICAL COMPOSITE STEEL DECK CONSTRUCTION JOINT PARALLEL TO DECK SPAN

3 S5.540 NTS



DETAIL A

DECK SPAN PARALLEL (SHOWN) OR DECK SPAN PERPENDICULAR SEE NOTE 4



DETAIL B

ALTERNATE SLAB EDGE DETAIL: DECK SPAN PARALLEL (SHOWN) OR DECK SPAN PERPENDICULAR SEE NOTE 4

NOTE:

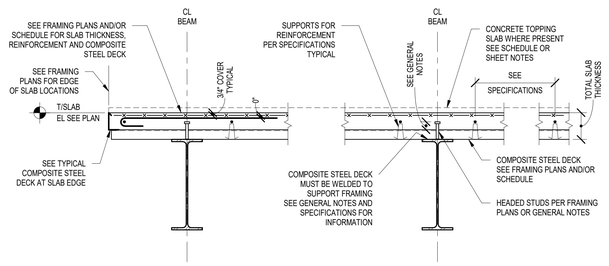
1. WHERE BLOCKOUT OR EMBEDDED ITEM IS LOCATED AT THE SLAB EDGE, DETAIL IS NOT PERMITTED, USE DETAIL A OR DETAIL B FOR CANTILEVERED SLAB EDGE
2. WHERE DECK CANTILEVER (DETAIL C) IS NOT CAPABLE OF SUPPORTING REQUIRED CANTILEVER SPAN "L", USE DETAIL A OR DETAIL B SIMILAR FOR CANTILEVER SLAB EDGE
3. AT CONTRACTOR'S OPTION SINGLE BENT PL (OR EQUIV ANGEL) MAY BE USED PROVIDED IT IS FIELD INSTALLED AND ACCOMMODATES SLAB EDGE TOLERANCES
4. WHERE EDGE BEAM IS NOT BRACED BY PERPENDICULAR BEAMS THIS DETAIL MUST NOT BE USED WHEN CANTILEVER SPAN "L" EXCEEDS EDGE BEAM DEPTH "D"

CANTILEVER PLATE AND REINFORCEMENT SCHEDULE

TOTAL SLAB THICKNESS (IN)	CANTILEVER SPAN "L"	CANTILEVER REINFORCEMENT (SEE NOTES)	DETAIL A			DETAIL B
			PLATE THICKNESS	PL TO FLANGE WELD SIZE	PL TO FLANGE WELD SPACING	STIFFENING ANGLE
UP TO 5 1/2" (2 1/2" MINIMUM CONCRETE THICKNESS OVER DECK)	2'-0" < L ≤ 2'-3"	#4@12"	1/2"	1/4	4-12	L3X3X1/4
	1'-5" < L ≤ 2'-0"	#4@12"	3/8"	3/16	3-12	L3X3X1/4
	7" < L ≤ 1'-5"	#4@12"	1/4"	3/16	3-12	L3X3X1/4
	≤ 7"	-	NOTE 2	-	-	NOTE 2

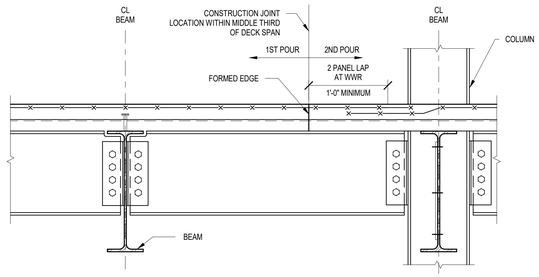
SCHEDULE NOTES:

1. SEE ADDITIONAL DETAILS FOR REINFORCEMENT AT CURTAIN WALL SUPPORT AND AT CORNERS
2. POUR STOP TO BE DESIGNED AND PROVIDED BY STEEL DECK CONTRACTOR (14 GAGE MINIMUM)
3. CANTILEVER REINFORCEMENT IS IN ADDITION TO ANY REINFORCEMENT SHOWN IN NOTES, ON PLAN OR ON SLAB SCHEDULES
4. SLAB EDGE SERVICE LOADS NOT TO EXCEED 400 PLF



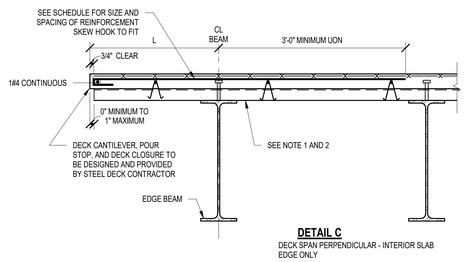
TYPICAL COMPOSITE STEEL DECK SPAN PERPENDICULAR TO BEAM - REBARS

2 S5.540 NTS



TYPICAL COMPOSITE STEEL DECK CONSTRUCTION JOINT PERPENDICULAR TO DECK SPAN

4 S5.540 NTS



DETAIL C

DECK SPAN PERPENDICULAR - INTERIOR SLAB EDGE ONLY

TYPICAL COMPOSITE STEEL FLOOR DECK-SLAB EDGE

5 NTS

BEAM PARALLEL TO DECK WITH ONE ROW

BEAMS PERPENDICULAR TO DECK

BEAM PARALLEL TO DECK WITH TWO ROWS

BEAM PARALLEL TO DECK WITH THREE ROWS

BEAM PARALLEL TO DECK WITH FLANGE < 6"

NOTE: USE WHERE MULTIPLE LINE SPACING IS REQUIRED AT A FLANGE WIDTH LESS THAN 6"

NOTES:

1. SEE GENERAL NOTES FOR HEADED STUD SIZE, LENGTH AND MAXIMUM SPACING. NUMBER OF STUDS IS INDICATED ON FRAMING PLAN
2. HEADED STUDS IN ONE ROW SHALL BE PLACED DIRECTLY OVER THE BEAM WEB
3. PLACE STUDS IN A SINGLE ROW WHERE SPACING REQUIREMENT PERMIT. STUDS SHALL BE PLACED IN TWO ROWS OR THREE ROWS ONLY WHERE REQUIRED IN ORDER TO PLACE THE TOTAL NUMBER OF STUDS
4. MAXIMUM NUMBER OF STUDS PERMITTED PER INDIVIDUAL METAL DECK RIB IS 3
5. STUD PLACEMENT PROCEDURE FOR DECK PERPENDICULAR TO SUPPORT: PLACE A STUD IN ALTERNATING FLUTES FOR ENTIRE LENGTH OF BEAM. PLACE REMAINING STUDS IN FLUTES WITHOUT STUDS, STARTING AT THE ENDS OF THE BEAM AND CONTINUING TO BEAM CENTER. DISTRIBUTE HEADED STUDS EQUALLY FROM EACH END. IF STUDS REMAIN, PLACE A SECOND STUD IN EACH FLUTE, EQUALLY SPACED FROM EACH END TOWARD CENTER OF BEAM. IF STUDS REMAIN, PLACE A THIRD STUD IN EACH FLUTE, EQUALLY SPACED FROM EACH END TOWARD CENTER OF BEAM
6. SUBMIT SHOP DRAWINGS SHOWING PLACEMENT OF HEADED STUDS PER SPECIFICATION

TYPICAL HEADED STUD SPACING DETAIL_IMPORTED

6 NTS

SLAB REINFORCEMENT

CHANNEL FRAMING

NOTES:

1. NO REINFORCEMENT IS REQUIRED FOR OPENING SIZE LESS THAN 10"X10" IF ALL OF THE FOLLOWING CRITERIA ARE MET;
   A. STEEL DECK WILL BE CUT AT LEAST 7 DAYS AFTER PLACING OF CONCRETE
   B. THE CLEAR DISTANCE TO THE ADJACENT OPENING OR OPENINGS IS 1'-0" OR MORE PARALLEL TO DECK SPAN AND 2'-0" OR MORE PERPENDICULAR TO DECK SPAN
2. SLAB REINFORCEMENT OR CHANNEL FRAMING IS REQUIRED FOR OPENINGS THAT DO NOT SATISFY NOTE 1
3. MULTIPLE OPENINGS THAT DO NOT SATISFY THE SPACING REQUIREMENTS OF NOTE 1 ARE TO BE CONSIDERED CLUSTERED OPENINGS AND MUST RECEIVE CLUSTERED OPENING ADDITIONAL REINFORCEMENT. CLUSTERS MUST BE TREATED AS ONE LARGE OPENING FOR SLAB REINFORCEMENT OR CHANNEL FRAMING
4. PROVIDE REINFORCEMENT SHOWN OR PROVIDE REINFORCEMENT BARS TO COMPENSATE FOR SLAB REINFORCEMENT INTERRUPTED AT OPENINGS, WHICHEVER IS LARGER. ALL INTERRUPTED BARS IN EACH DIRECTION MUST BE COMPENSATED BY ADDITIONAL BARS AT EACH SIDE OF THE OPENING EQUAL TO 1/2 THE INTERRUPTED AREA
5. ATTACH DECK TO CHANNELS (TYPICAL)
6. IF SLEEVES ARE USED, THE SLEEVES ARE TO BE INSTALLED SUCH THAT STEEL DECK WILL BE CUT AT LEAST 7 DAYS AFTER PLACING OF CONCRETE

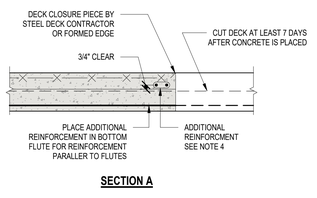
ADDITIONAL REINFORCEMENT AND FRAMING AT COMPOSITE STEEL FLOOR DECK PENETRATIONS / OPENINGS

7 NTS

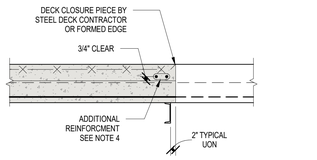
CLUSTERED OPENING ADDITIONAL REINFORCEMENT

NOTE:

1. THE REINFORCEMENT REQUIREMENTS AT CLUSTERED OPENINGS ARE IN ADDITION TO THE REQUIREMENT FOR SLAB REINFORCEMENT OR CHANNEL FRAMING.



SECTION A



SECTION B

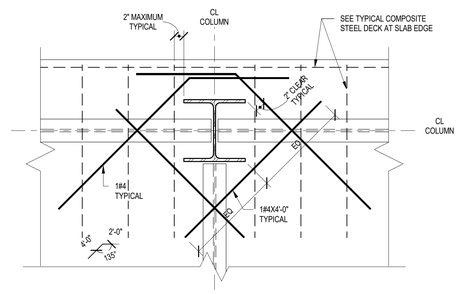
SECTION C

NOTES:

1. SLAB REINFORCEMENT SHOWN TO BE PLACED IMMEDIATELY BELOW THE TYPICAL SLAB TOP BAR REINFORCEMENT
2. SEE TYPICAL DECK SUPPORT AT COLUMN DETAIL

TYPICAL SLAB REINFORCEMENT AT CORNER COLUMN SLAB EDGE EXTENDS 2" OR MORE BEYOND FACE OF COLUMN

8 S5.540 NTS



NOTES:

1. SLAB REINFORCEMENT SHOWN TO BE PLACED IMMEDIATELY BELOW THE TYPICAL SLAB TOP BAR REINFORCEMENT
2. SEE TYPICAL DECK SUPPORT AT COLUMN DETAIL

TYPICAL SLAB REINFORCEMENT AT EXTERIOR COLUMN SLAB EDGE EXTENDS 2" OR MORE BEYOND FACE OF COLUMN

9 S5.540 NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE MOSTAFA ELMORSI 10847 LICENSED PROFESSIONAL ENGINEER 6/4/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
COMPOSITE STEEL DECK-SLAB DETAILS

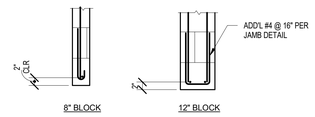
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S5.540

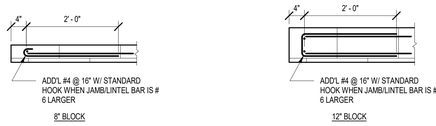


LINTEL REINFORCING SCHEDULE	
# OF REBAR	SIZE OF OPENING
2-#6	OPENINGS LESS THAN 5'-0"
2-#7	OPENINGS 5'-1" TO 7'-0"
2-#8	OPENINGS 7'-1" TO 10'-0"

NOTE: FOR STEEL LINTEL SEE SCHEDULE

MASONRY LINTEL

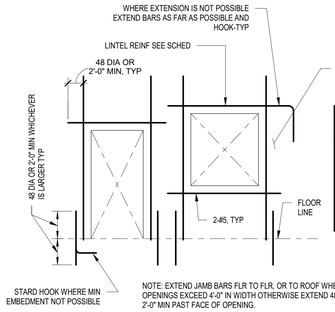
(SILLS SIMILAR)



MASONRY JAMB

* WHEN "L" ≤ 32" USE ONE PIECE REINF W/ STANDARD HOOK EA END

MASONRY PIER



ELEVATION

TYPICAL MASONRY WALL REINFORCING		
WALL THICKNESS	VERTICAL BARS	HORIZONTAL BARS
6"	#4 @ 32" OC @ CL OF WALL	#4 @ 32" OC
8"	#5 @ 24" OC OF CL OF WALL	#4 @ 24" OC
12"	#5 @ 32" OC EA FACE (STAGGER 16")	#4 @ 32" OC EA FACE (STAGGER 16")

1 CMU WALL OPENINGS TYP. REINF. / MIN. REINF.
NTS

MASONRY WALL STEEL LINTEL SCHEDULE

MAX. WALL OPENING	MASONRY WALL THICKNESS			
	4" WALL	6" WALL	8" WALL	12" WALL
3'-0"	L3 1/2x3 1/2x1/4	2- /L3 1/2x2 1/2x1/4	2- /L3 1/2x3 1/2x1/4	3- /L3 1/2x3 1/2x1/4
4'-0"	L4x3 1/2x1/4	2- /L3 1/2x2 1/2x1/4	2- /L4x3 1/2x1/4	3- /L4x3 1/2x1/4
5'-0"	L4x3 1/2x1/4	2- /L3 1/2x2 1/2x1/4	2- /L5x3 1/2x1/4	3- /L5x3 1/2x1/4
6'-0"	L5x3 1/2x1/4	2- /L3 1/2x2 1/2x1/4	2- /L5x3x1/4	3- /L5x3x1/4
8'-0"	L6x3 1/2x1/4	2- /L3 1/2x2 1/2x1/4	2- /L6x3 1/2x3/8	3- /L6x3 1/2x3/8

NOTES:

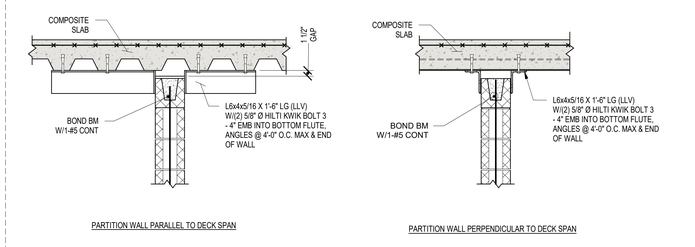
1. PROVIDE AND INSTALL LINTEL ANGLES FOR MASONRY OPENINGS IN ACCORDANCE WITH THE SCHEDULE ABOVE. ISTALL LONG LEG VERTICAL.
2. PROVIDE 6" MIN. BEARING AT EACH END, BUT NOT LESS THAT 1" PER FOOT OF SPAN. FILL 2 COURSES OF MASONRY BELOW BEARING WITH GROUT.
3. WHERE MINIMUM BEARING CANNOT BE PROVIDED, ATTACHED SECURELY TO ADJACENT STRUCTURAL MEMBERS OR PROVIDE SEPARATE SUPPORT.
4. WHERE LINTELS OCCUR IN EXTERIOR WALLS, MINIMUM THICKNESS SHALL BE 5/16" AND ANGLES SHALL BE HOT DIPPED GALVANIZED.
5. WHERE WALL THICKNESS EXCEEDS 12" PROVIDE ONE ADDITIONAL ANGLE FOR EACH ADDITIONAL 4" OF WALL.

SPLICE LENGTH FOR MASONRY CONSTRUCTION

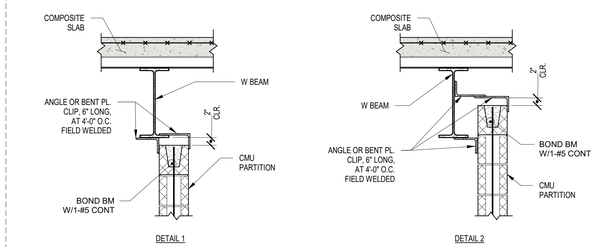
WIRE SIZE	SPLICE LENGHT	BAR SIZE	SPLICE LENGHT
W1.7	12"	#4	24"
W2.1	12"	#5	30"
W2.8	12"	#6	37"
W4.9	12"	#7	51"
		#8	79"

NOTES:

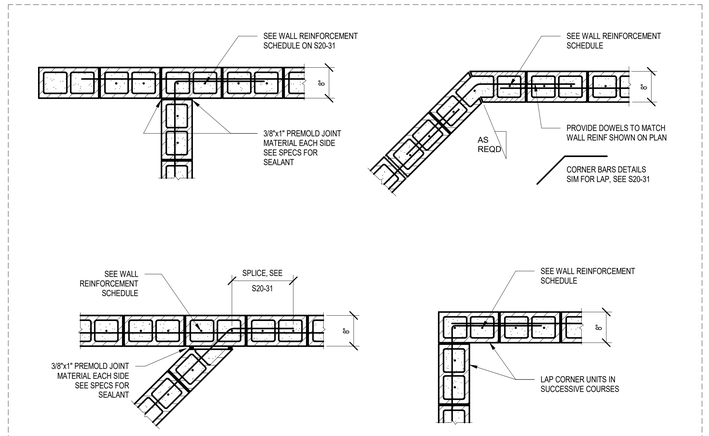
1. SPLICE LENGTHS APPLY TO VERT. AND HORIZ. REINFORCEMENT.
2. ALL VERT. REINFORCEMENT SHALL EXTEND TO WITHIN 2 INCHES OF TOPS OF WALLS.
3. SEE STRUCTURAL / ARCH. PLANS FOR CMU WALL LOCATIONS.



3 TYP. CMU PARTITION WALL BRACING TO COMP. SLAB
S5.550 NTS



4 TYP. CMU PARTITION WALL BRACING TO ST. BEAM
S5.550 NTS



2 TYP. MASONRY WALL CORRNERS AND INTERSECTION DET.
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 12477 — LICENSED PROFESSIONAL ENGINEER — 6/4/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

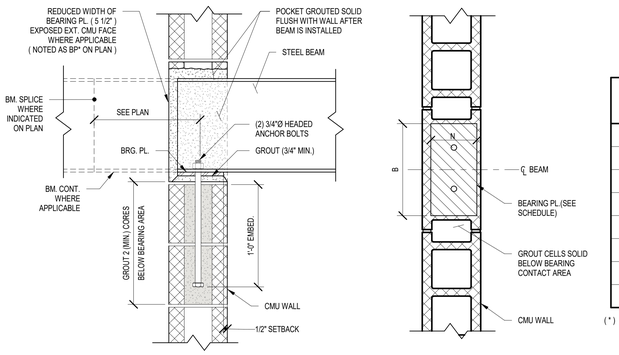
SHEET TITLE:
CONCRETE UNIT MASONRY DETAILS
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S5.550



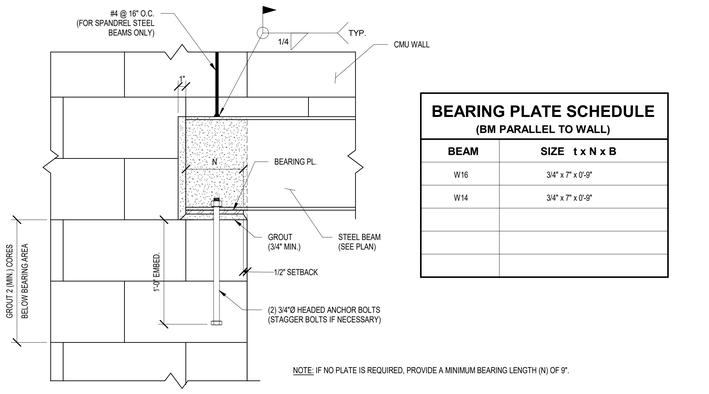
BEARING PLATE SCHEDULE
(BEAM PERPENDICULAR TO WALL)

BEAM	SIZE t x N x B
W16	3/4" x 7" x 1'-1"
W14	3/4" x 7" x 1'-1"
W12	3/4" x 7" x 1'-1"
W14 (*)	1" x 5 1/2"" x 1'-1"
W12 (*)	1" x 5 1/2"" x 1'-1"

(*) - INDICATES BM. BEARING ON EXPOSED EXTERIOR CMU WALL

NOTE: IF NO PLATE IS REQUIRED, BEAM SHALL BEAR ALONG ENTIRE WALL WIDTH.

1 TYP. DET. OF ST. BEAM BEARING ON CMU WALL 1
S5.551 NTS

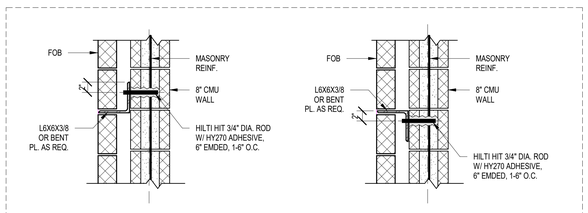


BEARING PLATE SCHEDULE
(BM PARALLEL TO WALL)

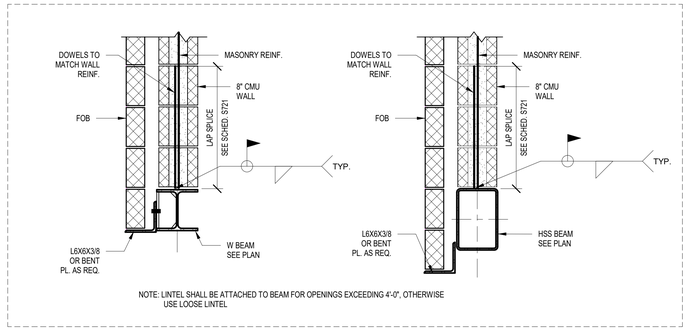
BEAM	SIZE t x N x B
W16	3/4" x 7" x 0'-9"
W14	3/4" x 7" x 0'-9"

NOTE: IF NO PLATE IS REQUIRED, PROVIDE A MINIMUM BEARING LENGTH (N) OF 9".

2 TYP. DET. OF ST. BEAM BEARING ON CMU WALL 2
S5.551 NTS



3 TYP. RELIEV. ANGLE / CMU WALL DET.
S5.551 NTS



NOTE: LINTEL SHALL BE ATTACHED TO BEAM FOR OPENINGS EXCEEDING 4'-0", OTHERWISE USE LOOSE LINTEL

4 TYP. VENEER LINTEL DET.
S5.551 NTS

5 STR. CMU WALL / CMU PART. EXP JT. - DET.
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18477 — LICENSED PROFESSIONAL ENGINEER — 6/4/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

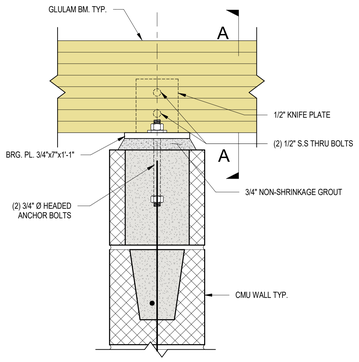
SHEET TITLE:
CONCRETE UNIT MASONRY DETAILS
BID DOCUMENTS

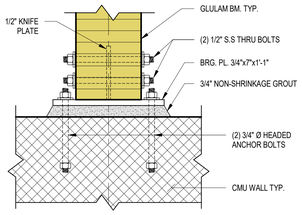
DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

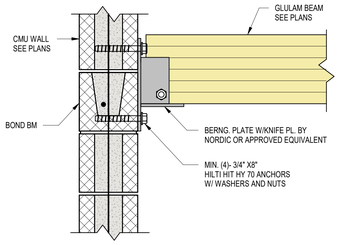
SHEET NUMBER:
S5.551



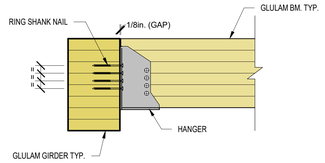


SECTION A - A

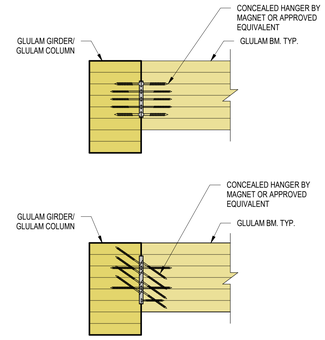
1 S5.560 — **GLULAM BEAM BEARING ON CMU WALL 1** — NTS



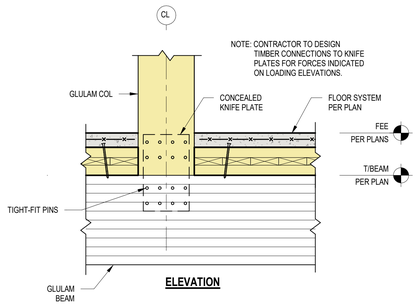
2 — **GLULAM BEAM BEARING CMU WALL 2** — NTS



3 S5.560 — **GLULAM BEAMS BRNG ON STEEL BEARING PL W/SIDE PLATES** — NTS

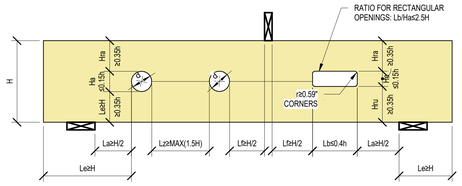


4 S5.560 — **ALT. GLULAM BEAMS CONNEC. TO GIRDER W/ CONCEALED CONNECTOR** — NTS



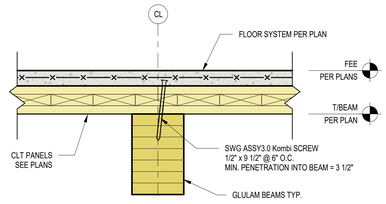
ELEVATION

5 — **WOOD FRAMING POST-UP CONNECTION** — NTS

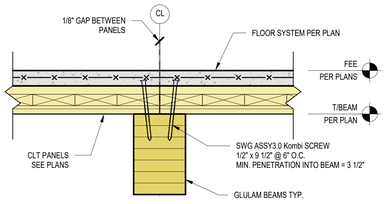


NOTE: ALL OPENINGS MUST MEET THE ABOVE GEOMETRIC REQUIREMENTS AND BE VALIDATED BY AN ENGINEER.

6 — **ALLOWABLE OPENINGS IN HEAVY TIMBER BEAMS** — NTS

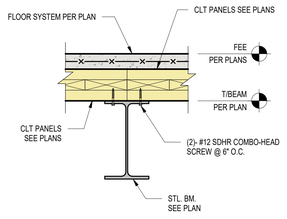


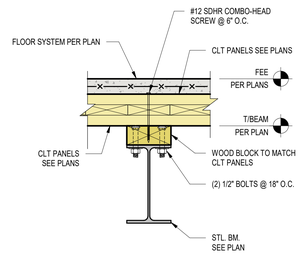
CONTINUOUS



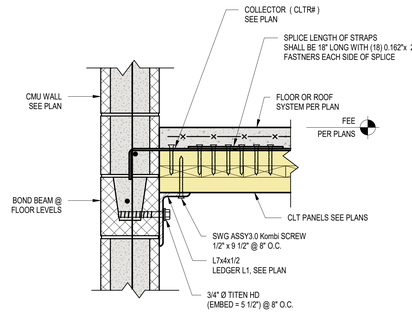
SPAN END

7 S5.560 — **CLT PANELS BEARING ON GLULAM BEAMS** — NTS



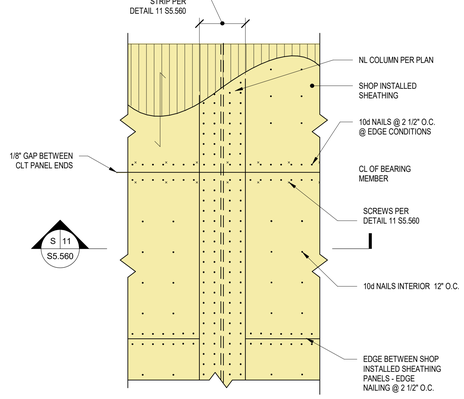


8 S5.560 — **CLT PANELS BEARING ON STEEL BEAMS** — NTS

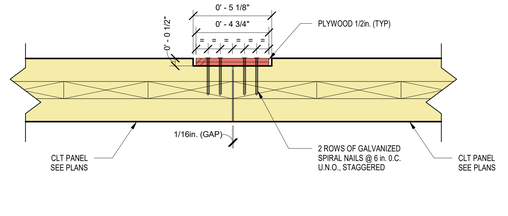


NOTE: DETAIL SIMILAR FOR BOTH SPAN CONDITIONS

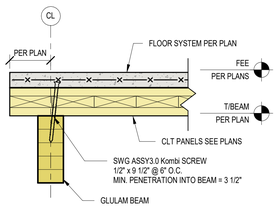
9 — **LEGDER L1 DET. - CLT DECK BEARING @ CMU WALL** — NTS



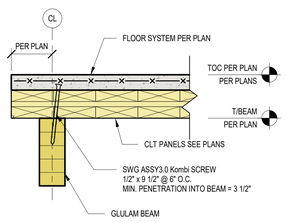
10 S5.560 — **TYPICAL FLOOR DECK SHEATHING NAILING PATTERN** — NTS



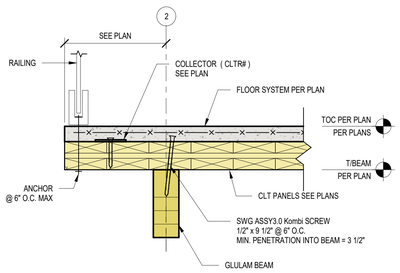
11 10 / S5.560 — **CLT PANELS CONNEC. W/ SINGLE SURFACE SPLINE** — NTS



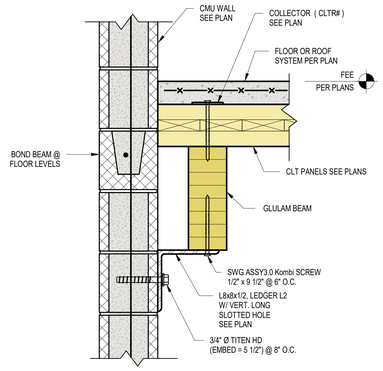
12 S5.560 — **TYPICAL FLOOR DECK TO EXTERIOR WOOD BEAM (DECK SPAN PERPENDICULAR)** — NTS



13 S5.560 — **TYPICAL FLOOR DECK TO EXTERIOR WOOD BEAM (DECK SPAN PARALLEL)** — NTS



14 — **TYPICAL FLOOR DECK DETAIL AT RAILING** — NTS



NOTE: DETAIL SIMILAR FOR BOTH SPAN CONDITIONS

15 S5.560 — **LEDGER L2 DET. @ CMU WALL** — NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — MOSTAFA ELMORSI — 18477 — 6/4/24 — LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

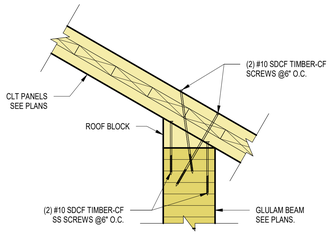
SHEET TITLE:
MASS TIMBER DETAILS
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

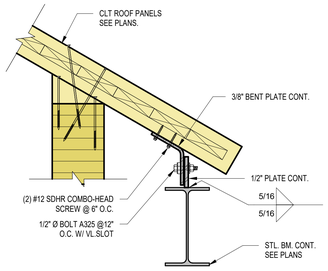
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

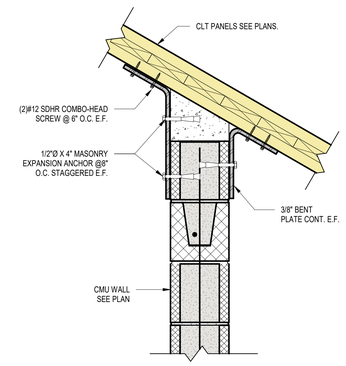
SHEET NUMBER:
S5.560



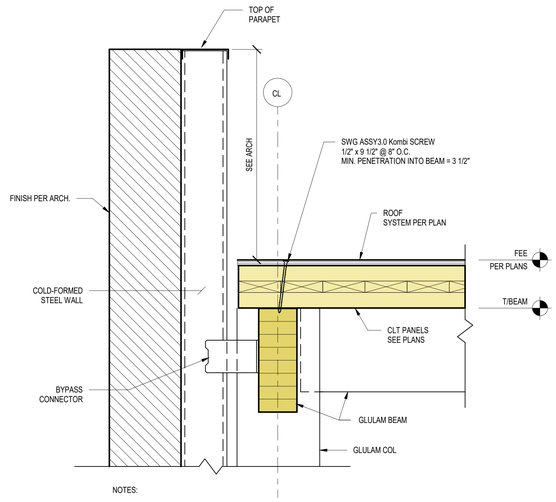
1 — **CLT PANELS BEARING ON GLULAM BEAM AT ROOF**
2 / S3.114 — NTS



2 — **CLT PANELS BEARING ON STEEL BEAMS AT ROOF**
1 / S1.401 — NTS

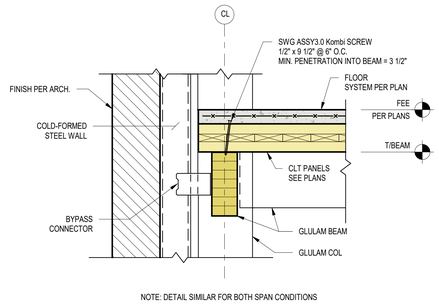


3 — **TYP. CLT ROOF PANELS CONNECTION TO CMU WALLS**
S5.561 — NTS



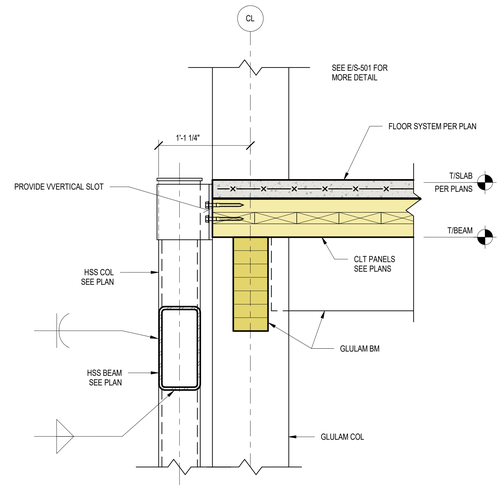
NOTES:
1. DETAIL SIMILAR FOR BOTH SPAN CONDITIONS
2. WHERE ARCH. DWGS. REQUIRE RAILING, REFER TO C/S-602 FOR CONNECTION TO COLD-FORMED STUDS.

4 — **TYPICAL PARAPET @ WOOD FRAMING**
S5.561 — NTS

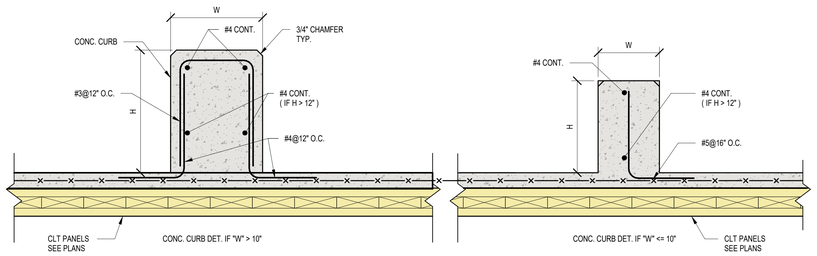


NOTE: DETAIL SIMILAR FOR BOTH SPAN CONDITIONS

5 — **TYPICAL EXTERIOR WALL @ WOOD FRAMING**
S5.561 — NTS

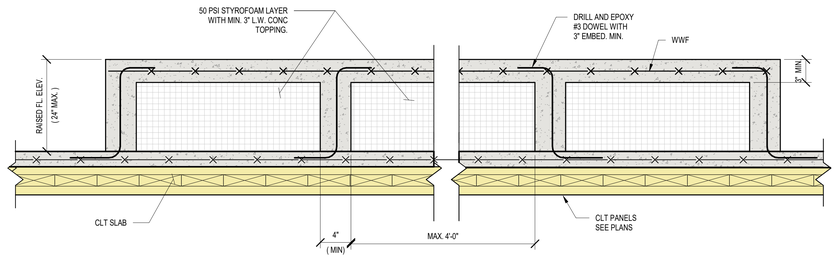


6 — **STEEL FRAMING CONNECTION @ LEVEL 2**
NTS



NOTE: SEE ARCH. / MEP DRAWINGS FOR SIZE (W x H) AND LOCATIONS OF CONC. CURBS REQUIRED

7 — **TYP. DET. OF CONC. CURB ON COMP. SLAB**
NTS



NOTE: STYROFOAM SHEETS LAYOUT APPLIES IN BOTH DIRECTIONS

8 — **TYP. DET. OF OVER-BUILT ON COMP. SLAB**
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
10477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

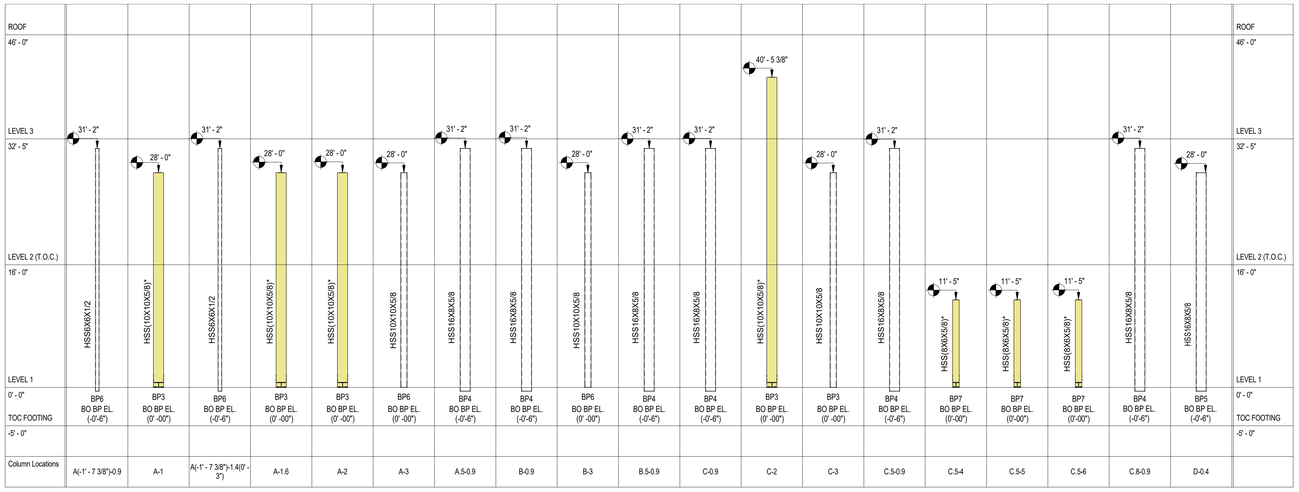
SHEET TITLE:
MASS TIMBER DETAILS
BID DOCUMENTS

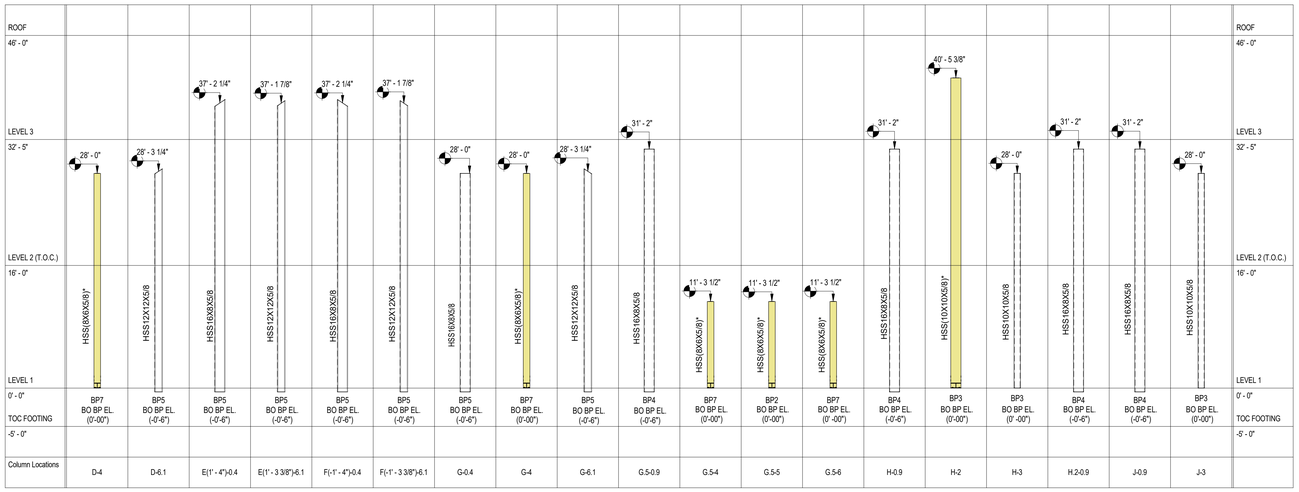
DISCIPLINE:
STRUCTURAL

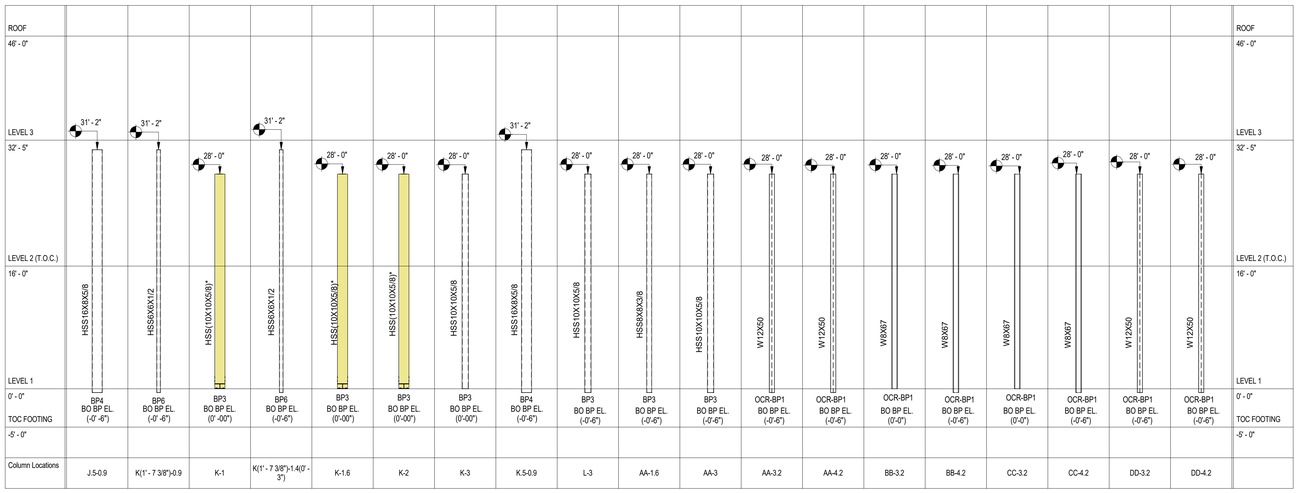
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

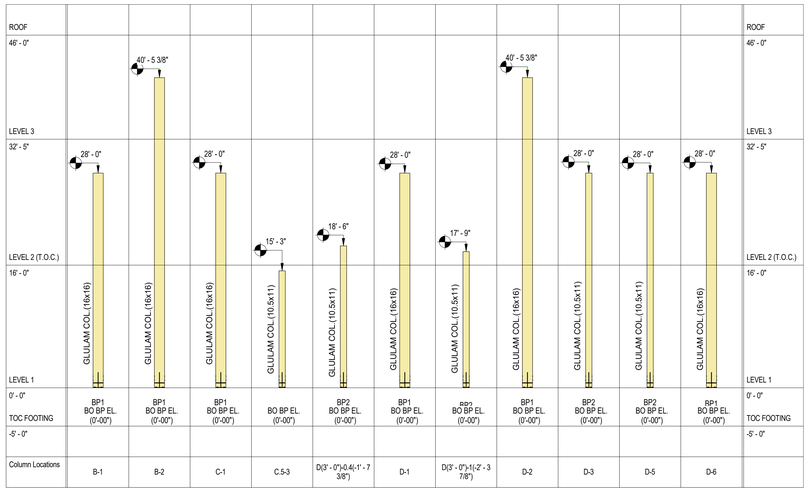
SHEET NUMBER:
S5.561

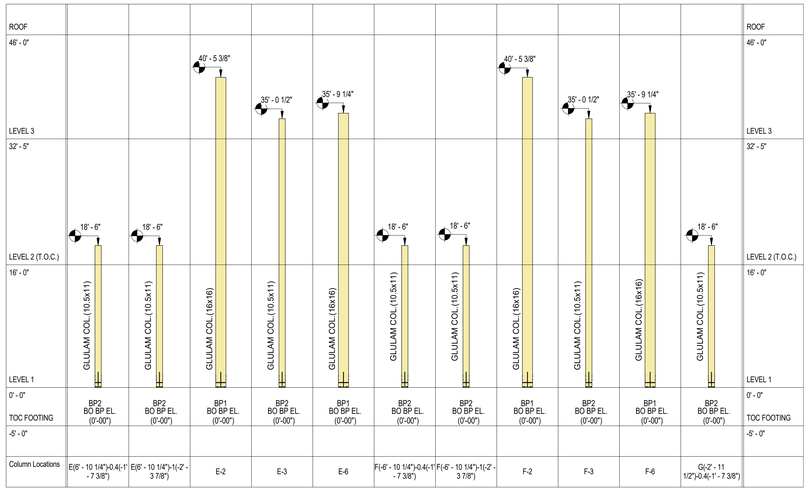


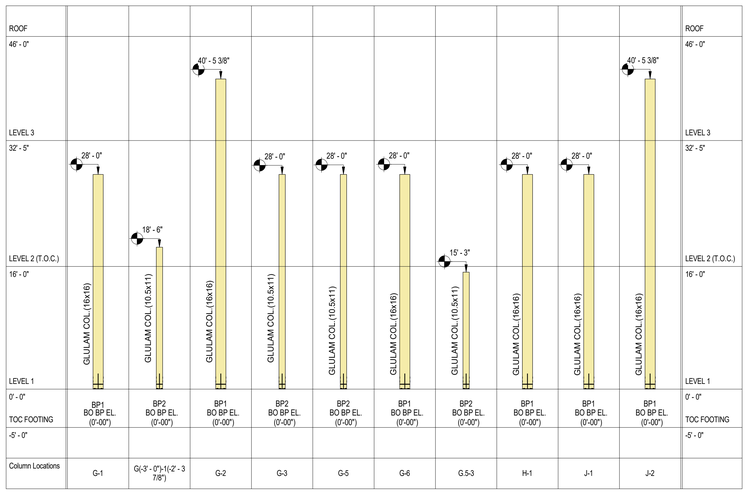




COLUMN SCHEDULE - STEEL
NTS







COLUMN SCHEDULE - GLULAM
NTS

NOTES:

- HSS (*) .... INDICATES HSS STEEL COLUMN ENCASED INTO 1 1/2" MIN. TIMBER.
- BO BP EL. INDICATES BOTTOM OF BASE PLATE ELEVATION.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
10147
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
COLUMN SCHEDULE 1 (BLDG)

BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

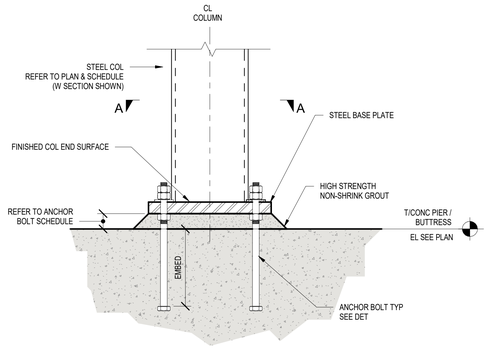
SHEET NUMBER:
S6.101

ROOF																ROOF
46' - 0"																46' - 0"
LEVEL 2 (T.O.C.)																LEVEL 2 (T.O.C.)
16' - 0"	11' - 4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 9" HSS8X8X3/8	11' - 9" HSS8X8X3/8	11' - 10" CBP1	11' - 10" HSS8X8X3/8	11' - 4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	16' - 0"
LEVEL 1																LEVEL 1
0' - 0" TOC FOOTING	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	0' - 0" TOC FOOTING
-5' - 0"																	-5' - 0"
Column Locations	C2-3.10	C3-3.10	K.3-1.4	K.7-1.4	AA.8-1.4	BB.7-1.4	A-C2	A-C3	A.5-C2	A.5-C3	B-C2	B-C3	C-C2	C-C3	C.5-C2	C.5-C3	

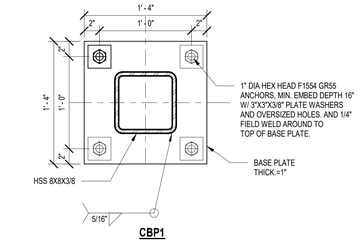
ROOF																ROOF
46' - 0"																46' - 0"
LEVEL 2 (T.O.C.)			16' - 2 3/4" XXXX XXXX	16' - 2 3/4" XXXX XXXX	16' - 5 1/8" XXXX XXXX	16' - 11" XXXX XXXX										LEVEL 2 (T.O.C.)
16' - 0"	11' - 4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	HSS16X16X5/8	HSS16X16X5/8	HSS16X16X5/8	HSS16X16X5/8	11' - 6" HSS8X8X3/8	11' - 4 1/8" HSS8X8X3/8	11' - 6" HSS8X8X3/8	11' - 6" HSS8X8X3/8	11' - 6" HSS8X8X3/8	11' - 6" HSS8X8X3/8	11' - 3" HSS8X8X3/8	11' - 6" HSS8X8X3/8	11' - 3" HSS8X8X3/8	11' - 3" HSS8X8X3/8	16' - 0"
LEVEL 1																LEVEL 1
0' - 0" TOC FOOTING	CBP1	CBP1	CBP2	CBP2	CBP2	CBP2	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	0' - 0" TOC FOOTING
-5' - 0"																	-5' - 0"
Column Locations	C.8-C2	C.8-C3	C1-E	C1-F	C2-E	C2-F	C2-G.5	C2-H	C2-H.2	C2-J	C2-J.5	C2-K	C2-K.3	C2-K.5	C2-K.7	C2-AA.8	

ROOF														ROOF
46' - 0"														46' - 0"
LEVEL 2 (T.O.C.)														LEVEL 2 (T.O.C.)
16' - 0"	11' - 3" HSS8X8X3/8	14' - 3 3/8" XXXX XXXX HSS16X16X5/8	14' - 3 3/8" XXXX XXXX HSS16X16X5/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	11' - 4 3/4" HSS8X8X3/8	16' - 0"
LEVEL 1														LEVEL 1
0' - 0" TOC FOOTING	CBP1	CBP2	CBP2	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	CBP1	0' - 0" TOC FOOTING
-5' - 0"														-5' - 0"
Column Locations	C2-BB.7	C3-E	C3-F	C3-G.5	C3-H	C3-H.2	C3-J	C3-J.5	C3-K	C3-K.3	C3-K.5	C3-K.7	C3-AA.8	C3-BB.7		

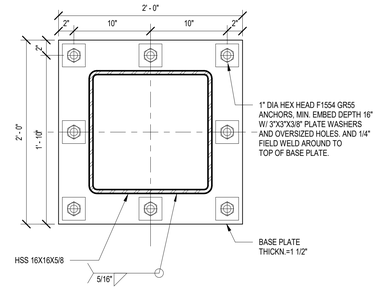
CANOPY - COL SCHEDULE
NTS



DETAIL NOTES:
1. TYPICAL BASE PLATE SHOWN; REFER TO DETAILS FOR UNIQUE BASE PLATE CONDITIONS.



CBP1
SECTION A-A



CBP2
SECTION A-A

1 **TYPICAL CANOPY COLUMNS BASE PLATE DETAIL**
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
COLUMN SCHEDULE 2 (CANOPY)

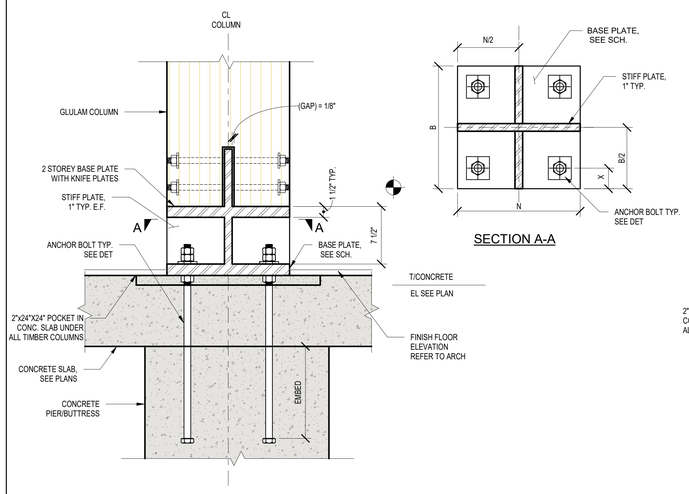
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

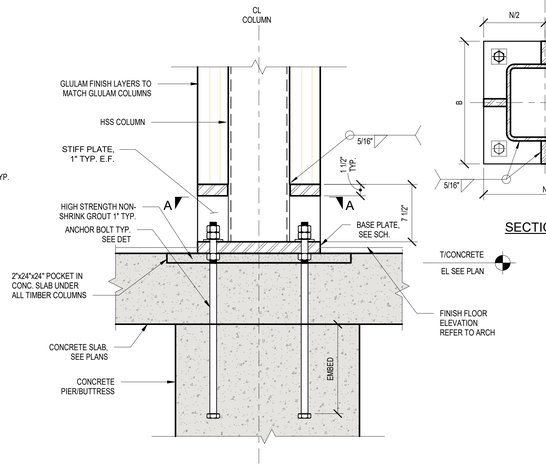
SHEET NUMBER:
S6.102

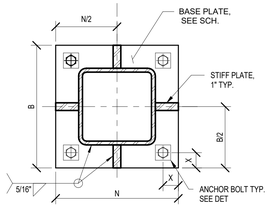


SECTION A-A

TYPICAL GLULAM COLUMN BASE PLATE (2 STORY BASE PLATE WITH KNIFE PLATE DETAILS)

D1 SCALE: 1 1/2" = 1'-0"

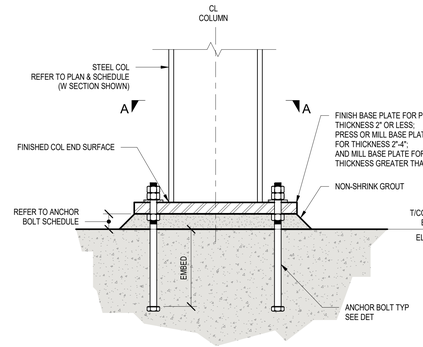




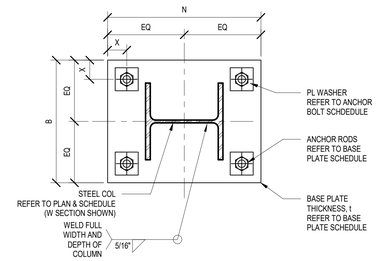
SECTION A-A

TYPICAL HSS COLUMN BASE PLATE W/ GLULAM COVER

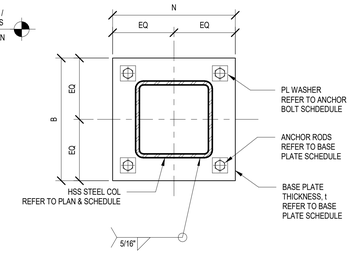
D2 SCALE: 1 1/2" = 1'-0"



DETAIL NOTES:
1. TYPICAL BASE PLATE SHOWN; REFER TO DETAILS FOR UNIQUE BASE PLATE CONDITIONS.
2. WELD TABS AND WELD BACKING MUST BE REMOVED AT COLUMN TO BASE PLATE WELDS, EXCEPT THAT WELD BACKING LOCATED ON THE INSIDE OF FLANGES AND WELD BACKING ON THE WEB OF I-SHAPED SECTIONS NEED NOT BE REMOVED IF BACKING IS ATTACHED TO THE BASE PLATE WITH A CONTINUOUS 5/16 INCH FILLET WELD. FILLET WELDS OF BACKING TO THE INSIDE OF COLUMN FLANGES ARE PROHIBITED.



SECTION A-A (W-COL.)



SECTION A-A (HSS-COL.)

TYPICAL COLUMN BASE PLATE DETAIL

D3 SCALE: 1 1/2" = 1'-0"

SECTION A-A

SECTION A-A

DETAIL NOTES:
1. TYPICAL BASE PLATE SHOWN; REFER TO DETAILS FOR UNIQUE BASE PLATE CONDITIONS.
2. WELD TABS AND WELD BACKING MUST BE REMOVED AT COLUMN TO BASE PLATE WELDS, EXCEPT THAT WELD BACKING LOCATED ON THE INSIDE OF FLANGES AND WELD BACKING ON THE WEB OF I-SHAPED SECTIONS NEED NOT BE REMOVED IF BACKING IS ATTACHED TO THE BASE PLATE WITH A CONTINUOUS 5/16 INCH FILLET WELD. FILLET WELDS OF BACKING TO THE INSIDE OF COLUMN FLANGES ARE PROHIBITED.

TYPICAL COLUMN BASE PLATE DETAIL

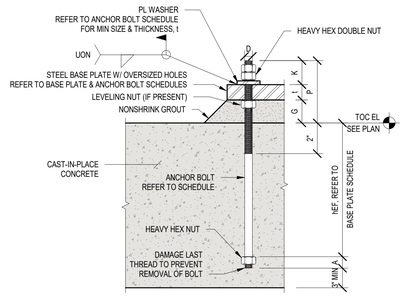
D4 SCALE: 1 1/2" = 1'-0"

TYPICAL COLUMN BASE PLATE DETAIL

D5 SCALE: 1 1/2" = 1'-0"

BASE PLATE SCHEDULE

BASE PLATE MARK	COLUMN	BASE PLATE GEOMETRY						ANCHORS				SHEAR LUG			REMARKS
		t	B	N	HOLE DIAMETER	'X' = MIN EDGE DISTANCE	'S' = WELD SIZE	TYPE	DIAMETER, D	QUANTITY	EMBEDMENT, hEF	LENGTH	THICKNESS	EMBEDMENT	
BP1	COLUMN SCHEDULE	1"	1 - 4"	1' - 4"	ANCHOR SCHEDULE	2"	5/16"	F1554 GR 105	1"	4	1' - 2"	-	-	-	REFER TO D1/ S6.103
BP2	COLUMN SCHEDULE	1"	0' - 10 1/2"	0' - 11"	ANCHOR SCHEDULE	2"	5/16"	F1554 GR 105	1"	4	1' - 2"	-	-	-	REFER TO D1/ S6.103
BP3	COLUMN SCHEDULE	1 1/2"	1' - 4"	1' - 4"	ANCHOR SCHEDULE	2"	1/2"	F1554 GR 105	3/4"	4	1' - 6"	-	-	-	REFER TO D3/ S6.103
BP4	COLUMN SCHEDULE	1 1/2"	2' - 0"	1' - 4"	ANCHOR SCHEDULE	2"	1/2"	F1554 GR 105	1 1/4"	4	1' - 6"	-	-	-	REFER TO D5/ S6.103
BP5	COLUMN SCHEDULE	2"	3' - 4"	2' - 0"	ANCHOR SCHEDULE	3"	1/2"	F1554 GR 105	1 3/4"	10	1' - 6"	-	-	-	REFER TO D4/ S6.103
BP6	COLUMN SCHEDULE	1 1/2"	1' - 4"	1' - 4"	ANCHOR SCHEDULE	2"	1/2"	F1554 GR 105	3/4"	4	1' - 6"	-	-	-	REFER TO D2/ S6.103
BP7	COLUMN SCHEDULE	1 1/2"	0' - 10 1/2"	0' - 11"	ANCHOR SCHEDULE	2"	1/2"	F1554 GR 105	1"	16	1' - 2"	-	-	-	REFER TO D3/ S6.103
OCR-BP1	COLUMN SCHEDULE	2"	1' - 6"	2' - 0"	ANCHOR SCHEDULE	2"	1/2"	F1554 GR 105	1 1/4"	16	1' - 2"	-	-	-	REFER TO D3/ S6.103



DETAIL NOTES:
1. "A" DIMENSION NOT REQUIRED FOR HEADED HIGH-STRENGTH BOLTS.
2. CONTRACTOR HAS OPTION OF USING HEADED HIGH-STRENGTH BOLTS IN LIEU OF THREADED RODS.
3. THREADED LENGTH AT BASE PLATE = BOLT PROJECTION + 2". FULLY THREADED RODS ARE NOT PERMITTED.

D = BOLT DIAMETER, REFER TO BASE PLATE SCHEDULE
t = BASE PLATE THICKNESS, REFER TO BASE PLATE SCHEDULE
G = NONSHRINK GROUT THICKNESS, REFER TO BASE PLATE SCHEDULE
K = THREADS (2D+3" SINGLE NUT)
THREADS (3D+3" DOUBLE NUTS)
P = BOLT PROJECTION
= NONSHRINK GROUT THICKNESS + PLATE THICKNESS + WASHER THICKNESS + NUT THICKNESS + "K" DIMENSION

ANCHOR BOLT SCHEDULE THREADED ROD OR HIGH-STRENGTH BOLT

D	OVERSIZED HOLE DIA	A'	G	PL WASHER MIN SIZE	PL WASHER MIN t
3/4"	1 5/16"	2"	2"	2"	1/4"
7/8"	1 9/16"	3"	2"	2 1/2"	5/16"
1"	1 13/16"	3"	2"	3"	3/8"
1 1/4"	2 1/16"	3"	2"	3"	1/2"
1 1/2"	2 5/16"	4"	2"	3 1/2"	1/2"
1 3/4"	2 3/4"	4"	2"	4"	3/4"
2"	3 1/4"	4"	2"	5"	3/4"

TYPICAL ANCHOR BOLT

6 SCALE: 3" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
10477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

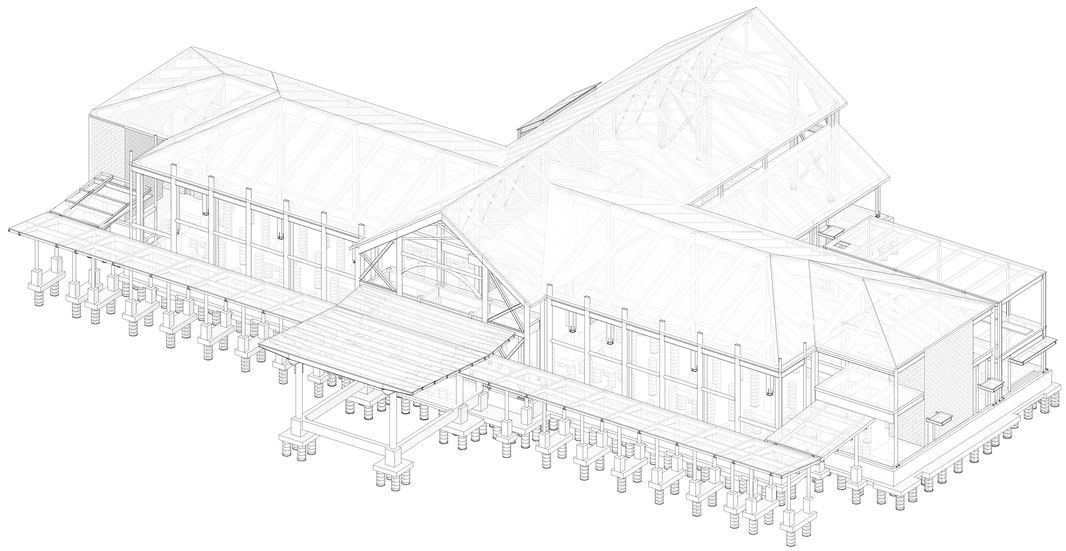
SHEET TITLE:
COLUMN SCHEDULE 3 (BASE PLATE DETAILS)
BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

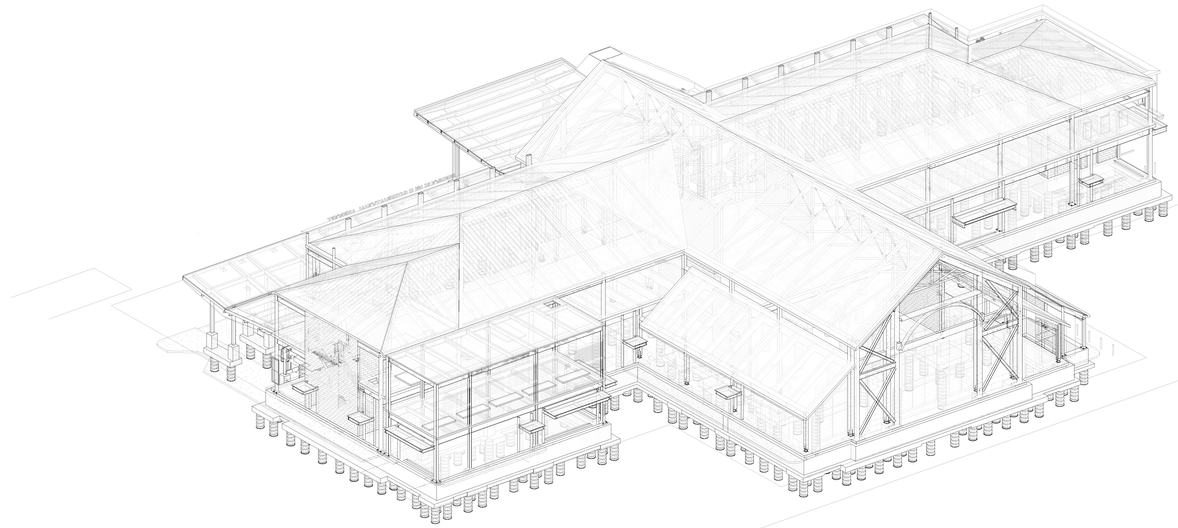
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S6.103



1 **PASSENGER TERMINAL - LANDSIDE AXONOMETRIC**
NTS



2 **PASSENGER TERMINAL - AIRSIDE AXONOMETRIC**
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
MOSTAFA ELMORSI
18477
6/4/24
LICENSED PROFESSIONAL ENGINEER

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
STRUCTURAL AXONOMETRIC VIEWS

BID DOCUMENTS

DISCIPLINE:
STRUCTURAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AM	TC/TS	AM	ME

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
S9.101

SYMBOLS LEGEND

ROOM KEY:
Room name — ROOM NAME
101 — ROOM NUMBER

ELEV 25'-0" — SPOT ELEVATION KEY

ALIGN KEY

MATCH LINE
SEE X/XXXX — MATCH LINE

LIMIT OF ARCHITECTURAL WORK

1" — DIMENSION LINE

— (NEW COLUMN LINE)

— COLUMN LINE INDICATORS
(EXISTING COLUMN LINE)

FD — FLOOR DRAIN

RD — ROOF DRAIN

DF — DRINKING FOUNTAIN

FEC — FIRE EXTINGUISHER W/ RECESSED CABINET

FEC — FIRE EXTINGUISHER W/ SEMI-RECESSED CABINET

FE — FIRE EXTINGUISHER W/O CABINET

101 — DOOR NUMBER

S — SEALANT

S — SEALANT & BACKER ROD

DETAIL KEY:
X / SIM / XXX — DETAIL NUMBER / DRAWING NUMBER

WALL SECTION KEY

BUILDING SECTION KEY

ENLARGED PLAN KEY

1 / A1.100.10 — EXTERIOR ELEVATION KEY

1 / A6.102 — INTERIOR ELEVATION KEY

1 / 4 A6.102 2 / 3 — MULTIPLE INTERIOR ELEVATIONS

1 — REVISION KEY

1 — KEYNOTE INDICATOR

1t — WINDOW TYPE

1 — LOUVER TYPE

1i — INTERIOR PARTITION TYPE

EWS-1 — EXTERIOR ASSEMBLY TYPE

A8e — CURTAIN WALL/STOREFRONT TYPE

PLAN SHEET NUMBER:

A1.1##

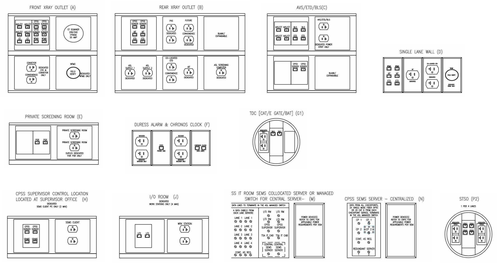
DISCIPLINE
SHEET CATEGORY
PLAN AREA OR NUMBER IN THE SERIES
LEVEL OR SERIES

OTHER SHEET NUMBER:

A3.1##

DISCIPLINE
SHEET CATEGORY
NUMBER IN THE SERIES
SERIES

FLOOR OUTLET TYPES



GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL BUILDING CODES.
2. REFER TO CODE SUMMARY FOR FIRE RATINGS OF ELEMENTS.
3. CONTRACTOR SHALL INCLUDE SCOPE AND COORDINATE WITH GENERAL, STRUCTURAL, AND ME/P/FP DOCUMENTS PRIOR TO BID AND BEFORE ANY DEMOLITION. ADDITIONAL SCOPE OF GENERAL CONTRACTOR IS IDENTIFIED IN THESE DRAWINGS.
4. CONTRACTOR SHALL CONFORM TO DIVISION I GENERAL REQUIREMENTS AND COVENANTS AND DIVISION II SPECIAL PROVISIONS OF THE CONTRACT DOCUMENTS
5. CONTRACTOR SHALL VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT THE PROJECT. CONTRACTOR TO PROVIDE TEMPORARY SIGNAGE TO IDENTIFY LOCATIONS OF EXITS, RELOCATED EQUIPMENT OR TO IDENTIFY ANY EQUIPMENT OR VERTICAL CIRCULATION ELEMENT OUT OF SERVICE AND TO REDIRECT TO NEAREST AVAILABLE ELEMENT. REFER TO CODE ANALYSIS, EGRESS AND SIGNAGE DRAWINGS. MAINTAIN SIGNAGE OF AND CLEAR AND SAFE PASSAGE TO ALL LIFE SAFETY FEATURES SUCH AS BUT NOT LIMITED TO: FIRE ALARM STATIONS OR PANELS, DEFIBRILLATORS, FIRE HOSE CABINETS OR ANY OTHER LIFE SAFETY FEATURE. MAINTAIN ACCESS TO ALL EXISTING ELECTRICAL AND DATA CLOSETS.
6. CONTRACTOR SHALL FURNISH COVERED CONTAINERS FOR DEBRIS REMOVAL. REMOVAL CONTAINER TO REMAIN COVERED AT ALL TIMES. ANY ON AIRPORT DEBRIS CONTAINERS AND LOCATIONS THEREOF WILL BE APPROVED BY THE CLIENT. ANY DOOR SERVING A TRASH CHUTE IS REQUIRED TO BE FIRE RATED. CONFIGURATION OF TRASH CHUTES NEED TO BE APPROVED BY THE AIRPORT. REMOVAL OF ANY DEBRIS OR COMBUSTIBLES IS TO OCCUR BY THE END OF EACH SHIFT. CONTAINERS SHALL NOT BLOCK ACCESS OR VISIBILITY OF ANY FIRE OR LIFE SAFETY ELEMENT. REFER TO HAZARDOUS MATERIAL SPECIFICATIONS AND FINISH FLOOR DEMOLITION DRAWINGS.
7. REFER TO HAZARDOUS MATERIALS AND SUSTAINABILITY GUIDELINES SPECIFICATION PRIOR TO DEMOLITION.
8. PROVIDE TEMPORARY 42" OSHA COMPLIANT GUARDS SURROUNDING ANY FLOOR OPENINGS PRIOR TO INFILL. PROVIDE OSHA REQUIRED FALL PROTECTION FOR WORK OF ALL TRADES ON ALL LEVELS AND ROOF.
9. ALL PLYWOOD SHALL BE FIRE RETARDANT AND EXTERIOR PLYWOOD SHALL BE PRESSURE TREATED.
10. PROVIDE PORTABLE FIRE EXTINGUISHERS PER NFPA 10.
11. FOR EXTENT OF CUTTING/PATCHING/INFILLING OF FLOOR SLABS, REFER TO STRUCTURAL AND M/E/P/FP DRAWINGS.
12. THE CONTRACTOR SHALL VISUALLY INSPECT THE PROJECT SITE AND NOTIFY THE OWNER IMMEDIATELY IF ANY WORK INDICATED IN THE CONTRACT DOCUMENTS CANNOT BE PERFORMED.
13. DO NOT SCALE DRAWINGS. ALL DIMENSIONS REFERENCED ON DRAWINGS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE CLIENT WITH ANY DIFFERENCES AND OBTAINING CLARIFICATION FROM THE CLIENT AND ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION. IT IS EXPECTED THAT THE CONTRACTOR SURVEY ALL EXISTING AREAS AND IMPLEMENT ANY ADJUSTMENTS TO THEIR WORK PLANS SO TO NOT CAUSE DELAY TO THE PROJECT.
14. CONTRACTOR SHALL REPAIR, PATCH AND MATCH ANY FINISH OF ANY DAMAGE OCCURING DURING CONSTRUCTION TO FLOORS, WALLS, CEILINGS, LIGHTING, FIRE PROTECTION EQUIPMENT, ETC.
15. CONTRACTOR TO PROVIDE DUST CONTROL FOR ADJACENT SPACES DURING CONSTRUCTION PHASES.
16. GC TO COORDINATE ALL NEW CONSTRUCTION WITH ALL DISCIPLINES. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK.

PLAN LEGEND

EXISTING PARTITION TO BE REMOVED	EXISTING PARTITION TO REMAIN
NEW PARTITION	CURTAIN WALL
WINDOW OR LOUVER	RECESSED ITEM
1 HOUR RESISTIVE RATED CONSTRUCTION	2 HOUR RESISTIVE RATED CONSTRUCTION
PARTIAL HEIGHT PARTITION	CORNER GUARD
EXISTING DOOR TO BE REMOVED	EXISTING DOOR TO REMAIN
NEW DOOR	NEW DOUBLE DOOR
NEW DOUBLE ACTING DOOR	NEW DOUBLE EGRESS DOOR
NEW POCKET DOOR	NEW SLIDING DOOR
NEW CASED OPENING	NEW OVERHEAD ROLLING DOOR
NEW BIFOLD DOOR	NEW DOUBLE BI-FOLD DOOR

ABBREVIATIONS

AA	AMERICAN AIRLINES
AC	AIR-CONDITIONING
ACC	ACCESSIBLE
ACOUST	ACOUSTICAL
ACS	ACCESS CONTROL SYSTEM
ACT	ACOUSTICAL CEILING TILE
ACR	ACRYLIC
ADA	AMERICAN DISABILITY ACT
AD	AREA DRAIN
ADJ	ADJUSTABLE
AE	AMERICAN EAGLE AIRLINES
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL/ARCHITECT
ATO	AIRLINE TICKETING OPERATIONS
ATTD	ATTACHED
BD	BOARD
BEL	BELOW
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK(ING)
BM	BEAM
BO	BOTTOM OF
BOD	BASIS OF DESIGN
BOT	BOTTOM
BS	BOTH SIDES
BTWN	BETWEEN
CAB	CABINET
CB	CATCH BASIN
CAC	CONTINUOUS ACCELERATED CONSTRUCTION
CEM	CEMENT
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFL	COMPACT FLUORESCENT LIGHTING
CFMF	COLD-FORMED METAL FRAMING
CG	CORNER GUARD
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLNG	CEILING
CLR	CLEAR(ANCE)
CLR OPG	CLEAR OPENING
CMU	CONCRETE MASONRY UNIT
COL(S)	COLUMN(S)
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCTION
CONT	CONTINUOUS
COMM	COMMUNICATIONS
CORR	CORRIDOR, CORRUGATED
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CW	CURTIANWALL
D	DEEP, DEPTH
DBL	DOUBLE
DEMO	DEMOLISH/DEMOLITION
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DIV	SPECIFICATION DIVISION
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DPIP	DIGITAL PASSENGER INFORMATION PROGRAM
DWG	DRAWING
EA	EACH
EB	EXPANSION BOLT
ED	EMERGENCY ROOF DRAIN
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR (EDPM)
ENCL	ENCLOSURE
EOD	EDGE OF METAL DECK
EOS	EDGE OF SLAB
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
ESC	ESCALATOR
ETD	EXPLOSIVE TRACE DETECTION
EV	ELEVATOR
EX	EXISTING
EXEC	EXECUTIVE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FAB	FABRICATE(D)
FACP	FIRE ALARM CONTROL PANEL
FAST	FASTEN(ER)
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FHC	FIRE HOSE CABINET
FID, FIDS	FLIGHT INFORMATION DISPLAY SYSTEM
FIN	FINISH
FIXT	FIXTURE
FL	FLOOR
FLUOR	FLUORESCENT
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FP	FIRE PROTECTION
FRP	FIBER REINFORCED PLASTIC
FRT	FIRE RETARDANT
FT	FEET / FOOT
FTG	FOOTING
FURR	FURRING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GFRC	GLASS FIBER REINFORCED COLUMN
GL	GLASS
GR	GRADE
GSE	GROUND SERVICE EQUIPMENT
GWB	GYPSUM BOARD
H	HIGH, HEIGHT
HB	HOSE BIBB
HC	HOLLOW CORE
HDCP	HANDICAP PERSON
HDWD	HARDWOOD
HDWE	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HVAC	HEATING, VENTILATING AND AIR-CONDITIONING
ID	INSIDE DIAMETER
INCAND	INCANDESCENT
INCL	INCLUDE(D, ING)
INSTL	INSTALLED
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JT	JOINT
KD	KILN-DRIED
KO	KNOCKOUT
L	LONG, LENGTH
LAM	LAMINATE(D)
LAV	LAVATORY
LCC	LEAD-COATED COPPER
LGMF	LIGHT GAUGE METAL FRAMING
LH	LEFT HAND
LP	LOW POINT
LTG	LIGHTING
MACH	MACHINE
MAG	WALK THROUGH METAL DETECTOR
MANUF	MANUFACTURER
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MED	MEDIUM, MEDIAN
MEMB	MEMBRANE
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODULAR
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MWK	MILLWORK
NAT	NATURAL
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
O.C.	ON CENTER
OCC	OCCUPANT
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OFF	OFFICE
OPNG	OPENING
OPP H	OPPOSITE HAND
OPP	OPPOSITE
PC	PRECAST
PERF	PERFORATED
PERIM	PERIMETER
PL	PLATE
PLAM	PLASTIC LAMINATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PP	POWER POLE
PR	PAIR
PT	POINT
P-T	PRESSURE-TREATED
PTD	PAINTED
PTN	PARTITION
QTY	QUANTITY
QTZ	QUARTZ
R	RADIUS, RISER
RUB	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE	RESIDENT ENGINEER
REF	REFERENCE
REG	REGISTER
REINF	REINFORCED
RENOV	RENOVATE(D)
REQ	REQUIRED
RESIL	RESILIENT
RET	RETURN
REV	REVISION
RGS	RIGID GALVANIZED STEEL (CONDUIT)
RH	RIGHT HAND
RWL	RAIN WATER LEADER
RM	ROOM
RO	ROUGH OPENING
SC	SOLID CORE
SCHED	SCHEDULE
SECT	SECTION
SEP	SEPARATE
SFRM	SPRAY APPLIED FIREPROOFING
SHT	SHEET
SHTH	SHEATHING
SIM	SIMILAR
SPEC	SPECIFICATIONS
SQ	SQUARE
SS	SERVICE SINK
SST, ST STL	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
T	TREAD
TCO	TEMPORARY CERTIFICATE OF OCCUPANCY
TEMP	TEMPORARY, TEMPERED
TEL	TELEPHONE
TER	TERRAZZO
THK	THICK(NESS)
THRU	THROUGH
TIX	TICKETING
TO	TOP OF
TOC	TOP OF CURB, TOP OF CONCRETE
TOD	TOP OF METAL DECK
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TV	TELEVISION
TYP	TYPICAL
TSA	TRANSPORTATION SECURITY AGENCY
UNF	UNFINISHED
UON	UNLESS OTHERWISE NOTED
US	UNDERSIDE
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VIN	VINYL
W	WIDE, WIDTH
W/	WITH
WC	WATER CLOSET
WF	WATER FOUNTAIN
WD	WOOD
WIN	WINDOW
WO	WINDOW OPENING
W/O	WITHOUT
WP	WORKING POINT
WPR	WATERPROOF(ING)
WS	WEATHERSTRIP(ING)
WT	WEIGHT
WWF	WELDED WIRE FABRIC

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ABBREVIATIONS, SYMBOLS, & GENERAL NOTES

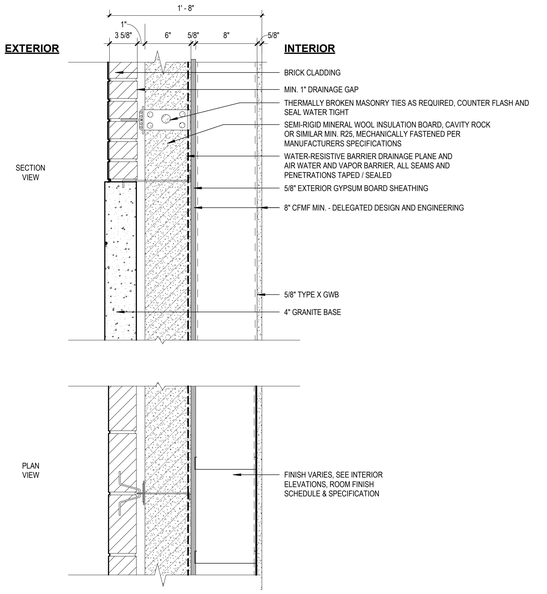
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

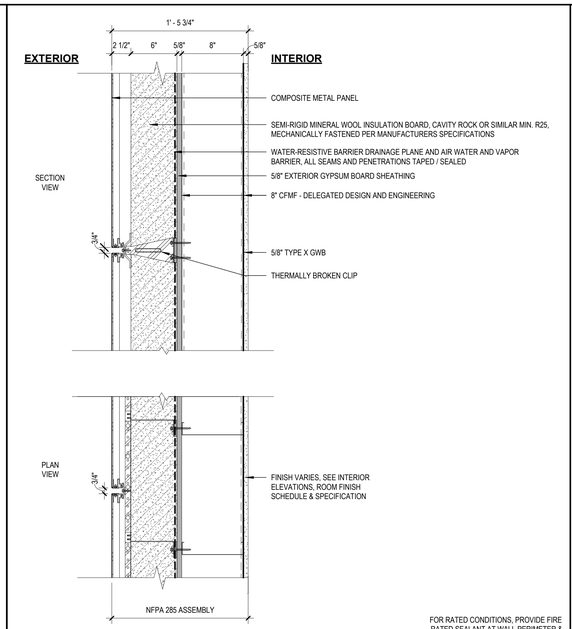
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A0.000



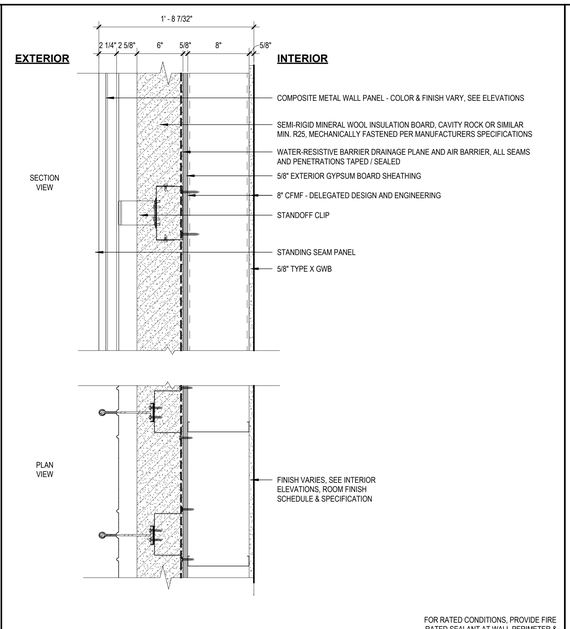
EWS-01 | EXTERIOR WALL SYSTEM 1 - BRICK CAVITY WALL

UL RATED ASSEMBLY - U419 AT RATED WALLS



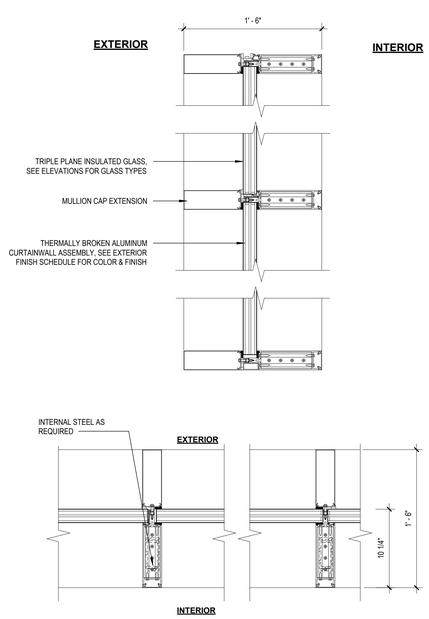
EWS-02 | EXTERIOR WALL SYSTEM 2 - METAL WALL PANEL

UL RATED ASSEMBLY - U419 AT RATED WALLS

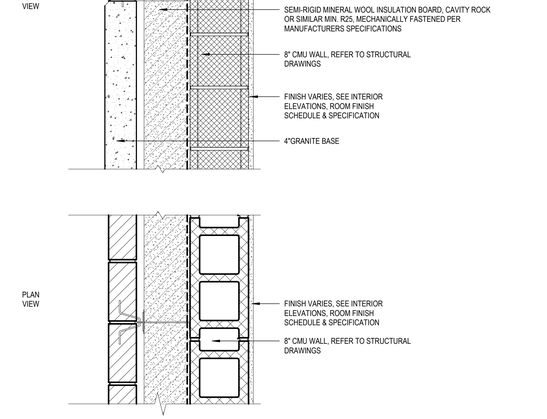


EWS-03 | EXTERIOR WALL SYSTEM 3 - STANDING SEAM CLADDING

UL RATED ASSEMBLY - U419 AT RATED WALLS

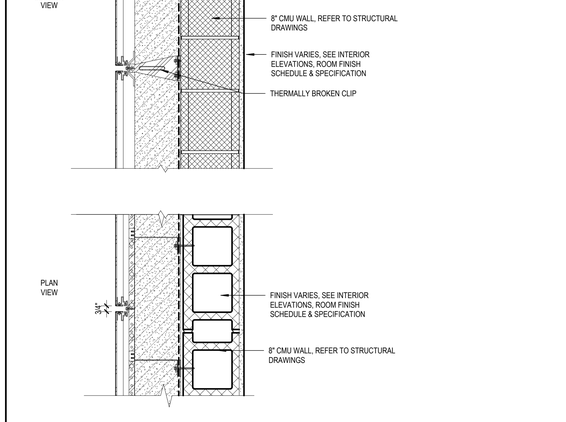


CWS-01 | CURTAIN WALL SYSTEM 1 - 18" SYSTEM



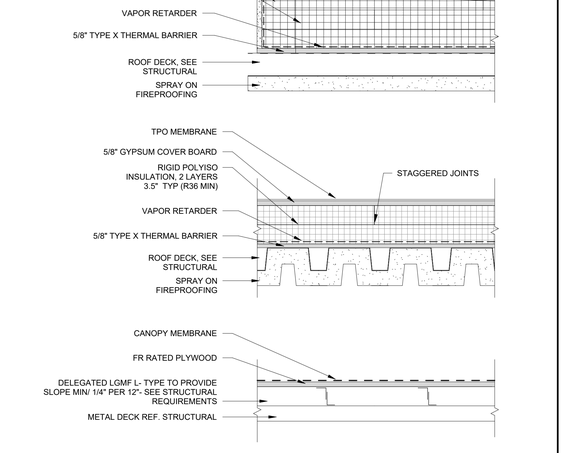
EWS-01A | EXTERIOR WALL SYSTEM 1 - BRICK ON CMU

UL RATED ASSEMBLY - U419 AT RATED WALLS



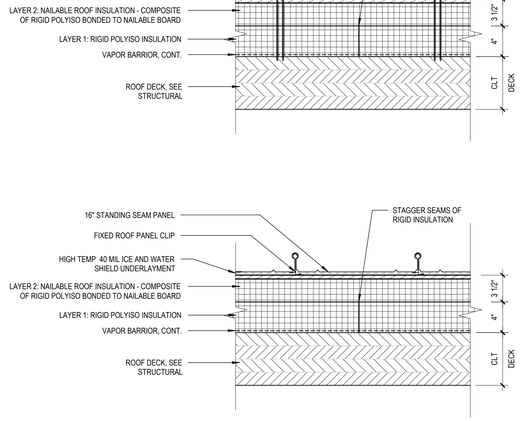
EWS-02A | EXTERIOR WALL SYSTEM 2 - METAL WALL PANEL ON CMU

UL RATED ASSEMBLY - U419 AT RATED WALLS



RS-02 | ROOF SYSTEM 2 - MEMBRANE ROOF

UL RATED ASSEMBLY - P719



RS-01 | ROOF SYSTEM 1 - PAINTED STANDING SEAM

UL RATED ASSEMBLY - P719

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
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BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR WALL & ROOF SYSTEMS

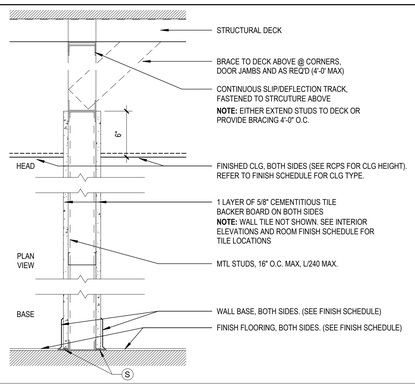
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

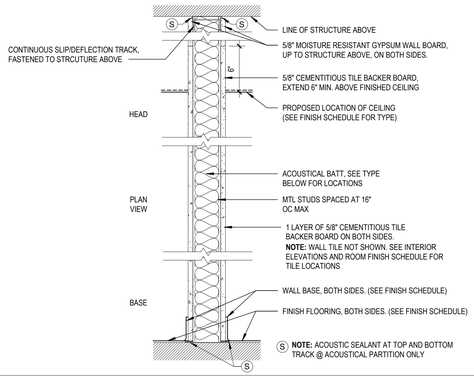
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A0.001



PARTITION TYPE 8 - CTBB 2 SIDES - 6IN ABOVE CLG

TAG	ASSEMBLY WIDTH	STRUCTURE	FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
8A	4 7/8"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" CEMENTITIOUS TILE BACKER BOARD ON BOTH SIDES	6" ABOVE FINISHED CEILING	NR	NO	



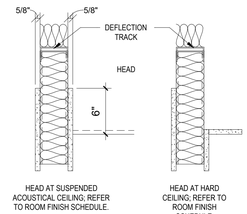
PARTITION TYPE 7 - CTBB 2 SIDES - TO STRUC ABOVE

TAG	ASSEMBLY WIDTH	STRUCTURE	FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
7CS	9 1/4"	8" METAL STUDS 16" OC	1 LAYER OF 5/8" CEMENTITIOUS TILE BACKER BOARD ON BOTH SIDES	TO UNDERSIDE OF STRUCTURE	NR	YES	ADD SECURITY MESH

SHEET NOTES

1. FOR PAINT, TILE AND OTHER FINISHES, REFER TO FINISH SCHEDULE.
2. COVER ALL EXPOSED GYPSUM WALLBOARD EDGES WITH "J" BEAD AND ALL EXPOSED CORNERS WITH CORNER BEADS.
3. **USE TYPE "X" 5/8" GYPSUM WALLBOARD FOR ALL INTERIOR PARTITIONS, FURRING, ETC. U.O.N.**
   A. **PER FIRE CODE FOR BUILDINGS WITH HEAVY TIMBER STRUCTURE**
4. USE 5/8" MOISTURE RESISTANT GYPSUM WALL BOARD FOR JANITOR CLOSETS, SHOWERS, TOILETS PUMP ROOM, AND OTHER MOIST AREAS.
5. NO ACOUSTICAL INSULATION ON EXTERIOR WALLS UON.
6. FLOOR ASSEMBLY (COMPOSITE METAL DECK) IS A 2HR RATED UL ASSEMBLY.
7. ROOF ASSEMBLY (METAL DECK WITH SPRAYED FIREPROOFING) IS A 1HR RATED ASSEMBLY.
8. PARTITION TAGS SHOWN ON PLANS:

9. ALL PARTITION TYPES DRAWN TO DEPICT TYPICAL HEAD CONDITION FOR PARTITION THAT HAS A FINISH FULL HEIGHT TO UNDERSIDE OF STRUCTURE. ALL RATED PARTITIONS TO HAVE FINISH FULL HEIGHT TO UNDERSIDE OF THE UNDERSIDE OF STRUCTURE. IF PARTITON IS NOT RATED, HEAD DETAIL WILL REQUIRE MODIFICATION AS OUTLINED:



10. PARTITIONS REQUIRING SECURITY MESH, PROVIDE 18 GAUGE OPEN METAL MESH FROM THE FLOOR TO THE STRUCTURE ABOVE. INSTALL SECURITY MESH ON THE PUBLIC FACING SIDE OF THE PARTITION. SEE PLANS FOR SECURITY MESH LOCATIONS.
11. MTL STUD / LGMF SIZE ARE FOR REFERENCE ONLY. FINAL SELECTION SHALL BE MADE BY THE CONTRACTOR AND COORDINATED IN SHOP DRAWINGS.
12. ON ACOUSTICAL WALLS WITH SOUND ATTENUATION INSULATION TO FRAME SIZE TYPE.

PARTITION TYPE 6 - GWB 2 SIDES - 6IN ABOVE CLG

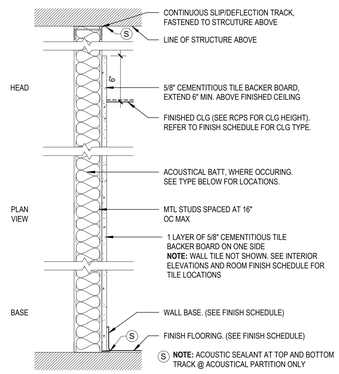
TAG	ASSEMBLY WIDTH	STRUCTURE	FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
6A	4 7/8"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	6" ABOVE FINISHED CEILING	NR	NO	--
6C	9 1/4"	8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	6" ABOVE FINISHED CEILING	NR	NO	--

PARTITION TYPE 5 - GWB 1 SIDE - 6IN ABOVE CLG

TAG	ASSEMBLY WIDTH	STRUCTURE	FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
5A	4 1/4"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD ON 1 SIDE	6" ABOVE FINISHED CEILING	NR	NO	

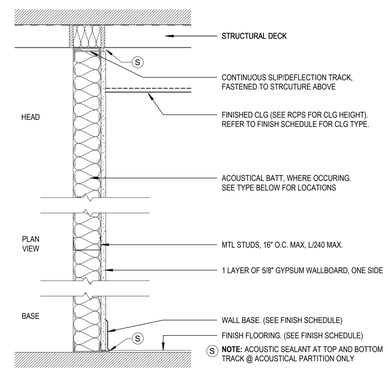
PARTITION TYPE 4 - CTBB 1 SIDE - 6IN ABOVE CLG

TAG	ASSEMBLY WIDTH	STRUCTURE	FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
4A	4 1/4"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" CEMENTITIOUS TILE BACKER BOARD ON ONE SIDE	6" ABOVE FINISHED CEILING	NR	NO	



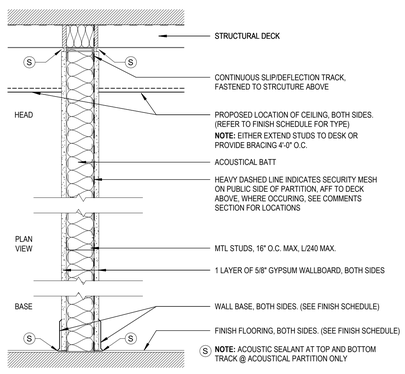
PARTITION TYPE 3 - CTBB 1 SIDE - TO STRUC ABOVE

TAG	ASSEMBLY WIDTH	STRUCTURE	FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
3A	4 1/4"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" CEMENTITIOUS TILE BACKER BOARD ON ONE SIDE	TO UNDERSIDE OF STRUCTURE	NR	YES	
3B	8 5/8"	6" METAL STUDS 16" OC	1 LAYER OF 5/8" CEMENTITIOUS TILE BACKER BOARD ON ONE SIDE	TO UNDERSIDE OF STRUCTURE	NR	YES	
3BS	8 5/8"	6" METAL STUDS 16" OC	1 LAYER OF 5/8" CEMENTITIOUS TILE BACKER BOARD ON ONE SIDE	TO UNDERSIDE OF STRUCTURE	NR	YES	ADD SECURITY MESH



PARTITION TYPE 2 - GWB 1 SIDE - TO STRUC ABOVE

TAG	ASSEMBLY WIDTH	STRUCTURE	FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
2A	4 1/4"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD ON 1 SIDE	TO UNDERSIDE OF STRUCTURE	NR	YES	
2AS	4 1/4"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD ON 1 SIDE	TO UNDERSIDE OF STRUCTURE	NR	YES	ADD SECURITY MESH
2B	6 5/8"	6" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD ON 1 SIDE	TO UNDERSIDE OF STRUCTURE	NR	YES	
2C	8 5/8"	8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD ON 1 SIDE	TO UNDERSIDE OF STRUCTURE	NR	YES	



PARTITION TYPE 1 - GWB 2 SIDES - TO STRUC ABOVE

TAG	ASSEMBLY WIDTH	STRUCTURE	FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
1A	4 7/8"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	TO UNDERSIDE OF STRUCTURE	1 HR	YES	--
1AS	4 7/8"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	TO UNDERSIDE OF STRUCTURE	1 HR	YES	ADD SECURITY MESH
1B	7 1/4"	6" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	TO UNDERSIDE OF STRUCTURE	1 HR	YES	--
1BS	7 1/4"	6" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	TO UNDERSIDE OF STRUCTURE	1 HR	YES	ADD SECURITY MESH
1C	9 1/4"	8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	TO UNDERSIDE OF STRUCTURE	1 HR	YES	--
1CS	9 1/4"	8" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	TO UNDERSIDE OF STRUCTURE	1 HR	YES	ADD SECURITY MESH

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR PARTITION TYPES I
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

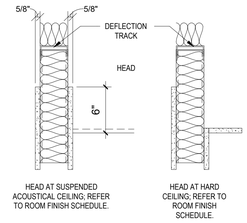
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A0.002

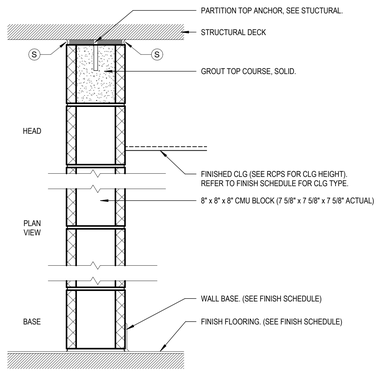
SHEET NOTES

1. FOR PAINT, TILE AND OTHER FINISHES, REFER TO FINISH SCHEDULE.
2. COVER ALL EXPOSED GYPSUM WALLBOARD EDGES WITH "J" BEAD AND ALL EXPOSED CORNERS WITH CORNER BEADS.
3. **USE TYPE "X" 5/8" GYPSUM WALLBOARD FOR ALL INTERIOR PARTITIONS, FURRING, ETC. U.O.N.**
   A. **PER FIRE CODE FOR BUILDINGS WITH HEAVY TIMBER STRUCTURE**
4. USE 5/8" MOISTURE RESISTANT GYPSUM WALL BOARD FOR JANITOR CLOSETS, SHOWERS, TOILETS PUMP ROOM, AND OTHER MOIST AREAS.
5. NO ACOUSTICAL INSULATION ON EXTERIOR WALLS UON.
6. FLOOR ASSEMBLY (COMPOSITE METAL DECK) IS A 2HR RATED UL ASSEMBLY.
7. ROOF ASSEMBLY (METAL DECK WITH SPRAYED FIREPROOFING) IS A 1HR RATED ASSEMBLY.
8. PARTITION TAGS SHOWN ON PLANS:

9. ALL PARTITION TYPES DRAWN TO DEPICT TYPICAL HEAD CONDITION FOR PARTITION THAT HAS A FINISH FULL HEIGHT TO UNDERSIDE OF STRUCTURE. ALL RATED PARTITIONS TO HAVE FINISH FULL HEIGHT TO UNDERSIDE OF THE UNDERSIDE OF STRUCTURE. IF PARTITON IS NOT RATED, HEAD DETAIL WILL REQUIRE MODIFICATION AS OUTLINED.

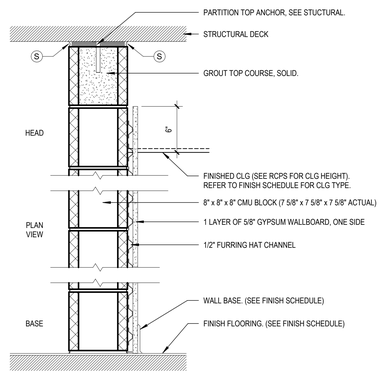


10. PARTITIONS REQUIRING SECURITY MESH, PROVIDE 18 GAUGE OPEN METAL MESH FROM THE FLOOR TO THE STRUCTURE ABOVE. INSTALL SECURITY MESH ON THE PUBLIC FACING SIDE OF THE PARTITION. SEE PLANS FOR SECURITY MESH LOCATIONS.
11. MTL STUD / LGMF SIZE ARE FOR REFERENCE ONLY. FINAL SELECTION SHALL BE MADE BY THE CONTRACTOR AND COORDINATED IN SHOP DRAWINGS.
12. ON ACOUSTICAL WALLS WITH SOUND ATTENUATION INSULATION TO FRAME SIZE TYPE.



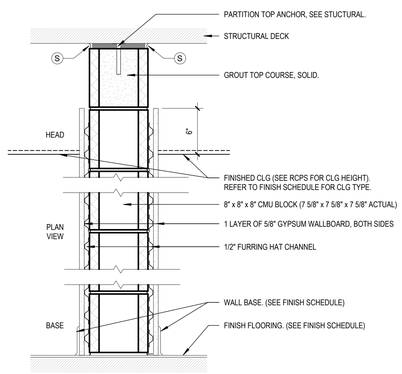
PARTITION TYPE 21 - 8IN CMU

TAG	ASSEMBLY WIDTH	ASSEMBLY STRUCTURE	ASSEMBLY FINISH	HEAD CONDITION	RATING	ACOUSTICAL INSULATION	COMMENTS
21	7 5/8"	8" x 8" x 8" CMU BLOCK	N/A	TO UNDERSIDE OF STRUCTURE	2HR	NO	



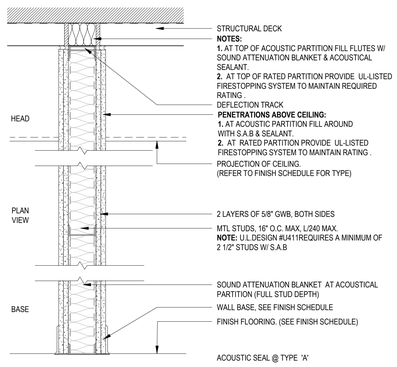
PARTITION TYPE 20 - GWB 1 SIDE - 8IN CMU

TAG	ASSEMBLY WIDTH	ASSEMBLY STRUCTURE	ASSEMBLY FINISH	HEAD CONDITION	RATING	ACOUSTICAL INSULATION	COMMENTS
20	8 3/4"	8" x 8" x 8" CMU BLOCK	1 LAYER OF 5/8" GYPSUM WALLBOARD ON 1 SIDE	TO UNDERSIDE OF STRUCTURE	2HR	NO	
20S	8 3/4"	8" x 8" x 8" CMU BLOCK	1 LAYER OF 5/8" GYPSUM WALLBOARD ON 1 SIDE	TO UNDERSIDE OF STRUCTURE	2HR	NO	CMU PARTITION DOES NOT REQUIRE SECURITY MESH



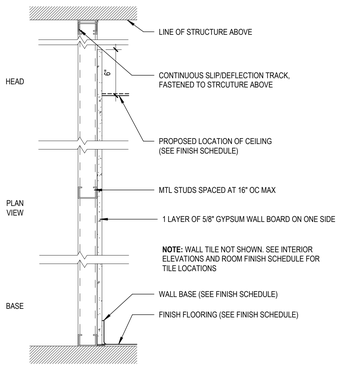
PARTITION TYPE 19 - GWB 2 SIDES - 8IN CMU

TAG	ASSEMBLY WIDTH	ASSEMBLY STRUCTURE	ASSEMBLY FINISH	HEAD CONDITION	RATING	ACOUSTICAL INSULATION	COMMENTS
19	9 7/8"	8" x 8" x 8" CMU BLOCK	1 LAYER OF 5/8" GYPSUM WALLBOARD BOTH SIDES	TO UNDERSIDE OF STRUCTURE	2HR	<varies>	



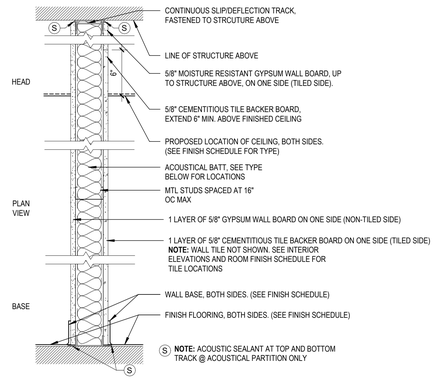
PARTITION TYPE 11 - 2HR FR

TAG	ASSEMBLY WIDTH	ASSEMBLY STRUCTURE	ASSEMBLY FINISH	HEAD CONDITION	RATING	ACOUSTICAL INSULATION	COMMENTS
11B	8 1/2"	6" METAL STUDS 16" OC	2 LAYERS OF 5/8" GYPSUM WALLBOARD BOTH SIDES	TO UNDERSIDE OF STRUCTURE	2 HR	YES	



PARTITION TYPE 10 - FURRING WALL WITH GWB FINISH ONE SIDE

TAG	ASSEMBLY WIDTH	ASSEMBLY STRUCTURE	ASSEMBLY FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
10B	3 1/8"	2 1/2" METAL STUDS 16" OC	1 LAYER OF 5/8" GYPSUM WALLBOARD ON 1 SIDE	6" ABOVE FINISHED CEILING	NR	NO	FURRING WALL



PARTITION TYPE 9 - GWB 1 SIDE AND CTBB 1 SIDE - TO STRUC BELOW

TAG	ASSEMBLY WIDTH	ASSEMBLY STRUCTURE	ASSEMBLY FINISH	HEAD CONDITION	FR	ACOUSTICAL INSULATION	COMMENTS
9A	4 7/8"	3 5/8" METAL STUDS 16" OC	1 LAYER OF 5/8" GWB ON 1 SIDE AND 1 LAYER OF CEMENTITIOUS TILE BACKER BOARD ON 1 SIDE (THE TILED SIDE)	TO UNDERSIDE OF STRUCTURE	NR	YES	
9B	7 1/4"	6" METAL STUDS 16" OC	1 LAYER OF 5/8" GWB ON 1 SIDE AND 1 LAYER OF CEMENTITIOUS TILE BACKER BOARD ON 1 SIDE (THE TILED SIDE)	TO UNDERSIDE OF STRUCTURE	NR	YES	
9BS	7 1/4"	6" METAL STUDS 16" OC	1 LAYER OF 5/8" GWB ON 1 SIDE AND 1 LAYER OF CEMENTITIOUS TILE BACKER BOARD ON 1 SIDE (THE TILED SIDE)	TO UNDERSIDE OF STRUCTURE	NR	YES	ADD SECURITY MESH
9C	9 1/4"	8" METAL STUDS 16" OC	1 LAYER OF 5/8" GWB ON 1 SIDE AND 1 LAYER OF CEMENTITIOUS TILE BACKER BOARD ON 1 SIDE (THE TILED SIDE)	TO UNDERSIDE OF STRUCTURE	NR	YES	
9CS	9 1/4"	8" METAL STUDS 16" OC	1 LAYER OF 5/8" GWB ON 1 SIDE AND 1 LAYER OF CEMENTITIOUS TILE BACKER BOARD ON 1 SIDE (THE TILED SIDE)	TO UNDERSIDE OF STRUCTURE	NR	YES	ADD SECURITY MESH

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

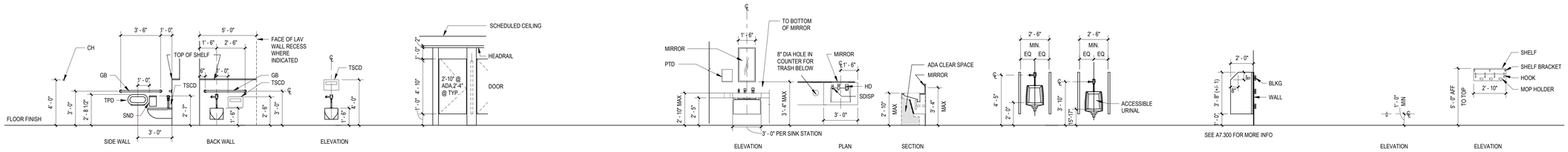
SHEET TITLE:
INTERIOR PARTITION TYPES II
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

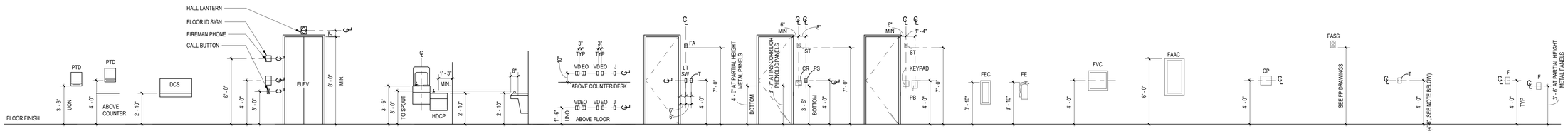
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A0.003

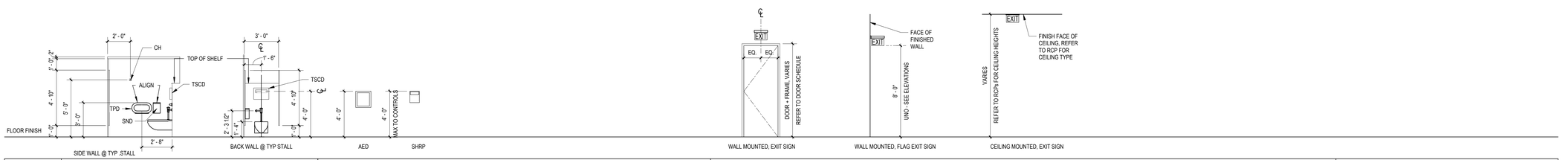


DESCRIPTION	TOILET/WATER CLOSETS ACCESSIBLE	TOILET PARTITION	TOILET ROOMS	URINAL AND URINAL SCREENS	HB HOSE BIB	SHELF W/ MOP/BROOM HOLDERS AND RAG HOOKS
NOTES :	1. SND - SANITARY NAPKIN DISPOSAL. PROVIDE AT COMPANION CARE AND WOMEN'S TOILET ROOMS ONLY. 2. GB - GRAB BARS. AT NON-ACCESSIBLE WATER CLOSETS OMIT GRAB BARS. 3. TPH - TOILET PAPER HOLDER 4. TSCD- TOILET SEAT COVER DISPENSER 5. CH- COAT HOOK/ DOOR BUMPER	1. PROVIDE MIN. 2'-10" WIDE DOOR FOR WHEEL CHAIR ACCESSIBLE TOILET STALL	1. SEE ENLARGED PLANS FOR MORE TOILET ACCESSORY INFO. 2. SEE MILLWORK DETAILS FOR MORE LAVATORY INFO.	1. ALL ROOMS WITH URINALS SHALL HAVE AT LEAST ONE AT ACCESSIBLE HEIGHT. REMAINING URINALS SHALL BE AT NON-ACCESSIBLE HEIGHT UNO. 2. PROVIDE WALL BLOCKING AND CONTINUOUS MOUNTING BRACKET AT URINAL SCREEN, SEE A7.300 FOR MORE INFO.		

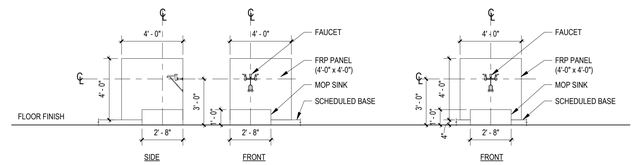


DESCRIPTION	PAPER TOWEL DISPENSER	DIAPER CHANGING STATION	ELEVATOR	DF, DRINKING FOUNTAIN W/ BOTTLE FILLER	ELECT/COMM OUTLETS	LIGHT SWITCH/ FIRE ALARM	CARD READER /AV STROBE/ PULL STATION	KEYPAD / PUSH BUTTON ACTUATOR	FE CABINET + FIRE EXTINGUISHER (FE)	FIRE HOSE VALVE CABINET	FIRE ALARM ANNUNCIATOR CABINET		FIRE ALARM SPEAKER/STROBE MOUNT HEIGHT SHALL BE NO LOWER THAN 7' - 3" AFF TO BOTTOM	THERMOSTAT + T-STAT / CO2 COMBO UNIT	FIRE ALARM PULL STATION
NOTES :		DIMENSION INDICATES TOP OF CHANGING SURFACE WHEN IN THE OPEN POSITION		1. WHERE A PAIR OF DF'S ARE REQUIRE INSTALL AS INDICATED ABOVE. 2. HDCP - HANDICAP DF	MOUNT HEIGHTS SHOWN FOR ABOVE FLOOR AND ABOVE COUNTER UNO., REFER TO ELEVATIONS FOR LOCATIONS.	AT DOOR LOCATION T - THERMOSTAT FA - FIRE ALARM DEVICE	COORDINATE WALL FINISHES IN FIELD ST - AV STROBE DEVICE	COORDINATE WALL FINISHES IN FIELD PB - PUSH BUTTON ACTUATOR AT EXIT LANE DOOR ONLY (AIR SIDE OF DOOR)	MOUNT HEIGHT INDICATES TOP OF CABINET DOOR. MOUNTING HEIGHT INDICATES TOP OF FIRE EXTINGUISHER, ON HANGER	TO CENTER OF CABINET	MOUNT HEIGHT INDICATES TOP OF CABINET DOOR.			MOUNT HEIGHT INDICATES CENTER LINE OF DEVICE, TYPICAL HT. U.O.N.	MOUNT HEIGHT INDICATES CENTER LINE OF DEVICE, TYPICAL HT. U.O.N.

GENERAL NOTE : REFER TO TOILET ROOM PLANS & ELEVATIONS FOR FIXTURES AND ACCESSORY LOCATIONS AND TYPES.



DESCRIPTION	TOILET/WATER CLOSETS (STANDARD STALL)	AUTOMATED EXTERNAL DEFIBRILLATOR (AED) AND SHARPS (SHRP) DISPOSAL AND AIR FRESHENER	EXIT SIGNS	GENERAL NOTES
NOTES :	1. TSCD- TOILET SEAT COVER DISPENSER 2. TPD- TOILER PAPER DISPENSER 3. SND - SANITARY NAPKIN DISPOSAL. PROVIDE AT UNISEX, & WOMEN'S TOILET RMS. ONLY 4. ALL TOILET PARTITION BRACKETS TO BE STAINLESS STEEL 5. CH- COAT HOOK/ DOOR BUMPER	1. AED - MOUTING HEIGHT INDICATES TOP OF SEMI-RECESSED AED CABINET 2. SHRP - MOUNTING HEIGHT INDICATES LOCATION OF CONTROLS	1. REFER TO REFLECTED CEILING PLANS FOR ALL EXIT SIGN LOCATIONS ON ALL LEVELS. 2. TYPICAL MOUNTING HEIGHTS, AS INDICATED ABOVE U.O.N. ON THE RCPs	A. ALL TOILET ROOM ACCESSORIES LOCATIONS ARE TO BE COORDINATED W/ ARCHITECT DURING INSTALLATION (MODIFICATIONS MIGHT BE REQUIRED) B. ALL WALL DEVICES ARE TO BE COORDINATED WITH WALL FINISHES & ARCHITECT DURING SHOP DRAWINGS REVIEW AND IN THE FIELD DURING INSTALLATION



DESCRIPTION	MOP SINK AT INSIDE CORNER	MOP SINK ON FLAT WALL
NOTES :	1. FRP - FIRE RATED PROTECTION 2. REFER TO FLOOR PLANS FOR LEFT OR RIGHT CORNER OF SINK LOCATIONS	1. FRP - FIRE RATED PROTECTION

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

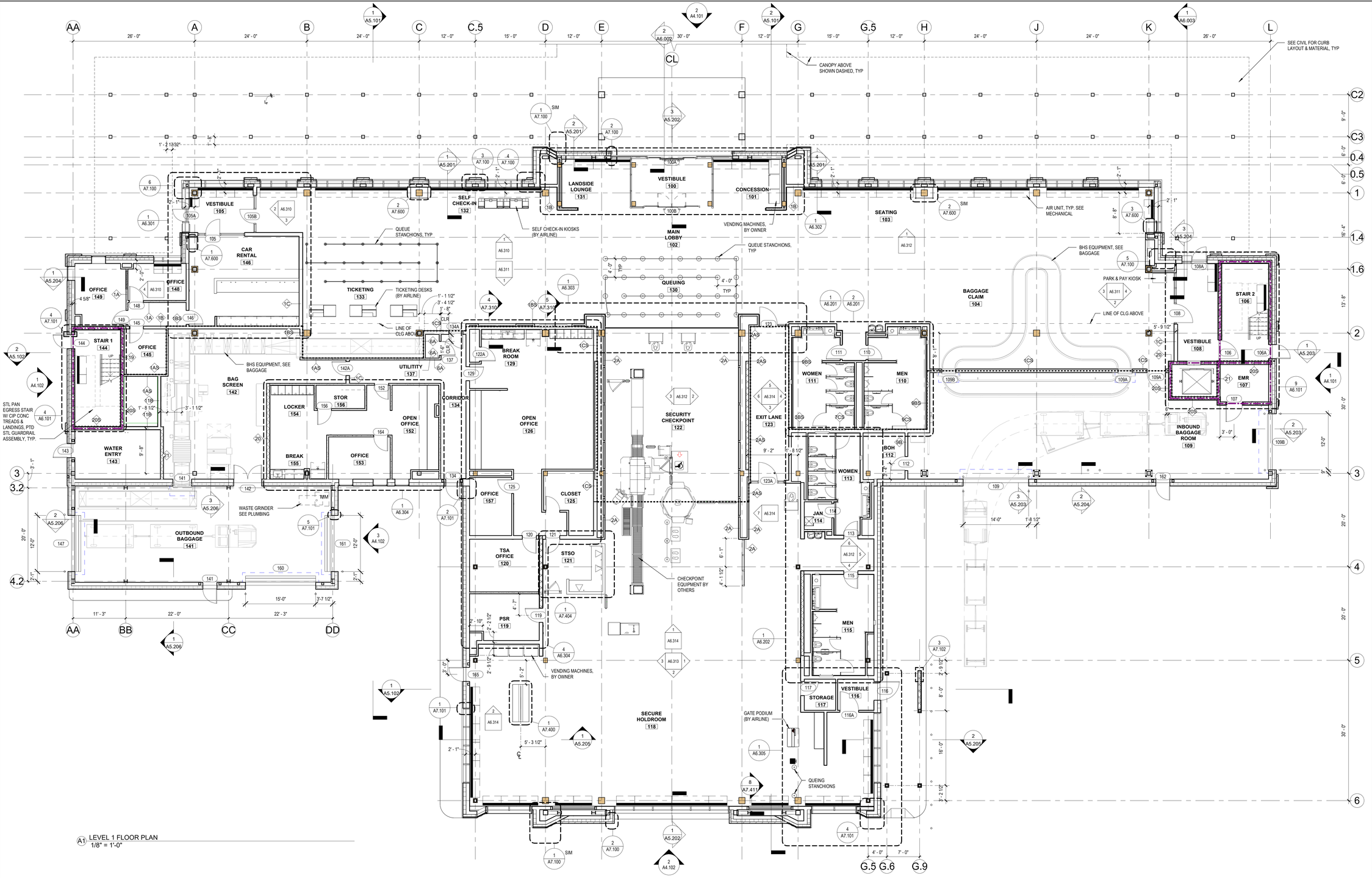
SHEET TITLE:
TYPICAL MOUNTING HEIGHTS
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A0.010



A1 LEVEL 1 FLOOR PLAN
1/8" = 1'-0"

FLOOR PLAN LEGEND

- AREA NOT IN CONTRACT
- 1 HR FIRE RATED WALL
- 2 HR FIRE RATED WALL
- LINE OF SECURITY MESH

FLOOR PLAN GENERAL NOTES

A. SEE A0.001 FOR EXTERIOR WALL & ROOF TYPES.

B. SEE A3 SERIES EOS PLANS FOR ALL SLAB ELEVATIONS & EXTENTS.

C. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL FRAMING LOCATIONS, SIZES, & CONNECTIONS.

D. SEE A6 SERIES FOR STAIR INFORMATION.

E. SEE MECHANICAL DRAWINGS FOR ALL EQUIPMENT TYPES & LOCATIONS, DUCTWORK, ETC. COORDINATE SLAB PENETRATIONS WITH DUCT SIZES & LOCATIONS.

F. SEE ELECTRICAL DRAWINGS FOR ALL ELECTRICAL EQUIPMENT TYPES & LOCATIONS. COORDINATE SLAB PENETRATIONS & REBAR LOCATIONS WITH CONDUIT SIZES & LOCATIONS.

G. SEE PLUMBING DRAWINGS FOR ALL DRAIN TYPES & CONNECTIONS. COORDINATE SLAB PENETRATIONS WITH PIPE SIZES & LOCATIONS.

H. ALL EXPANSION JOINTS TO CARRY A 2 HOUR FIRE RATED ASSEMBLY.

I. SEE A9 SERIES FOR ALL FLOOR FINISHES, TRANSITIONS AND FLOOR EXPANSION JOINT DETAIL CALL-OUTS.

FLOOR PLAN KEY NOTES

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 FLOOR PLAN
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

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SHEET NUMBER:
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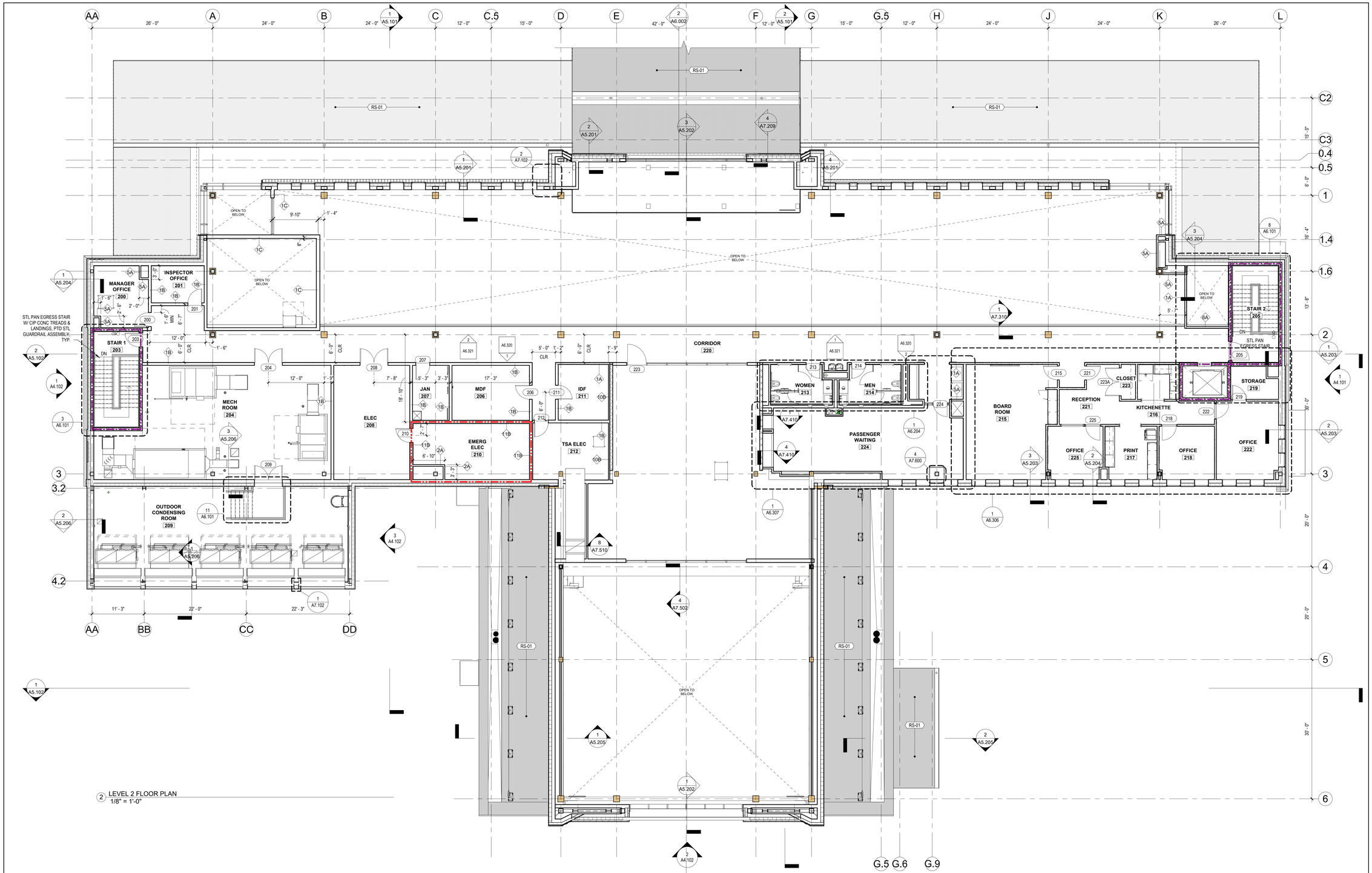

2 LEVEL 2 FLOOR PLAN
1/8" = 1'-0"

FLOOR PLAN LEGEND

- AREA NOT IN CONTRACT
- 1 HR FIRE RATED WALL
- 2 HR FIRE RATED WALL
- LINE OF SECURITY MESH

FLOOR PLAN GENERAL NOTES

A. SEE A0.001 FOR EXTERIOR WALL & ROOF TYPES.

B. SEE A3 SERIES EOS PLANS FOR ALL SLAB ELEVATIONS & EXTENTS.

C. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL FRAMING LOCATIONS, SIZES, & CONNECTIONS.

D. SEE A6 SERIES FOR STAIR INFORMATION.

E. SEE MECHANICAL DRAWINGS FOR ALL EQUIPMENT TYPES & LOCATIONS, DUCTWORK, ETC. COORDINATE SLAB PENETRATIONS WITH DUCT SIZES & LOCATIONS.

F. SEE ELECTRICAL DRAWINGS FOR ALL ELECTRICAL EQUIPMENT TYPES & LOCATIONS. COORDINATE SLAB PENETRATIONS & REBAR LOCATIONS WITH CONDUIT SIZES & LOCATIONS.

G. SEE PLUMBING DRAWINGS FOR ALL DRAIN TYPES & CONNECTIONS. COORDINATE SLAB PENETRATIONS WITH PIPE SIZES & LOCATIONS.

H. ALL EXPANSION JOINTS TO CARRY A 2 HOUR FIRE RATED ASSEMBLY.

I. SEE A5 SERIES FOR ALL FLOOR FINISHES, TRANSITIONS AND FLOOR EXPANSION JOINT DETAIL CALL-OUTS.

FLOOR PLAN KEY NOTES

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 FLOOR PLAN

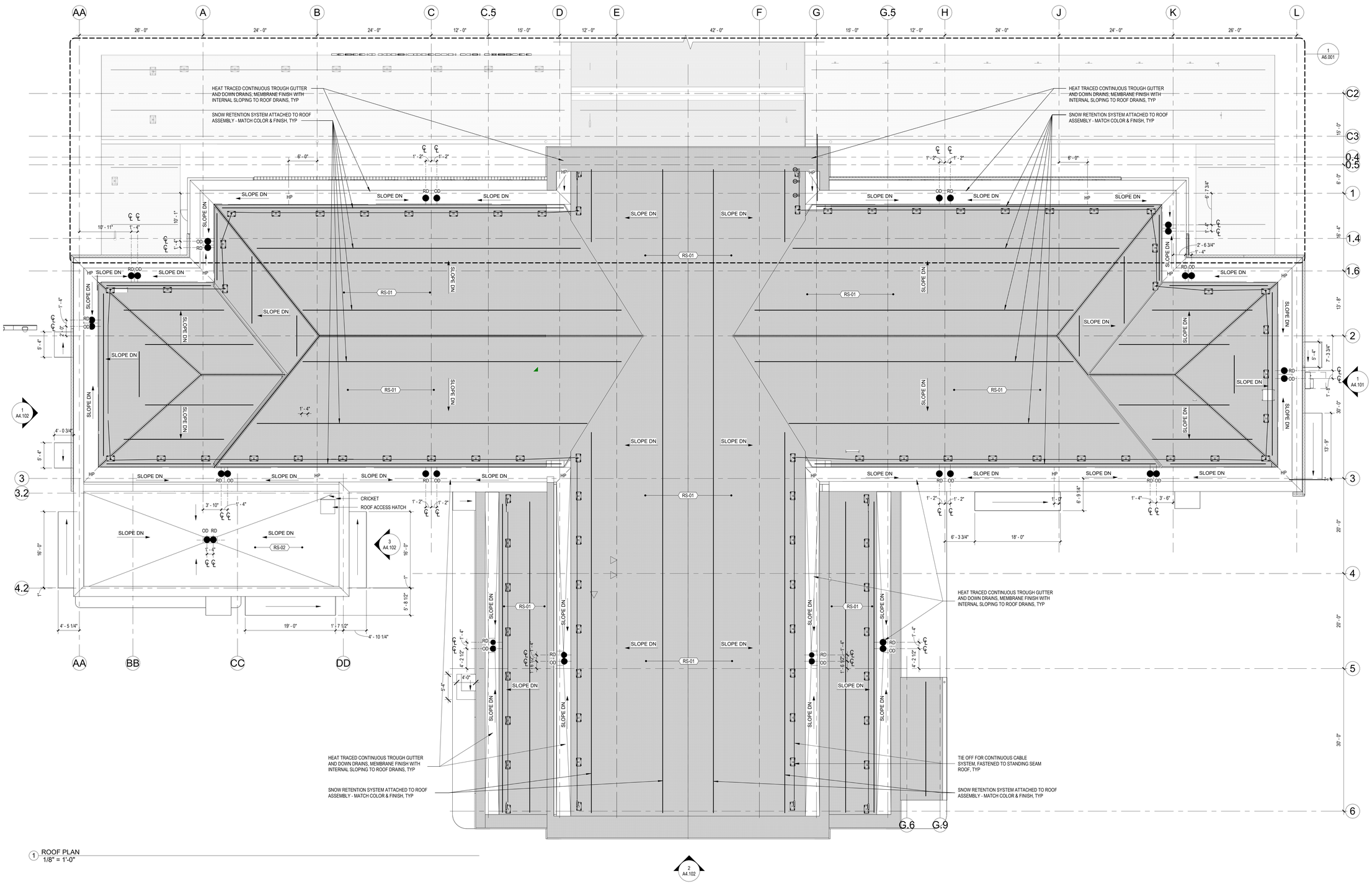
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A1.201



1 ROOF PLAN
1/8" = 1'-0"

FLOOR PLAN LEGEND

- AREA NOT IN CONTRACT
- 1 HR FIRE RATED WALL
- 2 HR FIRE RATED WALL
- LINE OF SECURITY MESH

FLOOR PLAN GENERAL NOTES

A. SEE A0.001 FOR EXTERIOR WALL & ROOF TYPES.

B. SEE A3 SERIES EOS PLANS FOR ALL SLAB ELEVATIONS & EXTENTS.

C. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL FRAMING LOCATIONS, SIZES, & CONNECTIONS.

D. SEE A6 SERIES FOR STAIR INFORMATION.

E. SEE MECHANICAL DRAWINGS FOR ALL EQUIPMENT TYPES & LOCATIONS, DUCTWORK, ETC. COORDINATE SLAB PENETRATIONS WITH DUCT SIZES & LOCATIONS.

F. SEE ELECTRICAL DRAWINGS FOR ALL ELECTRICAL EQUIPMENT TYPES & LOCATIONS. COORDINATE SLAB PENETRATIONS & REBAR LOCATIONS WITH CONDUIT SIZES & LOCATIONS.

G. SEE PLUMBING DRAWINGS FOR ALL DRAIN TYPES & CONNECTIONS. COORDINATE SLAB PENETRATIONS WITH PIPE SIZES & LOCATIONS.

H. ALL EXPANSION JOINTS TO CARRY A 2 HOUR FIRE RATED ASSEMBLY.

I. SEE A9 SERIES FOR ALL FLOOR FINISHES, TRANSITIONS AND FLOOR EXPANSION JOINT DETAIL CALL-OUTS.

FLOOR PLAN KEY NOTES

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

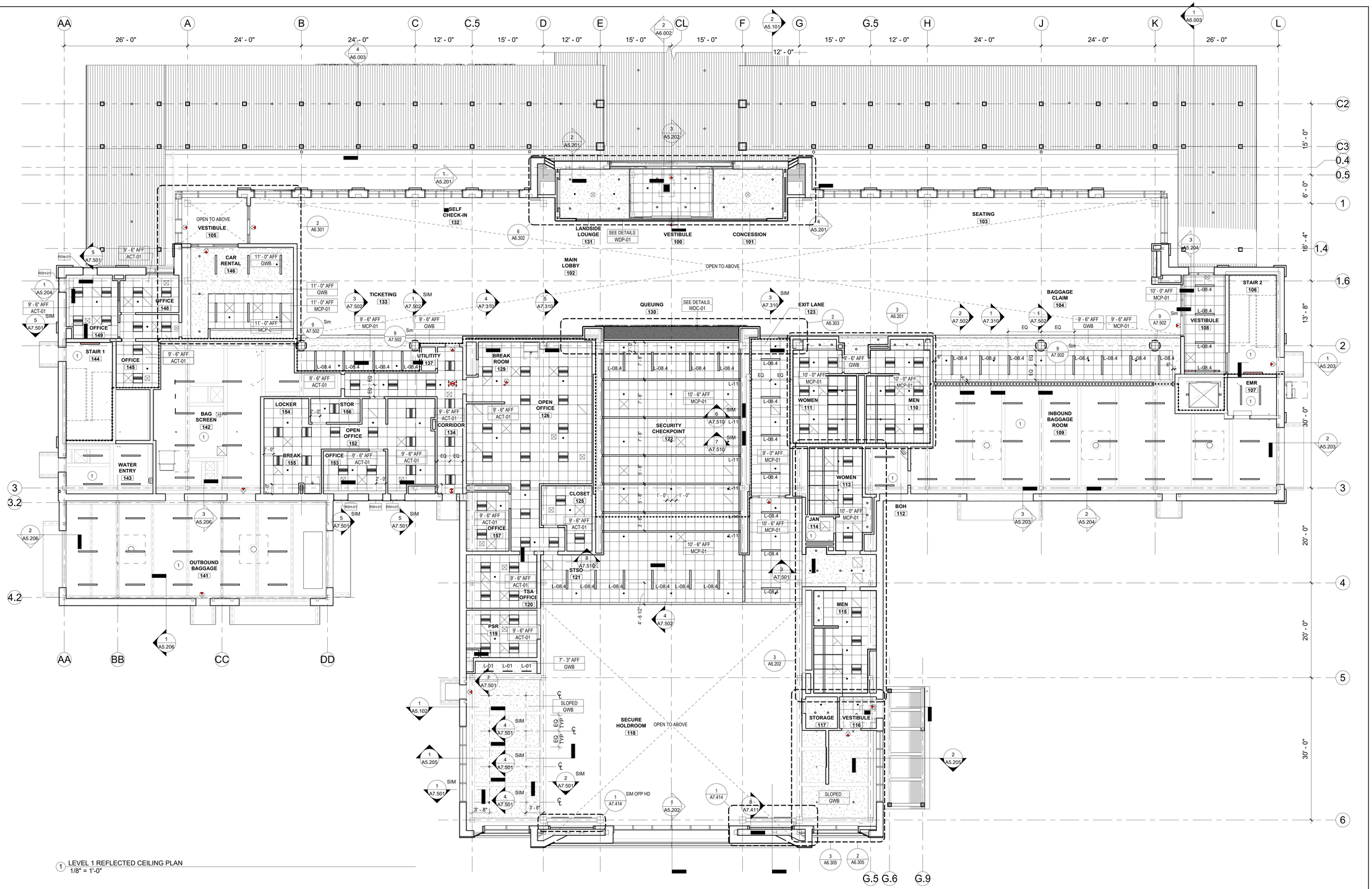
SHEET TITLE:
ROOF PLAN
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A1.301



1 LEVEL 1 REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

A. SEE A0.001 FOR EXTERIOR WALL & ROOF TYPES.

B. SEE A0.002 FOR PARTITION TYPES.

C. CEILING DEVICES SHOWN ON ARCHITECTURAL RCPS ARE FOR DEVICE LOCATION ONLY. SEE ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, SPECIAL SYSTEMS, AND SECURITY DRAWINGS FOR DEVICE TYPES.

D. REFER TO FINISH SCHEDULES FOR CEILING FINISHES.

E. SEE ENLARGED RCPs FOR MORE INFORMATION.

F. REFER TO ELECTRICAL PLANS FOR ALL EXIT SIGN TYPES. & LOCATIONS.

G. COORDINATE ALL SECURITY CAMERA LOCATIONS WITH SECURITY DRAWINGS - FINAL LOCATIONS SHALL BE DETERMINED BY ARCHITECT AND OWNER IN THE FIELD.

H. CEILING MOUNTED DEVICES IN GRID BASED SYSTEMS ARE TO BE CENTERED ON CEILING PANEL OR TILE, TYP, UNLESS OTHERWISE SHOWN ON THE RCPs.

I. CONFLICTS IN LOCATION OF MECHANICAL DIFFUSERS AND GRILLES, FIRE ALARM DEVICES, SPRINKLER HEADS, LIGHT FIXTURES AND OTHER CEILING-MOUNTED DEVICES ARE TO BE COORDINATED WITH ARCHITECT PRIOR TO PROCEEDING.

J. PROVIDE FIRE RATED WOOD BLOCKING ABOVE CEILING AS REQUIRED FOR SPECIALTY CONSTRUCTION ITEMS.

K. PROVIDE UNISTRUT SUPPORT SYSTEM AT SIGNAGE LOCATIONS - REFER TO SIGNANGE AND WAYFINDING DRAWINGS FOR LOCATIONS & TYPES.

L. ARCHITECT TO SELECT COLOR & FINISH OF SPRINKLER HEADS & RECESSED HEAD CAPS.

M. DEVICES INSTALLED AT ALL CEILINGS TO BEST MATCH THE SURROUNDING CEILING COLOR.

N. BOTTOM OF LIGHT FIXTURES IN OPEN CEILINGS TO ALIGN WITH BOTTOM OF ADJACENT STRUCT FRAMING.

REFLECTED CEILING PLAN LEGEND

WALL TYPES

LINE OF SECURITY MESH
SEE PLANS AND DETAILS

MECHANICAL DIFFUSERS

SQUARE SUPPLY & RETURN DIFFUSERS

LINEAR DIFFUSER

CEILING DEVICES

RECESSED SPRINKLER

PENDANT SPRINKLER

EXIT SIGN SUSPENED OR CEILING MOUNTED

EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

L-01 1" RECESSED LINEAR FIXTURE

L-02 TRACK LIGHT FIXTURE, BLACK

L-03 PENDANT FIXTURE, BLACK

L-04 4" SLOPED DOWNLIGHT

L-05 ASYMMETRICAL UP-LIGHT FIXTURE

L-06 WALL WASH STRIP FIXTURE

L-07 2x2 BASKET-STYLE TROFFER

L-08 (A, .6, .8, & .C) 4" RECESSED LINEAR FIXTURE

L-09 4" DOWNLIGHT

L-10 TRACK LIGHT FIXTURE, WHITE

REFLECTED CEILING PLAN KEYNOTES

1 SEE ELECTRICAL DWGS FOR MORE INFORMATION ABOUT BOH LIGHT FIXTURES.

GRAPHIC SCALE:
0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 REFLECTED CEILING PLAN

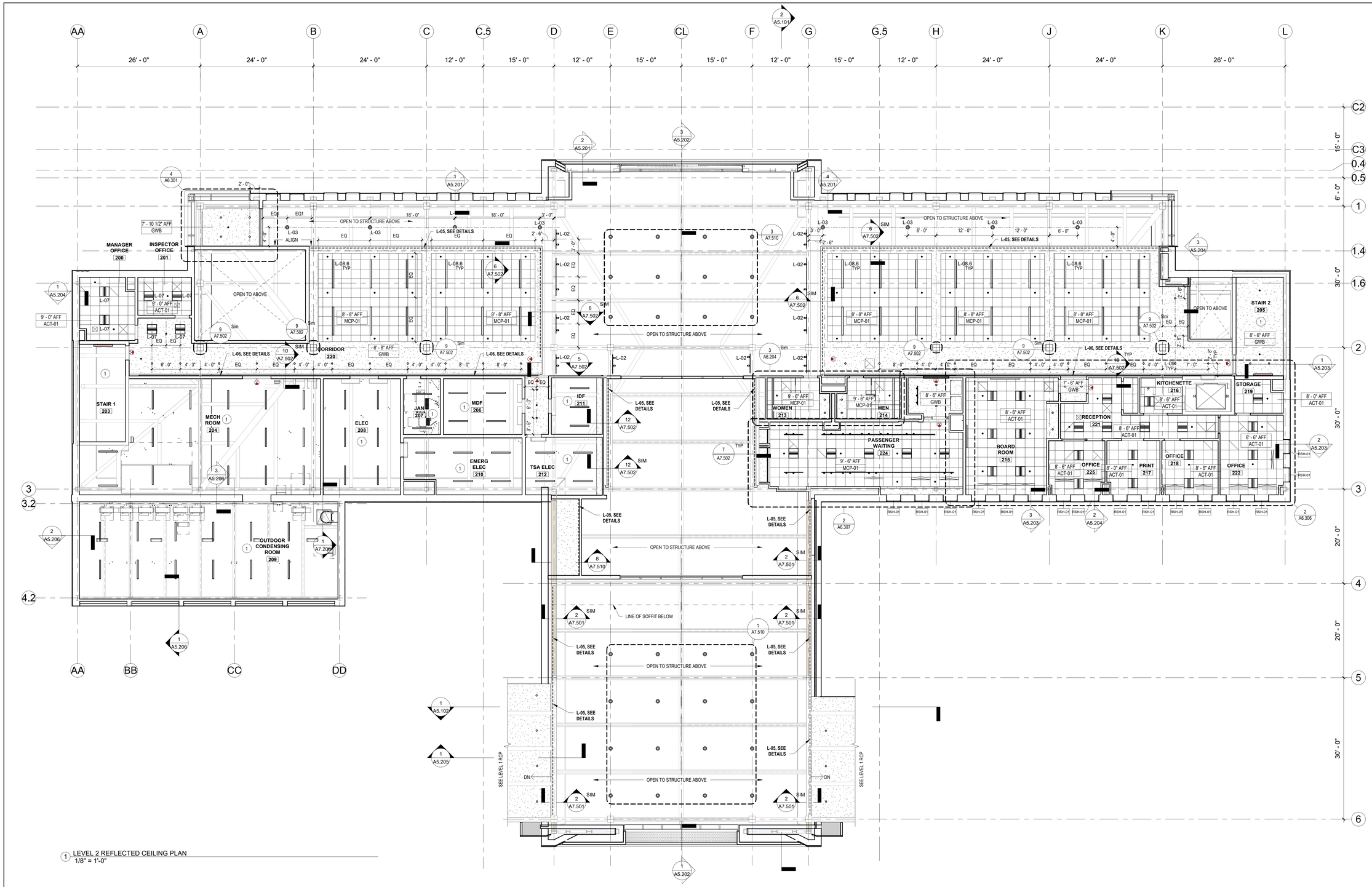
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A2.101



1 LEVEL 2 REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING PLAN NOTES

A. SEE A0.001 FOR EXTERIOR WALL & ROOF TYPES.

B. SEE A0.002 FOR PARTITION TYPES.

C. CEILING DEVICES SHOWN ON ARCHITECTURAL RCPS ARE FOR DEVICE LOCATION ONLY. SEE ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, SPECIAL SYSTEMS, AND SECURITY DRAWINGS FOR DEVICE TYPES.

D. REFER TO FINISH SCHEDULES FOR CEILING FINISHES.

E. SEE ENLARGED RCPs FOR MORE INFORMATION.

F. REFER TO ELECTRICAL PLANS FOR ALL EXIT SIGN TYPES. & LOCATIONS.

G. COORDINATE ALL SECURITY CAMERA LOCATIONS WITH SECURITY DRAWINGS - FINAL LOCATIONS SHALL BE DETERMINED BY ARCHITECT AND OWNER IN THE FIELD.

H. CEILING MOUNTED DEVICES IN GRID BASED SYSTEMS ARE TO BE CENTERED ON CEILING PANEL OR TILE, TYP, UNLESS OTHERWISE SHOWN ON THE RCPs.

I. CONFLICTS IN LOCATION OF MECHANICAL DIFFUSERS AND GRILLES, FIRE ALARM DEVICES, SPRINKLER HEADS, LIGHT FIXTURES AND OTHER CEILING-MOUNTED DEVICES ARE TO BE COORDINATED WITH ARCHITECT PRIOR TO PROCEEDING.

J. PROVIDE FIRE RATED WOOD BLOCKING ABOVE CEILING AS REQUIRED FOR SPECIALTY CONSTRUCTION ITEMS.

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REFLECTED CEILING PLAN LEGEND

WALL TYPES

LINE OF SECURITY MESH
SEE PLANS AND DETAILS

MECHANICAL DIFFUSERS

SQUARE SUPPLY & RETURN DIFFUSERS

LINEAR DIFFUSER

CEILING DEVICES

RECESSED SPRINKLER

PENDANT SPRINKLER

EXIT SIGN SUSPENED OR CEILING MOUNTED

EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

L-01
1" RECESSED LINEAR FIXTURE

L-02
TRACK LIGHT FIXTURE, BLACK

L-03
PENDANT FIXTURE, BLACK

L-04
4" SLOPED DOWNLIGHT

L-05
ASYMMETRICAL UP-LIGHT FIXTURE

L-06
WALL WASH STRIP FIXTURE

L-07
2x2 BASKET-STYLE TROFFER

L-08 (A , 6 , 8 & C)
4" RECESSED LINEAR FIXTURE

L-09
4" DOWNLIGHT

L-10
TRACK LIGHT FIXTURE, WHITE

REFLECTED CEILING PLAN KEYNOTES

1 SEE ELECTRICAL DWGS FOR MORE INFORMATION ABOUT BOH LIGHT FIXTURES.

N

GRAPHIC SCALE:
0' 8' 16' 24'

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AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
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BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 REFLECTED CEILING PLAN

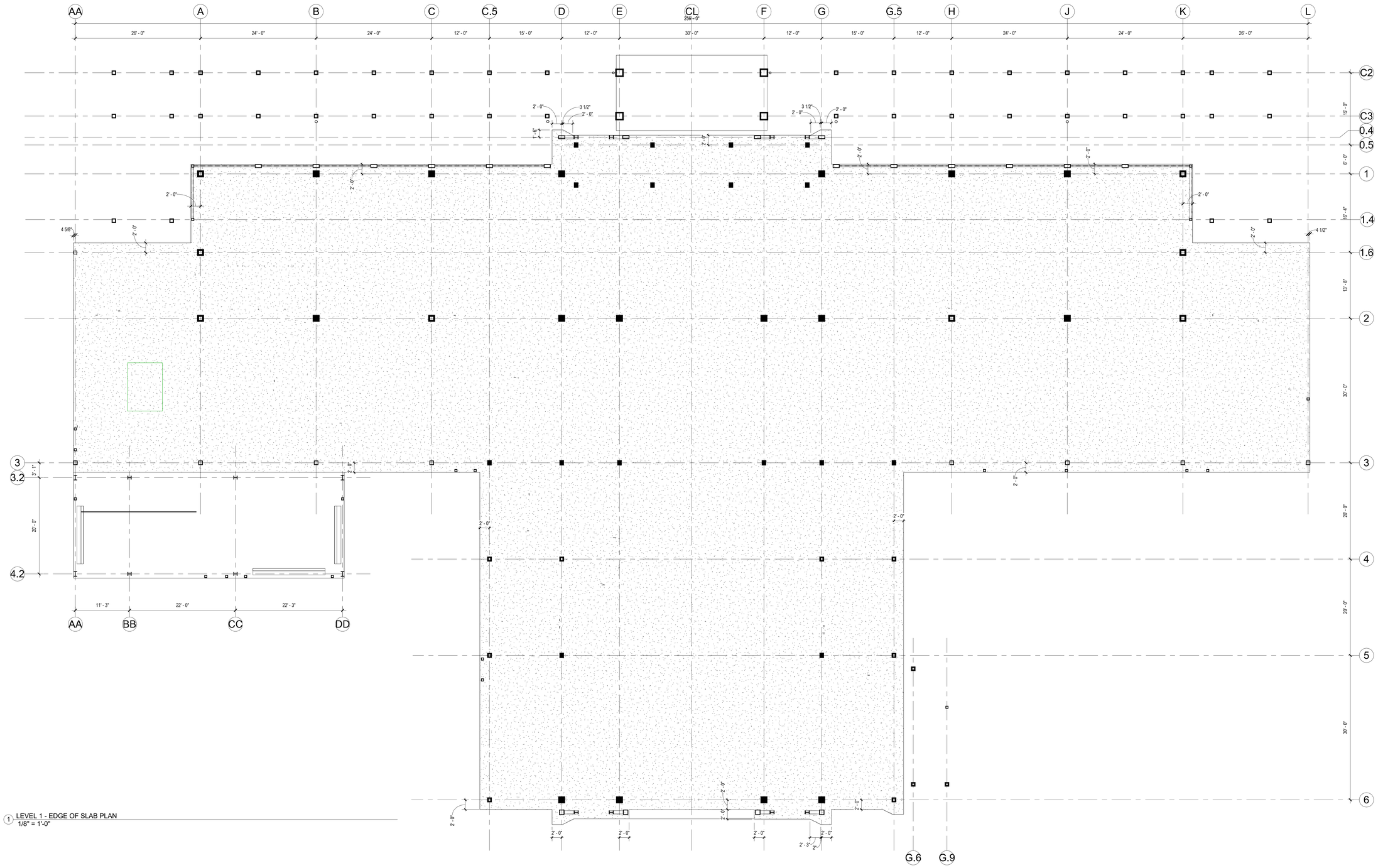
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A2.201



1 LEVEL 1 - EDGE OF SLAB PLAN
1/8" = 1'-0"

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AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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No. 5648
STATE OF MAINE

KEY PLAN:

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WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 - SLAB EDGE PLAN

BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

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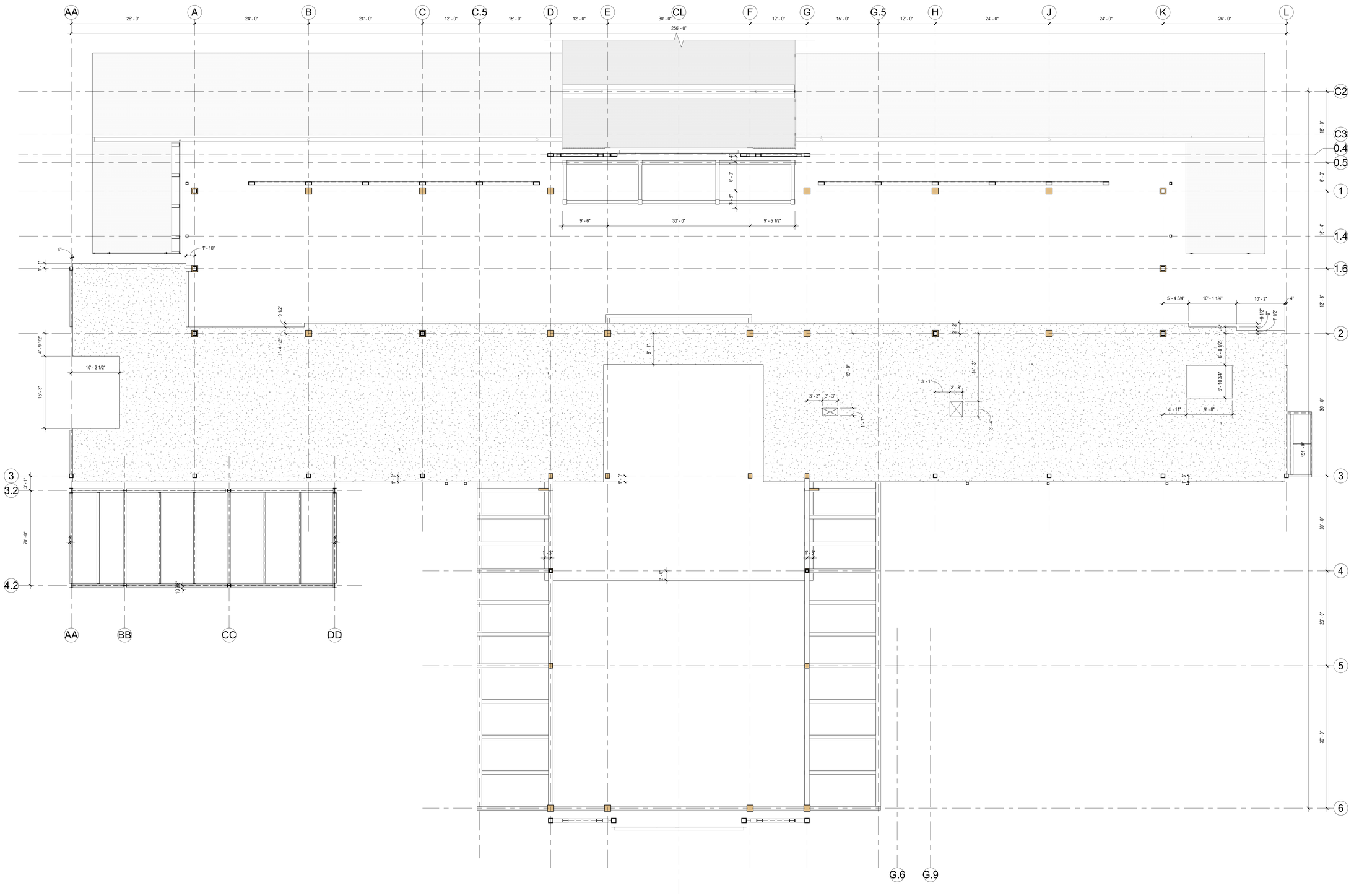
AECOM	AECOM	JR	BC

SCALE:	DATE:
AS NOTED	06/05/2024

SHEET NUMBER:
A3.101



1 LEVEL 2 FLOOR PLAN
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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PRESQUE ISLE, ME 04769

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No. 5648
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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 - SLAB EDGE PLAN

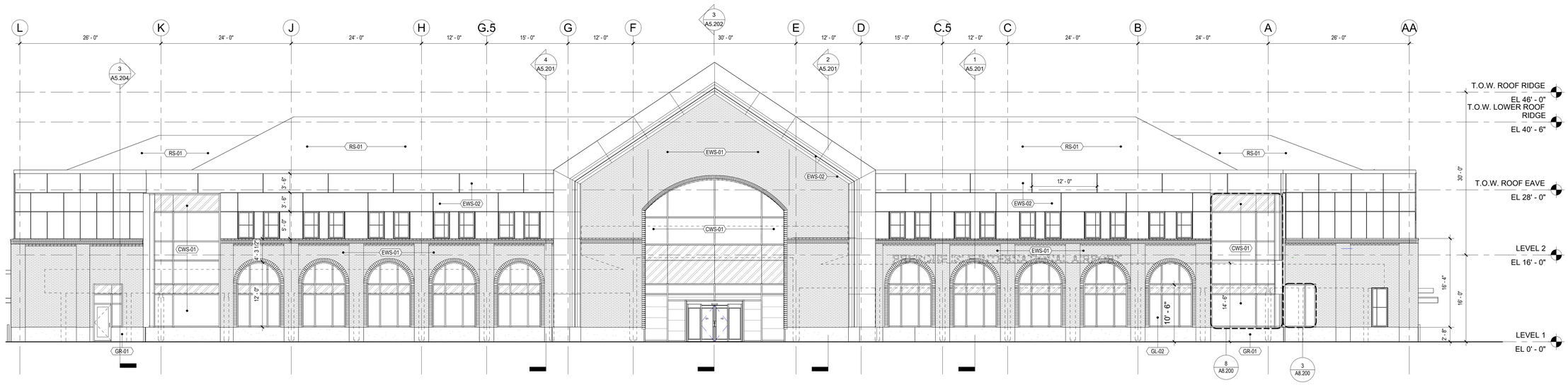
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

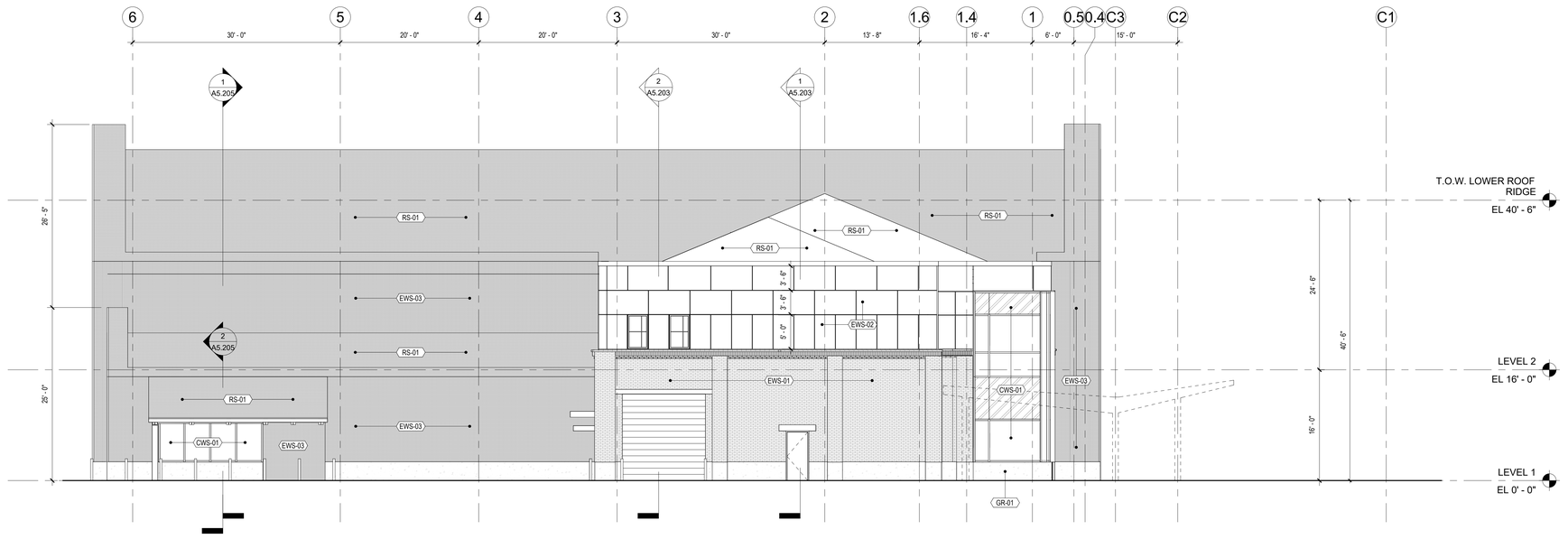
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A3.102



2 NORTH ELEVATION
1/8" = 1'-0"



1 EAST ELEVATION
1/8" = 1'-0"

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR ELEVATIONS

BID DOCUMENTS

DISCIPLINE:
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SCALE: AS NOTED
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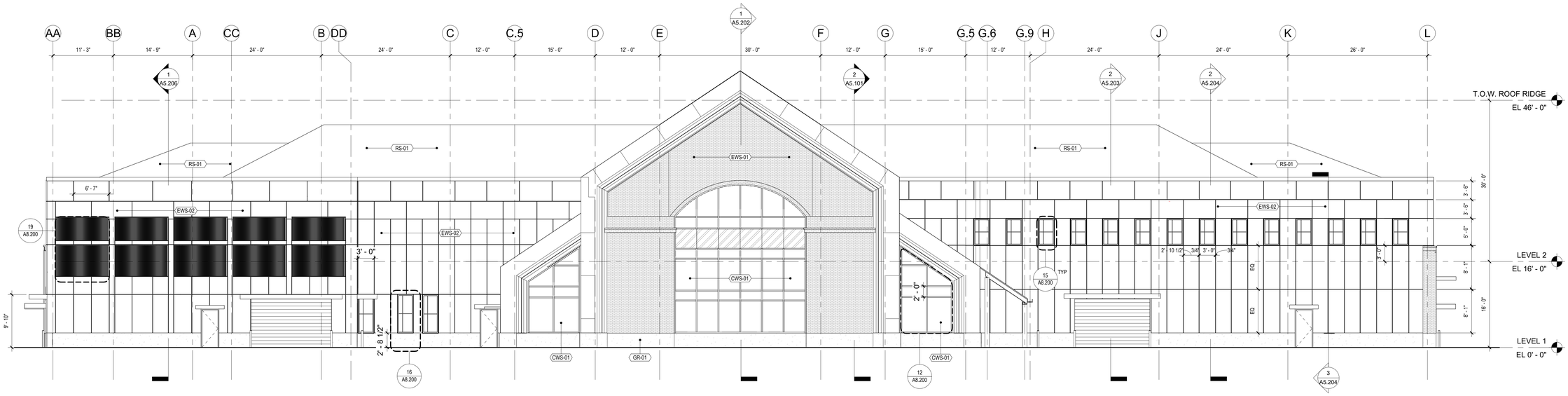
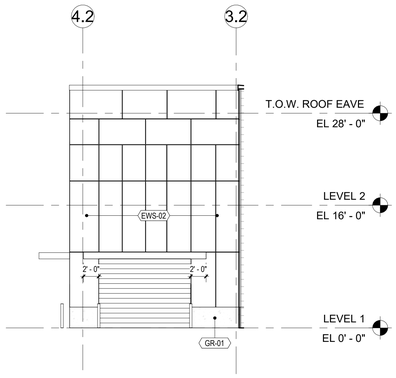
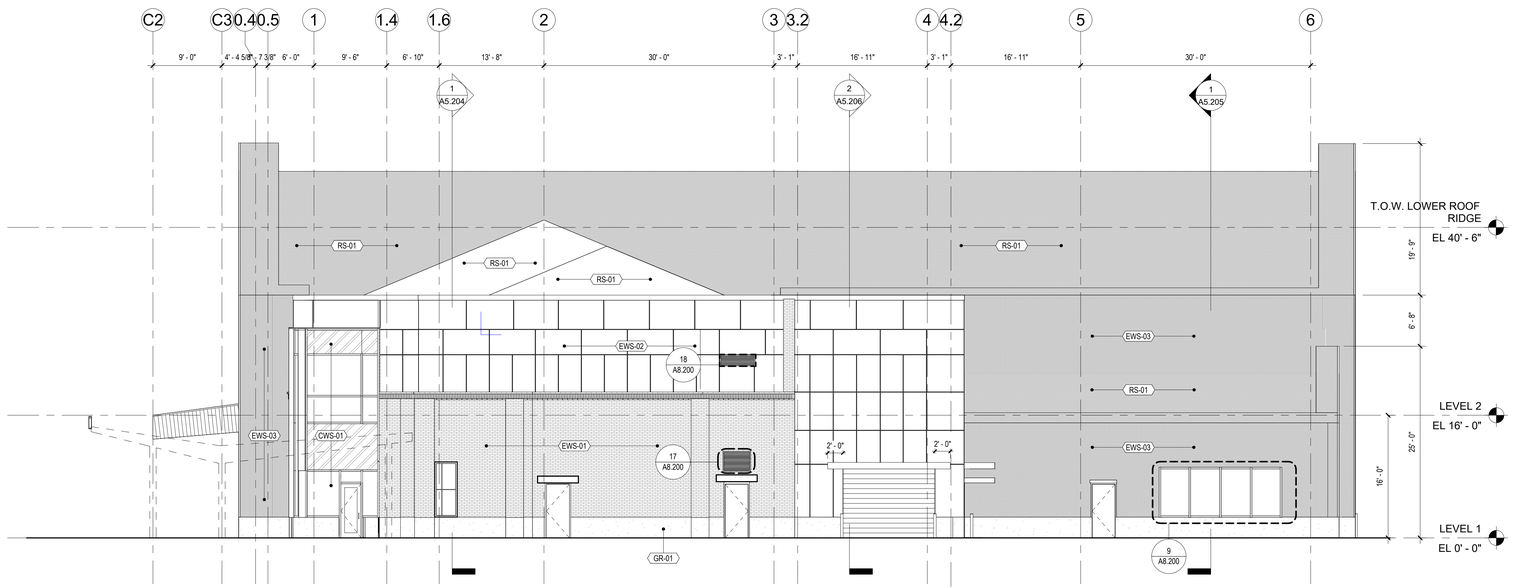
SHEET NUMBER:
A4.101



2 SOUTH ELEVATION
1/8" = 1'-0"



3 SOUTH EAST PARTIAL CONDENSING ROOM
1/8" = 1'-0"



1 WEST ELEVATION
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR ELEVATIONS
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SHEET NUMBER:
A4.102

EXTERIOR FINISH LEGEND								
TAG	DESCRIPTION	MANUFACTURER	MODEL	PRODUCT	COLOR/FINISH	SIZE	LOCATION	COMMENTS
CURTAIN WALL								
CWS-01	CURTAIN WALL MULLION	KAWNEER	1600 UT	900 SERIES CURTAIN WALL	#40 DARK BRONZE	VARIES	EXTERIOR	
GLAZING								
CWS-01	1" INSULATED GLASS UNIT	GUARDIAN INDUSTRIES	SN-68	CURTAIN WALL	#40 DARK BRONZE	15"	EXTERIOR	PRESSURE PLATE FASTENERS 6" ON CENTER SPACING AND HORIZONTAL PRESSURE PLATE HOOK DESIGN
GL-02	1" INSULATED GLASS UNIT	GUARDIAN INDUSTRIES	SN-68	1" INSULATED GLASS UNIT	#40 DARK BRONZE	VARIES	EXTERIOR	(3/4" PRESSURE CAP AT INTERMEDIATES)
MASONRY								
EWS-01	BRICK		N/A	N/A	BROWNSTONE BLEND WATER-STRUCK	4" x 2 2/3" x 8" NOMINAL	EXTERIOR	
EWS-03	BRICK		N/A	N/A	COLOR TBD	4" x 2 2/3" x 8" NOMINAL	EXTERIOR	
GR-01	GRANITE		N/A	N/A	FACE GROUND FINISH, COLOR TBD		EXTERIOR	
METAL PANEL								
EWS-02	METAL PANEL	ALUCOBOND	ACM	ALUMINUM COMPOSITE PANEL	NEW-AGE DARK MICA	4MM	EXTERIOR	WITH ATTACHMENT KNIGHT WALL SYSTEMS, THERMAZEE
EWS-04	ALUMINUM	KNOTWOOD	TBD	TBD	IROKO	6"	EXTERIOR	
ROOFING								
RS-01	STANDING SEAM ROOF	MORIN KINGSPAN	MX-6	STANDING SEAM ROOF	MEDIUM BRONZE ANODIZED ALUMINUM	16"	EXTERIOR	
RS-02	MEMBRANE ROOF	-	SINGLE PLY	THERMOPLASTIC POLYOLEFIN MEMBRANE	STANDARD WHITE	VARIES	EXTERIOR	
WALLS								
EWS-03	STANDING SEAM WALLS	MORIN KINGSPAN	SYM-12	STANDING SEAM ROOF	MEDIUM BRONZE ANODIZED ALUMINUM	12" x VARIES	EXTERIOR	

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BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR MATERIAL FINISH SCHEDULE

BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
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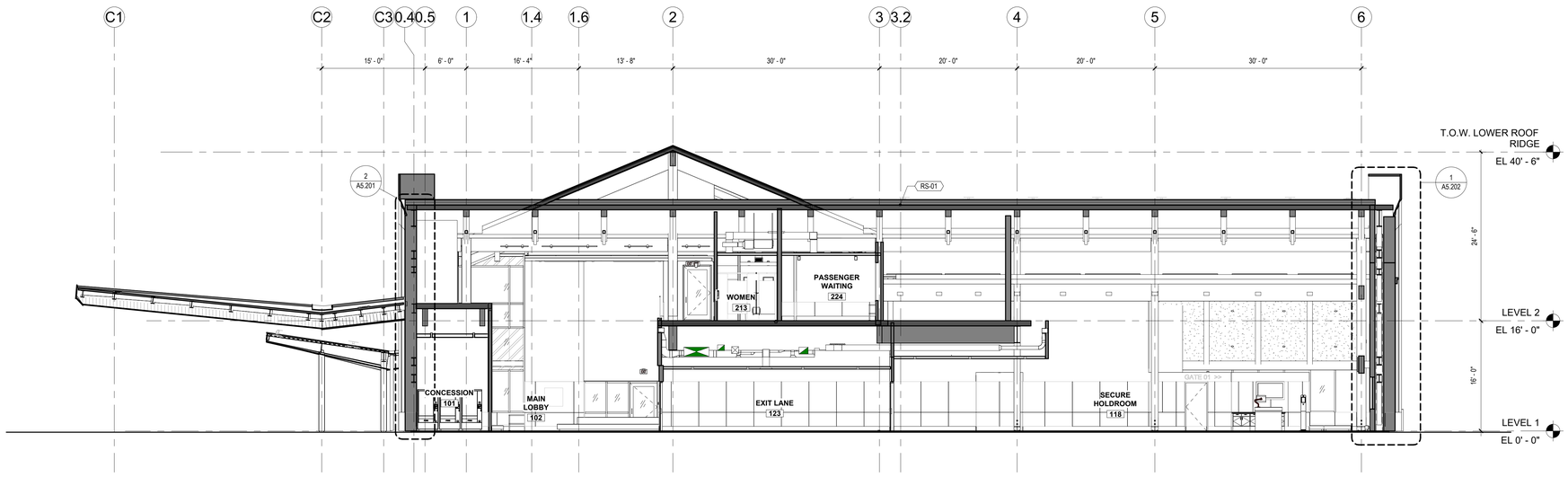
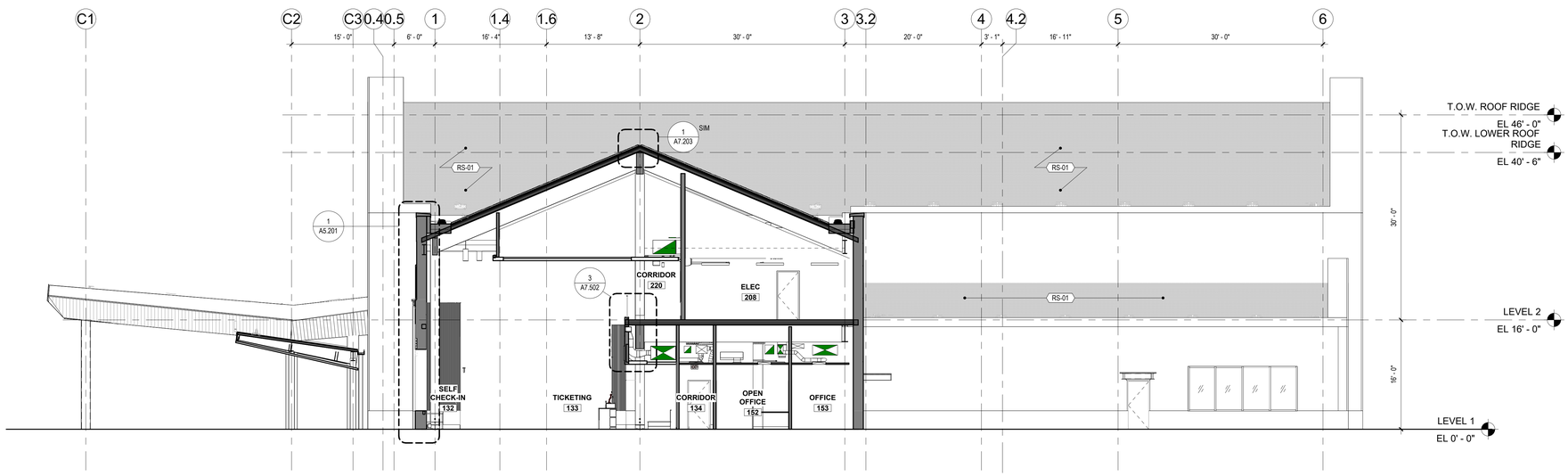
A4.103



2 N/S BUILDING SECTION
1/8" = 1'-0"



1 N/S BUILDING SECTION
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BUILDING SECTIONS

BID DOCUMENTS

DISCIPLINE:
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SCALE: AS NOTED
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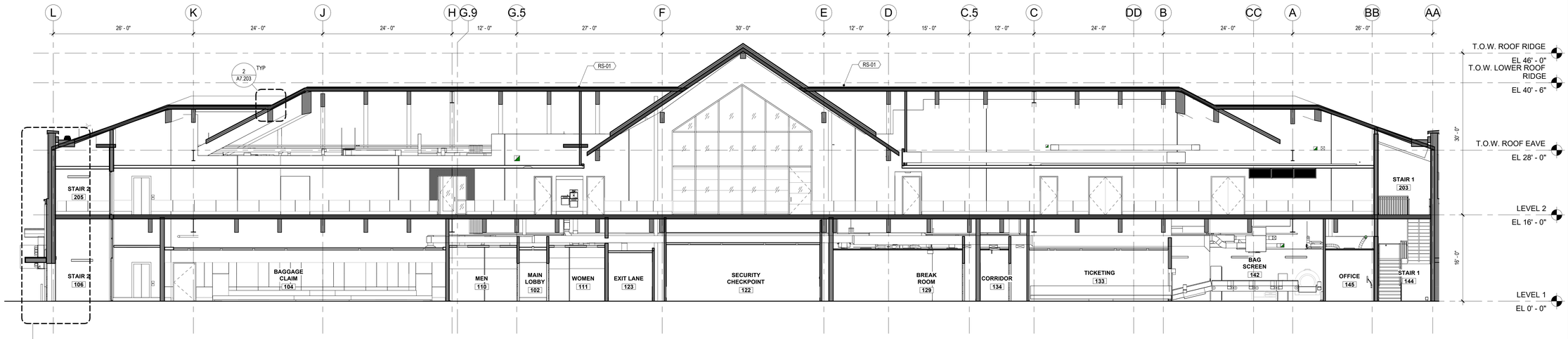
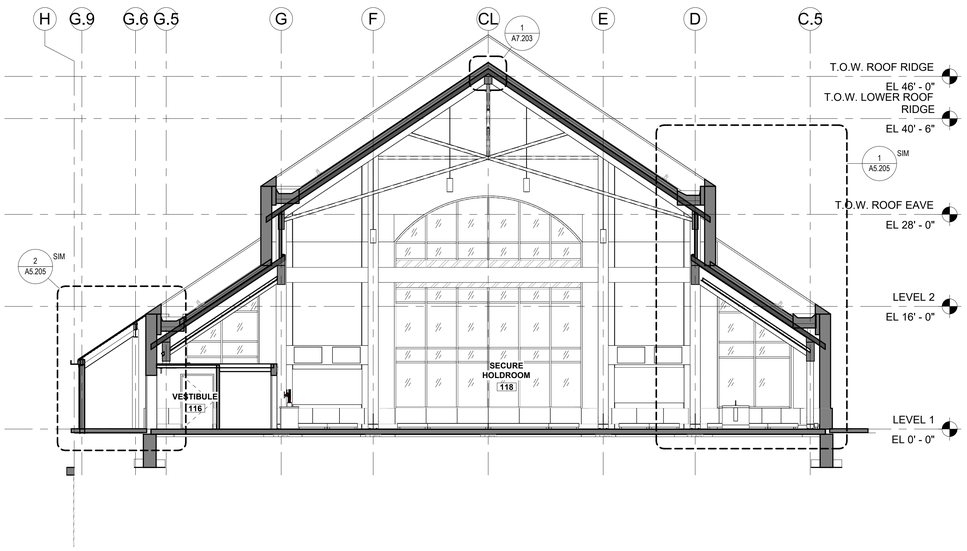
A5.101



2 E/W BUILDING SECTION
1/8" = 1'-0"



1 E/W BUILDING SECTION
1/8" = 1'-0"

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SHEET TITLE:
BUILDING SECTIONS

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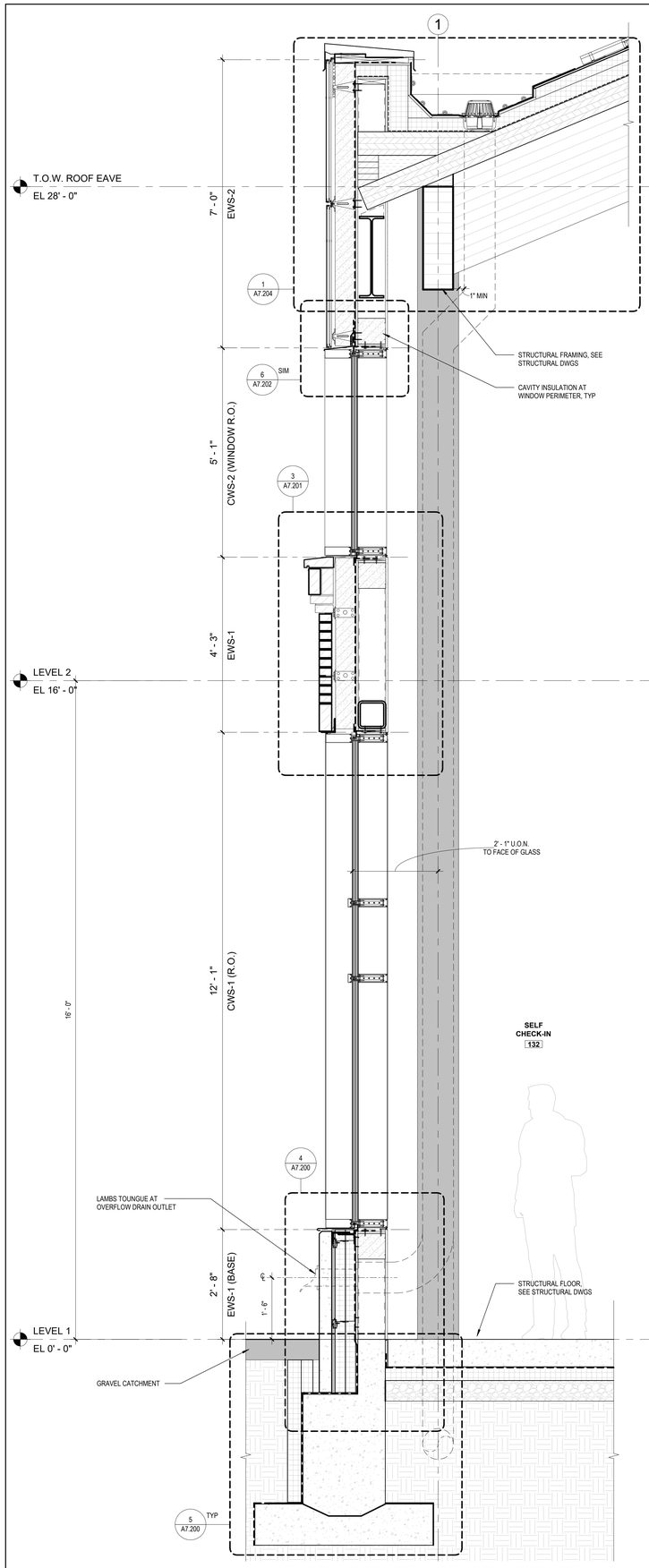
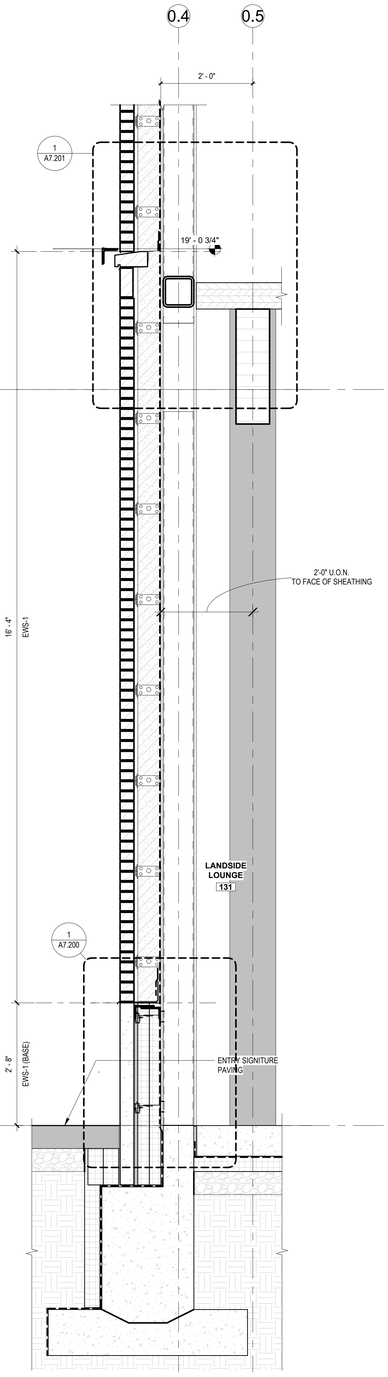
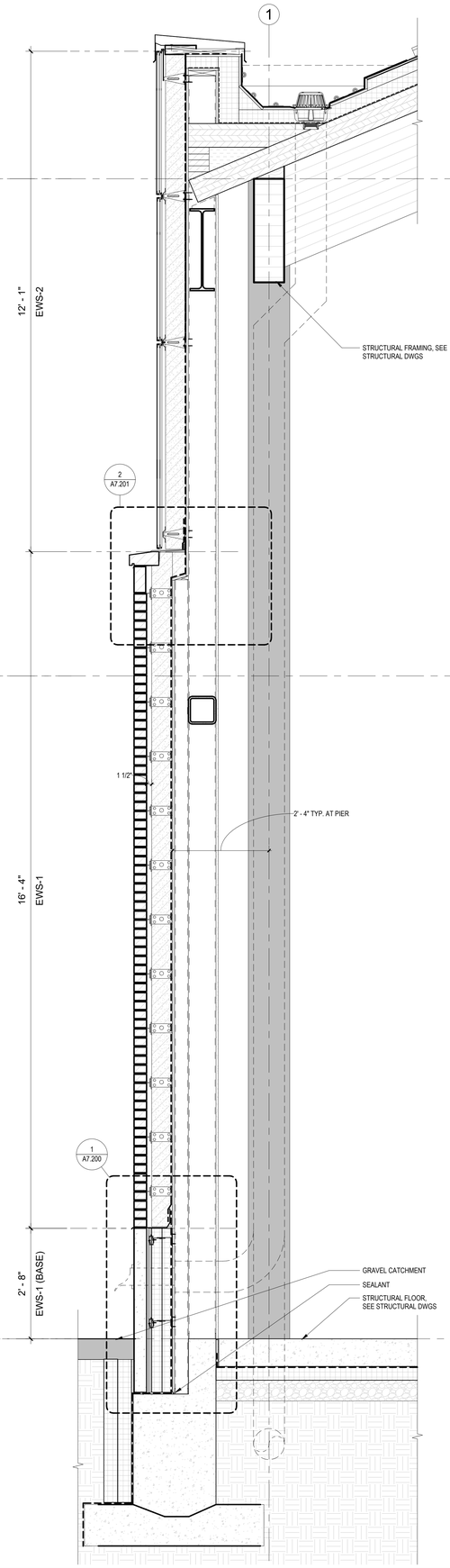
A5.102



1 WALL SECTION - TYPICAL AT WINDOW (LANDSIDE)
3/4" = 1'-0"



2 WALL SECTION - ENTRANCE BRICK (LANDSIDE)
3/4" = 1'-0"



4 WALL SECTION - TYPICAL AT BRICK PIER (LANDSIDE)
3/4" = 1'-0"

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CONSULTANT:

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60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
WALL SECTIONS - LANDSIDE - TYPICAL

BID DOCUMENTS

DISCIPLINE:
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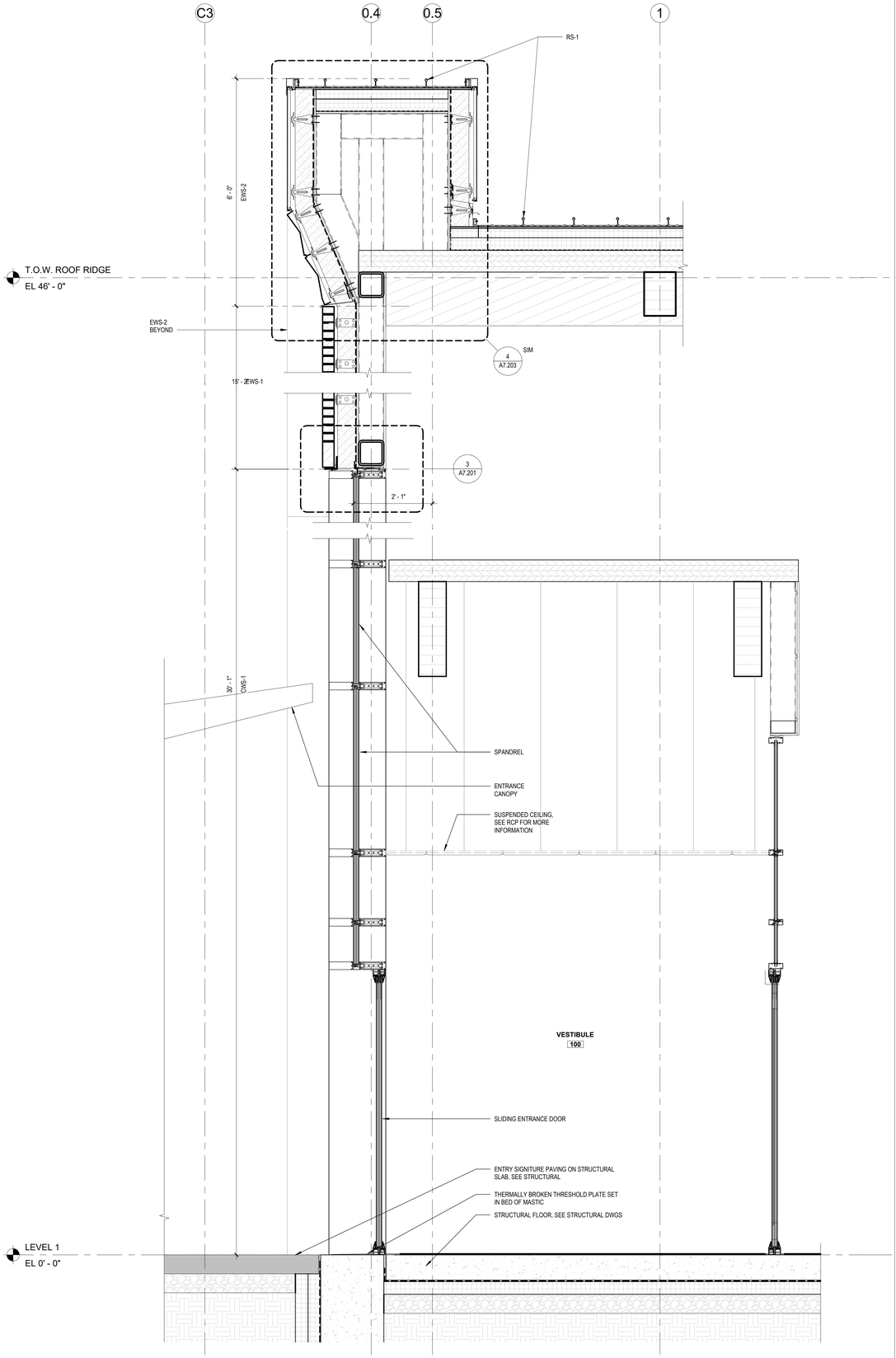
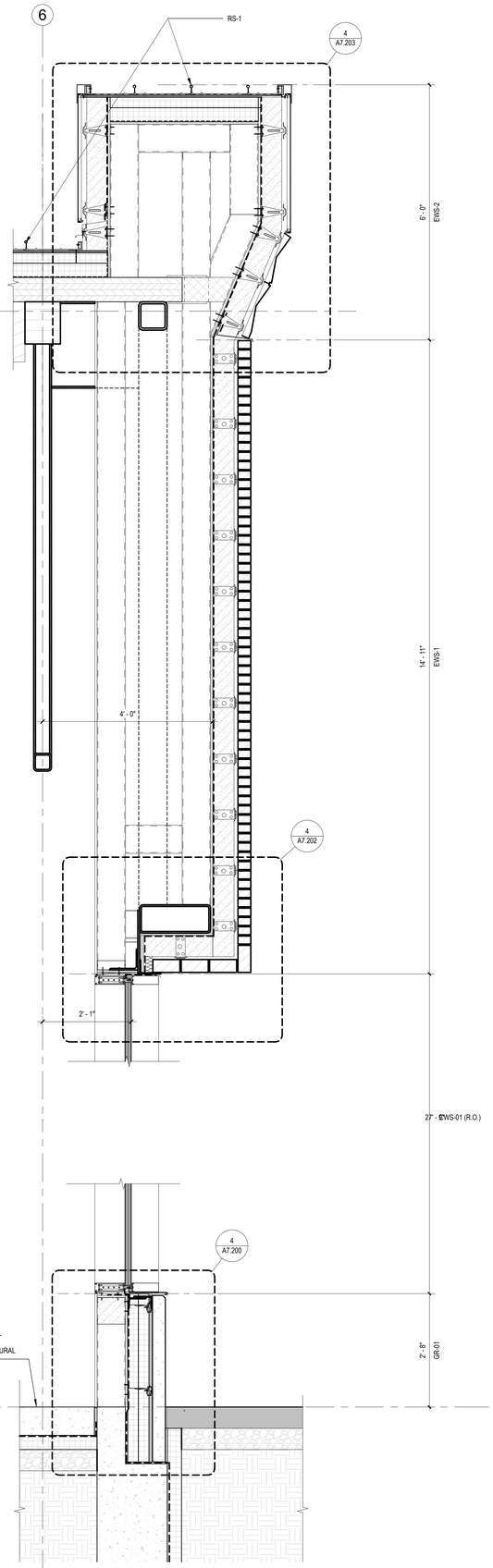
A5.201



*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

3 WALL SECTION - DOOR ENTRANCE (LANDSIDE)
3/4" = 1'-0"



*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

1 WALL SECTION - WINDOW (AIRSIDE)
3/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
WALL SECTIONS - FRONT AND BACK FACADE

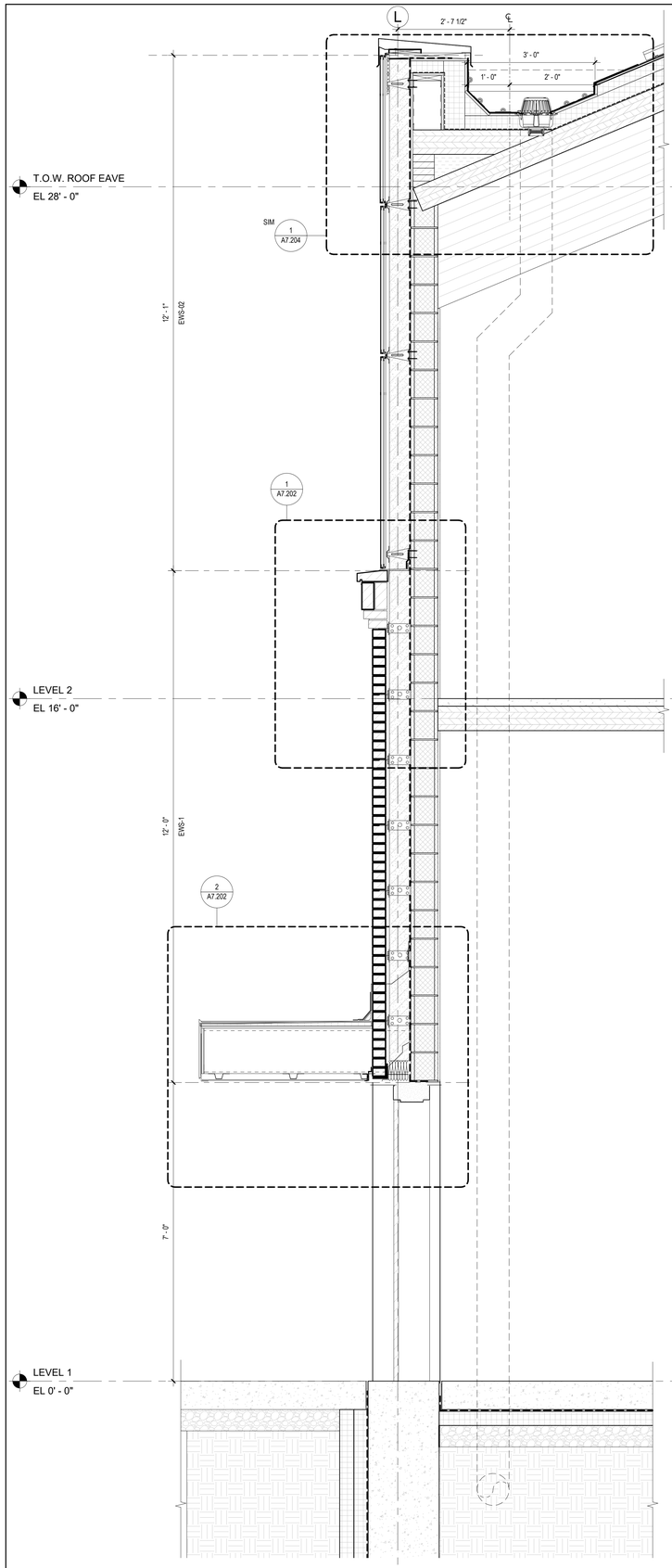
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

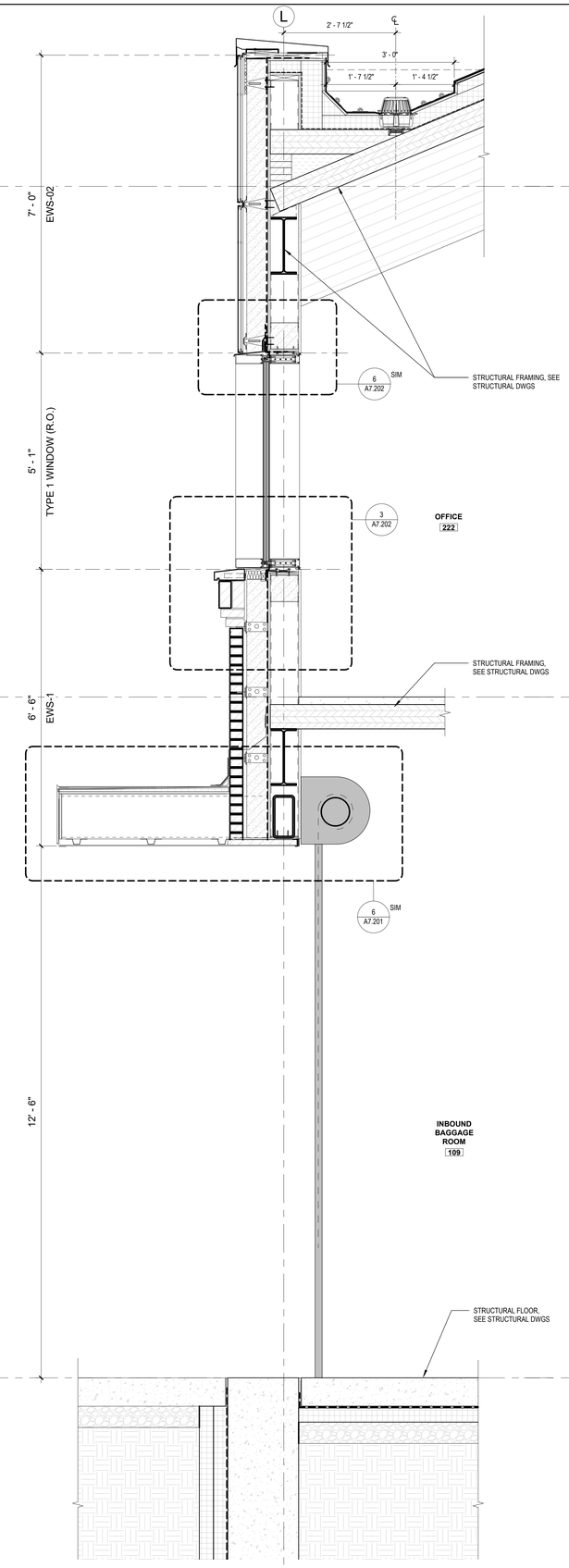
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A5.202



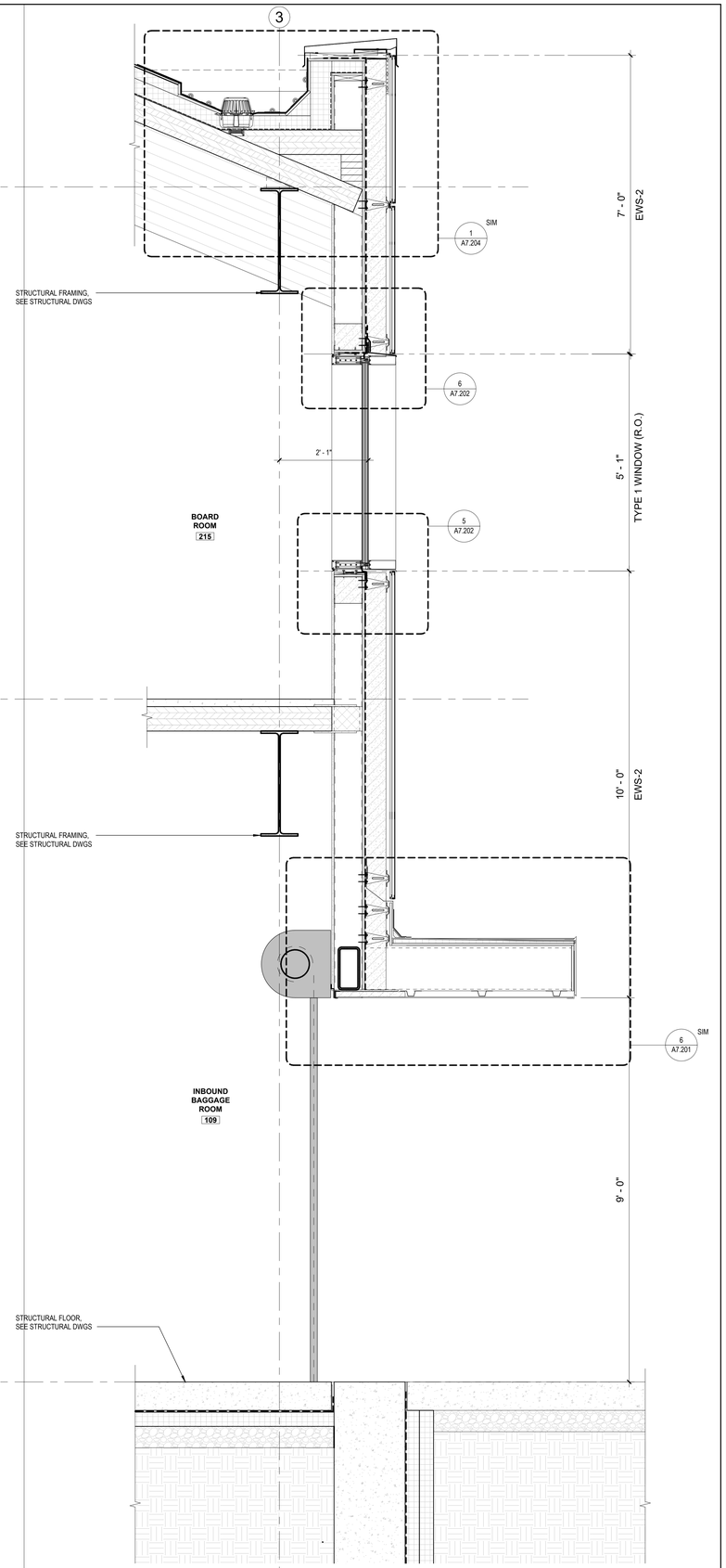
*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

1 WALL SECTION - EAST SIDE AT STAIR DOOR
3/4" = 1'-0"



*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

2 WALL SECTION - EAST SIDE OVERHEAD DOOR
3/4" = 1'-0"



*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

3 WALL SECTION - TYPICAL OVERHEAD DOOR (AIRSIDE)
3/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
WALL SECTIONS - OVERHEAD DOORS AND DOOR CANOPIES

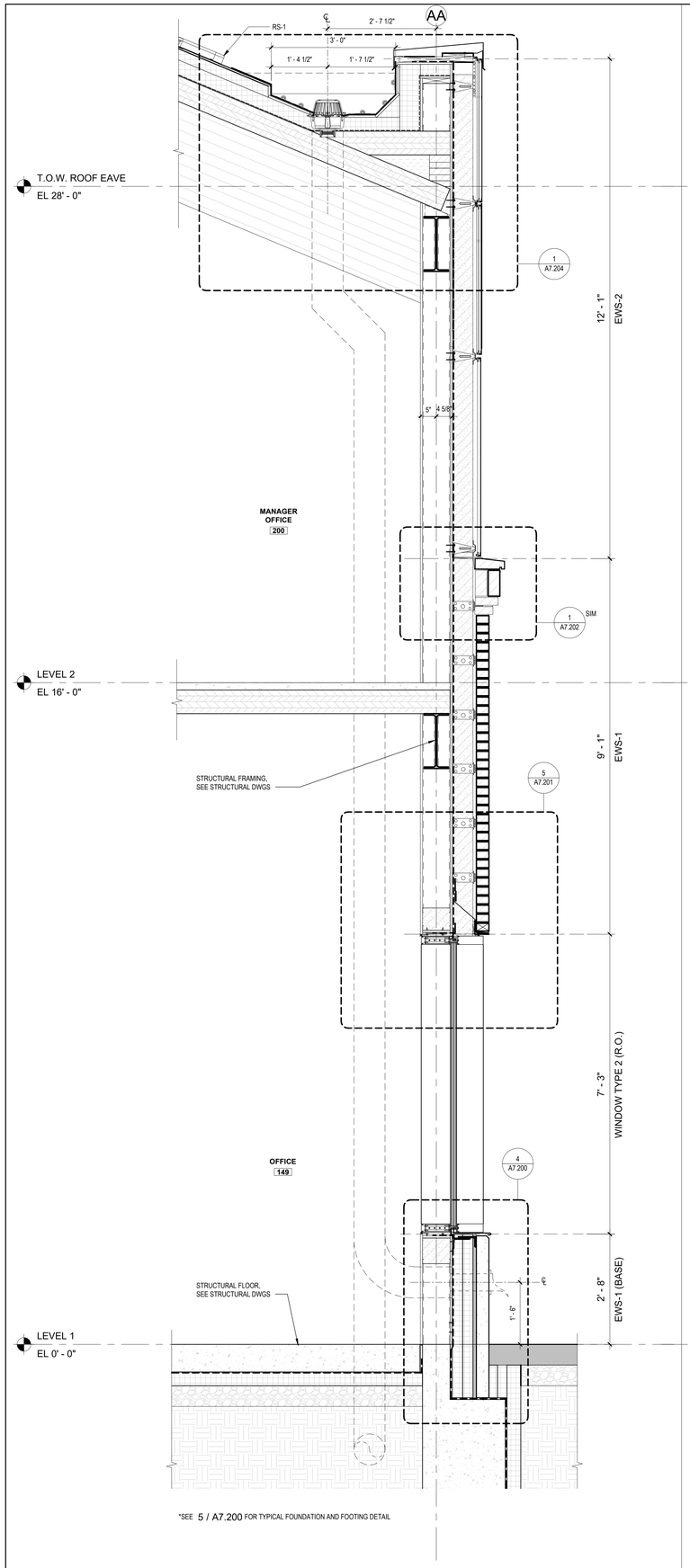
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

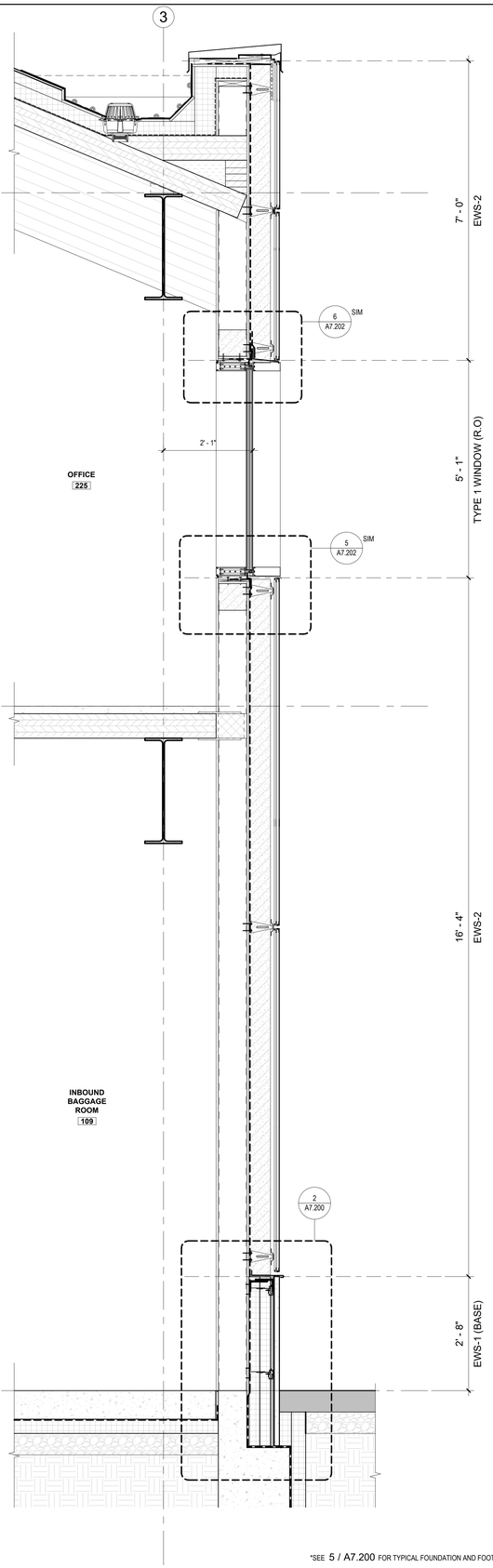
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A5.203



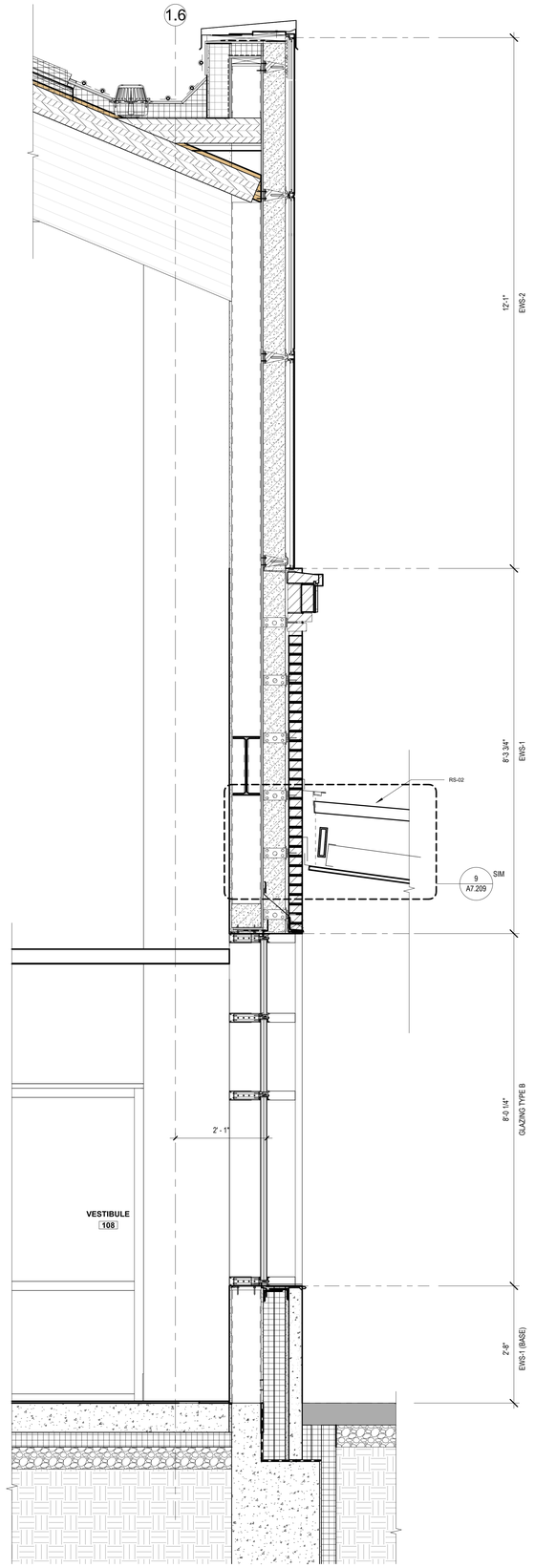
*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

1 WALL SECTION - WINDOW WEST SIDE
3/4" = 1'-0"



*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

2 WALL SECTION - TYPICAL AIRSIDE
3/4" = 1'-0"



3 WALL SECTION - LANDSIDE AT CANOPY
3/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

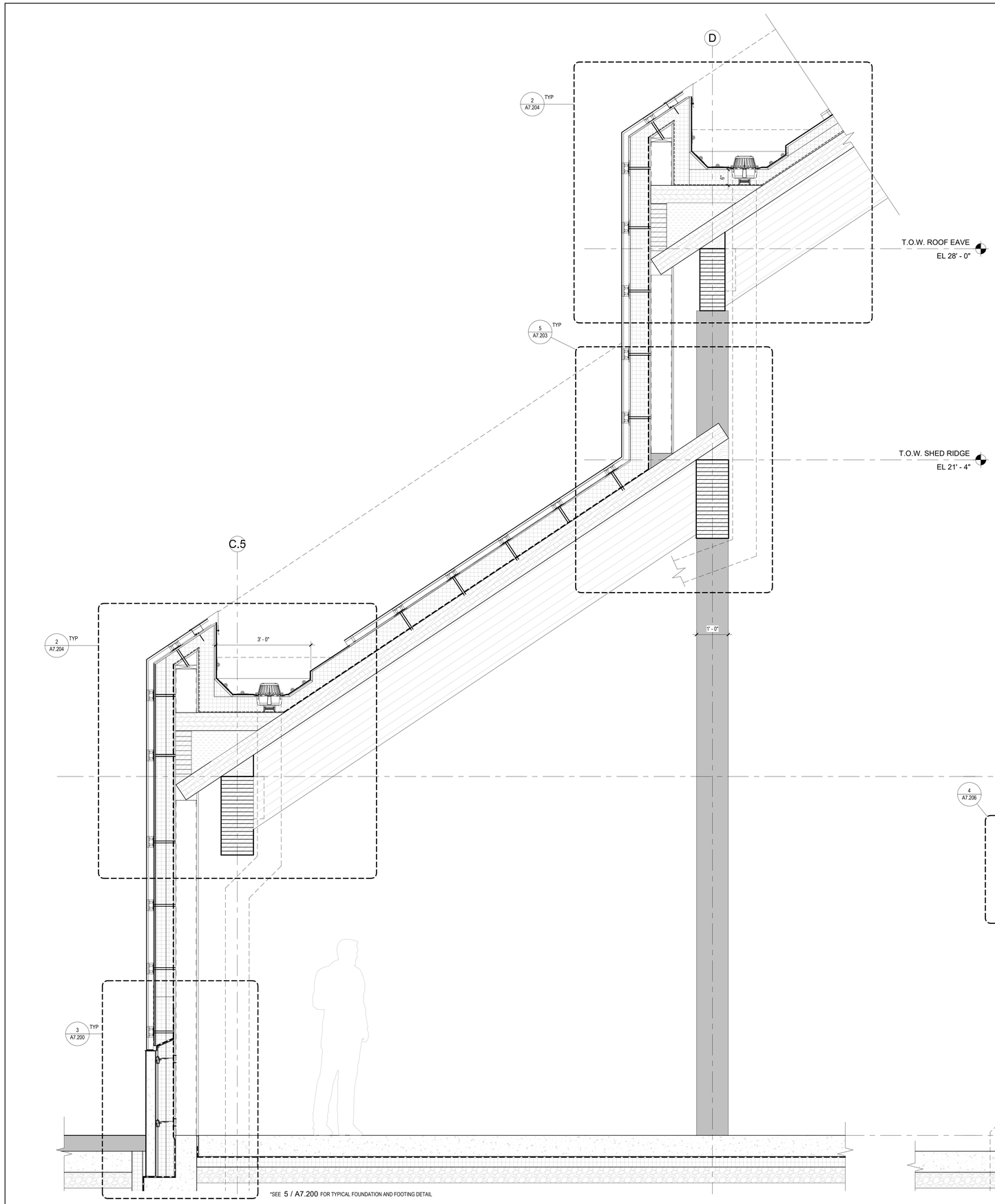
SHEET TITLE:
WALL SECTIONS
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

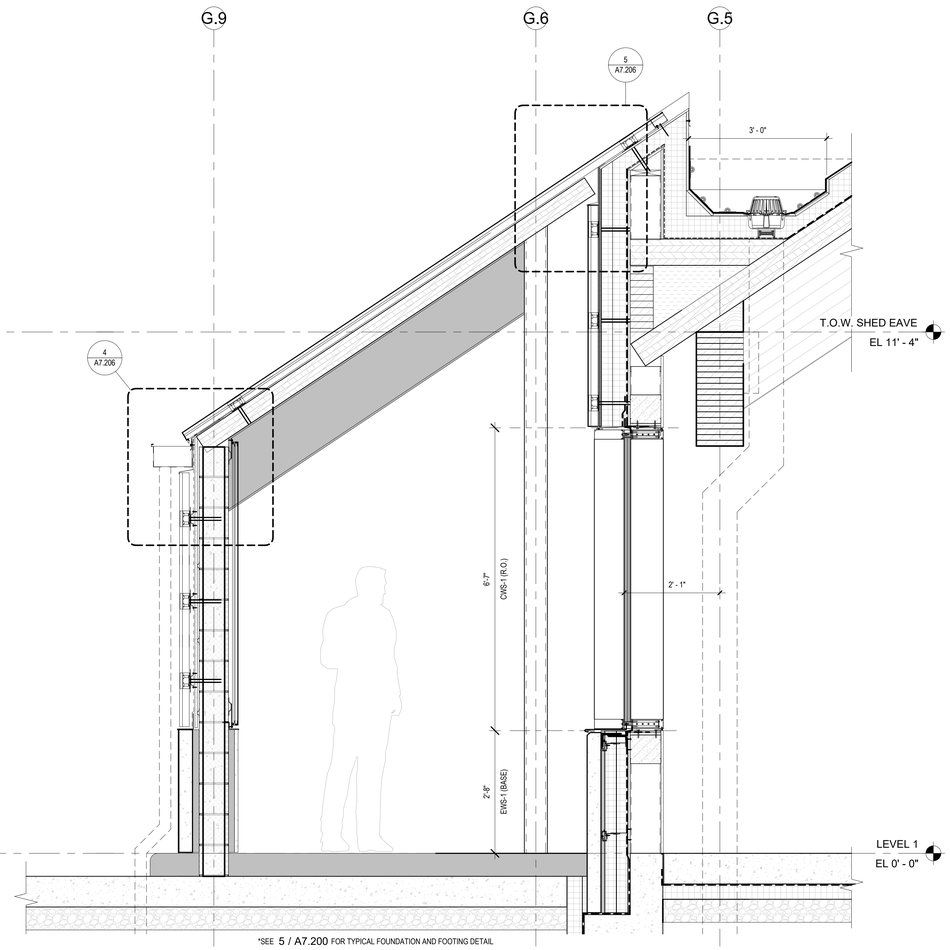
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A5.204



*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

1 WALL SECTION - AIRSIDE AT STANDING SEAM
3/4" = 1'-0"



*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

2 WALL SECTION - AIRSIDE AT PASSENGER BOARDING CANOPY
3/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
WALL SECTIONS - AIRSIDE

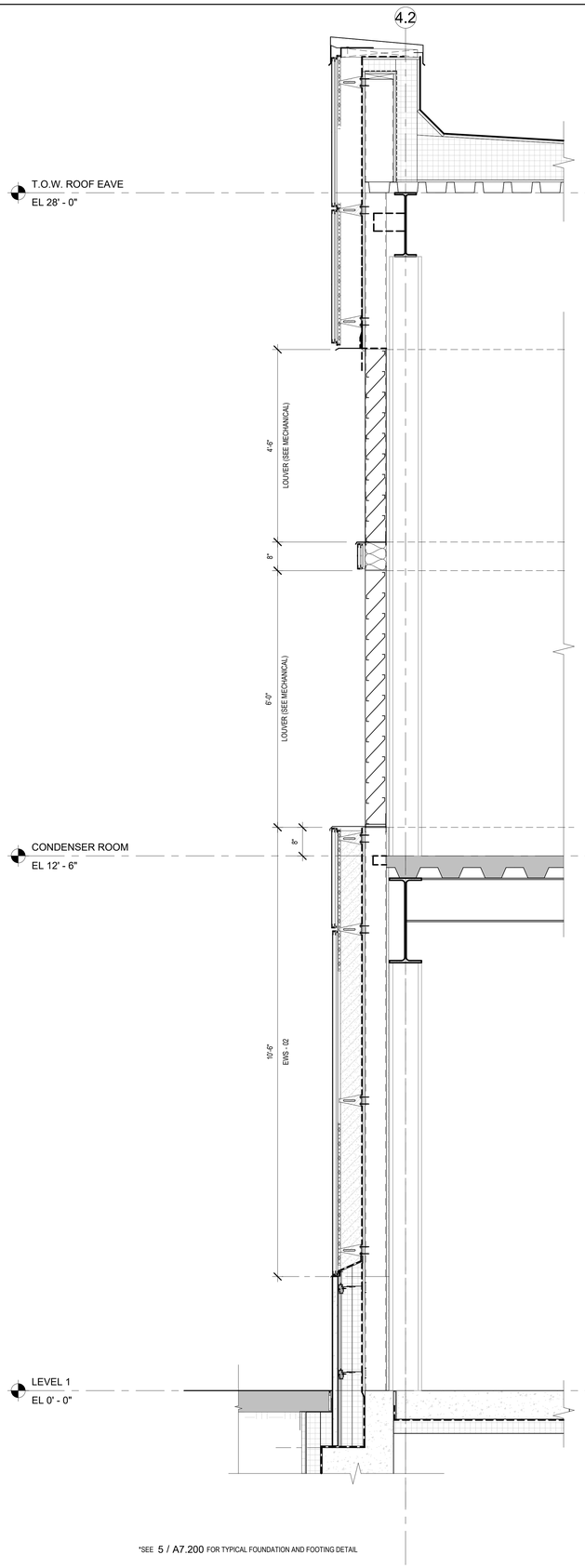
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

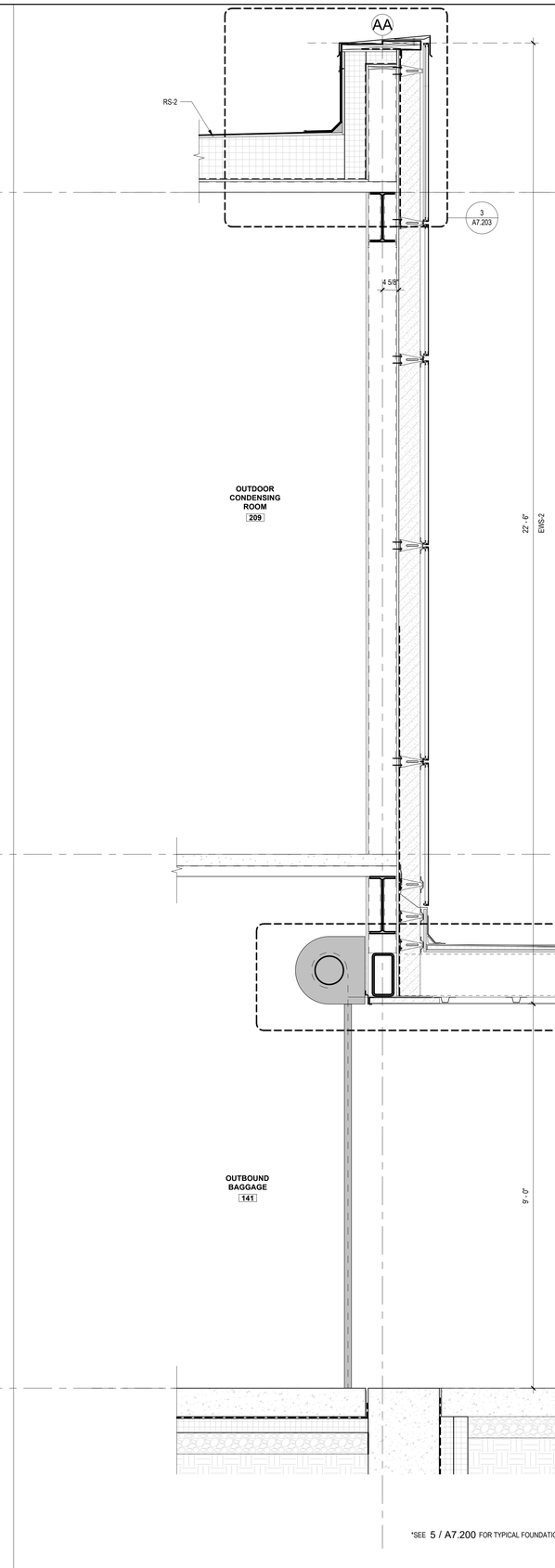
SCALE:	DATE:
AS NOTED	06/05/2024

SHEET NUMBER:
A5.205



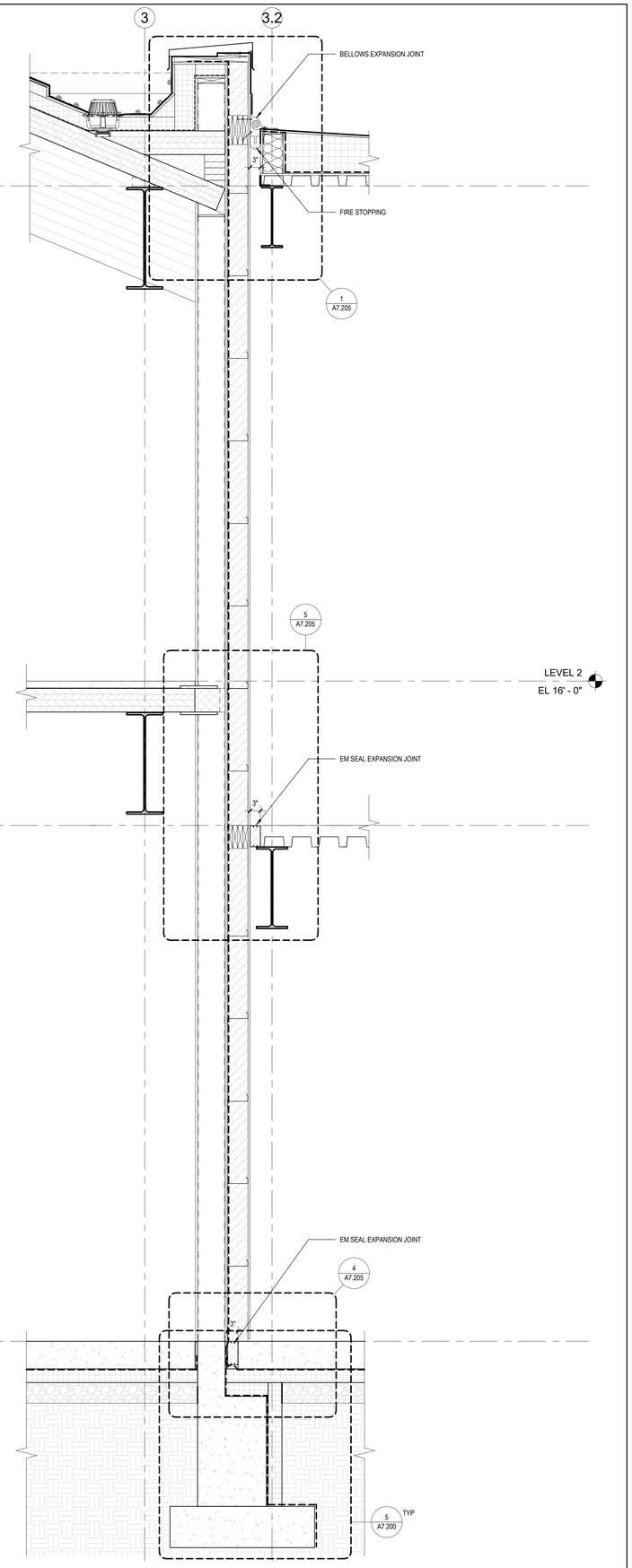
*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

1 WALL SECTION - CONDENSER ROOM AT LOUVERS
3/4" = 1'-0"



*SEE 5 / A7.200 FOR TYPICAL FOUNDATION AND FOOTING DETAIL

2 WALL SECTION - CONDENSER ROOM
3/4" = 1'-0"



3 WALL SECTION - TYPICAL EJ's AT CONDENSER ROOM
3/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
WALL SECTIONS - CONDENSER ROOM

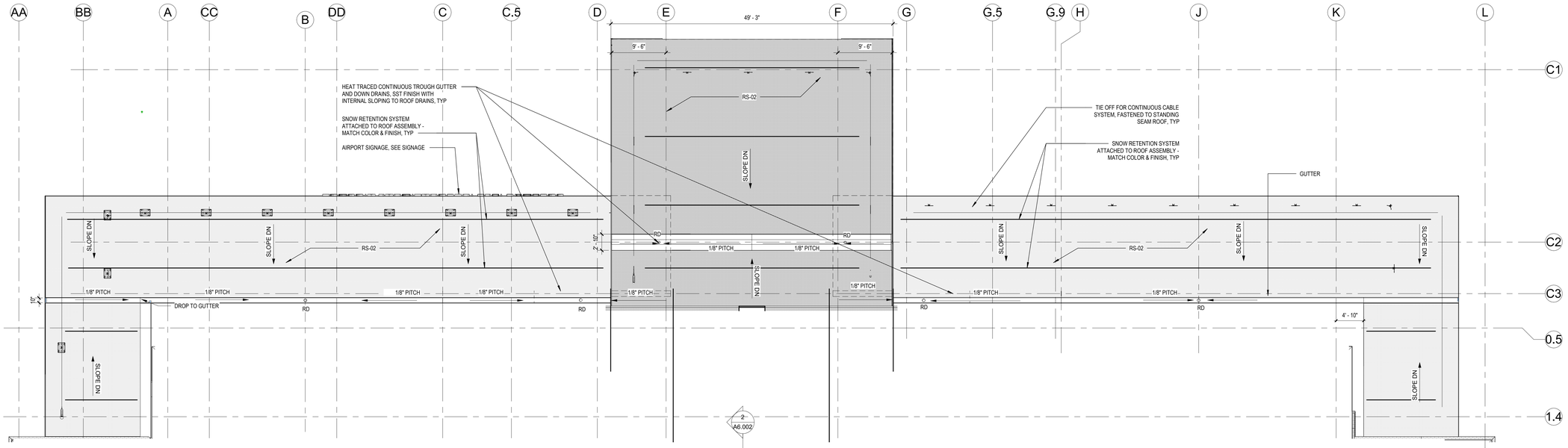
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

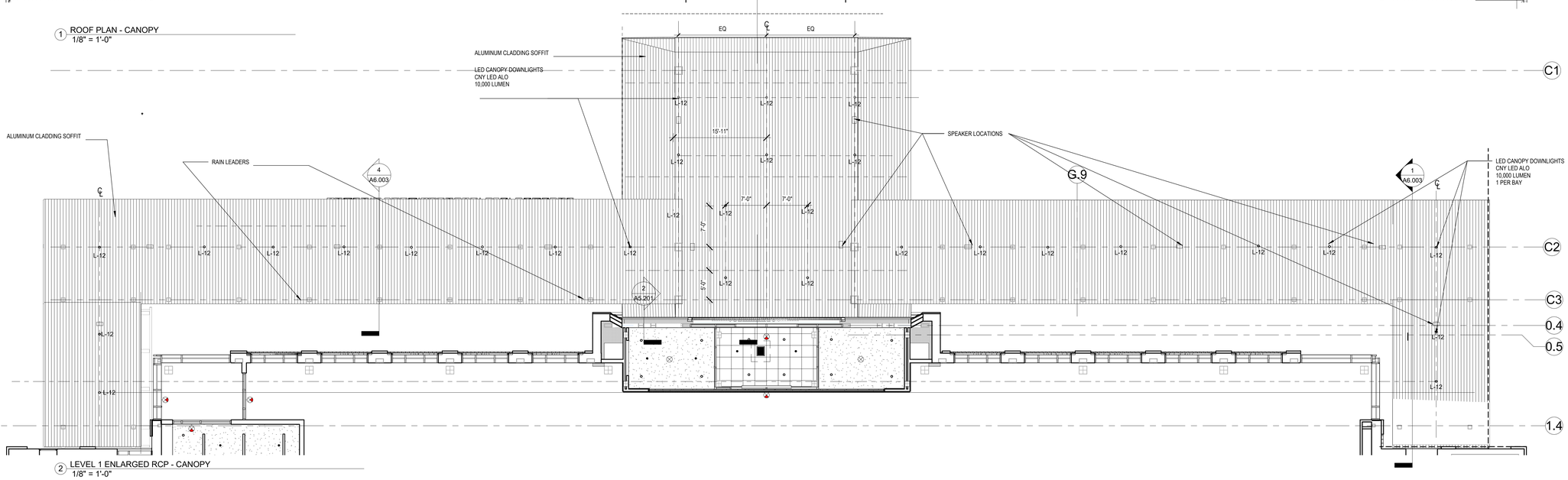
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

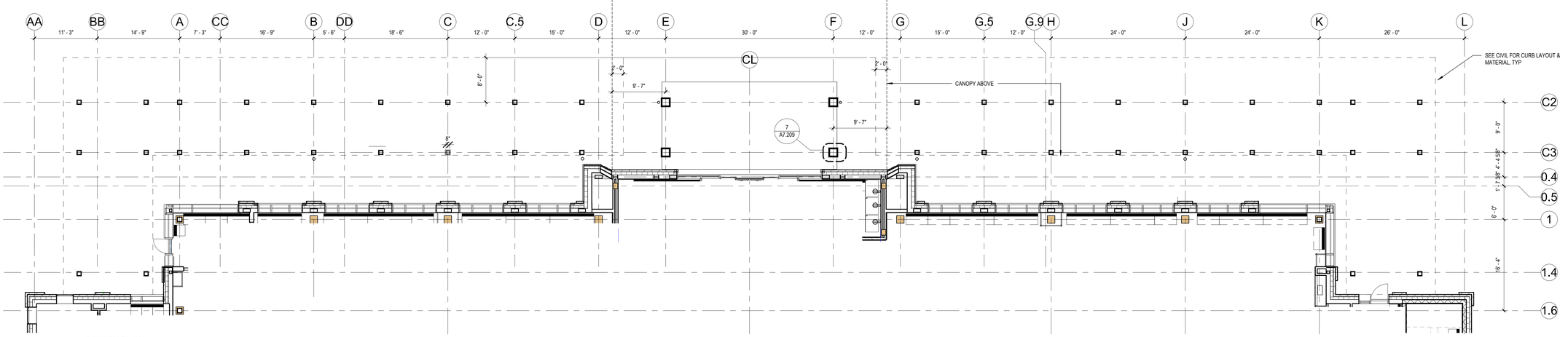
SHEET NUMBER:
A5.206



1 ROOF PLAN - CANOPY
1/8" = 1'-0"



2 LEVEL 1 ENLARGED RCP - CANOPY
1/8" = 1'-0"



3 CANOPY PLAN
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CANOPY PLANS

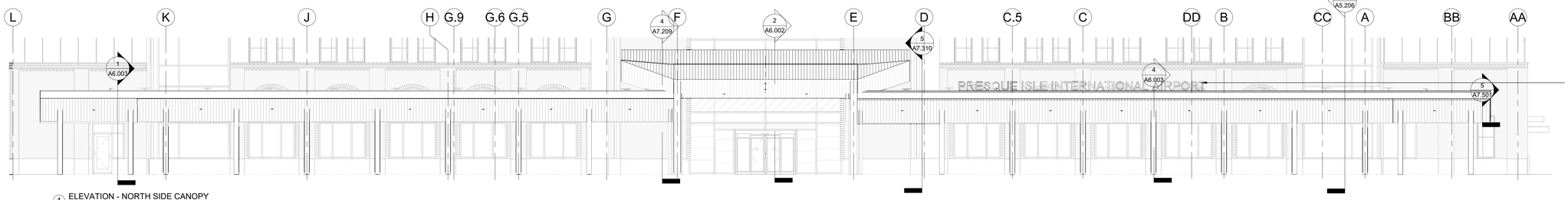
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

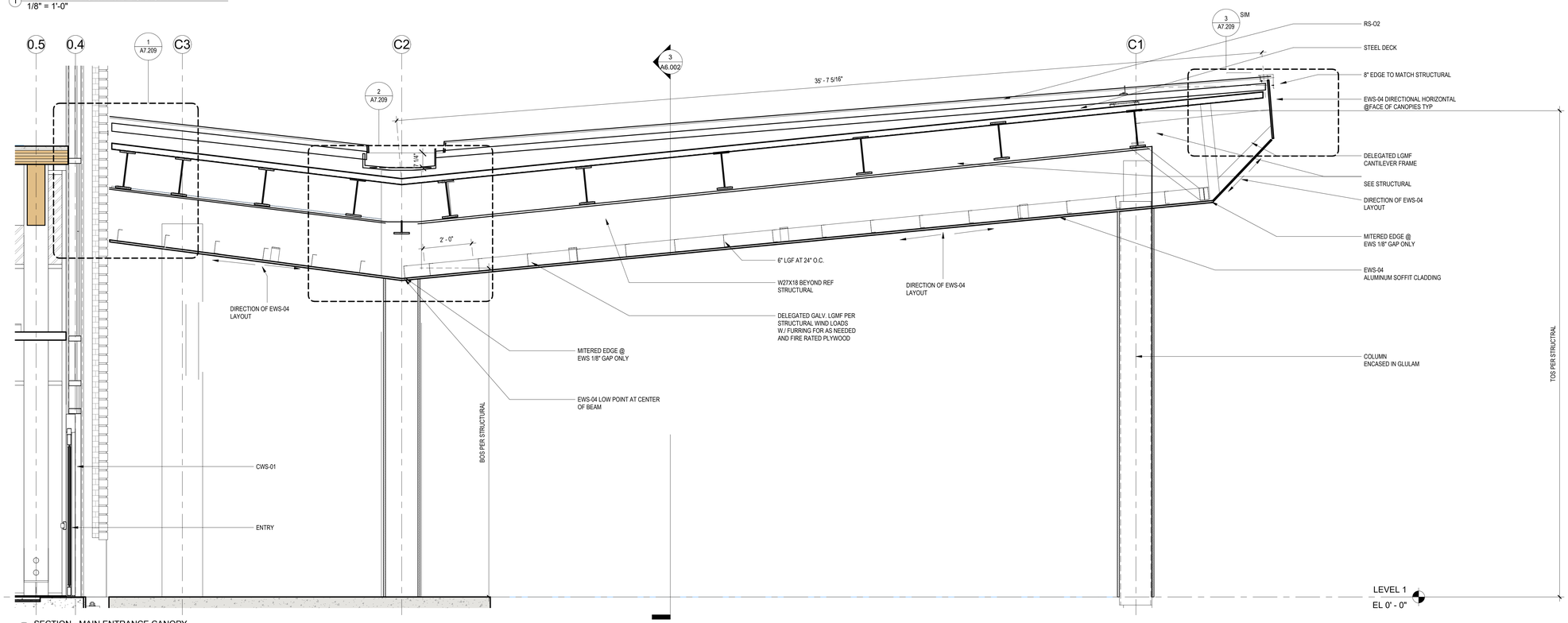
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

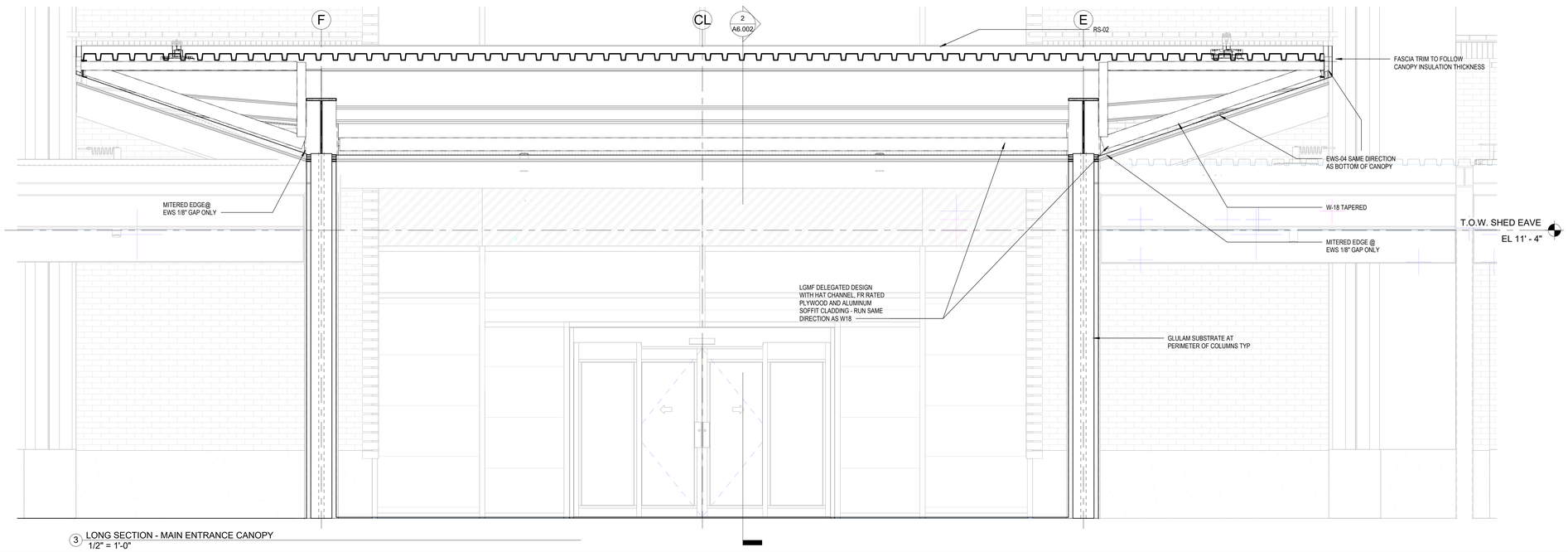
SHEET NUMBER:
A6.001



1 ELEVATION - NORTH SIDE CANOPY
1/8" = 1'-0"



2 SECTION - MAIN ENTRANCE CANOPY
1/2" = 1'-0"



3 LONG SECTION - MAIN ENTRANCE CANOPY
1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CANOPY SECTIONS / ELEVATIONS

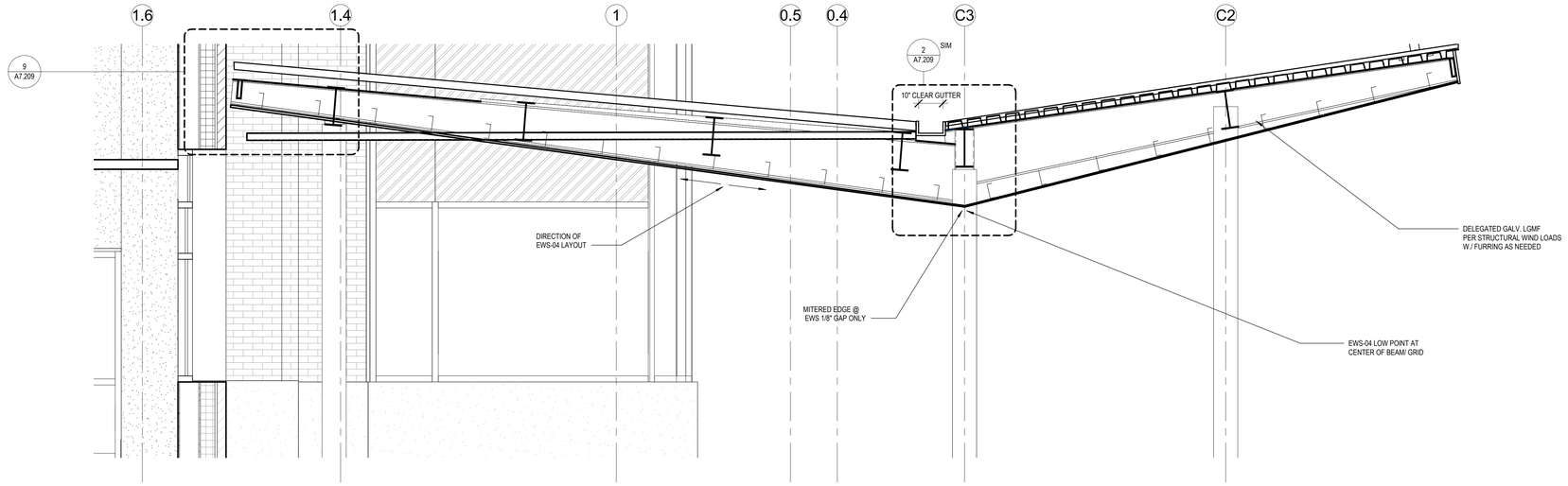
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

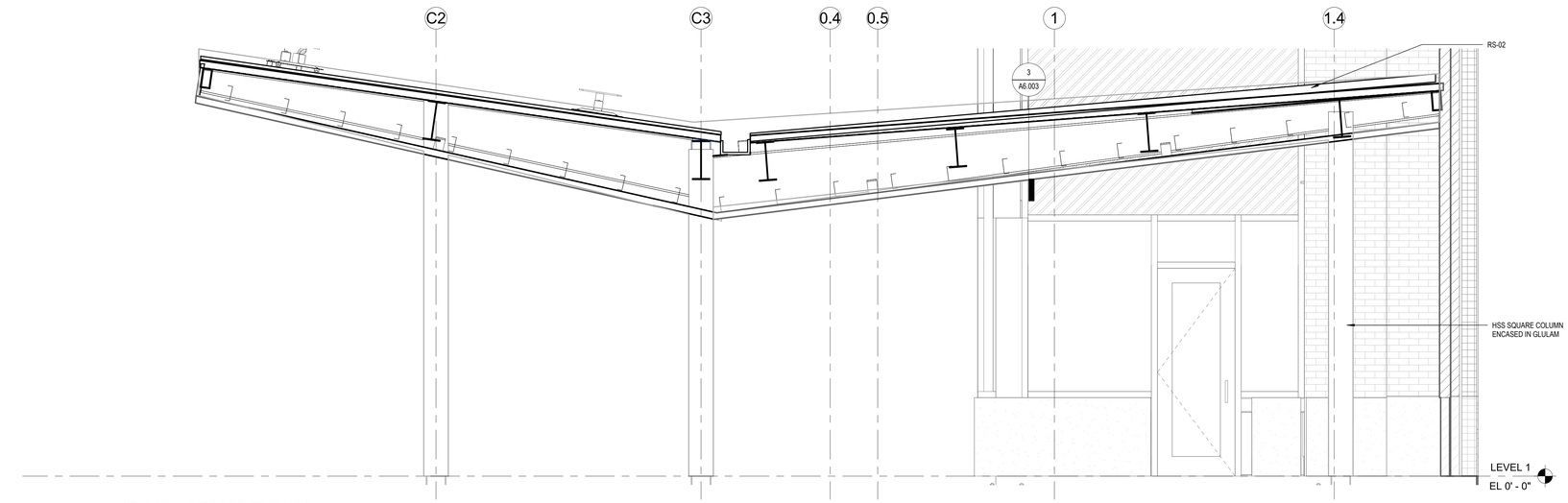
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

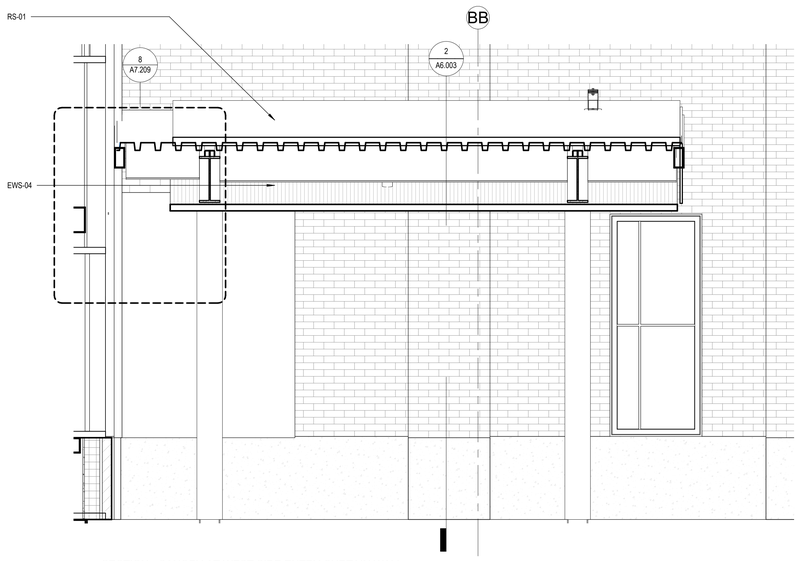
SHEET NUMBER:
A6.002



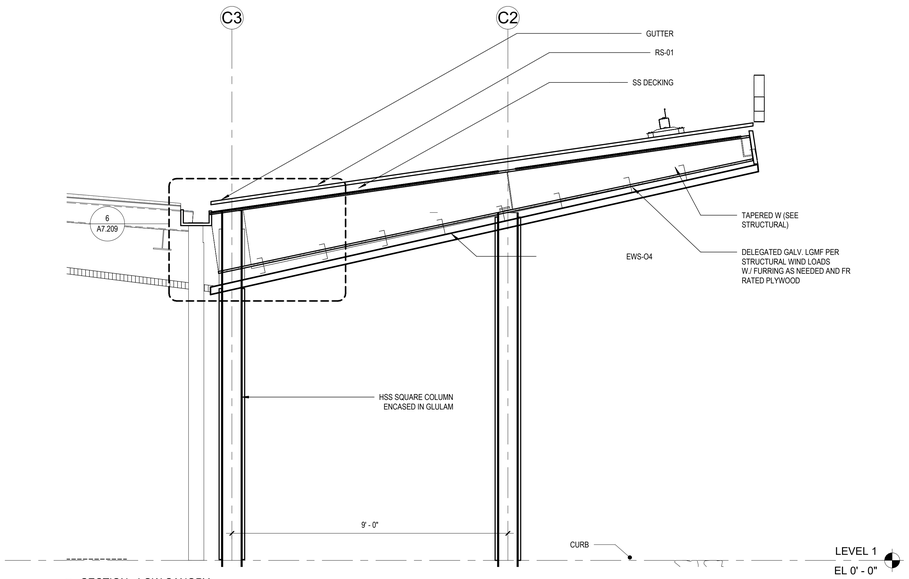
1 SECTION - LOW CANOPY EAST
1/2" = 1'-0"



2 SECTION - WEST SIDE ENTRY CANOPY
1/2" = 1'-0"



3 SECTION - CANOPY AT WEST SIDE ENTRY CURTAIN WALL
1/2" = 1'-0"



4 SECTION - LOW CANOPY
1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CANOPY SECTIONS

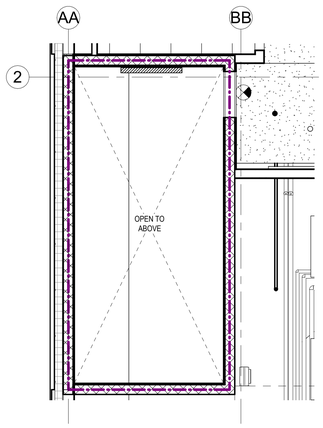
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

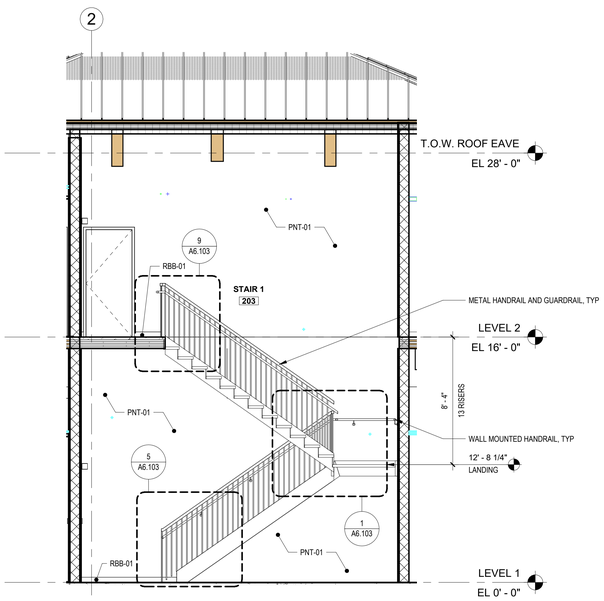
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

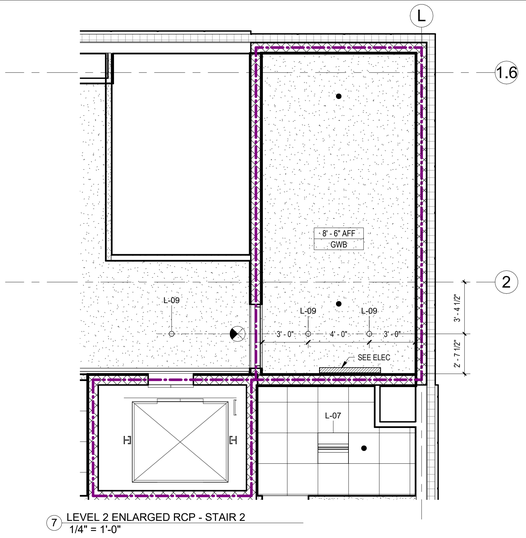
SHEET NUMBER:
A6.003



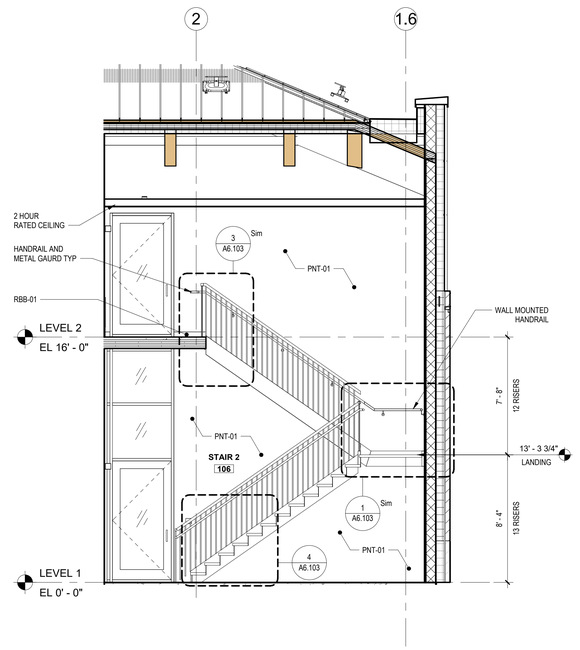
1 LEVEL 2 - ENLARGED RCP - STAIRS 1
1/4" = 1'-0"



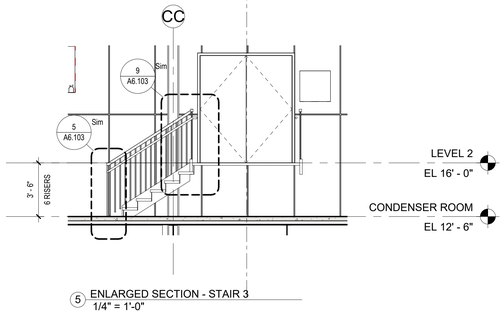
2 ENLARGED SECTION - STAIR 1
1/4" = 1'-0"



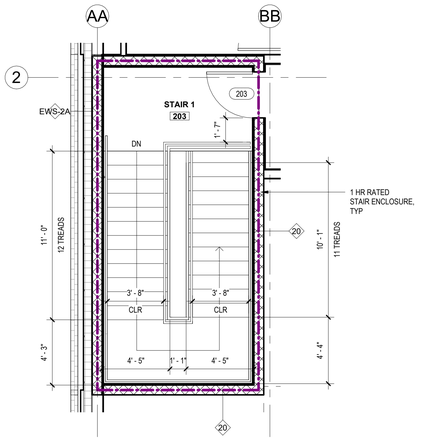
7 LEVEL 2 ENLARGED RCP - STAIR 2
1/4" = 1'-0"



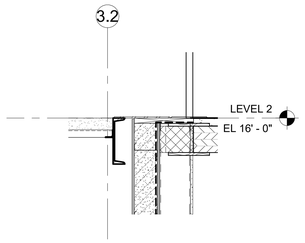
6 ENLARGED SECTION - STAIR 2
1/4" = 1'-0"



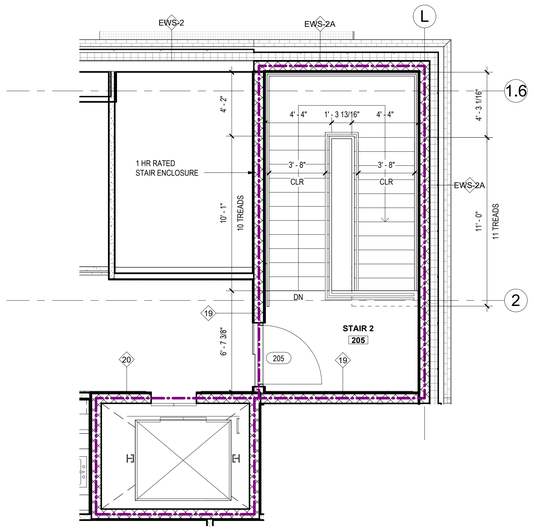
5 ENLARGED SECTION - STAIR 3
1/4" = 1'-0"



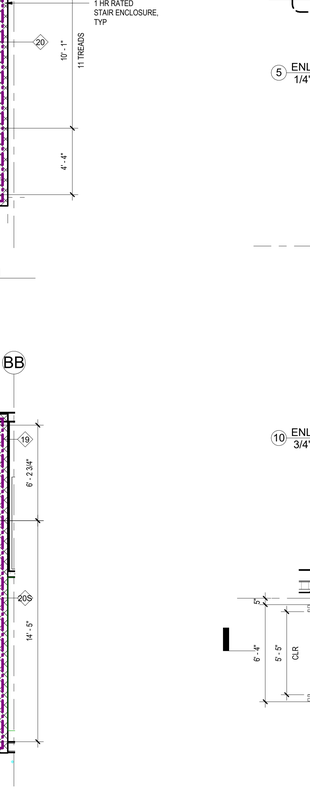
3 LEVEL 2 - ENLARGED PLAN - STAIRS 1
1/4" = 1'-0"



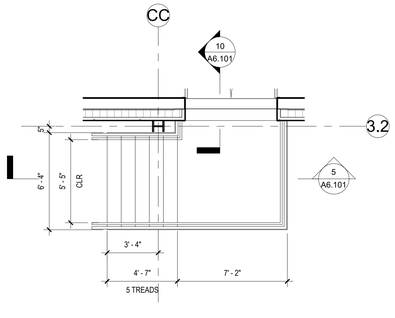
10 ENLARGED SECTION - STAIR 3 THRESHOLD
3/4" = 1'-0"



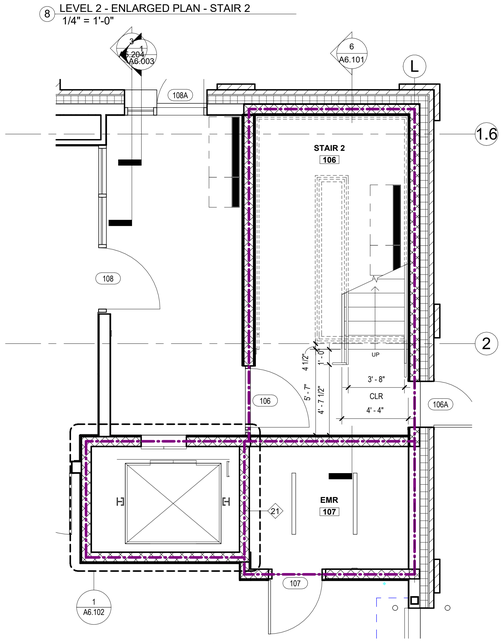
8 LEVEL 2 - ENLARGED PLAN - STAIR 2
1/4" = 1'-0"



4 LEVEL 1 - ENLARGED PLAN - STAIR 1
1/4" = 1'-0"



11 LEVEL 2 - ENLARGED PLAN - STAIR 3
1/4" = 1'-0"



9 LEVEL 1 - ENLARGED PLAN - STAIR 2
1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS/ ELEVATIONS - VERTICAL CIRCULATION

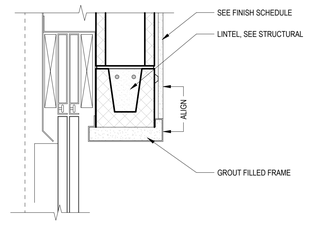
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

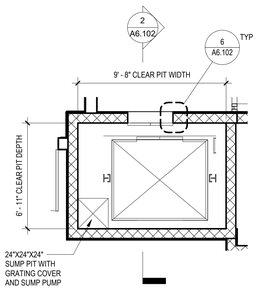
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

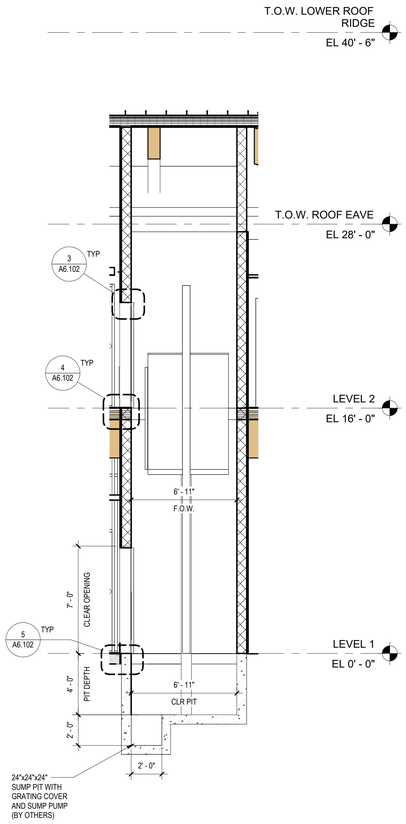
SHEET NUMBER:
A6.101



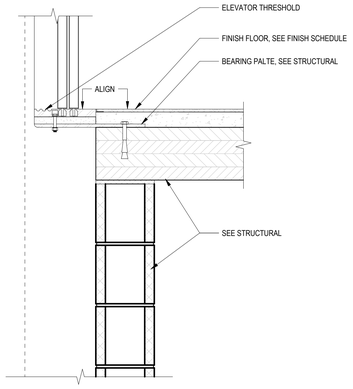
3 ELEVATOR HEAD DETAIL @ CMU WALL
1 1/2" = 1'-0"



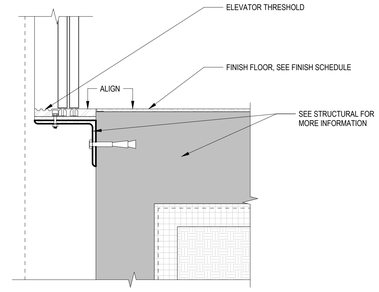
1 ELEVATOR PIT PLAN
1/4" = 1'-0"



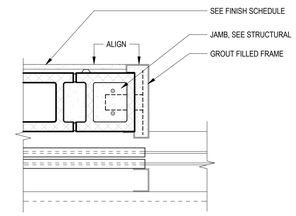
2 ENLARGED SECTION THROUGH ELEVATOR
1/4" = 1'-0"



4 ELEVATOR SILL DETAIL
1 1/2" = 1'-0"



5 ELEVATOR SILL DETAIL @ APRON SLAB
1 1/2" = 1'-0"



6 ELEVATOR DOOR JAMB @ CMU WALL
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
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No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

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PRIMARY:
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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS/ ELEVATIONS - VERTICAL CIRCULATION II

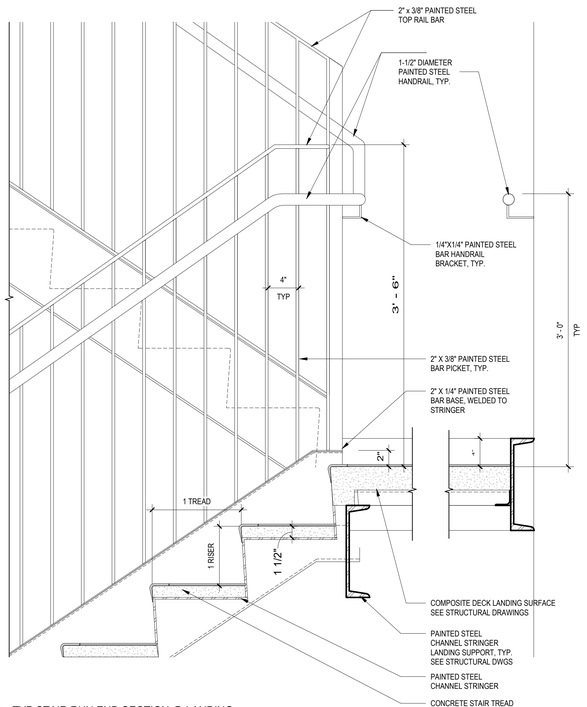
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

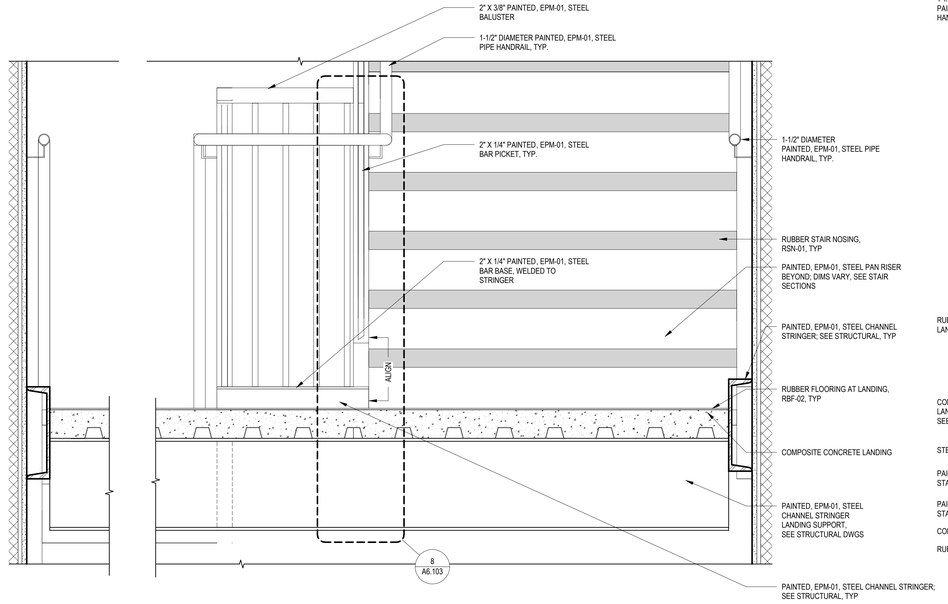
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

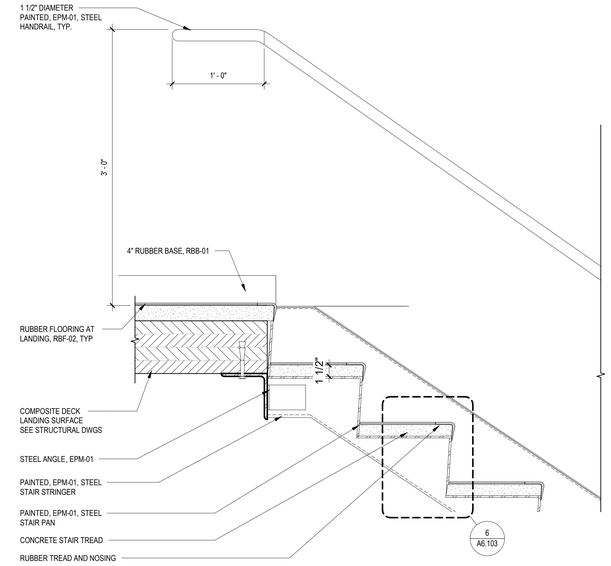
SHEET NUMBER:
A6.102



1 TYP STAIR RUN END SECTION @ LANDING
1 1/2" = 1'-0"



2 TYP STAIR CROSS SECTION @ LANDING
1 1/2" = 1'-0"



3 TYP STAIR RUN SECTION END @ WALL
1 1/2" = 1'-0"

4 TYP STAIR RUN SECTION START @ WALL
1 1/2" = 1'-0"

5 TYPICAL STAIR RUN SECTION START @ GAURDRAIL
1 1/2" = 1'-0"

9 TYP STAIR RUN SECTION END @ GAURDRAIL
1 1/2" = 1'-0"

7 PLAN DETAIL - TYP PICKET PROFILE
3" = 1'-0"

6 STAIR RISER DETAIL
3" = 1'-0"

8 TYP GAURDRAIL AT STRINGER
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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STATE OF MAINE

KEY PLAN:

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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

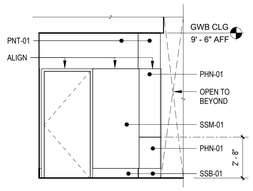
SHEET TITLE:
TYPICAL STAIR DETAILS
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

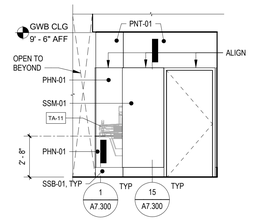
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

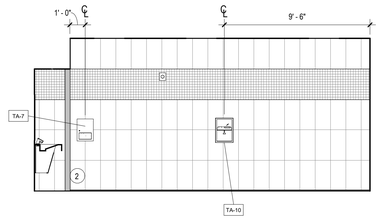
SHEET NUMBER:
A6.103



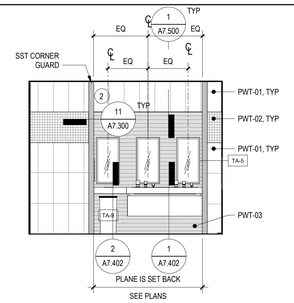
17 LEVEL 1 LANDSIDE TOILET ROOM ENTRY - WEST
1/4" = 1'-0"



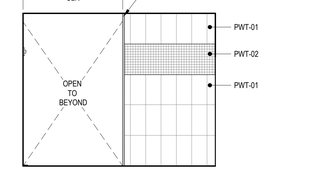
18 LEVEL 1 LANDSIDE TOILET ROOM ENTRY - EAST
1/4" = 1'-0"



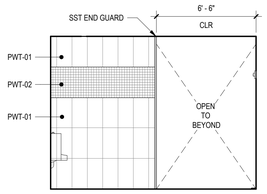
16 LEVEL 1 - LANDSIDE - MEN'S RESTROOMS - EAST
1/4" = 1'-0"



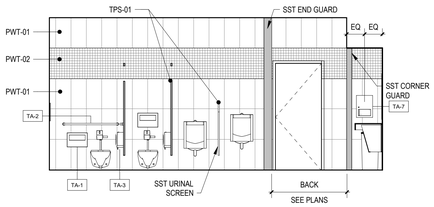
15 LEVEL 1 - LANDSIDE - MEN'S RESTROOM - NORTH B
1/4" = 1'-0"



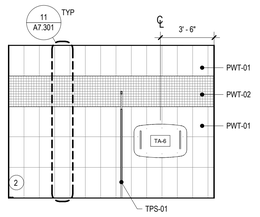
14 LEVEL 1 - LANDSIDE - MEN'S RESTROOM - SOUTH B
1/4" = 1'-0"



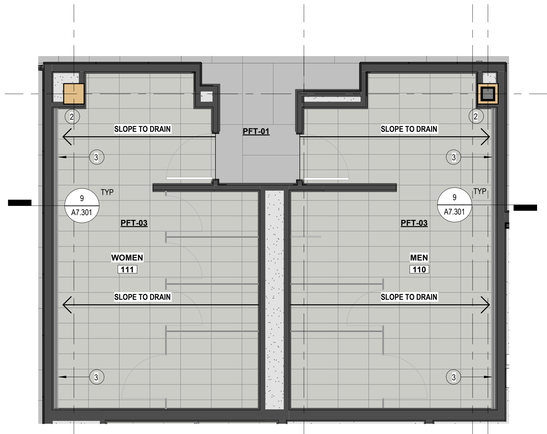
13 LEVEL 1 - LANDSIDE - MEN'S RESTROOM - NORTH A
1/4" = 1'-0"



12 LEVEL 1 - LANDSIDE - MEN'S RESTROOM - WEST
1/4" = 1'-0"

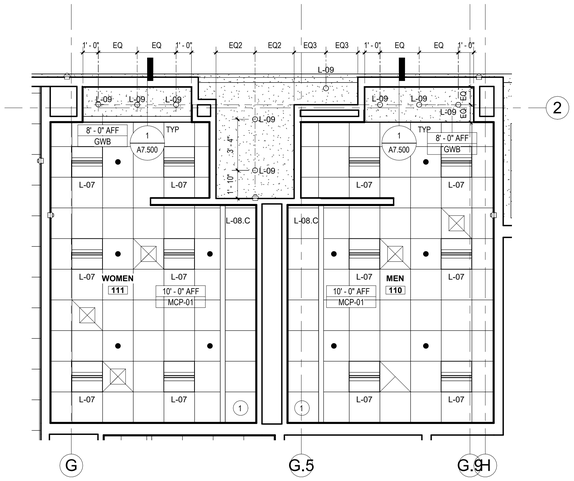


11 LEVEL 1 - LANDSIDE - MEN'S RESTROOM - SOUTH A
1/4" = 1'-0"

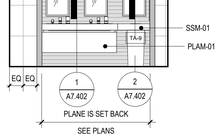


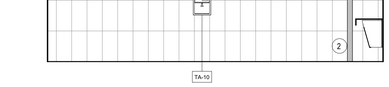
PLAN NOTE: ALIGN WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES

4 LEVEL 1 - ENLARGED LANDSIDE RESTROOM FLOOR FINISH PLAN
1/4" = 1'-0"



3 LEVEL 1 - LANDSIDE - RESTROOM RCP
1/4" = 1'-0"

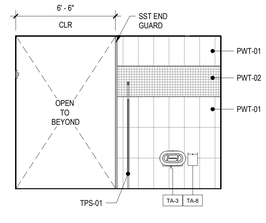


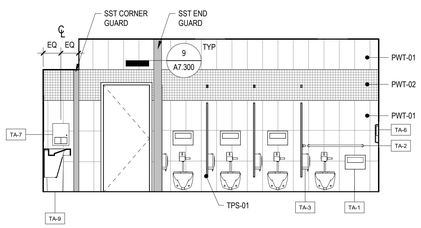


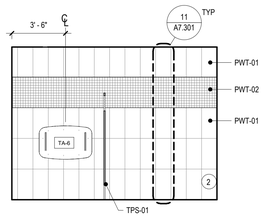
10 LEVEL 1 - LANDSIDE - WOMEN'S RESTROOM - SOUTH B
1/4" = 1'-0"

9 LEVEL 1 - LANDSIDE - WOMEN'S RESTROOM - NORTH
1/4" = 1'-0"

8 LEVEL 1 - LANDSIDE - WOMEN'S RESTROOM - WEST
1/4" = 1'-0"



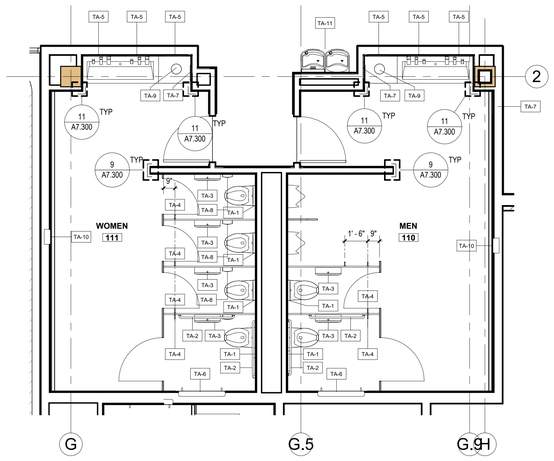




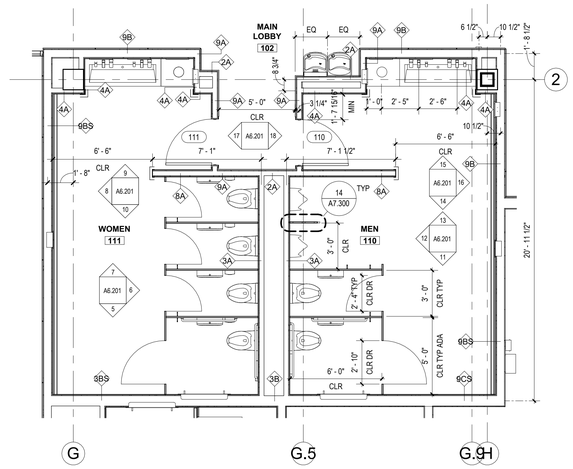
7 LEVEL 1 - LANDSIDE - WOMEN'S RESTROOM - NORTH A
1/4" = 1'-0"

6 LEVEL 1 - LANDSIDE - WOMEN'S RESTROOM - EAST
1/4" = 1'-0"

5 LEVEL 1 - LANDSIDE - WOMEN'S RESTROOM - SOUTH A
1/4" = 1'-0"



2 LEVEL 1 - ENLARGED LANDSIDE RESTROOM TOILET ACCESSORY PLAN
1/4" = 1'-0"



1 LEVEL 1 - ENLARGED LANDSIDE RESTROOM CONSTRUCTION PLAN
1/4" = 1'-0"

SHEET NOTES

A. ALL DIMS CENTER OF LGMF U.O.N.

B. REFER TO ELECTRICAL, MECHANICAL, FIRE PROTECTION, FIRE ALARM DOCUMENTS FOR ALL CEILING MOUNTED DEVICES.

C. PROVIDE IN-WALL BLOCKING AT STUD WALL ASSEMBLIES, BEHIND ALL TOILET ACCESSORIES AND DEVICES.

D. REFER TO A0.000 FOR TYPICAL MOUNTING HEIGHTS.

E. REFER TO ELEC AND PLUMBING DWGS FOR MORE INFORMATION.

F. ALL NON ADA TOILETS ARE CENTERED BETWEEN TOILET PARTITIONS.

G. ALL URINALS ARE CENTERED BETWEEN URINAL SCREENS.

H. ALL MIRRORS ARE CENTERED BETWEEN SINK FIXTURES.

I. ALL CORNER GUARDS AND END GUARDS ARE TO BE SST, NO. 4 FINISH, FULL HEIGHT AFF TO FINISH CLG.

J. ALL CLG DEVICES ARE CENTERED ON CLG PANELS UNO

KEYNOTES

1. FULL CLG TILE, 24" x 24"
2. FULL PORCELAIN FLOOR TILE, 12" x 24"
3. LINEAR FLOOR DRAIN WITH TILE-IN INSERT FRAME, SEE DETAILS

LIGHTING LEGEND

NOTE:
ALL LIGHT FIXTURES ARE LED U.N.O.

- 2' x 2' RECESSED BASKET STYLE FIXTURE
- 4" DIA ROUND RECESSED DOWNLIGHT
- 4" RECESSED LINEAR FIXTURE (LENGTHS VARY, SEE RCP)

CLG LEGEND

NOTE:
SEE INTERIOR FINISH LEGEND FOR MORE INFORMATION.

- **GWB CELING / SOFFIT** GYPSUM WALL BOARD CEILING
- **MCP-01** 2'x2' METAL PANEL CEILING

CLG DEVICE LEGEND

- RECESSED SPRINKLER
- EXHAUST DIFFUSER 24" x 24"
- SUPPLY AIR DIFFUSER 24" x 24"
- RETURN AIR DIFFUSER 24" x 24"

TOILET ACCESSORY LEGEND

TAG	DESCRIPTION	BASIS OF DESIGN
TA-1	SURFACE MOUNTED TOILET SEAT COVER DISPENSER	BOBRICK B-221, SST FINISH
TA-2	42" GRAB BAR	BOBRICK B-5806 x 42, SST FINISH
TA-3	SURFACE MOUNTED TOILET PAPER DISPENSER	BOBRICK B-2892 CLASSIC SERIES, SST FINISH
TA-4	<varies>	BOBRICK B-212, ALUMINUM AND RUBBER
TA-5	WELDED FRAMED MIRROR, 18" x 36"	BOBRICK B-290 1836, SST FINISH
TA-6	RECESSED BABY CHANGING STATION	BOBRICK KB310-SSRE, SST FINISH
TA-7	RECESSED PAPER TOWEL DISPENSER	BOBRICK B-359033, SST FINISH
TA-8	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK B-270, SST FINISH
TA-9	FLOOR STANDING WASTE RECEPTACLE	BOBRICK B-2280, SST FINISH
TA-10	RECESSED SHARPS DISPOSAL	BOBRICK B-35016, SST FINISH
TA-11	SURFACE MOUNTED BOTTLE FILLING STATION AND BI-LEVEL ADA COOLER	ELKAY EZH2O LZSTL8WSSK, SST FINISH
TA-12	MOP AND BROOM HOLDER W/ SHELF	BOBRICK B-239 x 34, SST FINISH

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BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - LEVEL 1 LANDSIDE RESTROOMS

BID DOCUMENTS

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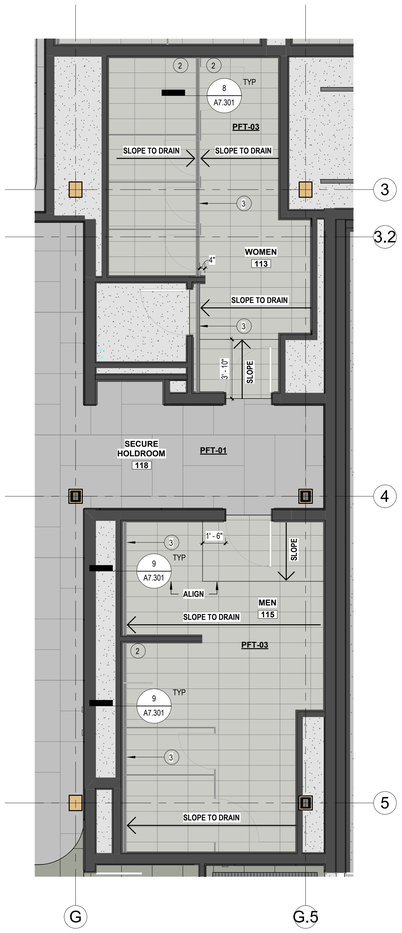
AECOM	AECOM	JR	BC

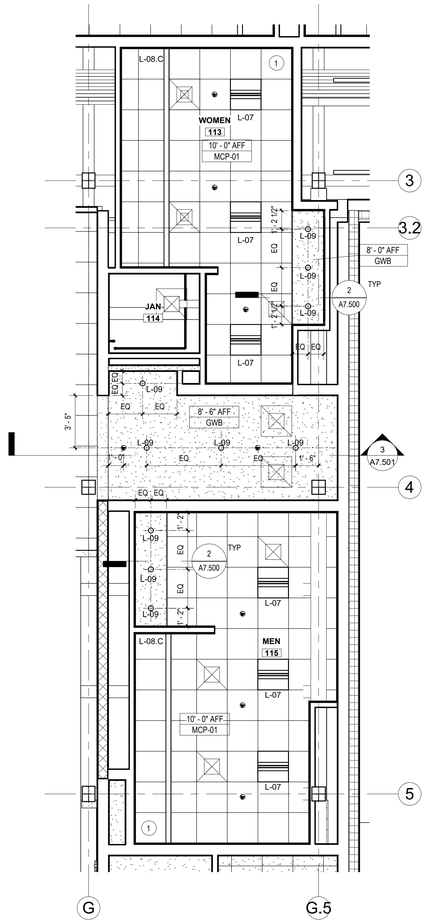
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A6.201

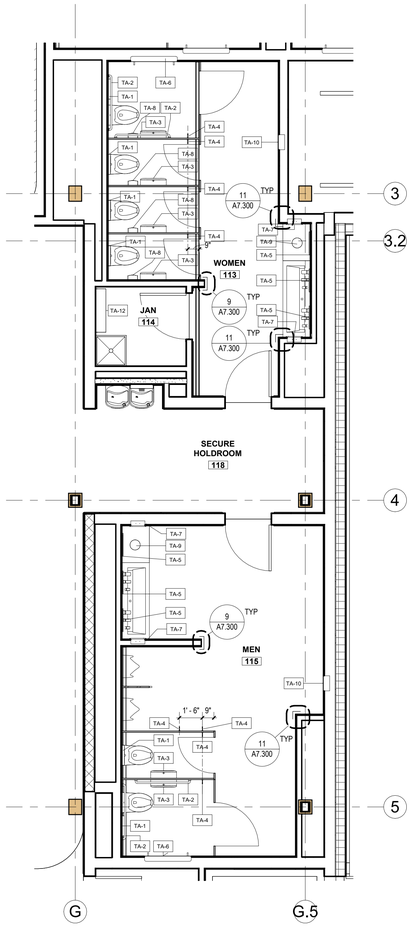


PLAN NOTE: ALIGN WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES

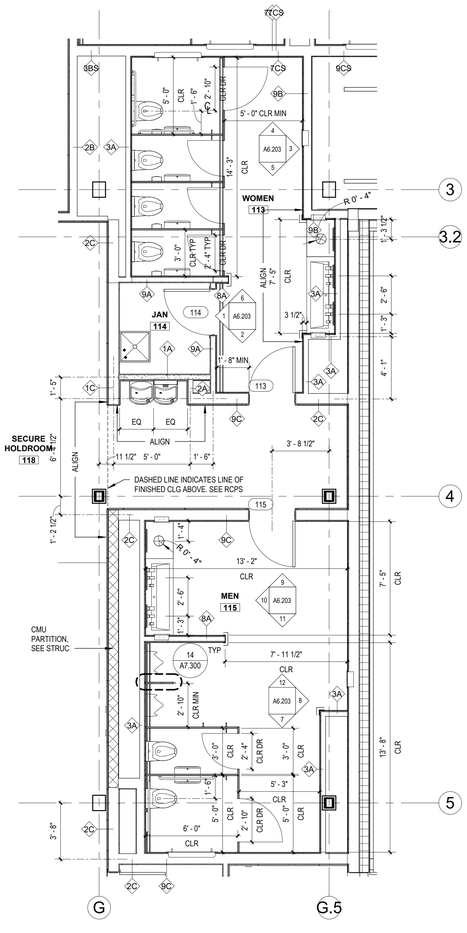
4 LEVEL 1 - ENLARGED RESTROOM AIRSIDE FLOOR FINISH PLAN
1/4" = 1'-0"



3 LEVEL 1 - ENLARGED AIRSIDE RESTROOM RCP
1/4" = 1'-0"



2 LEVEL 1 - ENLARGED RESTROOM AIRSIDE TOILET ACCESSORY PLAN
1/4" = 1'-0"



1 LEVEL 1 - ENLARGED RESTROOM AIRSIDE CONSTRUCTION PLAN
1/4" = 1'-0"

SHEET NOTES

A. ALL DIMS CENTER OF LGMF U.O.N.

B. REFER TO ELECTRICAL, MECHANICAL, FIRE PROTECTION, FIRE ALARM DOCUMENTS FOR ALL CEILING MOUNTED DEVICES.

C. PROVIDE IN-WALL BLOCKING AT STUD WALL ASSEMBLIES, BEHIND ALL TOILET ACCESSORIES AND DEVICES.

D. REFER TO A0.000 FOR TYPICAL MOUNTING HEIGHTS.

E. REFER TO ELEC AND PLUMBING DWGS FOR MORE INFORMATION.

F. ALL NON ADA TOILETS ARE CENTERED BETWEEN TOILET PARTITIONS.

G. ALL URINALS ARE CENTERED BETWEEN URINAL SCREENS.

H. ALL MIRRORS ARE CENTERED BETWEEN SINK FIXTURES.

I. ALL CORNER GUARDS AND END GUARDS ARE TO BE SST, NO. 4 FINISH, FULL HEIGHT AFF TO FINISH CLG.

J. ALL CLG DEVICES ARE CENTERED ON CLG PANELS UNO

KEYNOTES

1. FULL CLG TILE, 24" x 24"
2. FULL PORCELAIN FLOOR TILE, 12" x 24"
3. LINEAR FLOOR DRAIN WITH TILE-IN INSERT FRAME, SEE DETAILS

LIGHTING LEGEND

NOTE:
ALL LIGHT FIXTURES ARE LED U.N.O.

- 2' x 2' RECESSED BASKET STYLE FIXTURE
- 4" DIA ROUND RECESSED DOWNLIGHT
- 4" RECESSED LINEAR FIXTURE (LENGTHS VARY, SEE RCP)

CLG LEGEND

NOTE:
SEE INTERIOR FINISH LEGEND FOR MORE INFORMATION.

- **GWB CELING / SOFFIT** GYPSUM WALL BOARD CEILING
- **MCP-01** 2'x2' METAL PANEL CEILING

CLG DEVICE LEGEND

- RECESSED SPRINKLER
- EXHAUST DIFFUSER 24" x 24"
- SUPPLY AIR DIFFUSER 24" x 24"
- RETURN AIR DIFFUSER 24" x 24"

TOILET ACCESSORY LEGEND

TAG	DESCRIPTION	BASIS OF DESIGN
TA-1	SURFACE MOUNTED TOILET SEAT COVER DISPENSER	BOBRICK B-221, SST FINISH
TA-2	42" GRAB BAR	BOBRICK B-5806 x 42, SST FINISH
TA-3	SURFACE MOUNTED TOILET PAPER DISPENSER	BOBRICK B-2892 CLASSIC SERIES, SST FINISH
TA-4	<varies>	BOBRICK B-212, ALUMINUM AND RUBBER
TA-5	WELDED FRAMED MIRROR, 18" x 36"	BOBRICK B-290 1836, SST FINISH
TA-6	RECESSED BABY CHANGING STATION	BOBRICK KB310-SSRE, SST FINISH
TA-7	RECESSED PAPER TOWEL DISPENSER	BOBRICK B-359033, SST FINISH
TA-8	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK B-270, SST FINISH
TA-9	FLOOR STANDING WASTE RECEPTACLE	BOBRICK B-2280, SST FINISH
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PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - LEVEL 1 AIRSIDE RESTROOMS

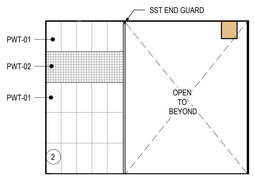
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

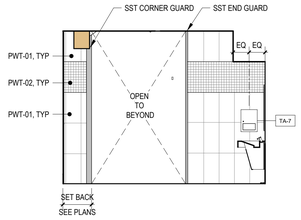
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

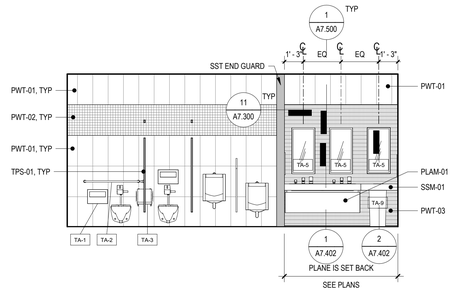
SHEET NUMBER:
A6.202



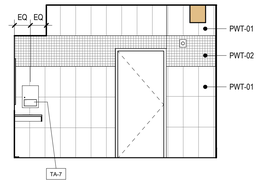
12 AIRSIDE - MEN'S RESTROOM - NORTH B
1/4" = 1'-0"



11 AIRSIDE - MEN'S RESTROOM - SOUTH B
1/4" = 1'-0"



10 AIRSIDE - MEN'S RESTROOM - WEST
1/4" = 1'-0"



9 AIRSIDE- MEN'S RESTROOM - NORTH A
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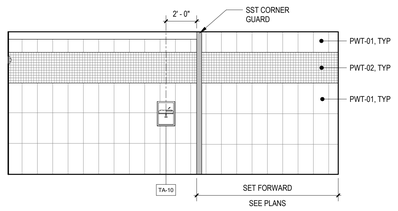

8 AIRSIDE - MEN'S RESTROOM - EAST
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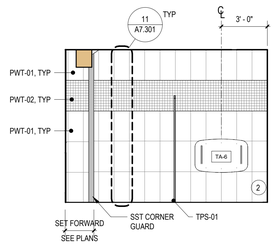

7 AIRSIDE - MEN'S RESTROOM - SOUTH A
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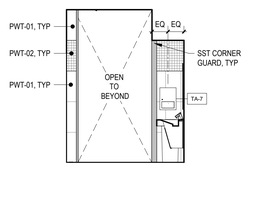
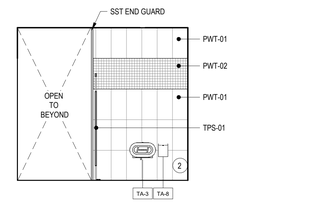
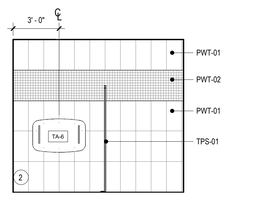


6 AIRSIDE - WOMEN'S RESTROOM - NORTH B
1/4" = 1'-0"



5 AIRSIDE - WOMEN'S RESTROOM - SOUTH B
1/4" = 1'-0"



4 AIRSIDE - WOMEN'S RESTROOM - NORTH A
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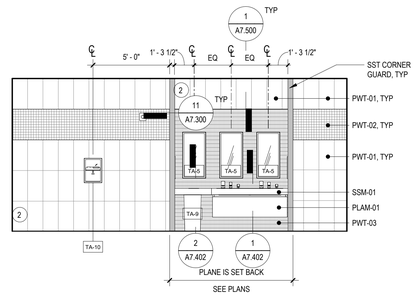
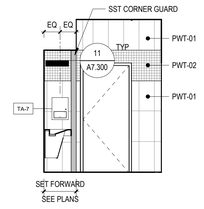
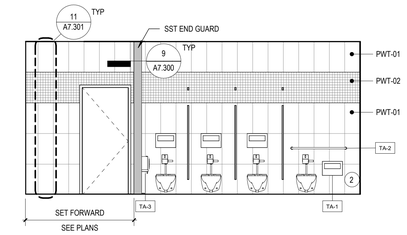


3 AIRSIDE - WOMEN'S RESTROOM - EAST
1/4" = 1'-0"



2 AIRSIDE - WOMEN'S RESTROOM - SOUTH A
1/4" = 1'-0"



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SHEET NOTES

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TA-5	WELDED FRAMED MIRROR, 18" x 36"	BOBRICK B-290 1836, SST FINISH
TA-6	RECESSED BABY CHANGING STATION	BOBRICK KB310-SSRE, SST FINISH
TA-7	RECESSED PAPER TOWEL DISPENSER	BOBRICK B-359033, SST FINISH
TA-8	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK B-270, SST FINISH
TA-9	FLOOR STANDING WASTE RECEPTACLE	BOBRICK B-2280, SST FINISH
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PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED ELEVATIONS - LEVEL 1 AIRSIDE RESTROOMS

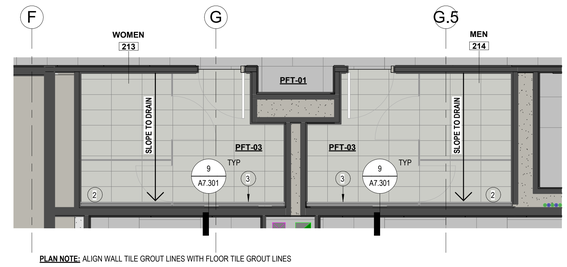
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

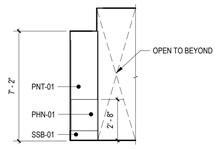
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A6.203

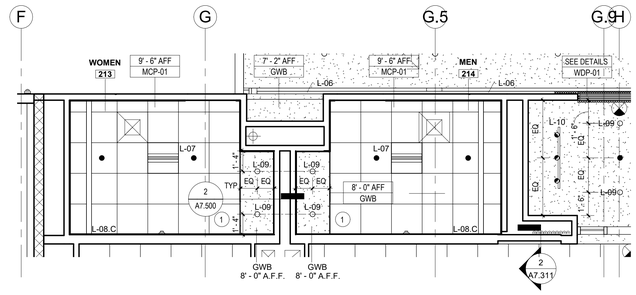


PLAN NOTE: ALIGN WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES

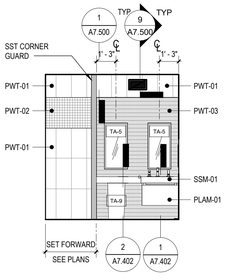
4 LEVEL 2 - ENLARGED LANDSIDE RESTROOM FLOOR FINISH PLAN
1/4" = 1'-0"



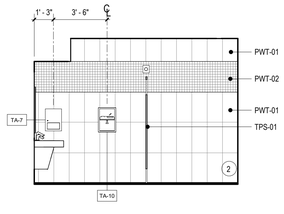
13 ELEVATION AT LEVEL 2 WATER FOUNTAIN SIDE WALL
1/4" = 1'-0"



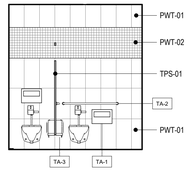
3 LEVEL 2 - ENLARGED LANDSIDE RESTROOM RCP
1/4" = 1'-0"



12 LEVEL 2 - LANDSIDE - WOMEN'S RESTROOM - EAST
1/4" = 1'-0"



11 LEVEL 2 - LANDSIDE - WOMEN'S RESTROOM - SOUTH
1/4" = 1'-0"



10 LEVEL 2 - LANDSIDE - WOMEN'S RESTROOM - WEST
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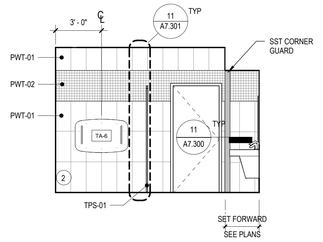
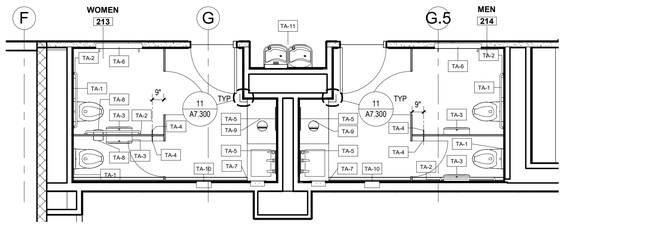
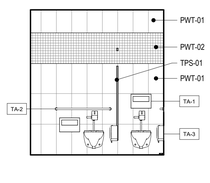


9 LEVEL 2 - LANDSIDE - WOMEN'S RESTROOM - NORTH
1/4" = 1'-0"



2 LEVEL 2 - ENLARGED LANDSIDE RESTROOM TOILET ACCESSORY PLAN
1/4" = 1'-0"



8 LEVEL 2 - LANDSIDE - MEN'S RESTROOM - EAST
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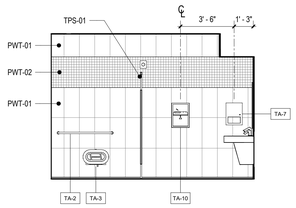

7 LEVEL 2 - LANDSIDE - MEN'S RESTROOM - SOUTH
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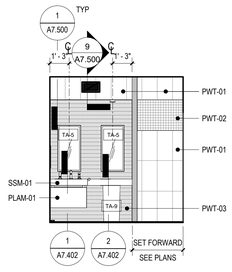

6 LEVEL 2 - LANDSIDE - MEN'S RESTROOM - WEST
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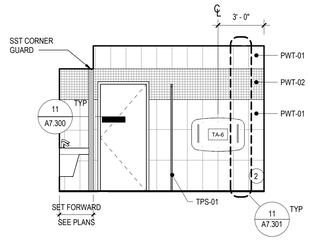

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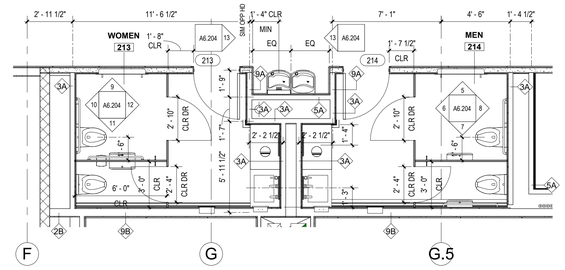

1 LEVEL 2 - ENLARGED LANDSIDE RESTROOM CONSTRUCTION PLAN
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SHEET NOTES

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NOTE:
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TA-9	FLOOR STANDING WASTE RECEPTACLE	BOBRICK B-2280, SST FINISH
TA-10	RECESSED SHARPS DISPOSAL	BOBRICK B-35016, SST FINISH
TA-11	SURFACE MOUNTED BOTTLE FILLING STATION AND BI-LEVEL ADA COOLER	ELKAY EZH2O LZSTL8WSSK, SST FINISH
TA-12	MOP AND BROOM HOLDER W/ SHELF	BOBRICK B-239 x 34, SST FINISH

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - LEVEL 2 LANDSIDE RESTROOMS

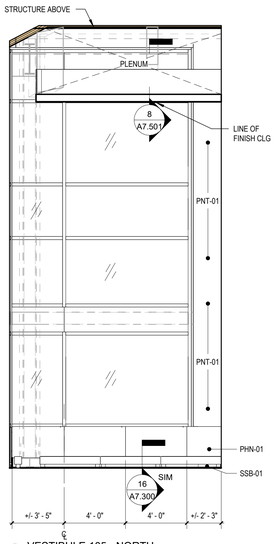
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

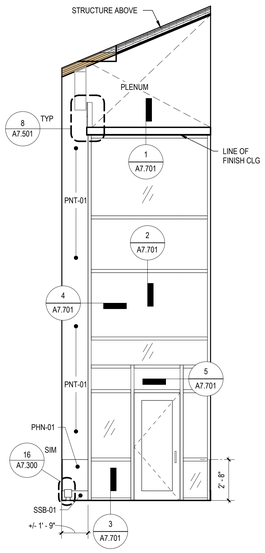
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

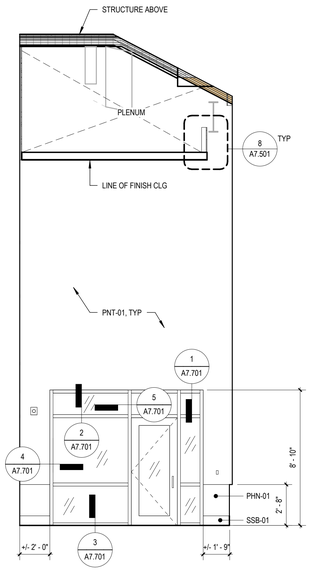
SHEET NUMBER:
A6.204



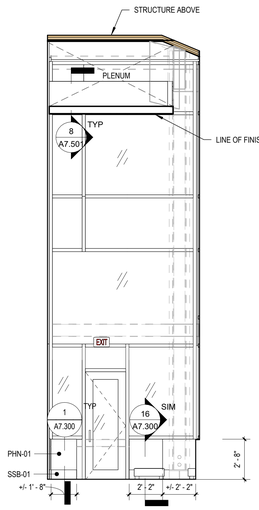
12 VESTIBULE 105 - NORTH
1/4" = 1'-0"



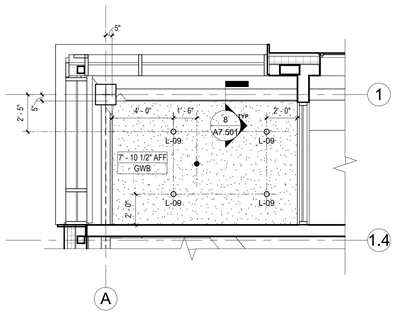
11 VESTIBULE 105 - EAST
1/4" = 1'-0"



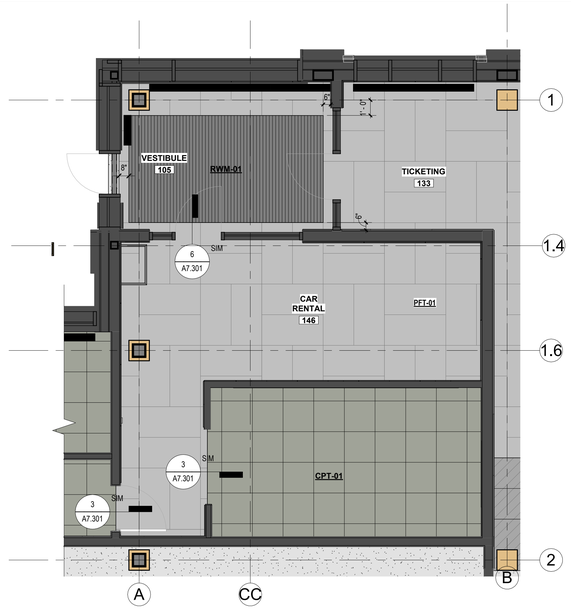
10 VESTIBULE 105 - SOUTH
1/4" = 1'-0"



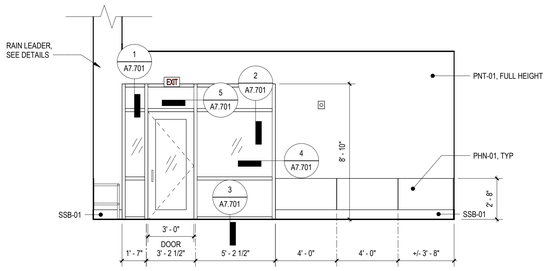
9 VESTIBULE 105 - WEST
1/4" = 1'-0"



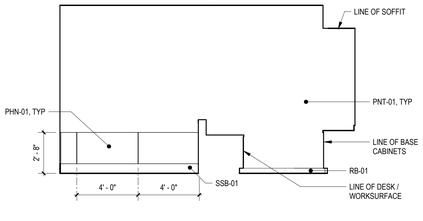
4 ENLARGED RCP - VESTIBULE 105 HIGH CLG (LEVEL 2)
1/4" = 1'-0"



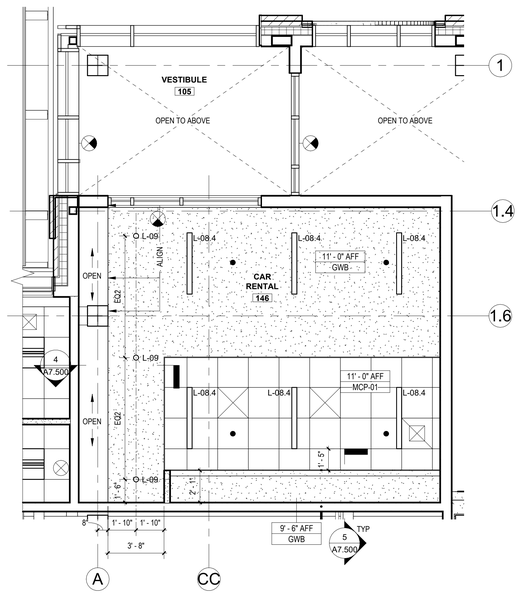
3 ENLARGED FINISH PLAN - CAR RENTAL
1/4" = 1'-0"



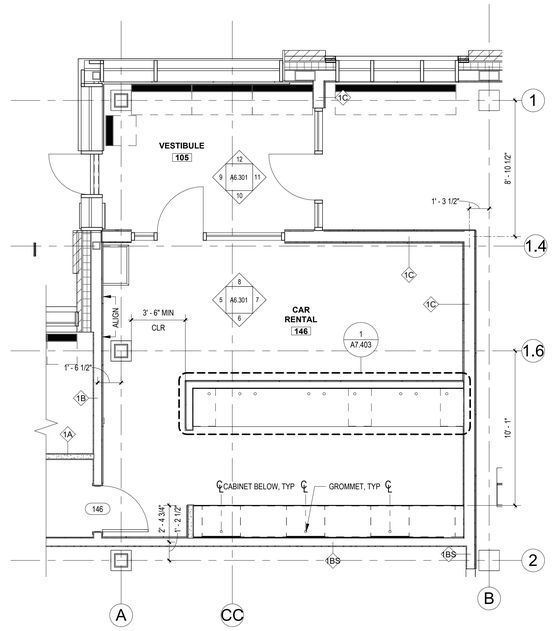
8 CAR RENTAL - NORTH
1/4" = 1'-0"



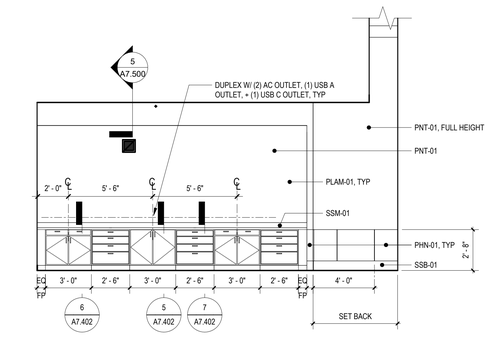
7 CAR RENTAL - EAST
1/4" = 1'-0"



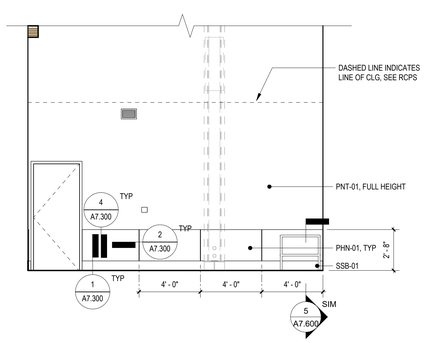
2 ENLARGED RCP - CAR RENTAL (LEVEL 1)
1/4" = 1'-0"



1 ENLARGED PLAN - CAR RENTAL
1/4" = 1'-0"



6 CAR RENTAL - SOUTH
1/4" = 1'-0"



5 CAR RENTAL - WEST
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

D. IN ELEVATIONS, EXPOSED STRUCTURE IS SHOWN TRANSPARENT, HALFTONED, AND DASHED, FOR CLARITY. REFER TO STRUCTURAL DRAWINGS FOR MORE INFO.

E. REFER TO MEP/STRUC/TELECOM/FP FOR MORE INFO.

F. PLAN DIMENSIONS ARE TO CENTER OF STUD, UNO.

G. ELEVATION DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE, UNO.

FINISH PLAN PLAN LEGEND

CARPET TILE
CPT-01

RECESSED WALK-OFF MAT
RWM-01

PORCELAIN TILE (FIELD TILE)
PFT-01

REFLECTED CEILING PLAN LEGEND

MECHANICAL DIFFUSERS

SQUARE SUPPLY & RETURN DIFFUSERS

LINEAR DIFFUSER

CEILING DEVICES

RECESSED SPRINKLER

PENDANT SPRINKLER

EXIT SIGN SUSPENED OR CEILING MOUNTED

EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

L-01
1" RECESSED LINEAR FIXTURE

L-02
TRACK LIGHT FIXTURE, BLACK

L-03
PENDANT FIXTURE, BLACK

L-04
4" SLOPED DOWNLIGHT

L-05
ASYMMETRICAL UP-LIGHT FIXTURE

L-06
WALL WASH STRIP FIXTURE

L-07
2x2 BASKET-STYLE TROFFER

L-08 (A, B, & C)
4" RECESSED LINEAR FIXTURE

L-09
4" DOWNLIGHT

L-10
TRACK LIGHT FIXTURE, WHITE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - RENTAL CAR

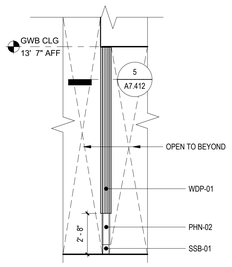
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

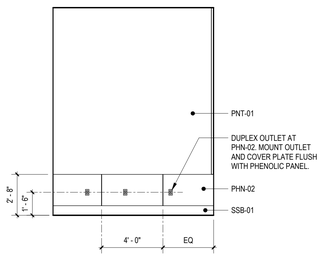
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

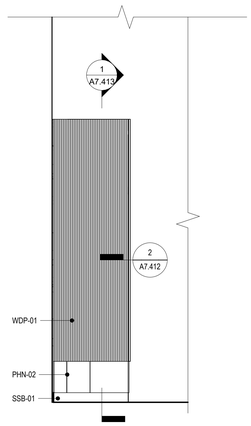
SHEET NUMBER:
A6.301



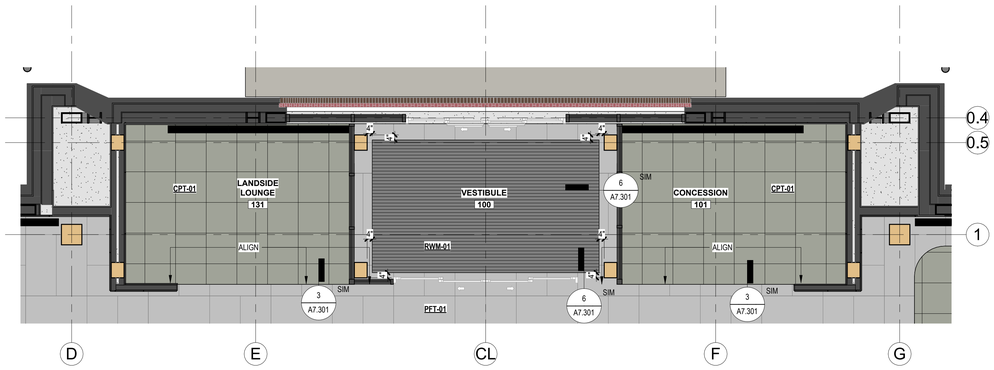
8 ELEVATION AT LANDSIDE LOUNGE WING WALL
1/4" = 1'-0"



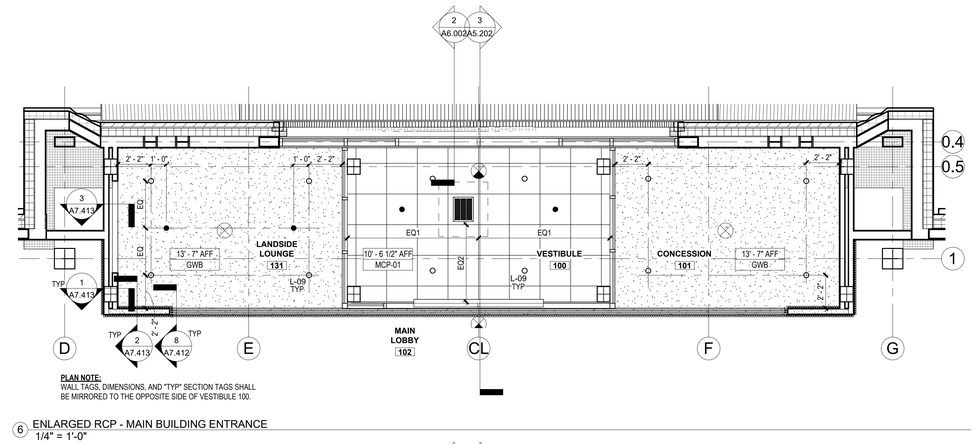
5 ELEVATION AT CONCESSION 101 - EAST
1/4" = 1'-0"



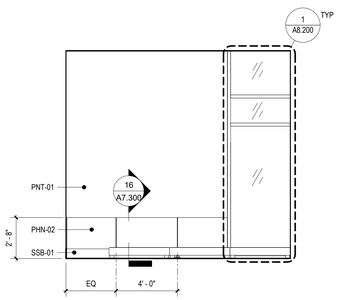
9 ELEVATION AT LANDSIDE LOUNGE 131 - WEST 2
1/4" = 1'-0"



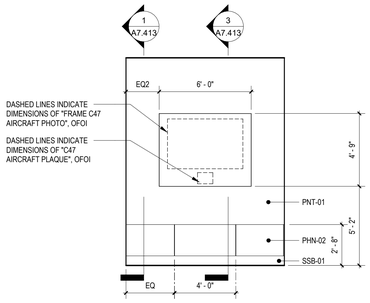
7 ENLARGED FLOOR FINISH PLAN - MAIN ENTRANCE
1/4" = 1'-0"



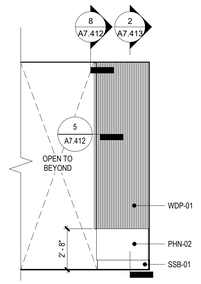
6 ENLARGED RCP - MAIN BUILDING ENTRANCE
1/4" = 1'-0"



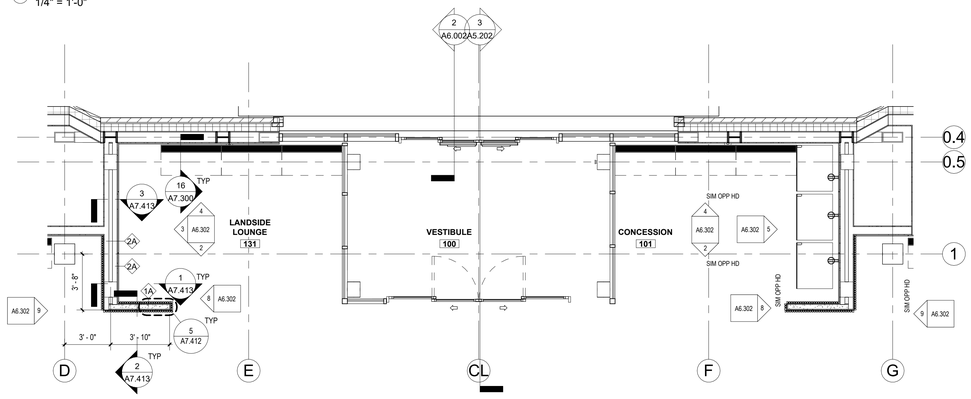
4 ELEVATION AT LANDSIDE LOUNGE 131 - NORTH
1/4" = 1'-0"



3 ELEVATION AT LANDSIDE LOUNGE 131 - WEST 1
1/4" = 1'-0"



2 ELEVATION AT LANDSIDE LOUNGE 131 - SOUTH
1/4" = 1'-0"



1 ENLARGED PLAN - LANDSIDE LOUNGE
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

D. IN ELEVATIONS, EXPOSED STRUCTURE IS SHOWN TRANSPARENT, HALFTONED, AND DASHED, FOR CLARITY. REFER TO STRUCTURAL DRAWINGS FOR MORE INFO.

E. REFER TO MEP/STRUC/TELECOM/FP FOR MORE INFO.

F. PLAN DIMENSIONS ARE TO CENTER OF STUD, UNO.

G. ELEVATION DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE, UNO.

FINISH PLAN PLAN LEGEND

CARPET TILE
CPT-01

RECESSED WALK-OFF MAT
RWM-01

PORCELAIN TILE (FIELD TILE)
PFT-01

REFLECTED CEILING PLAN LEGEND

MECHANICAL DIFFUSERS

SQUARE SUPPLY & RETURN DIFFUSERS

LINEAR DIFFUSER

CEILING DEVICES

RECESSED SPRINKLER

PENDANT SPRINKLER

EXIT SIGN SUSPENED OR CEILING MOUNTED

EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

L-01
1" RECESSED LINEAR FIXTURE

L-02
TRACK LIGHT FIXTURE, BLACK

L-03
PENDANT FIXTURE, BLACK

L-04
4" SLOPED DOWNLIGHT

L-05
ASYMMETRICAL UP-LIGHT FIXTURE

L-06
WALL WASH STRIP FIXTURE

L-07
2x2 BASKET-STYLE TROFFER

L-08 (.4, .5, .8, & .C)
4" RECESSED LINEAR FIXTURE

L-09
4" DOWNLIGHT

L-10
TRACK LIGHT FIXTURE, WHITE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - MAIN ENTRANCE

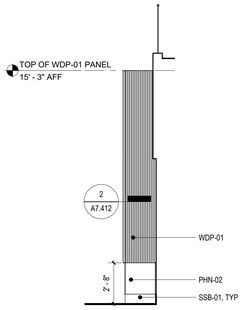
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

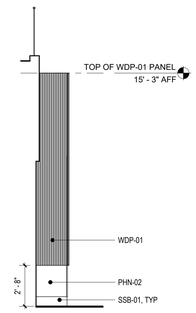
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

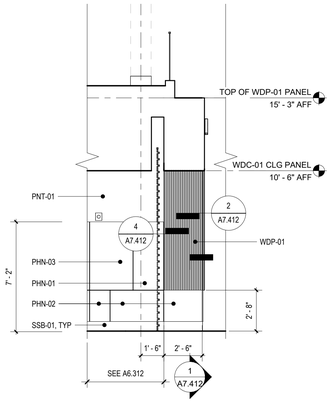
SHEET NUMBER:
A6.302



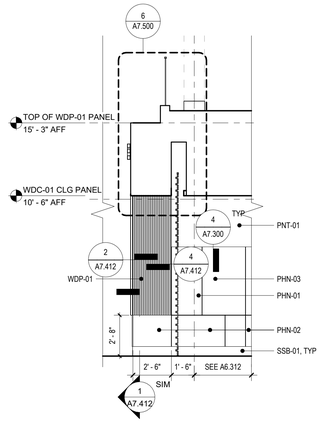
7 ELEVATION AT CHECKPOINT ENTRY PORTAL - WEST B
1/4" = 1'-0"



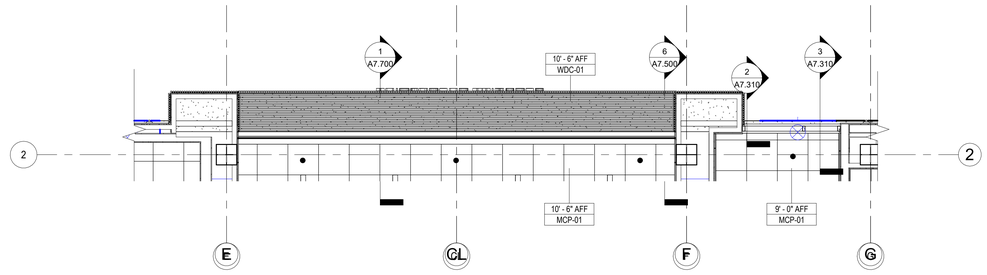
6 ELEVATION AT CHECKPOINT ENTRY PORTAL - EAST B
1/4" = 1'-0"



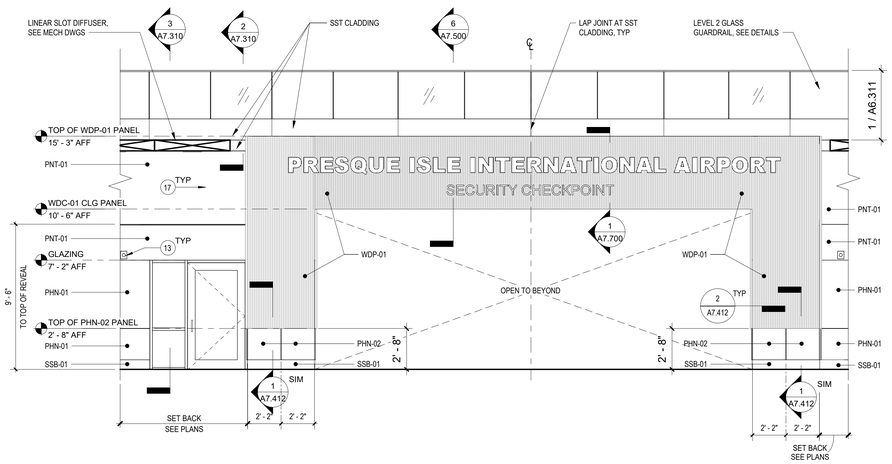
5 ELEVATION AT CHECKPOINT ENTRY PORTAL - WEST A
1/4" = 1'-0"



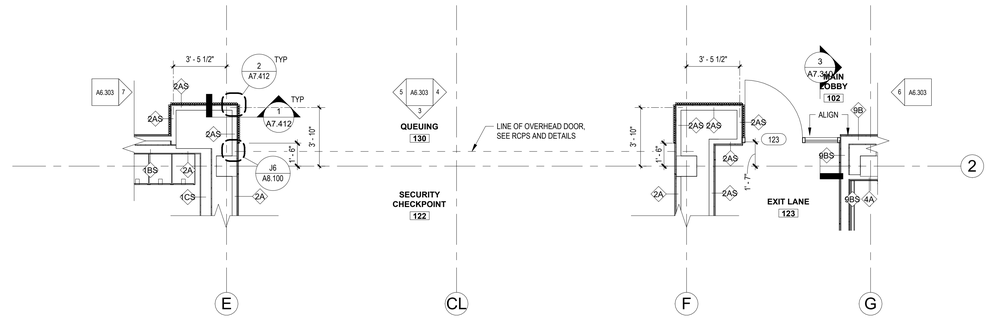
4 ELEVATION AT CHECKPOINT ENTRY PORTAL - EAST A
1/4" = 1'-0"



2 ENLARGED RCP - LANDSIDE SECURITY CHECKPOINT PORTAL
1/4" = 1'-0"



3 ELEVATION AT CHECKPOINT ENTRY PORTAL - FRONT
1/4" = 1'-0"



1 ENLARGED PLAN - CHECKPOINT ENTRY PORTAL
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

D. IN ELEVATIONS, EXPOSED STRUCTURE IS SHOWN TRANSPARENT, HALFTONED, AND DASHED, FOR CLARITY. REFER TO STRUCTURAL DRAWINGS FOR MORE INFO.

E. REFER TO MEP/STRUC/TELECOM/FP FOR MORE INFO.

F. PLAN DIMENSIONS ARE TO CENTER OF STUD, UNO.

G. ELEVATION DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE, UNO.

REFLECTED CEILING PLAN LEGEND

MECHANICAL DIFFUSERS

- SQUARE SUPPLY & RETURN DIFFUSERS
- LINEAR DIFFUSER

CEILING DEVICES

- RECESSED SPRINKLER
- PENDANT SPRINKLER
- EXIT SIGN SUSPENED OR CEILING MOUNTED
- EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

- L-01 1" RECESSED LINEAR FIXTURE
- L-02 TRACK LIGHT FIXTURE, BLACK
- L-03 PENDANT FIXTURE, BLACK
- L-04 4" SLOPED DOWNLIGHT
- L-05 ASYMMETRICAL UP-LIGHT FIXTURE
- L-06 WALL WASH STRIP FIXTURE
- L-07 2x2 BASKET-STYLE TROFFER
- L-08 (A, B, C) 4" RECESSED LINEAR FIXTURE
- L-09 4" DOWNLIGHT
- L-10 TRACK LIGHT FIXTURE, WHITE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - CHECKPOINT ENTRY PORTAL

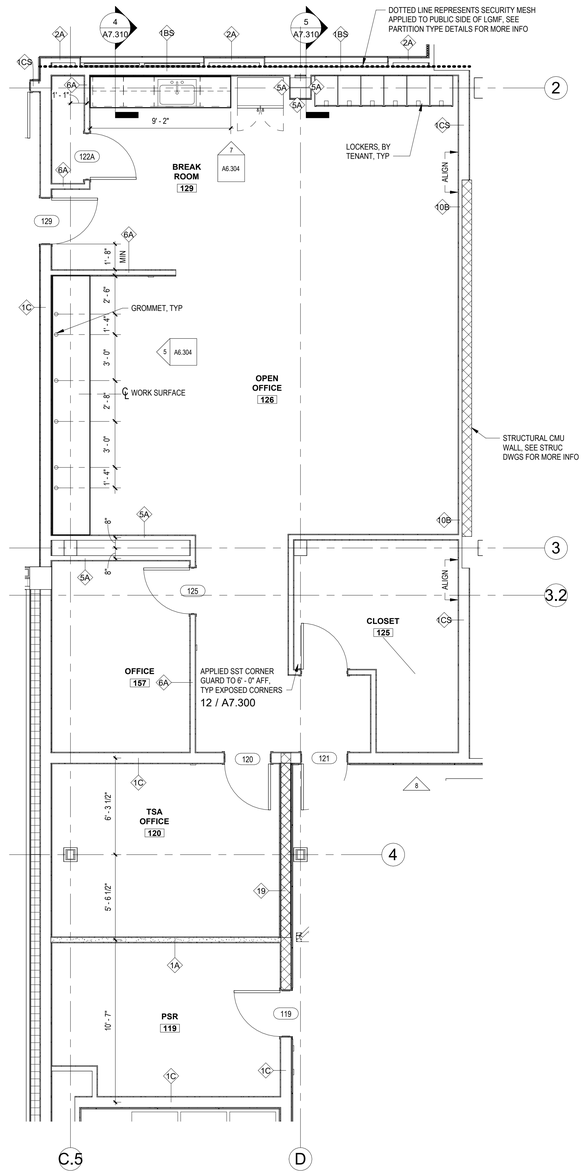
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

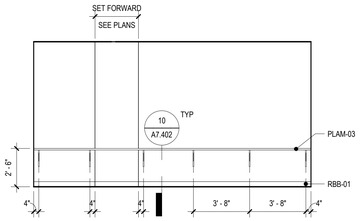
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

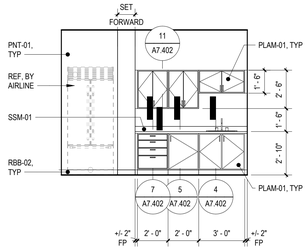
SHEET NUMBER:
A6.303



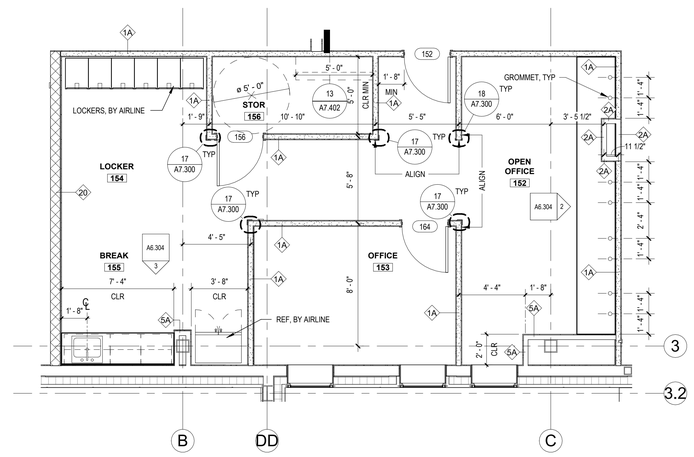
4 ENLARGED PLAN - LEVEL 1 TSA OFFICES
1/4" = 1'-0"



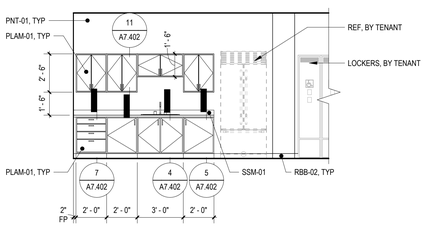
2 ELEVATION AT OPEN OFFICE 152 - WEST
1/4" = 1'-0"



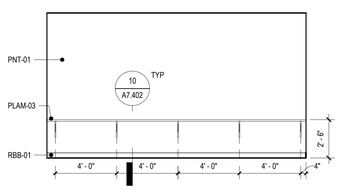
3 ELEVATION AT BREAK 155 - KITCHENETTE
1/4" = 1'-0"



1 ENLARGED PLAN - AIRLINE OFFICES
1/4" = 1'-0"



7 ELEVATION AT BREAK ROOM 129 - KITCHENETTE
1/4" = 1'-0"



5 ELEVATION AT OPEN OFFICE 126 - WEST
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

D. IN ELEVATIONS, EXPOSED STRUCTURE IS SHOWN TRANSPARENT, HALFTONED, AND DASHED, FOR CLARITY. REFER TO STRUCTURAL DRAWINGS FOR MORE INFO.

E. REFER TO MEP/STRUC/TELECOM/FP FOR MORE INFO.

F. PLAN DIMENSIONS ARE TO CENTER OF STUD, UNO.

G. ELEVATION DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE, UNO.

REFLECTED CEILING PLAN LEGEND

MECHANICAL DIFFUSERS

- SQUARE SUPPLY & RETURN DIFFUSERS
- LINEAR DIFFUSER

CEILING DEVICES

- RECESSED SPRINKLER
- PENDANT SPRINKLER
- EXIT SIGN SUSPENED OR CEILING MOUNTED
- EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

- L-01 1" RECESSED LINEAR FIXTURE
- L-02 TRACK LIGHT FIXTURE, BLACK
- L-03 PENDANT FIXTURE, BLACK
- L-04 4" SLOPED DOWNLIGHT
- L-05 ASYMMETRICAL UP-LIGHT FIXTURE
- L-06 WALL WASH STRIP FIXTURE
- L-07 2x2 BASKET-STYLE TROFFER
- L-08 (A, B, B, C) 4" RECESSED LINEAR FIXTURE
- L-09 4" DOWNLIGHT
- L-10 TRACK LIGHT FIXTURE, WHITE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - AIRLINE OFFICES

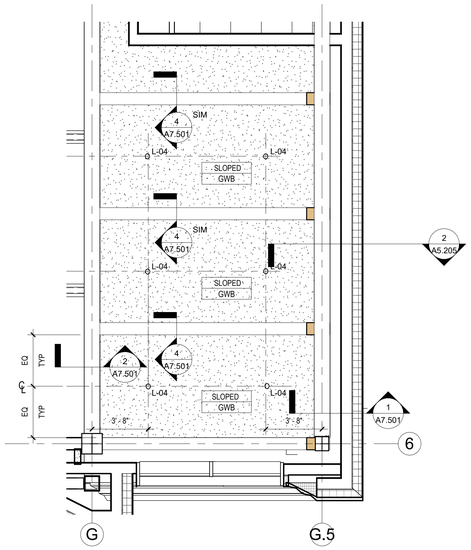
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

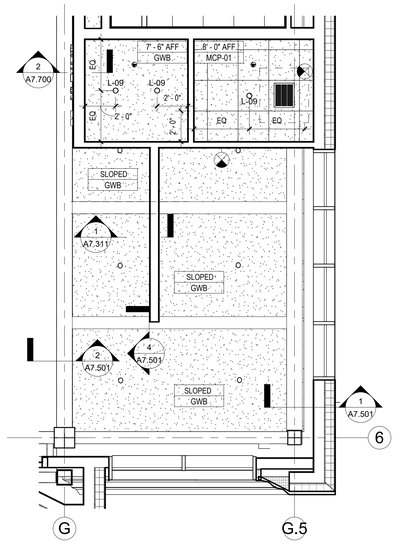
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

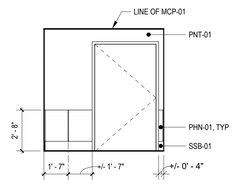
SHEET NUMBER:
A6.304



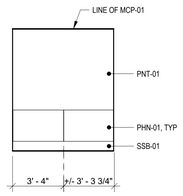
3 ENLARGED RCP - BOARDING GATE BACKDROP HIGH CEILINGS
1/4" = 1'-0"



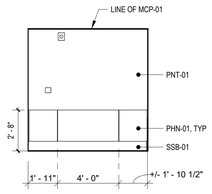
2 ENLARGED RCP - BOARDING GATE BACKDROP LOW CEILINGS
1/4" = 1'-0"



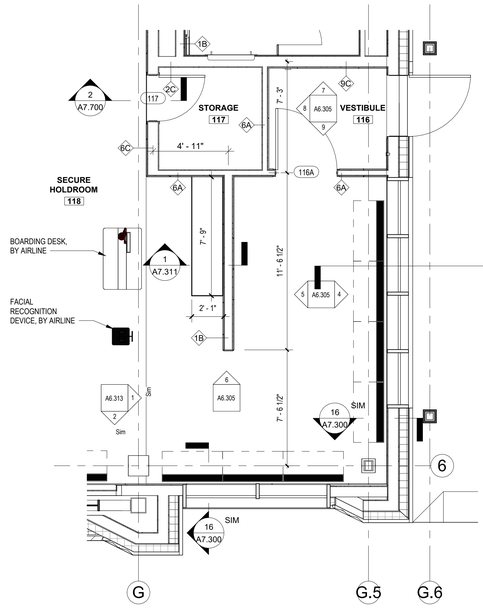
9 ELEVATION AT VESTIBULE 116 - SOUTH
1/4" = 1'-0"



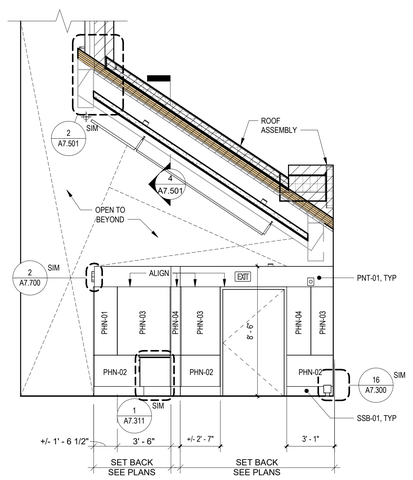
8 ELEVATION AT VESTIBULE 116 - WEST
1/4" = 1'-0"



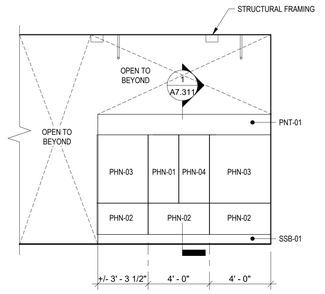
7 ELEVATION AT VESTIBULE 116 - NORTH
1/4" = 1'-0"



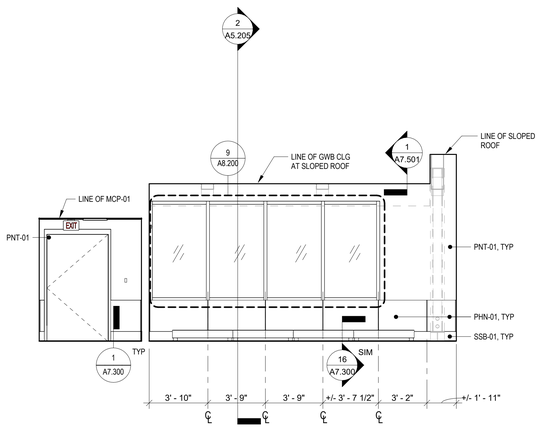
1 ENLARGED PLAN - BOARDING GATE
1/4" = 1'-0"



6 LEVEL 1 BOARDING - NORTH
1/4" = 1'-0"



5 LEVEL 1 - BOARDING - WEST
1/4" = 1'-0"



4 LEVEL 1 - BOARDING - EAST
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

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- PENDANT SPRINKLER
- EXIT SIGN SUSPENED OR CEILING MOUNTED
- EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

- L-01 1" RECESSED LINEAR FIXTURE
- L-02 TRACK LIGHT FIXTURE, BLACK
- L-03 PENDANT FIXTURE, BLACK
- L-04 4" SLOPED DOWNLIGHT
- L-05 ASYMMETRICAL UP-LIGHT FIXTURE
- L-06 WALL WASH STRIP FIXTURE
- L-07 2x2 BASKET-STYLE TROFFER
- L-08 (A, .6, .8, & .C) 4" RECESSED LINEAR FIXTURE
- L-09 4" DOWNLIGHT
- L-10 TRACK LIGHT FIXTURE, WHITE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
2 A5.205

AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - BOARDING GATE

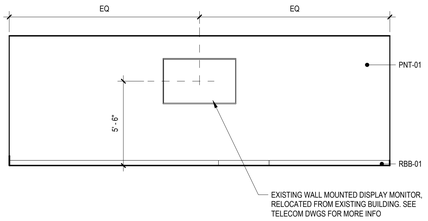
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

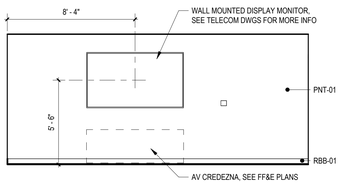
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

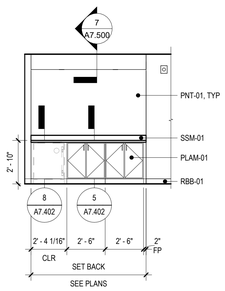
SHEET NUMBER:
A6.305



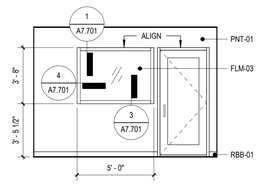
12 ELEVATION AT BOARD ROOM 215 - WEST
1/4" = 1'-0"



11 ELEVATION AT BOARD ROOM 215 - NORTH
1/4" = 1'-0"

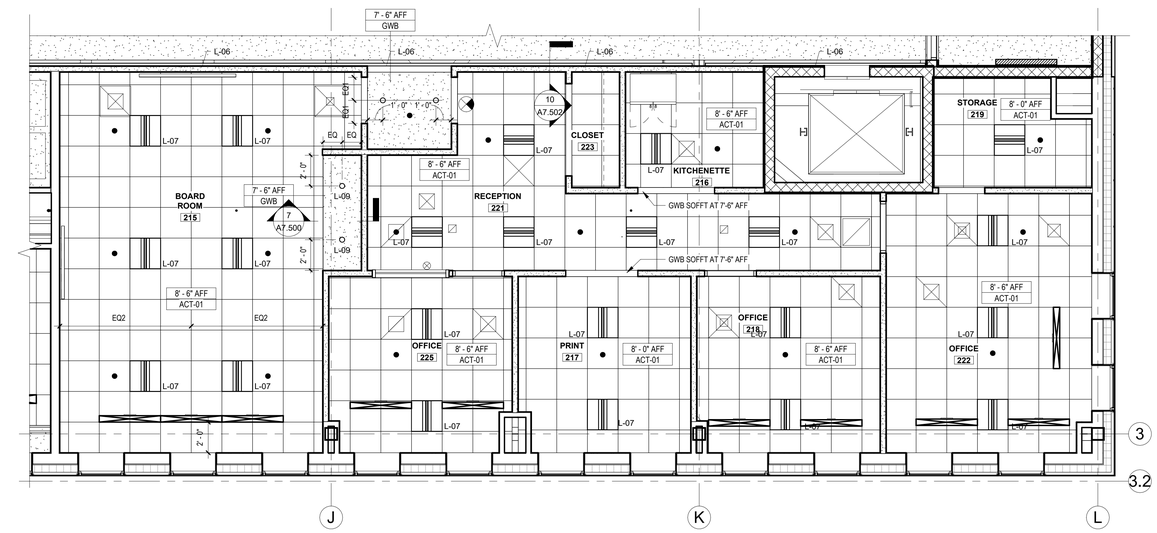


10 ELEVATION AT BOARD ROOM 215 - EAST
1/4" = 1'-0"

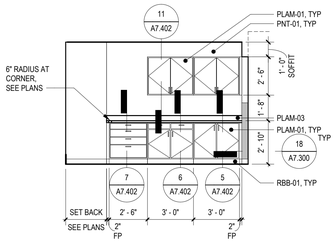


ELEVATION NOTE:
FLM-03 TO BE APPLIED SO THAT RECEPTION 221 IS VISIBLE FROM OFFICE 225

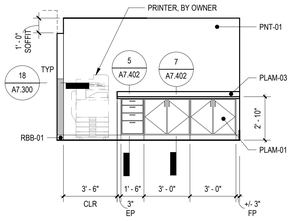
9 ELEVATION AT OFFICE 225 - NORTH
1/4" = 1'-0"



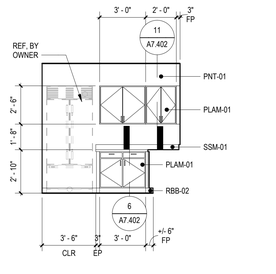
2 LEVEL 2 ENLARGED RCP - AIRPORT MANAGEMENT OFFICES
1/4" = 1'-0"



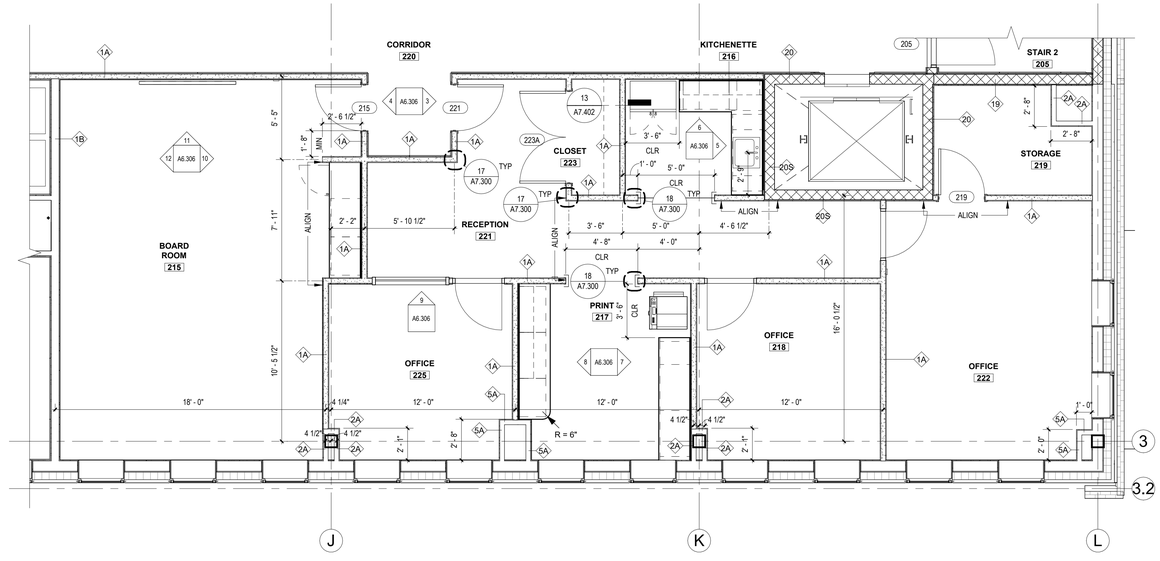
8 ELEVATION AT PRINT 217 - WEST
1/4" = 1'-0"



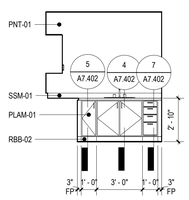
7 ELEVATION AT PRINT 217 - EAST
1/4" = 1'-0"



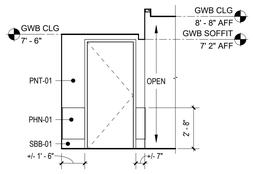
6 ELEVATION AT KITCHENETTE 216 - NORTH
1/4" = 1'-0"



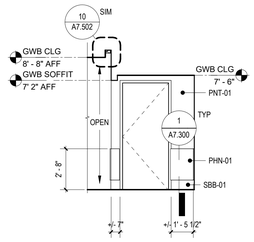
1 LEVEL 2 ENLARGED PLAN - AIRPORT MANAGEMENT OFFICES
1/4" = 1'-0"



5 ELEVATION AT KITCHENETTE 216 - EAST
1/4" = 1'-0"



4 ELEVATION AT DOOR 215 - WEST
1/4" = 1'-0"



3 ELEVATION AT DOOR 221 - EAST
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

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REFLECTED CEILING PLAN LEGEND

MECHANICAL DIFFUSERS

- SQUARE SUPPLY & RETURN DIFFUSERS
- LINEAR DIFFUSER

CEILING DEVICES

- RECESSED SPRINKLER
- PENDANT SPRINKLER
- EXIT SIGN SUSPENED OR CEILING MOUNTED
- EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

- L-01 1" RECESSED LINEAR FIXTURE
- L-02 TRACK LIGHT FIXTURE, BLACK
- L-03 PENDANT FIXTURE, BLACK
- L-04 4" SLOPED DOWNLIGHT
- L-05 ASYMMETRICAL UP-LIGHT FIXTURE
- L-06 WALL WASH STRIP FIXTURE
- L-07 2x2 BASKET-STYLE TROFFER
- L-08 (4, 5, 8, & C) 4" RECESSED LINEAR FIXTURE
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- L-10 TRACK LIGHT FIXTURE, WHITE

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - AIRPORT MANAGMENT OFFICES

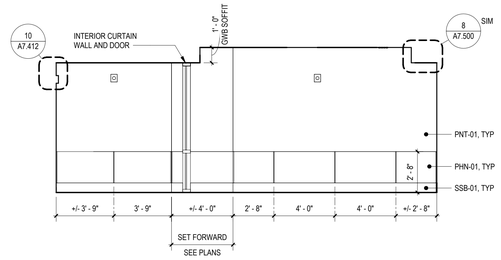
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

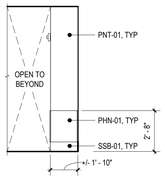
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A6.306

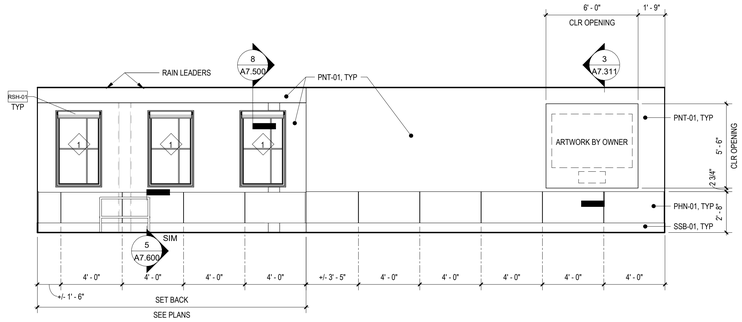


10 ELEVATION AT PASSENGER WAITING - EAST
1/4" = 1'-0"



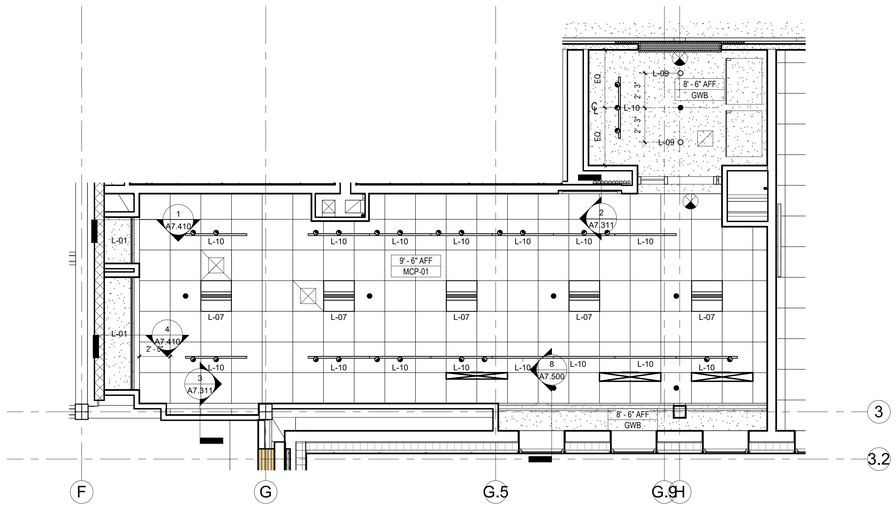
ELEVATION NOTE:
PROVIDE ADDITIONAL HORIZONTAL BLOCKING FROM 2' - 8" AFF TO FINISH CLG, ON ALL WALLS INSIDE PASSENGER WAITING, FOR FUTURE ART INSTALLATIONS

9 ELEVATION AT PASSENGER WAITING MECH SHAFT
1/4" = 1'-0"

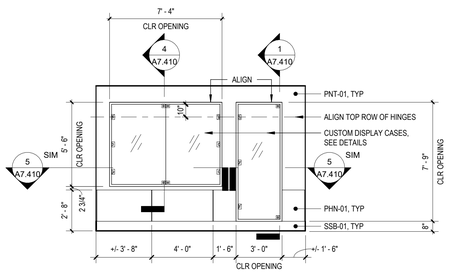


ELEVATION NOTE:
PROVIDE ADDITIONAL HORIZONTAL BLOCKING FROM 2' - 8" AFF TO FINISH CLG, ON ALL WALLS INSIDE PASSENGER WAITING, FOR FUTURE ART INSTALLATIONS

8 ELEVATION AT PASSENGER WAITING - SOUTH
1/4" = 1'-0"

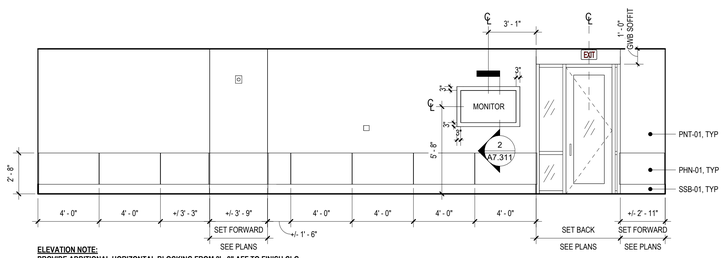


2 LEVEL 2 RCP - PASSENGER WAITING
1/4" = 1'-0"



ELEVATION NOTE:
PROVIDE ADDITIONAL HORIZONTAL BLOCKING FROM 2' - 8" AFF TO FINISH CLG, ON ALL WALLS INSIDE PASSENGER WAITING, FOR FUTURE ART INSTALLATIONS

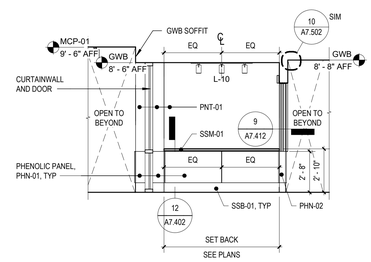
7 ELEVATION AT PASSENGER WAITING - WEST
1/4" = 1'-0"



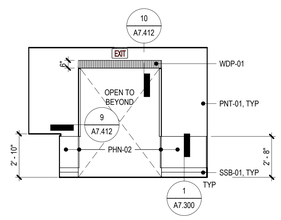
ELEVATION NOTE:
PROVIDE ADDITIONAL HORIZONTAL BLOCKING FROM 2' - 8" AFF TO FINISH CLG, ON ALL WALLS INSIDE PASSENGER WAITING, FOR FUTURE ART INSTALLATIONS

6 ELEVATION AT PASSENGER WAITING - NORTH
1/4" = 1'-0"

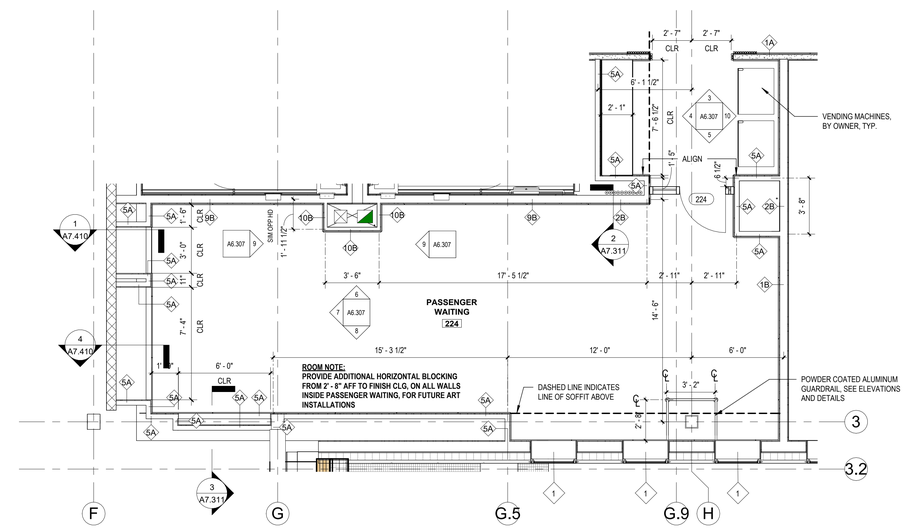
5 ELEVATION AT PASSENGER WAITING ENTRANCE - SOUTH
1/4" = 1'-0"



4 ELEVATION AT PASSENGER WAITING ENTRANCE - WEST
1/4" = 1'-0"



3 ELEVATION AT PASSENGER WAITING ENTRANCE - NORTH
1/4" = 1'-0"



1 LEVEL 2 - PASSENGER WAITING AREA
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

D. IN ELEVATIONS, EXPOSED STRUCTURE IS SHOWN TRANSPARENT, HALFTONED, AND DASHED, FOR CLARITY. REFER TO STRUCTURAL DRAWINGS FOR MORE INFO.

E. REFER TO MEP/STRUC/TELECOM/FP FOR MORE INFO.

F. PLAN DIMENSIONS ARE TO CENTER OF STUD, UNO.

G. ELEVATION DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE, UNO.

REFLECTED CEILING PLAN LEGEND

MECHANICAL DIFFUSERS

- SQUARE SUPPLY & RETURN DIFFUSERS
- LINEAR DIFFUSER

CEILING DEVICES

- RECESSED SPRINKLER
- PENDANT SPRINKLER
- EXIT SIGN SUSPENED OR CEILING MOUNTED
- EXIT SIGN WALL MOUNTED

LIGHT FIXTURES

- **L-01** 1" RECESSED LINEAR FIXTURE
- **L-02** TRACK LIGHT FIXTURE, BLACK
- **L-03** PENDANT FIXTURE, BLACK
- **L-04** 4" SLOPED DOWNLIGHT
- **L-05** ASYMMETRICAL UP-LIGHT FIXTURE
- **L-06** WALL WASH STRIP FIXTURE
- **L-07** 2x2 BASKET-STYLE TROFFER
- **L-08 (A, .5, .8, & .C)** 4" RECESSED LINEAR FIXTURE
- **L-09** 4" DOWNLIGHT
- **L-10** TRACK LIGHT FIXTURE, WHITE

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS - PASSENGER WAITING

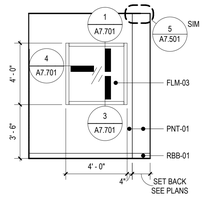
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

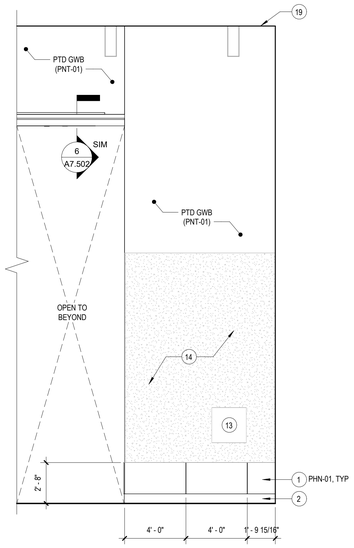
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A6.307

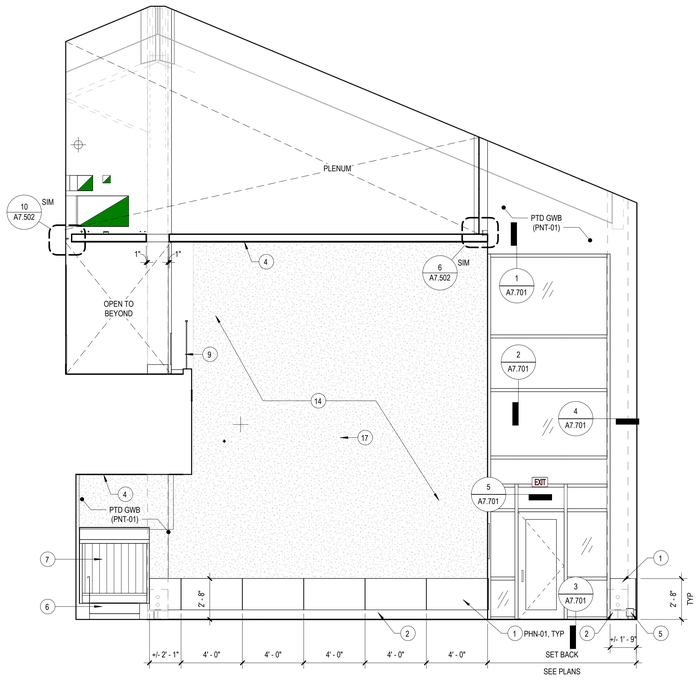


ELEVATION NOTE:
FLM-03 TO BE APPLIED SO THAT OFFICE 148 IS VISIBLE FROM OFFICE 149

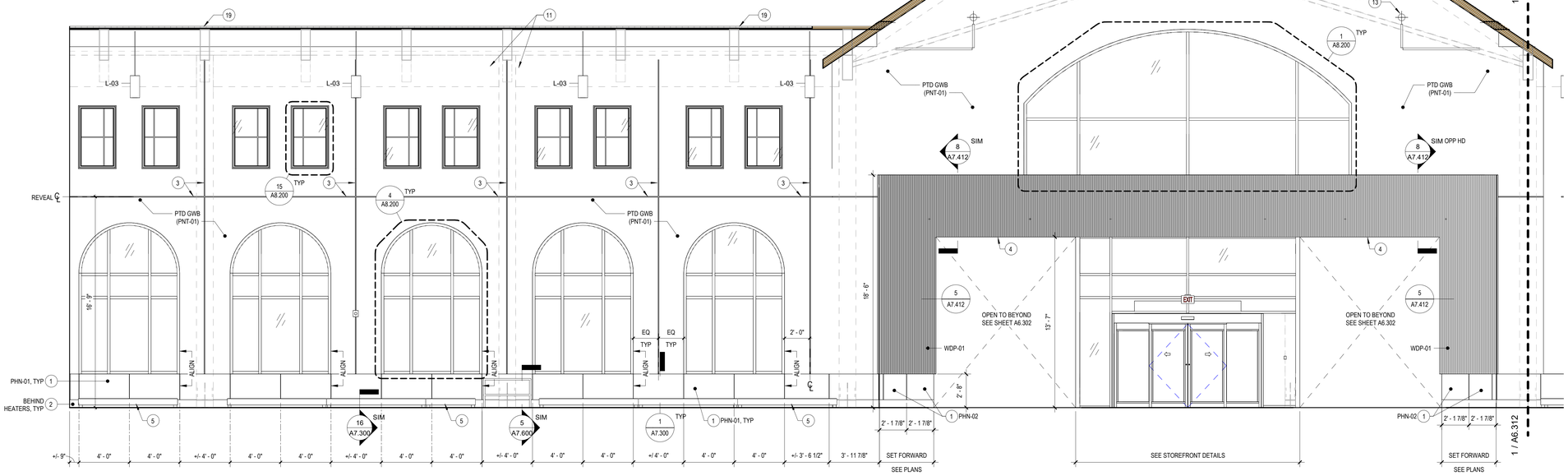
4 ELEVATION AT RENTAL CAR OFFICE 148 - WEST
1/4" = 1'-0"



3 LEVEL 1 - TICKETING - SOUTH - OUTSIDE VESTIBULE 105
1/4" = 1'-0"



2 LEVEL 1 - TICKETING - WEST
1/4" = 1'-0"



1 LEVEL 1 - MAIN LOBBY - NORTH A
1/4" = 1'-0"

SHEET NOTES

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C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

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E. REFER TO MEP/STRUC/TELECOM/FP FOR MORE INFO.

F. DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE, UNO.

KEYNOTES

1. PHENOLIC PANEL ASSEMBLY, SEE ELEVATIONS FOR FINISH
2. 8" TALL SST BASE (SSB-01)
3. 1/2" TALL x 1/2" DEEP GWB CONTROL JOINT (REVEAL)
4. LINE OF FINISHED CEILING
5. FLOOR MOUNTED HEATING UNIT, SEE DETAIL & MECH DWGS FOR MORE INFO
6. BAGGAGE HANDLING DEVICE, SEE BHS DRAWINGS
7. COORDINATE OPENINGS WITH BAGGAGE CLAIM DEVICE & OVERHEAD ROLLING DOORS. SEE BHS DRAWINGS
8. LINEAR SLOT DIFFUSER, SEE MECH DRAWINGS
9. GLASS GUARDRAIL W/ 3/8" SPACE BETWEEN GLASS PANELS, SEE DETAILS FOR MORE INFO
10. LAP JOINT AT SST CLADDING, TYP
11. RAIN LEADERS
12. 3D EXTRUDED SST SIGNAGE LETTERING, ON STANDOFFS, SEE DETAILS & SIGNAGE DWGS FOR MORE INFO.
13. SEE FIRE PROTECTION DWGS FOR MORE INFO
14. HATCH PATTERN INDICATES FULL HEIGHT SUPER-GRAPHIC ON 3M STICKER, SEE SIGNAGE
15. DISPLAY MONITORS, SEE DETAILS & TELECOM DWGS FOR MORE INFO
16. ROLL-UP DOOR, SEE DETAILS
17. SEE TELECOM DWGS FOR MORE INFO
18. INTERIOR CURTAIN WALL
19. STRUCTURE ABOVE
20. DASHED LINES INDICATE SUGGESTED LOCATIONS OF ARTWORK, BY OWNER.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED INTERIOR ELEVATIONS - LEVEL 1

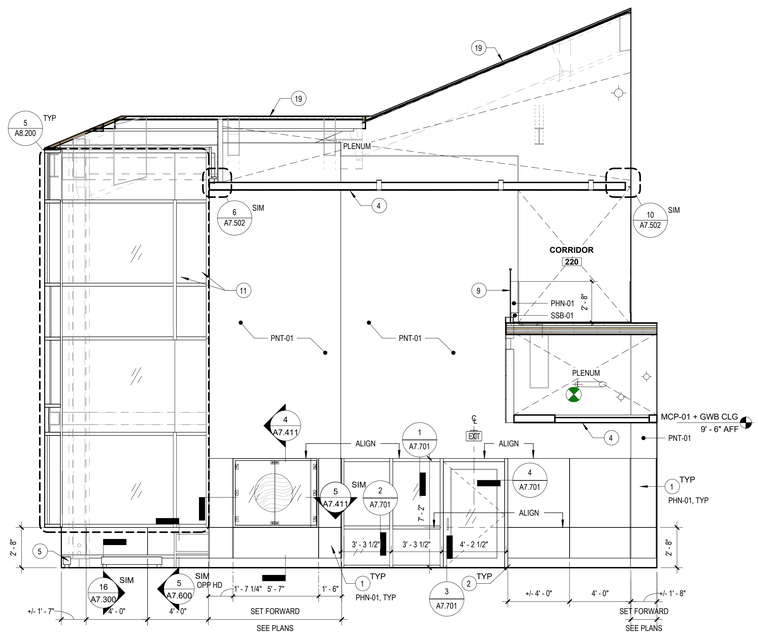
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

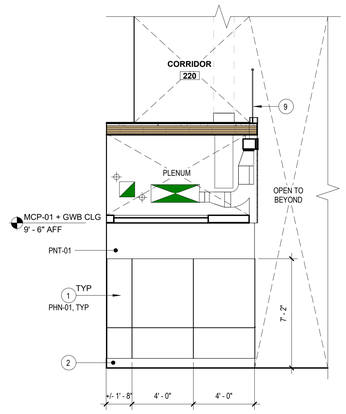
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

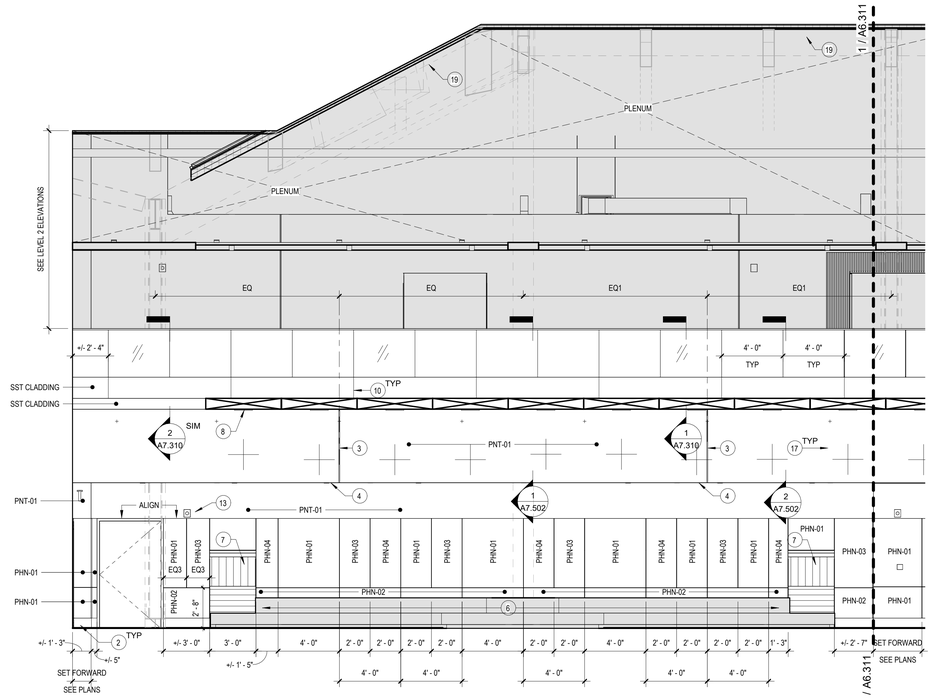
SHEET NUMBER:
A6.310



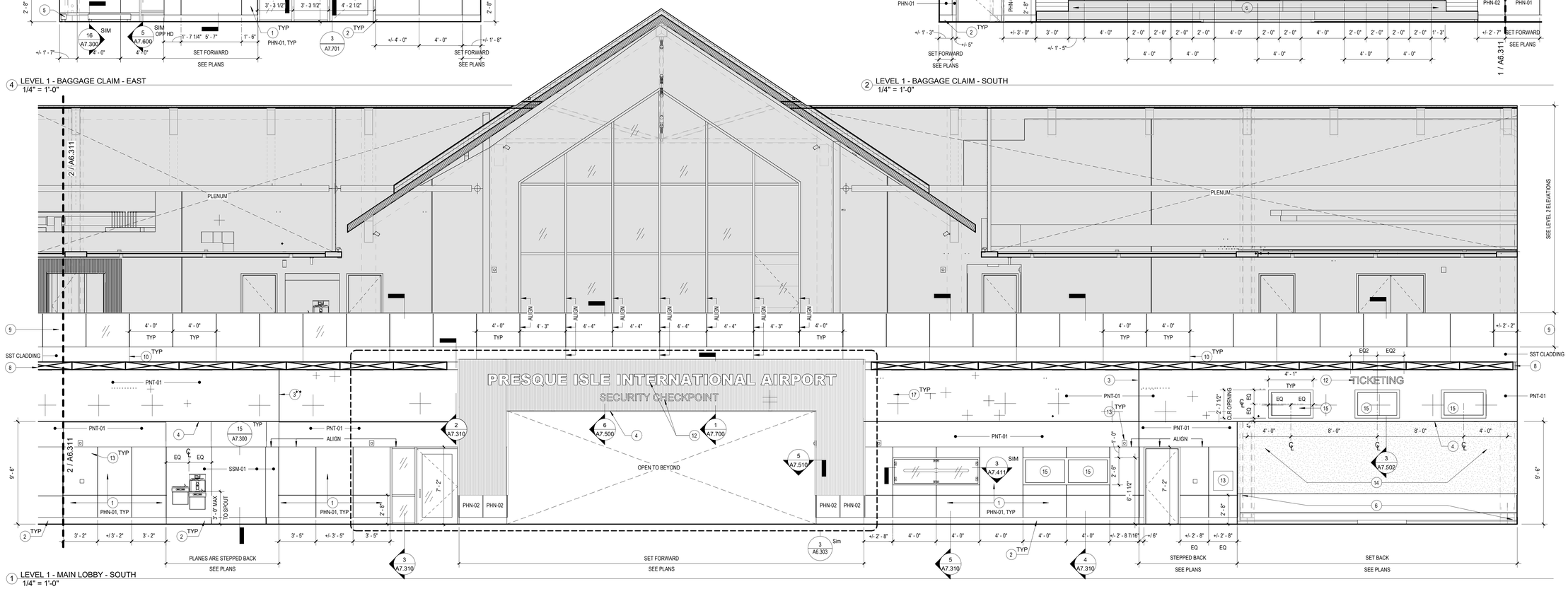
4 LEVEL 1 - BAGGAGE CLAIM - EAST
1/4" = 1'-0"



3 LEVEL 1 - BAGGAGE CLAIM - WEST
1/4" = 1'-0"



2 LEVEL 1 - BAGGAGE CLAIM - SOUTH
1/4" = 1'-0"



1 LEVEL 1 - MAIN LOBBY - SOUTH
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

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KEYNOTES

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19. STRUCTURE ABOVE
20. DASHED LINES INDICATE SUGGESTED LOCATIONS OF ARTWORK, BY OWNER.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED INTERIOR ELEVATIONS - LEVEL 1

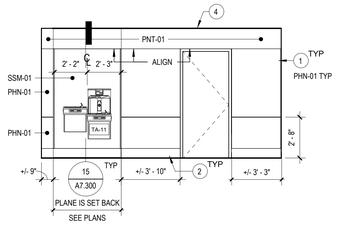
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

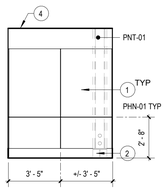
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

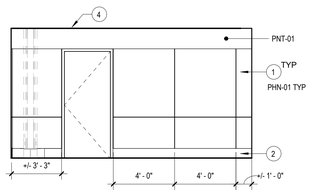
SHEET NUMBER:
A6.311



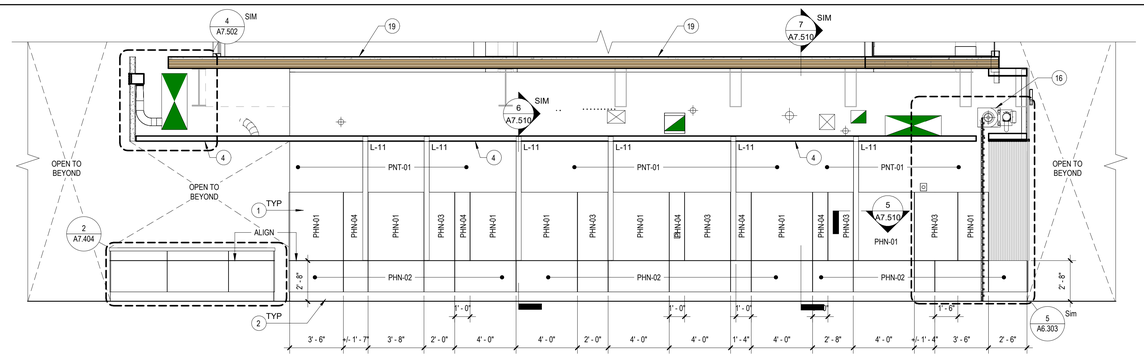
6 LEVEL 1 - AIRSIDE TOILET ROOM ENTRY - NORTH
1/4" = 1'-0"



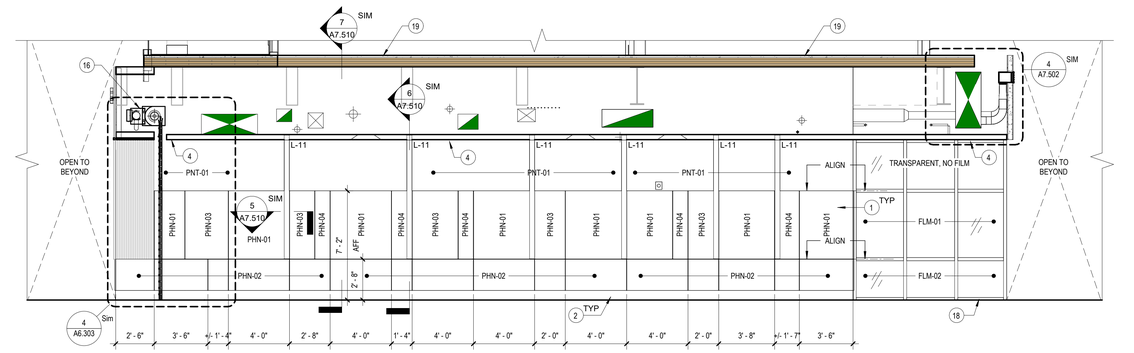
5 LEVEL 1 - AIRSIDE TOILET ROOM ENTRY - EAST
1/4" = 1'-0"



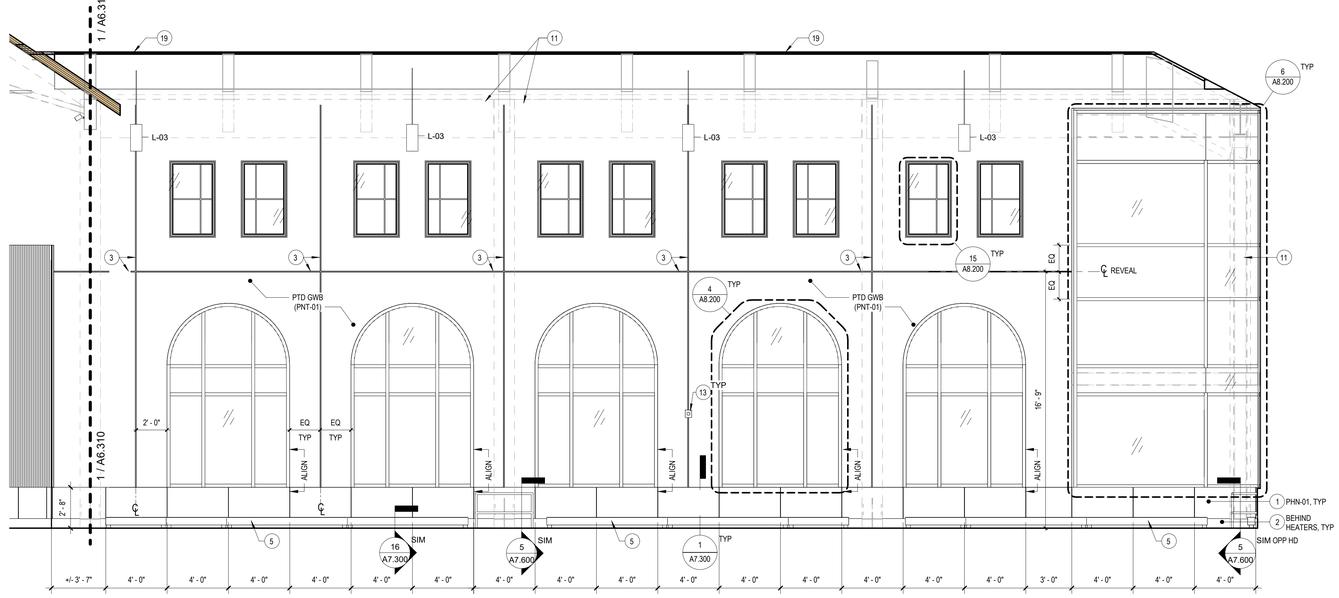
4 LEVEL 1 - AIRSIDE TOILET ROOM ENTRY - SOUTH
1/4" = 1'-0"



3 LEVEL 1 - SECURITY CHECKPOINT - WEST
1/4" = 1'-0"



2 LEVEL 1 - SECURITY CHECKPOINT - EAST
1/4" = 1'-0"



1 LEVEL 1 - MAIN LOBBY - NORTH B
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

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KEYNOTES

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20. DASHED LINES INDICATE SUGGESTED LOCATIONS OF ARTWORK, BY OWNER.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED INTERIOR ELEVATIONS - LEVEL 1

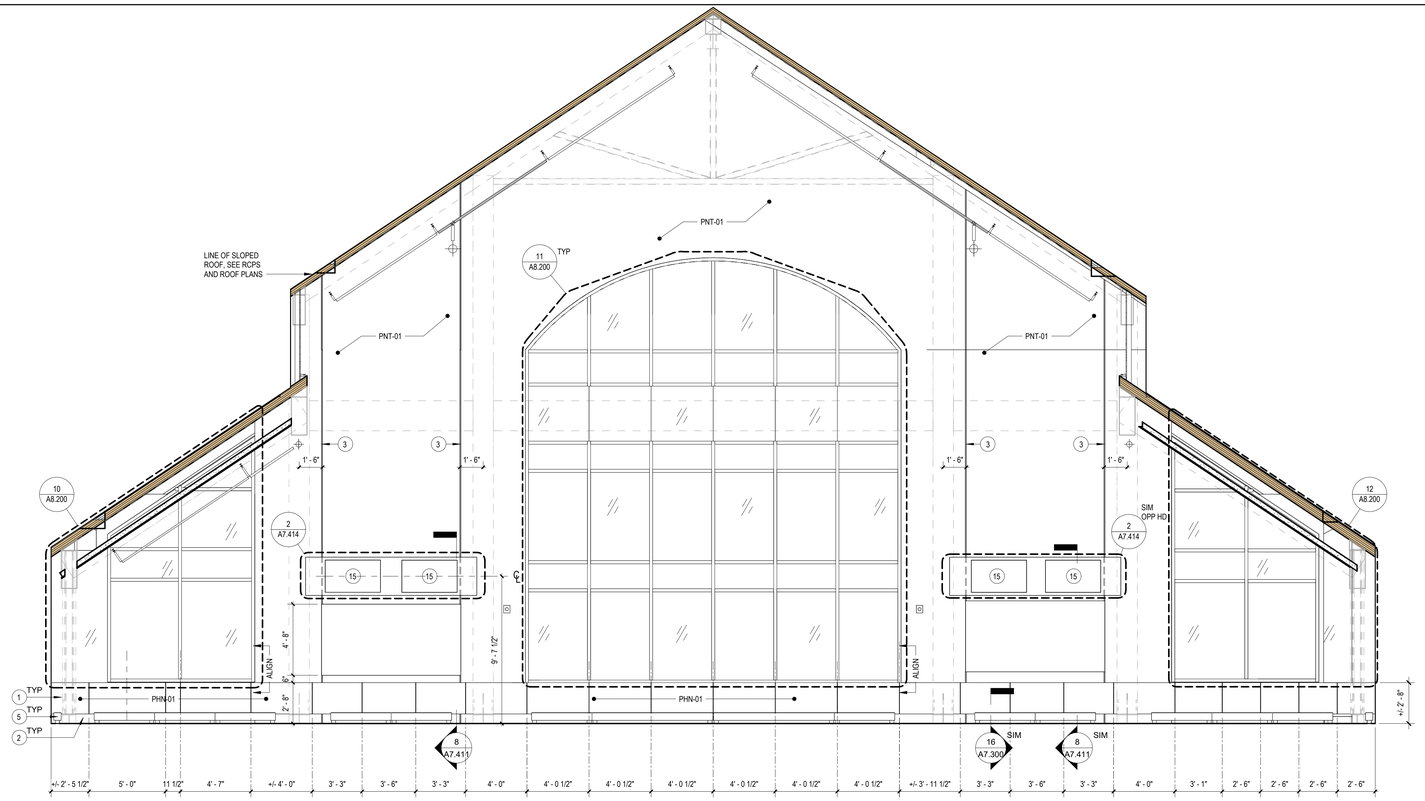
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

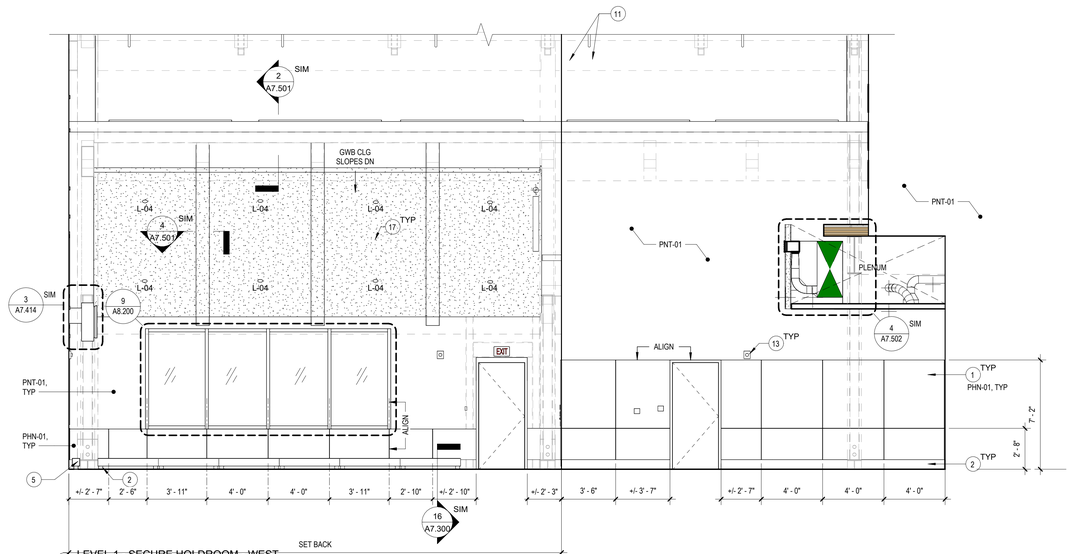
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

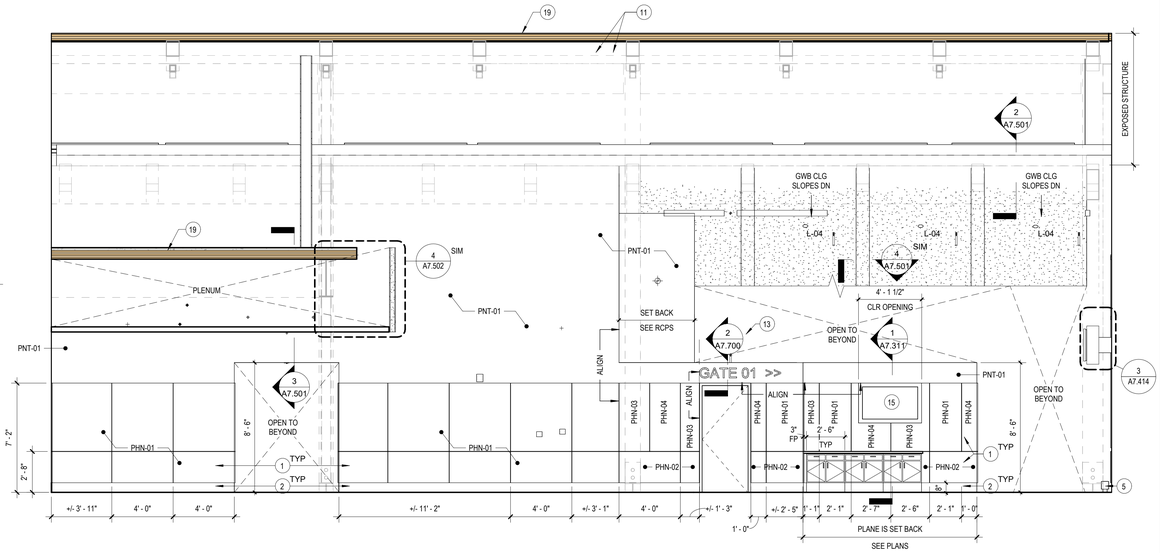
SHEET NUMBER:
A6.312



2 LEVEL 1 - SECURE HOLDROOM - SOUTH
1/4" = 1'-0"



3 LEVEL 1 - SECURE HOLDROOM - WEST
1/4" = 1'-0"



1 LEVEL 1- SECURE HOLDROOM - EAST
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

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CONSULTANT:

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60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED INTERIOR ELEVATIONS - LEVEL 1

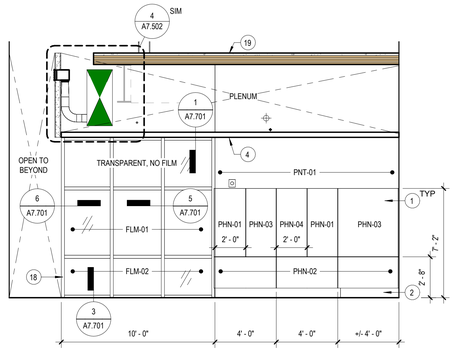
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

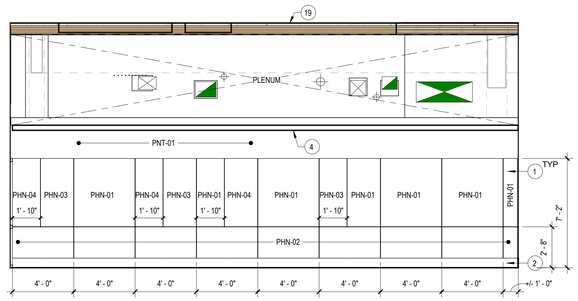
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

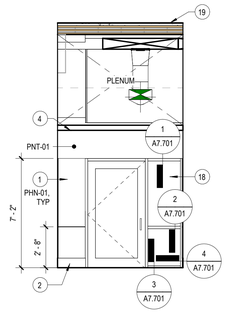
SHEET NUMBER:
A6.313



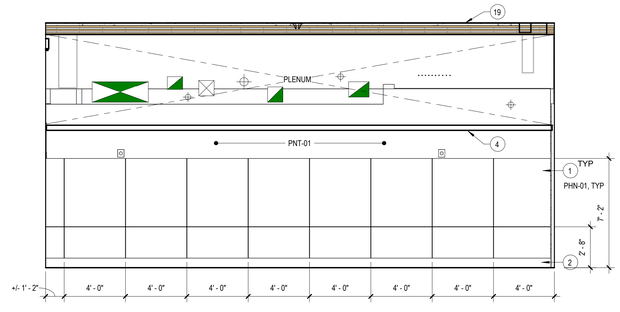
7 LEVEL 1 - EXIT LANE ENTRY - WEST
1/4" = 1'-0"



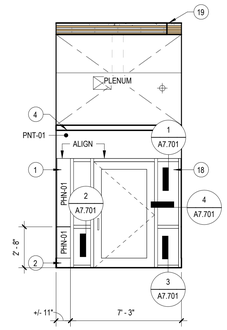
6 LEVEL 1 - EXIT LANE - WEST
1/4" = 1'-0"



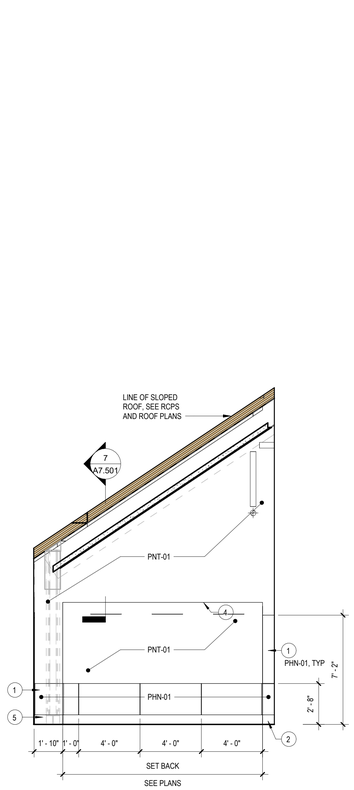
5 LEVEL 1 - EXIT LANE - NORTH
1/4" = 1'-0"



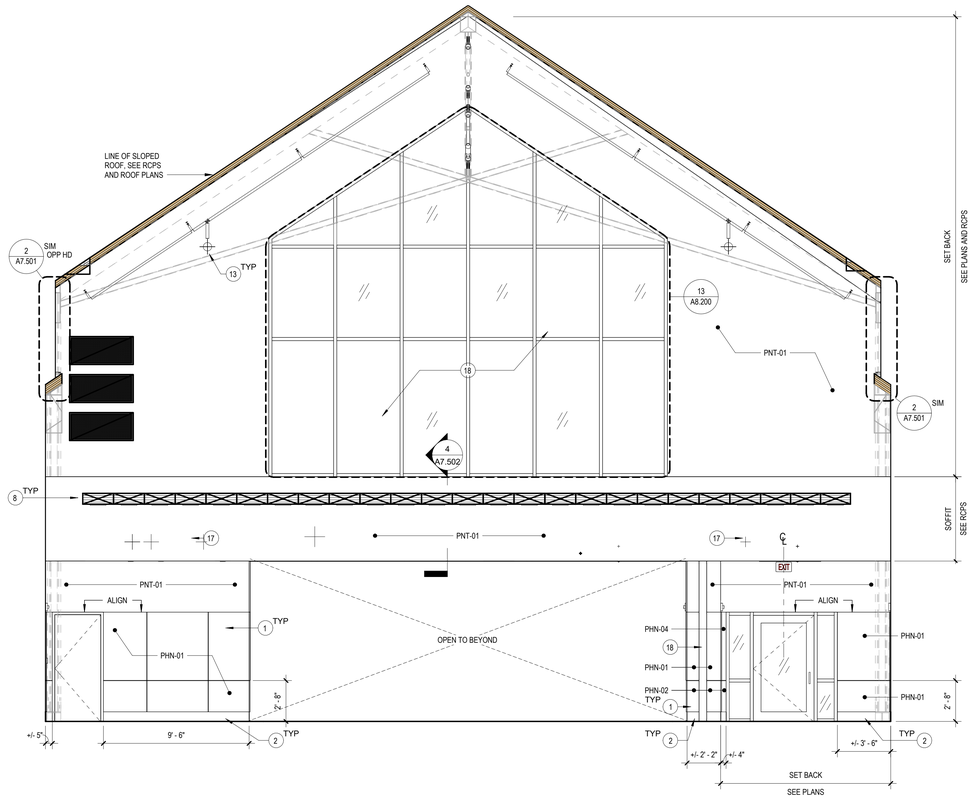
4 LEVEL 1 - EXIT LANE - EAST
1/4" = 1'-0"



3 LEVEL 1 - EXIT LANE - SOUTH
1/4" = 1'-0"



2 LEVEL 1 - AIRSIDE VENDING - NORTH
1/4" = 1'-0"



1 LEVEL 1 - SECURE HOLDROOM - NORTH
1/4" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

D. EXPOSED, MASS TIMBER, STRUCTURE IS SHOWN TRANSPARENT, HALFTONED, AND DASHED, FOR CLARITY. REFER TO STRUCTURAL DRAWINGS FOR MORE INFO.

E. REFER TO MEP/STRUC/TELECOM/FP FOR MORE INFO.

F. DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE, UNO.

KEYNOTES

1. PHENOLIC PANEL ASSEMBLY, SEE ELEVATIONS FOR FINISH
2. 8" TALL SST BASE (SSB-01)
3. 1/2" TALL x 1/2" DEEP GWB CONTROL JOINT (REVEAL)
4. LINE OF FINISHED CEILING
5. FLOOR MOUNTED HEATING UNIT, SEE DETAIL & MECH DWGS FOR MORE INFO
6. BAGGAGE HANDLING DEVICE, SEE BHS DRAWINGS
7. COORDINATE OPENINGS WITH BAGGAGE CLAIM DEVICE & OVERHEAD ROLLING DOORS. SEE BHS DRAWINGS
8. LINEAR SLOT DIFFUSER, SEE MECH DRAWINGS
9. GLASS GUARDRAIL W/ 3/8" SPACE BETWEEN GLASS PANELS, SEE DETAILS FOR MORE INFO
10. LAP JOINT AT SST CLADDING, TYP
11. RAIN LEADERS
12. 3D EXTRUDED SST SIGNAGE LETTERING, ON STANDOFFS, SEE DETAILS & SIGNAGE DWGS FOR MORE INFO.
13. SEE FIRE PROTECTION DWGS FOR MORE INFO
14. HATCH PATTERN INDICATES FULL HEIGHT SUPER-GRAPHIC ON 3M STICKER, SEE SIGNAGE
15. DISPLAY MONITORS, SEE DETAILS & TELECOM DWGS FOR MORE INFO
16. ROLL-UP DOOR, SEE DETAILS
17. SEE TELECOM DWGS FOR MORE INFO
18. INTERIOR CURTAIN WALL
19. STRUCTURE ABOVE
20. DASHED LINES INDICATE SUGGESTED LOCATIONS OF ARTWORK, BY OWNER.

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED INTERIOR ELEVATIONS - LEVEL 1

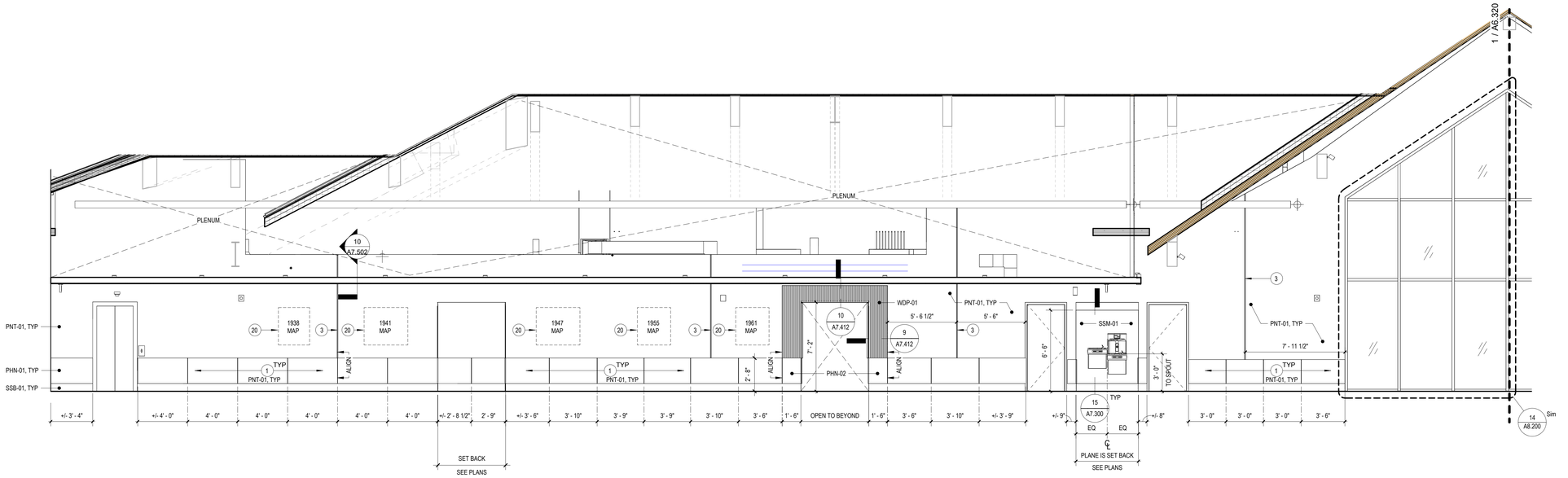
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

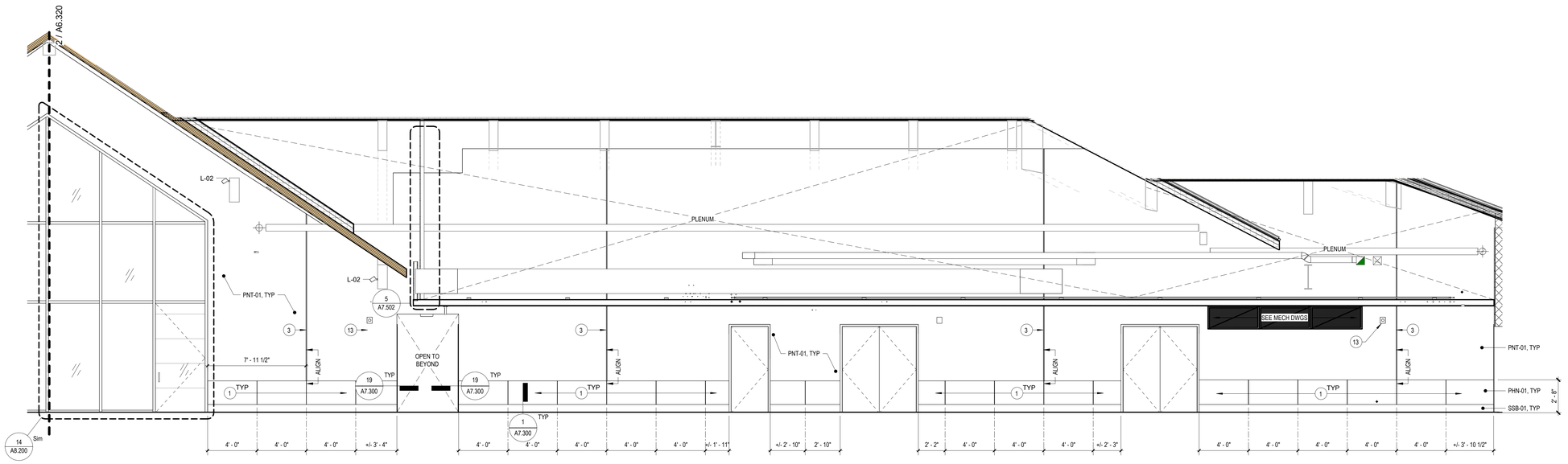
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A6.314



2 LEVEL 2 - CORRIDOR - SOUTH A
1/4" = 1'-0"



1 LEVEL 2 - CORRIDOR - SOUTH B
1/4" = 1'-0"

SHEET NOTES

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B. REFER TO THE ENLARGED PLANS FOR MORE INFO.

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PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED INTERIOR ELEVATIONS - LEVEL 2

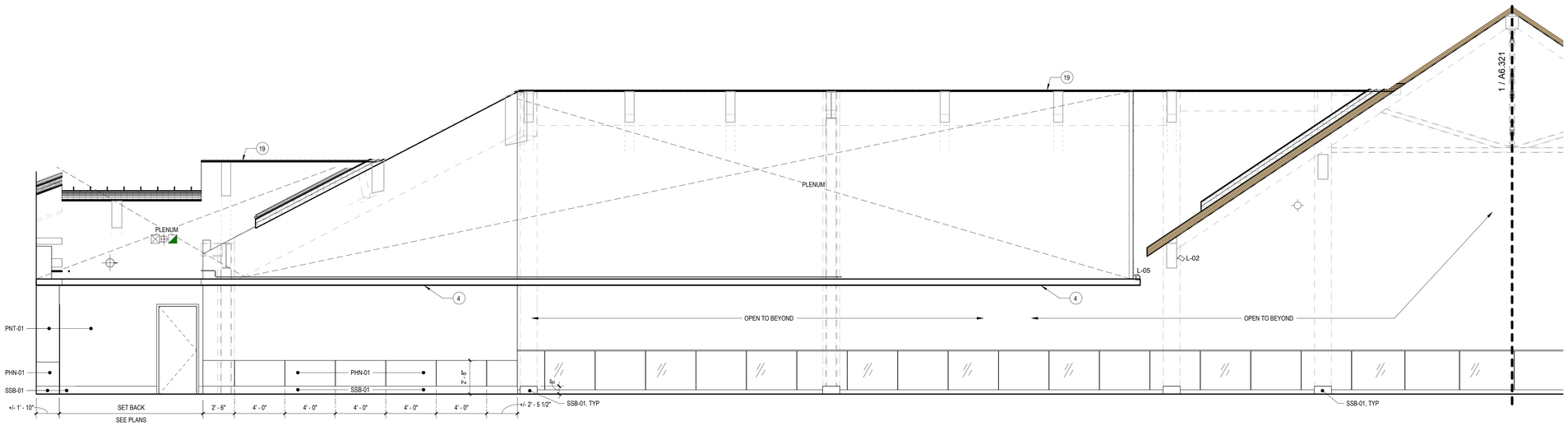
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

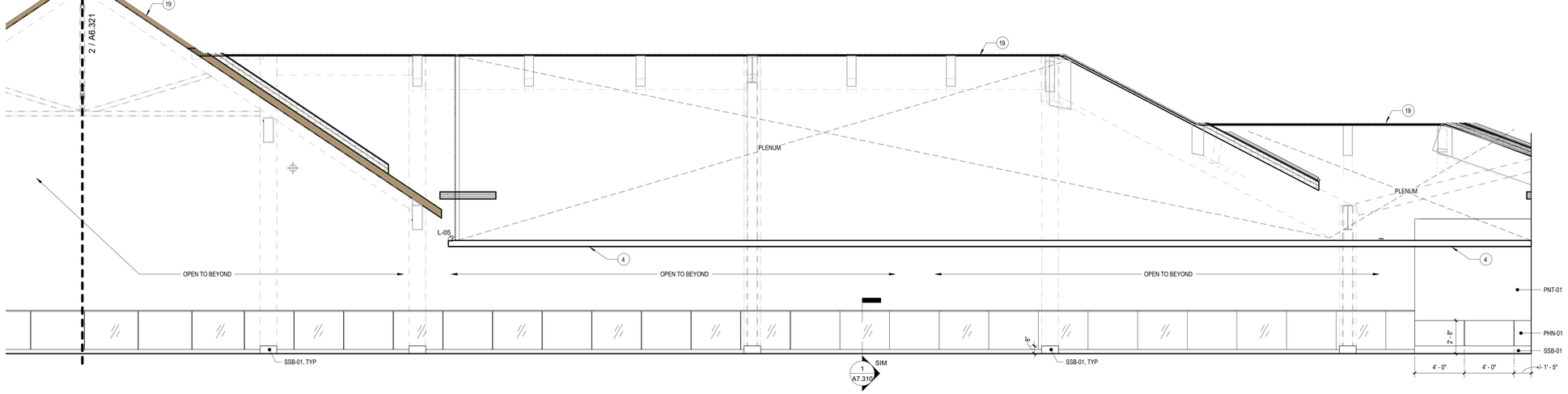
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A6.320



2 LEVEL 2 - CORRIDOR - NORTH B
1/4" = 1'-0"



1 LEVEL 2 - CORRIDOR - NORTH A
1/4" = 1'-0"

SHEET NOTES

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PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED INTERIOR ELEVATIONS - LEVEL 2

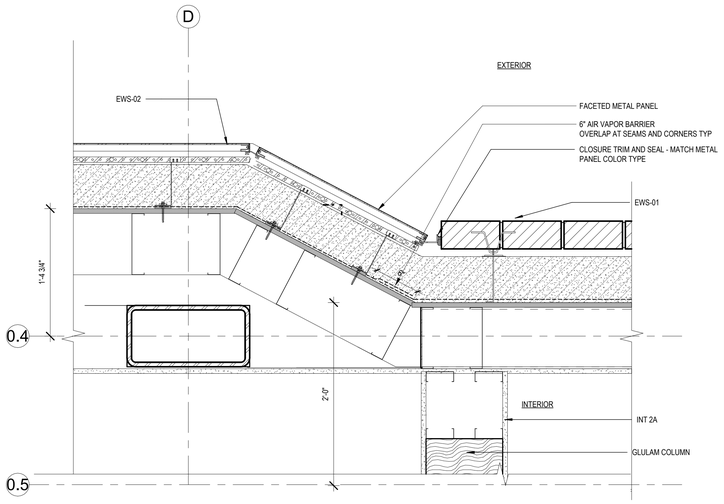
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

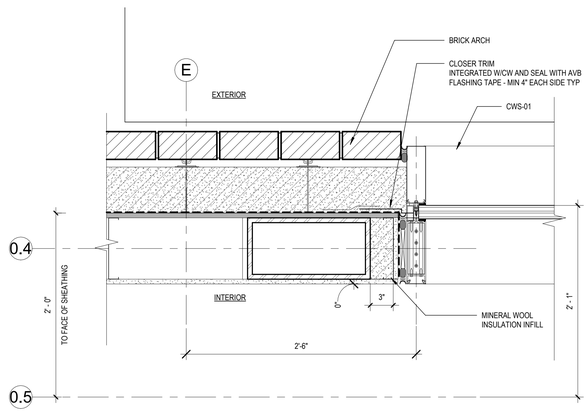
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

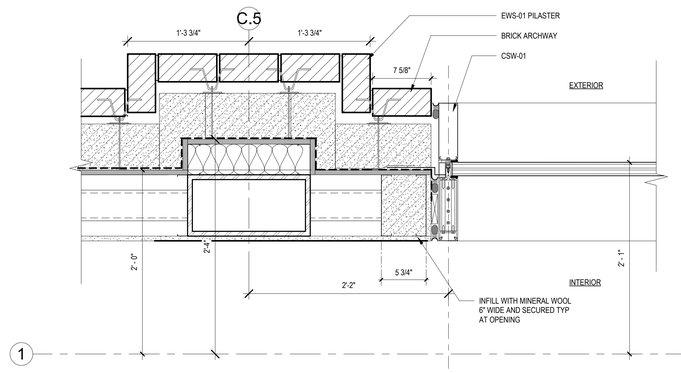
SHEET NUMBER:
A6.321



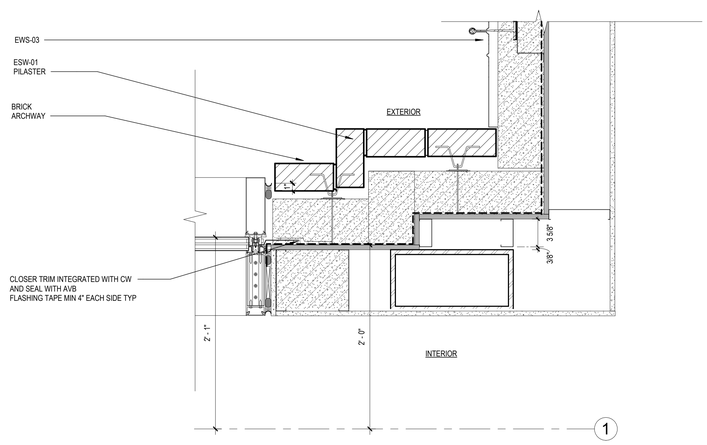
1 DETAIL AT BRICK AND STANDING SEAM METAL PANEL
1 1/2" = 1'-0"



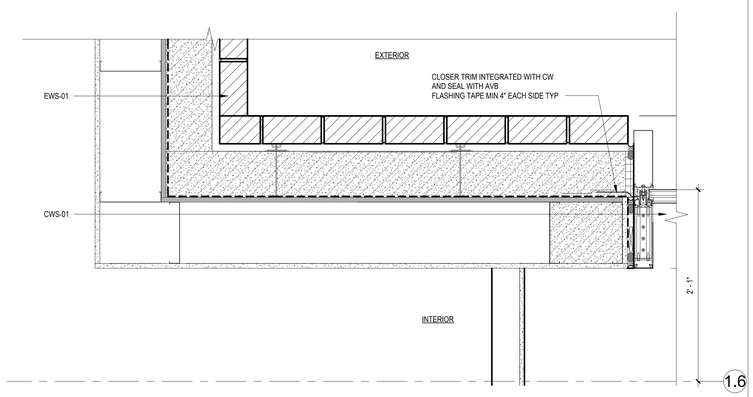
2 DETAIL AT ENTRY CURTAIN WALL AND BRICK
1 1/2" = 1'-0"



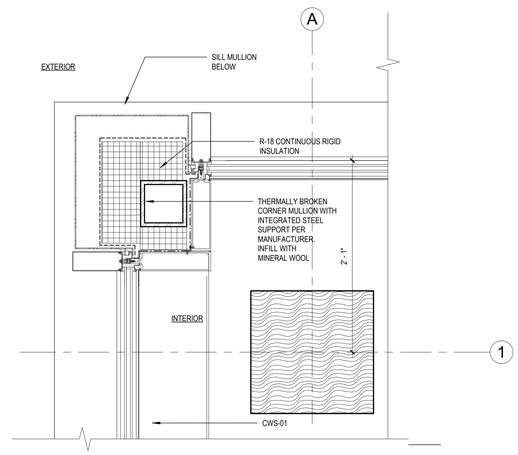
3 DETAIL AT BRICK PILASTER AND WINDOW
1 1/2" = 1'-0"



4 DETAIL AT STANDING SEAM METAL PANEL BRICK AND WINDOW
1 1/2" = 1'-0"



5 DETAIL AT BRICK AND CURTAIN WALL AT CORNER
1 1/2" = 1'-0"



6 DETAIL AT CURTAIN WALL CORNER
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR PLAN DETAILS - LEVEL 1

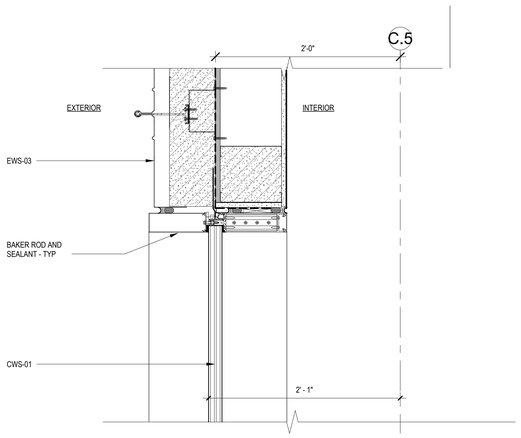
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

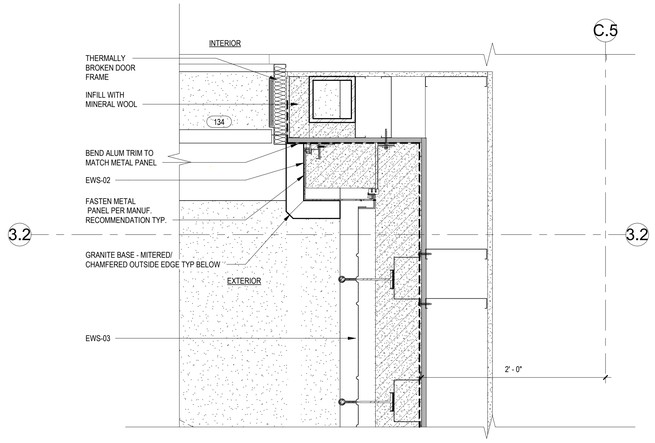
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

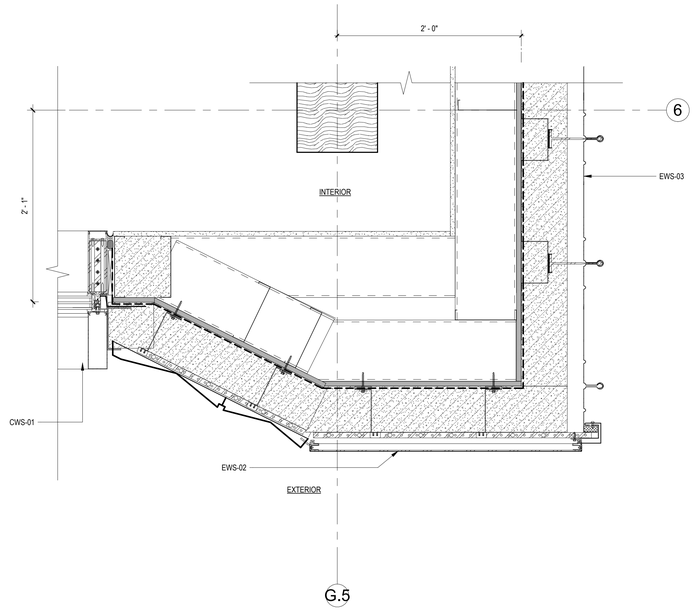
SHEET NUMBER:
A7.100



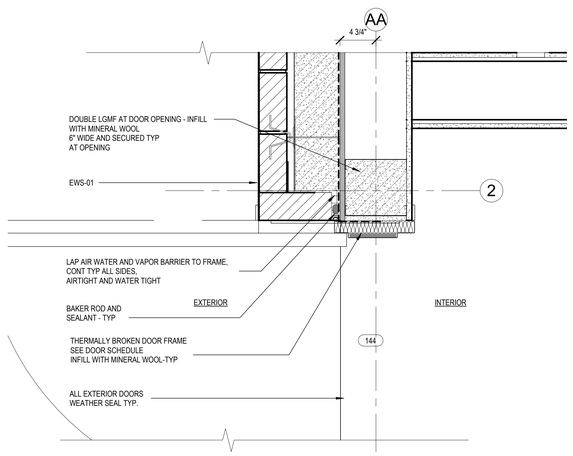
1 DETAIL AT STANDING SEAM AND CURTAIN WALL
1 1/2" = 1'-0"



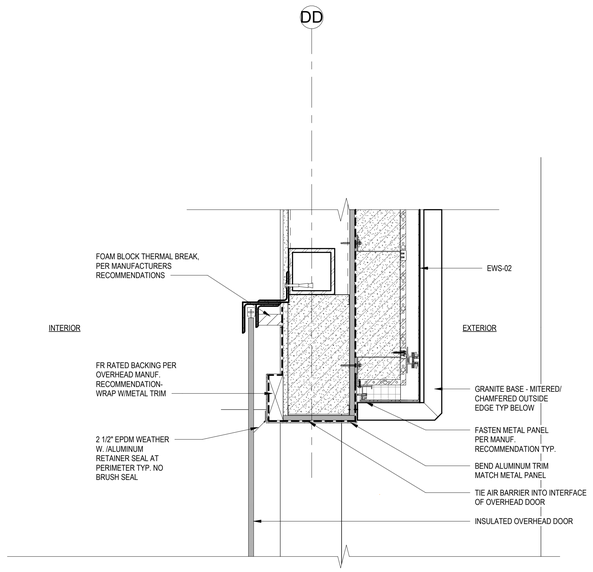
2 DETAIL AT HM DOOR AND STANDING SEAM CORNER AT BRICK
1 1/2" = 1'-0"



3 DETAIL AT STANDING SEAM AND CURTAIN WALL
1 1/2" = 1'-0"



4 DETAIL AT HM DOOR AND BRICK
1 1/2" = 1'-0"



5 DETAIL AT BRICK AND OVERHEAD DOOR
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
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BID DOCUMENTS

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STATE OF MAINE

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REVISIONS:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR PLAN DETAILS - LEVEL 1
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
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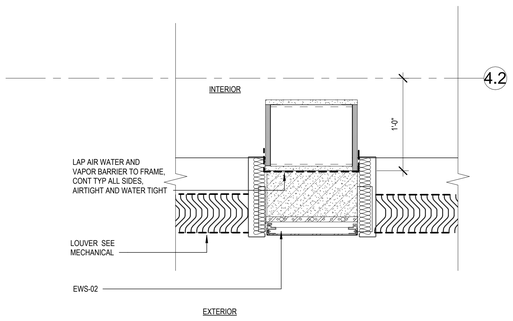
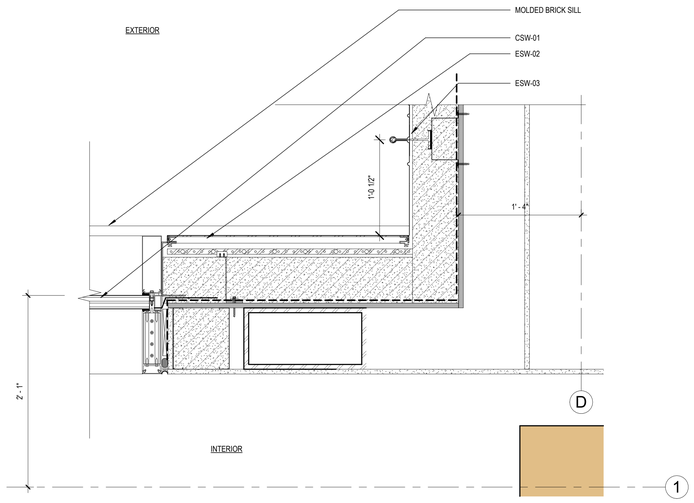
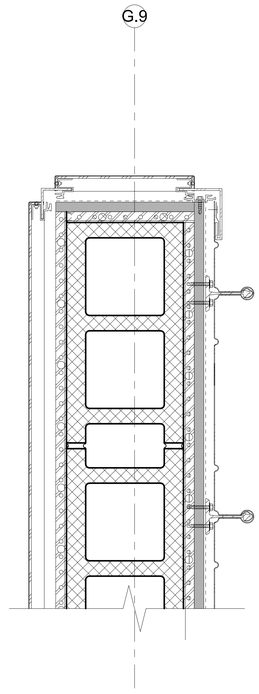
SHEET NUMBER:
A7.101



1 L2 DETAIL AT CONDENSER ROOM LOUVER IN METAL PANEL
1 1/2" = 1'-0"



2 L2 DETAIL AT LEVEL 2 CURTAIN WALL AND METAL PANEL
1 1/2" = 1'-0"



3 PLAN DETAIL - GATE WALKWAY WALL
3" = 1'-0"

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AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR PLAN DETAILS - LEVEL 2

BID DOCUMENTS

DISCIPLINE:
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DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

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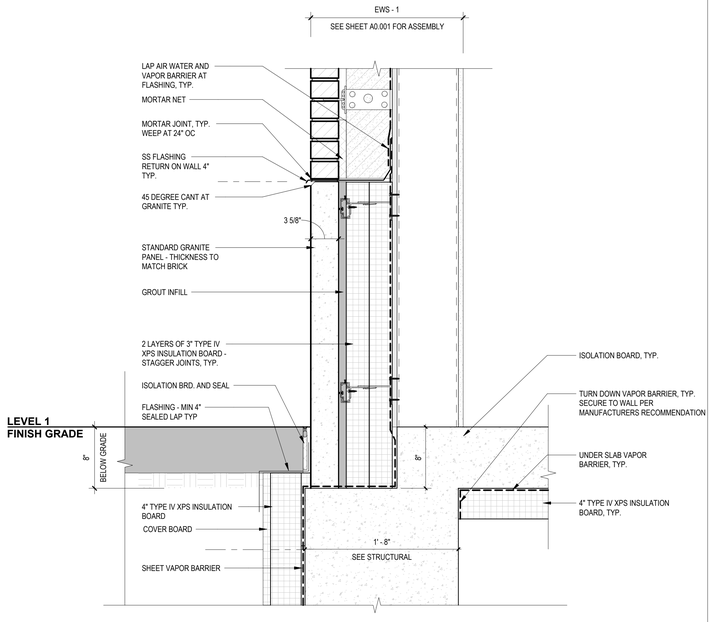
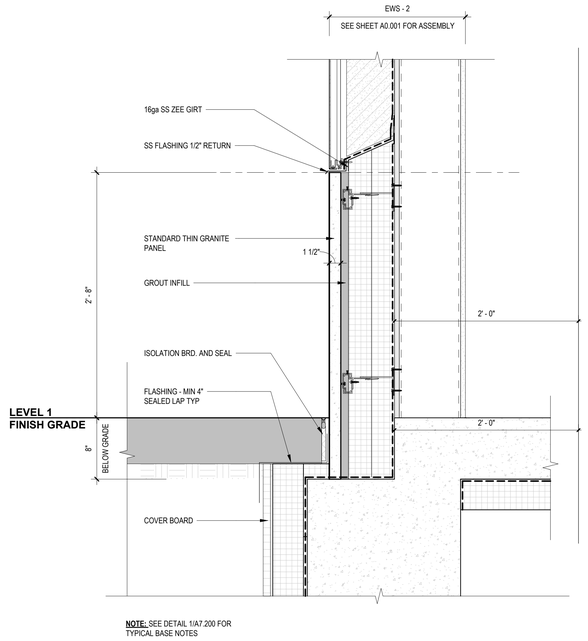
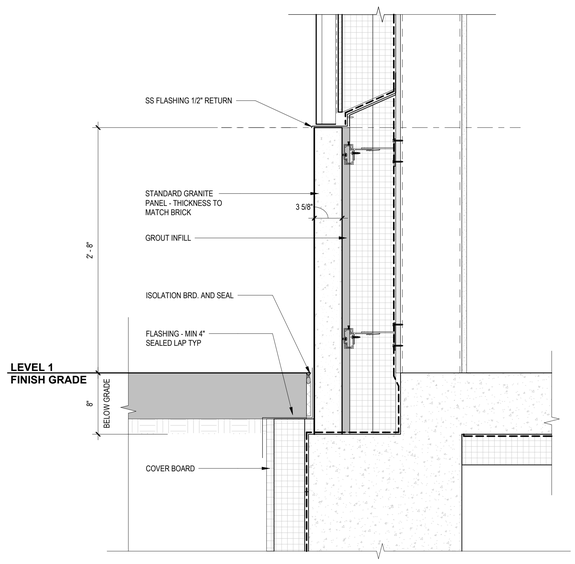
SHEET NUMBER:
A7.102



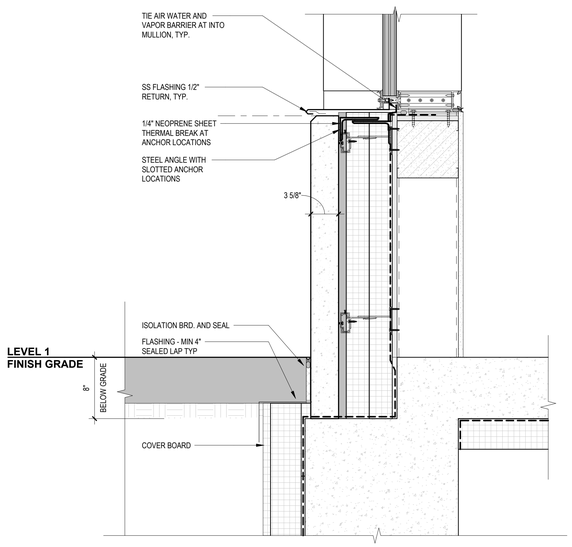
1 BASE DETAIL 1 AT BRICK (EWS-1)
1 1/2" = 1'-0"



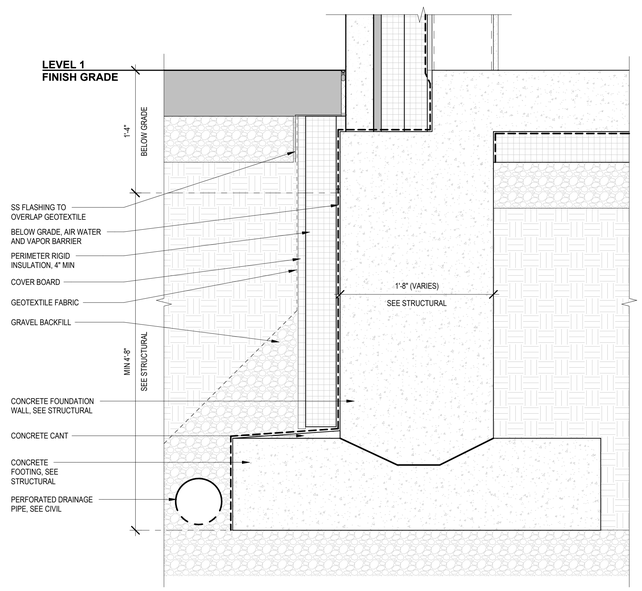
2 BASE DETAIL 2 AT METAL PANEL (EWS-2)
1 1/2" = 1'-0"



3 BASE DETAIL 3 AT STANDING SEAM PANEL (EWS-3)
1 1/2" = 1'-0"



4 BASE DETAIL 4 AT CURTAIN WALL
1 1/2" = 1'-0"



5 TYPICAL FOUNDATION WALL AND FOOTING DETAIL
1 1/2" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR SECTION DETAILS - WALL BASE DETAILS

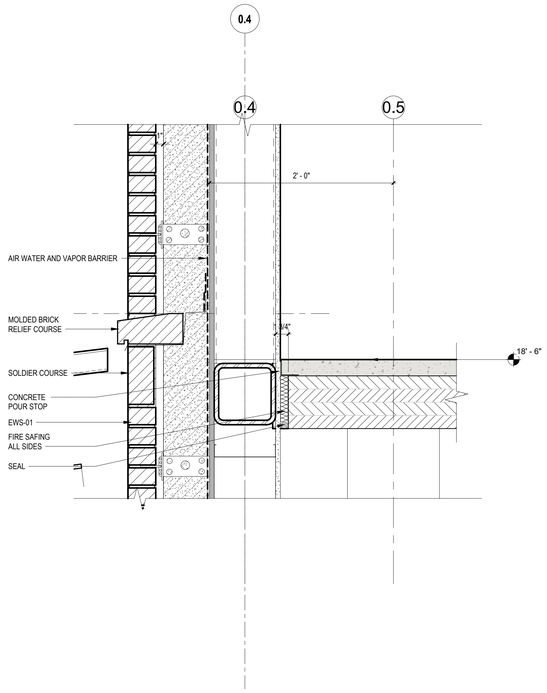
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

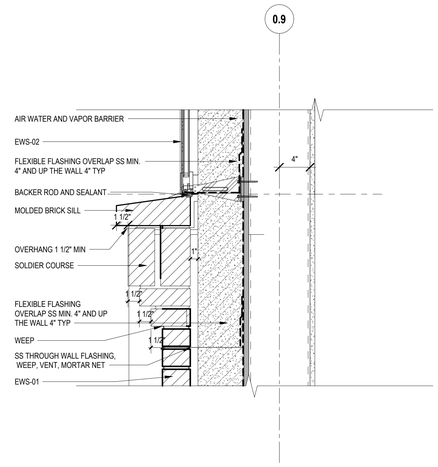
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

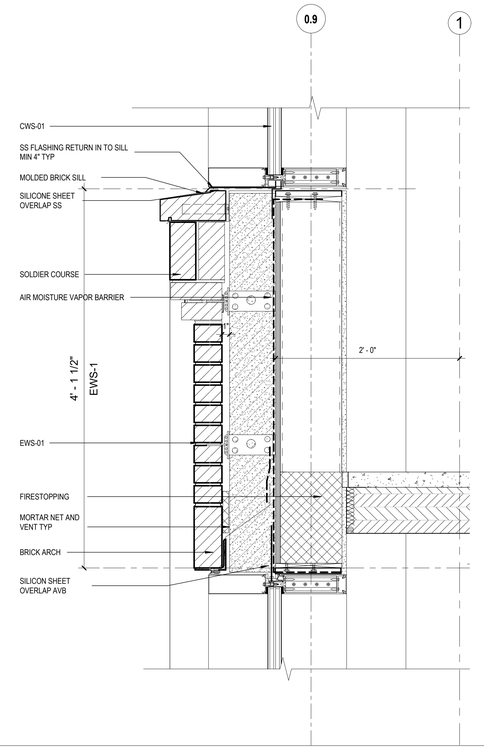
SHEET NUMBER:
A7.200



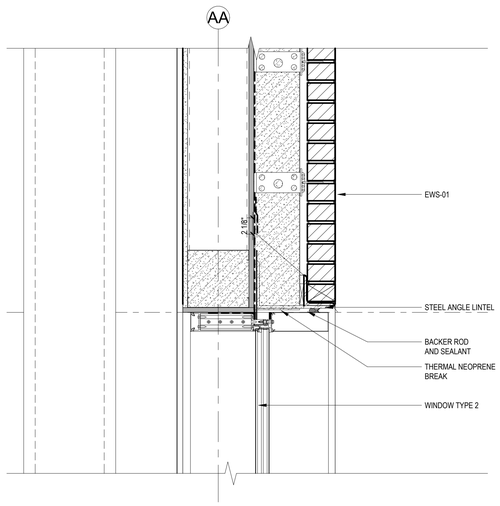
1 SECTION DETAIL - BELT RELIEF COURSE (LANDSIDE)
1 1/2" = 1'-0"



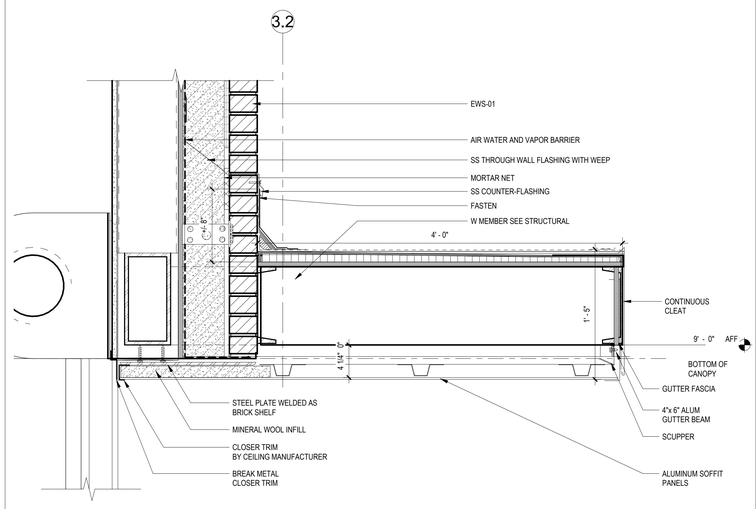
2 SECTION DETAIL - METAL PANEL AT BRICK SILL (LANDSIDE)
1 1/2" = 1'-0"



3 SECTION DETAIL - TYPICAL SILL AT WINDOW (LANDSIDE)
1 1/2" = 1'-0"



5 SECTION DETAIL - WINDOW TYPE 1/2 HEAD AT BRICK
1 1/2" = 1'-0"



6 SECTION DETAIL - CANOPY AT OVERHEAD DOOR
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR SECTION DETAILS - WALL SILL AND CORNICE DETAILS

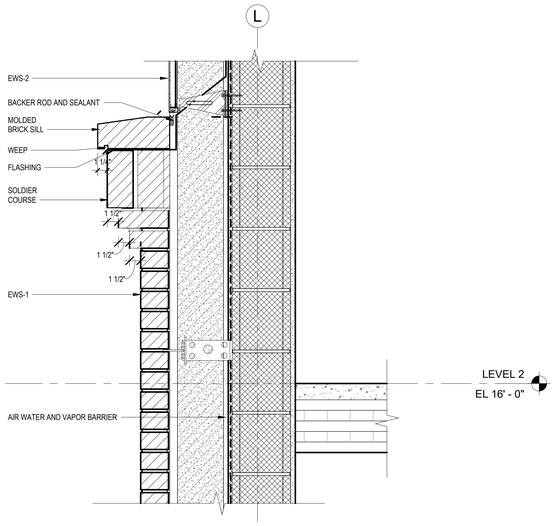
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

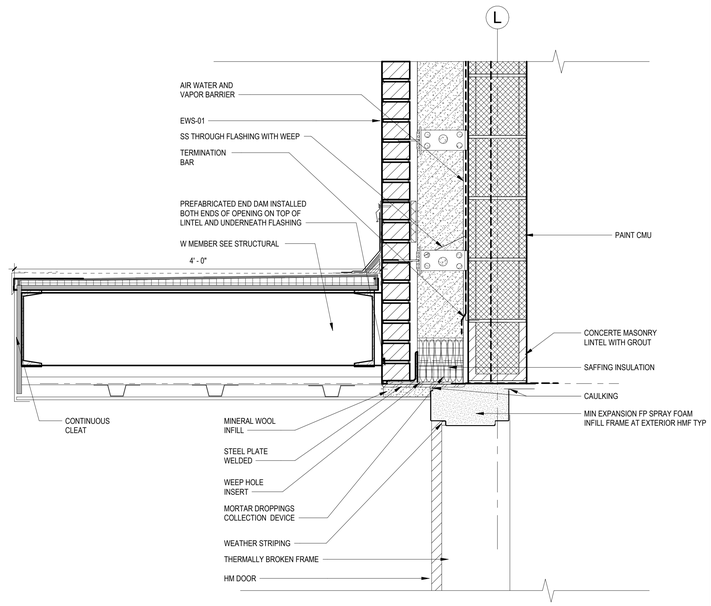
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

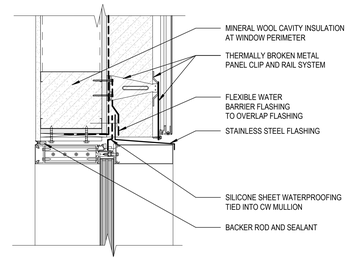
SHEET NUMBER:
A7.201



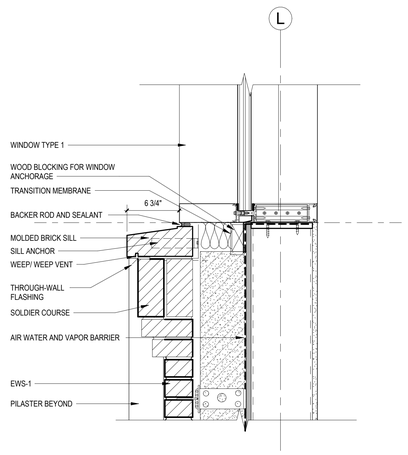
1 SECTION DETAIL - EAST SIDE SHAFT WALL AT SLAB
1 1/2" = 1'-0"



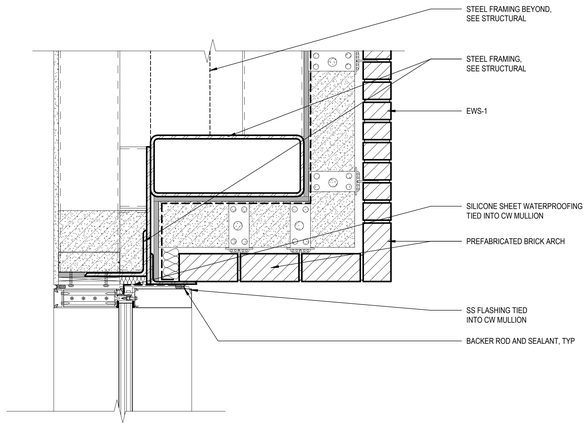
2 SECTION DETAIL - EAST SIDE SHAFT WALL DOOR HEAD AND CANOPY
1 1/2" = 1'-0"



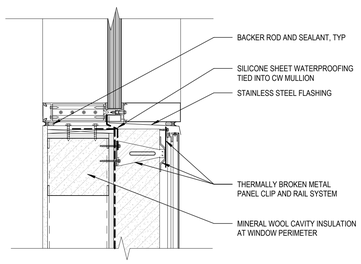
6 TYPICAL HEAD DETAIL AT METAL PANEL WINDOW
1 1/2" = 1'-0"



3 SECTION DETAIL - BRICK CORNICE AT WINDOW TYPE 1 / 2
1 1/2" = 1'-0"



4 CURTAIN WALL HEAD AT DOWNTURNED BRICK
1 1/2" = 1'-0"



5 TYPICAL SILL DETAIL AT METAL PANEL WINDOW
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR SECTION DETAILS - WALL SILL AND CORNICE DETAILS

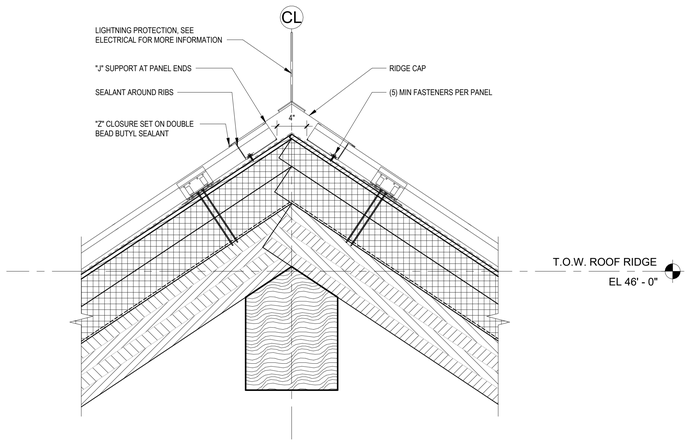
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

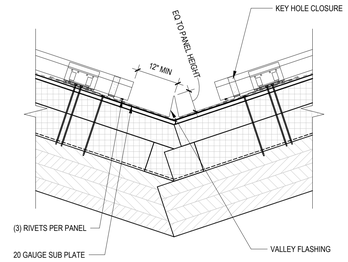
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

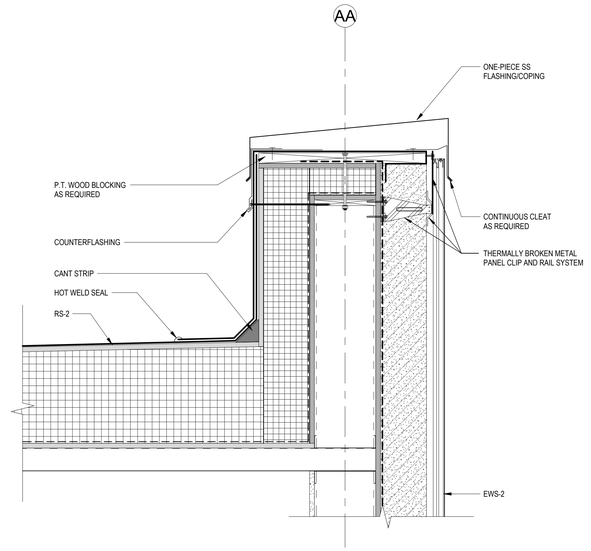
SHEET NUMBER:
A7.202



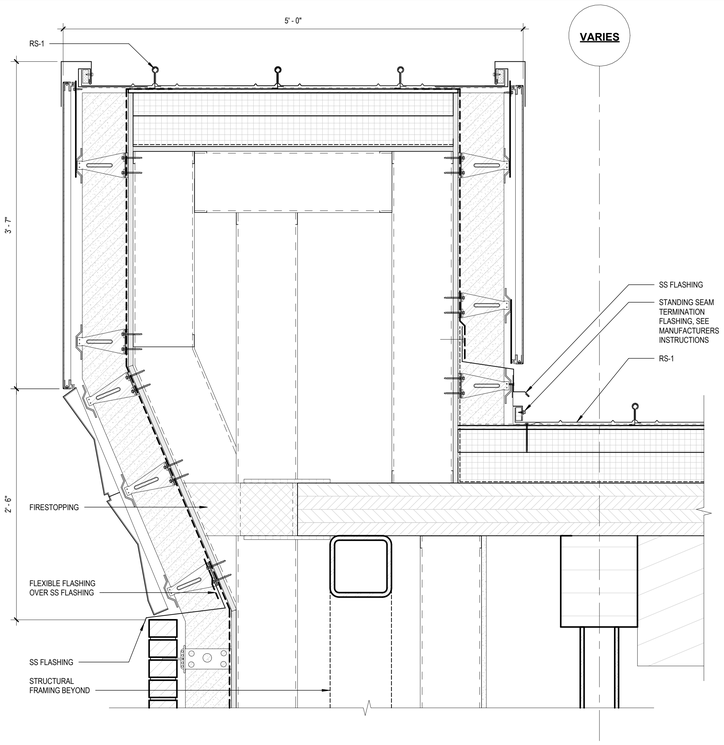
1 SECTION DETAIL - TYP RIDGE CAP
1 1/2" = 1'-0"



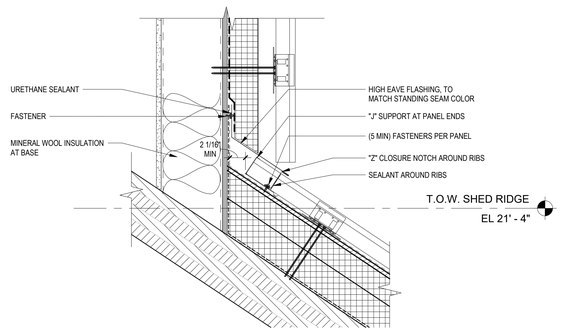
2 SECTION DETAIL - TYP RAKE AT ROOF VALLEY
1 1/2" = 1'-0"



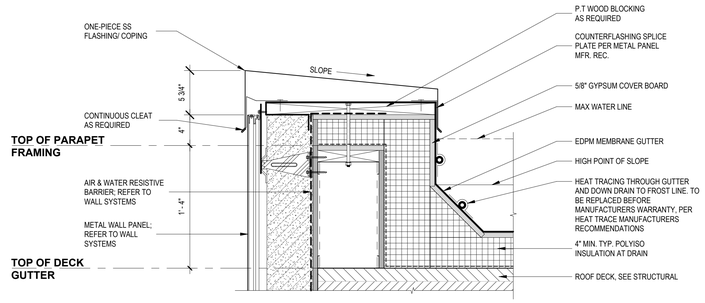
3 SECTION DETAIL - CONDENSOR ROOM PARAPET
1 1/2" = 1'-0"



4 DETAIL AT STANDING SEAM WALL PARAPET
1 1/2" = 1'-0"



5 SECTION DETAIL - STANDING SEAM WALL TO ROOF TRANSITION
1 1/2" = 1'-0"



6 SECTION DETAIL - TYPICAL PARAPET
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

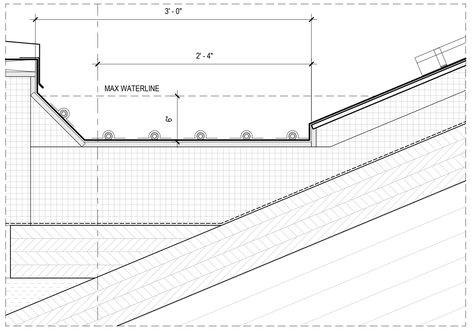
SHEET TITLE:
EXTERIOR SECTION DETAILS - ROOF TYPICAL DETAILS
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

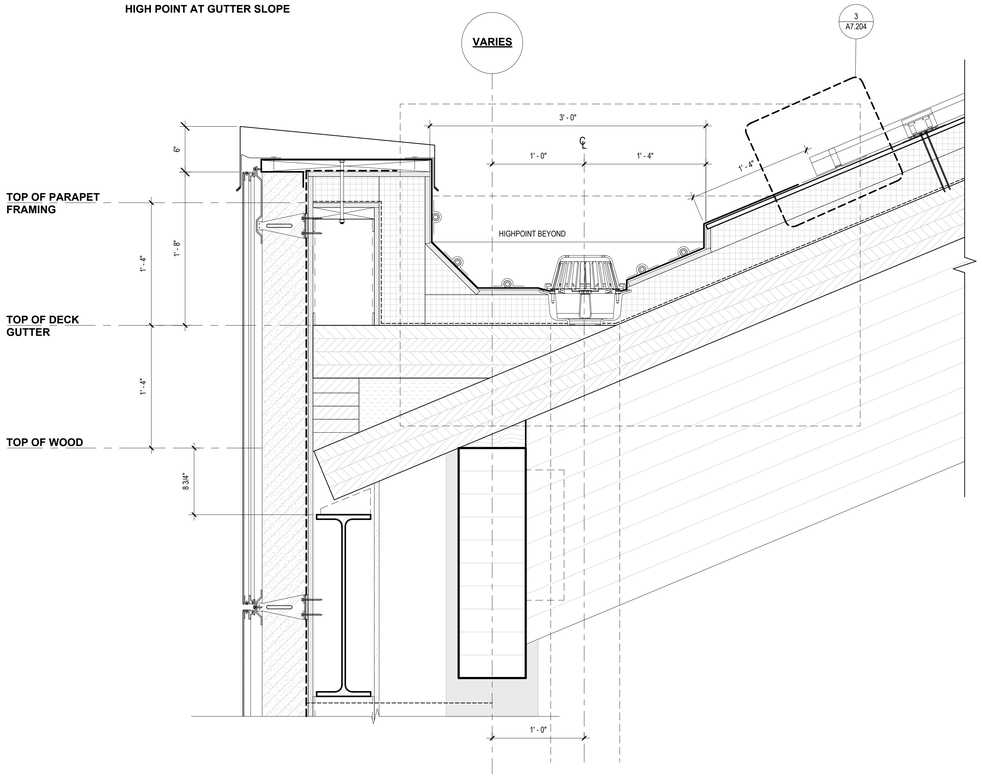
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

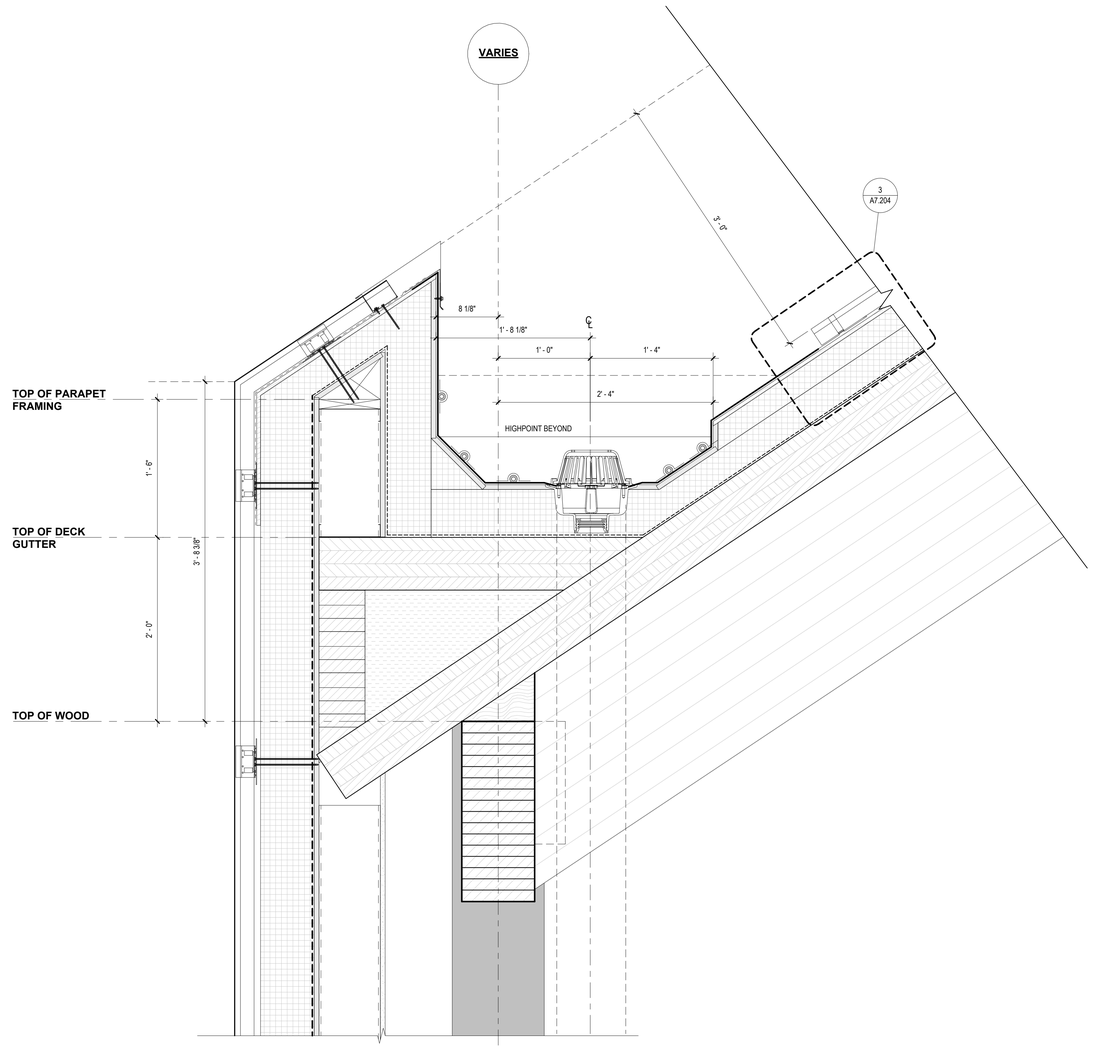
SHEET NUMBER:
A7.203



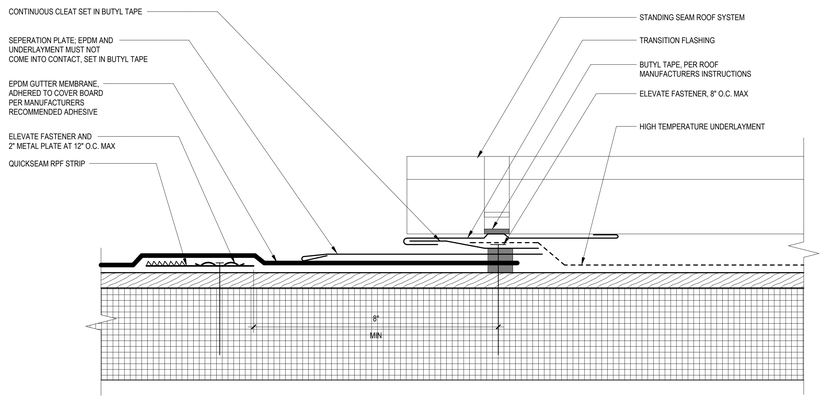
HIGH POINT AT GUTTER SLOPE



1 GUTTER DETAIL 1 AT DRAIN AT 5/12 SLOPE ROOF
1 1/2" = 1'-0"



2 GUTTER DETAIL 1 AT DRAIN AT 8/12 SLOPE ROOF
1 1/2" = 1'-0"



3 EPDM AND HIGH TEMP UNDERLAYMENT LAPPING DETAIL
6" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR SECTION DETAILS - ROOF
TYPICAL GUTTER DETAILS

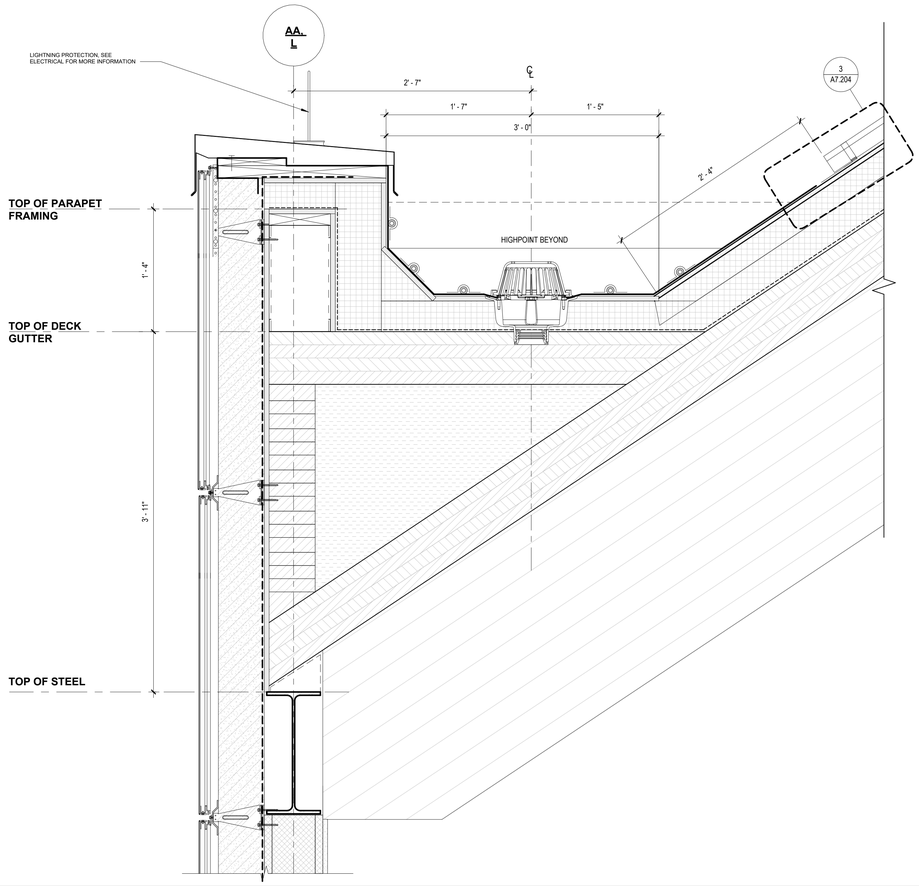
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

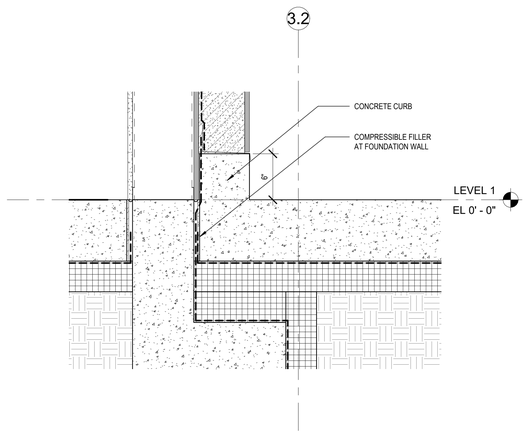
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

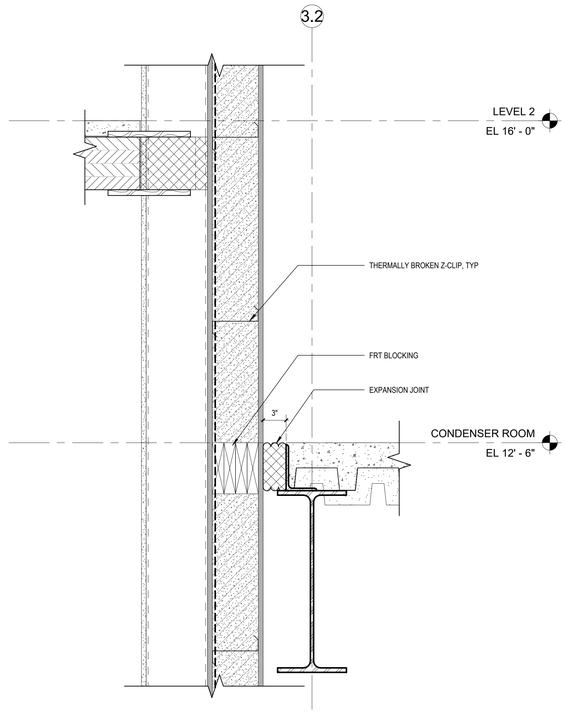
SHEET NUMBER:
A7.204



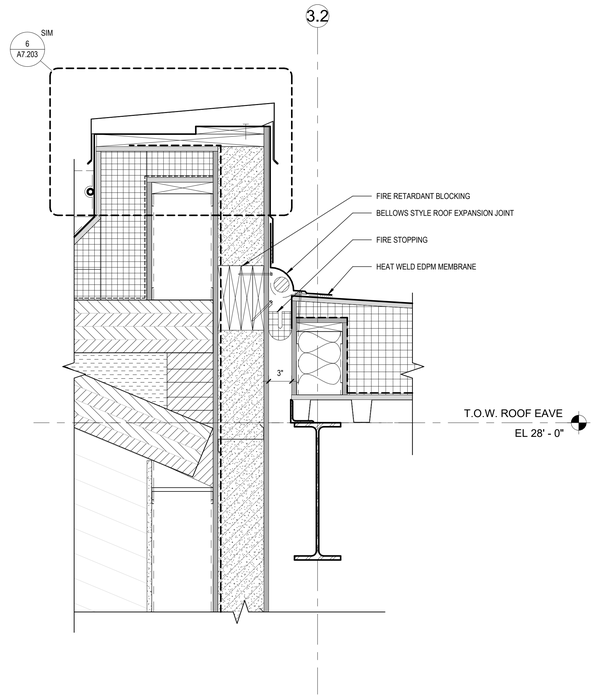
2 TYPICAL GUTTER AT SHAFT WALL
1 1/2" = 1'-0"



4 SECTION DETAIL - EXPANSION JOINT AT GRADE
1 1/2" = 1'-0"



5 SECTION DETAIL - EXPANSION JOINT AT CONDENSER ROOM
1 1/2" = 1'-0"



1 SECTION DETAIL - EXPANSION JOINT AT PARAPET
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR SECTION DETAILS - GUTTER AND EXPANSION JOINT DETAILS

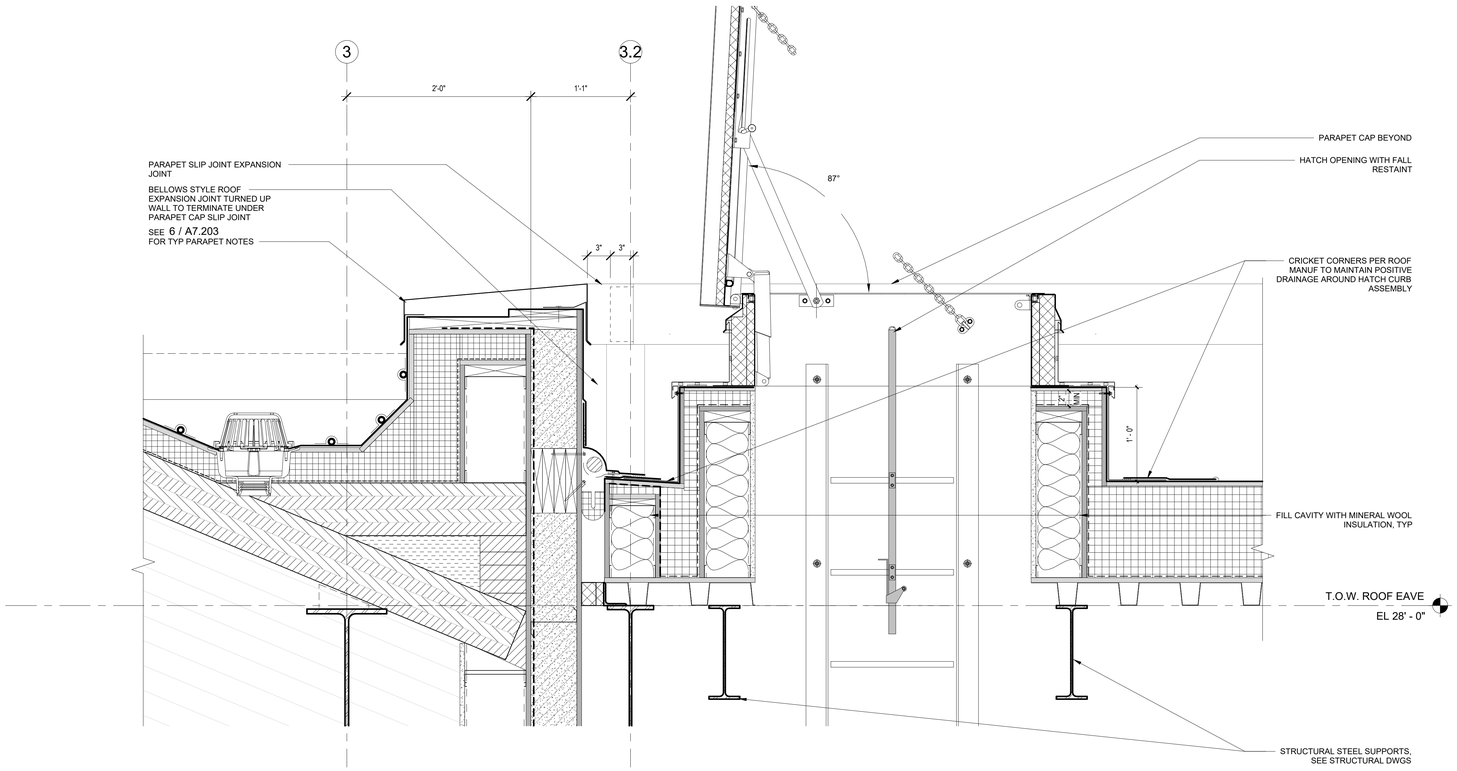
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

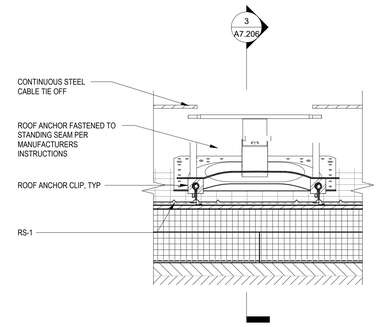
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

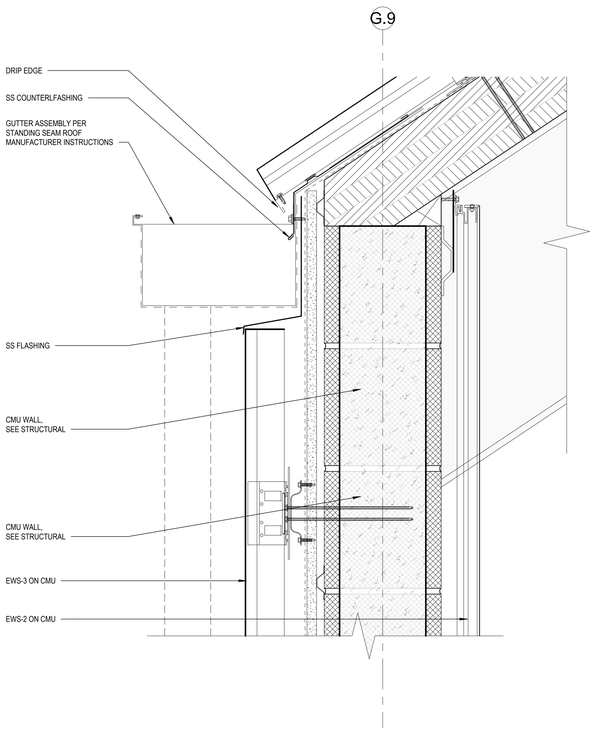
SHEET NUMBER:
A7.205



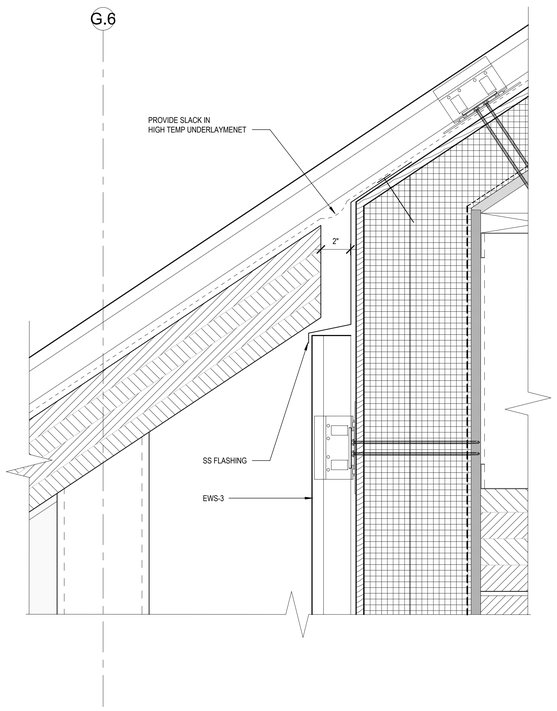
1 SECTION DETAIL - ROOF EJ AND ACCESS HATCH
1 1/2" = 1'-0"



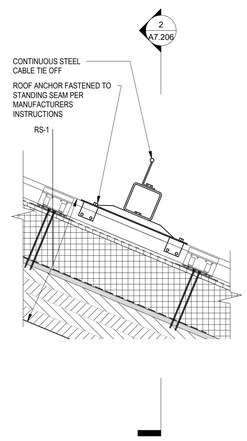
2 SECTION DETAIL - ROOF TIE OFF
1 1/2" = 1'-0"



4 SECTION DETAIL - BACK CANOPY GUTTER
3" = 1'-0"



5 SECTION DETAIL - BACK CANOPY HIGH POINT
3" = 1'-0"



3 SECTION DETAIL - ROOF TIE OFF SECTION II
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR SECTION DETAILS - MISC ROOF DETAILS

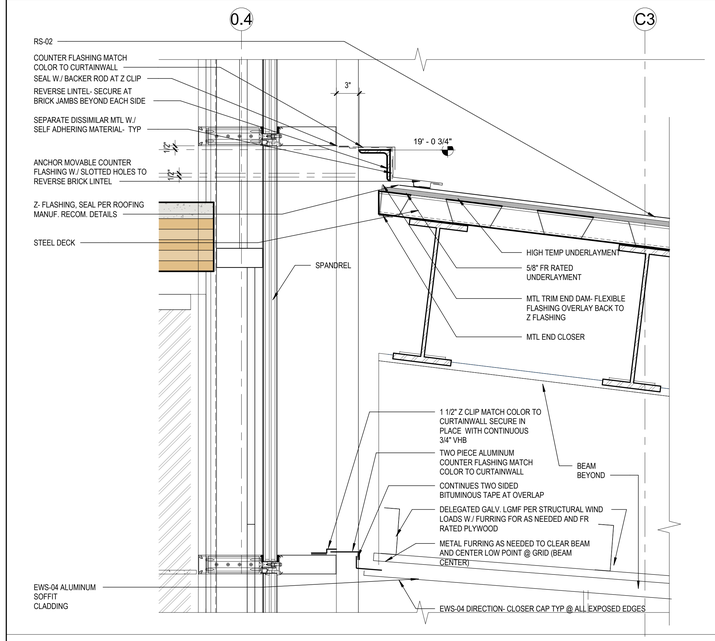
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

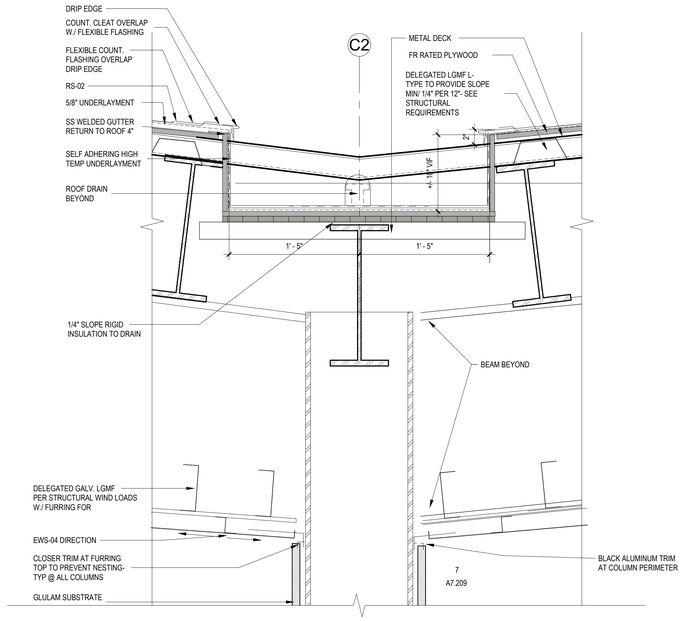
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE:	DATE:
AS NOTED	06/05/2024

SHEET NUMBER:
A7.206



1 SECTION DETAIL - MAIN ENTRANCE CANOPY AT CURTAINWALL
1 1/2" = 1'-0"



2 SECTION DETAIL - MAIN ENTRANCE CANOPY AT GUTTER
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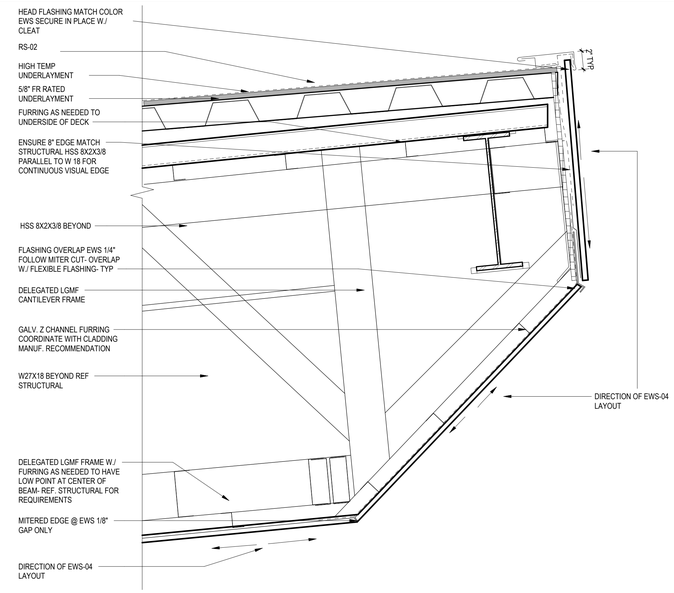
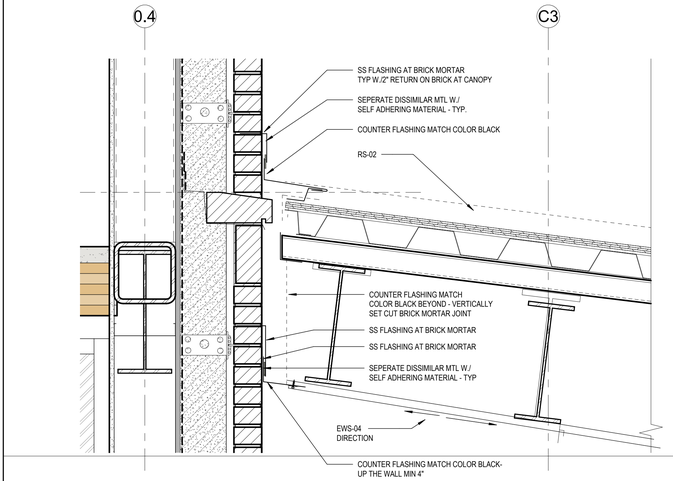
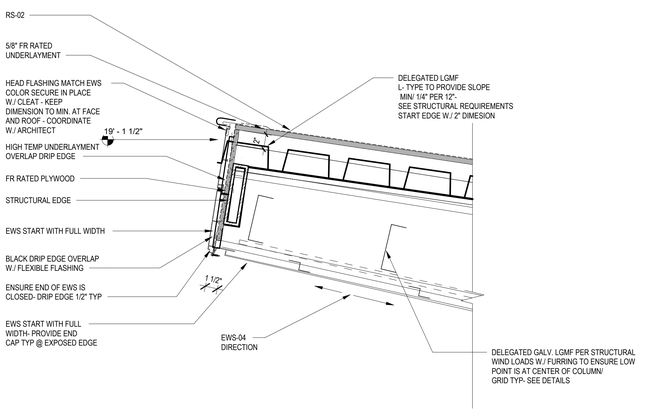


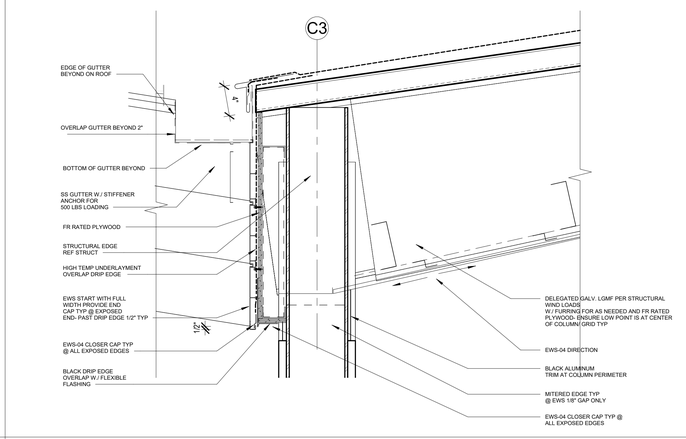
3 SECTION DETAIL - MAIN ENTRANCE CANOPY EDGE
1 1/2" = 1'-0"



4 SECTION DETAIL - MAIN ENTRANCE CANOPY OUTRIGGER AT BRICK
1 1/2" = 1'-0"



5 SECTION DETAIL -SIDE CANOPY EDGE CONDITION
1 1/2" = 1'-0"



6 SECTION DETAIL -CANOPY EDGE DETAIL WITH GUTTER
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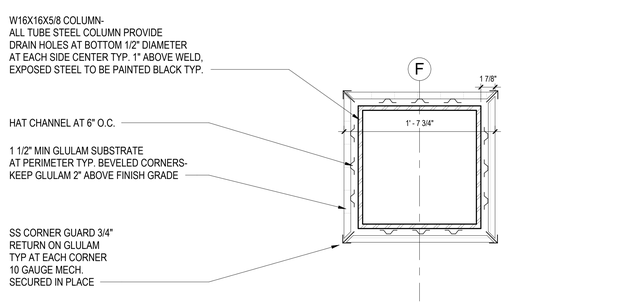
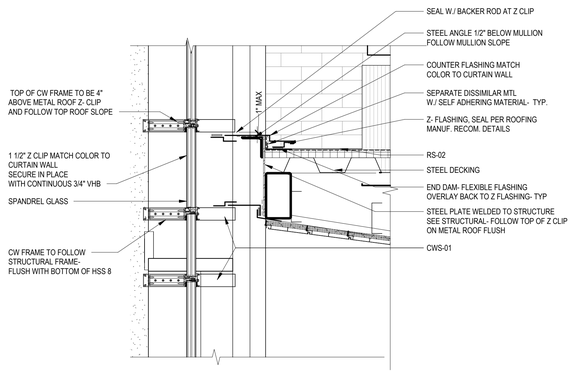


7 COLUMN DETAIL @ CANOPY
1 1/2" = 1'-0"



8 SECTION DETAIL - SIDE CANOPY AT CURTAIN WALL SIDE ENTRY
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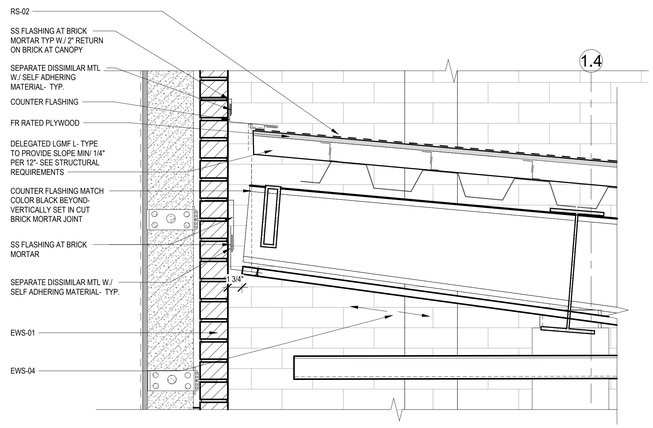

9 SECTION DETAIL - EAST CANOPY AT BRICK
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR DETAILS - CANOPY

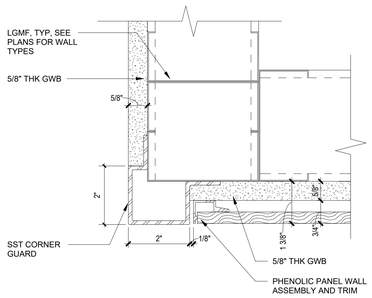
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

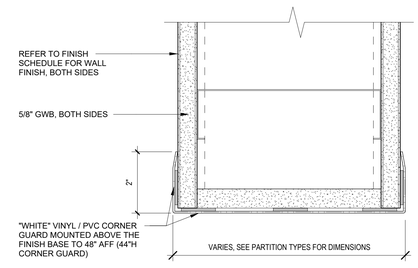
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

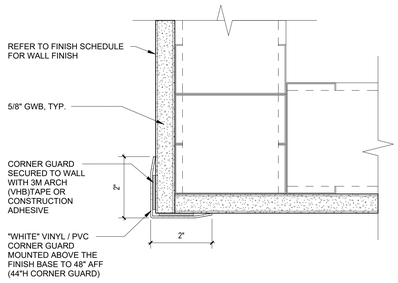
SHEET NUMBER:
A7.209



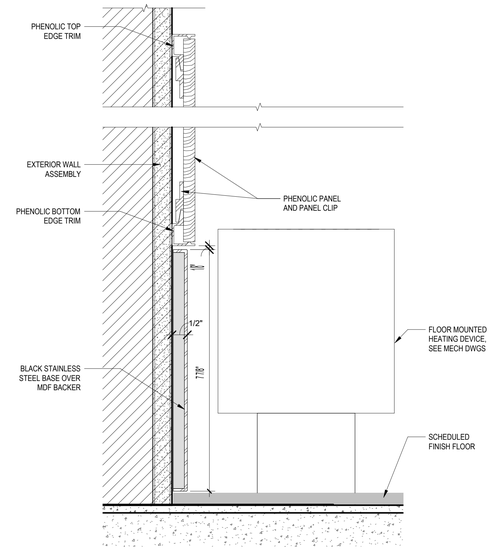
19 PLAN DETAIL @ SST CORNER GUARD W/ PHENOLIC PANEL 1 SIDE
6" = 1'-0"



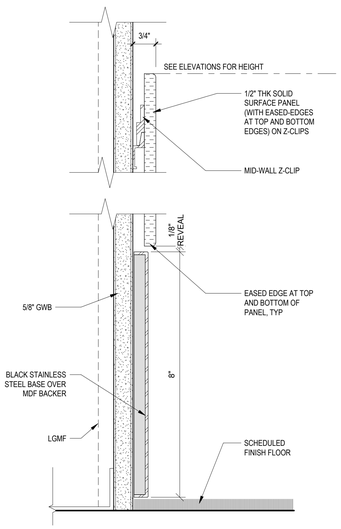
18 PLAN DETAIL @ APPLIED VINYL END GUARD
6" = 1'-0"



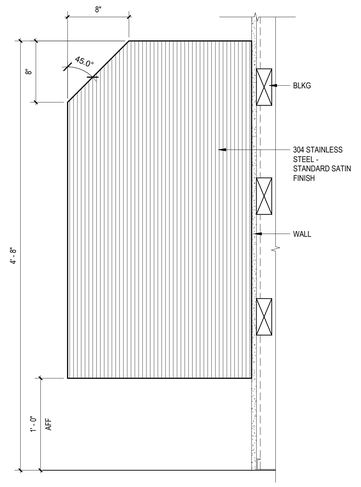
17 PLAN DETAIL @ APPLIED VINYL CORNER GUARD
6" = 1'-0"



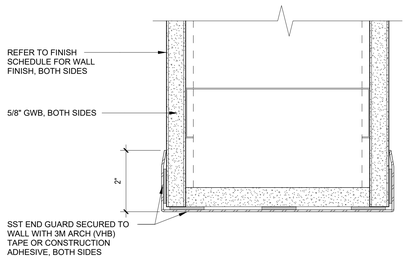
16 SECTION DETAIL AT TYPICAL FLOOR HEATER
6" = 1'-0"



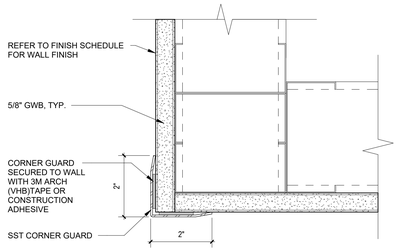
15 SOLID SURFACE PANEL - VERTICAL WALL PANEL SECTION DETAIL
6" = 1'-0"



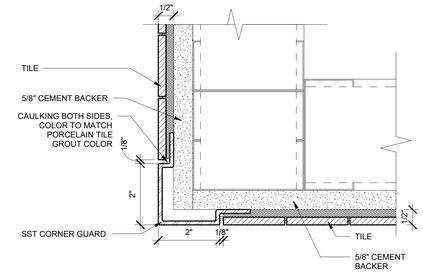
14 URINAL SCREEN DETAIL
1 1/2" = 1'-0"



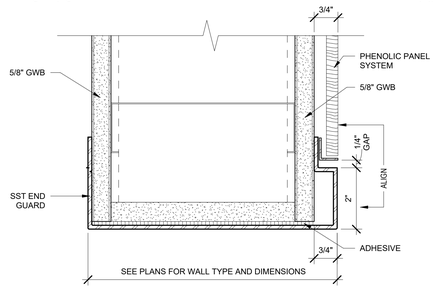
13 PLAN DETAIL @ APPLIED SST END GUARD
6" = 1'-0"



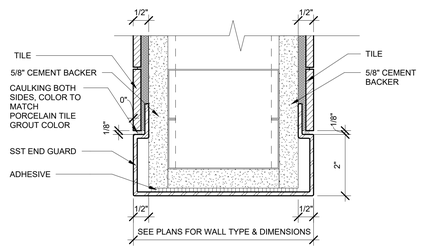
12 PLAN DETAIL @ APPLIED SST CORNER GUARD
6" = 1'-0"



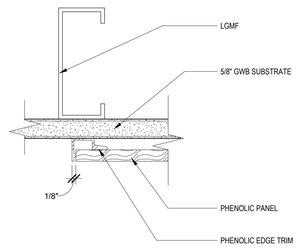
11 PLAN DETAIL @ SST CORNER GUARD W/ TILE WALLS
6" = 1'-0"



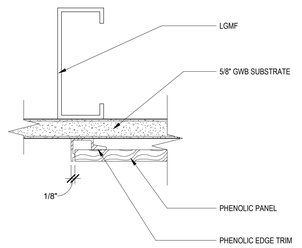
10 PLAN DETAIL @ SST END GUARD W/ PHENOLIC PANEL ON 1 SIDE
6" = 1'-0"



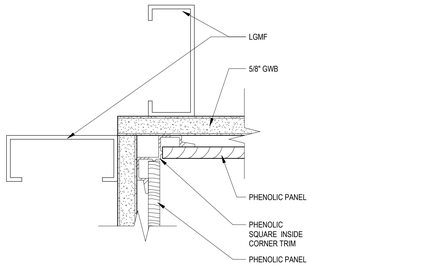
9 PLAN DETAIL @ SST END GUARD W/ TILE WALL BOTH SIDES
6" = 1'-0"



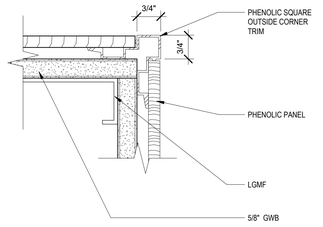
8 PHENOLIC PANEL - VERTICAL JOINT PLAN DETAIL
6" = 1'-0"



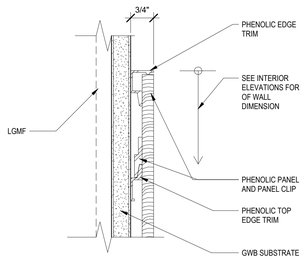
7 PHENOLIC PANEL - VERTICAL EDGE TRIM PLAN DETAIL
6" = 1'-0"



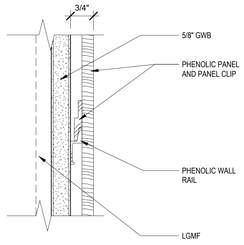
6 PHENOLIC PANEL - SQUARE INSIDE CORNER PLAN DETAIL
6" = 1'-0"



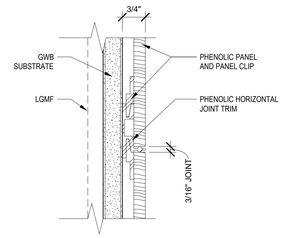
5 PHENOLIC PANEL - SQUARE OUTSIDE CORNER PLAN DETAIL
6" = 1'-0"



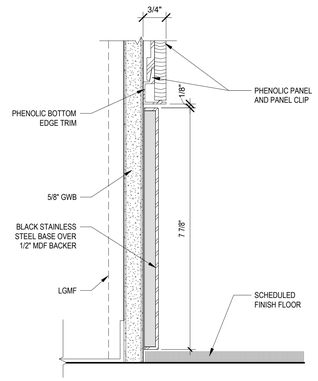
4 PHENOLIC PANEL - HORIZONTAL TOP EDGE TRIM SECTION DETAIL
6" = 1'-0"



3 PHENOLIC PANEL - MID-WALL CLIP SECTION DETAIL
6" = 1'-0"



2 PHENOLIC PANEL - HORIZ./VERT. JOINT SECTION DETAIL
6" = 1'-0"



1 STAINLESS STEEL - DETAIL AT BASE WITH PHENOLIC PANEL
6" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
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BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - TYPICAL WALL PROTECTION

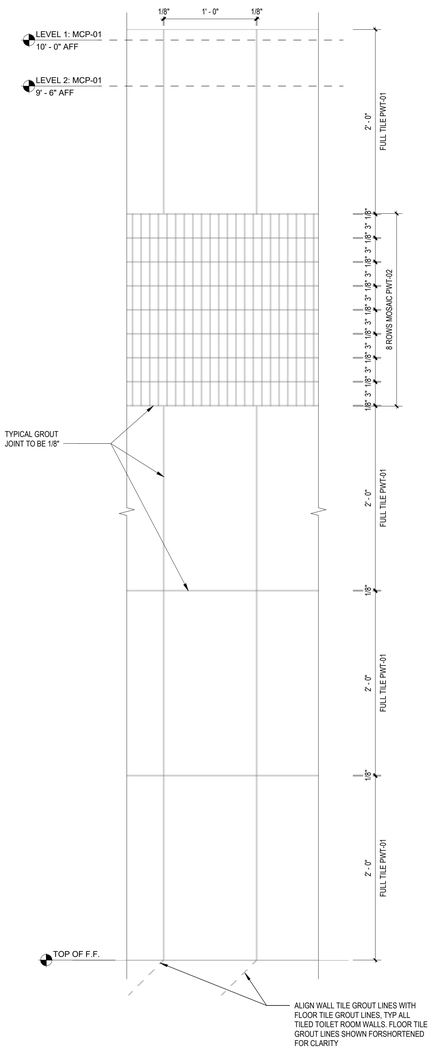
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

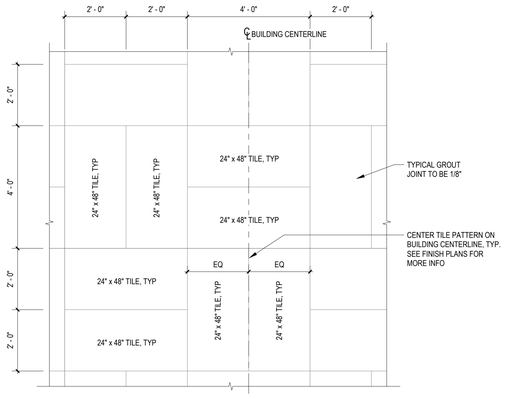
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

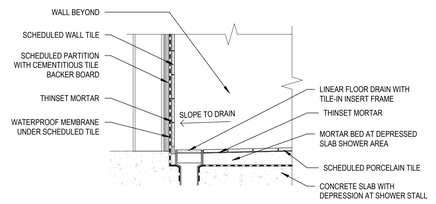
SHEET NUMBER:
A7.300



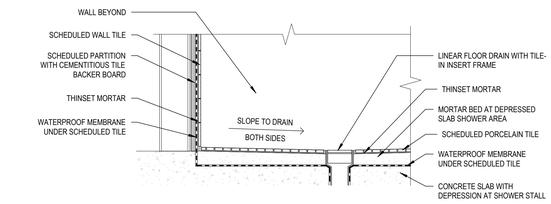
11 TYPICAL TOILET ROOM WALL TILE PATTERN
1 1/2" = 1'-0"



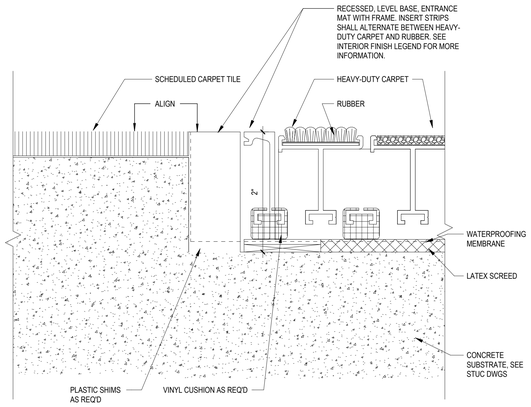
10 TYPICAL BASKET WEAVE FIELD TILE PATTERN
1/2" = 1'-0"



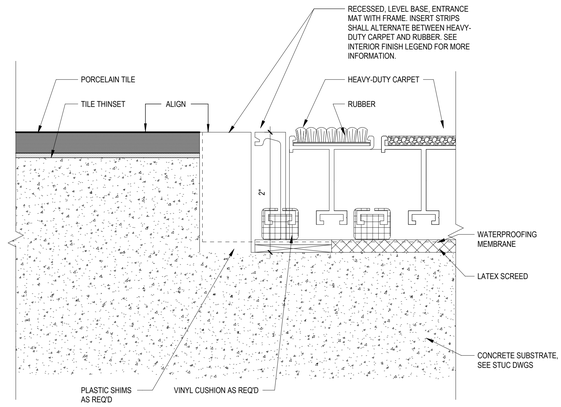
9 DETAIL AT TOILET ROOM FLOOR DRAIN - EDGE CONDITION
1 1/2" = 1'-0"



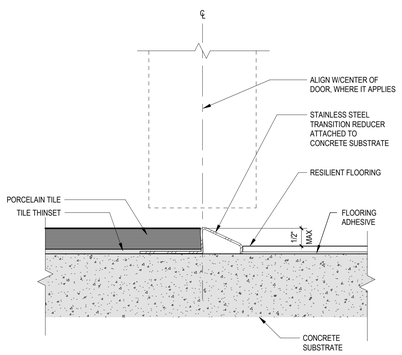
8 DETAIL AT TOILET ROOM FLOOR DRAIN - MEDIAL CONDITION
1 1/2" = 1'-0"



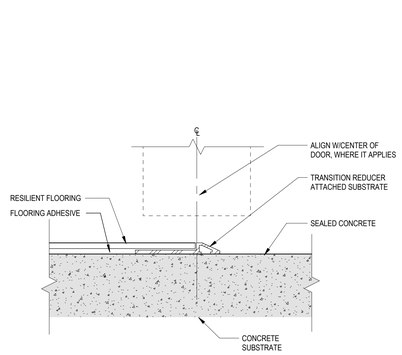
7 TRANSITION DETAIL FROM RECESSED ENTRANCE MAT TO CARPET
12" = 1'-0"



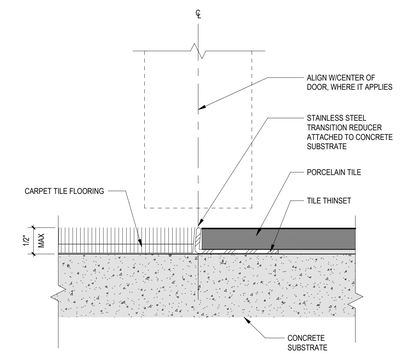
6 TRANSITION DETAIL FROM RECESSED ENTRANCE MAT TO TILE
12" = 1'-0"



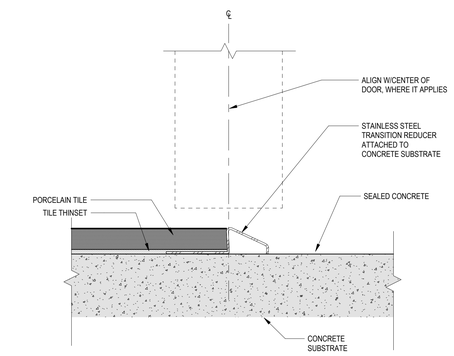
5 TRANSITION DETAIL FROM PORCELAIN TILE TO RESILIENT FLOORING
12" = 1'-0"



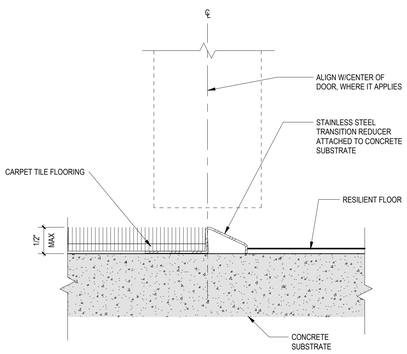
4 TRANSITION DETAIL FROM RESILIENT FLOORING TO SEALED CONCRETE
12" = 1'-0"



3 TRANSITION DETAIL FROM PORCELAIN TILE TO CARPET
12" = 1'-0"



2 TRANSITION DETAIL FROM PORCELAIN TILE TO SEALED CONCRETE
12" = 1'-0"



1 TRANSITION DETAIL FROM CARPET TO RESILIENT FLOORING
12" = 1'-0"

SHEET NOTE: CHANGES IN LEVEL GREATER THAN 1/4" IN HEIGHT AND NOT MORE THAN 1/2" MAX IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 1:2.

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AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - FLOOR TRANSITIONS AND TILE PATTERN DETAILS

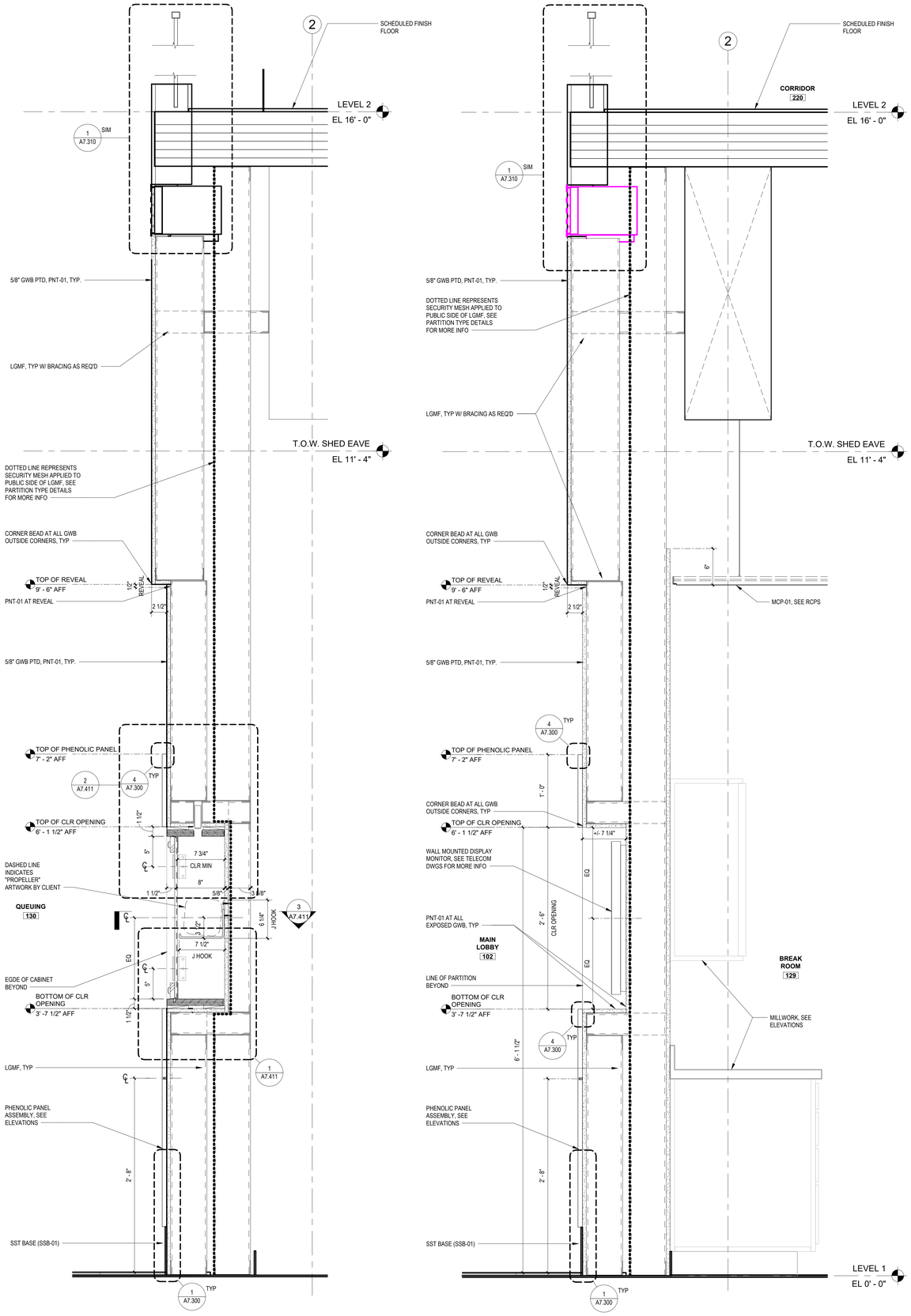
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A7.301



5 SECTION DETAIL AT CHECKPOINT QUEUEING DISPLAY
1 1/2" = 1'-0"

4 SECTION DETAIL AT CHECKPOINT QUEUEING MONITORS
1 1/2" = 1'-0"

3 SECTION DETAIL AT EXIT LANE EXIT DOOR
1 1/2" = 1'-0"

2 SECTION DETAIL AT SST CLADDING ALIGNED TO LINEAR SLOT DIFFUSERS
1 1/2" = 1'-0"

1 SECTION DETAIL AT TYPICAL GLASS GUARDRAIL
1 1/2" = 1'-0"

GRAPHIC SCALE:
0' 16" 32" 48"

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - INTERIOR WALL SECTIONS

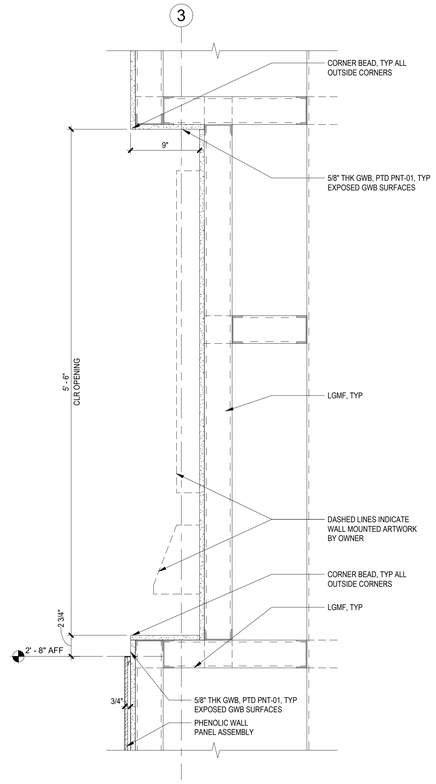
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

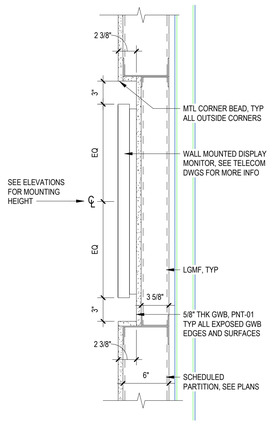
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

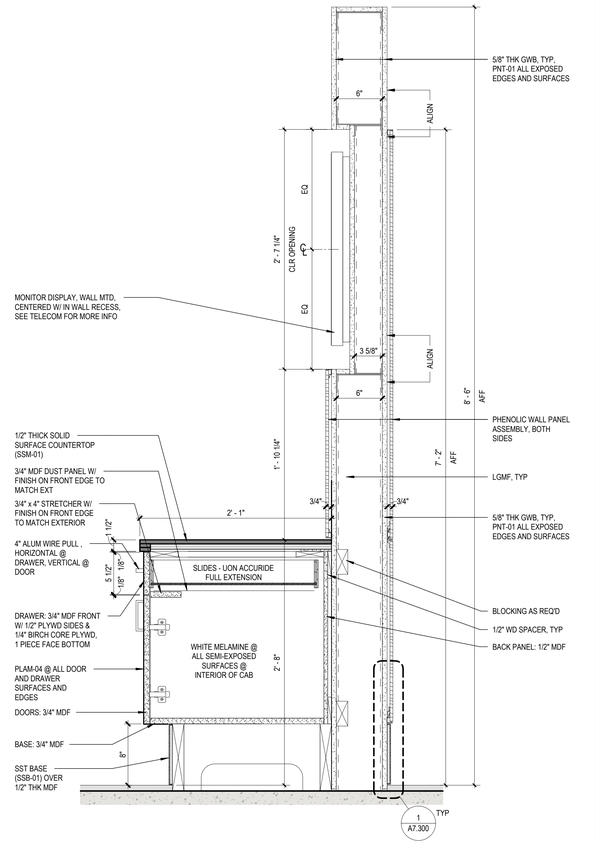
SHEET NUMBER:
A7.310



3 SECTION DETAIL AT PASSENGER WAITING RECESSED ARTWORK
1 1/2" = 1'-0"



2 SECTION DETAIL AT PASSENGER WAITING MONITOR DISPLAY
1 1/2" = 1'-0"



1 SECTION DETAIL AT GATE BACKDROP DISPLAY MONITOR
1 1/2" = 1'-0"

GRAPHIC SCALE:
0" 16" 32" 48"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - INTERIOR WALL SECTIONS

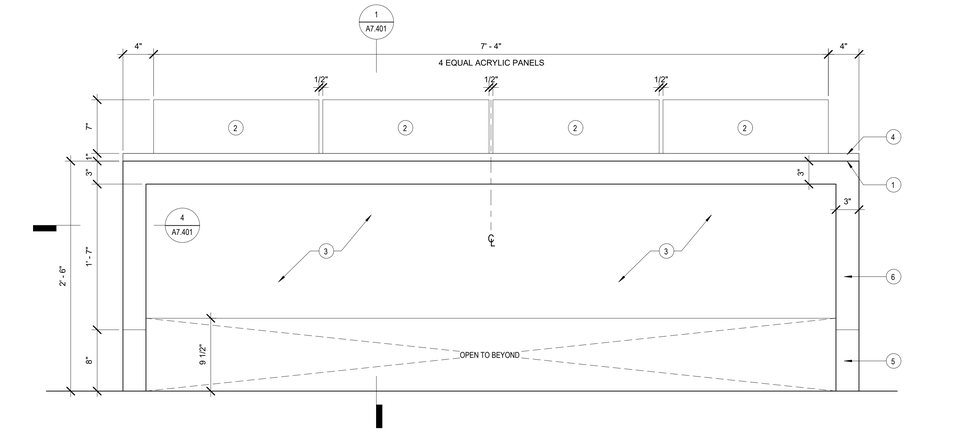
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

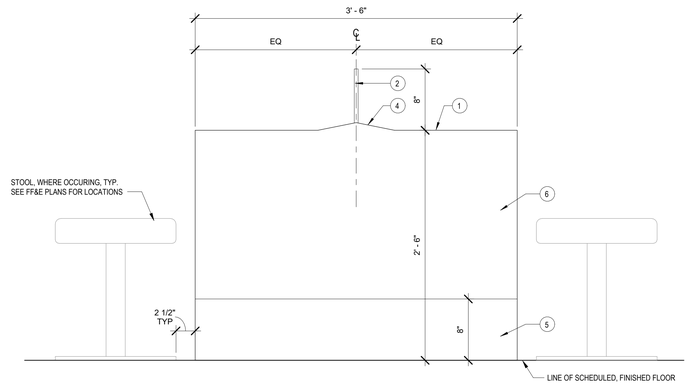
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

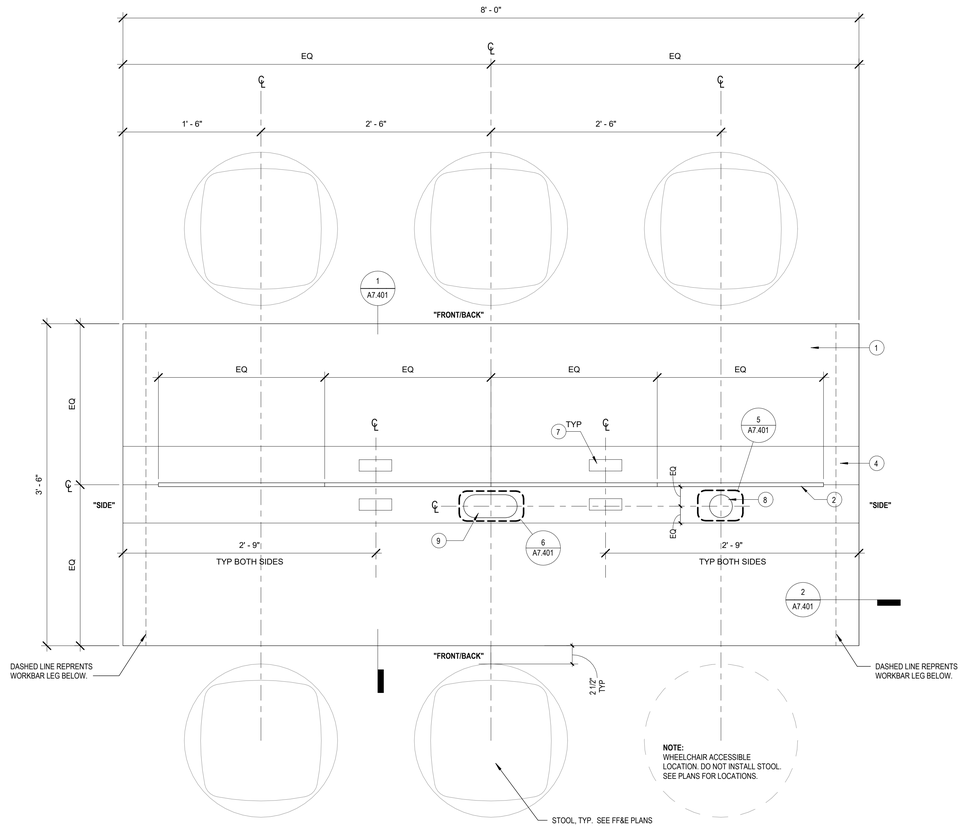
SHEET NUMBER:
A7.311



3 FRONT/BACK ELEVATION AT WORKBARS
1 1/2" = 1'-0"



2 SIDE ELEVATION AT WORKBARS
1 1/2" = 1'-0"



1 PLAN DETAIL AT WORKBARS
1 1/2" = 1'-0"

KEYNOTE LEGEND

1. SOLID SURFACE COUNTERTOP
2. ACRYLIC PANELS (ACP-01) @ WORK BAR
3. PLAM ACCESS PANEL UNDER COUNTERTOP
4. SLOPED SECTION OF COUNTERTOP
5. STAINLESS STEEL BASE
6. SOLID SURFACE AT SIDE PANELS
7. DUPLEX/USB OUTLET 2 SLOPE TOP, SEE SECTIONS FOR MORE INFO.
8. PROVIDE 3M STICKER W/ "INTERNATIONAL SYMBOL OF ACCESS" (ISA) ON SLOPED SURFACE OF WORKBAR, SEE DETAILS.
9. PROVIDE 3M STICKER W/ "INTERNATIONAL SYMBOL OF ACCESS" (ISA) AND COMPANION SEAT SIGNAGE ON SLOPED SURFACE OF WORKBAR, SEE DETAILS.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - MILLWORK - WORKBAR

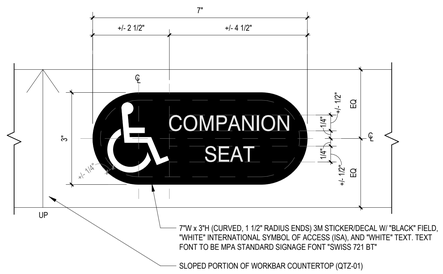
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

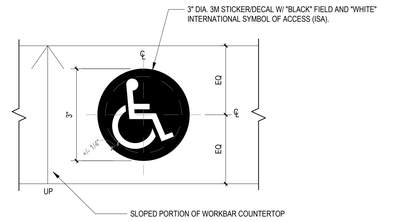
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE:	DATE:
AS NOTED	06/05/2024

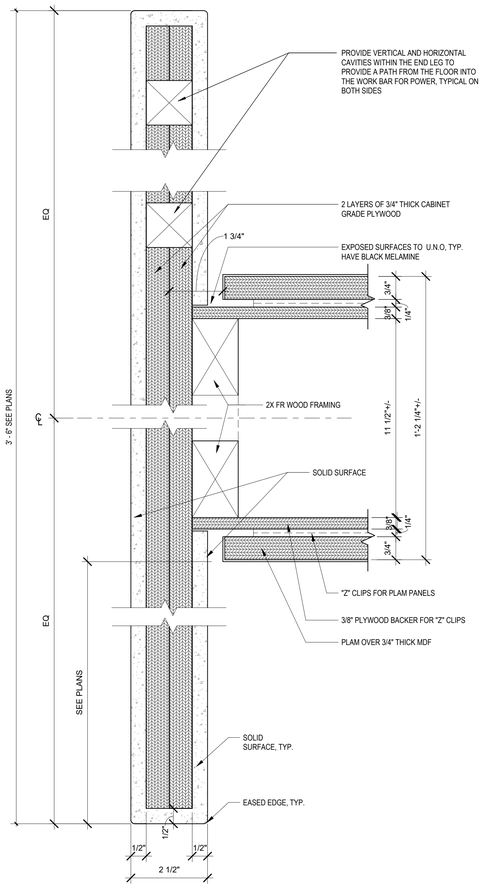
SHEET NUMBER:
A7.400



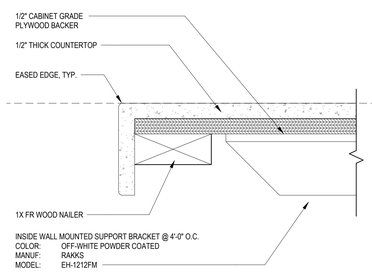
6 ADA COMPANION SEAT DECAL AT WORKBARS
6" = 1'-0"



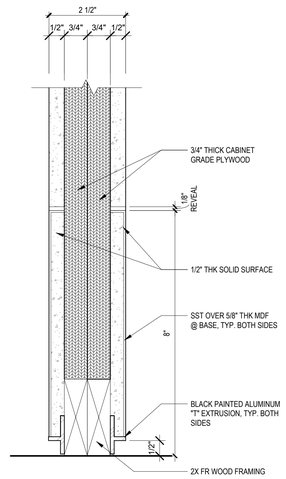
5 INTERNATIONAL SYMBOL OF ACCESS DECAL AT WORKBARS
6" = 1'-0"



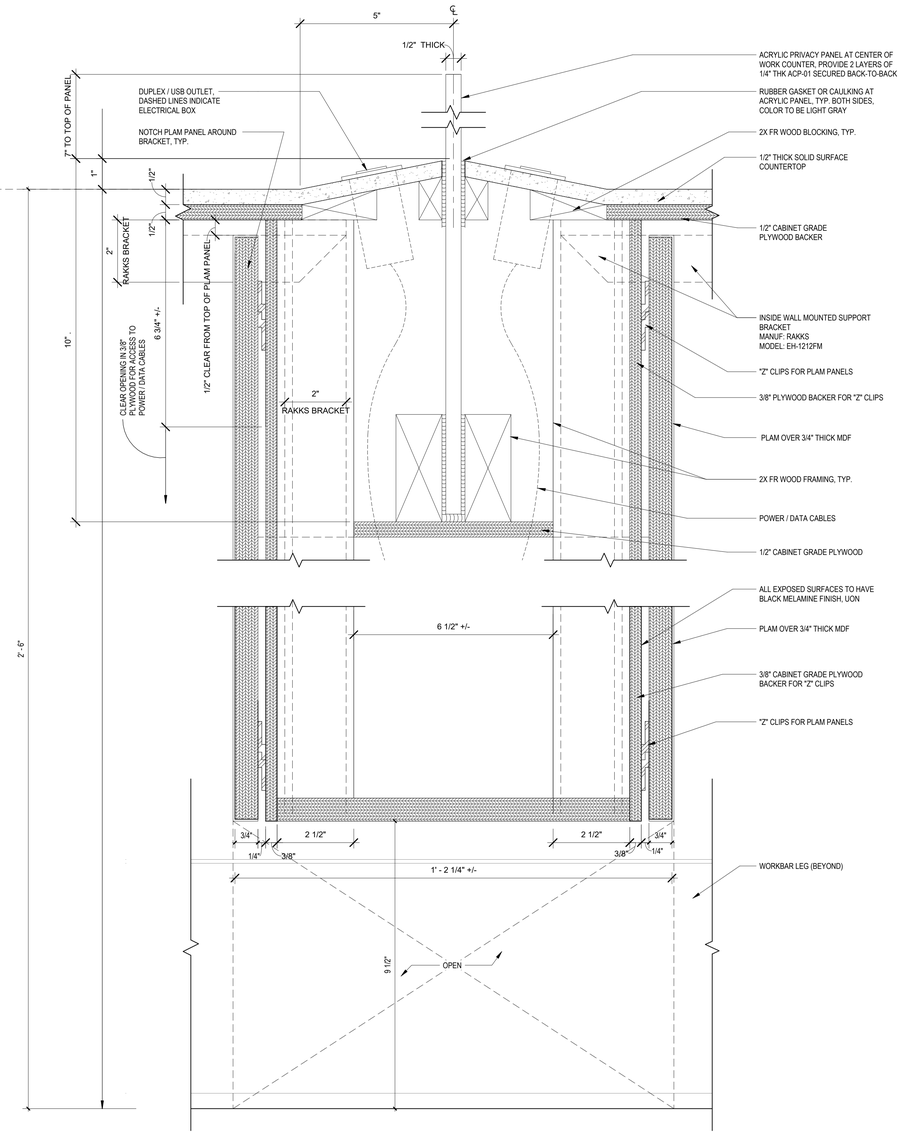
4 PLAN DETAIL AT DOUBLE SIDED WORKBAR AT LEG
6" = 1'-0"



3 SECTION DETAIL AT DOUBLE SIDED WORKBAR COUNTERTOP EDGE
6" = 1'-0"



2 SECTION DETAIL AT DOUBLE SIDED WORKBAR LEG
6" = 1'-0"



1 SECTION DETAIL AT DOUBLE SIDED WORKBAR AT PRIVACY PANEL
6" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - MILLWORK - WORKBAR

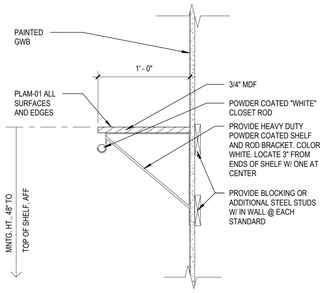
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

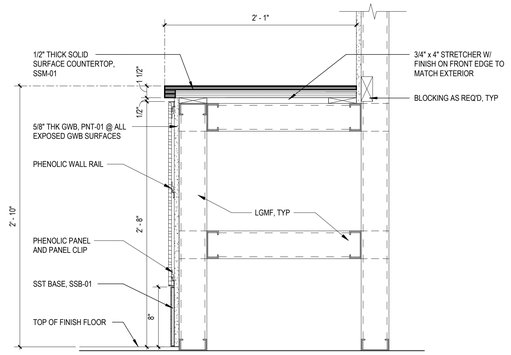
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

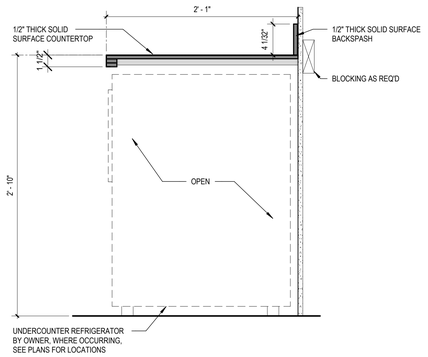
SHEET NUMBER:
A7.401



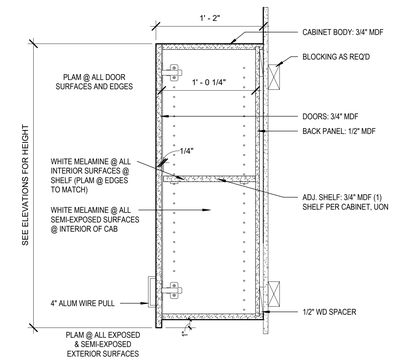
13 SECTION DETAIL AT CLOSET SHELF AND ROD
1 1/2" = 1'-0"



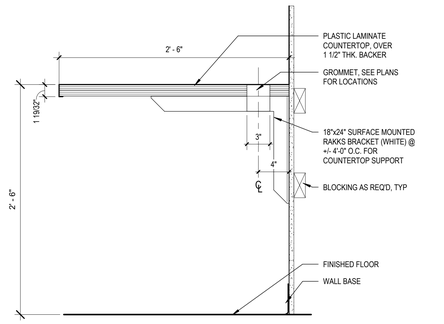
12 SECTION DETAIL AT PASSENGER WAITING WORKSURFACE
1 1/2" = 1'-0"



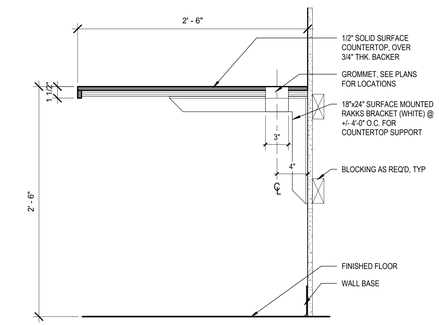
8 DETAIL AT SOLID SURFACE OPEN COUNTER
1 1/2" = 1'-0"



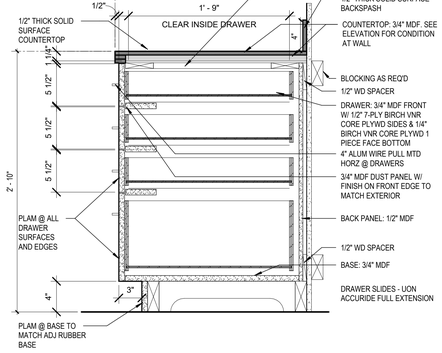
11 WALL HUNG CABINET WITH DOOR
1 1/2" = 1'-0"



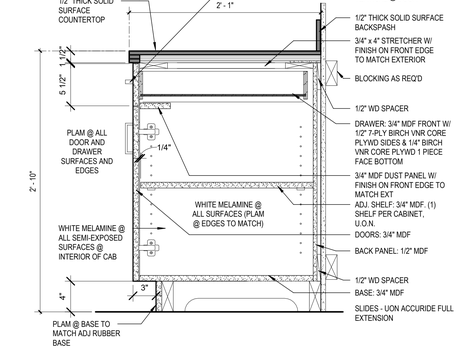
10 TYPICAL WORK COUNTER W/ PLASTIC LAMINATE
1 1/2" = 1'-0"



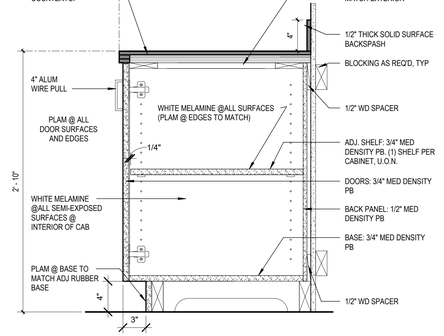
9 TYPICAL WORK COUNTER W/ SOLID SURFACE
1 1/2" = 1'-0"



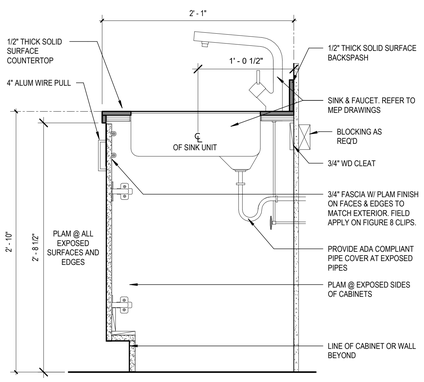
7 BASE CABINET WITH (4) DRAWERS
1 1/2" = 1'-0"



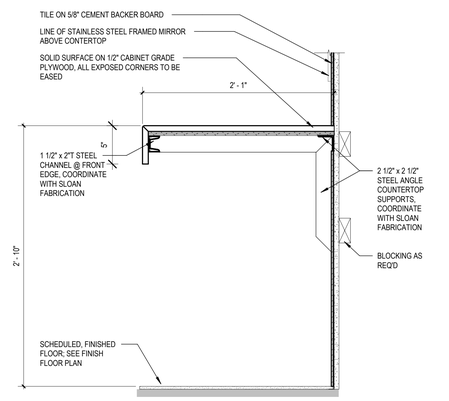
6 BASE CABINET WITH (1) DOOR & (1) DRAWER
1 1/2" = 1'-0"



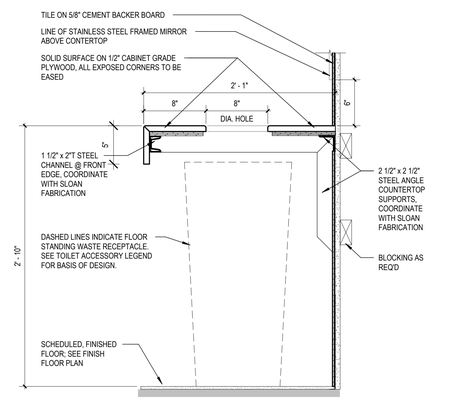
5 BASE CABINET WITH (1) DOOR
1 1/2" = 1'-0"



4 BASE CABINET WITH ACCESSIBLE SINK
1 1/2" = 1'-0"

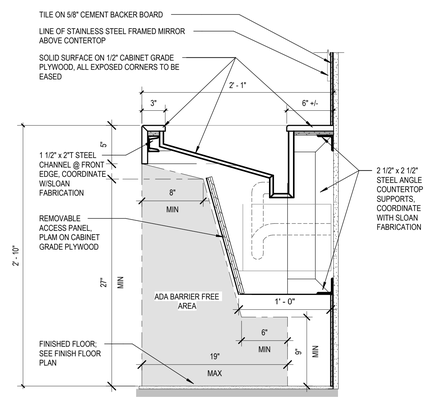


3 DETAIL AT TOILET ROOM COUNTERTOP
1 1/2" = 1'-0"



NOTE: DETAIL SHALL BE A CONTINUATION OF THE COUNTERTOP ON THE SLOAN "AER DEC" LAVATORY SYSTEM

2 DETAIL AT TOILET ROOM WASTE RECEPTACLE
1 1/2" = 1'-0"



NOTE: DETAIL IS BASED ON THE SLOAN "AER DEC" LAVATORY SYSTEM

1 DETAIL AT TOILET ROOM LAVATORY
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - MILLWORK - CABINETS AND CASEGOODS

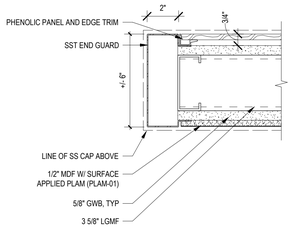
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

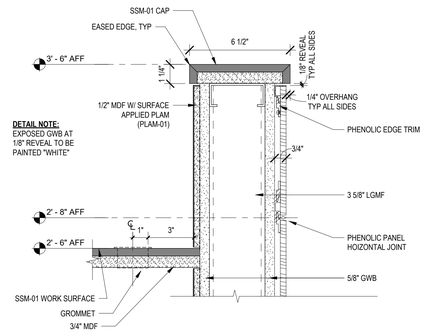
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

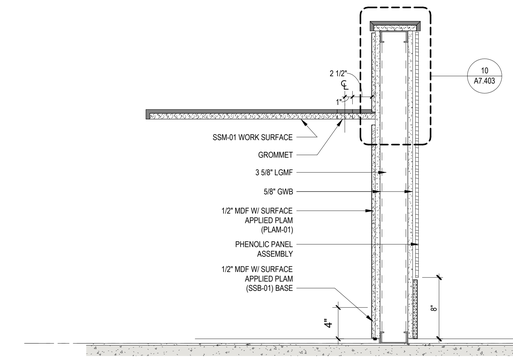
SHEET NUMBER:
A7.402



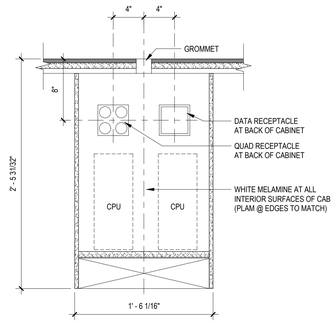
11 CAR RENTAL DESK SECTION DETAIL @ SST ENDGUARD
3" = 1'-0"



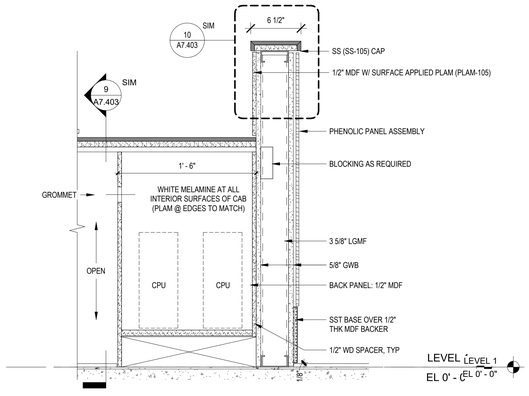
10 CAR RENTAL DESK SECTION DETAIL @ SOLID SURFACE CAP
3" = 1'-0"



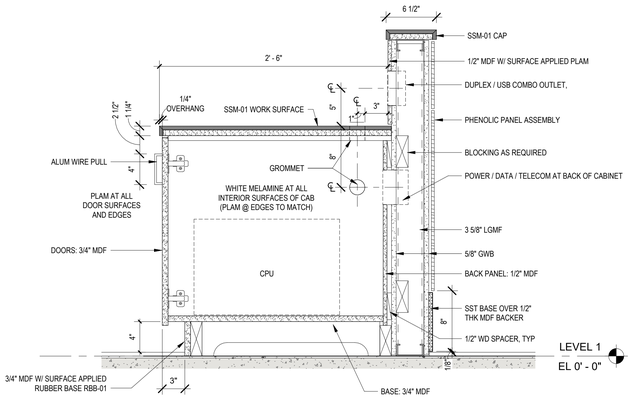
9 CAR RENTAL DESK SECTION DETAIL @ WORKSURFACE
1 1/2" = 1'-0"



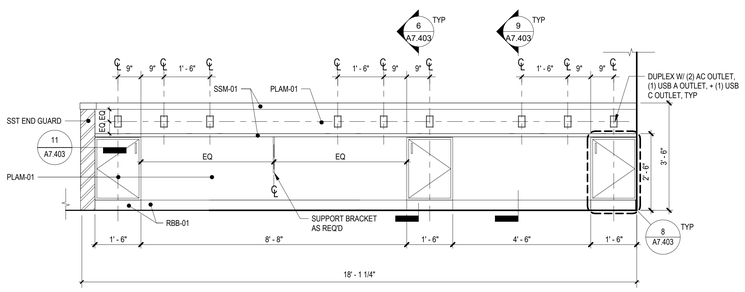
8 MILLWORK DETAIL - POWER AT BACK OF CPU CABINET
1 1/2" = 1'-0"



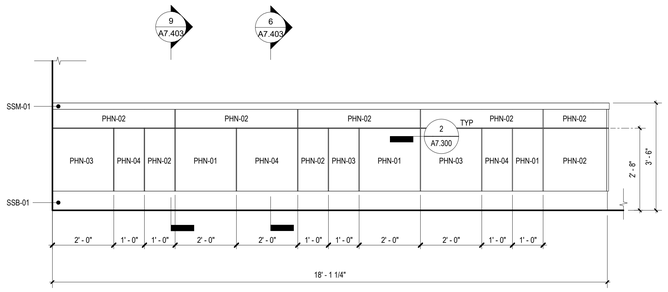
7 CAR RENTAL DESK SECTION DETAIL @ RETURN WALL
1 1/2" = 1'-0"



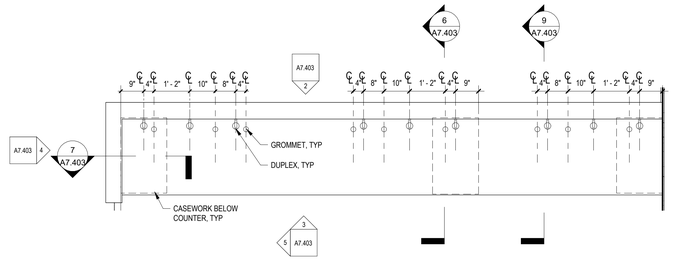
6 CAR RENTAL DESK SECTION DETAIL @ CPU CABINET
1 1/2" = 1'-0"



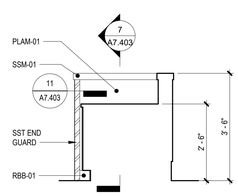
3 CAR RENTAL DESK - BACK ELEVATION
1/2" = 1'-0"



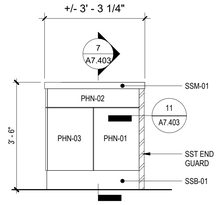
2 CAR RENTAL DESK - FRONT ELEVATION
1/2" = 1'-0"



1 ENLARGED PLAN - CAR RENTAL DESK
1/2" = 1'-0"



5 CAR RENTAL DESK - INSIDE ELEVATION
1/2" = 1'-0"



4 CAR RENTAL DESK - SIDE ELEVATION
1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - MILLWORK - CAR RENTAL

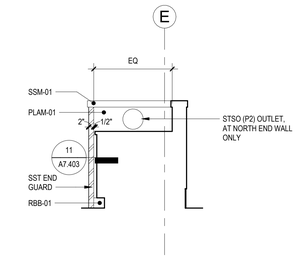
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

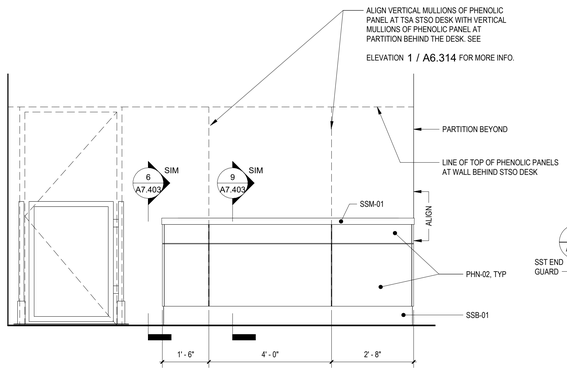
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

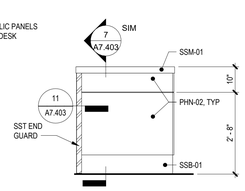
SHEET NUMBER:
A7.403



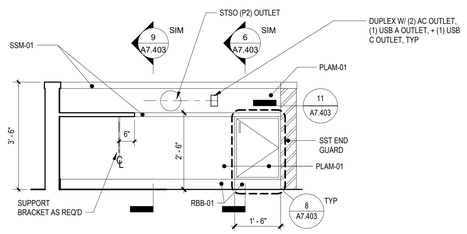
8 TSA STSO DESK - TYPICAL INSIDE ELEVATION AT END WALL
1/2" = 1'-0"



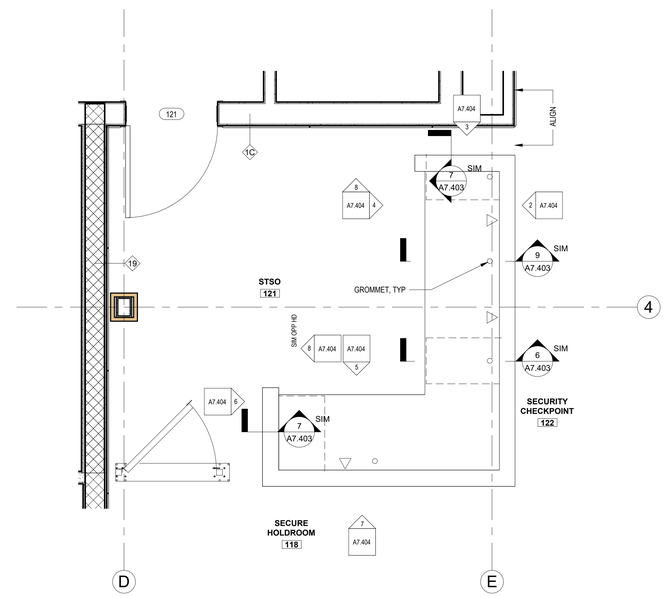
7 TSA STSO DESK - ELEVATION 6
1/2" = 1'-0"



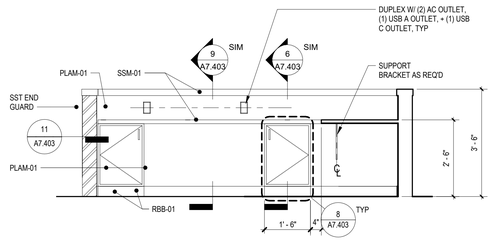
6 TSA STSO DESK - ELEVATION 5
1/2" = 1'-0"



5 TSA STSO DESK - ELEVATION 4
1/2" = 1'-0"



1 ENLARGED PLAN - TSA STSO DESK
1/2" = 1'-0"



4 TSA STSO DESK - ELEVATION 3
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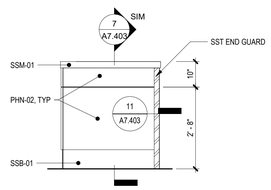
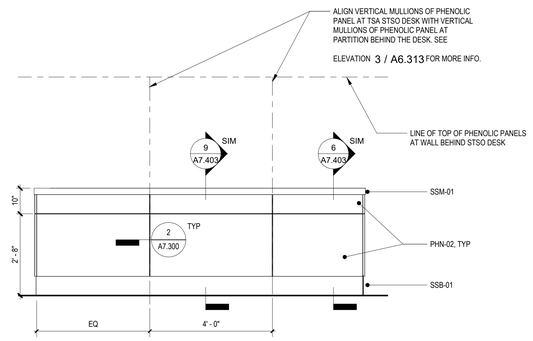


3 TSA STSO DESK - ELEVATION 2
1/2" = 1'-0"



2 TSA STSO DESK - ELEVATION 1
1/2" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - MILLWORK - TSA STSO DESK

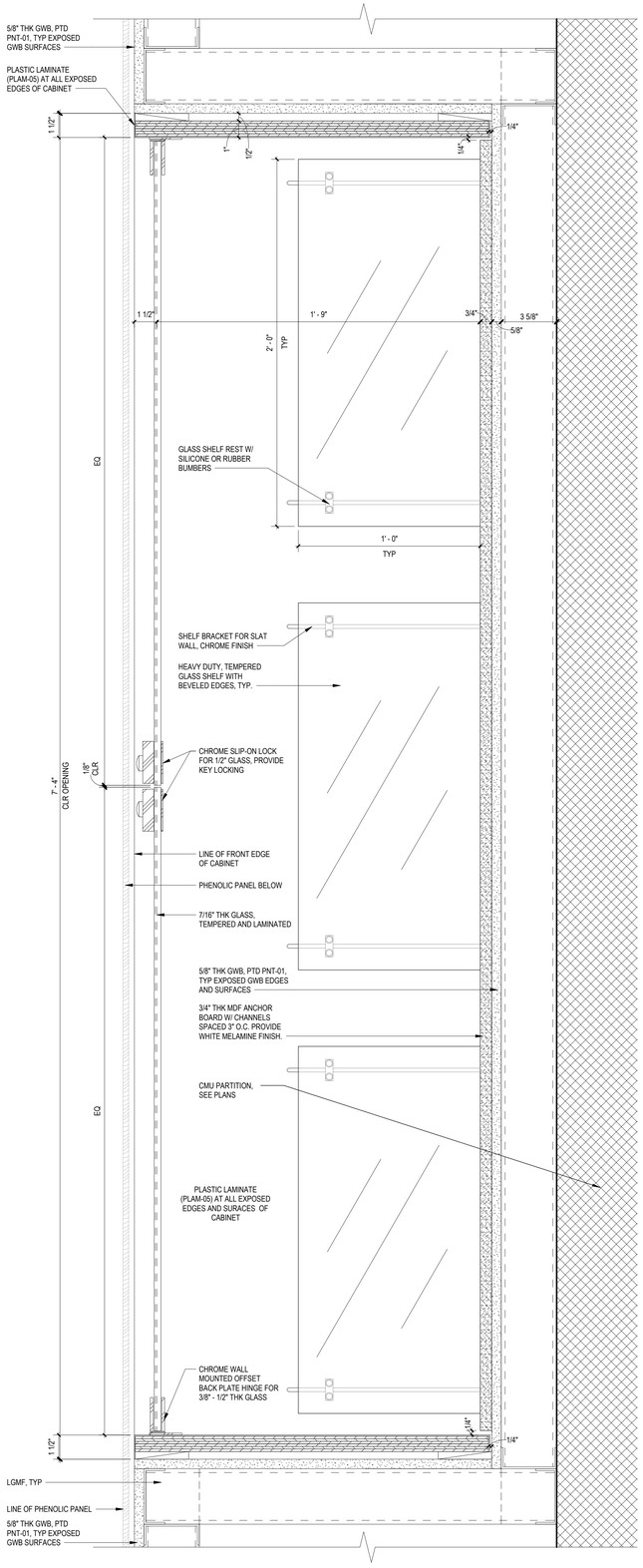
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

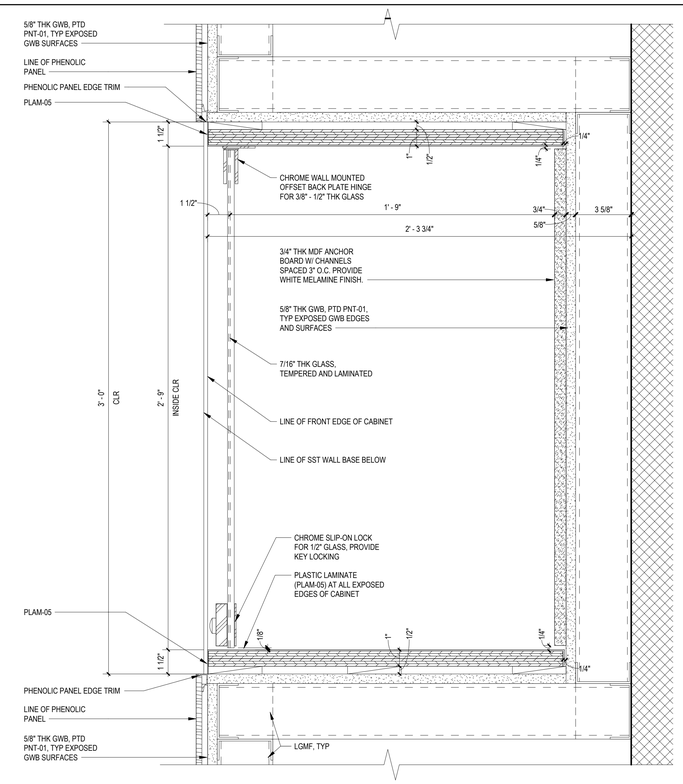
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

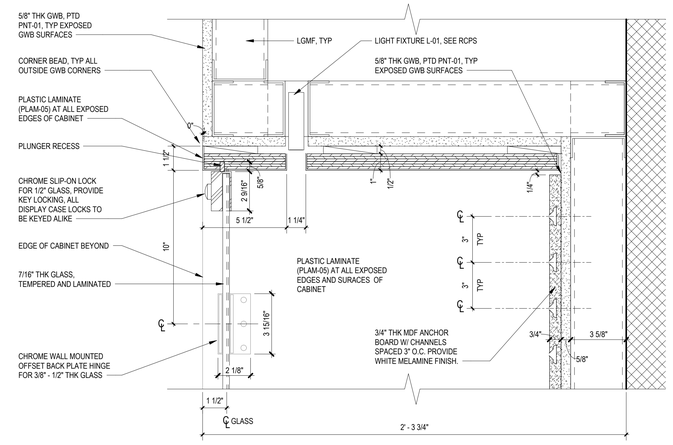
SHEET NUMBER:
A7.404



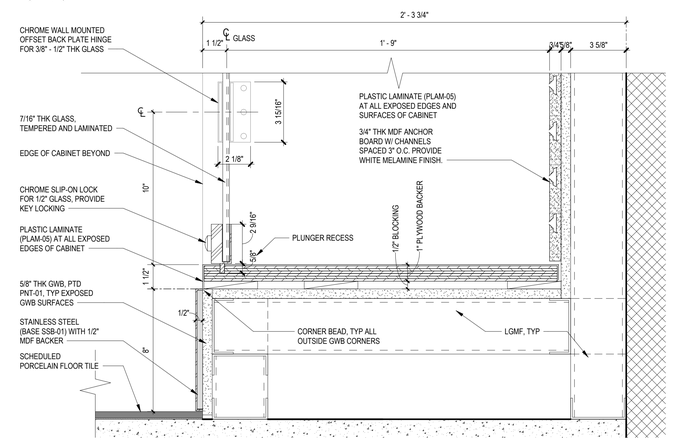
6 PLAN SECTION AT DOUBLE DOOR DISPLAY CASE
3" = 1'-0"



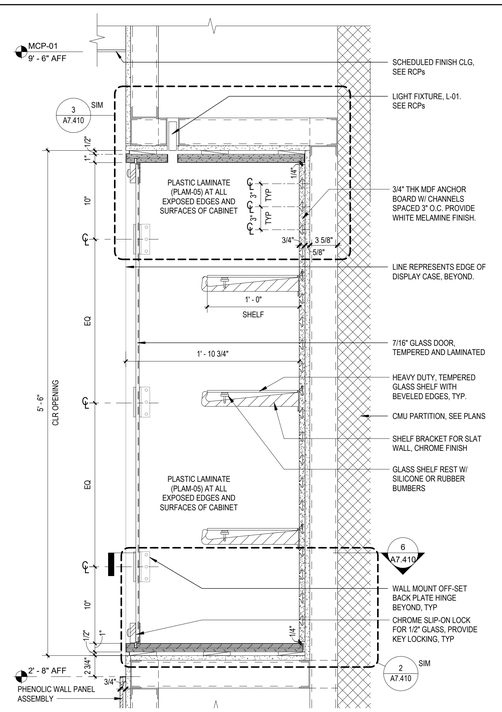
5 PLAN SECTION AT FULL HEIGHT DISPLAY CASE
3" = 1'-0"



3 SECTION DETAIL AT DISPLAY CASE HEADER W/ LIGHT FIXTURE
3" = 1'-0"



2 SECTION DETAIL AT FULL HEIGHT DISPLAY CASE BASE
3" = 1'-0"



4 SECTION DETAIL AT DISPLAY CASE W/ ADJUSTABLE SHELVES
1 1/2" = 1'-0"

1 SECTION DETAIL AT FULL HEIGHT DISPLAY CASE
1 1/2" = 1'-0"

GRAPHIC SCALE:
0' 16" 32" 48"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

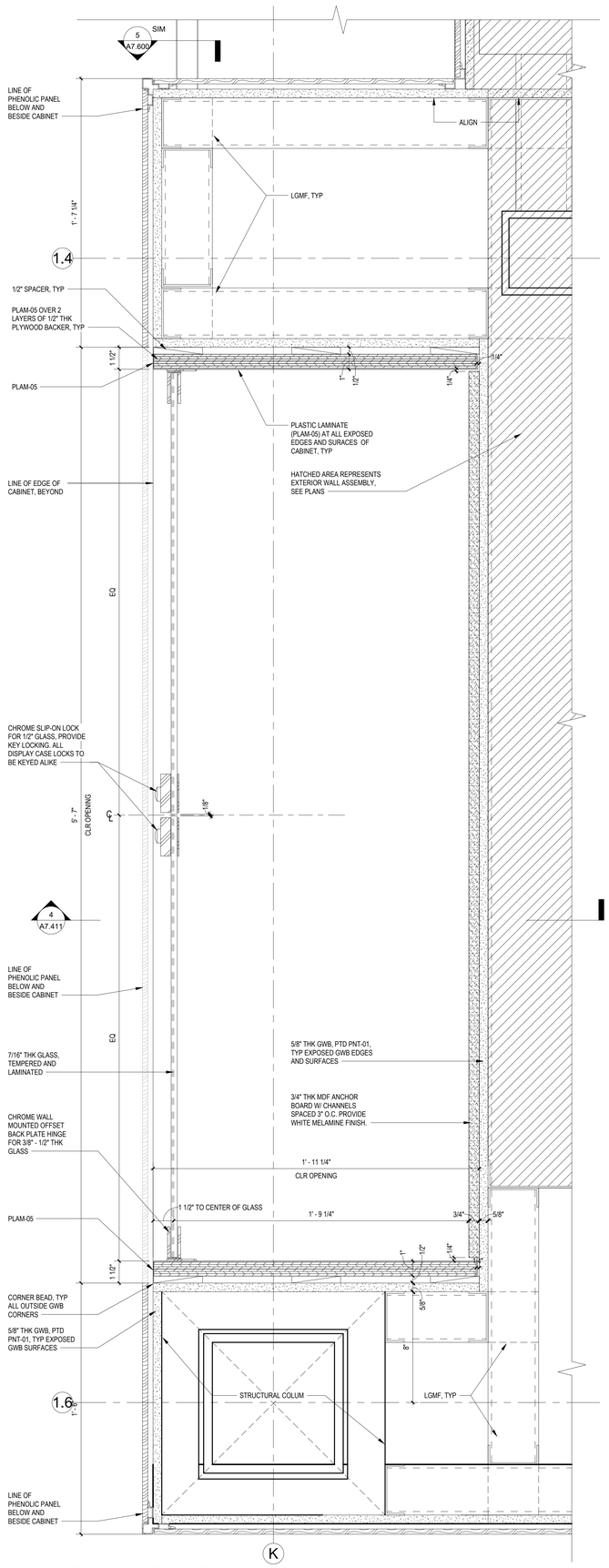
SHEET TITLE:
INTERIOR DETAILS - DISPLAY CASES
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

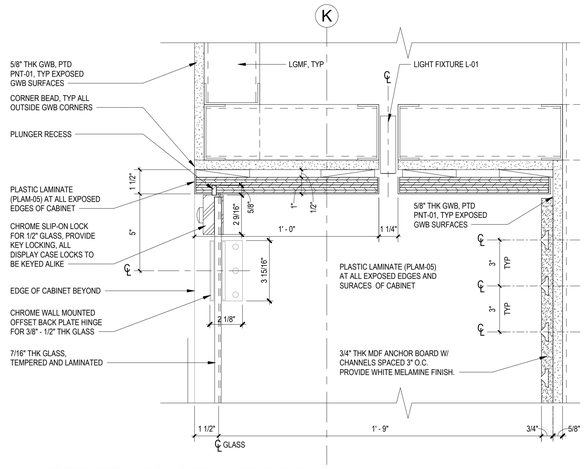
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

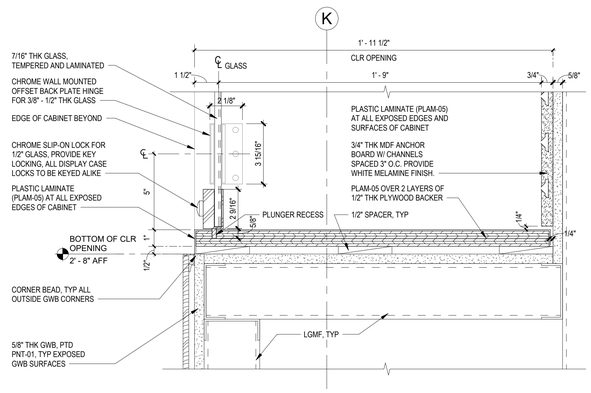
SHEET NUMBER:
A7.410



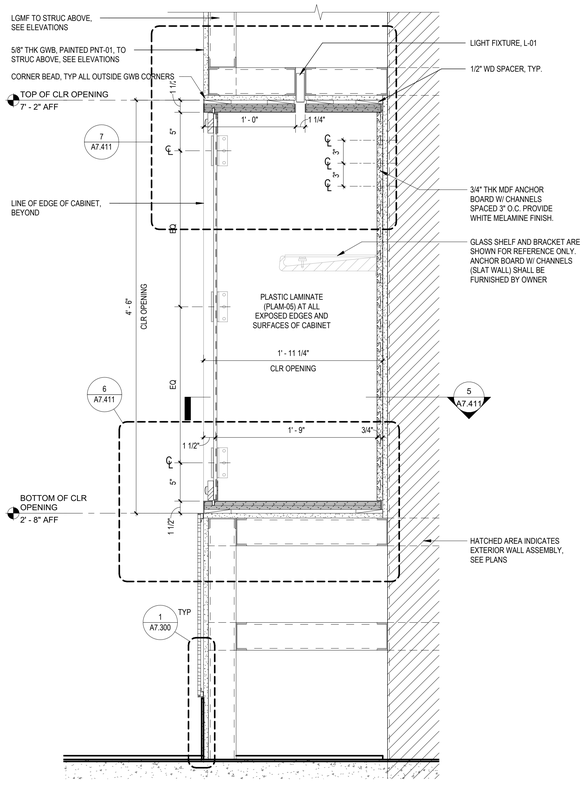
5 PLAN SECTION AT ELM DISPLAY CASE
3" = 1'-0"



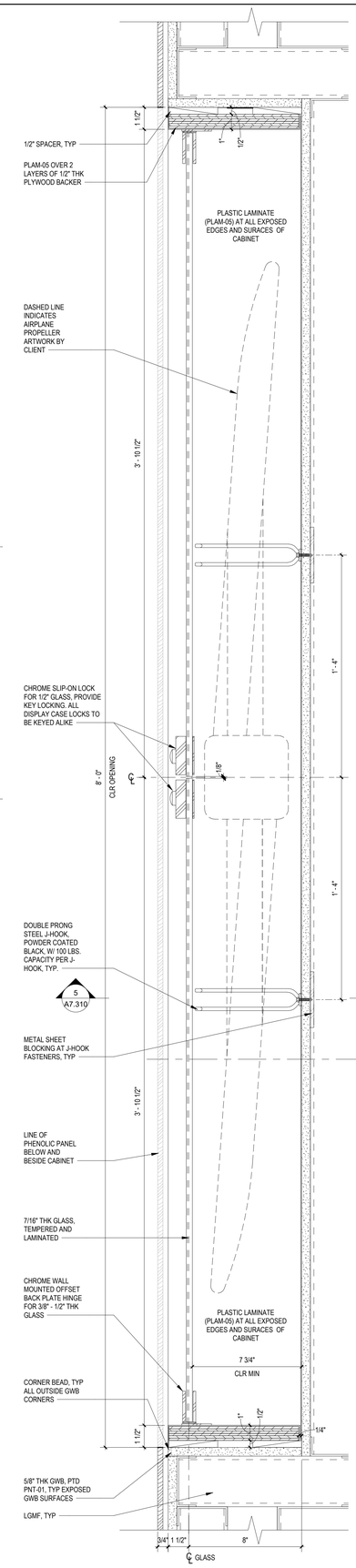
7 SECTION DETAIL AT ELM DISPLAY CASE HEADER
3" = 1'-0"



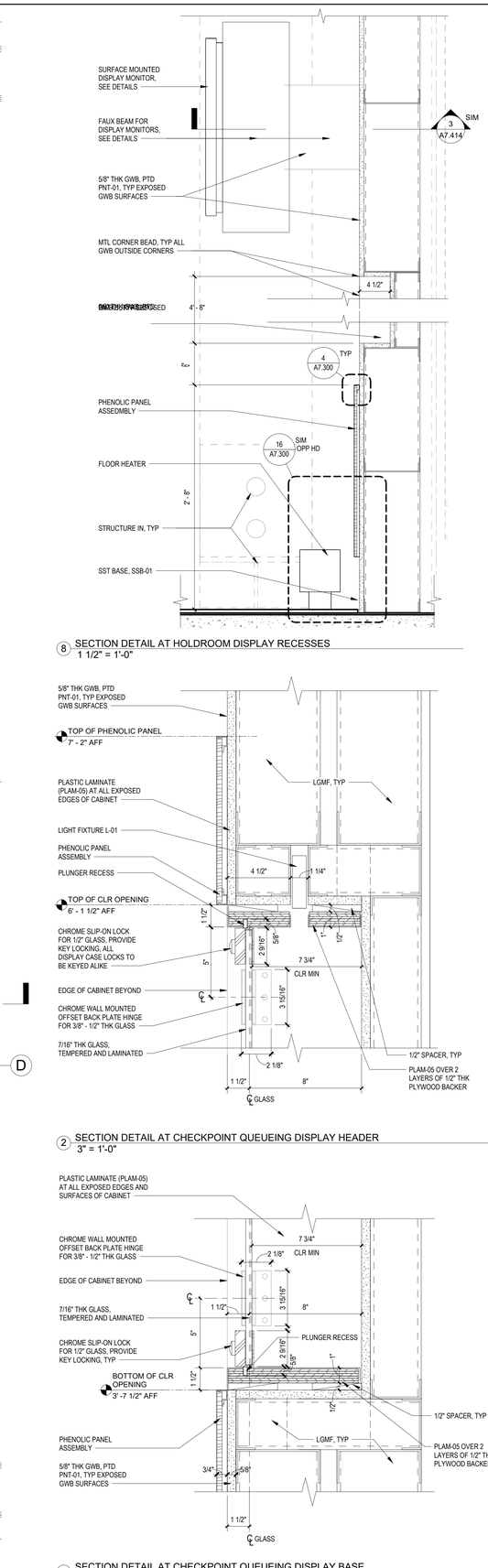
6 SECTION DETAIL AT ELM DISPLAY CASE BASE
3" = 1'-0"



4 SECTION DETAIL AT ELM DISPLAY CASE
1 1/2" = 1'-0"



3 PLAN SECTION AT CHECKPOINT QUEUEING DISPLAY CASE
3" = 1'-0"



8 SECTION DETAIL AT HOLDROOM DISPLAY RECESSES
1 1/2" = 1'-0"

2 SECTION DETAIL AT CHECKPOINT QUEUEING DISPLAY HEADER
3" = 1'-0"

1 SECTION DETAIL AT CHECKPOINT QUEUEING DISPLAY BASE
3" = 1'-0"

GRAPHIC SCALE:
0' 16" 32" 48'

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

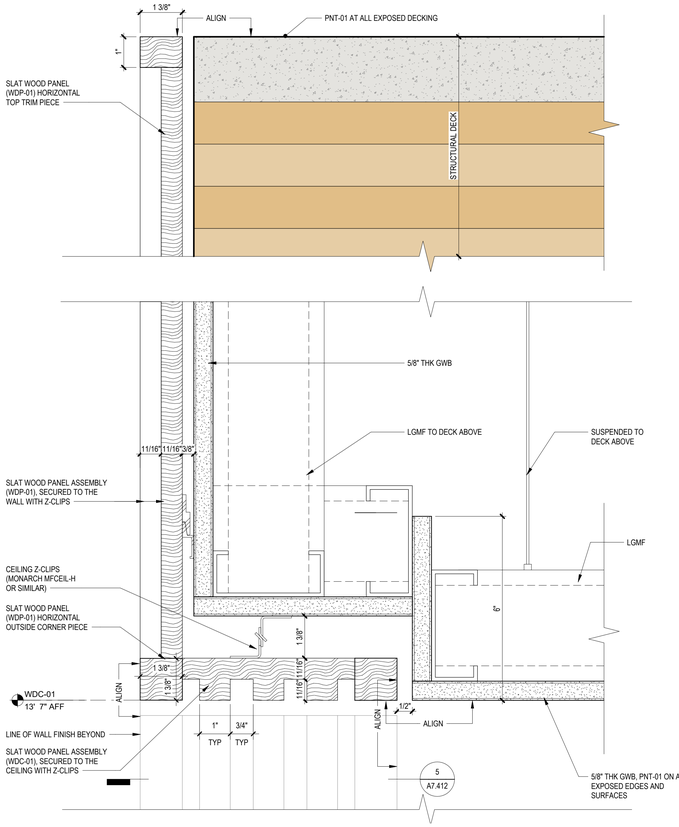
SHEET TITLE:
INTERIOR DETAILS - DISPLAY CASES
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

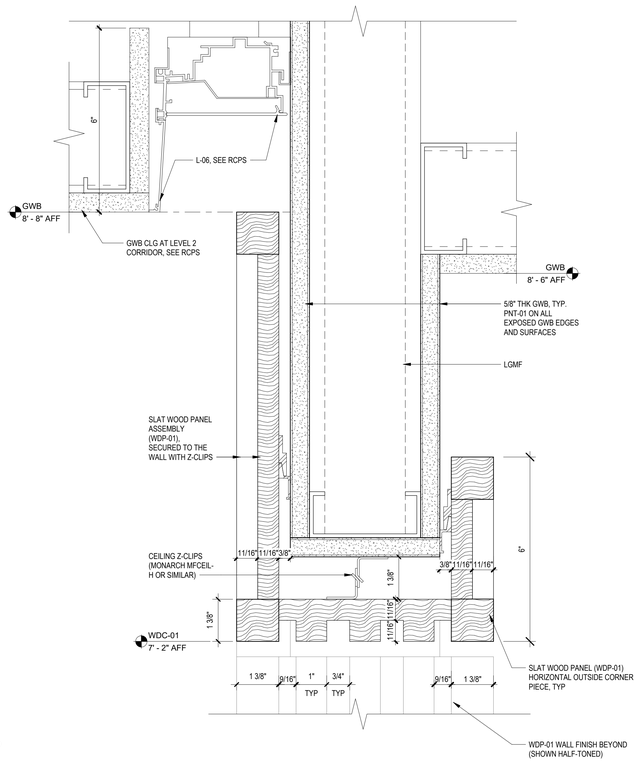
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

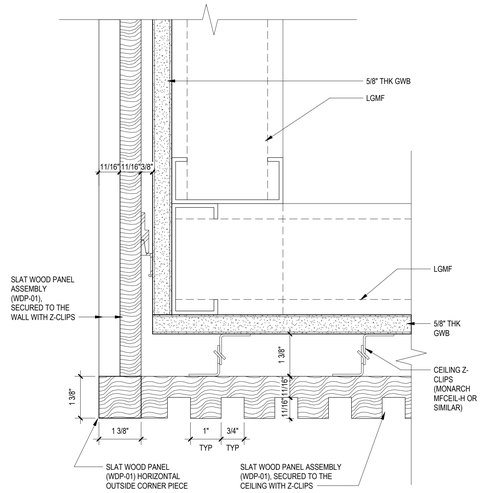
SHEET NUMBER:
A7.411



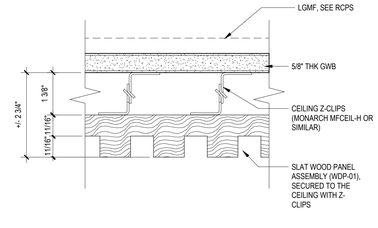
8 CEILING DETAIL AT MAIN ENTRANCE
6" = 1'-0"



10 SECTION DETAIL AT PASSENGER WAITING ENTRY PORTAL SOFFIT
6" = 1'-0"



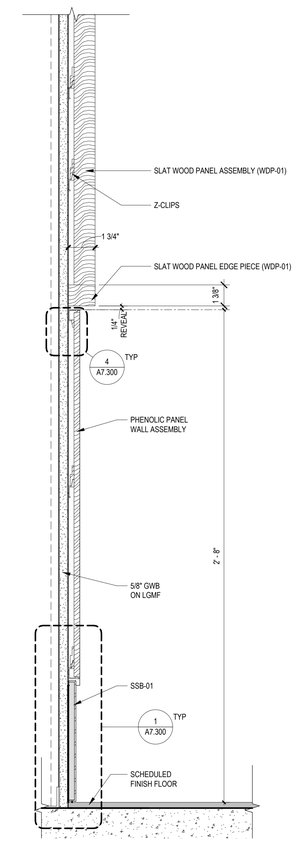
7 SECTION DETAIL AT CHECKPOINT PORTAL ENTRY CEILING CORNER
6" = 1'-0"



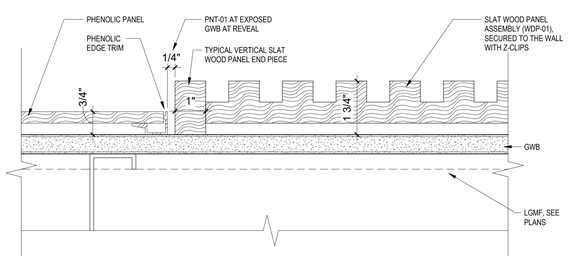
6 CEILING DETAIL AT SLAT WOOD PANEL ASSEMBLY
6" = 1'-0"

9 PLAN DETAIL AT SLAT WOOD PANEL WING WALL TYPE 2
6" = 1'-0"

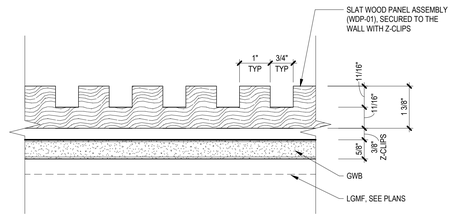
5 PLAN DETAIL AT SLAT WOOD PANEL WING WALL TYPE 1
6" = 1'-0"



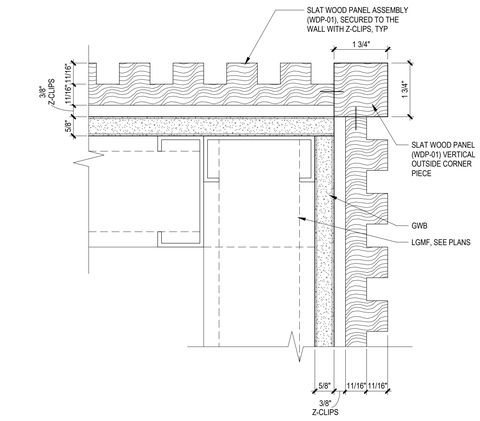
1 SECTION DETAIL AT TYP SLAT WOOD PANEL WALL
3" = 1'-0"



4 PLAN DETAIL AT TRANSITION FROM SLAT WOOD PANEL TO PHENOLIC PANEL
6" = 1'-0"



3 PLAN DETAIL AT TYPICAL SLAT WOOD PANEL ASSEMBLY
6" = 1'-0"



2 PLAN DETAIL AT TYPICAL CORNER OF SLAT WOOD PANEL ASSEMBLY
6" = 1'-0"

GRAPHIC SCALE:
0' 16' 32' 48'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - SLAT WOOD PANELS

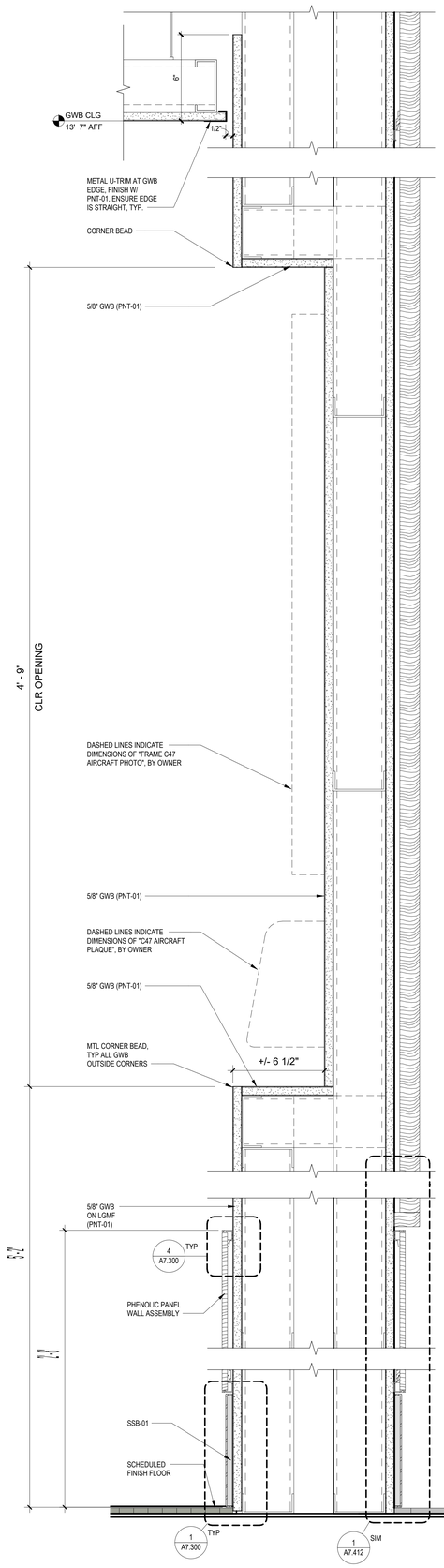
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

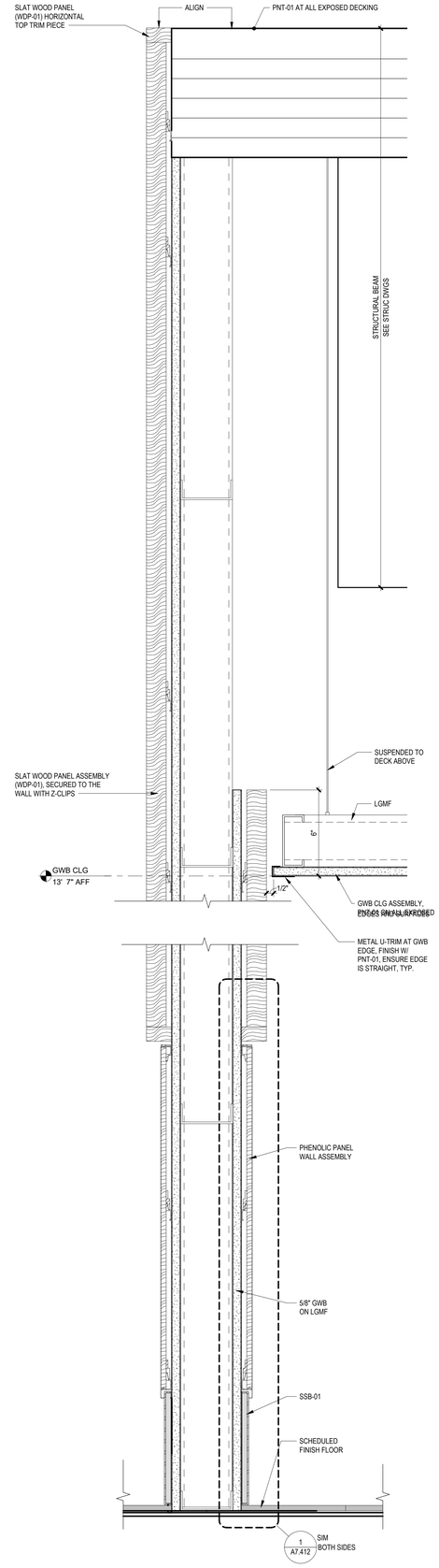
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

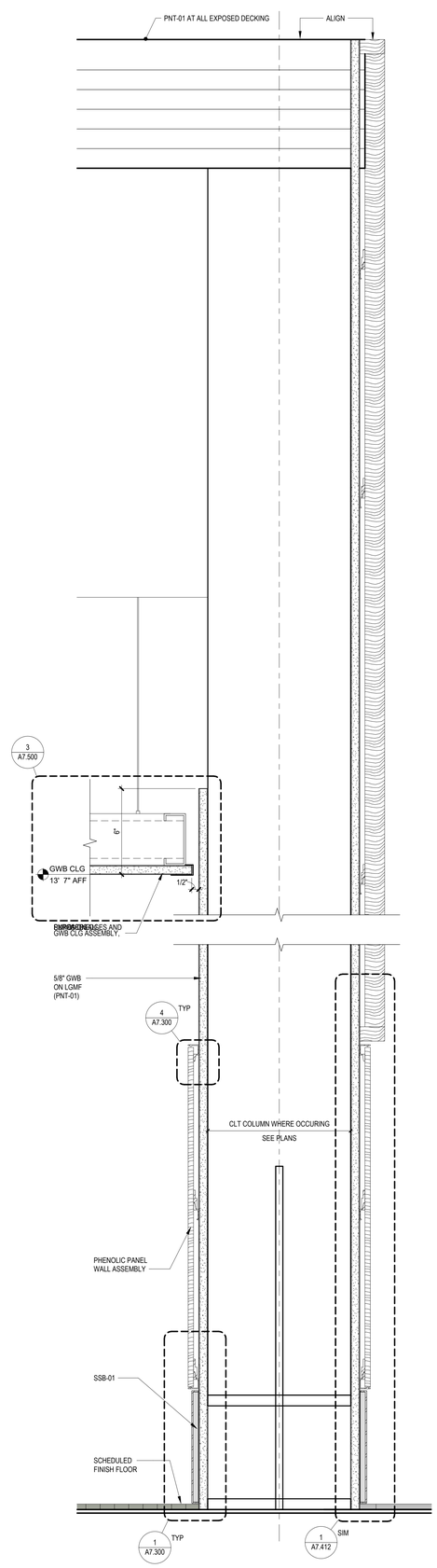
SHEET NUMBER:
A7.412



3 SECTION DETAIL AT SLAT WOOD PANEL WALL 3
3" = 1'-0"



2 SECTION DETAIL AT SLAT WOOD PANEL WALL 2
3" = 1'-0"



1 SECTION DETAIL AT SLAT WOOD PANEL WALL 1
3" = 1'-0"

GRAPHIC SCALE:
0' 16' 32' 48'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

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REV. NO.	DATE	DESCRIPTION	BY

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AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - SLAT WOOD PANEL WALL SECTIONS

BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
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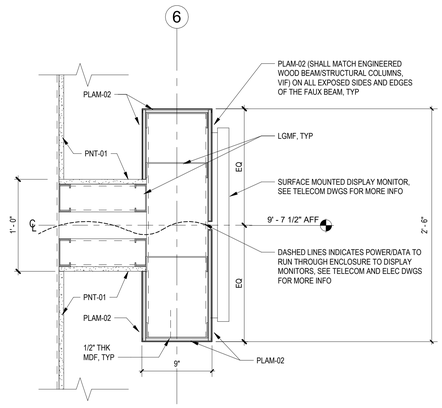
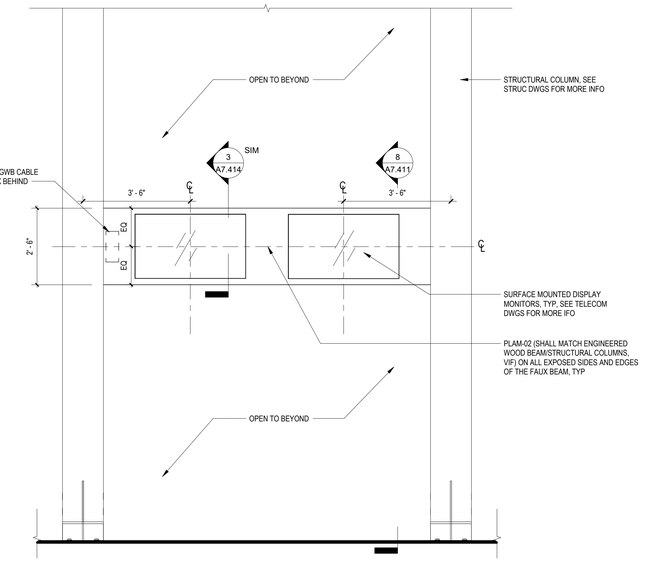
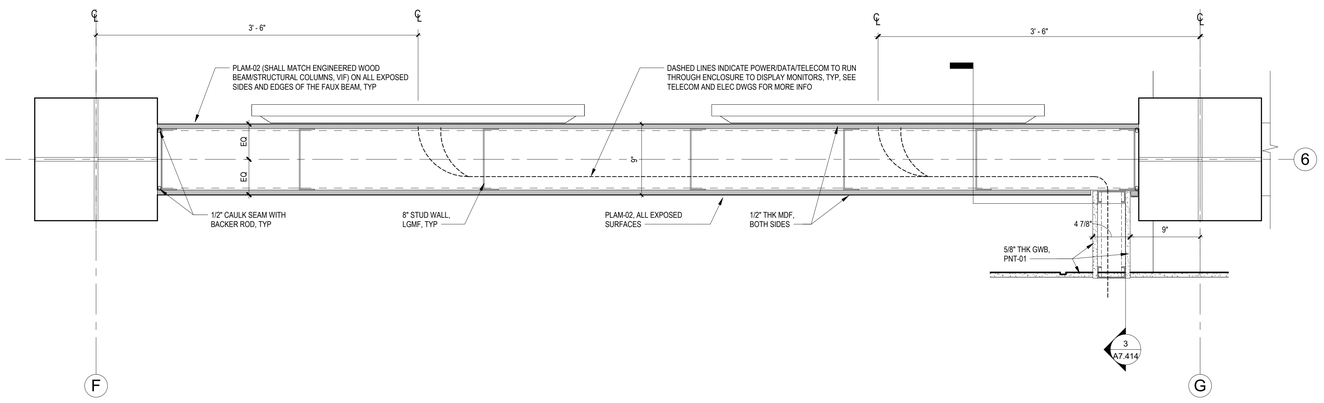
A7.413



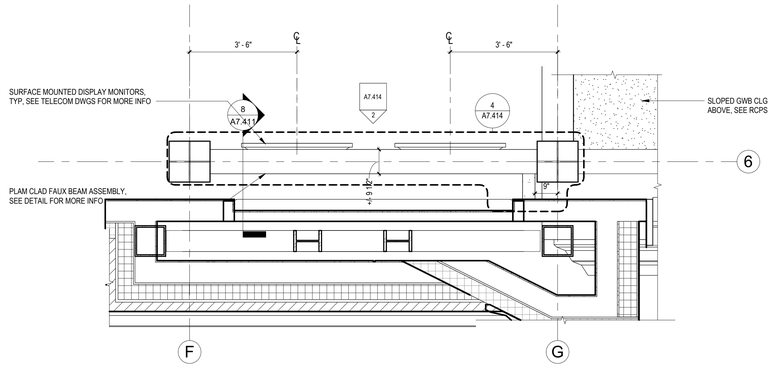
3 SECTION DETAIL AT HOLDROOM DISPLAY MONITORS
1 1/2" = 1'-0"



2 ELEVATION AT TYPICAL HOLDROOM DISPLAY MONITORS
1/2" = 1'-0"



4 ENLARGED PLAN DETAIL AT HOLDROOM DISPLAY MONITORS
1 1/2" = 1'-0"



1 ENLARGED PLAN - HOLDROOM DISPLAY MONITORS
1/2" = 1'-0"

GRAPHIC SCALE:
0' 16" 32' 48'

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - HOLDROOM DISPLAY MONITORS

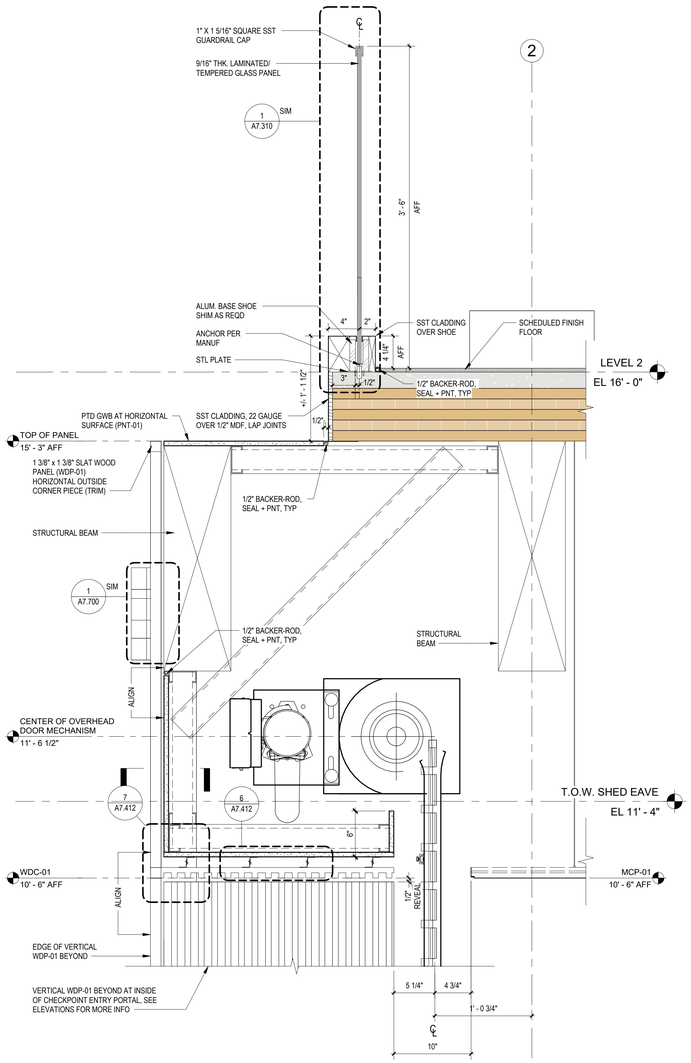
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

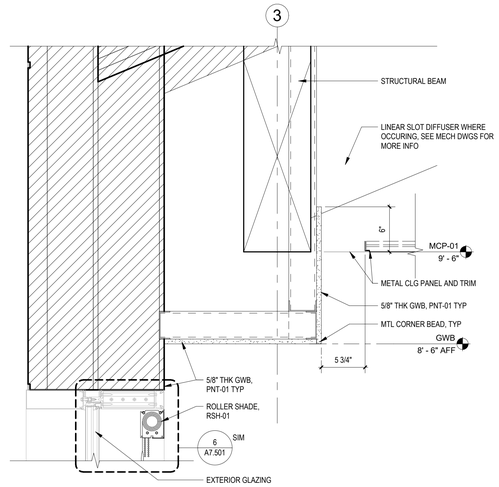
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

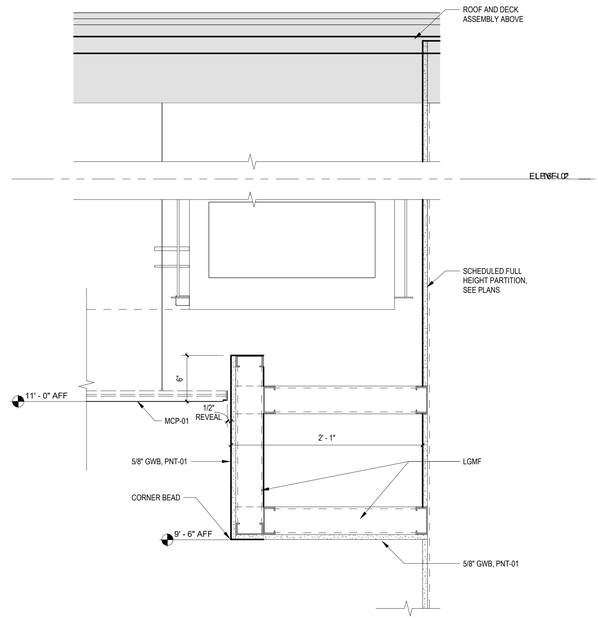
SHEET NUMBER:
A7.414



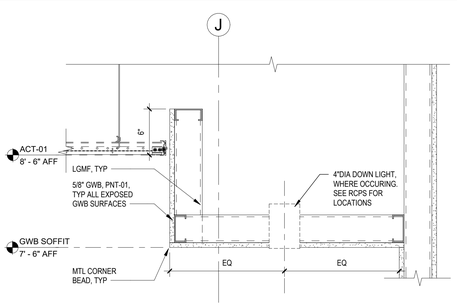
6 SECTION DETAIL AT CHECKPOINT PORTAL ENTRY CEILING
1 1/2" = 1'-0"



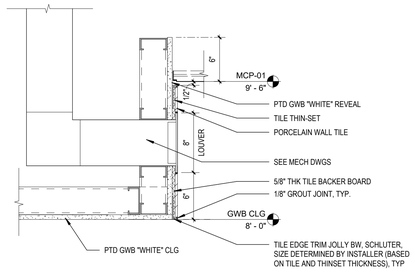
8 SECTION DETAIL AT PASSENGER WAITING SOFFIT
1 1/2" = 1'-0"



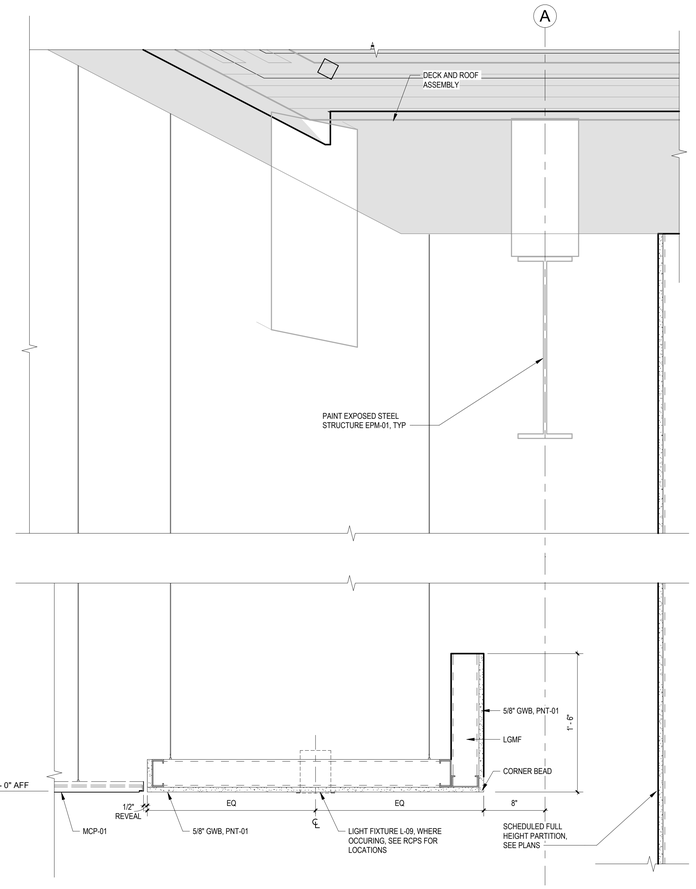
5 SECTION DETAIL 2 AT CAR RENTAL CEILING
1 1/2" = 1'-0"



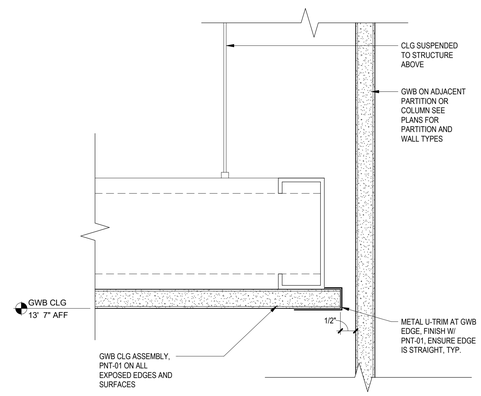
7 SECTION DETAIL AT BOARD ROOM SOFFIT
1 1/2" = 1'-0"



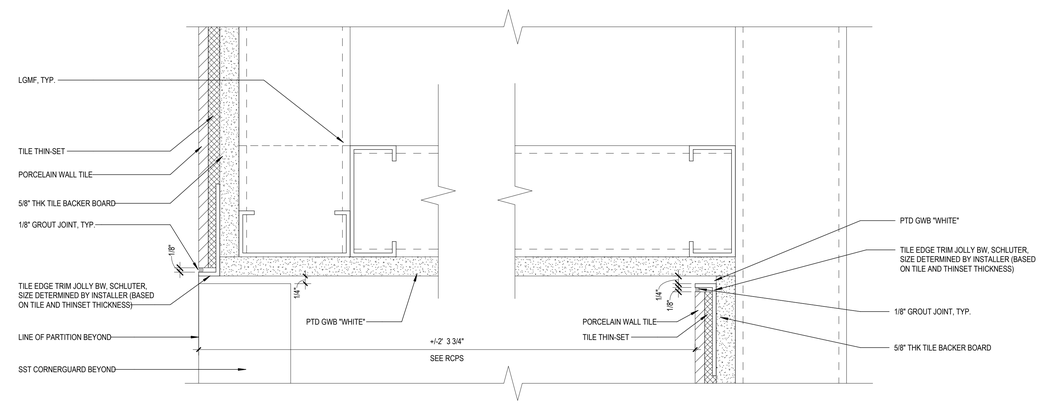
9 LEVEL 2 TOILET ROOM SOFFIT DETAIL AT MECH LOUVER
1 1/2" = 1'-0"



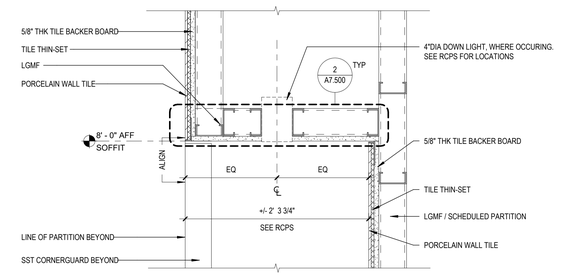
4 SECTION DETAIL 1 AT CAR RENTAL CEILING
1 1/2" = 1'-0"



3 TYPICAL GWB CLG CONDITION AT MAIN ENTRANCE
6" = 1'-0"



2 ENLARGED SECTION DETAIL AT TOILET ROOM SOFFIT OVER LAVS
6" = 1'-0"



1 SECTION DETAIL AT TOILET ROOM SOFFIT OVER LAVS
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - CEILINGS

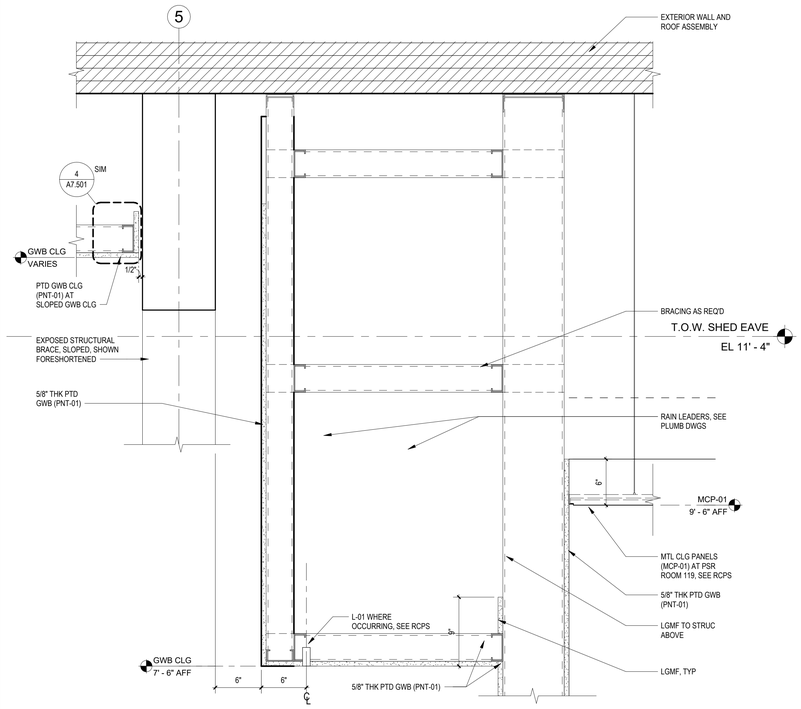
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

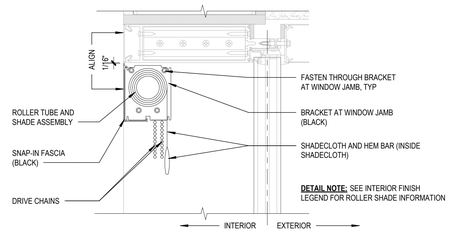
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

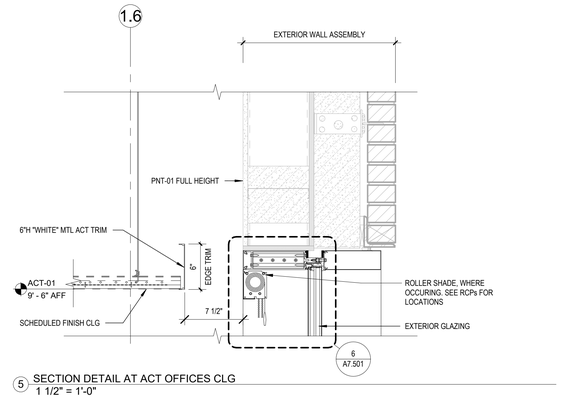
SHEET NUMBER:
A7.500



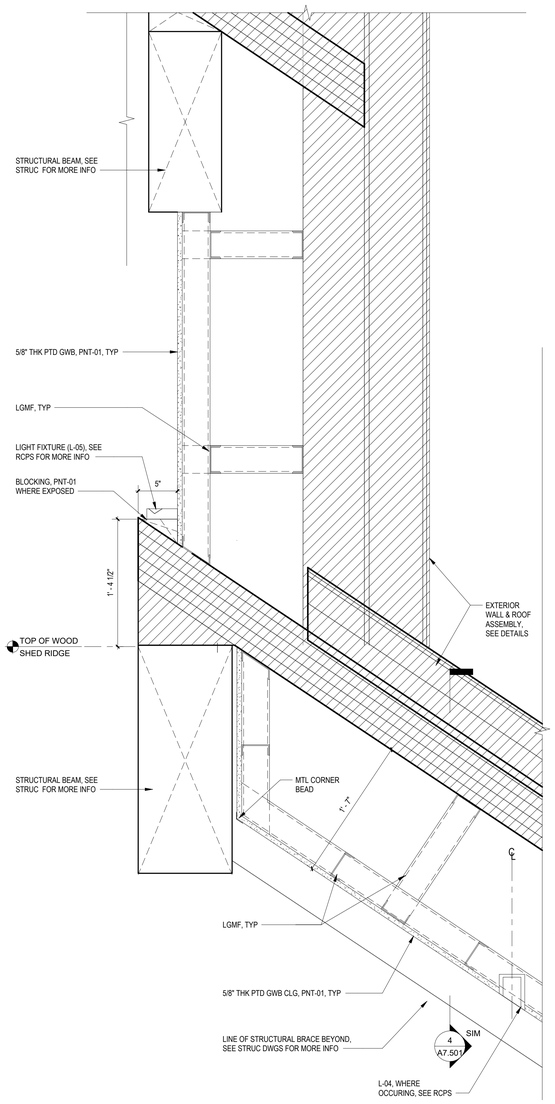
7 SECTION DETAIL AT AIRSIDE CONCESSION SOFFIT
1 1/2" = 1'-0"



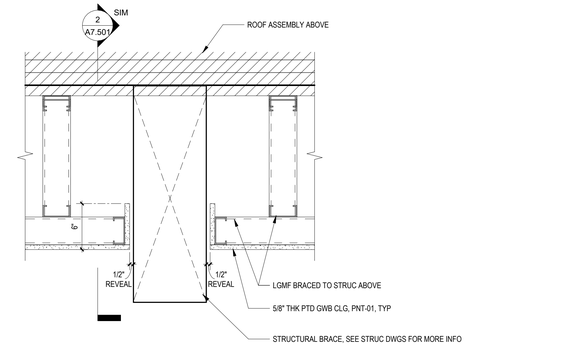
6 TYPICAL DETAIL AT MANUAL WINDOW ROLLER SHADE RSH-01
3" = 1'-0"



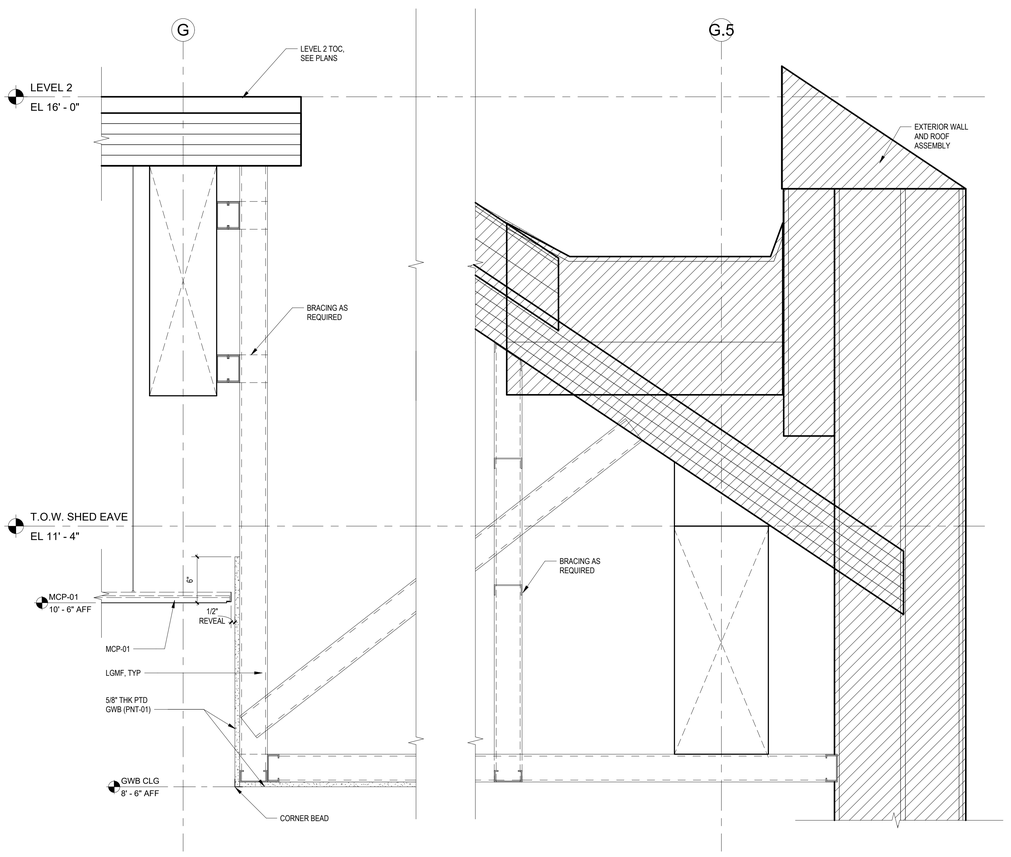
5 SECTION DETAIL AT ACT OFFICES CLG
1 1/2" = 1'-0"



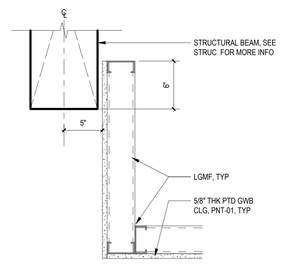
2 SECTION DETAIL AT TOP OF TYPICAL SHED ROOF GWB CLG
1 1/2" = 1'-0"



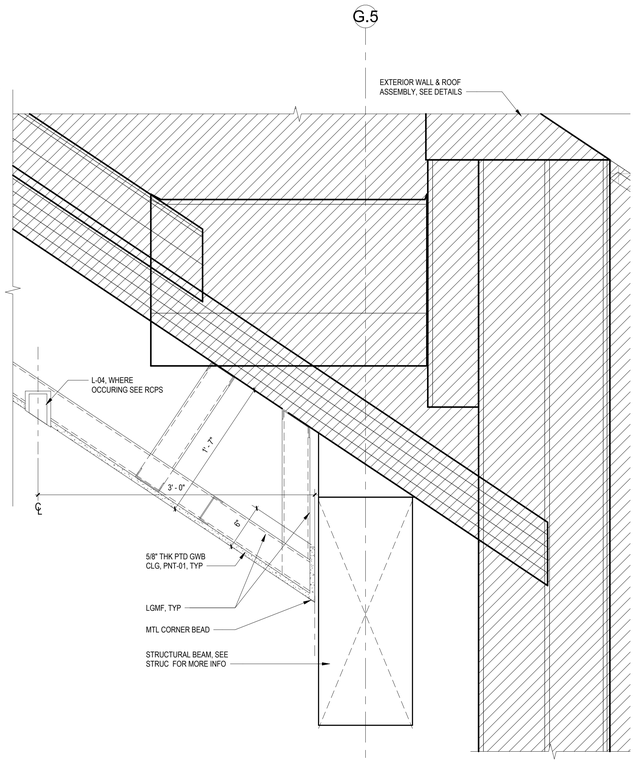
4 TYPICAL GWB CLG DETAIL AT AIRSIDE SLOPED ROOFS
1 1/2" = 1'-0"



3 SECTION DETAIL AT AIRSIDE TOILET ROOM CORRIDOR
1 1/2" = 1'-0"



8 VESTIBULE 105 SOFFIT
1 1/2" = 1'-0"



1 SECTION DETAIL AT BOTTOM OF TYPICAL SHED ROOF GWB CLG
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

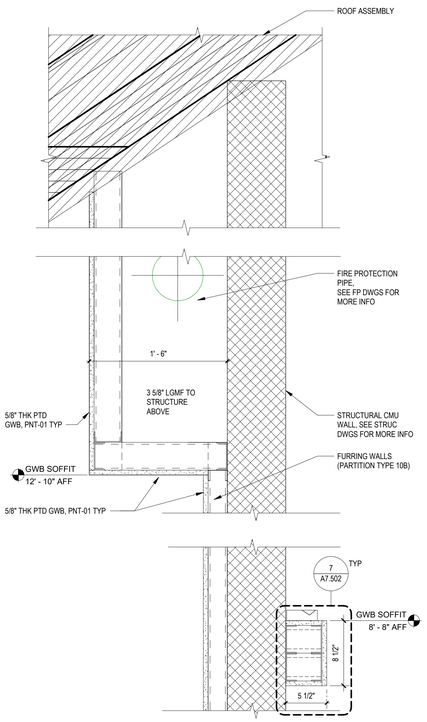
SHEET TITLE:
INTERIOR DETAILS - CEILINGS
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

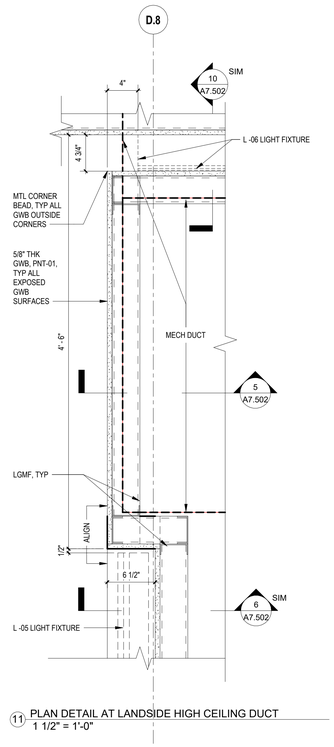
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

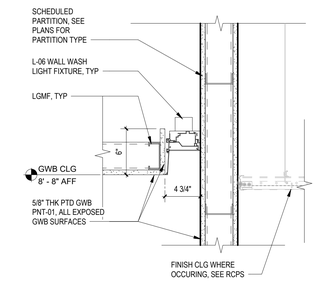
SHEET NUMBER:
A7.501



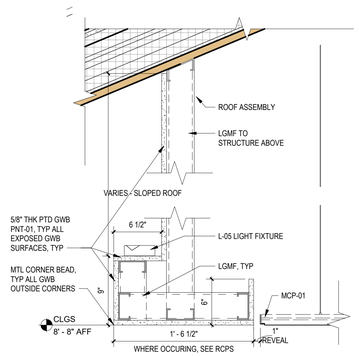
12 SECTION DETAIL AT FIRE PROTECTION PIPE COVER
1 1/2" = 1'-0"



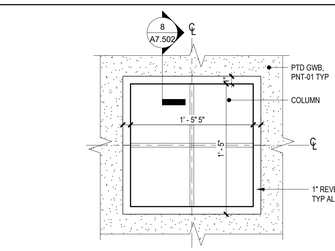
11 PLAN DETAIL AT LANDSIDE HIGH CEILING DUCT
1 1/2" = 1'-0"



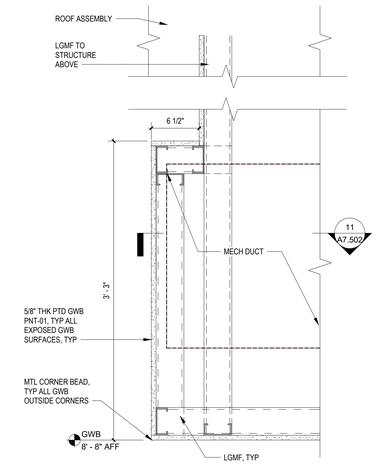
10 SECTION DETAIL AT TYPICAL LEVEL 2 WALL WASH FIXTURE
1 1/2" = 1'-0"



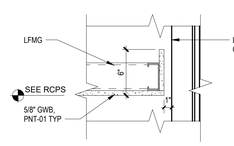
6 SECTION DETAIL AT LANDSIDE HIGH CEILINGS
1 1/2" = 1'-0"



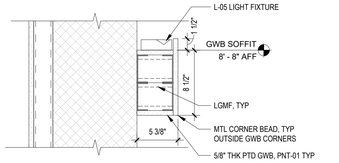
9 ENLARGED RCP DETAIL GWB CLG REVEAL AT COLUMNS
1 1/2" = 1'-0"



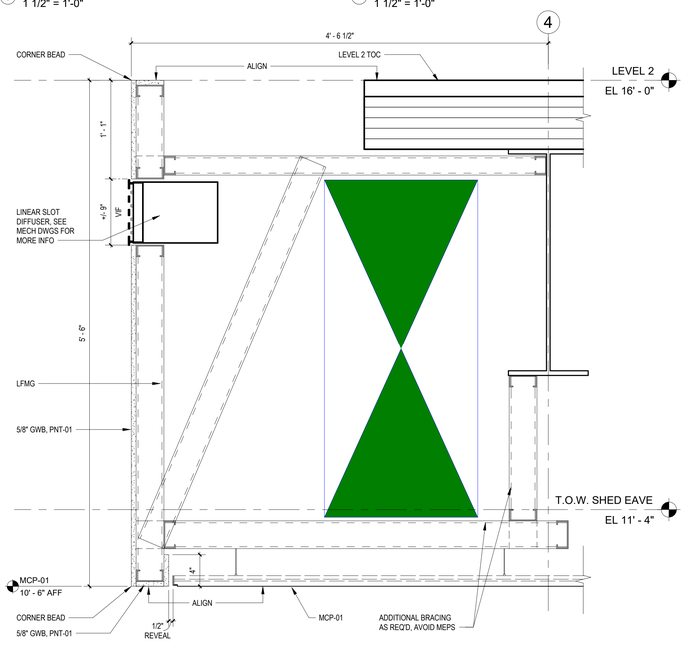
5 SECTION DETAIL AT LANDSIDE HIGH CLG DUCT
1 1/2" = 1'-0"



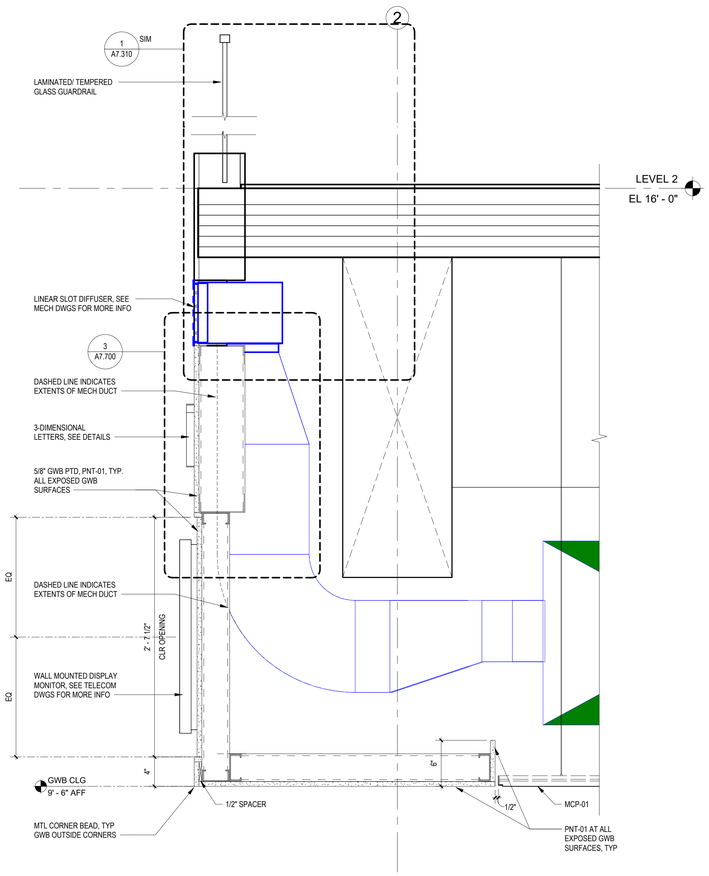
8 SECTION DETAIL AT GWB CLG REVEAL AROUND COLUMNS
1 1/2" = 1'-0"



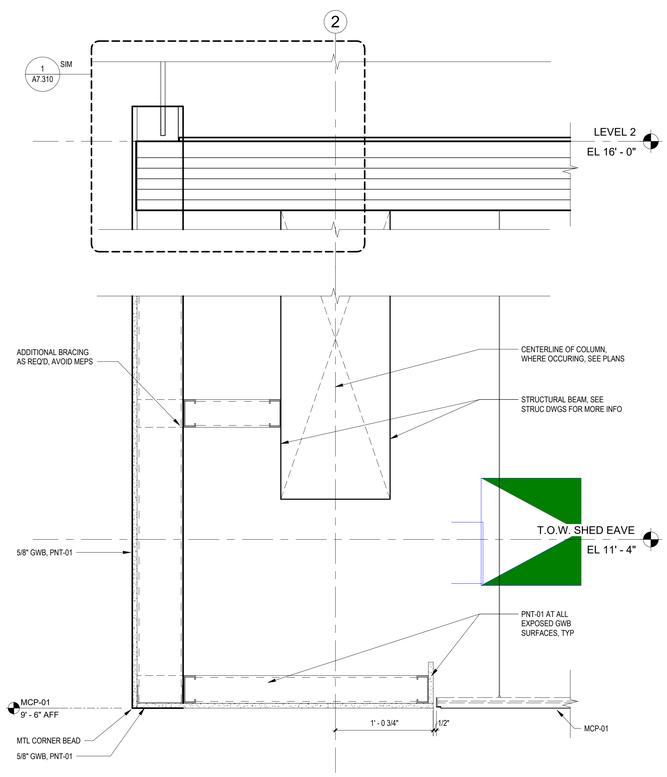
7 SECTION DETAIL AT ATTIC L-05 LIGHT FIXTURE SOFFIT
1 1/2" = 1'-0"



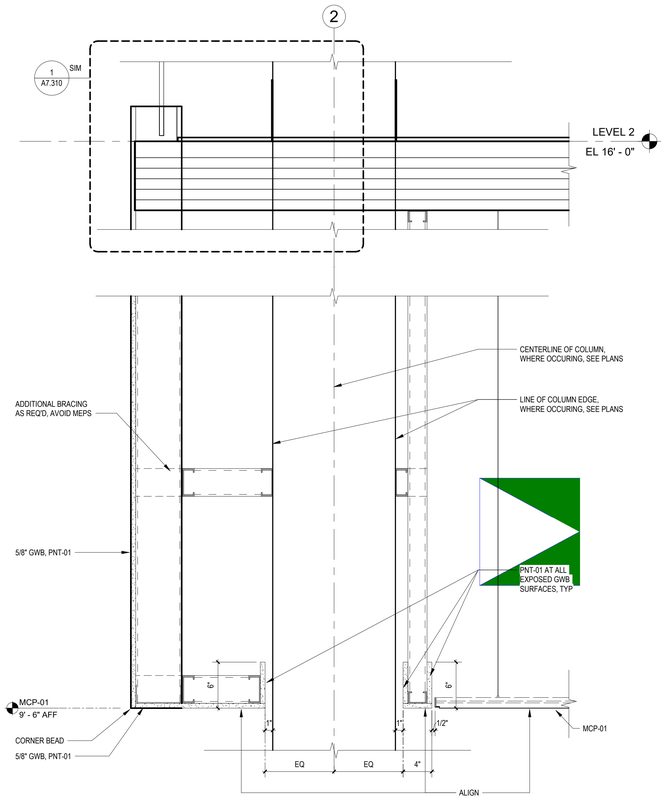
4 SECTION DETAIL AT SOFFIT OVER TSA STSO AREA
1 1/2" = 1'-0"



3 SECTION DETAIL AT SOFFIT OVER TICKETING DESKS
1 1/2" = 1'-0"



2 SECTION DETAIL AT SOFFIT OVER BAGGAGE CLAIM W/O COLUMN
1 1/2" = 1'-0"



1 SECTION DETAIL AT SOFFIT OVER BAGGAGE CLAIM W/ COLUMN
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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BERNARD JOSEPH CHRISTOPHER
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STATE OF MAINE

KEY PLAN:

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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - CEILINGS
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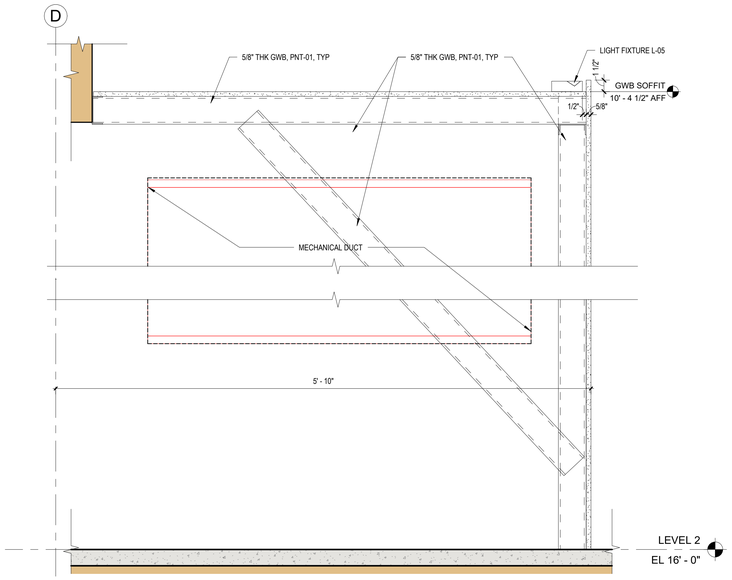
DISCIPLINE:
ARCHITECTURE

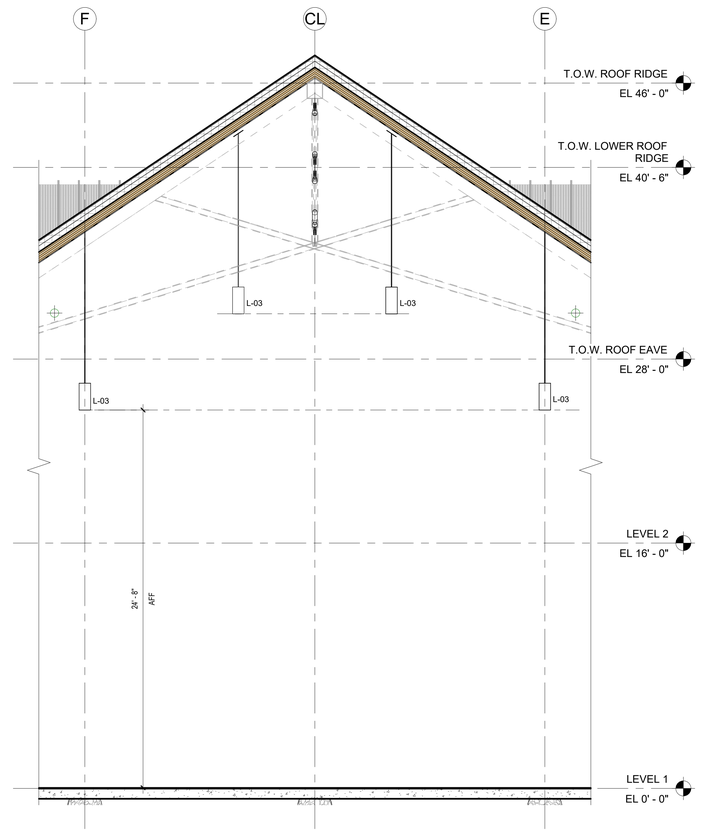
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

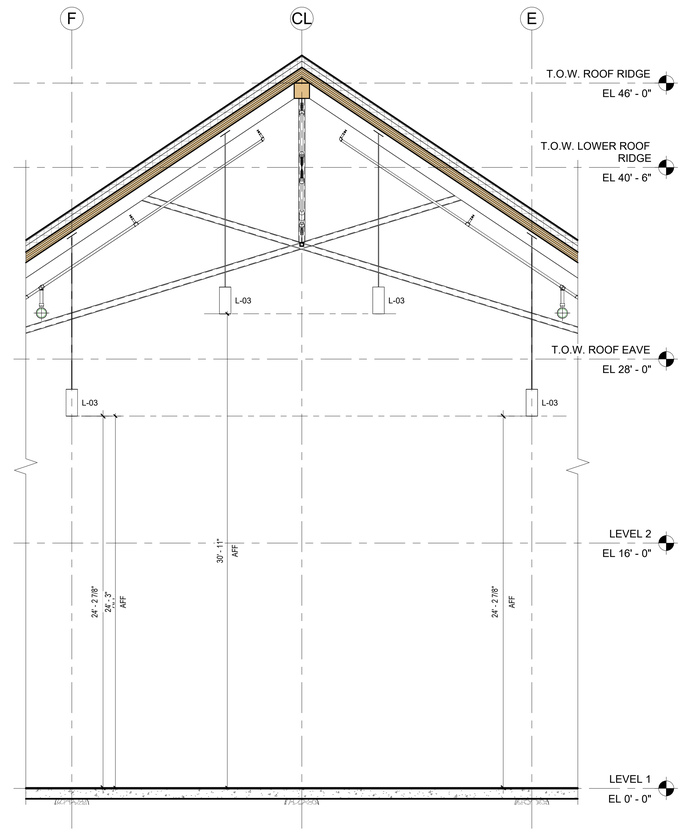
SHEET NUMBER:
A7.502



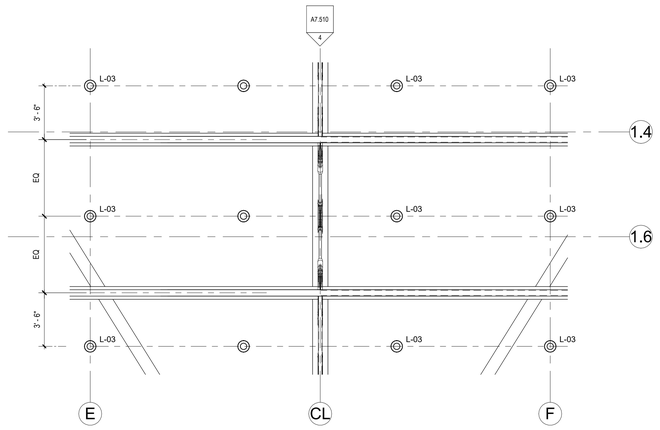
8 SECTION DETAIL AT L-05 LIGHT FIXTURE LOCATION AT DUCT
1 1/2" = 1'-0"



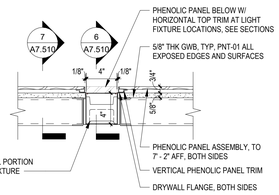
4 ELEVATION AT LANDSIDE PENDANT LIGHT FIXTURES
1/4" = 1'-0"



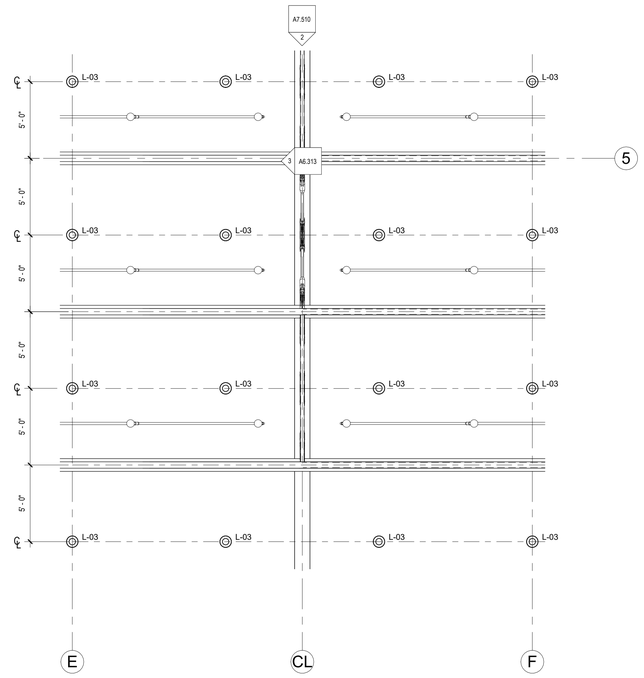
2 ELEVATION AT AIRSIDE PENDANT LIGHT FIXTURES
1/4" = 1'-0"



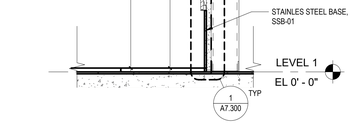
3 ENLARGED RCP - LANDSIDE PENDANT LIGHT FIXTURES
1/4" = 1'-0"



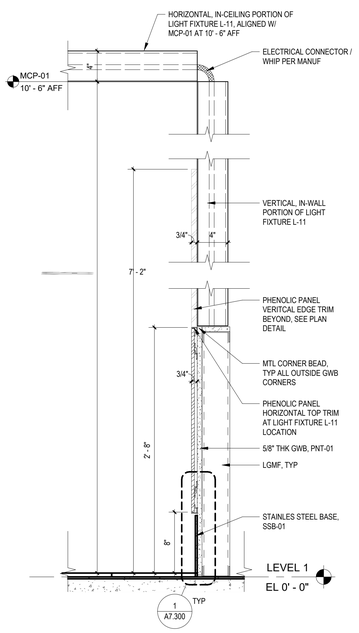
5 PLAN SECTION AT LIGHT FIXTURE L-11
1 1/2" = 1'-0"



1 ENLARGED RCP - AIRSIDE PENDANT LIGHT FIXTURES
1/4" = 1'-0"



7 SECTION DETAIL AT CHECKPOINT TYP WALL FINISHES
1 1/2" = 1'-0"



6 SECTION DETAIL AT CHECKPOINT RECESSED LIGHT FIXTURES
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - LIGHTING

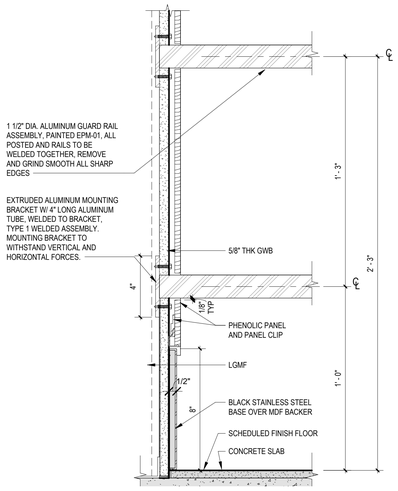
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

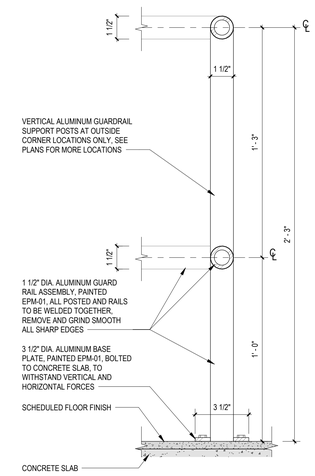
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

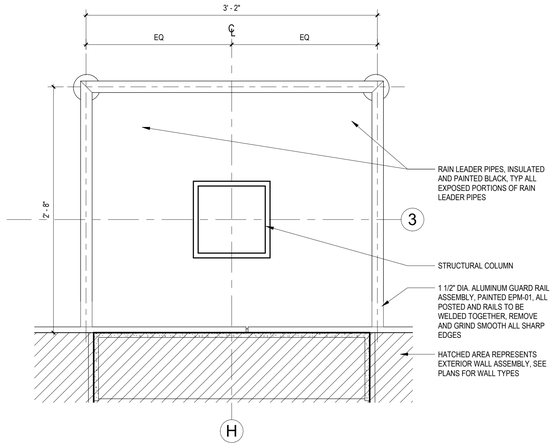
SHEET NUMBER:
A7.510



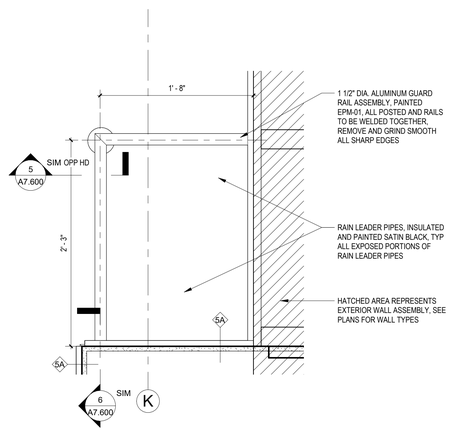
6 SECTION DETAIL AT RAIN LEADER GUARDRAIL 2
3" = 1'-0"



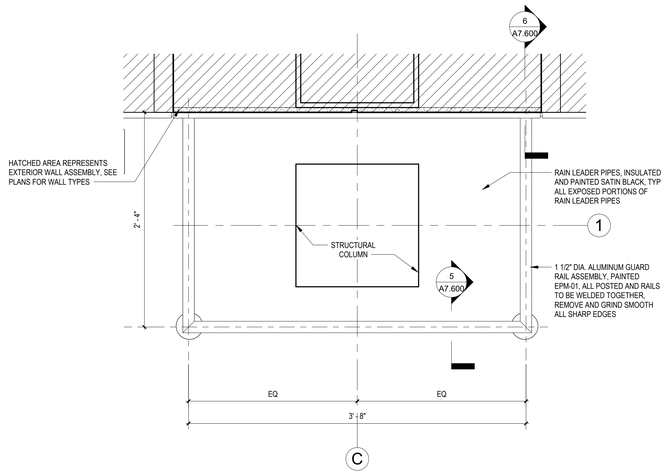
5 SECTION DETAIL AT RAIN LEADER GUARDRAIL 1
3" = 1'-0"



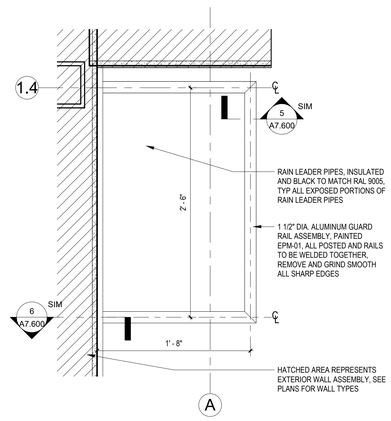
4 RAIN LEADER PROTECTION AT PASSENGER WAITING
1 1/2" = 1'-0"



3 RAIN LEADER PROTECTION AT ELM TREE DISPLAY
1 1/2" = 1'-0"



RAIN LEADER PROTECTION AT SELF CHECK-IN AND BAGGAGE CLAIM SEATING
2 1 1/2" = 1'-0"



1 RAIN LEADER PROTECTION AT CAR RENTAL
1 1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - RAIN LEADER GUARDRAILS

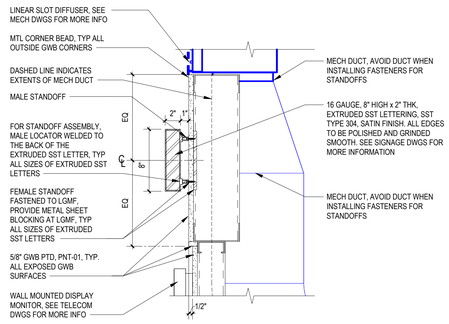
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

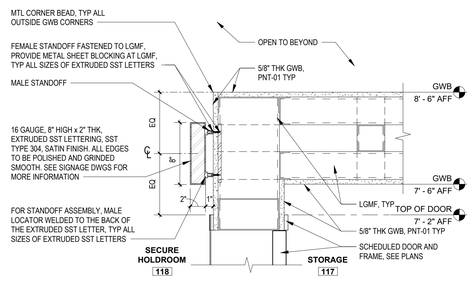
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

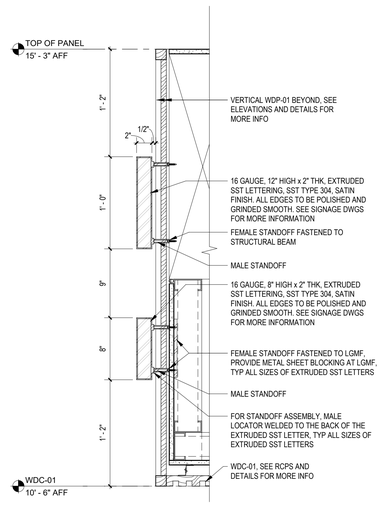
SHEET NUMBER:
A7.600



3 SECTION DETAIL AT TICKETING 3D LETTERING
1 1/2" = 1'-0"



2 SECTION DETAIL AT GATE BOARDING 3D LETTERING
1 1/2" = 1'-0"



1 SECTION DETAIL AT CHECKPOINT ENTRY 3D LETTERING
1 1/2" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - SIGNAGE

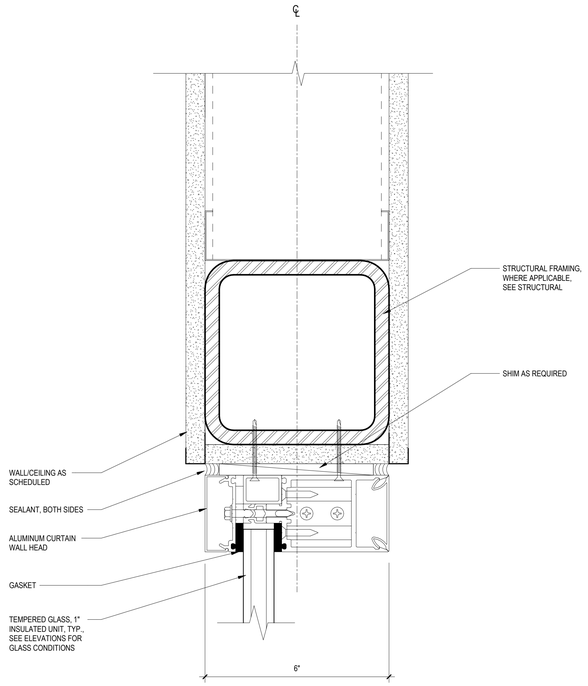
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

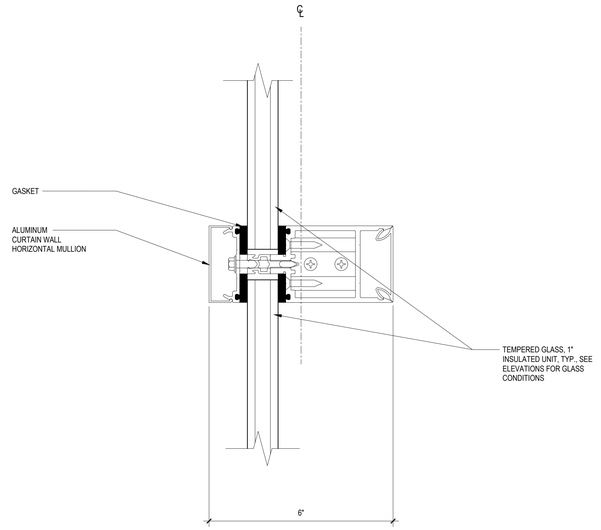
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A7.700



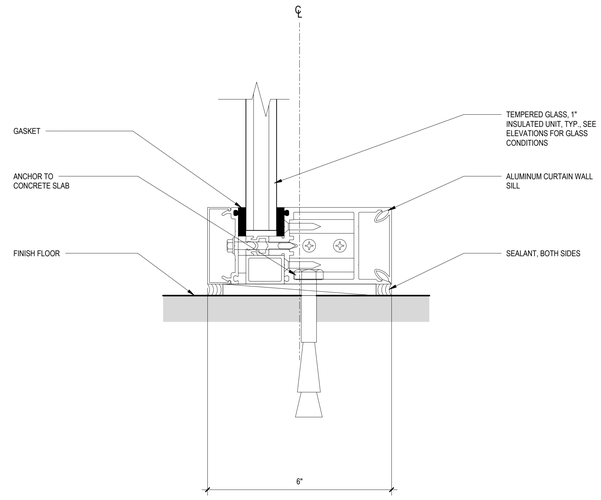
1 INTERIOR CURTAIN WALL - MULLION HEAD
6" = 1'-0"



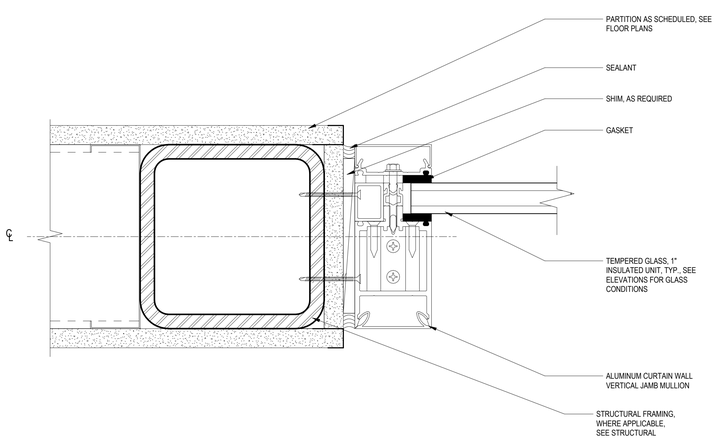
2 INTERIOR CURTAIN WALL - HORIZONTAL INTERMEDIATE MULLION
6" = 1'-0"

INTERIOR CURTAIN WALL GENERAL NOTES

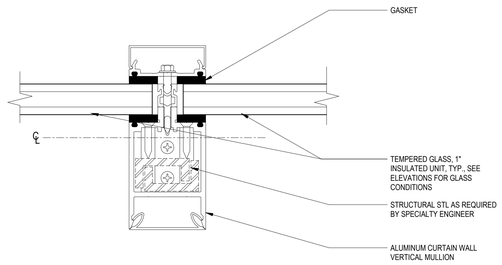
1. CURTAIN WALL MULLIONS ARE TO BE 2 1/2" THICK, UON.
2. SEE INTERIOR FINISH SCHEDULE FOR CURTAIN WALL MULLION & GLAZING TYPES & FINISHES.
3. ALL DIMENSIONS AT INTERNAL MULLIONS ARE TO CENTERLINE OF MULLION, UON.



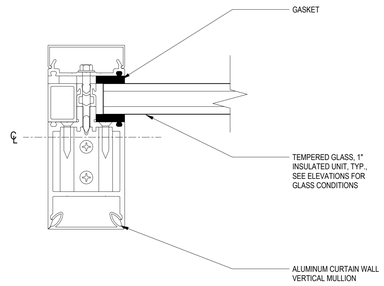
3 INTERIOR CURTAIN WALL - MULLION SILL
6" = 1'-0"



4 INTERIOR CURTAIN WALL - MULLION JAMB
6" = 1'-0"



5 CURTAIN WALL VERTICAL INTERMEDIATE MULLION
6" = 1'-0"



6 CURTAIN WALL VERTICAL MULLION (FINISH EDGE)
6" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
INTERIOR DETAILS - INTERIOR CURTAIN WALL

BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

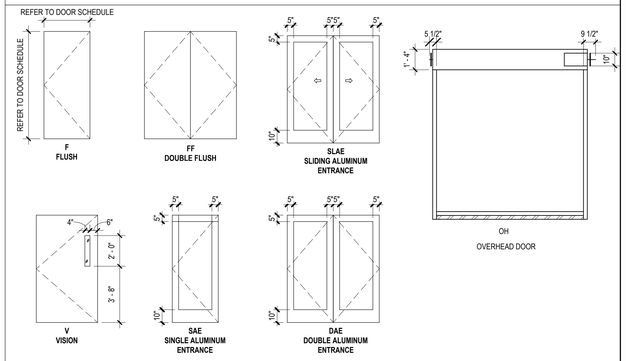
SHEET NUMBER:
A7.701

DOOR SCHEDULE

CONST DOOR NO	FROM (SPACE)	TO (SPACE)	DOOR WIDTH	DOOR HT	DOOR TYPE	DOOR MAT	DOOR FIN	FRAME TYPE	FRAME PROFILE	FRAME MAT	FRAME FIN	FIRE RATING	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	REMARKS
LEVEL 1																
100A		VESTIBULE	10' - 5"	7' - 6"	SLAE	GL	PTD	C	DW	HM	PTD	NR				
100B	MAIN LOBBY	VESTIBULE	12' - 0"	7' - 6"	SLAE	GL	PTD	C	DW	HM	PTD	NR	H7	J11	SEE A7.301	EXTERIOR DOOR
105	CAR RENTAL	VESTIBULE	3' - 0"	7' - 0 3/4"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J10	SEE A7.301	
105A	VESTIBULE		2' - 7 3/4"	7' - 0 3/4"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J10	S3	EXTERIOR DOOR
105B	TICKETING	VESTIBULE	3' - 0"	7' - 0 3/4"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J10	SEE A7.301	
106	VESTIBULE	STAIR 2	3' - 10"	7' - 9"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J10	SEE A7.301	
106A	STAIR 2		3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H4	J8	S2	EXTERIOR DOOR
107	EMR	INBOUND BAGGAGE ROOM	3' - 6"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	B	H1	J1	SEE A7.301	
108	BAGGAGE CLAIM	VESTIBULE	4' - 0"	6' - 11 1/2"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J10	SEE A7.301	DOOR SHALL BE 7' - 2" AFF TO TOP OF FRAME
108A	VESTIBULE		3' - 0 3/4"	6' - 8 1/4"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J10	S1	EXTERIOR DOOR
109	INBOUND BAGGAGE ROOM		14' - 0"	9' - 0"	OH	HM	PTD	C	DW	HM	PTD	NR	H5	J9	S3	EXTERIOR DOOR
109A	BAGGAGE CLAIM	INBOUND BAGGAGE ROOM	4' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
109B	INBOUND BAGGAGE ROOM		12' - 0"	12' - 6"	OH	HM	PTD	C	DW	HM	PTD	NR	H5	J9	S3	EXTERIOR DOOR
110	MAIN LOBBY	MEN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J4	SEE A7.301	
111	MAIN LOBBY	WOMEN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J4	SEE A7.301	
112	INBOUND BAGGAGE ROOM	BOH	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J1	SEE A7.301	
113	SECURE HOLDROOM	WOMEN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J4	SEE A7.301	
114	WOMEN	JAN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
115	SECURE HOLDROOM	MEN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J4	SEE A7.301	
116	VESTIBULE		4' - 0"	7' - 0"	F	HM	PTD	B	M	HM	PTD	NR	H3	J6	S2	EXTERIOR DOOR
116A	SECURE HOLDROOM	VESTIBULE	4' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J5	SEE A7.301	
117	SECURE HOLDROOM	STORAGE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
119	SECURE HOLDROOM	PSR	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
120	OPEN OFFICE	TSA OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
121	OPEN OFFICE	STSO	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
122A	CLOSET	BREAK ROOM	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
123	EXIT LANE	MAIN LOBBY	3' - 9"	7' - 0"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J10	SEE A7.301	DOOR SHALL BE 7' - 2" AFF TO TOP OF FRAME
123A	SECURE HOLDROOM	EXIT LANE	3' - 11 1/2"	6' - 11 1/2"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J10	SEE A7.301	
125	OPEN OFFICE	OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
129	CORRIDOR	BREAK ROOM	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
130	OPEN OFFICE	CLOSET	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
134	CORRIDOR		3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H3	J6	S2	EXTERIOR DOOR
134A	TICKETING	CORRIDOR	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
137	UTILITITY	CORRIDOR	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
141	OUTBOUND BAGGAGE		3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	1 HR	H3	J6	S2	EXTERIOR DOOR
142	BAG SCREEN	OUTBOUND BAGGAGE	6' - 0"	7' - 0"	FF	HM	PTD	C	DW	HM	PTD	NR	H4	J6A	SEE A7.301	
142A	CORRIDOR	BAG SCREEN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
143	WATER ENTRY		3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H2	J6	S1	EXTERIOR DOOR
144	STAIR 1		3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	1HR	H2	J6	S2	EXTERIOR DOOR
145	CORRIDOR	OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J1	SEE A7.301	
146	CORRIDOR	CAR RENTAL	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
147	OUTBOUND BAGGAGE		12' - 0"	9' - 0"	OH	HM	PTD	C	DW	HM	PTD	NR	H5	J9	S3	EXTERIOR DOOR
148	CORRIDOR	OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J1	SEE A7.301	
149	CORRIDOR	OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J1	SEE A7.301	
152	CORRIDOR	OPEN OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
156	STOR	OPEN OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
160	OUTBOUND BAGGAGE		15' - 0"	9' - 0"	OH	HM	PTD	C	DW	HM	PTD	NR	H5	J9	S3	EXTERIOR DOOR
161	OUTBOUND BAGGAGE		12' - 0"	9' - 0"	OH	HM	PTD	C	DW	HM	PTD	NR	H5	J9	S3	EXTERIOR DOOR
162	INBOUND BAGGAGE ROOM		3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	1 HR	H4	J9	S2	EXTERIOR DOOR
164	OPEN OFFICE	OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
165	SECURE HOLDROOM		3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H4	J9	S2	EXTERIOR DOOR
205	CORRIDOR	STAIR 2	3' - 10"	7' - 9"	F	GL	SAE	A	DW	HM	PTD	1HR	H6	J10	SEE A7.301	
LEVEL 2																
200	CORRIDOR	MANAGER OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
201	CORRIDOR	INSPECTOR OFFICE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
203	CORRIDOR	STAIR 1	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	1HR	-	-	SEE A7.301	EXTERIOR DOOR
204	MECH ROOM	CORRIDOR	6' - 0"	7' - 0"	FF	HM	PTD	C	DW	HM	PTD	NR	H1	J3	SEE A7.301	
206	CORRIDOR	MDF	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J1	SEE A7.301	
207	CORRIDOR	JAN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
208	ELEC	CORRIDOR	6' - 0"	7' - 0"	FF	HM	PTD	C	DW	HM	PTD	NR	H1	J3	SEE A7.301	
209	MECH ROOM	OUTDOOR CONDENSING ROOM	6' - 0"	7' - 0"	FF	HM	PTD	C	DW	HM	PTD	NR	H3	J7	SEE A7.301	EXTERIOR DOOR
210	EMERG ELEC	ELEC	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	1 HR	H1	J1	SEE A7.301	
211	CORRIDOR	IDF	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	1.5	H1	J1	SEE A7.301	
212	CORRIDOR	TSA ELEC	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
213	CORRIDOR	WOMEN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J4	SEE A7.301	
214	CORRIDOR	MEN	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J4	SEE A7.301	
215	CORRIDOR	BOARD ROOM	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
218	KITCHENETTE	OFFICE	3' - 0 1/2"	6' - 10"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J9		DOOR SHALL BE 7' - 2" AFF TO TOP OF FRAME
219	OFFICE	STORAGE	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J2	SEE A7.301	
221	CORRIDOR	RECEPTION	3' - 0"	7' - 0"	F	HM	PTD	A	DW	HM	PTD	NR	H1	J3	SEE A7.301	
222	KITCHENETTE	OFFICE	3' - 0 1/2"	6' - 10"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J9		DOOR SHALL BE 7' - 2" AFF TO TOP OF FRAME
223	UNASSIGNED	CORRIDOR	4' - 0 1/4"	8' - 10 1/2"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J9	SEE A7.301	
223A	CLOSET	RECEPTION	6' - 0"	7' - 0"	FF	HM	PTD	C	DW	HM	PTD	NR	H1	J1	SEE A7.301	
224	CORRIDOR	PASSENGER WAITING	3' - 0"	8' - 3"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J9	SEE A7.301	
225	RECEPTION	OFFICE	3' - 0 1/2"	6' - 10"	SAE	GL	PTD	A	DW	HM	PTD	NR	H6	J9		DOOR SHALL BE 7' - 2" AFF TO TOP OF FRAME

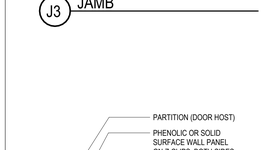
DOOR TYPES

SCALE: 1/4" = 1'-0"



FRAME TYPES

SCALE: 1/4" = 1'-0"



THRESHOLD TYPES

SCALE: 3" = 1'-0"

NOTE: FOR INTERIOR DOORS, SEE FINISH PLANS & SHEET A7.301 FOR THRESHOLD TYPES AND FLOORING TRANSITION DETAILS AT DOORS

GENERAL NOTES

A. ALL DOOR TO BE 1 3/4" THK UON

B. ALL ACS DOORS HAVE CLOSED TOP EDGE FLUSH WITH FACES

C. ALL DOORS TO BE EQUAL RABBET UON

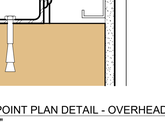
D. DOOR LOCATIONS ARE DIMENSIONED TO DOOR FACE OF FRAME UON

E. ALL DOOR JAMB/HEAD TO BE COORDINATED WITH WALL FINISHES TO ALLOW FOR ALIGNMENT OF THE FRAME FACE TO THE WALL FINISH FACE, TYP.

F. SEE SECTION 087100 FOR DOOR HARDWARE SPECIFICATIONS.

PROFILE TYPES

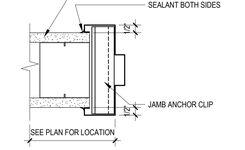
SCALE: 3" = 1'-0"



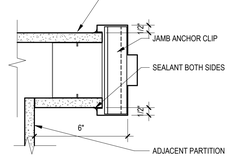
INTERIOR DOOR JAMB & HEAD DETAILS

SCALE: 3" = 1'-0"

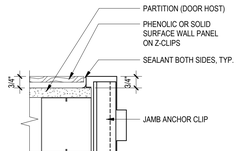
NOTES:
1. PARTITION TYPES & THICKNESSES VARY, SEE PLANS & PARTITION TYPE DETAILS FOR LOCATIONS & DIMENSIONS.
2. PROVIDE DOUBLE STUDS AT JAMB, TYP. SEE JAMB DETAILS BELOW.



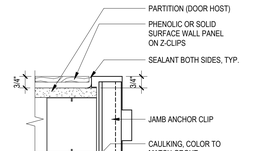
J1 H1 JAMB HEAD (SIM)



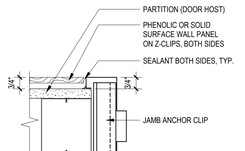
J2 JAMB



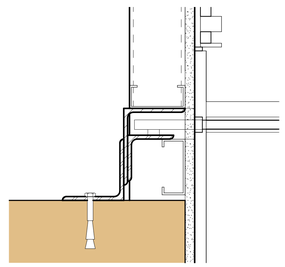
J3 JAMB



J4



J5 JAMB



J6 CHECKPOINT PLAN DETAIL - OVERHEAD DOOR JAMB
3" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
DOOR SCHEDULE AND TYPES
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

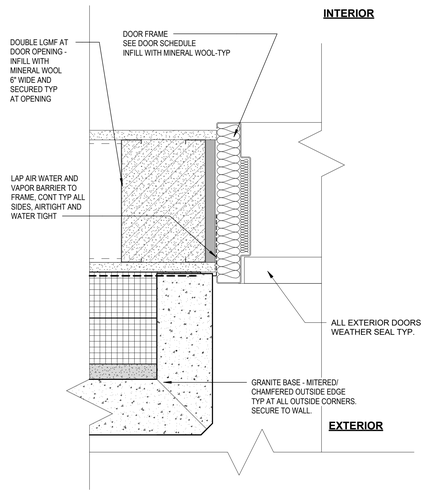
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A8.100

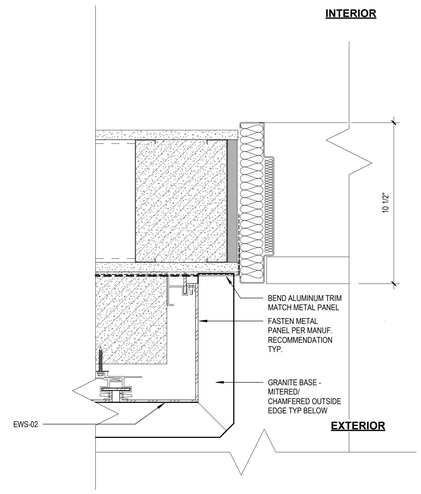
EXTERIOR DOOR JAMB/HEAD DETAILS

SCALE: 3" = 1'-0"

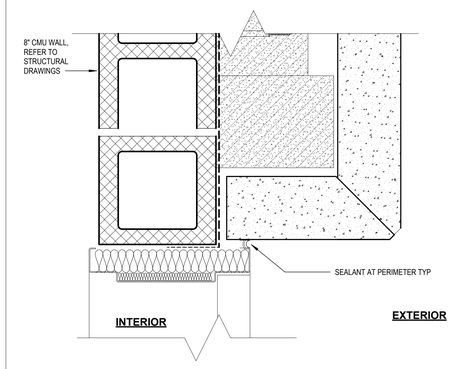
NOTES:
1. PARTITION TYPES & THICKNESSES VARY, SEE PLANS & PARTITION TYPE DETAILS FOR LOCATIONS & DIMENSIONS.
2. PROVIDE DOUBLE STUDS AT JAMB, TYP. SEE JAMB DETAILS BELOW.



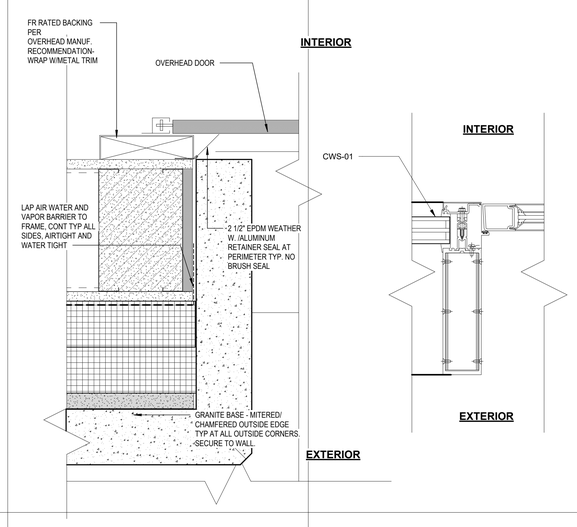
J6 HM DOOR JAMB AT GRANITE BASE



J7 HM DOOR JAMB AT METAL PANEL



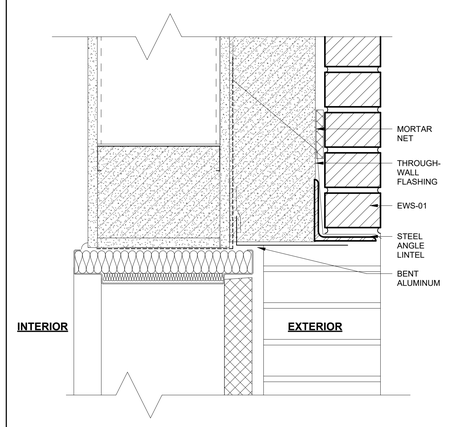
J8 HM DOOR JAMB AT CMU AND GRANITE BASE



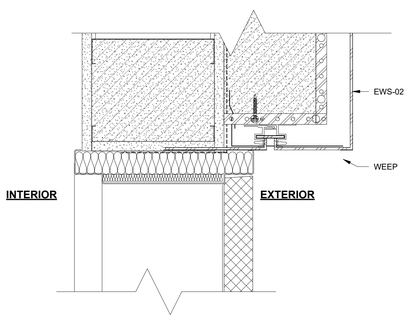
J9 OH DOOR JAMB AT GRANITE BASE

J10 CURTAIN WALL DOOR JAMB

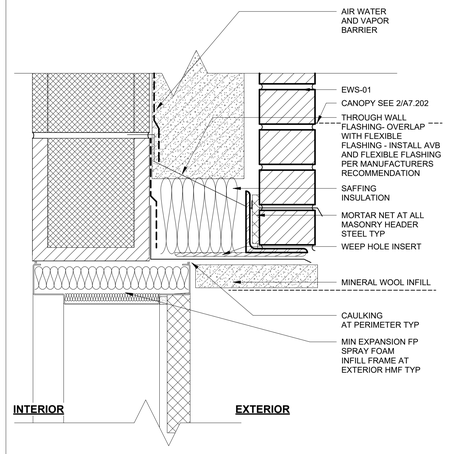
J11 SLIDING DOOR JAMB



H2 HM DOOR HEAD AT BRICK

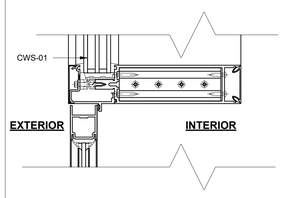


H3 HM DOOR HEAD AT METAL PANEL



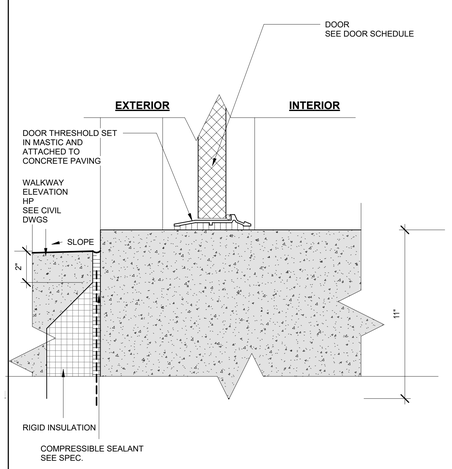
H4 HM DOOR HEAD AT CMU

H5 OH DOOR HEAD

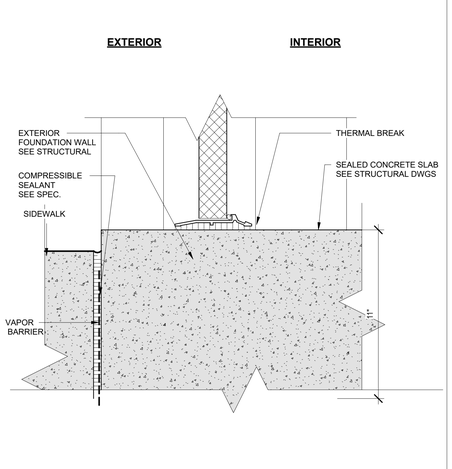


H6 CURTAIN WALL DOOR HEAD

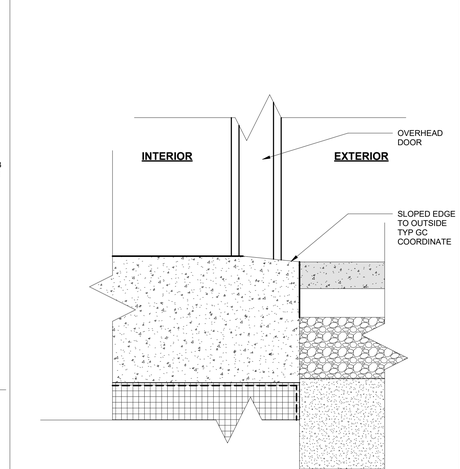
H7 SLIDING DOOR HEAD



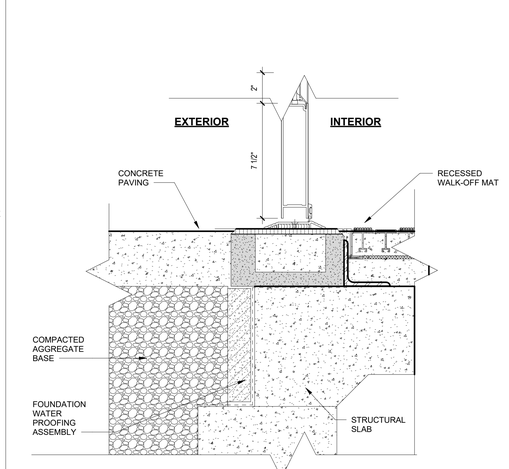
S1 TYPICAL HM DOOR SILL AT CONCRETE PAVING



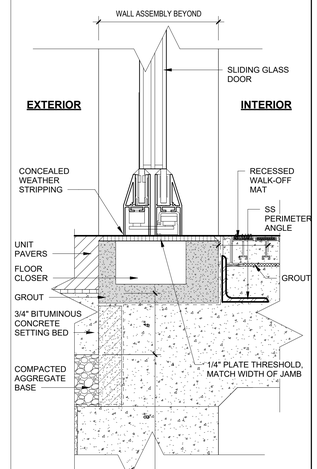
S2 TYPICAL HM DOOR AT AIRSIDE CURB



S3 OH DOOR SILL



S4 CW DOOR SILL



S5 SLIDING DOOR ENTRANCE SILL

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
EXTERIOR DOOR DETAILS

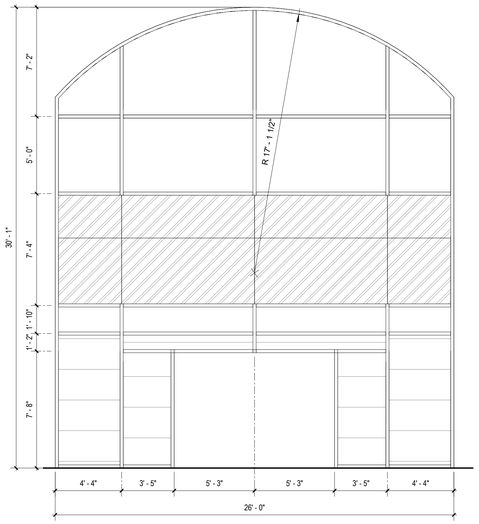
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

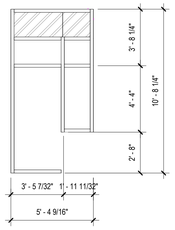
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A8.101



1 GLAZING TYPE A
1/4" = 1'-0"



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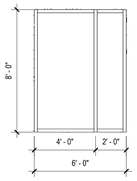

3 GLAZING TYPE C
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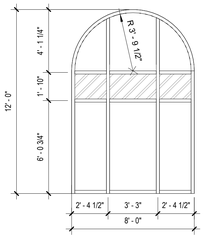

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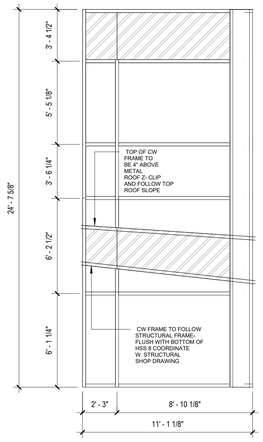

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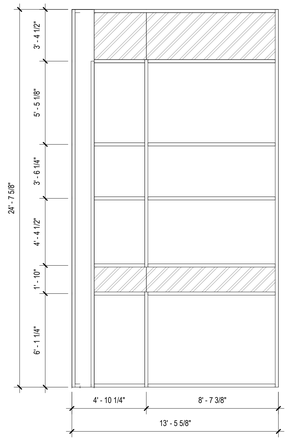

6 GLAZING TYPE F
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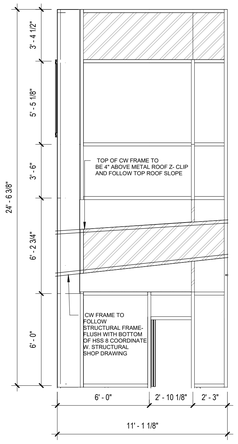

7 GLAZING TYPE G
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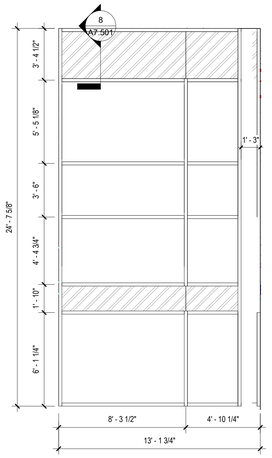

8 GLAZING TYPE H
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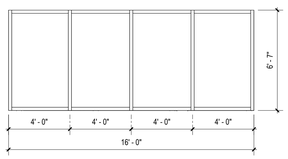

9 GLAZING TYPE I
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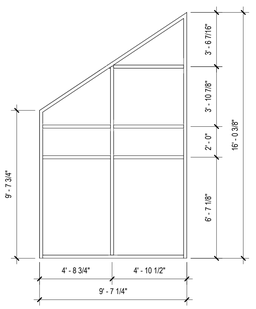

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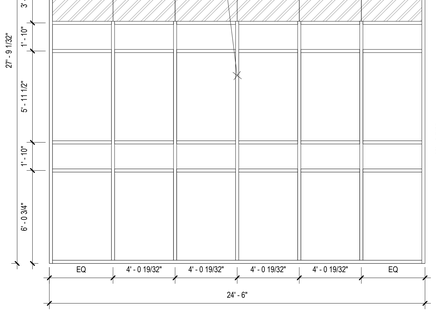

11 GLAZING TYPE K
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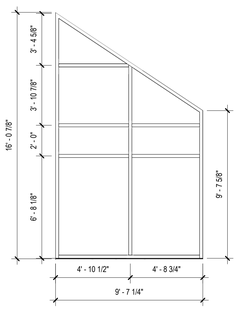

12 GLAZING TYPE L
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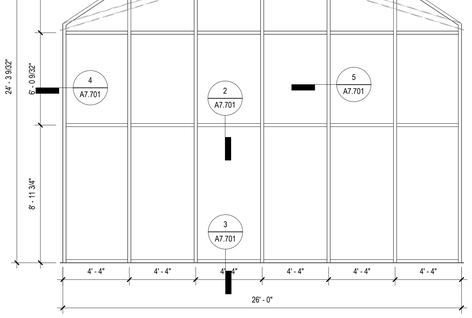

13 GLAZING TYPE M
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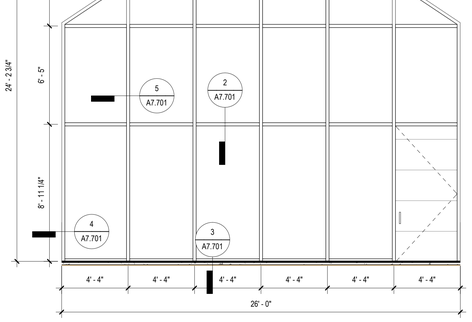

14 GLAZING TYPE N
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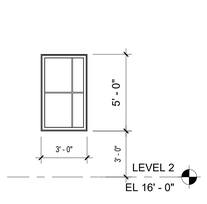

15 TYPE 1
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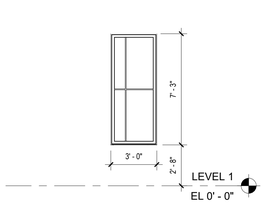

16 TYPE 2
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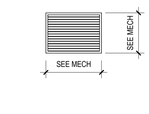
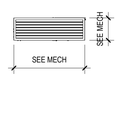


17 L-1
1/4" = 1'-0"



18 L-2
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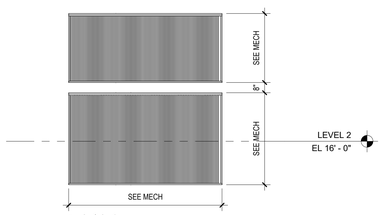

19 L-3 L-4
1/4" = 1'-0"

GLAZING SCHEDULE LEGEND

- (A) CURTAIN WALL GLAZING SYSTEM TAG - ALPHABETICAL
- (#) WINDOW GLAZING SYSTEM TAG - NUMERICAL

GL#XX GLASS SHEET COMPOSITION

- TP TEMPERED GLASS
- FT FRITTED GLASS

GENERIC GLASS TYPE

- GL1 SINGLE PANE CLEAR GLASS
- GL2 INSULATED, SPANDREL GLASS

GLAZING SCHEDULE GENERAL NOTES

A. REFER TO A#.### FOR GLAZING DETAILS.
B. REFER TO A#.### FOR GLASS FILM SCHEDULE.
C. ASTERISK (*) SYMBOL INDICATES THE MIRRORED VERSION OF THE DESIGNATED GLAZING TYPE.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
CURTAIN WALL SCHEDULE AND LOUVERS

BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

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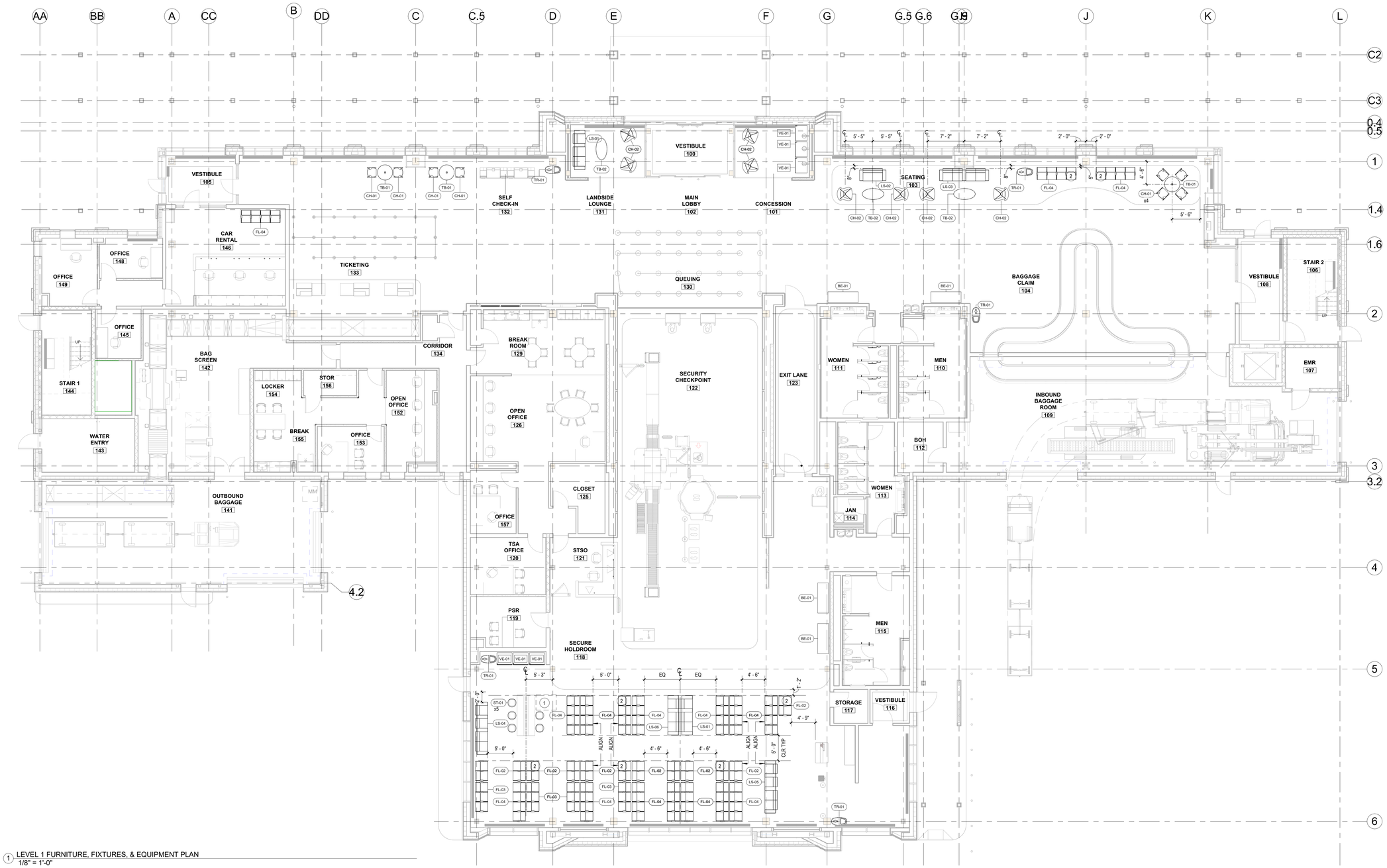
A8.200



1 LEVEL 1 FURNITURE, FIXTURES, & EQUIPMENT PLAN
1/8" = 1'-0"

SHEET NOTES

A. REFER A1 AND A7 SERIES FOR MILLWORK INFORMATION.

B. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.

C. REFER TO FURNITURE, FIXTURES, AND EQUIPMENT SPECIFICATIONS FOR MORE FURNITURE INFORMATION.

D. FURNITURE SHOWN IN GREY (HALFTONED) IS FOR REFERENCE ONLY. FURNITURE SHOWN IN GREY (HALFTONED) IS TENANT FURNISHED, TENANT INSTALLED.

E. REFER TO POWER/DATA PLANS FOR MORE INFORMATION.

(XX-XX) FURNITURE TAG

XX-XX EQUIPMENT TAG

KEYNOTES

1. NO STOOL AT THIS LOCATION. KEEP SPACE CLEAR FOR ADA ACCESSIBLE SEATING AREA.
2. ADA ACCESS SEAT AT END LOCATION. SEAT TO HAVE AN EMBROIDERED INTERNATIONAL SYMBOL OF ACCESS ON SEAT BACK AND THE END ARM TO BE REMOVED.
3. EXISTING FURNITURE ITEM TO BE SALVAGED FROM EXISTING MANAGEMENT OFFICES AND REUSED IN THE NEW BUILDING.

FURNITURE LEGEND - LEVEL 1	
TAG	DESCRIPTION
BE-01	BENCH, UPHOLSTERED, 3 SEATER
CH-01	CHAIR, CAFE, PLASTIC SHELL
CH-02	CHAIR, LOUNGE, SLED BASE
CH-04	CHAIR, GUEST
FL-02	FLYAWAY, 2 SEATER
FL-03	FLYAWAY, 3 SEATER
FL-04	FLYAWAY, 4 SEATER
LS-01	LOUNGE SEATING, SOFA, TYPE 1
LS-02	LOUNGE SEATING, SOFA, TYPE 2
LS-03	LOUNGE SEATING, SOFA, TYPE 3
LS-04	LOUNGE SEATING, SOFA, TYPE 4
LS-05	LOUNGE SEATING, SOFA, TYPE 5
LS-06	LOUNGE SEATING, SOFA, TYPE 6
ST-01	STOOL, TABLE HEIGHT
TB-01	TABLE, CAFE, 36" DIA
TB-02	TABLE, COFFEE, OVAL
TR-01	TRASH AND RECYCLING UNIT

EQUIPMENT LEGEND - LEVEL 1	
TAG	DESCRIPTION
VE-01	VENDING MACHINE, BY OWNER

PRESQUE ISLE INTERNATIONAL AIRPORT
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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 FURNITURE, FIXTURES, & EQUIPMENT PLAN

BID DOCUMENTS

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ARCHITECTURE

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AECOM	AECOM	JR	BC

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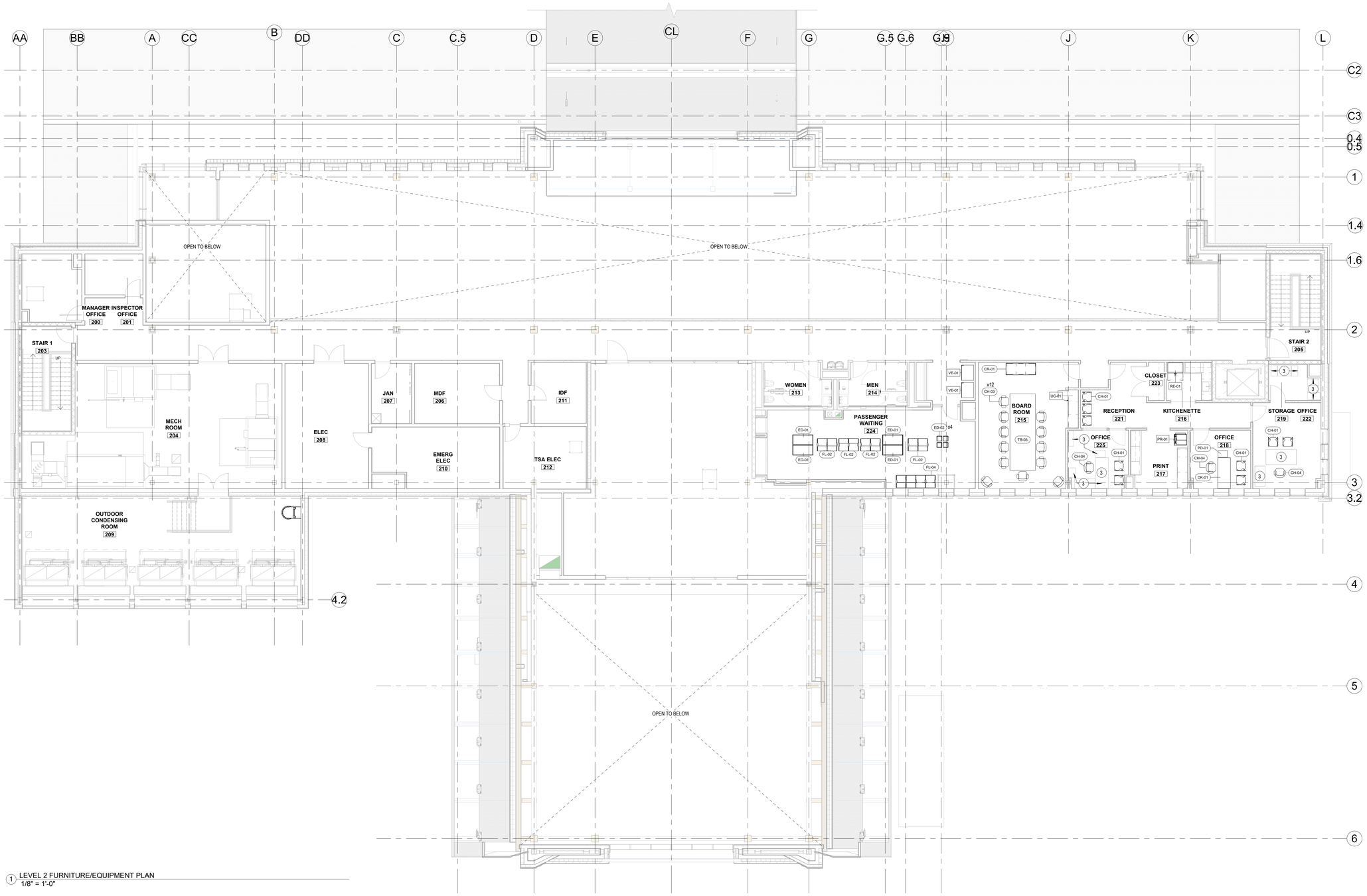

1 LEVEL 2 FURNITURE/EQUIPMENT PLAN
1/8" = 1'-0"

SHEET NOTES

A. REFER A1 AND A7 SERIES FOR MILLWORK INFORMATION.

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(XX-XX) FURNITURE TAG

XX-XX EQUIPMENT TAG

KEYNOTES

1. NO STOOL AT THIS LOCATION. KEEP SPACE CLEAR FOR ADA ACCESSIBLE SEATING AREA.
2. ADA ACCESS SEAT AT END LOCATION, SEAT TO HAVE AN EMBROIDERED INTERNATIONAL SYMBOL OF ACCESS ON SEAT BACK AND THE END ARM TO BE REMOVED.
3. EXISTING FURNITURE ITEM TO BE SALVAGED FROM EXISTING MANAGEMENT OFFICES AND REUSED IN THE NEW BUILDING.

FF&E LEGEND - LEVEL 2

TAG	DESCRIPTION
CH-01	CHAIR, CAFE, PLASTIC SHELL
CH-03	CHAIR, CONFERENCE
CH-04	CHAIR, TASK
CR-01	AV CREDENZA, 3-DOOR
DK-01	DESK
ED-01	EXISTING DISPLAY CASE FROM EXISTING AIR MUSEUM (LARGE)
ED-02	EXISTING DISPLAY CASE FROM EXISTING AIR MUSEUM (SMALL)
FL-02	FLYAWAY, 2 SEATER
FL-04	FLYAWAY, 4 SEATER
PD-01	PEDESTAL, MOBILE
TB-03	TABLE, CONFERENCE

EQUIPMENT LEGEND - LEVEL 2

TAG	DESCRIPTION
PR-01	PRINTER, BY OWNER
RE-01	REFRIGERATOR, BY OWNER
SC-01	DISPLAY MONITOR, REUSED FROM EXISTING, SEE TELECOM
SC-02	DISPLAY MONITOR, NEW, SEE TELECOM
UC-01	UNDER-COUNTER REFRIGERATOR, BY OWNER
VE-01	VENDING MACHINE, BY OWNER

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PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 FURNITURE, FIXTURES, & EQUIPMENT PLAN
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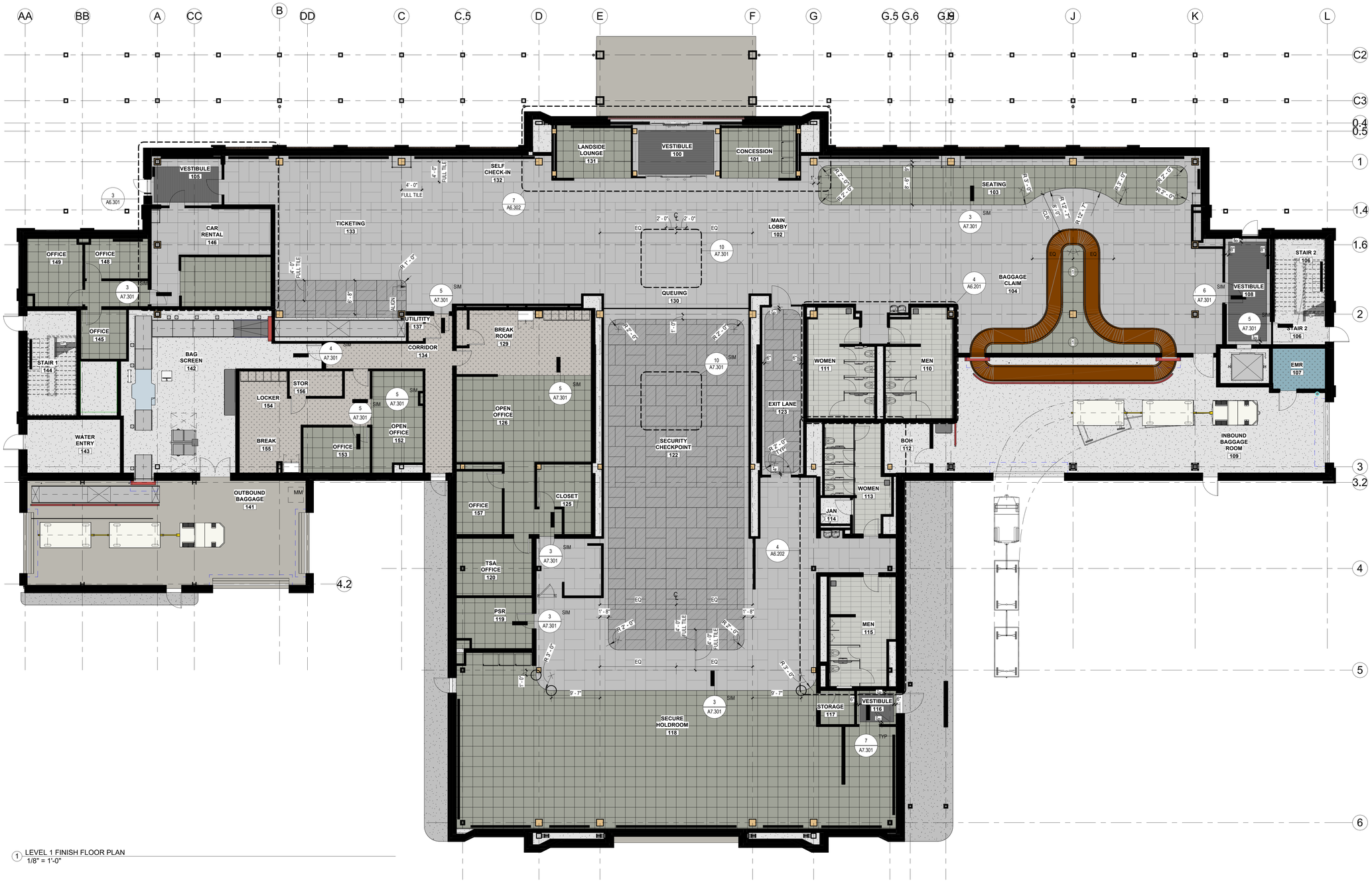

1 LEVEL 1 FINISH FLOOR PLAN
1/8" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.
B. REFER TO THE ENLARGED FINISH PLANS FOR MORE INFO.
C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.
D. ALL TRANSITION STRIPS TO BE SST U.N.O.
E. REFER TO FLOOR TRANSITION DETAILS FOR MORE INFO.
F. COORDINATE RECESSED WALK-OFF MATS WITH STRUCTURAL

KEYNOTES

1 INSTALL CARPET TILES ON WALKING PLATFORM OF BAGGAGE CLAIM DEVICE

PLAN LEGEND

- CARPET TILE — CPT-01
- CARPET TILE — CPT-02
- PORCELAIN TILE (FIELD TILE) — PFT-01
- PORCELAIN TILE (ACCENT TILE) — PFT-02
- PORCELAIN TILE (TOILET ROOMS) — PFT-03
- RESILIENT (RUBBER) FLOOR — RBF-01
- SEALED CONCRETE — SC-01
- RESILIENT (STATIC DISSIPATIVE) FLOOR — SDT-01
- RECESSED WALK-OFF MAT — RWM-01

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SHEET TITLE:
LEVEL 1 FINISH PLAN
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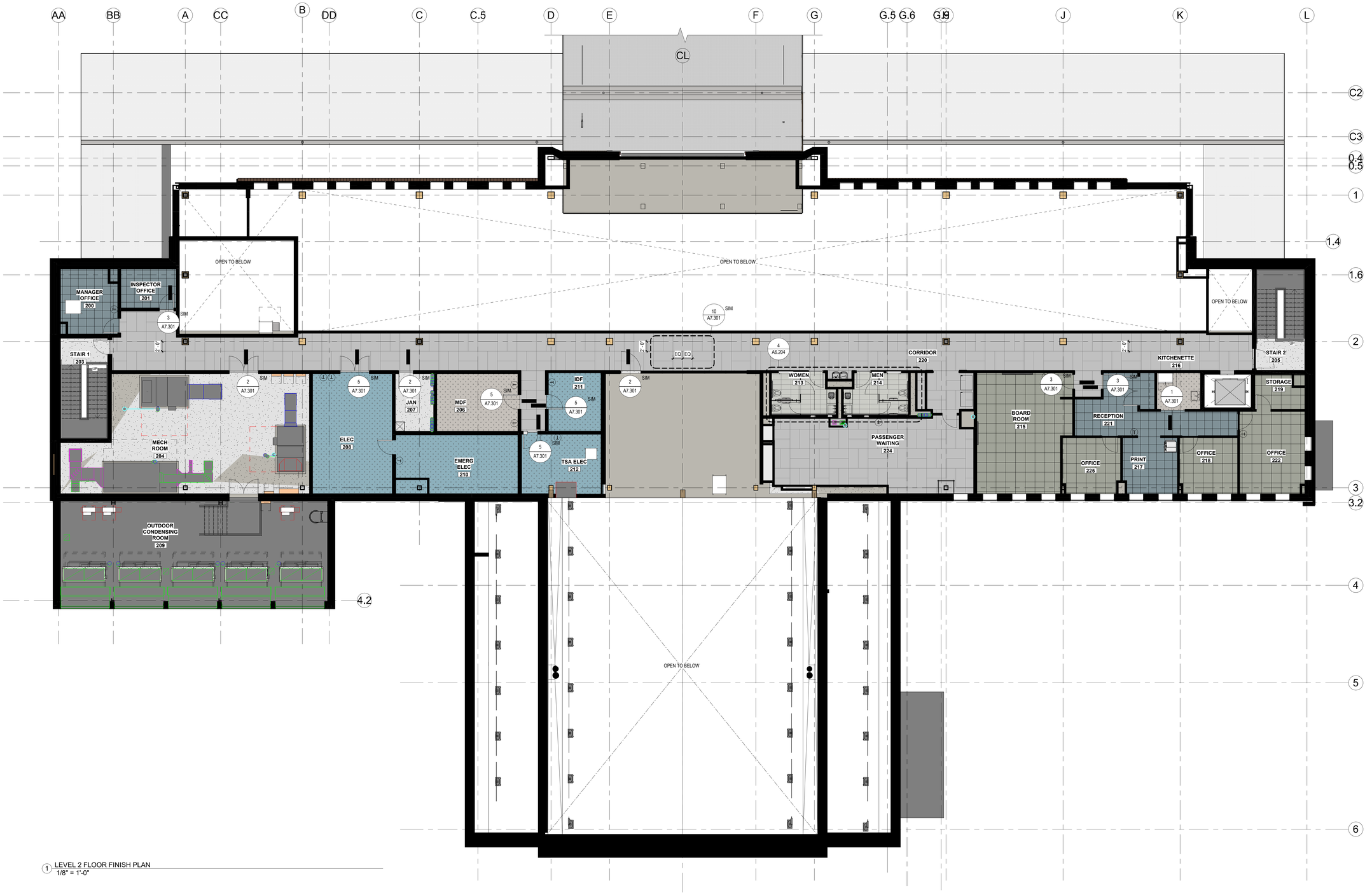

1 LEVEL 2 FLOOR FINISH PLAN
1/8" = 1'-0"

SHEET NOTES

A. REFER TO A1 FLOOR PLANS FOR MORE INFO.

B. REFER TO THE ENLARGED FINISH PLANS FOR MORE INFO.

C. REFER TO THE INTERIOR FINISH LEGEND AND ROOM FINISH SCHEDULE FOR MORE INFO.

D. ALL TRANSITION STRIPS TO BE SST U.N.O.

E. REFER TO FLOOR TRANSITION DETAILS FOR MORE INFO.

F. COORDINATE RECESSED WALK-OFF MATS WITH STRUCTURAL

KEYNOTES

1 INSTALL CARPET TILES ON WALKING PLATFORM OF BAGGAGE CLAIM DEVICE

PLAN LEGEND

- **CARPET TILE** CPT-01
- **CARPET TILE** CPT-02
- **PORCELAIN TILE (FIELD TILE)** PFT-01
- **PORCELAIN TILE (ACCENT TILE)** PFT-02
- **PORCELAIN TILE (TOILET ROOMS)** PFT-03
- **RESILIENT (RUBBER) FLOOR** RBF-01
- **SEALED CONCRETE** SC-01
- **RESILIENT (STATIC DISSIPATIVE) FLOOR** SDT-01
- **RECESSED WALK-OFF MAT** RWM-01

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 FINISH PLAN

BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
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SHEET NUMBER:
A9.202

INTERIOR FINISH LEGEND

TAG	DESCRIPTION	MANUFACTURER	MODEL	PRODUCT	COLOR/FINISH	SIZE	LOCATION	COMMENTS
BASE								
RBB-01	RUBBER BASE	TARKETT / JOHNSONITE	N/A	STRAIGHT BASE	20 CHARCOAL WG	4" TALL	BACK-OF-HOUSE SPACES, OFFICES W/ CARPET TILE FLOORING, STAIR LANDINGS	--
RBB-02	RUBBER BASE	TARKETT / JOHNSONITE	N/A	STRAIGHT BASE	29 MOONROCK WG	4" TALL	BACK-OF-HOUSE SPACES W/ RBF-01 FLOORING	--
SSB-01	SST WALL BASE	RIMEX METALS USA	COLOURTEX	GRANEX	BLACK GRANEX M1A	8" TALL	GENERAL WALL BASE AT PUBLIC AREAS	SEE DETAILS FOR ASSEMBLY
FLOORING								
CPT-01	CARPET TILE	MILLIIKEN	DISSIDENT	DISSIDENT & FRINGE COLLECTION	DST-27-153 PLAT	50CM X 50CM SQ. (19.7" X 19.7")	AIRSIDE HOLDROOM + OFFICE SPACES	MONOLITHIC / MULTI-TILE REPEAT INSTALLATION
CPT-02	CARPET TILE	MILLIIKEN	FRINGE	DISSIDENT & FRINGE COLLECTION	FRG27-153 PLAT	50CM X 50CM SQ. (19.7" X 19.7")	AIRSIDE HOLDROOM + OFFICE SPACES	1/4 TURN INSTALLATION
PFT-01	PORCELAIN FLOOR TILE	DALTILE	MATTE	CHORD	CANON GREY CH22	24" x 48" x 5/16" THK	GENERAL FLOOR TILE	COORDINATE WITH LATICRETE GROUT 89 SMOKE GREY, GROUT LINES TO BE 1/8"W TYP
PFT-02	PORCELAIN FLOOR TILE	CREATIVE MATERIALS CORPORATION	MATTE	CONTEMPO	DARK GREY	24" x 48" x 9mm THK	ACCENT FLOOR TILE	COORDINATE WITH LATICRETE GROUT 89 SMOKE GREY, GROUT LINES TO BE 1/8"W TYP
PFT-03	PORCELAIN FLOOR TILE	DALTILE	MATTE	FABRIC ART	MODERN TEXTILE WHITE MT50	12" x 24" x 5/16" THK	TOILET ROOM FLOOR TILE	COORDINATE WITH LATICRETE GROUT 89 SMOKE GREY, GROUT LINES TO BE 1/8"W TYP
RBF-01	RUBBER FLOORING TILE	NORAPLAN	TILE	SENTICA	6521 SUNDAY PAPER	24" x 24" x 0.08" THK	BACK-OF-HOUSE SPACES, SEE ROOM FINISH SCHEDULE	COORDINATE WITH RBF-02
RWM-01	RECESSED WALK-OFF MAT	CONSTRUCTION SPECIALTIES	G1 GRID; LEVEL BASE FRAME	PEDIGRID W/ ALTERNATING CARPET AND RUBBER TREAD INSERTS (SEE DETAILS)	CARPET TREAD "7323 CASTLE GREY", RUBBER INSERT STANDARD BLACK	N/A	ENTRANCE VESTIBULES	ENTRY VESTIBULE
SC-01	SEALED CONCRETE	H & C	H&C HYDRO-DEFEND	WATER BASED SEALER	CLEAR	N/A	BACK-OF-HOUSE SPACES, SEE ROOM FINISH SCHEDULE	BACK OF HOUSE EXPOSED CONCRETE FLOORS
SDT-01	STATIC DISSIPATIVE TILE	NORAPLAN	TILE	SENTICA ED	6521 SUNDAY PAPER	24" x 24" x 0.08" THK	ELECTRICAL AND IDF SPACES	COORDINATE WITH RBF-02, COORDINATE WITH ELECTRICAL FOR GROUNDING REQUIREMENTS
MILLWORK								
ACP-01	ACRYLIC PANEL	LIGHTBLOCKS	N/A	PALETTE	SMOKE	1/2" THK (2 LAYERS 1/4" THK)	WORKBAR	2 LAYERS OF 1/4" THK SMOKE, SECURED BACK-TO-BACK
PLAM-01	PLASTIC LAMINATE	WILSONART	N/A	PREMIUM LAMINATE	LANDMARK WOOD 7981K-12 (SOFTGRAIN FINISH)	N/A	MILLWORK; TOILET ROOM SLOAN "AER DEC", SEE DETAILS	--
PLAM-02	PLASTIC LAMINATE	WILSONART	N/A	PREMIUM LAMINATE	TO MATCH GLULAM STRUCTURAL FINISH -VIF	N/A	MILLWORK	--
PLAM-03	PLASTIC LAMINATE	WILSONART	N/A	PREMIUM LAMINATE	TAILORED LINEN 4992-60	N/A	MILLWORK	--
PLAM-04	PLASTIC LAMINATE	WILSONART	N/A	PREMIUM LAMINATE	BLACK 1595-60	N/A	GATE BACKDROP MILLWORK	--
PLAM-05	PLASTIC LAMINATE	WILSONART	N/A	PREMIUM LAMINATE	DESIGNER WHITE D354-38	N/A	DISPLAY CASES	--
SSM-01	SOLID SURFACE MATERIAL	WILSONART	N/A	SOLID SURFACE	920CS "WHITE STONE"	1/2" THK.	MILLWORK	--
WALLS								
FRP-01	FIBER REINFORCED PLASTIC PANEL	CRANE COMPOSITES	N/A	VARIETEX	SANDSTONE COTTON WHITE 1130	4' x 8" x 0.09THK PANEL	JANITOR CLOSETS	--
PHN-01	PHENOLIC WALL PANEL	WILSONART	N/A	SPC (SOLID PHENOLIC PANELS)	4877-38 "GREY MESH"	3/8" THK. PANELS	PHENOLIC WALL PANELS	ANODIZED ALUM. JOINT AND EDGE TRIMS, SECURED TO THE WALL WITH Z-CLIPS, SEE DETAILS
PHN-02	PHENOLIC WALL PANEL	WILSONART	N/A	SPC (SOLID PHENOLIC PANELS)	BLACK 1595-60	3/8" THK. PANELS	PHENOLIC WALL PANELS	ANODIZED ALUM. JOINT AND EDGE TRIMS, SECURED TO THE WALL WITH Z-CLIPS, SEE DETAILS
PHN-03	PHENOLIC WALL PANEL	WILSONART	N/A	SPC (SOLID PHENOLIC PANELS)	TAILORED LINEN 4992-38	3/8" THK. PANELS	PHENOLIC WALL PANELS	ANODIZED ALUM. JOINT AND EDGE TRIMS, SECURED TO THE WALL WITH Z-CLIPS, SEE DETAILS
PHN-04	PHENOLIC WALL PANEL	WILSONART	N/A	SPC (SOLID PHENOLIC PANELS)	NIGHTFALL 5023K-19	3/8" THK. PANELS	PHENOLIC WALL PANELS	ANODIZED ALUM. JOINT AND EDGE TRIMS, SECURED TO THE WALL WITH Z-CLIPS, SEE DETAILS
PNT-01	PAINT (GENERAL WALL PAINT)	SHERWIN WILLIAMS	N/A	EGGSHELL FINISH	SW 7005 'PURE WHITE"	N/A	GENERAL WALL PAINT, SEE ROOM FINISH SCHEDULE	TYPICAL WALLS
PWT-01	PORCELAIN WALL TILE	DALTILE	MATTE	FABRIC ART	MODERN TEXTILE WHITE MT50	12" x 24" x 5/16" THK	TOILET ROOMS	--
PWT-02	PORCELAIN WALL TILE	DALTILE	MATTE MOSAIC STRAIGHT JOINT	FABRIC ART	MODERN TEXTILE WHITE MT50	1" x 3" x 5/16" THK (MOSAIC)	TOILET ROOMS	COORDINATE WITH GROUT
PWT-03	PORCELAIN WALL TILE	CREATIVE MATERIALS CORPORATION	MOSAIC - STACKED BRICK	RESIN COLORS	EVERGREEN / TEAL - MATTE	1" x 3" x 9MM THK (MOSAIC)	TOILET ROOMS	COORDINATE WITH GROUT
WDP-01	WOOD WALL PANEL	URBAN EVOLUTIONS	"FIN" SLATS (5/8" FACE, 1 3/4" CLR BETWEEN FINS, 1" VISIBLE DEPTH)	SLAT WOOD WALL PANELS; DOMESTIC TIMBER	WHITE OAK; MATTE CLEAR	48"W x 96"H x 1 11/16"D	ACCENT WALLS, SEE ROOM FINISH SCHEDULE	SECURED TO THE WALL WITH Z-CLIPS, SEE DETAILS
CEILINGS								
ACT-01	ACOUSTIC CEILING TILE	ARMSTRONG	#1912 W/SUPRAFINE GRID	ULTIMA BEVELED TEGULAR	WHITE PANELS, GLOBAL WHITE GRID	24" X 24" SQ. PANELS, 9/16" GRID	BACK-OF-HOUSE SPACES + OFFICES, SEE ROOM FINISH SCHEDULE	--
MCP-01	METAL CEILING PANEL	ARMSTRONG	MICRO PERFORATION (M2 - RD1810)	METAL WORKS - TEGULAR	WHITE	24" X 24" SQ. PANELS (M2 - RD1810)	TOILET ROOM CEILINGS	--
PNT-01C	CEILING PAINT ON GWB	SHERWIN WILLIAMS	N/A	FLAT FINISH	SW 7005 "PURE WHITE"	N/A	GWB CEILINGS	TYPICAL GWB CEILING AND SOFFITS
WCP-01	WOOD WALL PANEL	URBAN EVOLUTIONS	"FIN" SLATS (5/8" FACE, 1 3/4" CLR BETWEEN FINS, 1" VISIBLE DEPTH)	SLAT WOOD WALL PANELS; DOMESTIC TIMBER	WHITE OAK; MATTE CLEAR	48"W x 96"H x 1 11/16"D	ACCENT WALLS, SEE ROOM FINISH SCHEDULE	SECURED TO THE CLG WITH Z-CLIPS, SEE DETAILS
TOILET PARTITIONS								
TPS-01	TOILET PARTITIONS	ASI GLOBAL PARTITIONS	INTEGRATED PRIVACY STAINLESS STEEL	FLOOR MTD & OVERHEAD BRACED W/ CONTINUOUS HINGE	304 STAINLESS STEEL - STANDARD SATIN FINISH	SEE PLANS	TOILET ROOM STALL PARTITIONS AND URINAL PARTITIONS	SST FINISH TO RUN VERTICALLY
WINDOW TREATMENT								
FLM-01	DECORATIVE GLASS FILM	3M	SH2FGLU	FASARA LUCE	FROST / MATTE (34% VISIBLE LIGHT TRANSMISSION)	N/A	SECURITY CHECKPOINT	--
FLM-02	DECORATIVE GLASS FILM	3M	SH2BKOP	FASARA	OPAQUE BLACK	N/A	SECURITY CHECKPOINT	--
FLM-03	ONE-WAY MIRROR WINDOW FILM	3M	ONE-WAY MIRROR WINDOW FILM	3M PRIVACY SERIES	MIRRORED	N/A	OFFICES, SEE ELEVATIONS	--
RSH-01	ROLLER SHADE	MECHO SHADE - URBAN SHADE	JAMB MOUNT W/ SNAPLOC REGULAR-ROLL FASCIA, SQUARE	MANUAL	FASCIA AND BRACKET = BLACK (BK); SHADE = 5% OPENNESS DOVE GREY 1905	SEE WINDOW TYPE 2	OFFICES, SEE RCPs	--
METALS								
EPM-01	EPOXY PAINT FOR METAL	--	--	SEMI-GLOSS FINISH	RAL 9005 JET BLACK	--	BACK-OF-HOUSE STAIRS - HAND RAILS W/ BRACKETS, GUARD RAILS INCLUDING PICKETS AND BALUSTERS, STAIR PAN (RISERS), STAIR STRINGERS, ETC.	--
EPM-02	EPOXY PAINT FOR METAL	--	--	SEMI-GLOSS FINISH	RAL 7040 WINDOW GREY	--	INTERIOR HM DOORS AND FRAMES	--
STAIRS								
RBF-02	RUBBER FLOORING TILE	NORAMENT	TILE	HAMMERED	0749 STONE GREY	19.76" x 19.76" x 0.11" THK	STAIR TREADS + LANDINGS	COORDINATE WITH RSN-01
RSN-01	RUBBER STAIR NOSING	NORAMENT	A / C	T 5049	0749 STONE GREY	+/- 2"W x +/- 1.8" H	STAIR TREADS + LANDINGS	COORDINATE WITH RBF-02

<u>SCHEDULE NOTE:</u> REFER TO FINISH PLANS, RCPS, AND INTERIOR ELEVATIONS FOR FINISH EXTENTS

PRESQUE ISLE INTERNATIONAL AIRPORT
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CONSULTANT:

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SHEET TITLE:
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DISCIPLINE:
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SCALE: AS NOTED
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A9.203

INTERIOR ROOM FINISH SCHEDULE

RM NUMBER	RM NAME	BASE	FLOOR	WALLS				MILLWORK	CEILING	COMMENTS
				NORTH	EAST	SOUTH	WEST			
100	VESTIBULE	N/A	PFT-01; RWM-01	CURTAINWALL	CURTAINWALL	CURTAINWALL	CURTAINWALL	--	MCP-01	
101	CONCESSION	SSB-01	CPT-01	PNT-01; PHN-01	PNT-01; PHN-01	PHN-02, WDP-01	CURTAINWALL	--	PNT-01C	
102	MAIN LOBBY	SSB-01	PFT-01	VARIES - SEE ELEVATIONS	VARIES - SEE ELEVATIONS	VARIES - SEE ELEVATIONS	VARIES - SEE ELEVATIONS	--	EXPOSED STRUCTURE; MCP-01; PNT-01C	
103	SEATING	SSB-01	CPT-01	PNT-01; PHN-01	PNT-01; PHN-01	--	PLAM-01; PHN-02	--	EXPOSED STRUCTURE	
104	BAGGAGE CLAIM	SSB-01	PFT-01; CPT-01 AT CLAIM DEVICE	--	PNT-01; PHN-01	PNT-01; PHN-01, 02, 03, 04	PNT-01; PHN-01	--	MCP-01; PNT-01C	
105	VESTIBULE	SSB-01	PFT-01; RWM-01	CURTAINWALL; PNT-01; PHN-01	CURTAINWALL; PNT-01; PHN-01	CURTAINWALL; PNT-01; PHN-01	CURTAINWALL; PNT-01; PHN-01	--	PNT-01C	
106	STAIR 2	RBB-01	RBF-02; RSN-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
107	EMR	RBB-02	SDT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
108	VESTIBULE	SSB-01	PFT-01; RWM-01	CURTAINWALL; PNT-01; PHN-01	PNT-01; PHN-01	PNT-01; PHN-01	CURTAINWALL; PNT-01; PHN-01		MCP-01	
109	INBOUND BAGGAGE ROOM	RBB-01	SC-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
110	MEN	--	PFT-03	PWT-01; PWT-02; PWT-03	PWT-01; PWT-02	PWT-01; PWT-02	PWT-01; PWT-02	PLAM-01; SSM-01	MCP-01	
111	WOMEN	--	PFT-03	PWT-01; PWT-02; PWT-03	PWT-01; PWT-02	PWT-01; PWT-02	PWT-01; PWT-02	PLAM-01; SSM-01	MCP-01	
112	BOH	RBB-01	SC-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
113	WOMEN	--	PFT-03	PWT-01; PWT-02	PWT-01; PWT-02; PWT-03	PWT-01; PWT-02	PWT-01; PWT-02	PLAM-01; SSM-01	MCP-01	
114	JAN	RBB-01	SC-01	PNT-01	PNT-01	PNT-01; FRP-01	PNT-01; FRP-01	--	EXPOSED STRUCTURE	
115	MEN	--	PFT-03	PWT-01; PWT-02	PWT-01; PWT-02	PWT-01; PWT-02	PWT-01; PWT-02; PWT-03	PLAM-01; SSM-01	MCP-01	
116	VESTIBULE	SSB-01	CPT-01; RWM-01	PNT-01; PHN-01	PNT-01; PHN-01	PNT-01; PHN-01	PNT-01; PHN-01	--	MCP-01	
117	STORAGE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	PNT-01C	
118	SECURE HOLDROOM	SSB-01	PFT-01; PFT-02; CPT-01	VARIES - SEE ELEVATIONS	PNT-01; PHN-01, 02, 03, 04	PNT-01; PHN-01	PNT-01; PHN-01	GATE PODIUM BY AIRLINE	PNT-11 + EXPOSED STRUCTURE	
119	PSR	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
120	TSA OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
121	STSO	SSB-01	PFT-01	PNT-01; PHN-01	PNT-01; PHN-01	--	--	STSO DESK - SEE MILLWORK DETAILS	MCP-01	
122	SECURITY CHECKPOINT	SSB-01	PFT-01; PFT-02	--	PNT-01; PHN-01, 02, 03, 04	--	PNT-01; PHN-01, 02, 03, 04	DEVICES BY TSA	MCP-01	
123	EXIT LANE	SSB-01	PFT-01; PFT-02	CURTAINWALL PNT-01	PNT-01; PHN-01	CURTAINWALL PNT-01	PNT-01; PHN-01, 02, 03, 04	--	MCP-01	
125	CLOSET	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
126	OPEN OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	PLAM-03	ACT-01	
129	BREAK ROOM	RBB-02	RBF-01	PNT-01	PNT-01	PNT-01	PNT-01	PLAM-01; SSM-01	ACT-01	
130	QUEUING	SSB-01	PFT-01	--	--	VARIES - SEE ELEVATIONS	--	--	EXPOSED STRUCTURE	
131	LANDSIDE LOUNGE	SSB-01	CPT-01	PNT-01; PHN-01	CURTAINWALL	PHN-02, WDP-01	PNT-01; PHN-01	--	PNT-01C	
132	SELF CHECK-IN	SSB-01	PFT-01	PNT-01; PHN-01	WDP-01; PHN-02	--	CURTAINWALL	SELF-CHECK IN KIOSKS BY AIRLINE	PNT-01C	
133	TICKETING	SSB-01	PFT-01; PFT-02	--	PNT-01; PHN-01	PNT-01	PNT-01; PHN-01; SUPER GRAPHIC BY SIGNAGE	TICKETING DESKS BY AIRLINE	PNT-01C	
134	CORRIDOR	RBB-01	RBF-01	PNT-01; FRP-01	PNT-01; FRP-01	PNT-01; FRP-01	PNT-01; FRP-01	--	ACT-01	
135	CLOSET	RBB-01	RBF-01	PNT-01	PNT-01	PNT-01	PNT-01	PLAM-01; SSM-01	ACT-01	
136	CORRIDOR	RBB-02	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
137	UTILITITY	RBB-02	SC-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
138	UNASSIGNED	--	--	--	--	--	--	--	--	
141	OUTBOUND BAGGAGE	RBB-01	SC-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
142	BAG SCREEN	RBB-01	SC-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
143	WATER ENTRY	RBB-01	SC-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
144	STAIR 1	RBB-01	RBF-02; RSN-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
145	OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
146	CAR RENTAL	SSB-01; RBB-01	PFT-01; CPT-01	PNT-01; PHN-01	PNT-01; PHN-01	PNT-01; PHN-01	PNT-01; PHN-01	VARIES - SEE ELEVATIONS AND DETAILS	MCP-01; PNT-01C	
148	OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
149	OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
152	OPEN OFFICE	RBB-01	RBF-01; CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	PLAM-03	ACT-01	
153	OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
154	LOCKER	RBB-02	RBF-01	PNT-01	PNT-01	--	PNT-01	--	ACT-01	
155	BREAK	RBB-02	RBF-01	--	PNT-01	PNT-01	PNT-01	PLAM-01; SSM-01	ACT-01	
156	STOR	RBB-02	RBF-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
157	OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
200	MANAGER OFFICE	RBB-01	CPT-02	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
201	INSPECTOR OFFICE	RBB-01	CPT-02	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
203	STAIR 1	RBB-01	RBF-02; RSN-01	PNT-01	PNT-01	PNT-01	PNT-01	--	PNT-01C	
204	MECH ROOM	RBB-01	SC-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
205	STAIR 2	RBB-01	RBF-02; RSN-01	PNT-01	PNT-01	PNT-01	PNT-01	--	PNT-01C	
206	MDF	RBB-02	SDT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
207	JAN	RBB-01	SC-01	PNT-01	PNT-01	PNT-01; FRP-01	PNT-01; FRP-01	--	EXPOSED STRUCTURE	
208	ELEC	RBB-02	SDT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
209	OUTDOOR CONDENSING ROOM	RBB-01	SC-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
210	EMERG ELEC	RBB-02	SDT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
211	IDF	RBB-02	SDT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
212	TSA ELEC	RBB-02	SDT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	EXPOSED STRUCTURE	
213	WOMEN	--	PFT-03	PWT-01; PWT-02	PWT-01; PWT-02; PWT-03	PWT-01; PWT-02	PWT-01; PWT-02	PLAM-01; SSM-01	MCP-01	
214	MEN	--	PFT-03	PWT-01; PWT-02	PWT-01; PWT-02	PWT-01; PWT-02	PWT-01; PWT-02; PWT-03	PLAM-01; SSM-01	MCP-01	
215	BOARD ROOM	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	PLAM-01; SSM-01	ACT-01	
216	KITCHENETTE	RBB-02	RBF-01	PNT-01	PNT-01	PNT-01	PNT-01	PLAM-01; SSM-01	ACT-01	
217	PRINT	RBB-01	CPT-02	PNT-01	PNT-01	PNT-01	PNT-01	PLAM-01; PLAM-03	ACT-01	
218	OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
219	STORAGE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
220	CORRIDOR	SSB-01	PFT-01	VARIES - SEE ELEVATIONS	PNT-01; PHN-01	PNT-01; PHN-01	PNT-01; PHN-01	--	PNT-01C	
221	RECEPTION	RBB-01	CPT-02	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
222	OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	
223	CLOSET	RBB-01	CPT-02	PNT-01	PNT-01	PNT-01	PNT-01	CLOSET SHELF WITH COAT RACK	ACT-01	
224	PASSENGER WAITING	SSB-01	PFT-01	PNT-01; PHN-01	PNT-01; PHN-01	PNT-01; PHN-01	PNT-01; PHN-01	BUILT-IN DISPLAYS - SEE DETAILS	MCP-01	
225	OFFICE	RBB-01	CPT-01	PNT-01	PNT-01	PNT-01	PNT-01	--	ACT-01	

<u>SCHEDULE NOTE:</u> REFER TO FINISH PLANS, RCPS, AND INTERIOR ELEVATIONS FOR FINISH EXTENTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

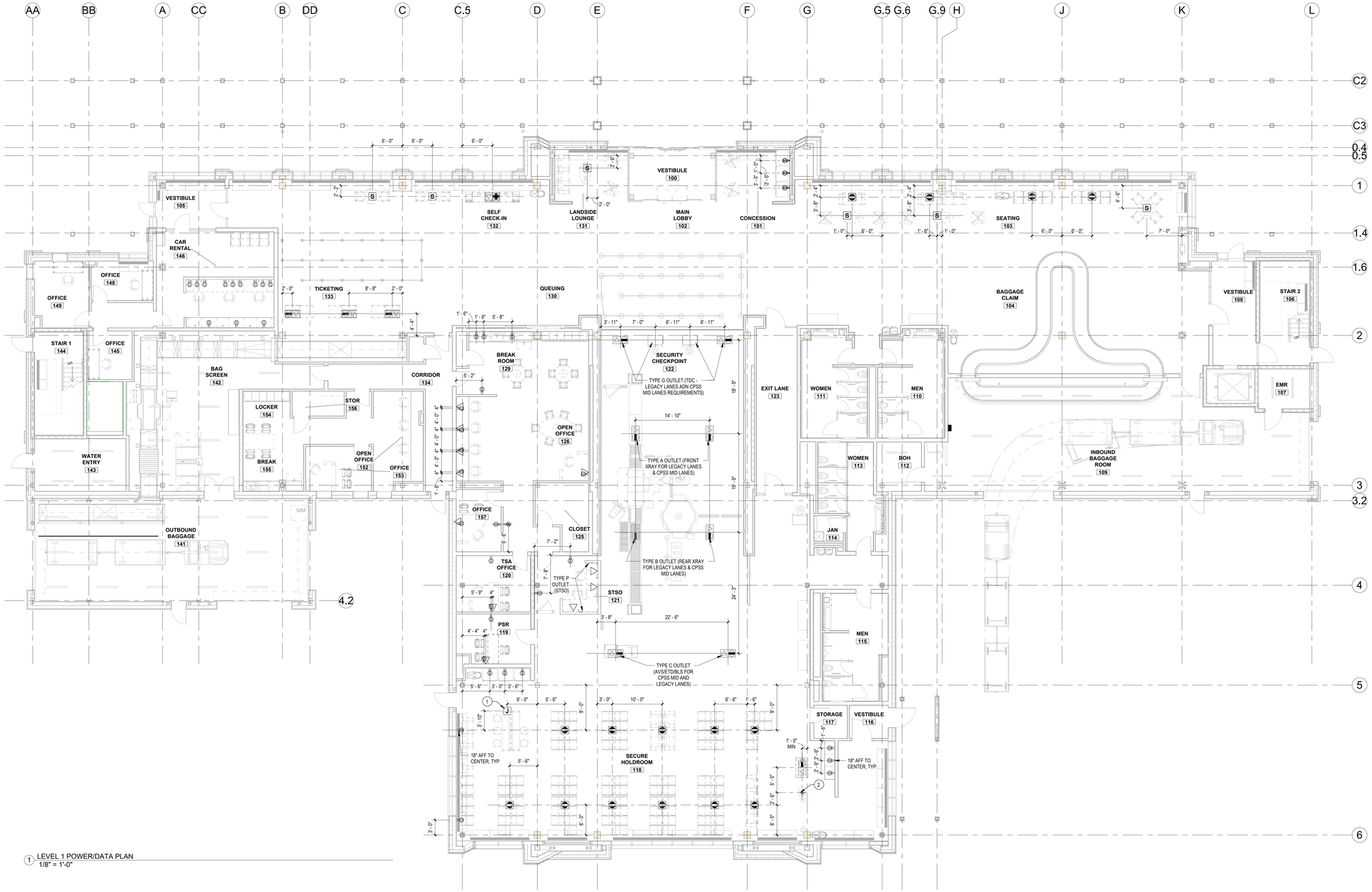
SHEET TITLE:
INTERIOR ROOM FINISH SCHEDULE
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A9.204



1 LEVEL 1 POWER/DATA PLAN
1/8" = 1'-0"

SHEET NOTES

A. REFER A1 AND A7 SERIES FOR MILLWORK INFORMATION.

B. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.

C. REFER TO FURNITURE, FIXTURES, AND EQUIPMENT PLANS FOR FURNITURE INFORMATION.

D. REFER TO FURNITURE SPECIFICATION SHEETS FOR MORE INFORMATION.

E. POWER/DATA/TELCOM OUTLETS AT WALLS SHALL BE MOUNTED AT 18" AFF TO CENTER U.N.O.

POWER/DATA LEGEND

- S — STUB-UP LOCATION, TYP INTO TABLE LEG, FOR TABLE TOP OUTLET CONNECTION.
- RECESSED DUPLEX FLOOR OUTLET, TYP.
- DUPLEX OUTLET AT WALL, TYP.
- RECESSED COMBO DUPLEX/TELECOM/DATA FLOOR OUTLET, TYP.
- J — JUNCTION BOX LOCATED W/ IN MILLWORK, DIMENSION TO JUNCTION BOX TO LOCATE STUB-UP OF CONDUIT INTO MILLWORK.
- STUB-UP LOCATION FOR POWER AND DATA CONNECTION.
- RECESSED COMBO QUAD/TELECOM/DATA FLOOR OUTLET, TYP.

KEYNOTE LEGEND

1. PROVIDE POWER STUB-UP AT WORKBAR LEG FOR DUPLEX OUTLETS WITHIN THE WORKBAR TOP.
2. PROVIDE POWER / TELECOM / DATA STUB-UP AT FACIAL RECOGNITION DEVICE.

SHEET NOTE: THIS PLAN SHOWS ONLY SPECIALTY POWER / DATA / TELCOM LOCATIONS. THIS PLAN DOES NOT SHOW ALL POWER / DATA / TELECOM LOCATIONS. SEE ELEC AND TELECOM DWGS FOR SPACE OUTLETS REQUIRED BY CODE.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 - POWER/DATA PLAN

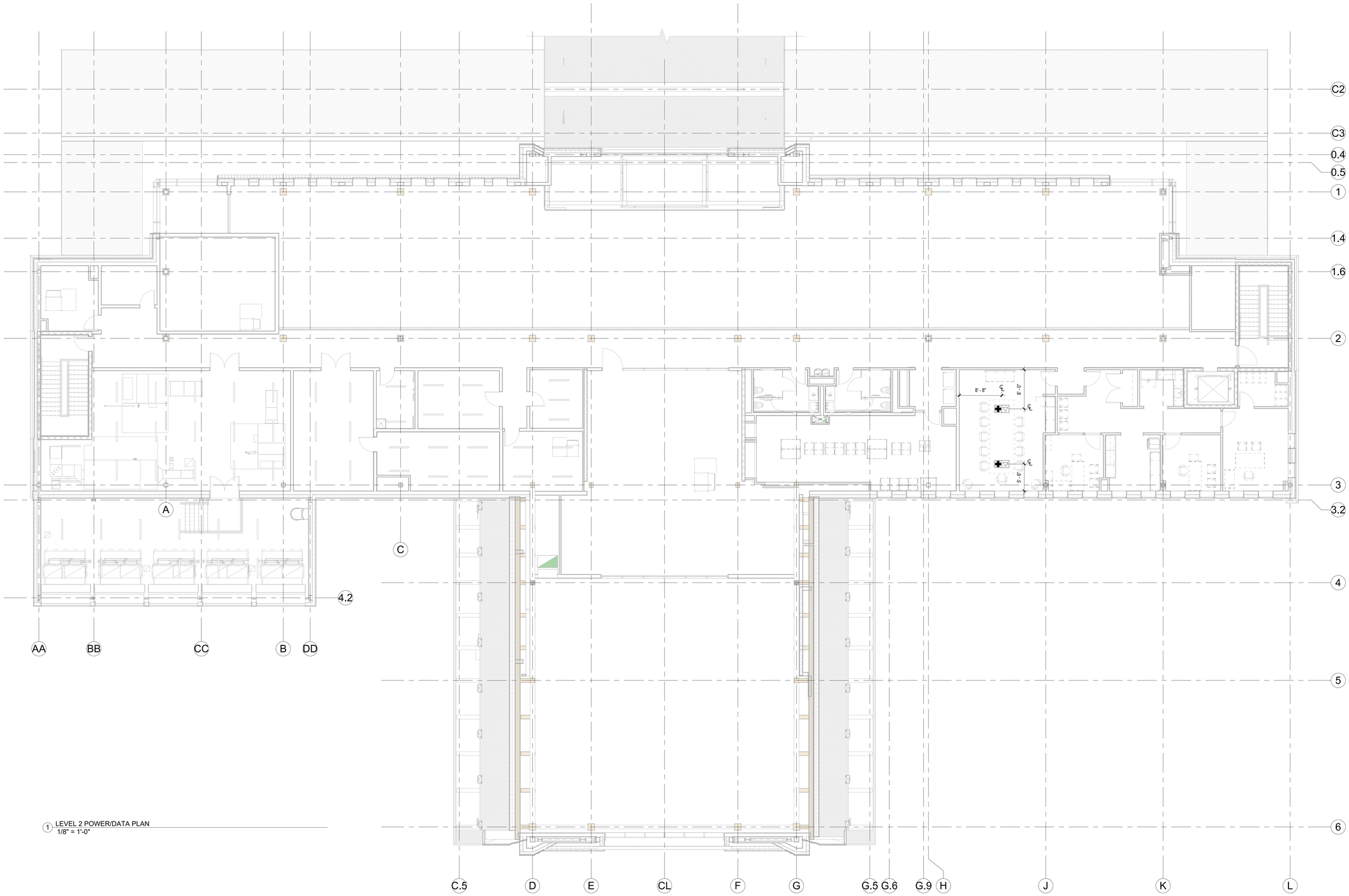
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A9.301



1 LEVEL 2 POWER/DATA PLAN
1/8" = 1'-0"

SHEET NOTES

A. REFER A1 AND A7 SERIES FOR MILLWORK INFORMATION.

B. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.

C. REFER TO FURNITURE, FIXTURES, AND EQUIPMENT PLANS FOR FURNITURE INFORMATION.

D. REFER TO FURNITURE SPECIFICATION SHEETS FOR MORE INFORMATION.

E. POWER/DATA/TELCOM OUTLETS AT WALLS SHALL BE MOUNTED AT 18" AFF TO CENTER U.N.O.

POWER/DATA LEGEND

- S — STUB-UP LOCATION, TYP INTO TABLE LEG, FOR TABLE TOP OUTLET CONNECTION.
- RECESSED DUPLEX FLOOR OUTLET, TYP.
- DUPLEX OUTLET AT WALL, TYP.
- RECESSED COMBO DUPLEX/TELECOM/DATA FLOOR OUTLET, TYP.
- J — JUNCTION BOX LOCATED W/ IN MILLWORK, DIMENSION TO JUNCTION BOX TO LOCATE STUB-UP OF CONDUIT INTO MILLWORK.
- STUB-UP LOCATION FOR POWER AND DATA CONNECTION.
- RECESSED COMBO QUAD/TELECOM/DATA FLOOR OUTLET, TYP.

KEYNOTE LEGEND

1. PROVIDE POWER STUB-UP AT WORKBAR LEG FOR DUPLEX OUTLETS WITHIN THE WORKBAR TOP.
2. PROVIDE POWER / TELECOM / DATA STUB-UP AT FACIAL RECOGNITION DEVICE.

SHEET NOTE: THIS PLAN SHOWS ONLY SPECIALTY POWER / DATA / TELCOM LOCATIONS. THIS PLAN DOES NOT SHOW ALL POWER / DATA / TELECOM LOCATIONS. SEE ELEC AND TELECOM DWGS FOR SPACE OUTLETS REQUIRED BY CODE.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 - POWER/DATA PLAN

BID DOCUMENTS

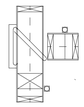
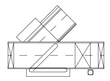
DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

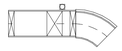
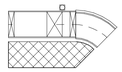
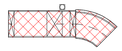
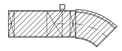
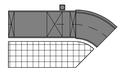
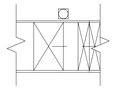
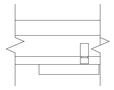
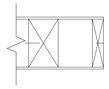
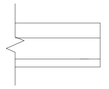
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
A9.302

BHS EQUIPMENT LEGEND

DESCRIPTION	PLAN VIEW	ELEVATION
TRANSPORT CONVEYOR		
QUEUE CONVEYOR		
INCLINE CONVEYOR		
DECLINE CONVEYOR		
NOSEOVER CONVEYOR		
MERGE CONVEYOR		
30° POWER TURN		
45° POWER TURN		
90° POWER TURN		
30° SPIRAL TURN		
45° SPIRAL TURN		
90° SPIRAL TURN		
90° HSD DIVERT		
45° HSD DIVERT		
FIRE/SECURTY DOOR		
MCP		

SYMBOLS

	EXISTING CONVEYOR
	EXISTING CONVEYOR W/ EXISTING CATWALK
	CONVEYOR TO BE DEMOLISHED
	CONVEYOR TO BE MODIFIED / RE-USED
	PROPOSED CONVEYOR
	PROPOSED CONVEYOR W/ NEW CATWALK
	BREAK LINE
	FLOW ARROW
	ELEVATION MARKER
	DRIVE SECTION (PLAN VIEW)
	DRIVE SECTION (ELEVATION)
	ENDROLLER SECTION (PLAN VIEW)
	ENDROLLER SECTION (ELEVATION)

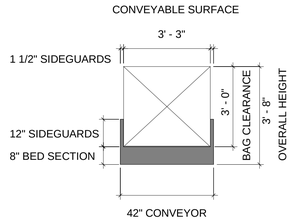
ABBREVIATIONS

ABBR.	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
AOB	AIRPORT OFFICE BUILDING
ARCH	ARCHITECT
ATR	AUTOMATIC TAG READER
BF	BETWEEN FRAME
BHS	BAGGAGE HANDLING SYSTEM
BIR	BAGGAGE INSPECTION ROOM
BLDG	BUILDING
BOS	BOTTOM OF STEEL
BOT	BOTTOM
CB	CLEAR BAG
CBRA	CHECKED BAGGAGE RESOLUTION AREA
CENTL	CENTRAL
CL	CENTERLINE
CLR	CLEAR
CNTR	CONTAINER
CONC	CONCRETE
CONT	CONTINUOUS
CONV	CONVEYOR
CS	CURBSIDE
DEG	DEGREE
DWG	DRAWING
(E)	EXISTING
ETD	ELECTRONIC TRACE DETECTION
EL	ELEVATION
E-STOP	EMERGENCY STOP
EQUIP	EQUIPMENT
FIN	FINISH
FIS	FEDERAL INSPECTION SERVICES
FL	FLOOR
GC	GENERAL CONTRACTOR
HT	HEIGHT
ICS	INDIVIDUAL CARRIER SYSTEM
ID	IDENTIFICATION
INOP	INOPERABLE
INTFC	INTERFACE
INTL	INTERNATIONAL
IQT	IMAGE QUALITY TEST
ISO	ISOMETRIC
LVL	LEVEL
MANT	MAINTENANCE
MCP	MOTOR CONTROL PANEL
MEZZ	MEZZANINE
MIN	MINIMUM
MOD	MODULE
MU	MAKE-UP UNIT
NIC	NOT IN CONTRACT
NO	NUMER
OA	OVERALL
O/C	ON CENTER
OOG	OUT OF GAUGE BAG
OPS	OPERATIONS
OPNG	OPENING
OS	ODDSIZE/OVERSIZED
OSR	ON SCREEN RESOLUTION
PAX	PASSENGERS
PDP	POWER DROP POINT
PLATF	PLATFORM
REF	REFERENCE
REQ'D	REQUIRED
SEC	SECONDS
SB	SUSPECT BAG
SM	SIMILAR
SS	STAINLESS STEEL
STR	STRUCTURE
SWA	SOUTHWEST AIRLINES
TCU	THREAT CONTAINMENT UNIT
TEMP	TEMPORARY
TERM	TERMINAL
TOB	TOP OF BELT
TOP	TOP OF PLATFORM
TOS	TOP OF STEEL
TRS	TOP RUNNING SURFACE
TSA	TRANSPORTATION SAFETY ADMIN
TYP	TYPICAL
VIF	VERIFY IN FIELD

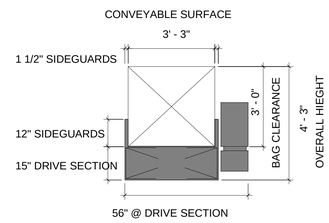
DRAWING SHEET LIST

Sheet Number	Sheet Name
Q1.100	LEGEND, ABBREVIATIONS, SHEET LIST
Q1.101	GENERAL NOTES & EQUIPMENT MANIFEST
Q1.300	BHS PROPOSED OVERALL - LEVEL 1
Q1.301	BHS PROPOSED OUTBOUND - LEVEL 1
Q1.302	BHS PROPOSED INBOUND - LEVEL 1
Q1.401	BHS PROPOSED - SECTIONS
Q1.500	BHS CONTROL STATION DETAILS
Q1.501	BHS CONTROLS OUTBOUND - LEVEL 1
Q1.502	BHS CONTROLS INBOUND - LEVEL 1
Q1.601	BHS EDS REMOVAL PATH & REMOVABLE CONVEYORS
Q1.701	BHS TYPICAL DETAILS - LOADS
Q1.702	BHS TYPICAL DETAILS - SUPPORTS
Q1.703	BHS TYPICAL DETAILS - FIREDOORS
Q1.704	BHS TYPICAL DETAILS - GUARDRAILS
Q1.705	BHS TYPICAL DETAILS - PHOTOCELLS
Q1.706	BHS TYPICAL DETAILS - MISC

TYPICAL CONVEYOR CLEARANCES



TYPICAL CONVEYOR ROW



TYPICAL CONVEYOR ROW @ DRIVE SECTION

CONVEYOR I.D. NOMENCLATURE

XXX - ##

CONVEYOR SUBSYSTEM ID

TC - TICKET COUNTER
OSR - ON SCEEN RESOLUTION
CL - CLEAR LINE
CD - CLAIM DEVICE

CONVEYOR SEQUENCE NUMBER

BEGINS WITH 01
CONTINUES CONSECUTIVELY
THROUGH DURATION OF
SUBSYSTEM

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEGEND, ABBREVIATIONS, SHEET LIST
BID DOCUMENTS

DISCIPLINE:
BHS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
Q1.100

BHS MOTOR MANIFEST

BHS ID	MCPs	Description	Overall Length (LF)	Angle (Deg)	Bed Width (FT)	Speed (FPM)	Live Load Weight (kg)	Motor HP	Motor kW	Volts	NEC Full-Load Amps	Esti FLA	kW
TC-01	MCP-OB	Horizontal Load Conveyor	26.18	0	3.25	90	80	3.0	2.51	460	4.80	3.20	2.51
TC-FD/SD	MCP-OB	Security Fire Door	0.00	0	0	0	0	0.5	0.44	460	1.10	0.56	0.44
TC-02	MCP-OB	Incline Conveyor	7.50	13.5	3.25	90	40	1.5	1.27	460	3.00	1.62	1.27
TC-03	MCP-OB	Queue Conveyor	4.00	0	3.25	90	80	2.0	1.70	460	3.40	2.17	1.70
TC-04	MCP-OB	Queue Conveyor	4.00	0	3.25	90	80	2.0	1.70	460	3.40	2.17	1.70
TC-05	MCP-OB	Queue Conveyor	4.00	0	3.25	90	80	2.0	1.70	460	3.40	2.17	1.70
TC-06	MCP-OB	Queue Conveyor	4.00	0	3.25	90	80	2.0	1.70	460	3.40	2.17	1.70
TC-07	MCP-OB	Queue Conveyor	5.75	0	3.25	90	80	2.0	1.70	460	3.40	2.17	1.70
TC-08	MCP-OB	Queue Conveyor	4.00	0	3.25	90	80	2.0	1.70	460	3.40	2.17	1.70
EDS	MCP-OB	EDS Unit CT-80DR	0.00	0	0	0	0	0.0	4.40	240	18.33	18.33	4.40
OSR-01	MCP-OB	Queue Conveyor	4.00	0	3.25	90	80	2.0	1.70	460	3.40	2.17	1.70
CL-01	MCP-OB	Queue Conveyor	5.17	0	3.25	90	80	2.0	1.70	460	3.40	2.17	1.70
CL-FD/SD	MCP-OB	Security Fire Door	0.00	0	0	0	0	0.5	0.44	460	1.10	0.56	0.44
CL-02	MCP-OB	Horizontal Conveyor	23.89	0	3.25	90	40	1.5	1.27	460	3.00	1.62	1.27
CD	MCP-CD	Flat Plate Recirculating Claim Device	123.25	0	5.5	90	80	5.0	4.10	460	7.60	5.24	4.10
CD	MCP-CD	Flat Plate Recirculating Claim Device	123.25	0	5.5	90	80	5.0	4.10	460	7.60	5.24	4.10
CD-FD/SD1	MCP-CD	Security Fire Door	0.00	0	0	0	0	0.5	0.44	460	1.10	0.56	0.44
CD-FD/SD2	MCP-CD	Security Fire Door	0.00	0	0	0	0	0.5	0.44	460	1.10	0.56	0.44

BHS MOTOR CONTROL PANEL (MCP)

MCPs	NEC Full-Load Amps	NEC Full-Load Amps (Adjusted)
MCP-OB	82.99	90.00
MCP-CD	29.97	30.00

Notes:

Included Contingencies: Growth = 10% and Contingency = 10%.

Included Controls Load = 12.03 Amps @ 480 VAC, 3 Phase.

BHS ESTIMATED POWER REQUIREMENTS

Feeder by Building Power	Motor Power Panel 480VAC, 3ϕ			Controls Transformer 480VAC, 5kVA,3ϕ/ 120VAC, 1ϕ	Controls Distribution 120VAC, 1ϕ		Conveyor Controls Unit 120VAC/24VDC
	Label	NEC Connected Amps (Est/Adj)	Estimated FLA (Est/Adj)	Lable	Lable	LLC	Lable
Feeder-A - (90 Amps NEC / 90 Amps EstFLA)	MCP-OB	82.99 / 90.00	81.11 / 90.00	XFMR-OB	MCP-OB	Remote I/O	TBD
Feeder-B - (30 Amps NEC / 30 Amps EstFLA)	MCP-CD	29.97 / 30.00	27.00 / 30.00	XFMR-CD	MCP-CD	Remote I/O	TBD

Notes:

Included Contingencies: Growth = 10% and Contingency = 10%.

Included Controls Load = 12.03 Amps @ 480 VAC, 3 Phase.

Adjacent Controls Distribution Panel (CDP) is to be 120 VAC, 1 Phase transformed down from 480 VAC, 12.03 Amps, 3 Phase.

MPP to CDP Transformer to be mounted above MPP and CDP.

GENERAL NOTES - PROJECT

A. THE CONSTRUCTION DRAWINGS ILLUSTRATE THE DESIGN INTENT OF THE WORK. THEY INDICATE LOCATION, DIMENSIONS AND TYPICAL DETAILS. THE ARCHITECTURAL DRAWINGS ARE PART OF A LARGER SET OF DRAWINGS LISTED BY THE INDEX OF DRAWINGS AND THE PROJECT SPECIFICATIONS. CONDEQUENTLY, THE WORK DESCIRBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY AFFECT THE WORK DESCSRIBED ON THE DRAWINGS OF ANOTHER DISCIPLINE, AND MAY REQUIRE REFERENCE TO THE DRAWINGS OF ANOTHER DISCIPLINE. THEREFORE, PARTIAL SETS OF DRAWINGS ARE INCOMPLETE AND SHALL NOT BE DISTRIBUTED OR UTILIZED BY ANYONE.

B. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE STATE AND/OR LOCA CODES, LAWS, AMDENDMENTS, ORDINANCES, INCLUDING ALL CODES LISTED IN THE APPLICABLE CODES SECTION.

C. DO NOT SCALE DRAWINGS.

D. FIELD VERIFY ALL DIMENSIONS PRIOR TO START OF WORK.

E. CONTACT THE ARCHITECT FOR DETERMINING A REQUIRED DIMENSION THAT CANNOT BE OPTAINED BASED ON DRAWING INFORMATION, BEFORE PROCEEDING WITH THE WORK.

F. WHERE DISCREPANCIES OCCUR BETWEEN FLOOR PLANS, DETAILS, AND LARGE SCALE PLANS, OR WHERE DISCREPANCIES OCCUR BETWEEN ARCHITECTURAL DRAWINGS AND ENGINEERING DRAWINGS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

G. NOT ALL CODED NOTES FOR A PARTICULAR SERIES APPEAR OR ARE USED ON EACH SHEET WITHIN THE SERIES - TYPICAL.

H. EXPANSION JOINTS ARE TYPICALLY LOCATED AT DOUBLE COLUMNS AS SHOWN. REFER TO THE STRUCTURAL DRAWINGS FOR MORE INFORMATION ABOUT EXPANSION JOINTS AND LATERAL BRACING.

I. REFERENCE THE DRAWING SERIES LEGEND FOR INFORMATION CONTAINED IN EACH ARCHITECTURAL DRAWING SERIES.

J. THE RELATIVE DESIGN REFERENCE ELEVATION OF +0'-0", AS INDICATED ON THE DRAWINGS, CORRESPONDS TO THE FINISH FLOOR ELEVATION OF THE FLOOR IN QUESTION.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

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WWW.AECOM.COM

CONSULTANT:

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60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
GENERAL NOTES & EQUIPMENT MANIFEST

BID DOCUMENTS

DISCIPLINE:
BHS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

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DATE: 06/05/2024

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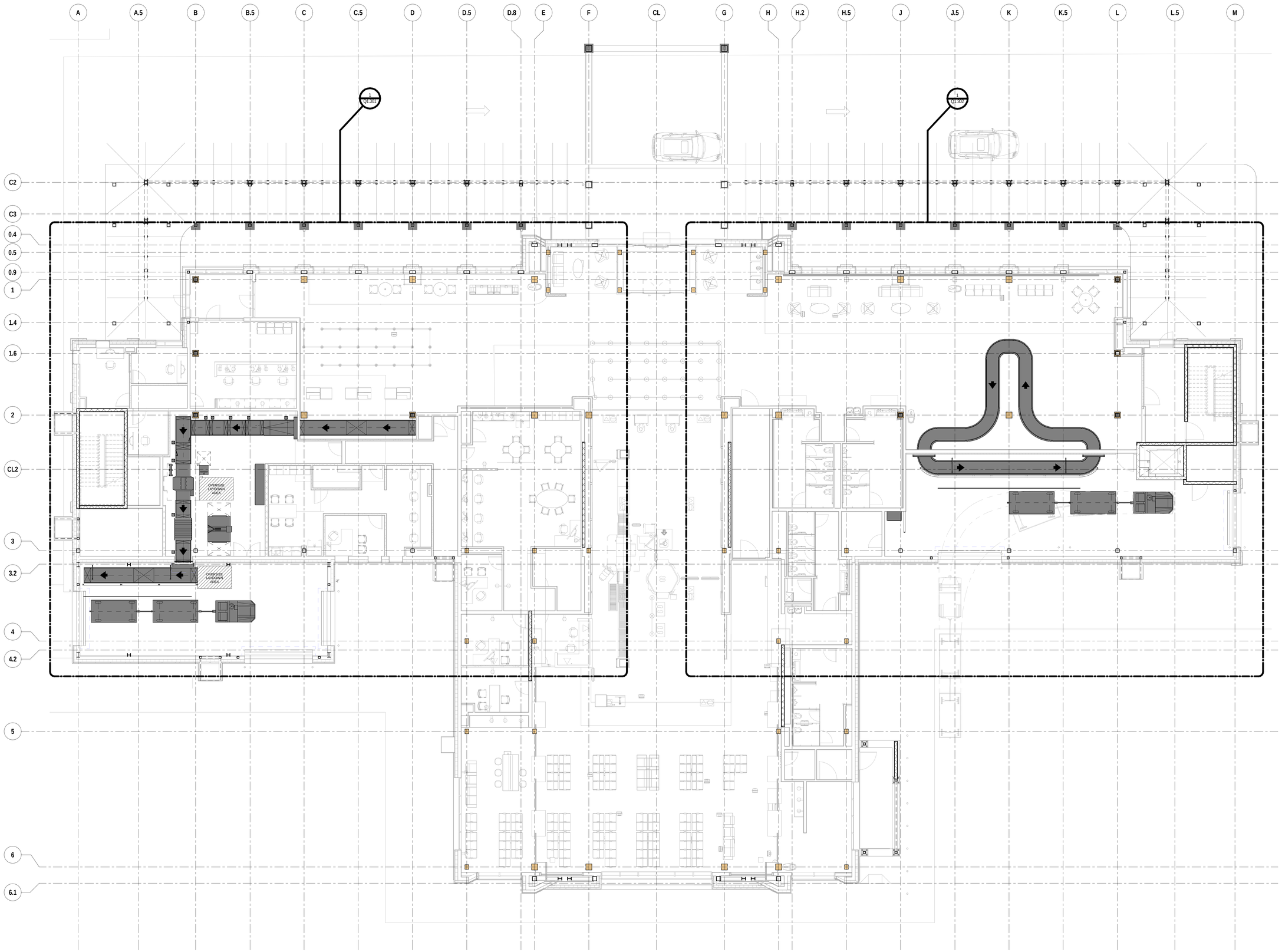
Q1.101



1 BHS PROPOSED OVERALL LEVEL 1
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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CONSULTANT:

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PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS PROPOSED OVERALL - LEVEL 1

BID DOCUMENTS

DISCIPLINE:
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Designer	Author	Checker	Approver

SCALE: AS NOTED

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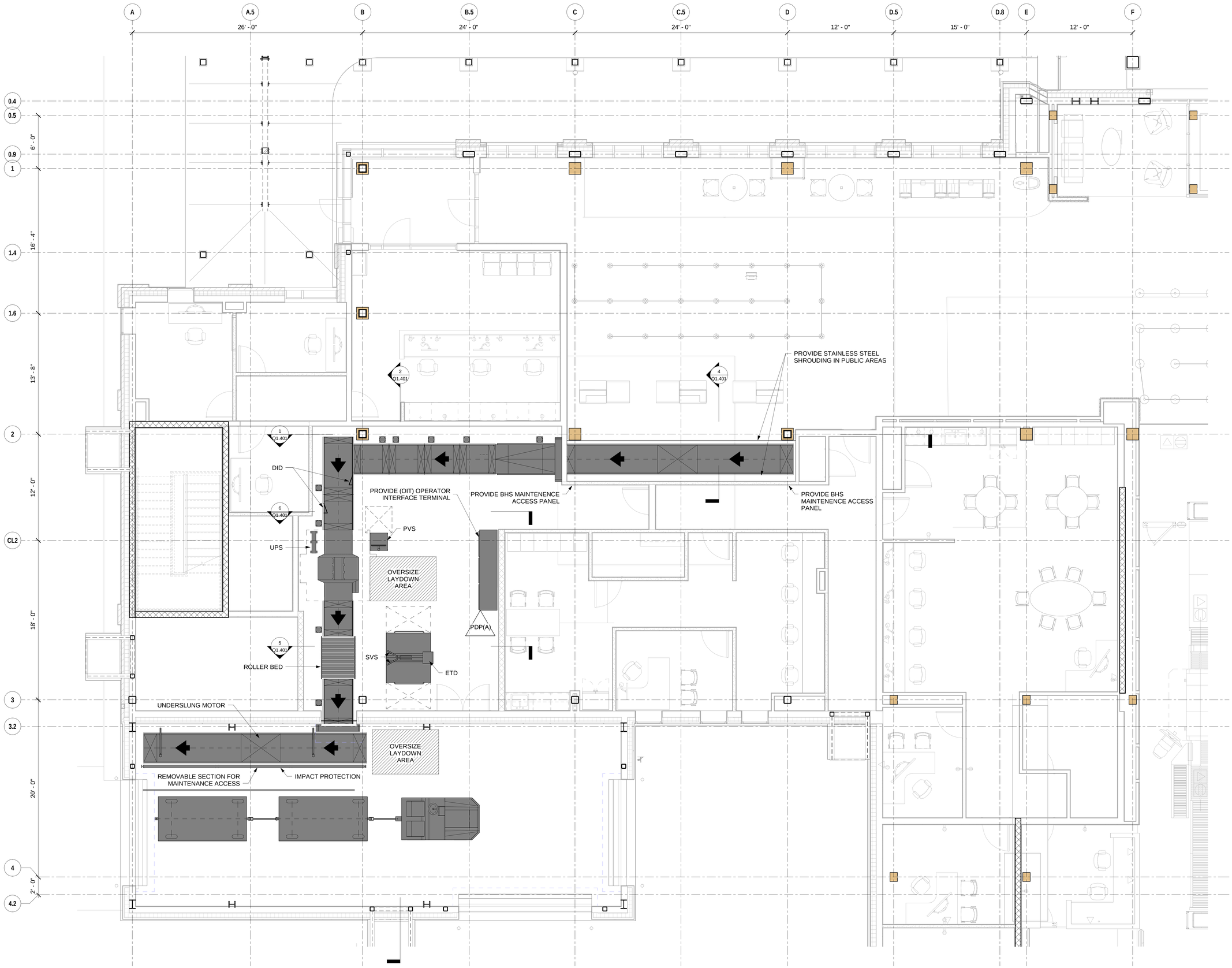

1 BHS PROPOSED OUTBOUND LEVEL 1
1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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WWW.AECOM.COM

CONSULTANT:

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PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS PROPOSED OUTBOUND - LEVEL 1

BID DOCUMENTS

DISCIPLINE:
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Designer	Author	Checker	Approver

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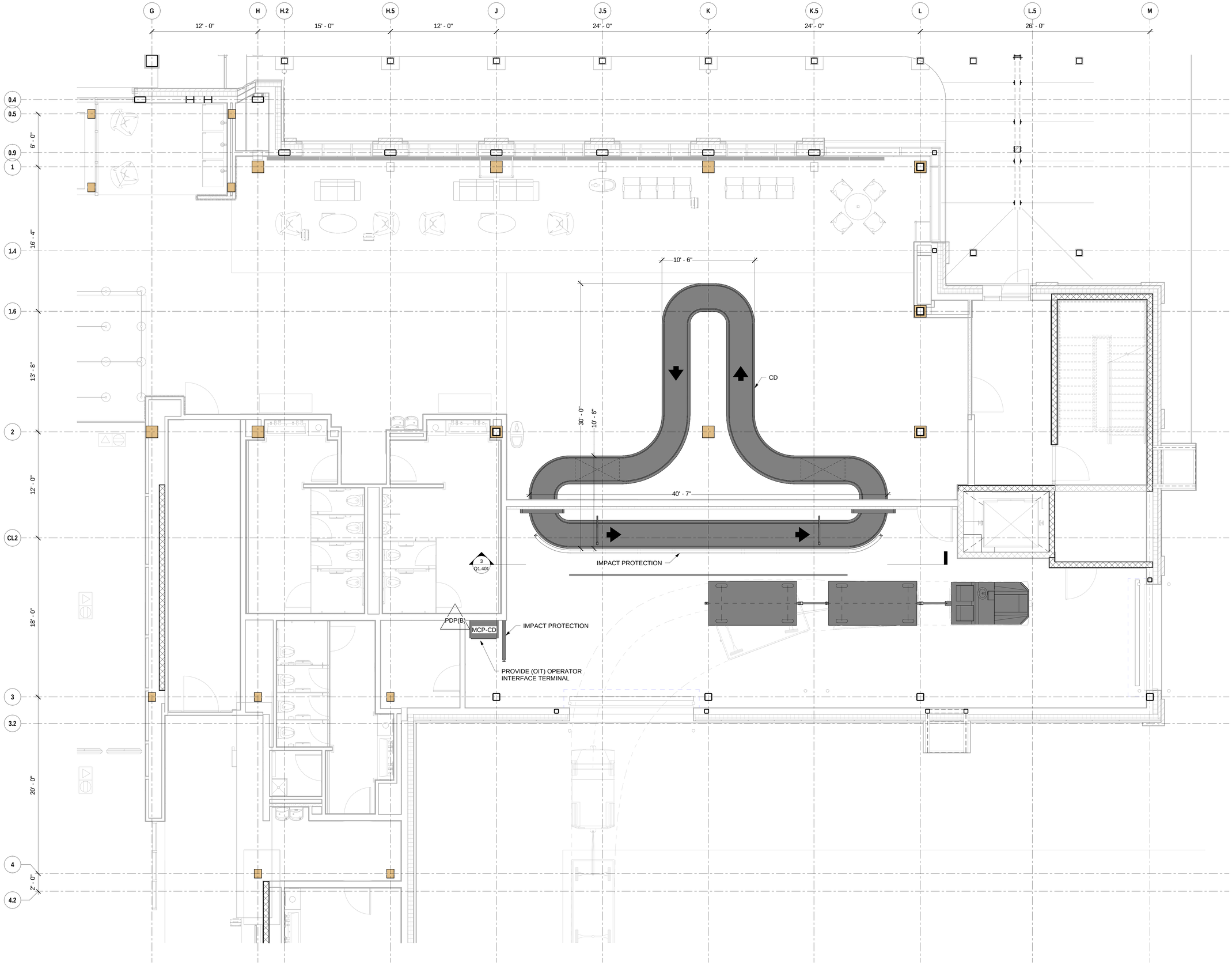

1 BHS PROPOSED INBOUND LEVEL 1
1/4" = 1'-0"

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SHEET TITLE:
BHS PROPOSED INBOUND - LEVEL 1

BID DOCUMENTS

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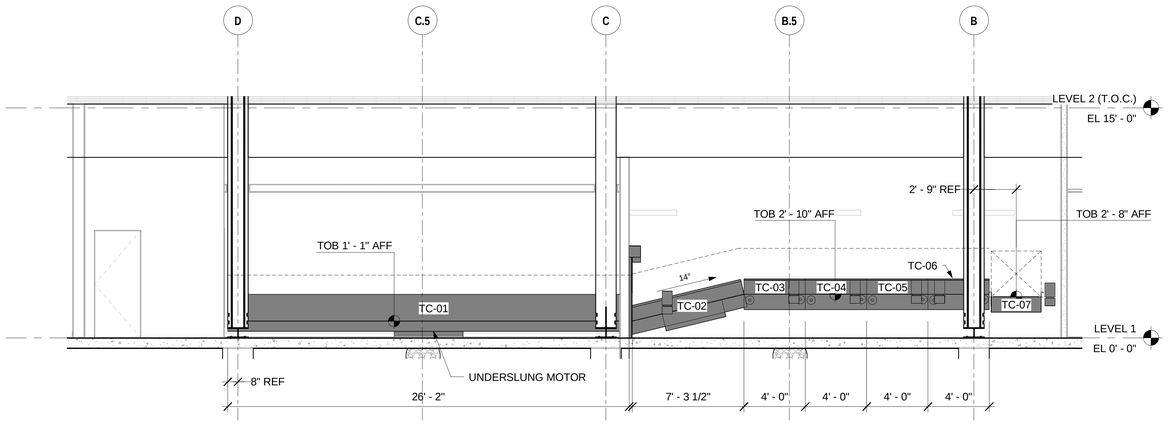
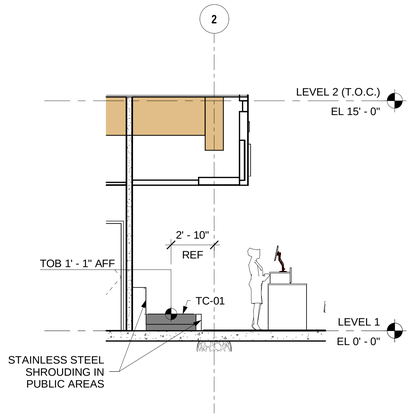
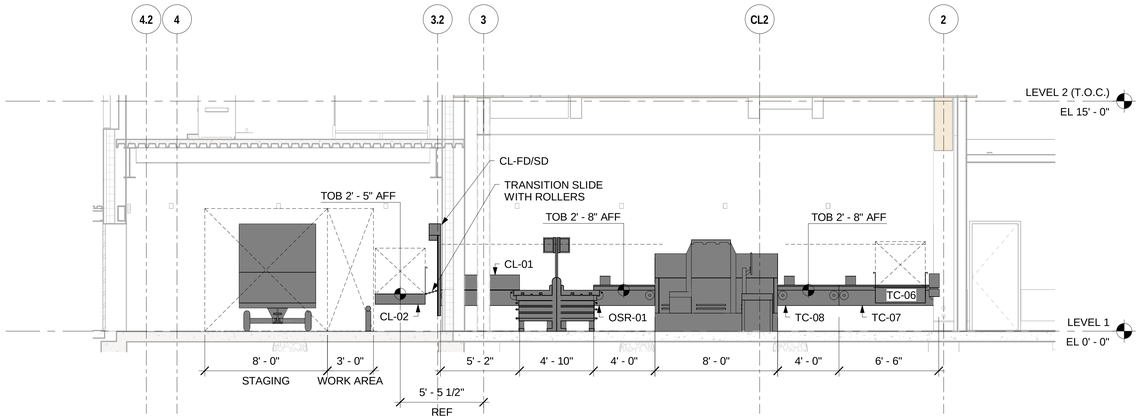
Q1.302



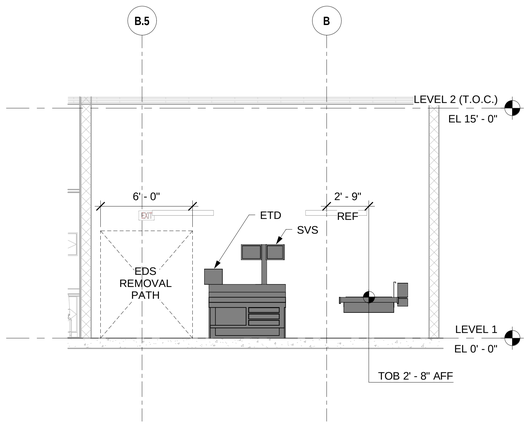
1 BHS SECTION 1
1/4" = 1'-0"



4 BHS SECTION 7
1/4" = 1'-0"



2 BHS SECTION 2
1/4" = 1'-0"



5 BHS SECTION 5
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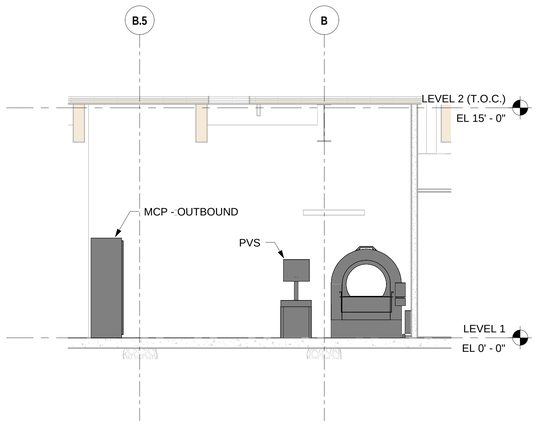
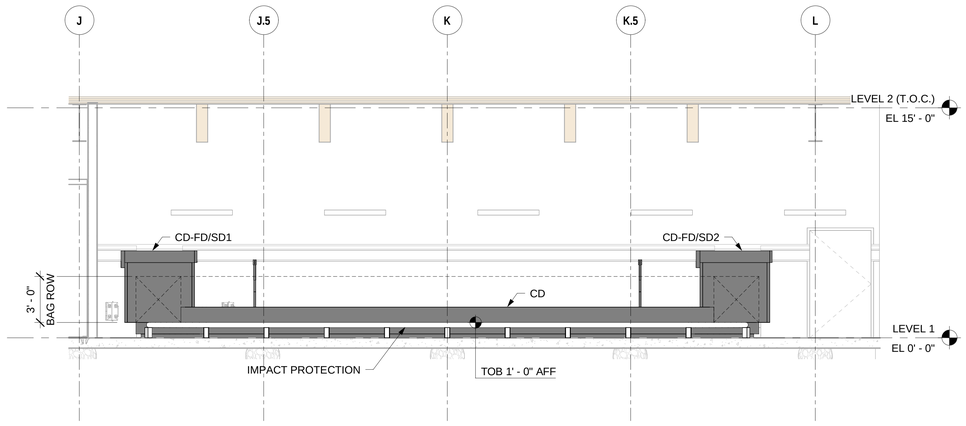


6 BHS SECTION 6
1/4" = 1'-0"



3 BHS SECTION 3
1/4" = 1'-0"

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SHEET TITLE:
BHS PROPOSED - SECTIONS

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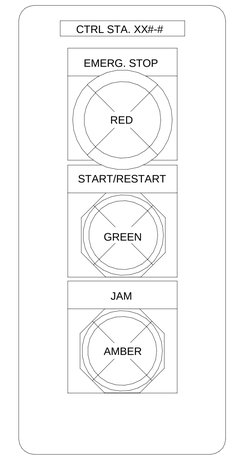
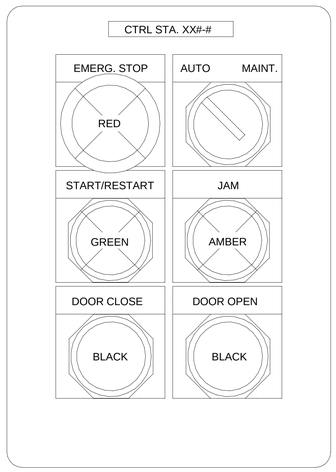
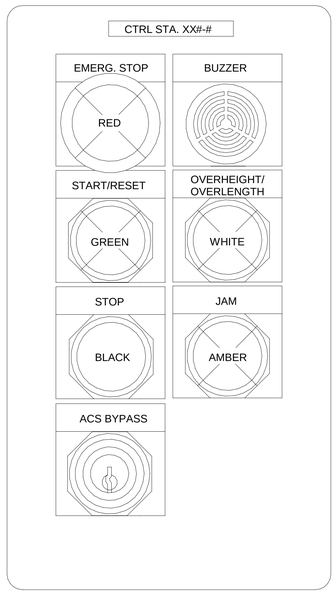


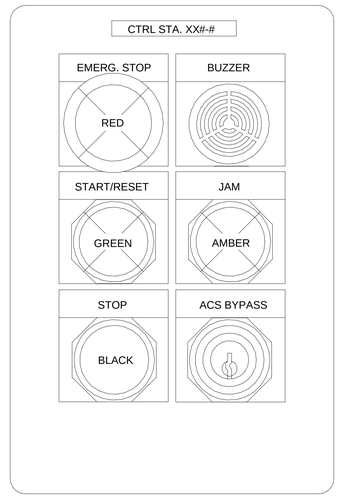
1 TYPE 1 CS - JAM RESET CONTROL STATION
6" = 1'-0"



2 TYPE 2 CS - SECURITY/FIRE DOOR CONTROL STATION
6" = 1'-0"

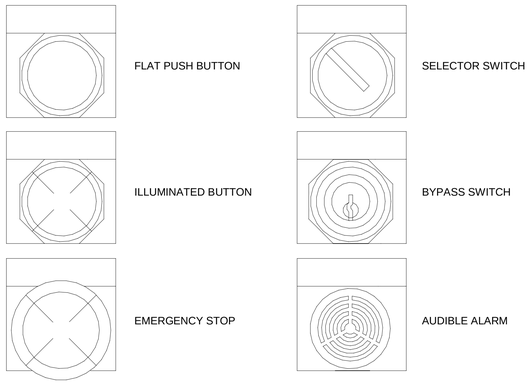


3 TYPE 3 CS - TICKET COUNTER HEAD CONTROL STATION
6" = 1'-0"



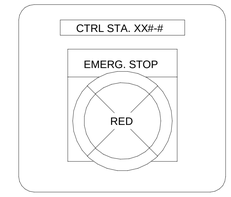
4 TYPE 4 - TICKET COUNTER TAIL CONTROL STATION
6" = 1'-0"

CONTROL STATION LEGEND

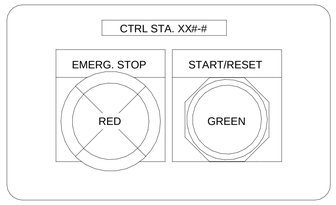


NOTES:

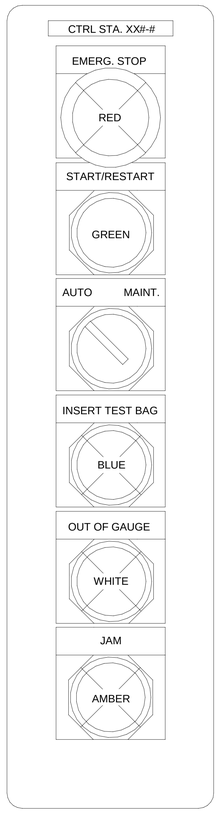
1. BHS EQUIPMENT CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EMERGENCY STOP CONTROL STATIONS THAT MAY BE REQUIRED TO MEET CODE AND TO PROVIDE A SAFE WORKING ENVIRONMENT.



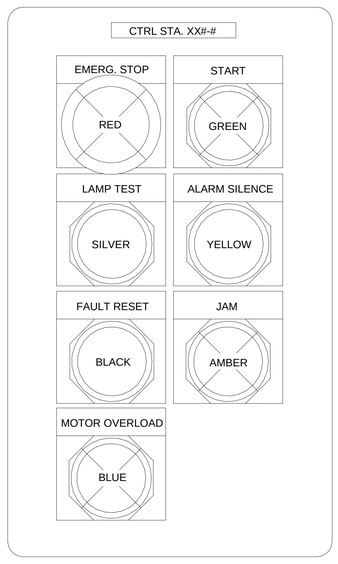
5 TYPE 10 CS - MU E-STOP CONTROL STATION
6" = 1'-0"



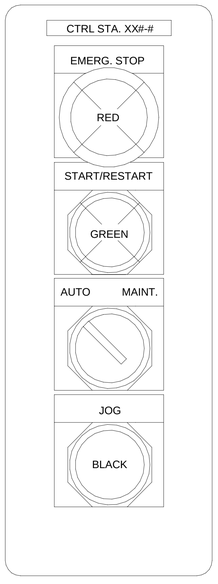
6 TYPE 12 CS - MU RESET CONTROL STATION
6" = 1'-0"



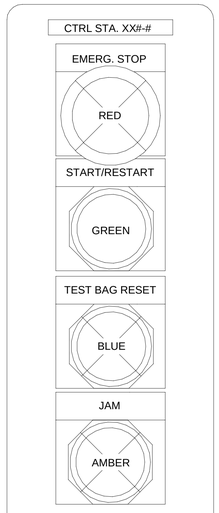
10 TYPE 14 CS - OTK ENTRANCE CONTROL STATION
6" = 1'-0"



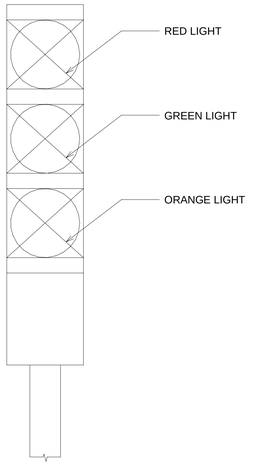
7 TYPE 5 CS - MCP CONTROL STATION
6" = 1'-0"



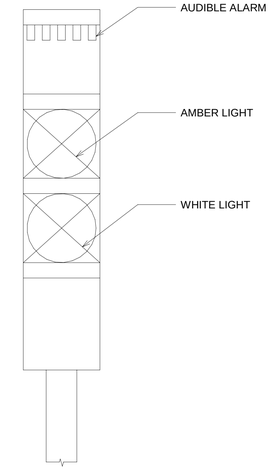
8 TYPE 11 CS - MU MOTORS CONTROL STATION
6" = 1'-0"



9 TYPE 15 CS - OTK EXIT CONTROL STATION
6" = 1'-0"



11 TYPE 1 SL - DECISION POINT STACK LIGHT
6" = 1'-0"



12 TYPE 2 SL - STARTUP ALARM STACK LIGHT
6" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

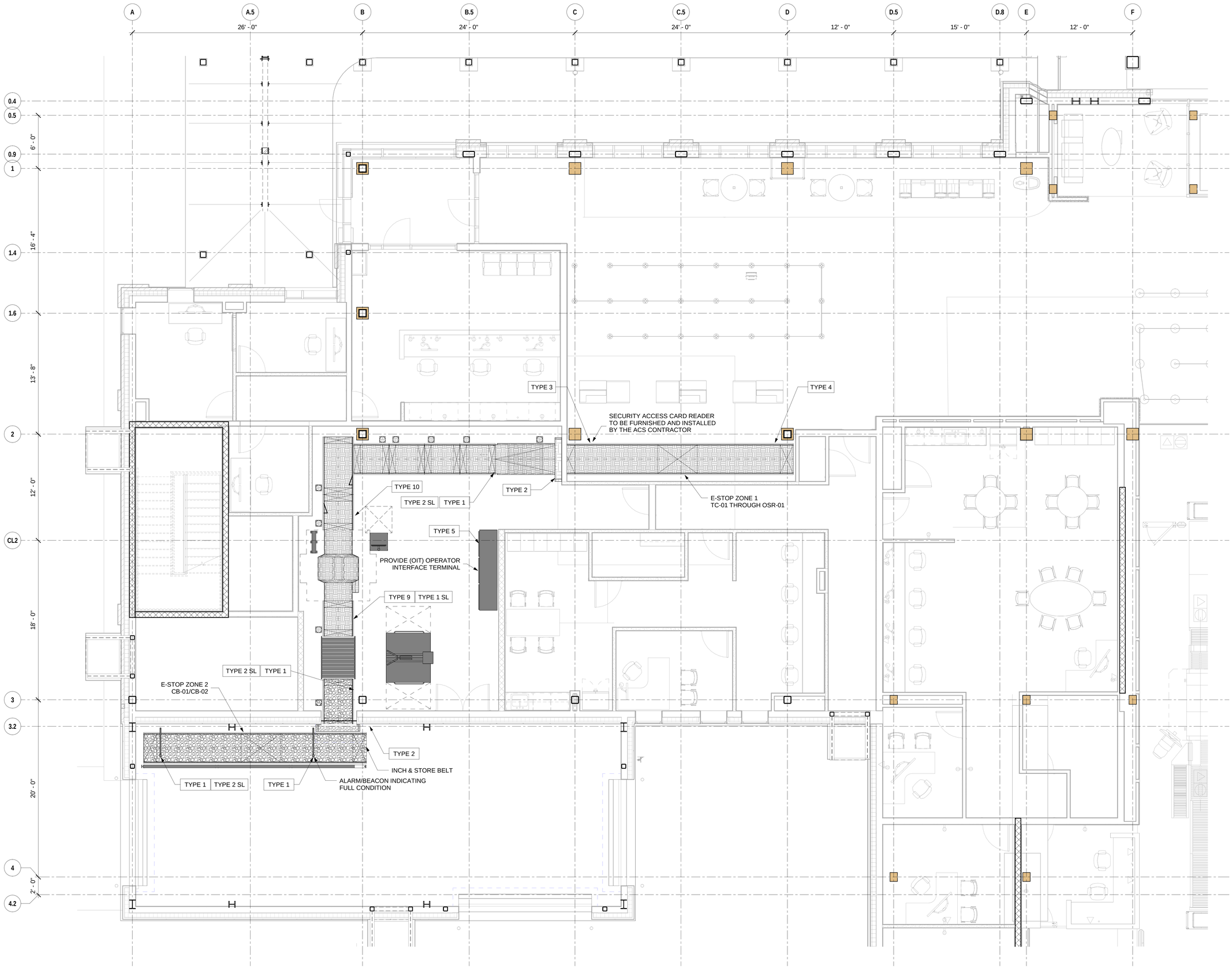
SHEET TITLE:
BHS CONTROL STATION DETAILS
BID DOCUMENTS

DISCIPLINE:
BHS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
Q1.500



1 BHS CONTROLS OUTBOUND LEVEL 1
1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS CONTROLS OUTBOUND - LEVEL 1

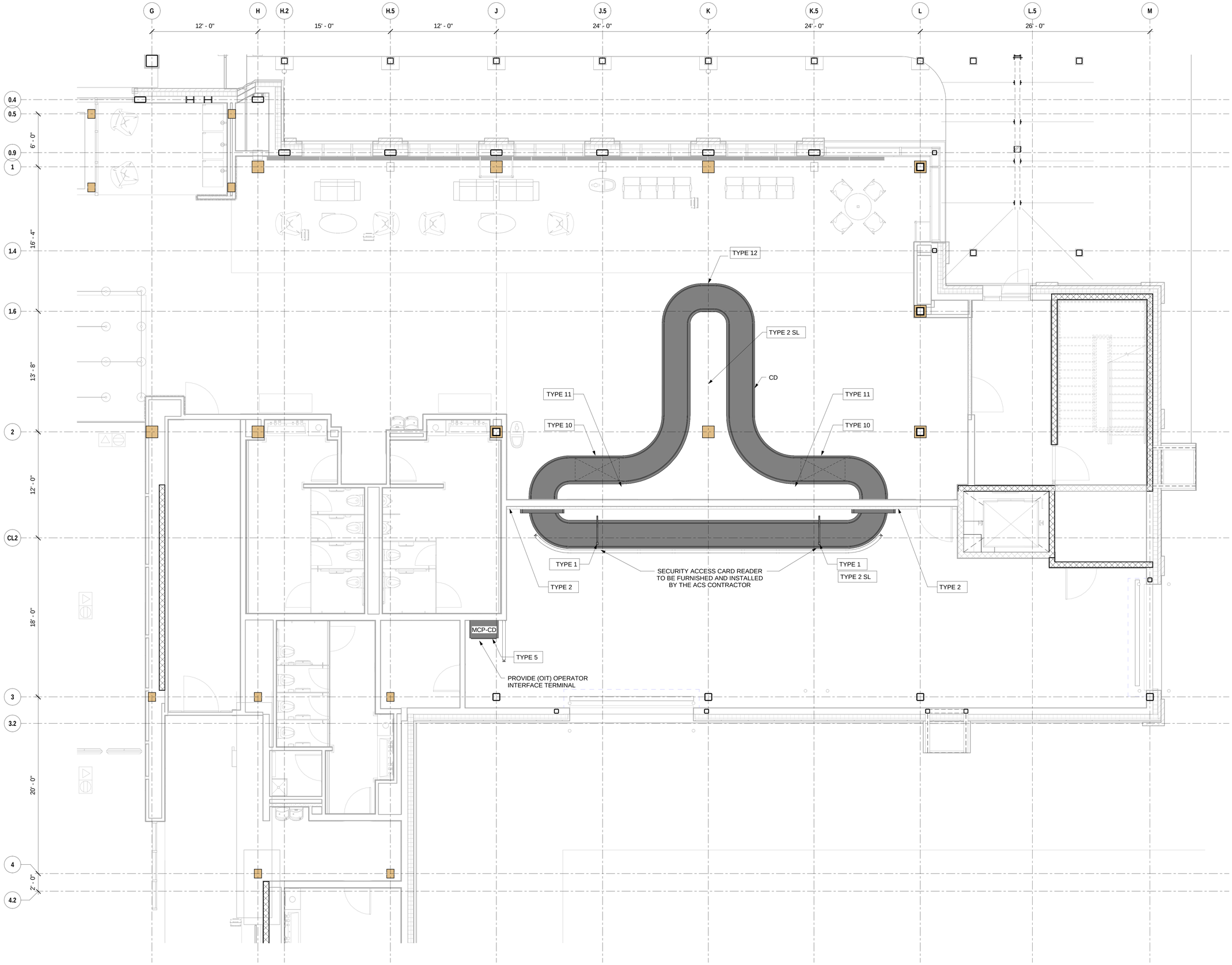
BID DOCUMENTS

DISCIPLINE:
BHS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
Q1.501



1 BHS CONTROLS INBOUND LEVEL 1
1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS CONTROLS INBOUND - LEVEL 1

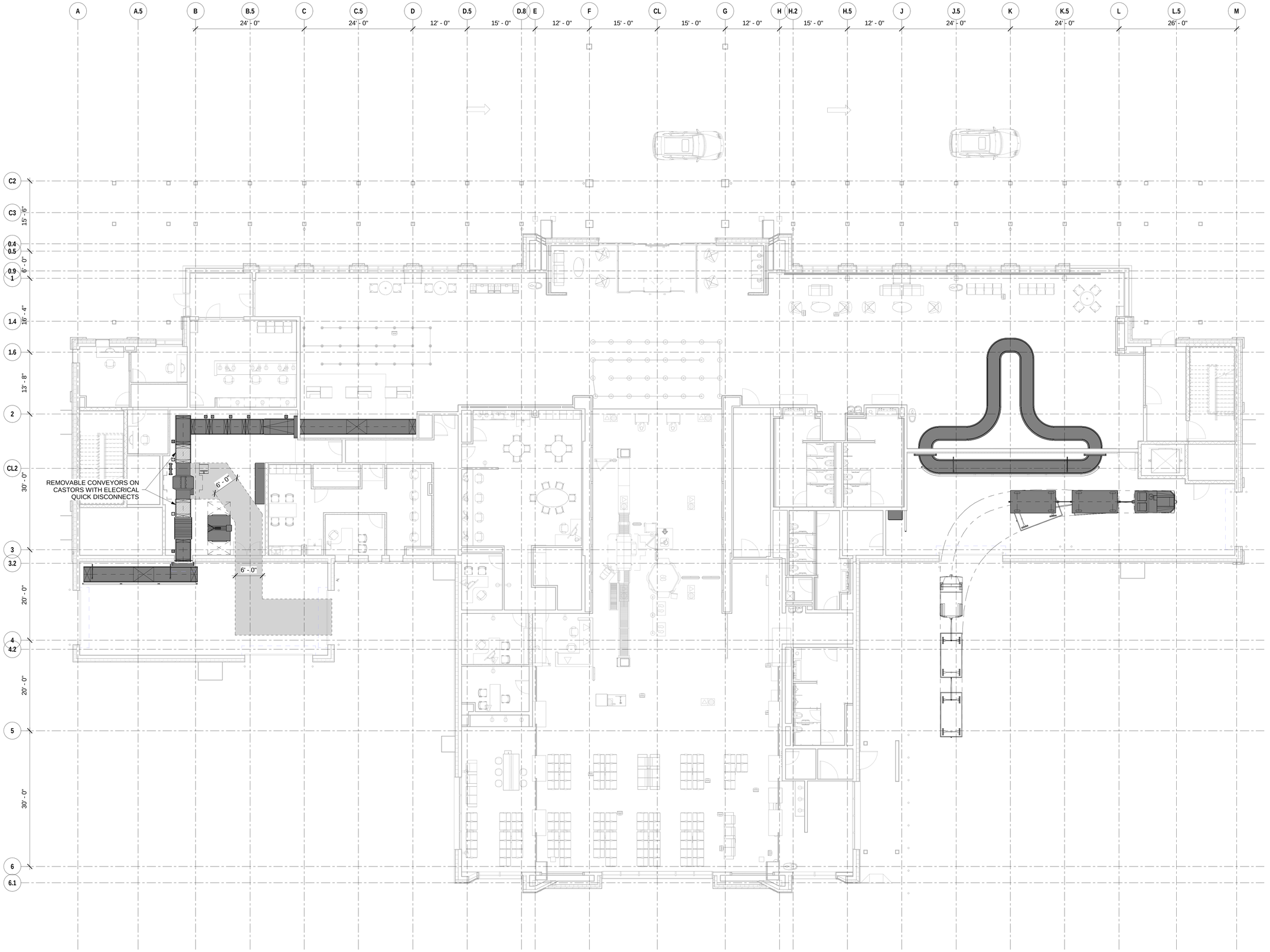
BID DOCUMENTS

DISCIPLINE:
BHS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
Q1.502



1 BHS EDS REMOVAL LEVEL 1
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:

AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS EDS REMOVAL PATH & REMOVABLE CONVEYORS

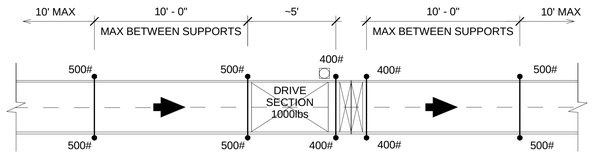
BID DOCUMENTS

DISCIPLINE:
BHS

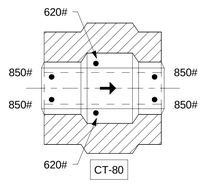
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE:	DATE:
AS NOTED	06/05/2024

SHEET NUMBER:
Q1.601



1 LOADS - SINGLE CONVEYOR
1/4" = 1'-0"



4 LOADS - CT80
1/4" = 1'-0"

GENERAL NOTES

1.) THE POINT LOAD DRAWINGS REPRESENT TYPICAL CONVEYOR SEGMENTS AND ARE FOR REFERENCE ONLY. THE BHS CONTRACTOR IS RESPONSIBLE TO SUBMIT LOAD CALCULATIONS, SUPPORT AND ATTACHMENT DETAILS BY A REGISTERED P.E. IN THE THE STATE IN WHICH THE WORK WILL BE PERFORMED AND SHALL COMPLY WITH ALL LOCAL, STATE AND GOVERNING CODES.

2.) LOAD CALCULATIONS, SUPPORT AND ATTACHMENT DETAILS ARE TO BE SUBMITTED TO THE OWNER OR THEIR REPRESENTATIVE FOR REVIEW BEFORE INSTALLATION OF BHS EQUIPMENT.

3.) THE POINT LOADS PLACEMENT DIAGRAMS AND CONFIGURATIONS SHOWN REPRESENT A TYPICAL POSSIBLE CONFIGURATION AND DO NOT EMCOMPASS ALL POSSIBLE CONFIGURATIONS WHICH MAY BE UTILIZED.

4.) VIBRATION ISOLATION IS TO BE INSTALLED IN CONJUCTION WITH ALL SUPPORTS ATTACHED TO BUILDING STRUCTURE AND IS TO TO BE INCLUDED WITH BASE BID.

5.) ALL CONVEYORS ARE DESIGNED TO SUPPORT A CONCENTRATED STATIC LOAD OF 250 LBS.

6.) THE LIVE LOAD FOR TRANSPORT CONVEYOR IS CALCULATED AS 40 LBS/FT
THE LIVE LOAD FOR LOAD/UNLOAD CONVEYORS IS CALCULATED AS 60 LS/FT.
THE LIVE LOAD FOR CATWALK IS CALCULATED AS 45 LBS/FT

7.) THE FOLLOWING WEIGHTS WERE USED FOR DETERMINING THE EQUIPMENT LOADS (STATIC & DYNAMIC) GENERATED BY THE CONVEYOR EQUIPMENT

39" WIDE STANDARD CONVEYOR

STANDARD BED SECTION	85	LBS/FT
DRIVE SECTION	1000	LBS
STANDARD QUEUE	880	LBS
18" END TAKE-UP	240	LBS
9" END TAKE-UP	130	LBS
10' RADIUS BREAKOVER	350	LBS
30° POWER CURVE	620	LBS
45° POWER CURVE	830	LBS
90° POWER CURVE	1310	LBS
45° MERGE (3' CENTERLINE)	820	LBS
45° MERGE (5' CENTERLINE)	1250	LBS

57" WIDE OVER-SIZE CONVEYOR

STANDARD BED SECTION	105	LBS
DRIVE SECTION	1600	LBS
STANDARD QUEUE	1340	LBS
18" END TAKE-UP	320	LBS
9" END TAKE-UP	170	LBS
10' RADIUS BREAKOVER	420	LBS
30° POWER CURVE	830	LBS
45° POWER CURVE	1110	LBS
90° POWER CURVE	1390	LBS
45° MERGE (3' CENTERLINE)	1100	LBS
45° MERGE (5' CENTERLINE)	1680	LBS

OTHER EQUIPMENT

HIGH SPEED DIVERTER	1400	LBS
AUTOMATIC TAG READER	500	LBS
CLAIM OR MAKE-UP DEVICE	200	LBS/FT
VERTISORTER/VERTIMERGE	4590	LBS
CATWALK	65	LBS/SQ FT

8.)

SYMBOL	DESCRIPTION
•	CONCENTRATED POINT LOAD
————	CONVEYOR SUPPORT

9.) HANDRAILS TO BE DESIGNED TO RESIST A LOAD OF 20 LBS/FT TO THE TOP RAIL, 50 LBS ON A 1 SQ FT AREA ON THE MID RAIL AND A SINGLE CONCENTRATED LOAD OF 200 LBS APPIED IN ANY DIRECTION AONG THE TOP.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS TYPICAL DETAILS - LOADS
BID DOCUMENTS

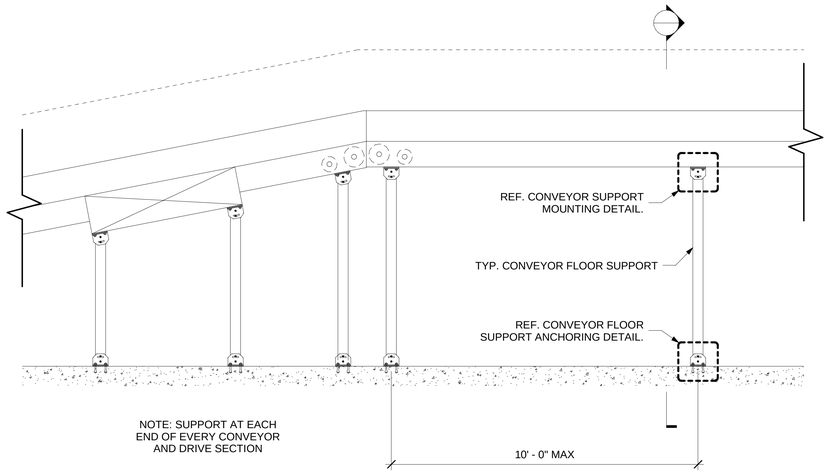
DISCIPLINE:
BHS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

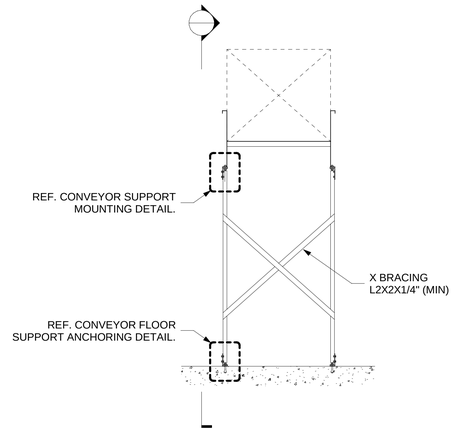
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
Q1.701

SIDE



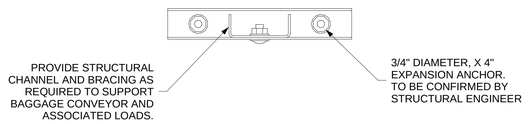
FRONT



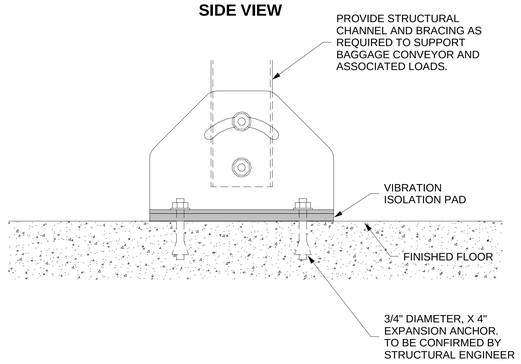
NOTE: X BRACING TYPE, SIZE & QUANTITY SHALL BE DETERMINED BY
STRUCTURAL ENGINEER CALCULATIONS AND CODE REQUIREMENTS

1 SUPPORTS - FLOOR SUPPORTED CONVEYOR
1/2" = 1'-0"

TOP VIEW

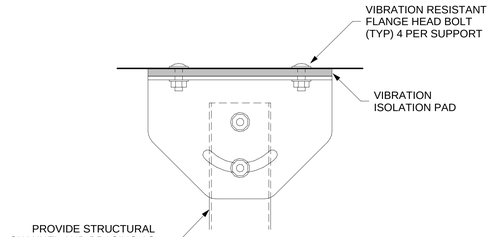


SIDE VIEW

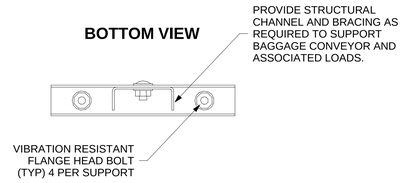


2 SUPPORTS - FLOOR SUPPORT ANCHORING DETAIL / CONCRETE
3" = 1'-0"

SIDE VIEW



BOTTOM VIEW



3 SUPPORTS - FLOOR SUPPORT MOUNTING DETAIL
3" = 1'-0"

*SUPPORTS TO BE APPROVED AND STAMPED BY STRUCTURAL ENGINEER

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL
PASSENGER TERMINAL

SHEET TITLE:
BHS TYPICAL DETAILS - SUPPORTS

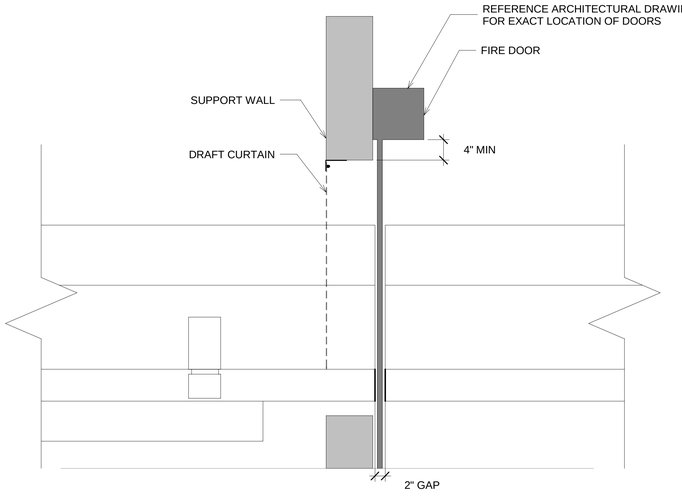
BID DOCUMENTS

DISCIPLINE:
BHS

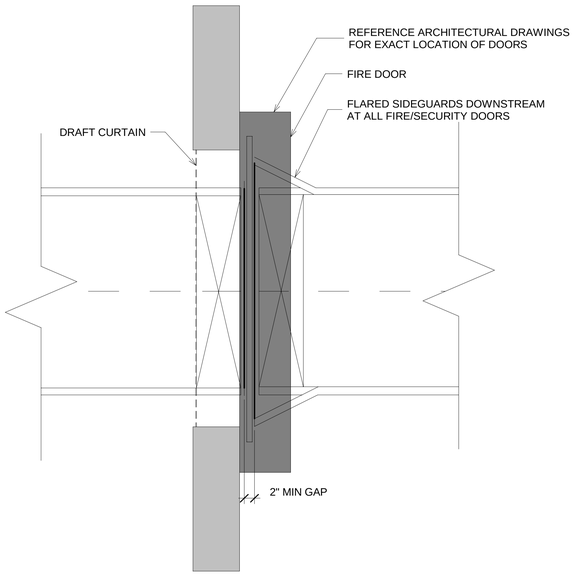
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE: AS NOTED
DATE: 06/05/2024

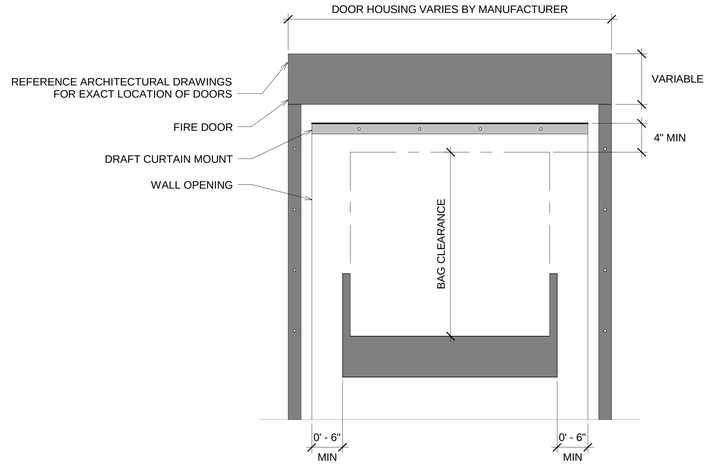
SHEET NUMBER:
Q1.702



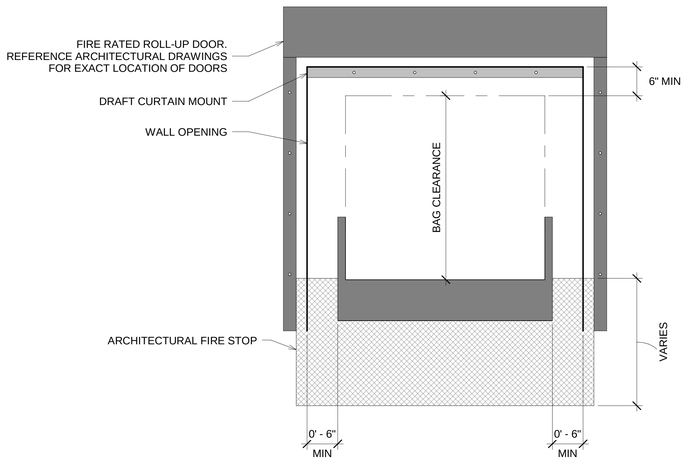
1 FIRE DOOR - TYPICAL ELEVATION
1/2" = 1'-0"



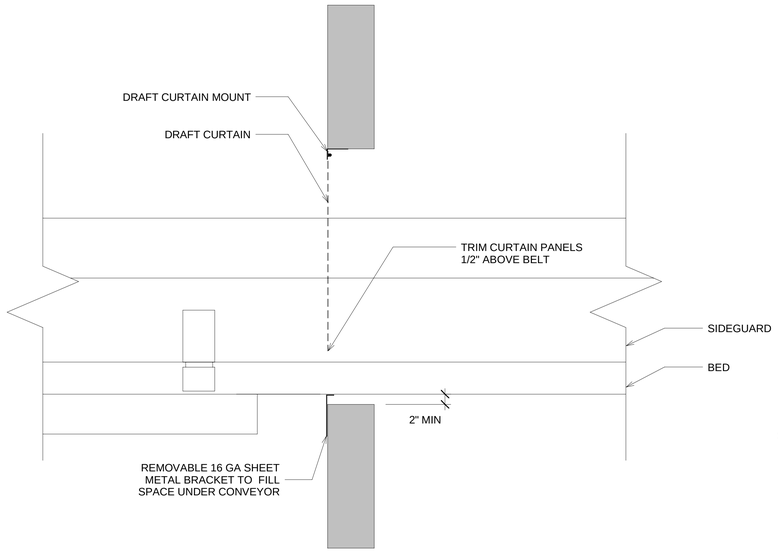
2 FIRE DOOR - TYPICAL PLAN VIEW
1/2" = 1'-0"



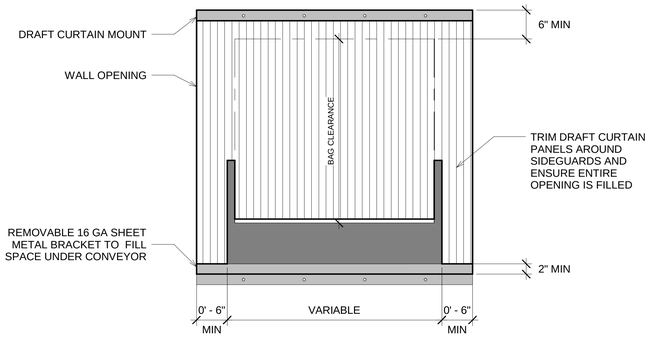
3 FIRE DOOR - TYPICAL SECTION
1" = 1'-0"



4 FIRE DOOR W/ FIRE STOPPING -
TYPICAL ELEVATION
1" = 1'-0"



5 DRAFT CURTAIN - TYPICAL ELEVATION
1/2" = 1'-0"



6 DRAFT CURTAIN - TYPICAL SECTION
1" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL
PASSENGER TERMINAL

SHEET TITLE:
BHS TYPICAL DETAILS - FIREDOORS

BID DOCUMENTS

DISCIPLINE:
BHS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

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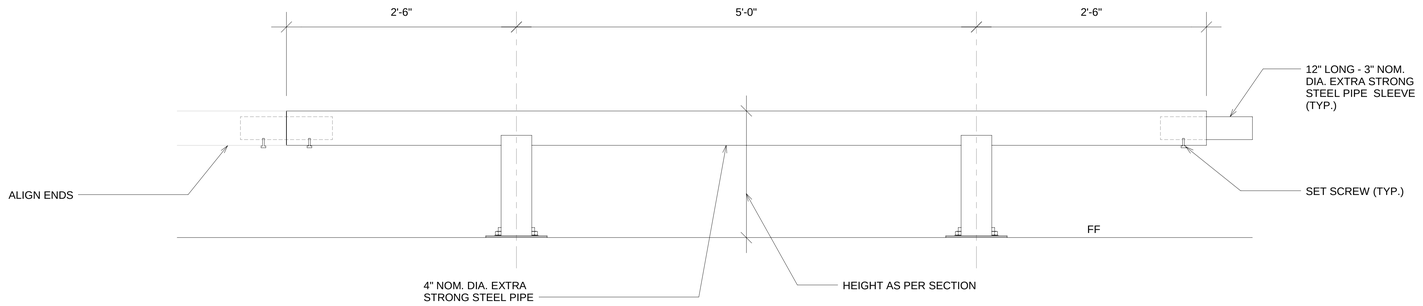
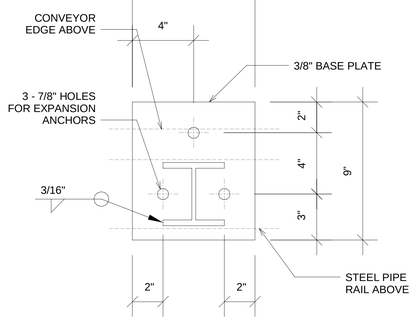
DATE: 06/05/2024

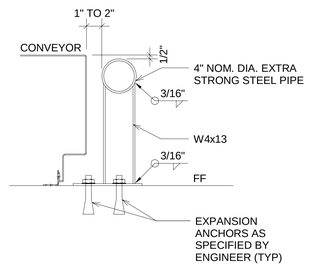
SHEET NUMBER:
Q1.703



1 PIPE GUARDRAIL - ELEVATION
1 1/2" = 1'-0"



2 PIPE GUARDRAIL - PLAN
3" = 1'-0"



3 PIPE GUARDRAIL - SECTION
1 1/2" = 1'-0"

*GUARDRAIL DETAILS TO BE APPROVED AND STAMPED BY STRUCTURAL ENGINEER

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS TYPICAL DETAILS - GUARDRAILS

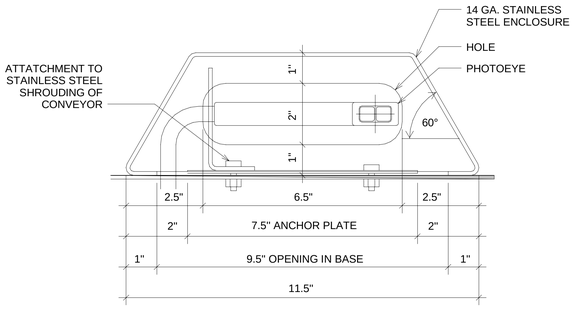
BID DOCUMENTS

DISCIPLINE:
BHS

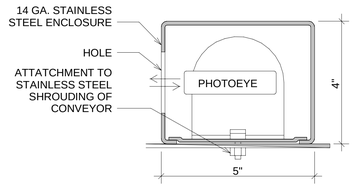
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE: AS NOTED
DATE: 06/05/2024

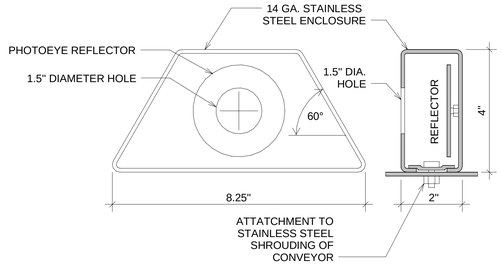
SHEET NUMBER:
Q1.704



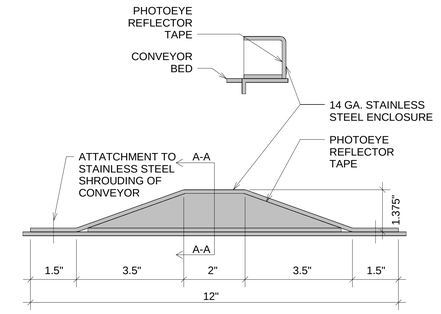
1 PHOTO EYE AND ENCLOSURE
6" = 1'-0"



2 PHOTO EYE AND ENCLOSURE - SECTION
6" = 1'-0"



3 PHOTO EYE REFLECTOR AND ENCLOSURE
6" = 1'-0"



4 PHOTO EYE REFLECTOR AND ENCLOSURE - SECTION
6" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS TYPICAL DETAILS - PHOTOCELLS

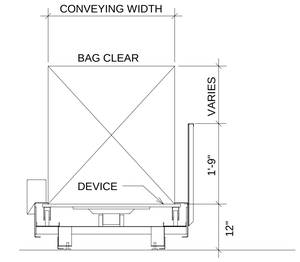
BID DOCUMENTS

DISCIPLINE:
BHS

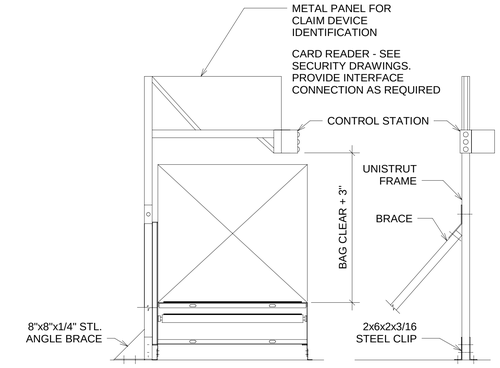
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE: AS NOTED
DATE: 06/05/2024

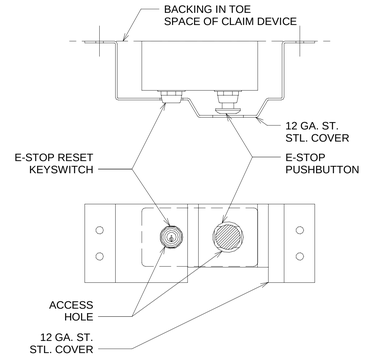
SHEET NUMBER:
Q1.705



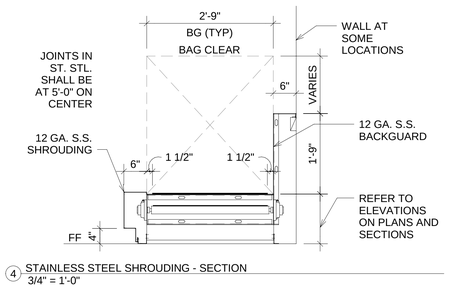
1 FLAT PLATE CLAIM DEVICE
3/4" = 1'-0"



2 STANDARD CONTROL STATION
3/4" = 1'-0"



3 TOE-KICK CONTROL STATION AT CLAIM DEVICE
3" = 1'-0"



4 STAINLESS STEEL SHROUDING - SECTION
3/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
BHS TYPICAL DETAILS - MISC
BID DOCUMENTS

DISCIPLINE:
BHS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
Designer	Author	Checker	Approver

SCALE: AS NOTED
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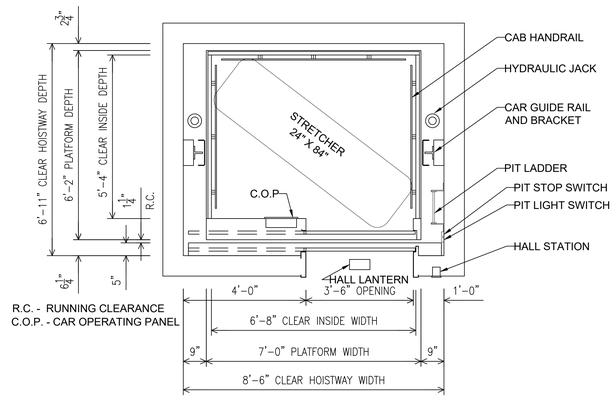
SHEET NUMBER:
Q1.706



R.C. - RUNNING CLEARANCE
C.O.P. - CAR OPERATING PANEL

1 / VT-101 EL-PE1 HOISTWAY PLAN
SCALE: 1/2"=1'-0"

N

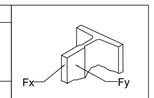
	ELEVATOR SCHEDULE												
ELEVATOR NO	CATEGORY	TYPE	CAPACITY (LBS.)	RATED SPEED (FPM)	PIT DEPTH	CLEAR OVERHEAD	CLEAR HOISTWAY WIDTH	CLEAR HOISTWAY DEPTH	PLATFORM WIDTH	PLATFORM DEPTH	CAR INSIDE WIDTH	CAR INSIDE DEPTH	CAR ENCLOSURE	SECURITY FEATURE
PE1	PASSENGER CLASS A	HYDRAULIC HOLELESS	3500	100	4'-0"	12'-8"	8'-6"	6'-11"	7'-0"	6'-2"	6'-8"	5'-4"	STAINLESS STEEL PANELS	NO - CARD READER

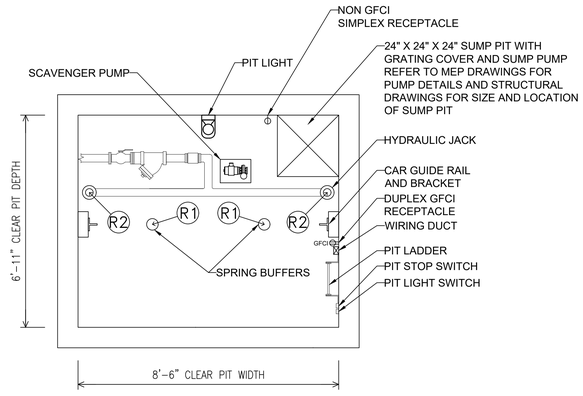
	ELEVATOR SCHEDULE (CONTINUED)													
	DOOR				CAR TYPE	TRAVEL	NUMBER OF STOPS	NUMBER OF OPENINGS	LEVELS SERVED	PIT DRAINAGE TYPE	POWER (HP)	STARTING CURRENT 480/3P/60Hz (A)	RUNNING CURRENT 480/3P/60Hz (A)	HEAT RELEASE AT MACHINE ROOM (BTU/HR)	OCCUPIED SPACE BELOW
ELEVATOR NO	DOOR WIDTH	DOOR HEIGHT	TYPE	DOOR FINISH											
PE1	3'-6"	7'-0"	SINGLE SPEED SIDE OPENING	STAINLESS STEEL	FRONT OPENING	16'-0" (V.I.F.)	2	2	*1 / 2	SUMP PIT	40	104	52	22,000	NO

TABLE NOTES:

1. RAIL SUPPORT AND BRACKETS SHALL HAVE A MAXIMUM DEFLECTION OF 1/8" WHEN ACTED UPON BY FORCES Fx AND Fy.
2. STRUCTURAL ENGINEER TO PROVIDE INTERMEDIATE GUIDE RAIL SUPPORTS WHERE THE VERTICAL DISTANCE BETWEEN SUPPORT POINT, INCLUDING OVER RUN AND PIT DEPTH, EXCEEDS DISTANCE SPECIFIED IN LOAD SCHEDULE.
3. LOADS SHOWN (*) DO NOT ACT SIMULTANEOUSLY.
4. PIT REACTIONS HAVE BEEN DOUBLED FOR IMPACT.

ELEVATOR STRUCTURAL REACTIONS				
VERTICAL LOADS AT PIT (DOUBLED FOR IMPACT)	VERTICAL LOADS AT PIT (DOUBLED FOR IMPACT)	LOADING OR UNLOADING		
CAR BUFFERS R1* (EACH)	CYLINDER/JACK R2* (EACH)	NORMAL RAIL FORCE Fx	NORMAL RAIL FORCE Fy	RAIL LOAD DIAGRAM
13,000 LBS	11,230 LBS	313 LBS	138 LBS	MAX VERT. SPAN GUIDE RAIL SUPPORT: 12'-0"



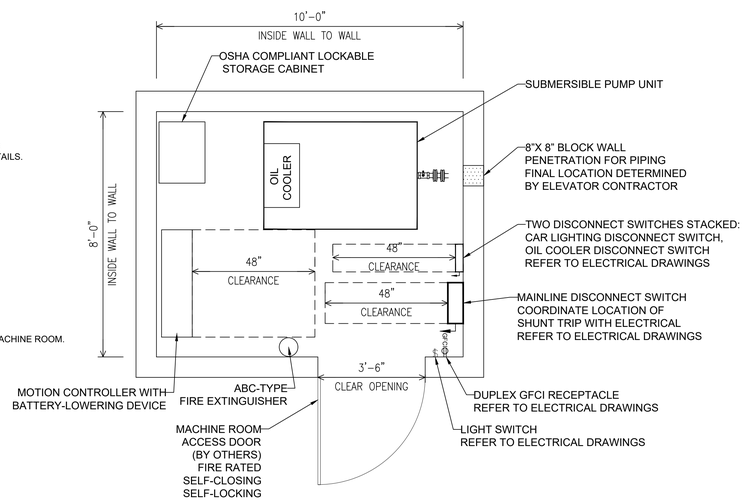


2 / VT-101 EL-PE1 PIT PLAN
SCALE: 1/2"=1'-0"

N

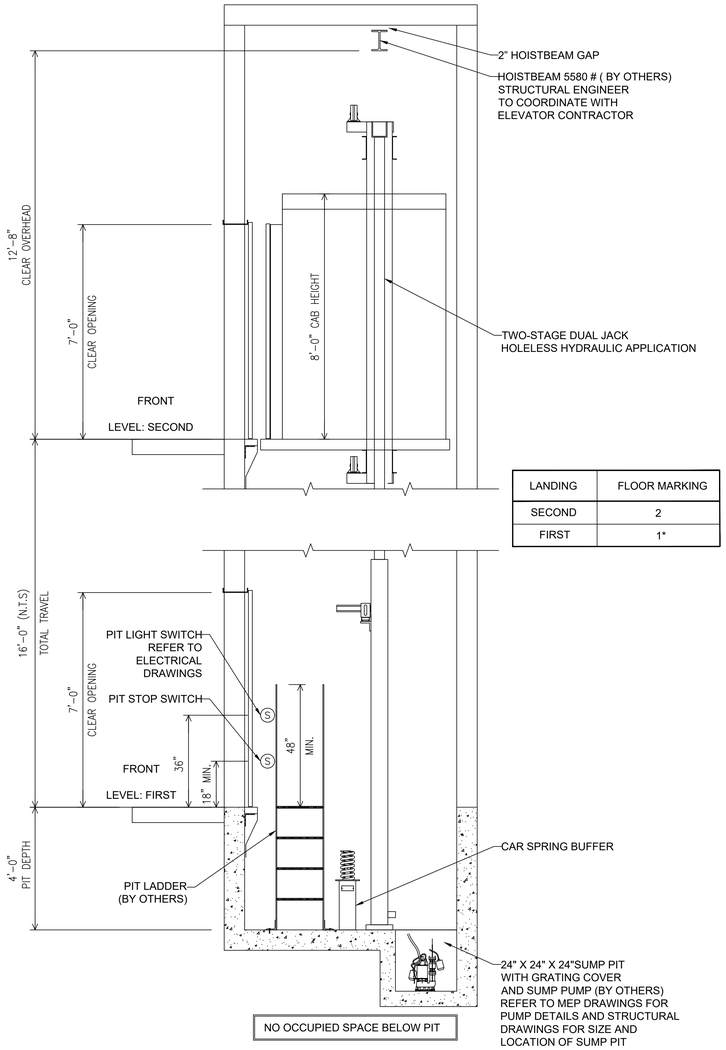
MACHINE ROOM NOTES:

1. ALL CONDUIT AND WIRING TO THE DISCONNECT SWITCHES IN THE MACHINE ROOM SHALL BE BY GENERAL CONTRACTOR.
2. ALL DISCONNECT SWITCHES, CONDUIT, WIRING, OUTLETS, LIGHT FIXTURES, AND LIGHT SWITCHES IN THE ELEVATOR MACHINE ROOM AND HOISTWAY INCLUDING THE PIT ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DETAILS.
3. ALL CONDUIT AND WIRING FROM THE DISCONNECT SWITCHES TO THE ELEVATOR CONTROLLER AND ELEVATOR EQUIPMENT IS THE RESPONSIBILITY OF THE ELEVATOR CONTRACTOR.
4. ALL CONDUIT AND WIRING RELATING TO FIRE ALARM SYSTEM AND DEVICES IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
5. REFER TO ELECTRICAL DRAWINGS FOR MACHINE ROOM LIGHTING.
6. REFER TO FIRE ALARM DRAWINGS FOR FIRE ALARM DEVICES.
7. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLERS.
8. REFER TO MECHANICAL DRAWINGS FOR HEATING AND COOLING DETAILS.
9. 7'-0" MINIMUM CLEAR HEADROOM SHALL BE MAINTAINED THROUGHOUT THE MACHINE ROOM.



3 / VT-101 EL-PE1 ELEVATOR MACHINE ROOM
SCALE: 1/2"=1'-0"

N



LANDING	FLOOR MARKING
SECOND	2
FIRST	1*

4 / VT-101 EL-PE1 HOISTWAY SECTION
SCALE: 1/2"=1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
LIDER DELGADO
No. 18743
REGISTERED
PROFESSIONAL ENGINEER
Date: 06/05/2024

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ELEVATOR SCHEDULE
PLAN AND SECTION DRAWINGS

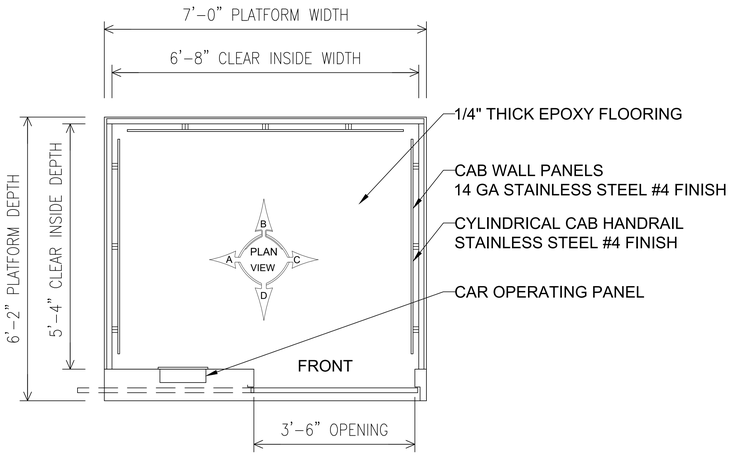
BID DOCUMENTS

DISCIPLINE:
VERTICAL TRANSPORTATION

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RP	RP	RD	ER

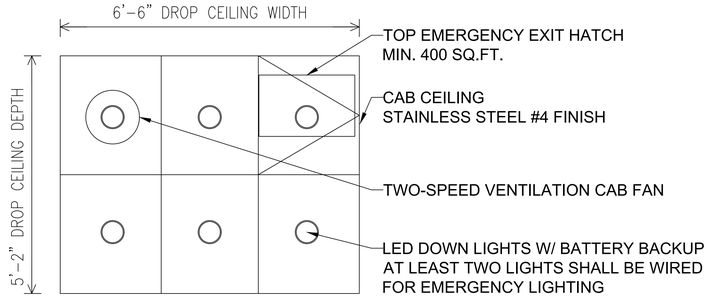
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
VT-101



1 VT-102 EL-PE1 CAB PLAN
SCALE: 3/4"=1'-0"

N



2 VT-102 EL-PE1 CEILING PLAN
SCALE: 3/4"=1'-0"

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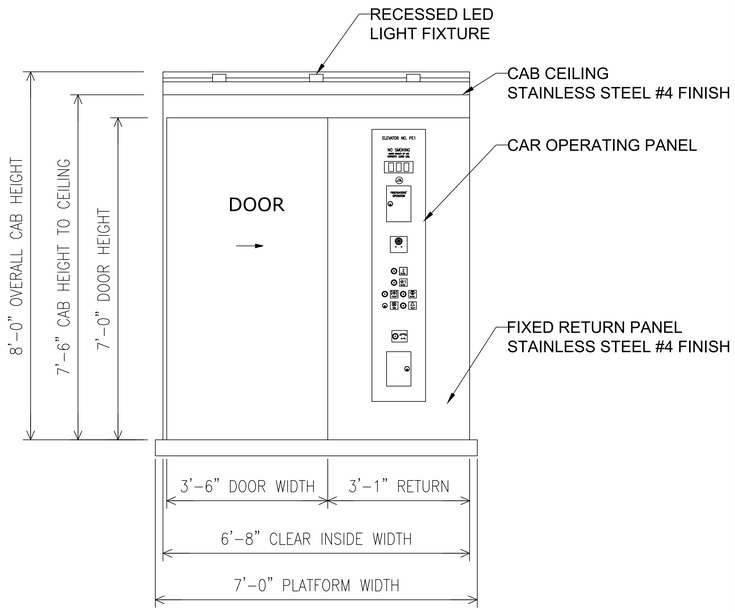
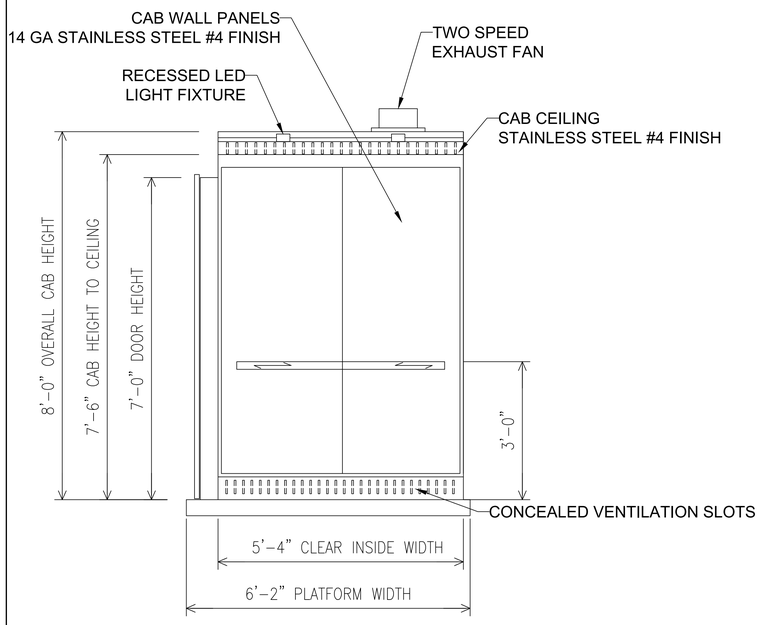


3 VT-102 EL-PE1 ELEVATION D
SCALE: 3/4"=1'-0"

N



4 VT-102 EL-PE1 ELEVATION A
SCALE: 3/4"=1'-0"

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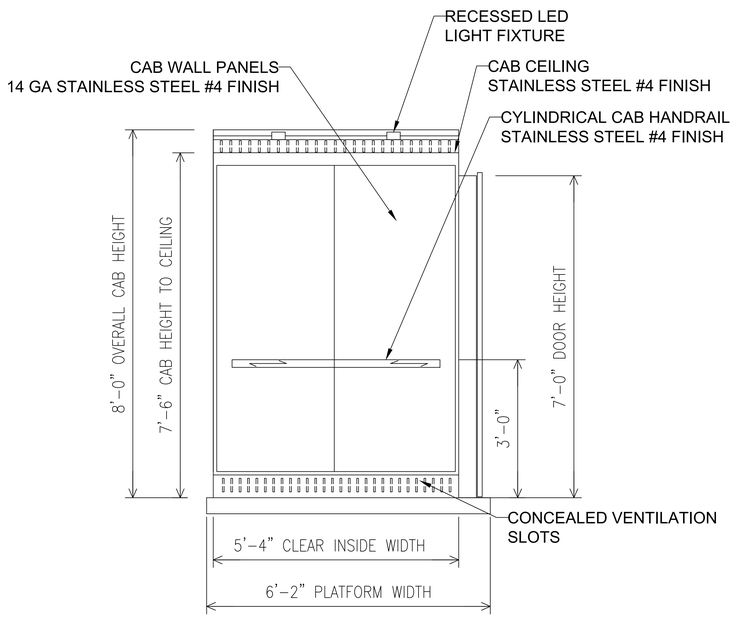
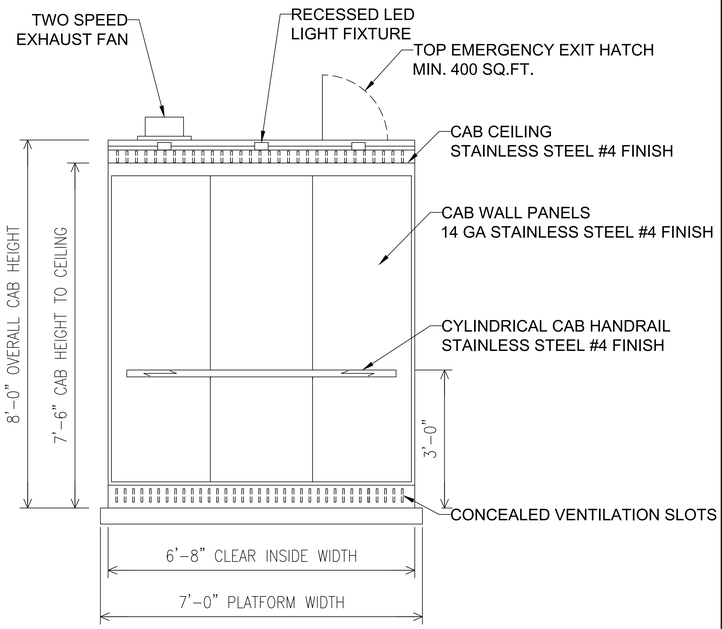


5 VT-102 EL-PE1 ELEVATION C
SCALE: 3/4"=1'-0"

N



6 VT-102 EL-PE1 ELEVATION B
SCALE: 3/4"=1'-0"

N

PRESQUE ISLE INTERNATIONAL AIRPORT
AIRPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
LIDER DELGADO
No. 18743
REGISTERED
PROFESSIONAL ENGINEER
Date: 06/05/2024

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

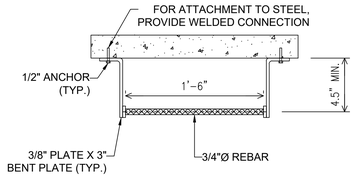
SHEET TITLE:
ELEVATOR CAB PLAN AND ELEVATION VIEWS
BID DOCUMENTS

DISCIPLINE:
VERTICAL TRANSPORTATION

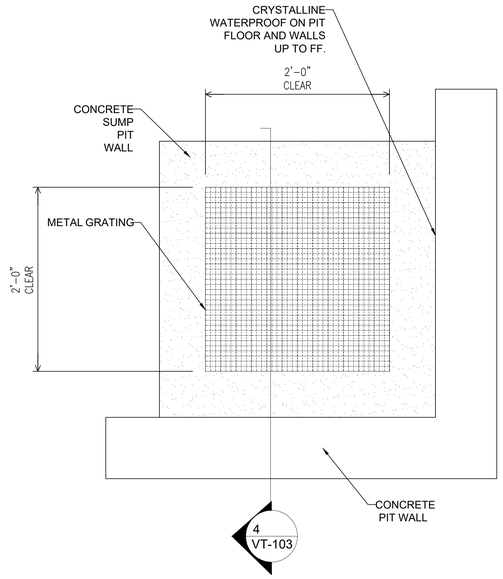
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RP	RP	RD	ER

SCALE: AS NOTED
DATE: 06/05/2024

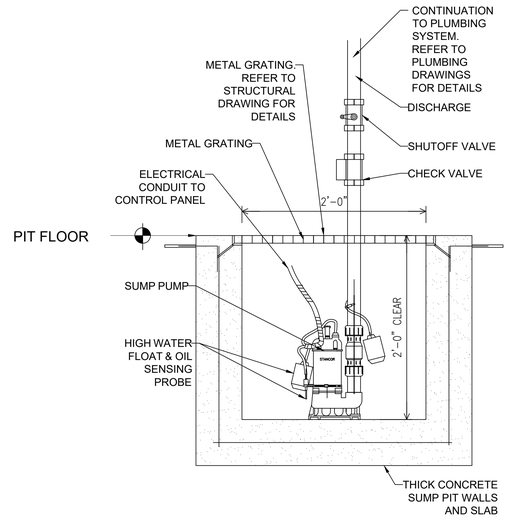
SHEET NUMBER:
VT-102



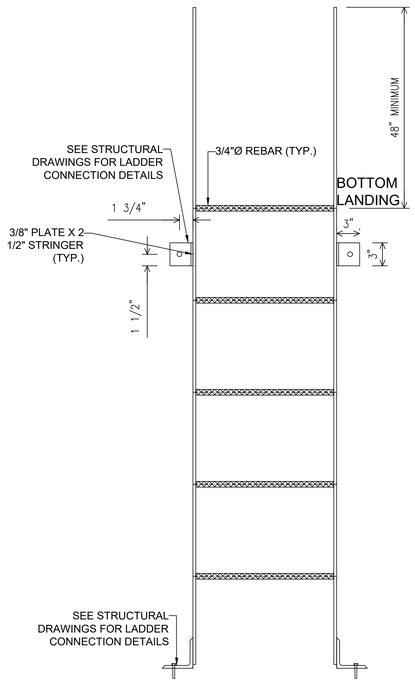
1 VT-103 EL-PE1 TYPICAL PIT LADDER PLAN
SCALE: 1/2"=1'-0"



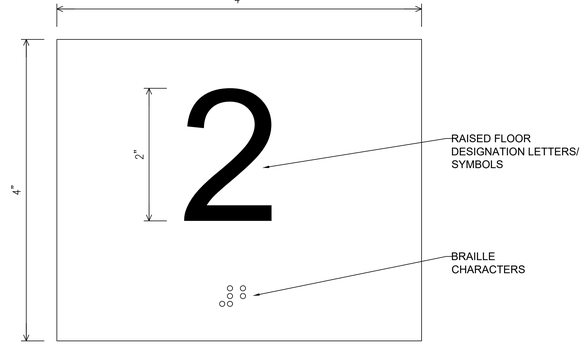
3 VT-103 EL-PE1 TYPICAL SUMP PIT PLAN
SCALE: 1/2"=1'-0"



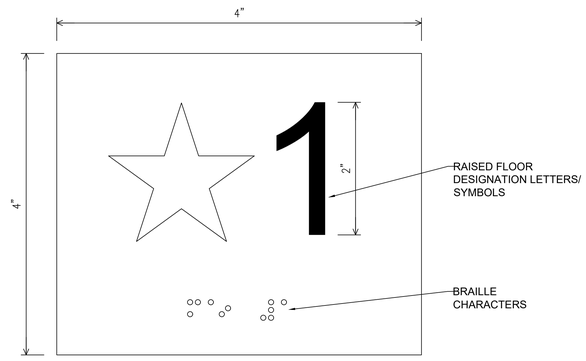
4 VT-103 EL-PE1 SUMP PIT DETAIL
SCALE: 1/2"=1'-0"



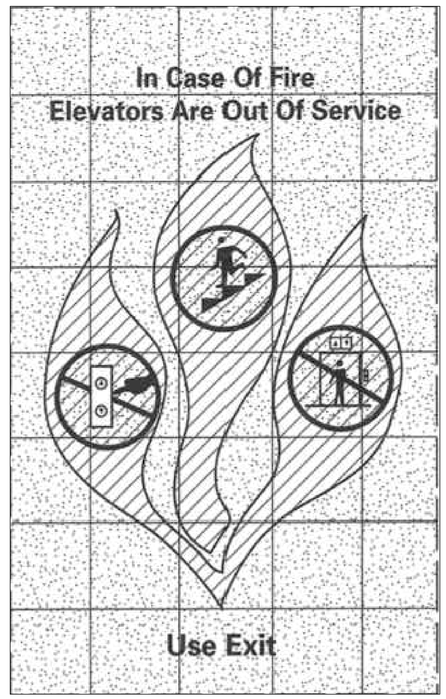
2 VT-103 EL-PE1 TYPICAL PIT LADDER SECTION
SCALE: 1/2"=1'-0"



5 VT-103 EL-PE1 TYPICAL FLOOR DESIGNATION SIGN
SCALE: 1/2"=1'-0"



6 VT-103 EL-PE1 TYPICAL MAIN EGRESS FLOOR DESIGNATION SIGN
SCALE: 1/2"=1'-0"



7 VT-103 EL-PE1 TYPICAL EMERGENCY SIGN
SCALE: 1/2"=1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
LIDER DELGADO
No. 18743
REGISTERED PROFESSIONAL ENGINEER
Date: 06/05/2024

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ELEVATOR DETAIL DRAWINGS
BID DOCUMENTS

DISCIPLINE:
VERTICAL TRANSPORTATION

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RP	RP	RD	ER

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
VT-103

FIRE ALARM LEGEND AND SYMBOLS

SYMBOL	DESCRIPTION
F	MANUAL PULL STATION
S P	SMOKE DETECTOR
S ER	ELEVATOR RECALL SMOKE DETECTOR
S	DUCT SMOKE DETECTOR
AIM XX(#)	ADDRESSABLE INPUT MODULE EG - EMERGENCY GENERATOR NG - NITROGEN GENERATOR PS - PRESSURE SWITCH ST - SHUNT TRIP SUPERVISION TS - TAMPER SWITCH WF - WATER FLOW SWITCH (#) - QUANTITY
AOM	ADDRESSABLE OUTPUT MODULE
CD C	CEILING MOUNTED SPEAKER/STROBE (CLEAR LENS) - CD INDICATES MINIMUM CANDELA RATING
CD	WALL MOUNTED SPEAKER/STROBE (CLEAR LENS) - CD INDICATES MINIMUM CANDELA RATING
CD	WALL MOUNTED STROBE (CLEAR LENS) - CD INDICATES MINIMUM CANDELA RATING
CD	CEILING MOUNTED STROBE (CLEAR LENS) - CD INDICATES MINIMUM CANDELA RATING
S C	CEILING MOUNTED SPEAKER
S	WALL MOUNTED SPEAKER
F V	WATERFLOW BELL
FACU	FIRE ALARM CONTROL UNIT
GAP	FIRE ALARM GRAPHIC ANNUNCIATOR
BPS	NOTIFICATION APPLIANCE BOOSTER POWER SUPPLY
AMP	AUDIO AMPLIFIER
EOL Re	END OF LINE RESISTOR
BATT	BATTERY
SPD	SURGE PROTECTIVE DEVICE
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER
DOC	FIRE ALARM DOCUMENT STORAGE CABINET
— — — — —	FIRE ALARM ZONE BOUNDARY

APPLICABLE CODES

MAINE UNIFORM BUILDING CODE, IBC 2015 WITH AMENDMENTS
MAINE LIFE SAFETY CODE, NFPA 101 2018 WITH AMENDMENTS
MAINE FIRE CODE, NFPA 1 2018 WITH AMENDMENTS
MAINE FIRE ALARM CODE, NFPA 72, 2019 EDITION
MAINE MECHANICAL CODE, IMC 2015 WITH AMENDMENTS
STANDARD ON AIRPORT TERMINAL BUILDINGS, FUELING RAMP DRAINAGE, AND LOADING WALKWAYS, NFPA 415, 2016 EDITION

FIRE ALARM GENERAL NOTES

1. PROVIDE THE DESIGN AND INSTALLATION OF AN ADDRESSABLE, VOICE EVACUATION FIRE ALARM SYSTEM THROUGHOUT THE BUILDING IN ACCORDANCE WITH THE MAINE FIRE ALARM CODE, NFPA 72 2019 EDITION WITH AMENDMENTS.

2. THE FIRE ALARM PLANS ARE DIAGRAMMATIC ONLY. DEVICES MAY REQUIRE ADJUSTMENT IN THE FIELD. CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINAL LAYOUT TO MEET NFPA 72 REQUIREMENTS FOR INTELLIGIBILITY AND AUDIBILITY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL DISCIPLINES THAT INTERFACE WITH THE FIRE ALARM SYSTEM.

3. CONTRACTOR SHALL ROUTE WIRING AND CONDUIT ALONG THE SHORTEST AND MOST COST EFFECTIVE ROUTE WHERE POSSIBLE. DO NOT MIX POWER LIMITED AND NON-POWER LIMITED WIRING WITHIN THE SAME CONDUIT. CONTRACTOR SHALL NOT EXCEED 40% CONDUIT FILL. KEEP SLC AND AUDIO CIRCUITS SEPARATED.

4. COORDINATE ALL FIRE ALARM SYSTEM EQUIPMENT WITH ALL OTHER TRADES TO AVOID CONFLICTS. PROVIDE ALL NECESSARY FITTINGS, EQUIPMENT, HANGERS, OFFSETS, ROUTING ETC. TO AVOID ALL CONFLICTS AT NO ADDITIONAL COST.

5. COORDINATE JUNCTION BOX MOUNTING HEIGHTS FOR EQUIPMENT FURNISHED BY OTHER TRADES, ADJUST AS NECESSARY TO ACCOMMODATE THE EQUIPMENT SELECTED. PROVIDE ALL FINAL CONNECTIONS TO NEW EQUIPMENT.

6. CONTRACTOR SHALL PROVIDE ALL END OF LINE DEVICES AS REQUIRED TO MATCH THE CONTROL EQUIPMENT REQUIREMENTS AND TO SUPERVISE ALL CIRCUITS.

7. CONTRACTOR SHALL VERIFY ALL WIRE SIZES BASED ON ACTUAL CIRCUIT LENGTH AS INSTALLED IN THE FIELD TO STAY WITHIN THE MANUFACTURER'S ACCEPTABLE VOLTAGE DROP. SUBMIT WIRE SIZE SUBSTITUTIONS FOR APPROVAL. CHANGES IN WIRE SIZE SHALL BE AT NO ADDITIONAL COST.

8. PROVIDE THE MANUFACTURER'S RECOMMENDED SIZE AND TYPE OF CABLING BETWEEN ALL FIRE ALARM EQUIPMENT REQUIRING CONNECTIONS TO FUNCTION PROPERLY.

9. ALL EXTERIOR APPLIANCES SHALL BE WEATHERPROOF.

10. ALL PENETRATIONS OF FIRE RATED PARTITIONS SHALL BE FIRESTOPPED PER THE SPECIFICATIONS. CONTRACTOR SHALL PROVIDE FIRESTOPPING SUBMISSIONS FOR EACH ASSEMBLY FOR APPROVAL PRIOR TO INSTALLATION.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE NECESSARY NUMBER OF STROBE BOOSTER POWER SUPPLIES AND AMPLIFIERS. THE NUMBER OF PANELS SHOWN ON DRAWINGS IS AN APPROXIMATION. CONTRACTOR SHALL ALLOW FOR 25 PERCENT SPARE CAPACITY ON ALL CIRCUITS.

12. MOUNTING OF FIELD DEVICES SHALL BE COORDINATED IN THE FIELD. BACK BOXES IN FINISHED AREAS SHALL BE RECESSED IN GYPSUM BOARD PARTITIONS AND GYPSUM BOARD AND LAY IN CEILINGS. DEVICES IN UNFINISHED AREAS SHALL BE SURFACE MOUNTED AND BE PROVIDED WITH THE MANUFACTURER'S SURFACE MOUNTED BACK BOXES.

13. PULL STATIONS SHALL BE SEMI-FLUSH MOUNTED IN FINISHED SPACES AND SURFACE MOUNTED IN UNFINISHED AREAS, DOUBLE-ACTION TYPE, WITH MECHANICAL RESET. RESET SHALL REQUIRE THE USE OF A KEY AND IT SHALL BE THE SAME KEY AS REQUIRED FOR THE FIRE ALARM PANEL.

14. ROUTE ALL FIRE ALARM CABLE WITHIN METAL CONDUIT. IN UNFINISHED AREAS, ALL FIRE ALARM CONDUIT, JUNCTION BOXES, BACK BOXES, COVERS, AND COUPLINGS MUST BE FACTORY PAINTED RED. IN FINISHED AREAS, ALL EXPOSED FIRE ALARM CONDUIT, JUNCTION BOXES, BACK BOXES, COVERS, AND COUPLINGS MUST BE FACTORY PAINTED RAL 9005, JET BLACK, SEMI-GLOSS FINISH WITH THE INSIDE COVER OF JUNCTION BOXES IDENTIFIED AS "FIRE ALARM".

15. "T" TAPPING OF NOTIFICATION OR SIGNALING LINE CIRCUITS IS NOT ALLOWED. THE USE OF WIRE NUTS IS NOT ALLOWED.

16. PROVIDE DUCT SMOKE DETECTORS ON THE SUPPLY AND RETURN SIDE OF AIR HANDLING UNITS HAVING A CAPACITY GREATER THAN 2000 CFM IN ACCORDANCE WITH MAINE MECHANICAL CODE SECTION 606.2.1 AND NFPA 90A SECTION 6.4.2.1 AS REQUIRED BY MAINE FIRE CODE SECTION 11.2.1. PROVIDE AN ADDRESSABLE OUTPUT MODULE TO SHUT DOWN THE ASSOCIATED AIR HANDLING UNIT UPON ACTIVATION OF A DUCT SMOKE DETECTOR.

17. COORDINATE WITH MECHANICAL CONTRACTOR TO PROVIDE A DUCT ACCESS DOOR INSTALLED ADJACENT TO EACH SMOKE DETECTOR FOR MAINTENANCE AND INSPECTION. SIZE OF ACCESS DOOR SHALL BE LARGE ENOUGH FOR THE INTENDED PURPOSE.

18. REMOTE INDICATING SWITCHES SHALL BE PROVIDED FOR DUCT DETECTORS NOT CLEARLY VISIBLE FROM THE FLOOR, OR MORE THAN 10 FT ABOVE FINISHED FLOOR. REMOTE INDICATING SWITCHES SHALL BE INSTALLED AT 7 FT ABOVE FINISHED FLOOR.

19. SMOKE DETECTORS SHALL NOT BE LOCATED WITHIN 3 FEET OF HVAC SUPPLY REGISTERS OR RETURN GRILLES.

20. INDIVIDUAL ADDRESSABLE INPUT AND OUTPUT MODULES ARE SHOWN FOR FUNCTIONS SUCH AS WATERFLOW AND TAMPER SWITCHES FOR CLARITY. THE USE OF COMBINATION DEVICES OR A DEVICE HAVING A COMBINATION OF FUNCTION SHALL BE APPROVED AT THE DISCRETION OF THE AHJ IN EACH INSTANCE. EACH WATER FLOW SWITCH SHALL HAVE A SEPARATE ADDRESS.

21. CANDELA RATINGS SHOWN ARE APPROXIMATE BASED ON NFPA 72 AND MAY REQUIRE ADJUSTMENTS IN THE FIELD TO ACHIEVE REQUIRED STROBE COVERAGE.

22. ALL VISIBLE STROBES SHALL BE SYNCHRONIZED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS.

23. SIGNALING LINE CIRCUITS AND NOTIFICATION APPLIANCE CIRCUITS SHALL BE CLASS B.

24. PROVIDE UL 1283 AND UL 1449 COMPLIANT SURGE PROTECTIVE DEVICES (SPD) TO PROTECT ALL POWER SUPPLY CIRCUITS TO THE FACU AND ANY SUBPANELS (E.G. AMPLIFIERS, NAC BOOSTER POWER SUPPLIES, ETC.). PROVIDE SPD TO PROTECT ALL FIRE ALARM CIRCUITS LEAVING OR ENTERING THE BUILDING. SPD'S SHALL BE INSTALLED IN A SEPARATE ENCLOSURE, UNLESS LISTED AND INSTALLED BY THE FACTORY. INSTALLING THE SPD IN THE FACU IS NOT PERMITTED.

25. BUILDING POWER IS BACKED UP BY AN EMERGENCY GENERATOR WHICH WILL POWER THE FIRE ALARM SYSTEM UPON LOSS OF NORMAL BUILDING POWER. PROVIDE SECONDARY BATTERIES SIZED TO OPERATE THE SYSTEM UNDER QUIESCENT LOAD FOR A MINMUM OF 4 HOURS FOLLOWED BY 15 MINUTES IN ALARM IN ACCORDANCE WITH NFPA 72 SECTIONS 10.6.7.2.1.2 AND 10.6.7.3.1(2).

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER
HEM
No. 18126
LICENSED
PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
FIRE ALARM LEGENDS & SYMBOLS
BID DOCUMENTS

DISCIPLINE:
FIRE ALARM

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
FA0.001

SHEET KEYNOTES:

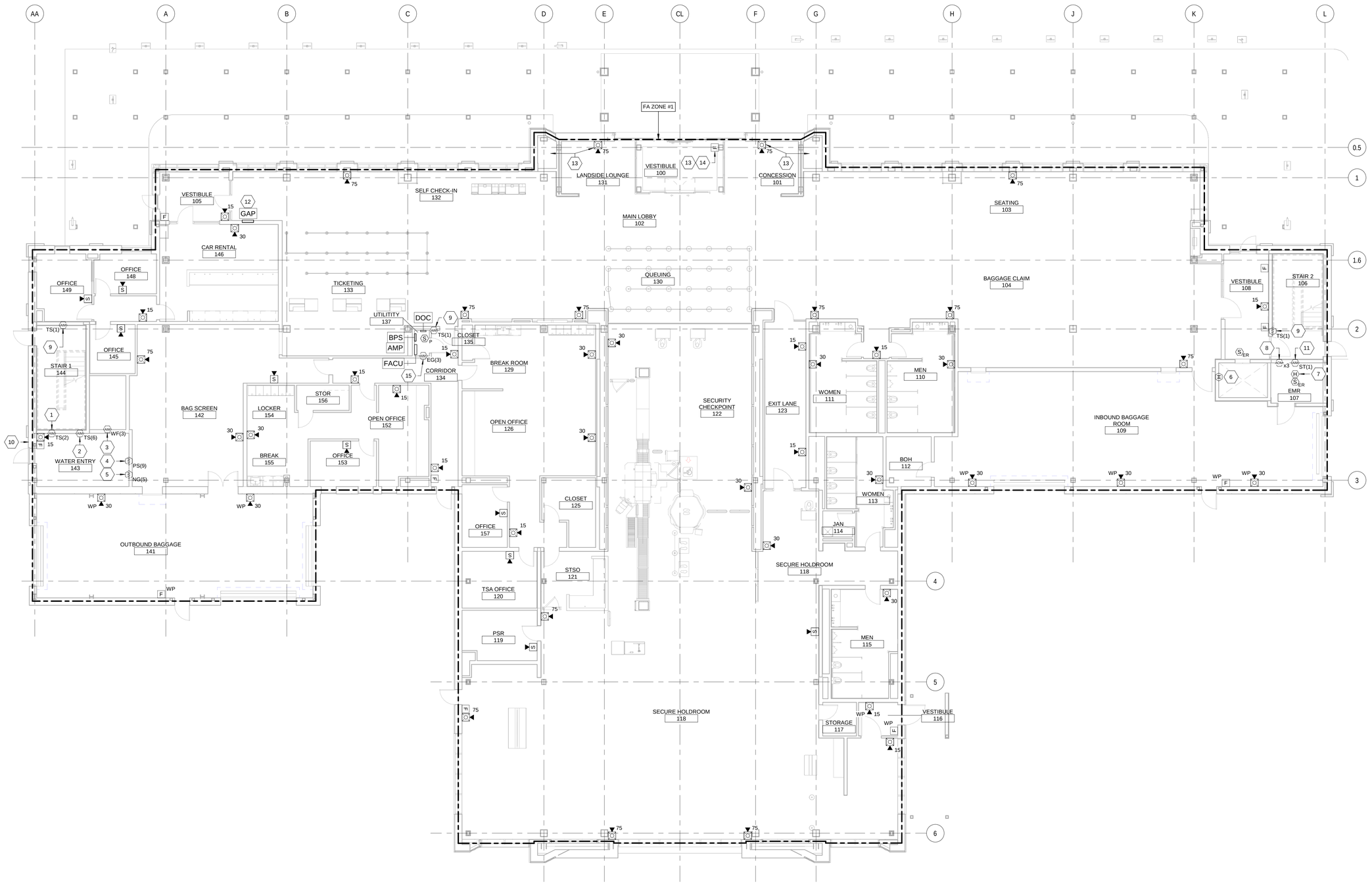
1. PROVIDE ADDRESSABLE INPUT MODULES FOR BACKFLOW PREVENTER TAMPER SWITCHES.
2. PROVIDE ADDRESSABLE INPUT MODULES FOR SPRINKLER AND STANDPIPE RISER VALVE TAMPER SWITCHES.
3. PROVIDE ADDRESSABLE INPUT MODULES FOR WET SPRINKLER AND STANDPIPE RISER WATER FLOW SWITCHES.
4. PROVIDE ADDRESSABLE INPUT MODULES FOR DRY SPRINKLER RISER HIGH/LOW NITROGEN PRESSURE SWITCHES AND WATERFLOW PRESSURE SWITCHES.
5. PROVIDE ADDRESSABLE INPUT MODULES TO MONITOR NITROGEN GENERATOR SIGNALS.
6. PROVIDE HEAT DETECTOR WITH A LOWER TEMPERATURE RATING AND LOWER RESPONSE TIME INDEX THAN ELEVATOR SHAFT SPRINKLER. LOCATE HEAT DETECTOR WITHIN 24 INCHES OF ELEVATOR SHAFT SPRINKLER.
7. PROVIDE HEAT DETECTOR WITH A LOWER TEMPERATURE RATING AND LOWER RESPONSE TIME INDEX THAN ELEVATOR MACHINE ROOM SPRINKLER. LOCATE HEAT DETECTOR WITHIN 24 INCHES OF ELEVATOR MACHINE ROOM SPRINKLER.
8. PROVIDE ADDRESSABLE OUTPUT MODULES TO INITIATE PRIMARY RECALL, SECONDARY RECALL, AND ELEVATOR SHUNT TRIP.

SHEET KEYNOTES:

9. PROVIDE ADDRESSABLE INPUT MODULE FOR STANDPIPE SHUT OFF VALVE TAMPER SWITCH.
10. CONNECT ELECTRIC VIBRATING ALARM BELL TO BUILDING FIRE ALARM SYSTEM TO ACTIVATE UPON ACTIVATE OF A BUILDING SUPPRESSION SYSTEM.
11. PROVIDE ADDRESSABLE INPUT MODULE TO MONITOR ELEVATOR SHUNT TRIP CIRCUIT FOR LOSS OF POWER IN ACCORDANCE WITH NFPA 72 SECTION 21.4.4.
12. PROVIDE SEMI-FLUSH MOUNTED GRAPHIC ANNUNCIATOR PANEL. SEE DRAWING FA5.102 FOR GRAPHIC ANNUNCIATOR PANEL DETAIL.
13. ROUTE FIRE ALARM CONDUIT TO DEVICES IN LANDSIDE LOUNGE, VESTIBULE, AND CONCESSION FROM ABOVE THROUGH WALL CAVITIES AT COLUMN LINES D-0.5 OR G-0.5.
14. SURFACE MOUNT FIRE ALARM PULL STATION ON COLUMN IN VESTIBULE.
15. PROVIDE ADDRESSABLE INPUT MODULES IN UTILITY CLOSET 137 FOR EMERGENCY GENERATOR RUNNING, FAULT, AND NOT IN AUTOMATIC POSITION SIGNALS IN ACCORDANCE WITH MAINE LIFE SAFETY CODE SECTION 9.1.3.2. WIRING FROM GENERATOR CONTROLLER TO FACU PROVIDED BY ELECTRICAL CONTRACTOR, SEE DRAWINGS E2.103 AND E5.102.

GENERAL NOTES THIS SHEET:

1. REFER TO SHEET FA0.001 FOR GENERAL NOTES, ABBREVIATIONS, AND SYMBOL LEGEND.
2. EXPOSED CONDUIT, JUNCTION BOXES, AND BACK BOXES IN FINISHED AREAS SHALL BE FACTORY PAINTED RAL 9005, JET BLACK, SEMI-GLOSS FINISH, WITH THE INSIDE COVER OF JUNCTION BOXES IDENTIFIED AS "FIRE ALARM".



1 LEVEL 1 - FIRE ALARM PLAN
1/8" = 1'-0"

GRAPHIC SCALE:
0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 FIRE ALARM PLAN
BID DOCUMENTS

DISCIPLINE:
FIRE ALARM

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

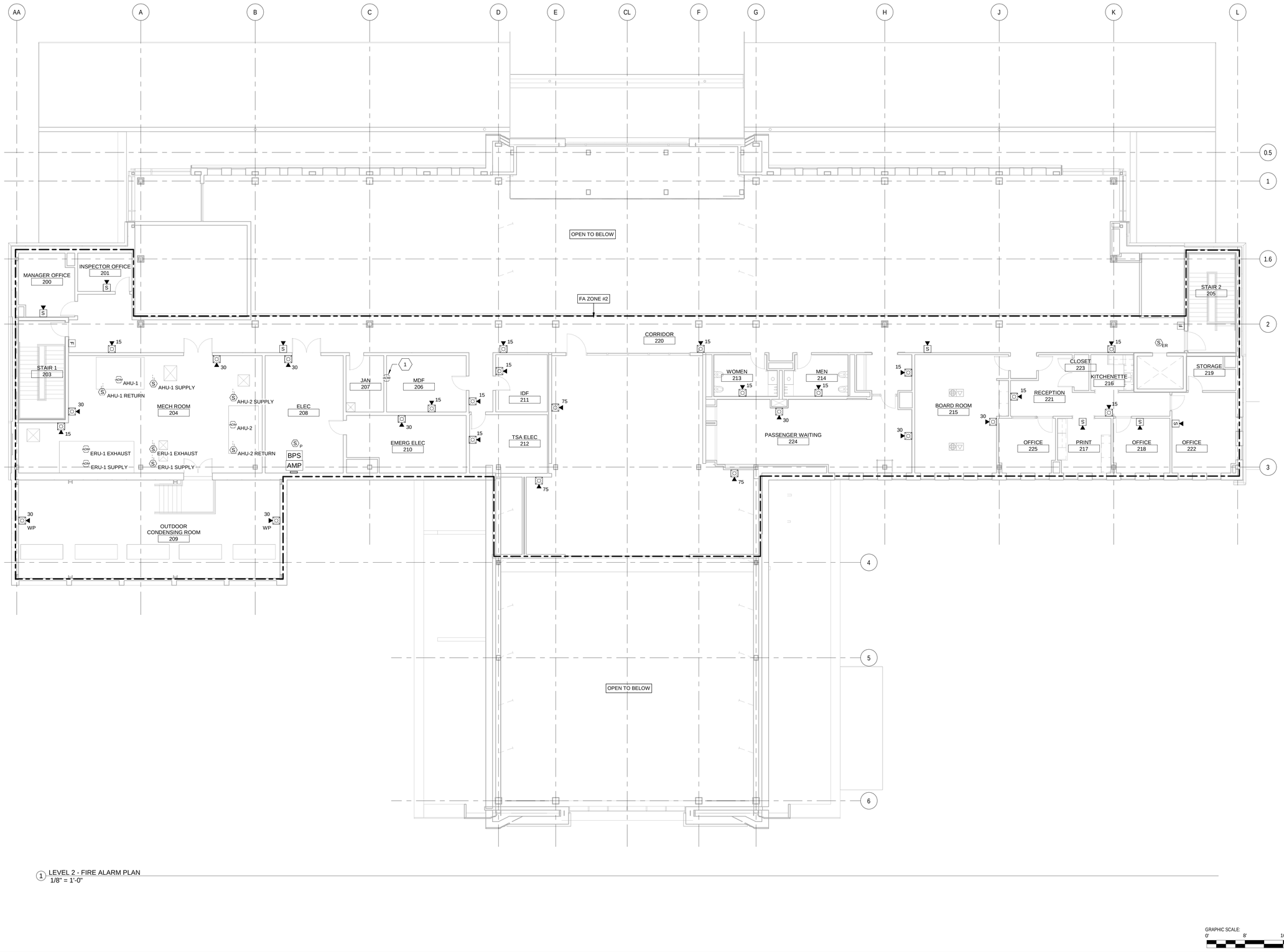
SHEET NUMBER:
FA1.101

SHEET KEYNOTES:

1 PROVIDE ADDRESSABLE OUTPUT MODULE TO MUTE TERMINAL PAGING SYSTEM UPON ACTIVATION OF FIRE ALARM SYSTEM.

GENERAL NOTES THIS SHEET:

1. REFER TO SHEET FA0.001 FOR GENERAL NOTES, ABBREVIATIONS, AND SYMBOL LEGEND.
2. EXPOSED CONDUIT, JUNCTION BOXES, AND BACK BOXES IN FINISHED AREAS SHALL BE FACTORY PAINTED RAL 9005, JET BLACK, SEMI-GLOSS FINISH, WITH THE INSIDE COVER OF JUNCTION BOXES IDENTIFIED AS "FIRE ALARM".



1 LEVEL 2 - FIRE ALARM PLAN
1/8" = 1'-0"

GRAPHIC SCALE:
0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

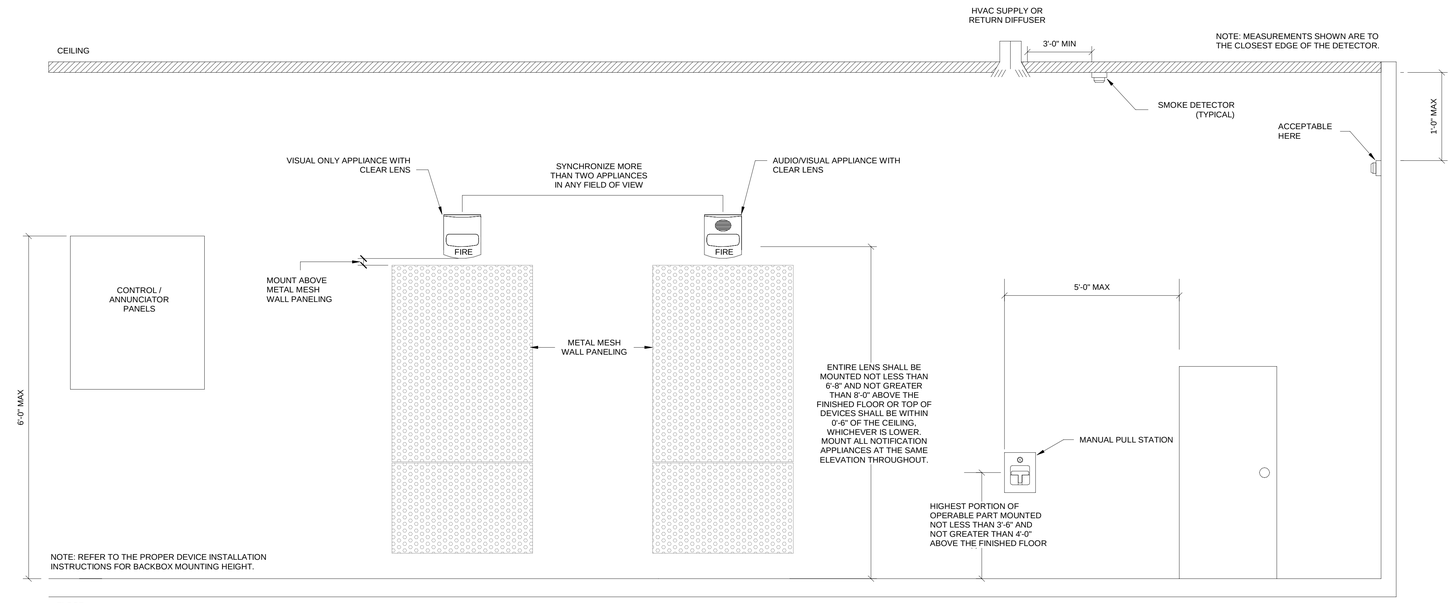
SHEET TITLE:
LEVEL 2 FIRE ALARM PLAN
BID DOCUMENTS

DISCIPLINE:
FIRE ALARM

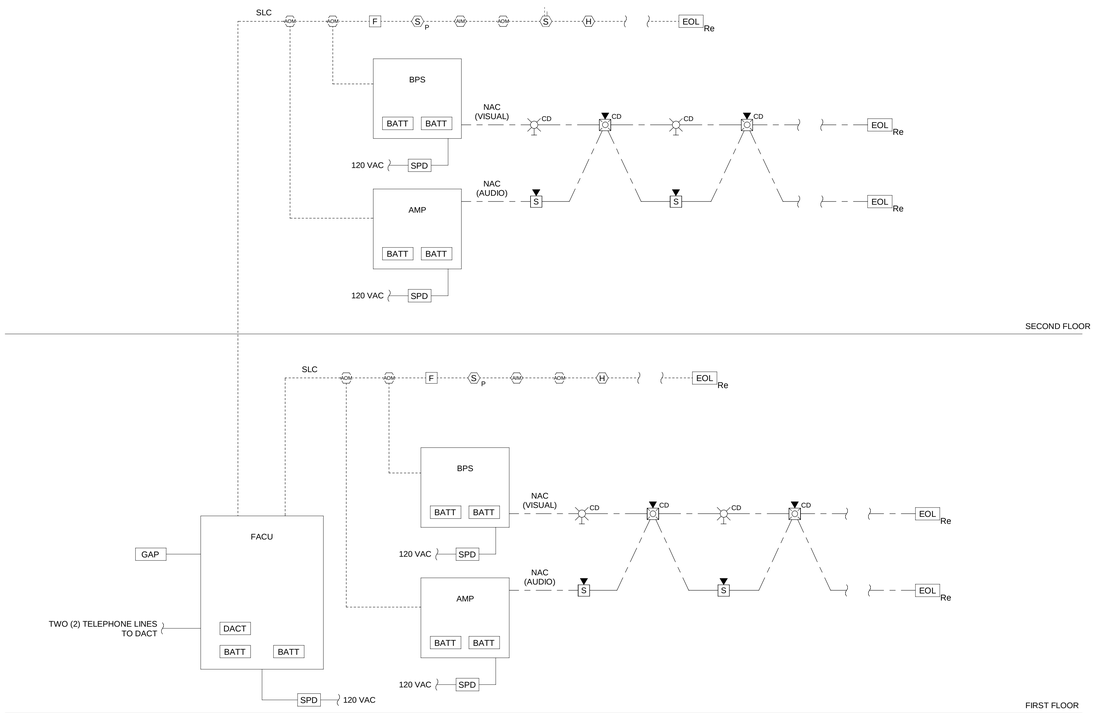
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
FA1.102



1 DEVICE MOUNTING HEIGHTS
NTS



NOTES:

1. FIRE ALARM RISER DIAGRAM IS DIAGRAMMATIC ONLY AND SHALL NOT BE USED AS A DEVICE COUNT. REFER TO FLOOR PLANS FOR LOCATIONS AND QUANTITY OF FIRE ALARM DEVICES. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE NUMBER OF CIRCUITS REQUIRED TO MAINTAIN REQUIRED SPARE CAPACITY AND MEET MANUFACTURER'S ACCEPTABLE VOLTAGE DROP.

2 FIRE ALARM RISER DIAGRAM
NTS

FIRE ALARM OUTPUT

FIRE ALARM INPUT	DISPLAY AND SOUND EVENT AT FACU	ACTIATE ALARM SIGNAL AT FACU AND TRANSMIT ALARM SIGNAL TO RECEIVING STATION	ACTIVATE SUPERVISORY SIGNAL AT FACU AND TRANSMIT SUPERVISORY SIGNAL TO RECEIVING STATION	ACTIVATE SYSTEM TROUBLE AT FACU AND TRANSMIT TROUBLE SIGNAL TO RECEIVING STATION	ACTIVATE ASSOCIATED LED ON GRAPHIC ANNUNCIATOR PANEL	ACTIVATE FIRE ALARM VISUAL NOTIFICATION APPLIANCES	ACTIVATE FIRE ALARM EVACUATION AUDIBLE NOTIFICATION MESSAGE	ACTIVATE PRIMARY ELEVATOR RECALL (FIRST FLOOR)	ACTIVATE SECONDARY ELEVATOR RECALL (SECOND FLOOR)	ACTIVATE ELEVATOR SHUNT TRIP	ACTIVATE EXTERIOR WATERFLOW ALARM ELECTRIC BELL	SHUTDOWN ASSOCIATED HVAC UNIT	MUTE TERMINAL PAGING SYSTEM
MANUAL FIRE ALARM PULL STATION	X	X			X	X	X						X
AREA SMOKE DETECTOR	X	X			X	X	X						X
FIRST FLOOR ELEVATOR LANDING SMOKE DETECTOR	X	X			X	X	X		X				X
SECOND FLOOR ELEVATOR LANDING SMOKE DETECTOR	X	X			X	X	X	X					X
ELEVATOR MACHINE ROOM SMOKE DETECTOR	X	X			X	X	X		X				X
ELEVATOR MACHINE ROOM OR SHAFT HEAT DETECTOR	X	X			X	X	X	X		X			X
ELEVATOR SHUNT TRIP CIRCUIT LOSS OF POWER	X		X		X								
DUCT SMOKE DETECTOR	X		X		X							X	
WET SPRINKLER SYSTEM WATER FLOW SWITCH	X	X			X	X	X				X		X
DRY SPRINKLER SYSTEM PRESSURE SWITCH	X	X			X	X	X				X		X
SPRINKLER VALVE TAMPER SWITCH	X		X		X								
DRY SPRINKLER SYSTEM NITROGEN GENERATOR LOSS OF POWER	X		X		X								
DRY SPRINKLER SYSTEM LOW NITROGEN PRESSURE	X		X		X								
DRY SPRINKLER SYSTEM HIGH NITROGEN PRESSURE	X		X		X								
STANDPIPE SYSTEM WATER FLOW SWITCH	X	X			X	X	X				X		X
STANDPIPE VALVE TAMPER SWITCH	X		X		X								
FIELD WIRING OR SYSTEM COMPONENT FAULT	X			X	X								
LOSS OF PRIMARY AC POWER	X			X	X								
OPEN CIRCUIT	X			X	X								
NAC SHORT	X			X	X								
LOW BATTERY	X			X	X								
EMERGENCY GENERATOR RUNNING	X		X		X								
EMERGENCY GENERATOR FAULT	X		X		X								
EMERGENCY GENERATOR SWITCH NOT IN AUTOMATIC POSITION	X		X		X								

3 FIRE ALARM SEQUENCE OF
OPERATIONS
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL
PASSENGER TERMINAL

SHEET TITLE:
FIRE ALARM DETAILS
BID DOCUMENTS

DISCIPLINE:
FIRE ALARM

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

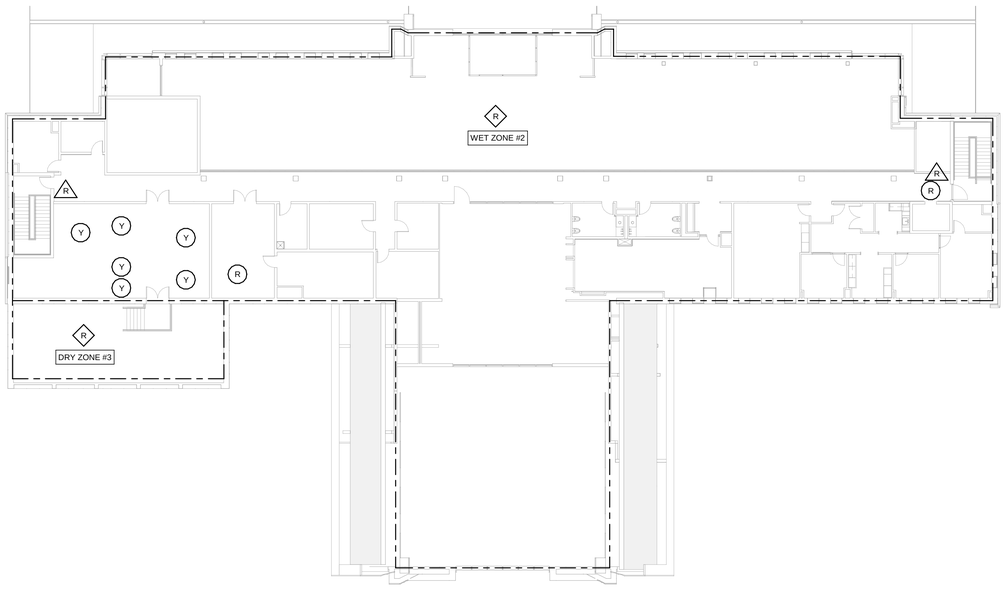
SHEET NUMBER:
FA5.101

2' - 0"

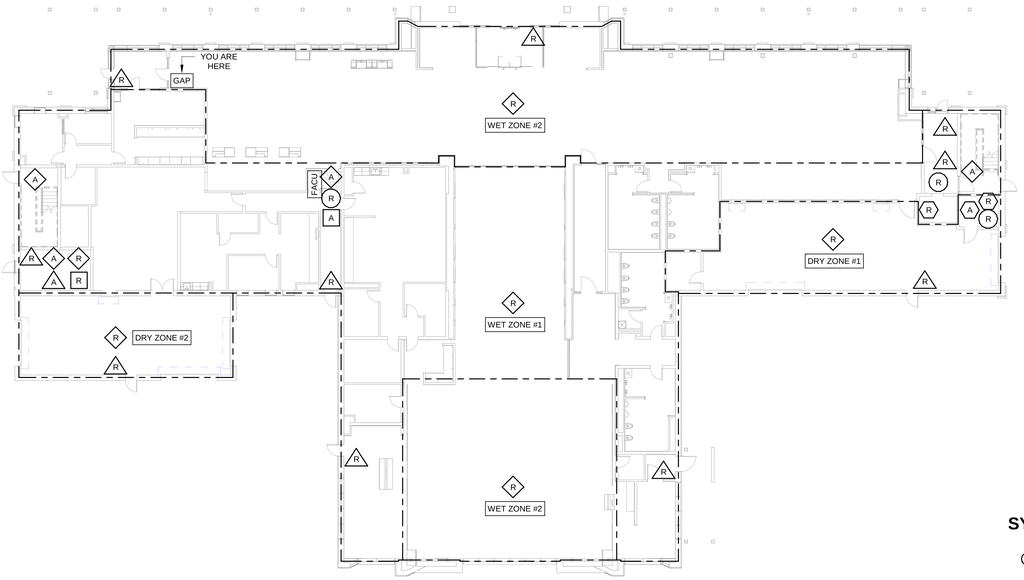
2' - 0 1/2"

FIRE ALARM ANNUNCIATOR

PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE



SECOND FLOOR



FIRST FLOOR

SYSTEM STATUS

- G — SYSTEM NORMAL
- A — SYSTEM SUPERVISORY
- A — SYSTEM TROUBLE

LAMP TEST

LEGEND

FACU	FIRE ALARM CONTROL UNIT
GAP	GRAPHIC ANNUNCIATOR PANEL
R	FIRE ALARM MANUAL PULL STATION
R	SMOKE DETECTOR
R	HEAT DETECTOR
A	DUCT SMOKE DETECTOR
R	SPRINKLER WATER FLOW/PRESSURE SWITCH
A	VALVE TAMPER SWITCH
R	STANDPIPE WATER FLOW SWITCH
A	NITROGEN GENERATOR SUPERVISORY
A	ELEVATOR SHUNT TRIP TROUBLE
A	EMERGENCY GENERATOR SUPERVISORY

LED COLORS:

R = RED
A = AMBER
G = GREEN

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
FIRE ALARM GRAPHIC ANNUNCIATOR DETAIL

BID DOCUMENTS

DISCIPLINE:
FIRE ALARM

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
FA5.102

FIRE SUPPRESSION LEGEND AND SYMBOLS

SYMBOL	DESCRIPTION
F	FIRE WATER SERVICE PIPING
WP	WET PIPE SPRINKLER PIPING
DP	DRY PIPE SPRINKLER PIPING
SP	WET MANUAL STANDPIPE PIPING
	SHUT OFF VALVE
	CHECK VALVE
	DRY VALVE
	FIRE DEPARTMENT CONNECTION (5" STORZ)
	PIPE DOWN
	PIPE UP
	PIPE CAP
	PIPE REDUCER
	HOSE VALVE
HC	HOSE VALVE CABINET
	FIRE SUPPRESSION ZONE BOUNDARY

APPLICABLE CODES

MAINE UNIFORM BUILDING CODE, IBC 2015 WITH AMENDMENTS
MAINE LIFE SAFETY CODE, NFPA 101 2018 WITH AMENDMENTS
MAINE FIRE CODE, NFPA 1 2018 WITH AMENDMENTS
MAINE FIRE SPRINKLER CODE, NFPA 13 2016 EDITION
STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, NFPA 14, 2013 EDITION
STANDARD ON AIRPORT TERMINAL BUILDINGS, FUELING RAMP DRAINAGE, AND LOADING WALKWAYS, NFPA 415, 2016 EDITION

FIRE SUPPRESSION GENERAL NOTES

1. PROVIDE THE DESIGN AND INSTALLATION OF AN AUTOMATIC, SUPERVISED SPRINKLER SYSTEM THROUGHOUT THE BUILDING IN ACCORDANCE WITH THE MAINE FIRE SPRINKLER CODE, NFPA 13 2016 EDITION WITH AMENDMENTS AND A WET MANUAL STANDPIPE SYSTEM IN ACCORDANCE WITH NFPA 14 2013 EDITION.
2. FIRE SUPPRESSION PLANS ARE DIAGRAMMATIC ONLY. SPRINKLERS, PIPING, AND FITTINGS MAY REQUIRE ADJUSTMENT IN THE FIELD. ANY ADJUSTMENTS IN THE FIELD SHALL BE AT THE FIRE PROTECTION CONTRACTOR'S EXPENSE.
3. COORDINATE ALL FIRE SUPPRESSION SYSTEM EQUIPMENT WITH ALL OTHER TRADES TO AVOID CONFLICTS. PROVIDE ALL NECESSARY FITTINGS, EQUIPMENT, HANGERS, OFFSETS, ROUTING ETC. TO AVOID ALL CONFLICTS AT NO ADDITIONAL COST.
4. ALL PENETRATIONS OF FIRE RATED PARTITIONS SHALL BE FIRESTOPPED PER THE SPECIFICATIONS. CONTRACTOR SHALL PROVIDE FIRESTOPPING SUBMISSIONS FOR EACH ASSEMBLY FOR APPROVAL PRIOR TO INSTALLATION.
5. SPRINKLERS INSTALLED IN ACOUSTICAL CEILING TILES SHALL BE RECESSED PENDENT TYPE AND SHALL BE INSTALLED IN THE CENTER OF CEILING TILES AT 1'-0" FROM THE CEILING GRID IN EACH DIRECTION. CONTRACTOR SHALL COORDINATE SPRINKLER LOCATIONS WITH ALL CEILING ELEMENTS (LIGHTS, DIFFUSERS, ETC.).
6. ALL FIRE SUPPRESSION PIPING 2-INCHES AND SMALLER MUST BE MINIMUM SCHEDULE 40 BLACK STEEL. ALL FIRE SUPPRESSION PIPING LARGER THAN 2-INCHES MUST BE MINIMUM SCHEDULE 10 BLACK STEEL.
7. ALL FIRE PROTECTION PIPING SHALL BE RUN ABOVE SUSPENDED CEILINGS, EXCEPT IN ROOMS WITHOUT SUSPENDED CEILINGS.
8. PROVIDE LABELING ON THE SURFACES OF ALL FEED AND CROSS MAINS TO IDENTIFY THE PIPE FUNCTION (E.G. "SPRINKLER SYSTEM", "FIRE DEPARTMENT CONNECTION", ETC.) VIA WHITE PAINTED STENCIL LETTERS AND ARROWS INDICATING FLOW DIRECTION.
9. CONTRACTOR SHALL COORDINATE THE EXACT REQUIREMENTS AND LOCATION OF WORK WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION. THE CONTRACTOR SHALL COORDINATE EXACT ROUTING OF PIPE AND SPRINKLERS SO THAT NO CONFLICTS OCCUR WITH LIGHTS, DIFFUSERS, BEAMS, CEILING BULKHEADS, ETC.
10. ALL FIRE PROTECTION PIPING SHALL BE SUPPORTED INDEPENDENTLY BY THE BUILDING STRUCTURAL MEMBERS IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13.
11. ALL FIRE SUPPRESSION WATER SUPPLY VALVES SHALL BE PROVIDED WITH TAMPER SWITCHES AND BE MONITORED BY THE BUILDING FIRE ALARM SYSTEM.
12. EACH SPRINKLER RISER ASSEMBLY CONSISTS OF A CONTROL VALVE WITH TAMPER SWITCH, CHECK VALVE, WATER FLOW SWITCH, AND INSPECTOR'S TEST AND DRAIN CONNECTION.
13. PROVIDE A MINIMUM CLEARANCE OF 3 FEET IN FRONT OF ALL EQUIPMENT AND 6-INCHES BEHIND THE EQUIPMENT (E.G. CONTROL VALVES, CHECK VALVES, WATER FLOW SWITCHES, ETC.).
14. TERMINATE ALL MAIN DRAINS AND INSPECTOR'S TEST CONNECTIONS PIPING TO THE EXTERIOR. PROVIDE CONCRETE SPLASH BLOCKS WHERE DRAIN AND TEST CONNECTIONS DO NOT DISCHARGE TO A CONCRETE SURFACE. PROVIDE AUXILIARY DRAINS IN LOCATIONS OF TRAPPED PIPING IN ACCORDANCE WITH NFPA 13.
15. PROVIDE LISTED OR APPROVED SPRINKLER GUARDS FOR SPRINKLERS LOCATED LESS THAN 7 FT ABOVE FINISHED FLOOR OR SUBJECT TO MECHANICAL DAMAGE OR THAT CAN BE GRABBED FROM FLOOR LEVEL.
16. PROVIDE SPRINKLER PROTECTION IN COMBUSTIBLE CONCEALED SPACES ABOVE ALL CEILINGS AND IN CHASES IN ACCORDANCE WITH NFPA 13 SECTION 8.15.1.1. PROTECT COMBUSTIBLE CONCEALED SPACES AS LIGHT HAZARD IN ACCORDANCE WITH NFPA 13 SECTION 8.15.1.3

SPRINKLER SYSTEM DESIGN CRITERIA

HATCH	SYSTEM TYPE	HAZARD	MINIMUM K-FACTOR	DESIGN DENSITY	DESIGN AREA	HOSE ALLOWANCE(3)
	WET	LIGHT HAZARD	5.6	0.1 GPM/SQFT	1500 SQFT	500 GPM
	WET	ORDINARY HAZARD, GROUP 1	5.6	0.15 GPM/SQFT	1500 SQFT	500 GPM
	WET	ORDINARY HAZARD, GROUP 1	5.6	0.15 GPM/SQFT	1950 SQFT(1)	500 GPM
	DRY	ORDINARY HAZARD, GROUP 1	5.6	0.15 GPM/SQFT	1950 SQFT(2)	500 GPM
	WET	ORDINARY HAZARD, GROUP 2	5.6	0.2 GPM/SQFT	1500 SQFT	500 GPM
	DRY	ORDINARY HAZARD, GROUP 2	5.6	0.2 GPM/SQFT	1950 SQFT(2)	500 GPM

NOTES:

(1) BASE DESIGN AREA OF 1500 SQFT PER NFPA 13 FIGURE 11.2.3.1.1 INCREASED BY 30% DUE TO SLOPED CEILINGS EXCEEDING 2 IN 12 PER NFPA 13 SECTION 11.2.3.2.4.

(2) BASE DESIGN AREA OF 1500 SQFT PER NFPA 13 FIGURE 11.2.3.1.1 INCREASED BY 30% FOR DRY SYSTEM PER NFPA 13 SECTION 11.2.3.2.5.

(3) HOSE STREAM ALLOWANCE OF 500 GPM REQUIRED FOR ALL HAZARD CLASSIFICATIONS PER NFPA 415 SECTION 4.5.5.

EXISTING WATER SUPPLY DATA

DATE OF TEST:	JULY 17, 2023
STATIC/RESIDUAL HYDRANT:	HYDRANT #45
FLOW HYDRANT:	HYDRANT #44
STATIC PRESSURE:	90 PSI
RESIDUAL PRESSURE:	60 PSI
FLOW:	1000 GPM

FIRE DEPARTMENT APPARATUS PUMP CAPACITY

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
FIRE SUPPRESSION LEGENDS & SYMBOLS
BID DOCUMENTS

DISCIPLINE:
FIRE SUPPRESSION

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
FX0.001

SHEET KEYNOTES:

1 PROVIDE NITROGEN GENERATOR TO PRESSURIZE DRY SPRINKLER SYSTEMS WITH NITROGEN.
2 4" UP TO SECOND FLOOR.
3 6" UP TO SECOND FLOOR.
4 AREA OPEN TO ABOVE. REFER TO DRAWING FX1.102 FOR HAZARD CLASSIFIATION OF THIS AREA.
5 PROVIDE STANDARD RESPONSE SIDEWALL SPRINKLER NOT MORE THAN 2 FEET ABOVE HYDRAULIC ELEVATOR PIT IN ACCORDANCE WITH NFPA 13 SECTION 8.15.5.1. ELEVATOR PIT SPRINKLER SHALL BE STANDARD RESPONSE WITH MINIMUM ACTIVATION TEMPERATURE OF 155 DEGREES FAHRENHEIT.
6 PROVIDE RECESSED HOSE VALVE CABINET AT THIS LOCATION. REFER TO DETAIL 3 ON DRAWING FX5.102 FOR INSTALLATION REQUIREMENTS.
7 SPRINKLER/STANDPIPE SYSTEM FIRE DEPARTMENT CONNECTION WITH ELECTRIC VIBRATING ALARM BELL MOUNTED DIRECTLY ABOVE. COORDINATE WITH FIRE ALARM CONTRACTOR FOR CONNECTION OF ELECTRIC VIBRATING BELL TO BUILDING FIRE ALARM SYSTEM.
8 WET MANUAL STANDPIPE HOSE VALVE.

SHEET KEYNOTES:

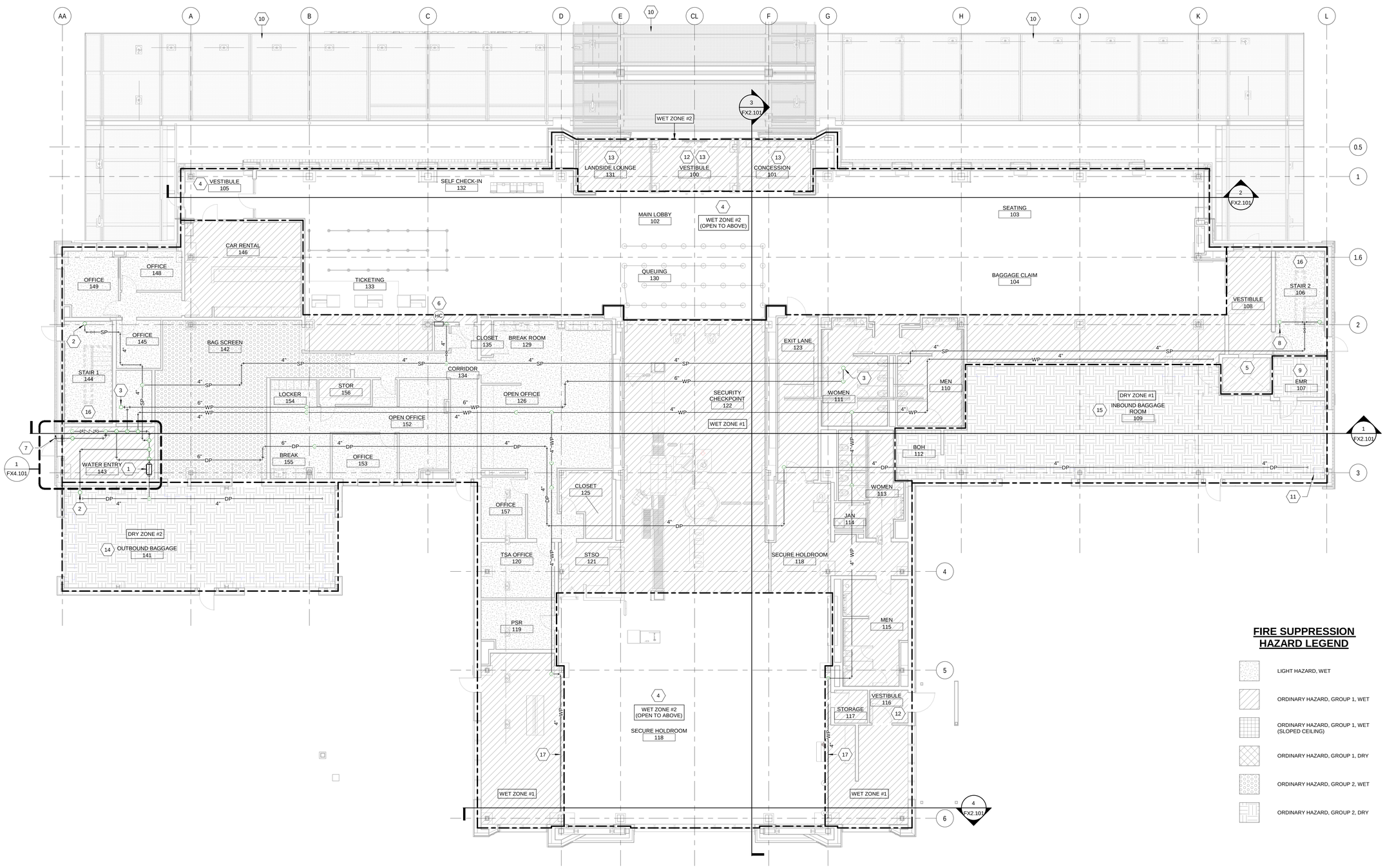
9 PROVIDE STANDARD RESPONSE UPRIGHT SPRINKLER(S) IN ELEVATOR MACHINE ROOM.
10 EXTERIOR CANOPIES TO BE CONSTRUCTED ENTIRELY OF NON-COMBUSTIBLE MATERIALS. LIMITED COMBUSTIBLE MATERIALS, AND/OR FIRE RETARDANT-TREATED WOOD. SPRINKLER PROTECTION NOT REQUIRED BELOW CANOPIES PER NFPA 13 SECTION 8.15.7.2.
11 PROVIDE AUXILIARY DRAIN FOR INBOUND BAGGAGE ROOM DRY SPRINKLER SYSTEM. DISCHARGE AUXILIARY DRAIN TO EXTERIOR.
12 PROVIDE DRY BARREL RECESSED PENDENT SPRINKLERS AT CEILING LEVEL IN VESTIBULE.
13 PROVIDE SPRINKLER PROTECTION AT CEILING LEVEL AND IN COMBUSTIBLE CONCEALED SPACE ABOVE CEILING OF LANDSIDE LOUNGE, VESTIBULE, AND CONCESSION. SUPPLY SPRINKLERS FROM PIPING ABOVE AT SECOND FLOOR PEAKED ROOF. ROUTE VERTICAL PIPING DOWN TO SPRINKLERS IN WALL CAVITIES AT COLUMN LINES D-0.5 AND G-O.5. ROUTE HORIZONTAL PIPING AT FIRST FLOOR CONCEALED BETWEEN LANDSIDE LOUNGE, VESTIBULE, AND CONCESSION CEILINGS AND CONCRETE SLAB ABOVE CEILINGS.

SHEET KEYNOTES:

14 INSTALL SPRINKLERS IN THIS ROOM IN ACCORDANCE WITH NFPA 13 REQUIREMENTS FOR OBSTRUCTED CONSTRUCTION.
15 INSTALL SPRINKLERS IN EACH BAY BETWEEN WOOD BEAMS IN THIS ROOM.
16 PROVIDE SPRINKLER BELOW LOWEST STAIR LANDING IN ACCORDANCE WITH NFPA 13 SECTION 8.15.3.2.1.
17 ROUTE 4-INCH MAIN TIGHT TO UNDERSIDE OF BEAM ABOVE.

GENERAL NOTES THIS SHEET:

1. REFER TO SHEET FX0.001 FOR GENERAL NOTES, ABBREVIATIONS, AND SYMBOL LEGEND.
2. PROVIDE SPRINKLER PROTECTION IN COMBUSTIBLE CONCEALED SPACES ABOVE ALL CEILINGS AND IN CHASES IN ACCORDANCE WITH NFPA 13 SECTION 8.15.1.1. PROTECT COMBUSTIBLE CONCEALED SPACES AS LIGHT HAZARD IN ACCORDANCE WITH NFPA 13 SECTION 8.15.1.3
3. EXPOSED PIPING IN FINISHED AREAS SHALL BE PRIMED AND COATED WITH TWO COATS OF RAL 9005, JET BLACK, SEMI-GLOSS FINISH.



FIRE SUPPRESSION HAZARD LEGEND

- LIGHT HAZARD, WET
- ORDINARY HAZARD, GROUP 1, WET
- ORDINARY HAZARD, GROUP 1, WET (SLOPED CEILING)
- ORDINARY HAZARD, GROUP 1, DRY
- ORDINARY HAZARD, GROUP 2, WET
- ORDINARY HAZARD, GROUP 2, DRY

1 LEVEL 1 - FIRE SUPPRESSION PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 FIRE SUPPRESSION PLAN
BID DOCUMENTS

DISCIPLINE:
FIRE SUPPRESSION

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
FX1.101

SHEET KEYNOTES:

1 SPRINKLER(S) AND PIPING IN THIS ROOM SHALL NOT BE LOCATED DIRECTLY ABOVE ANY EQUIPMENT. PIPING IN THIS ROOM SHALL BE LIMITED TO PIPE SERVING SPRINKLER(S) IN THIS ROOM ONLY UNLESS OTHERWISE NOTED.

2 PROVIDE SPRINKLERS AT TOP OF STAIR SHAFT IN ACCORDANCE WITH NFPA 13 SECTION 8.15.3.2.1.

3 SPRINKLER NOT REQUIRED AT TOP OF ELEVATOR SHAFT IN ACCORDANCE WITH NFPA 13 SECTION 8.15.5.6.

4 WET MANUAL STANDPIPE HOSE VALVE.

5 SPRINKLER MAIN ROUTED THROUGH THIS ROOM SHALL BE INSTALLED IN A BULKHEAD.

SHEET KEYNOTES:

7 PROVIDE SPRINKLER PROTECTION IN COMBUSTIBLE CONCEALED SPACE ABOVE VESTIBULE CEILING.

8 COORDINATE LOCATION OF BRANCHLINES WITH EXPOSED WOODEN TRUSSES IN SLOPED CEILING AREA SUCH THAT BRANCHLINES ARE ROUTED CLOSE TO THE TRUSSES AND AT THE SAME DISTANCE FROM TRUSSES IN EACH BAY TO THE MAXIMUM EXTENT POSSIBLE.

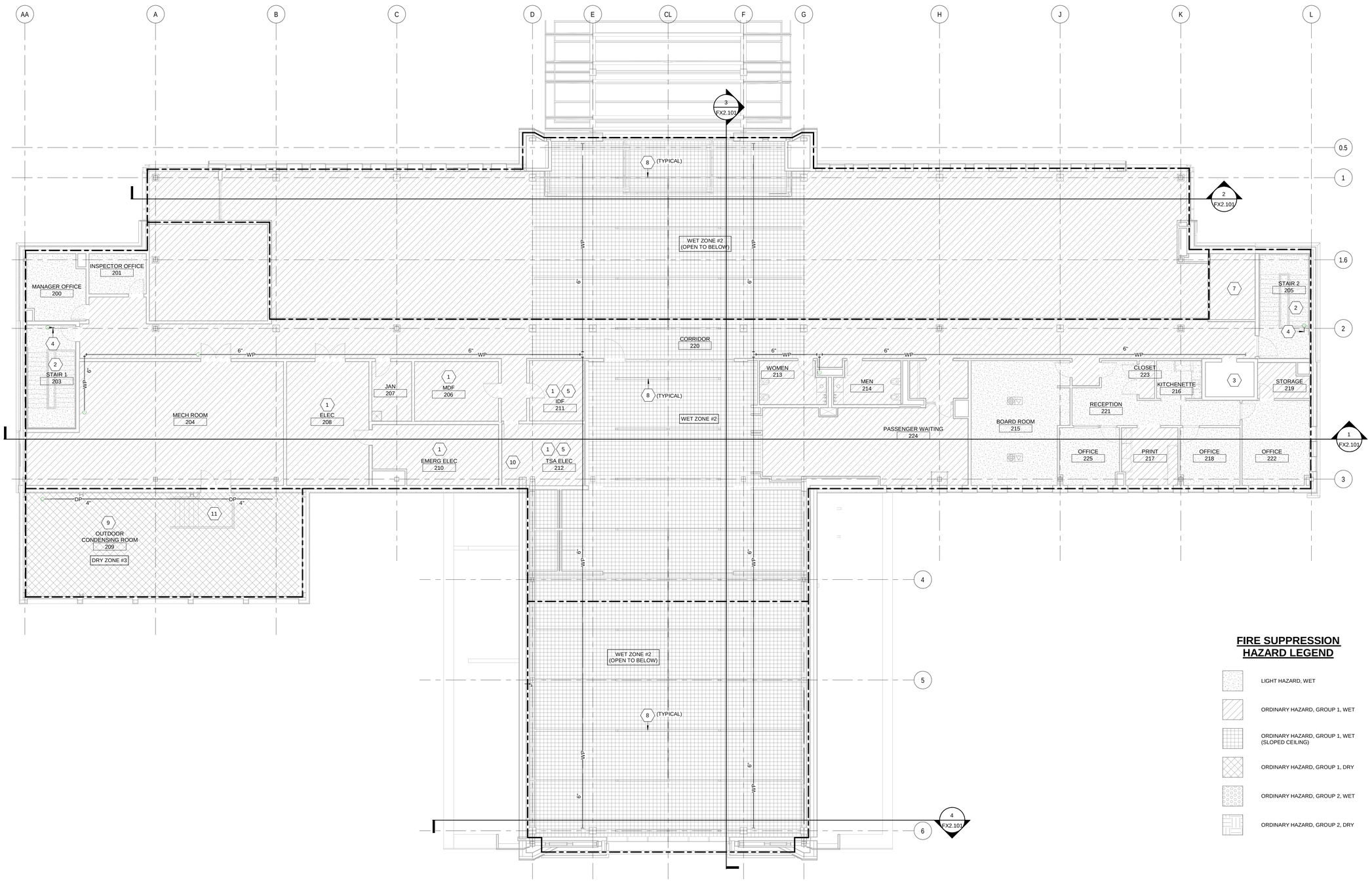
9 INSTALL SPRINKLERS IN THIS ROOM IN ACCORDANCE WITH NFPA 13 REQUIREMENTS FOR OBSTRUCTED CONSTRUCTION.

10 PROVIDE SPRINKLERS BELOW DUCTWORK GREATER THAN 48" APPROXIMATELY THIS LOCATION.

11 AREA BELOW STAIR IS OPEN. PROVIDE SPRINKLER BELOW STAIR IN ACCORDANCE WITH NFPA 13 SECTION 8.6.5.3.3.

GENERAL NOTES THIS SHEET:

1. REFER TO SHEET FX0.001 FOR GENERAL NOTES, ABBREVIATIONS, AND SYMBOL LEGEND.
2. PROVIDE SPRINKLER PROTECTION IN COMBUSTIBLE CONCEALED SPACES ABOVE ALL CEILINGS AND IN CHASES IN ACCORDANCE WITH NFPA 13 SECTION 8.15.1.1. PROTECT COMBUSTIBLE CONCEALED SPACES AS LIGHT HAZARD IN ACCORDANCE WITH NFPA 13 SECTION 8.15.1.3
3. EXPOSED PIPING IN FINISHED AREAS SHALL BE PRIMED AND COATED WITH TWO COATS OF RAL 9005, JET BLACK, SEMI-GLOSS FINISH.



FIRE SUPPRESSION HAZARD LEGEND

- LIGHT HAZARD, WET
- ORDINARY HAZARD, GROUP 1, WET
- ORDINARY HAZARD, GROUP 1, WET (SLOPED CEILING)
- ORDINARY HAZARD, GROUP 1, DRY
- ORDINARY HAZARD, GROUP 2, WET
- ORDINARY HAZARD, GROUP 2, DRY

1 LEVEL 2 - FIRE SUPPRESSION PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

Autodesk Docs://BP-AMER (USA) 60693900-PQI Passenger Terminal/60693900 - PQI PASSENGER TERMINAL_FIRE - R23.rvt 6/3/2024 4:44:00 PM

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

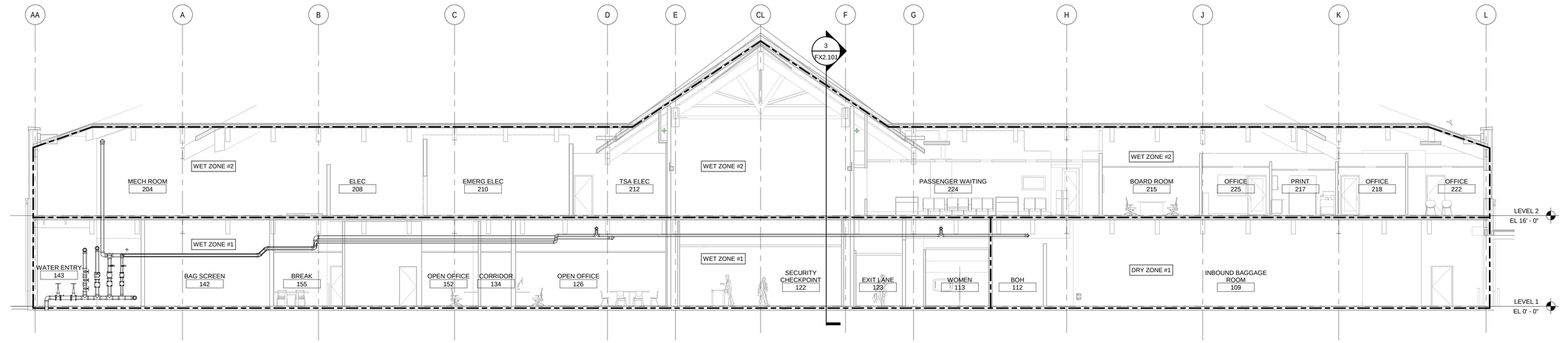
SHEET TITLE:
LEVEL 2 FIRE SUPPRESSION PLAN
BID DOCUMENTS

DISCIPLINE:
FIRE SUPPRESSION

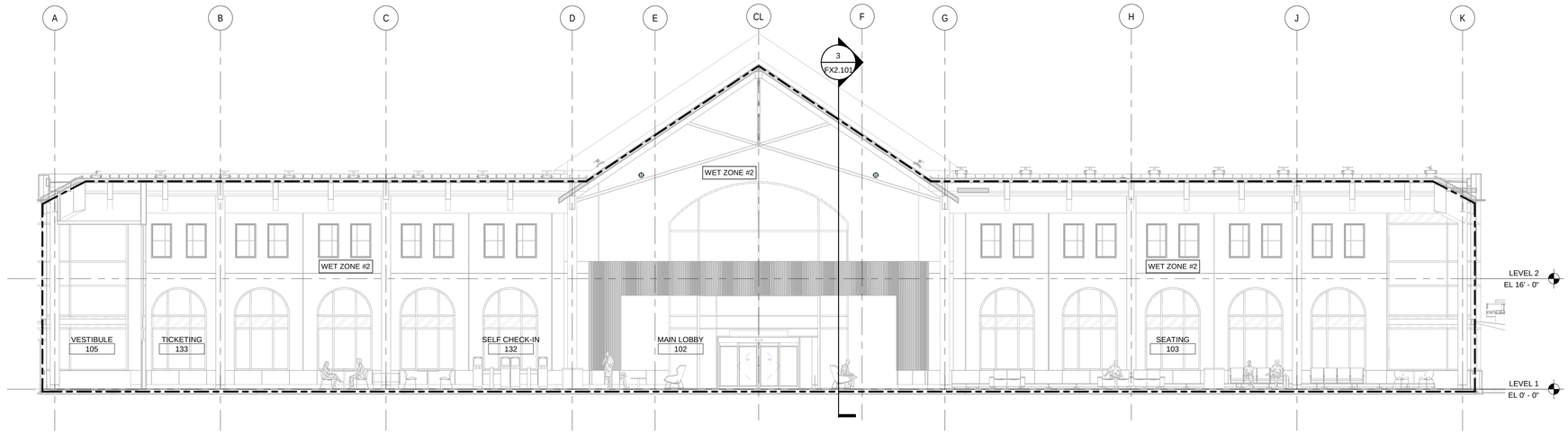
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

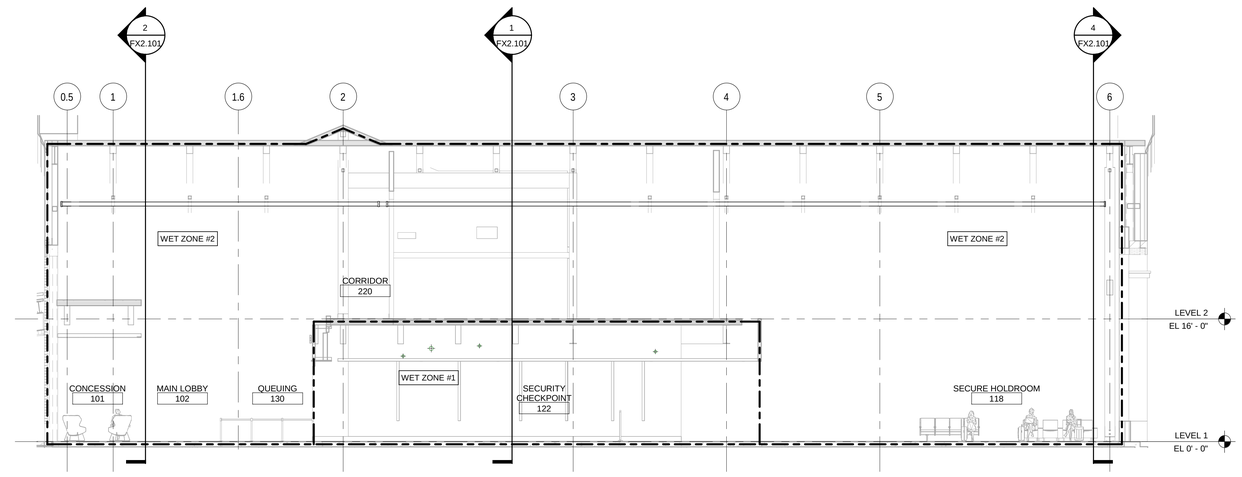
SHEET NUMBER:
FX1.102



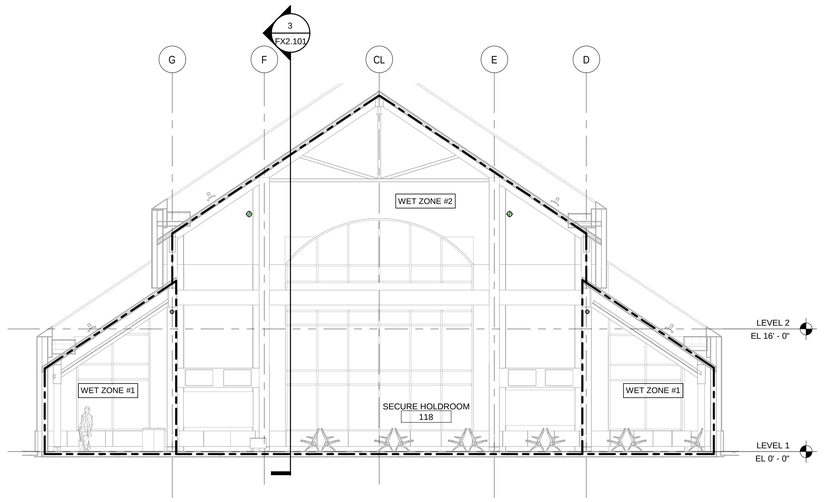
1 OVERALL EAST WEST SECTION
1/8" = 1'-0"



2 MAIN LOBBY EAST WEST SECTION
1/8" = 1'-0"



3 OVERALL NORTH SOUTH SECTION
1/8" = 1'-0"



4 SECURE HOLD ROOM EAST WEST SECTION
1/8" = 1'-0"

GRAPHIC SCALE:
0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
FIRE SUPPRESSION BUILDING SECTIONS

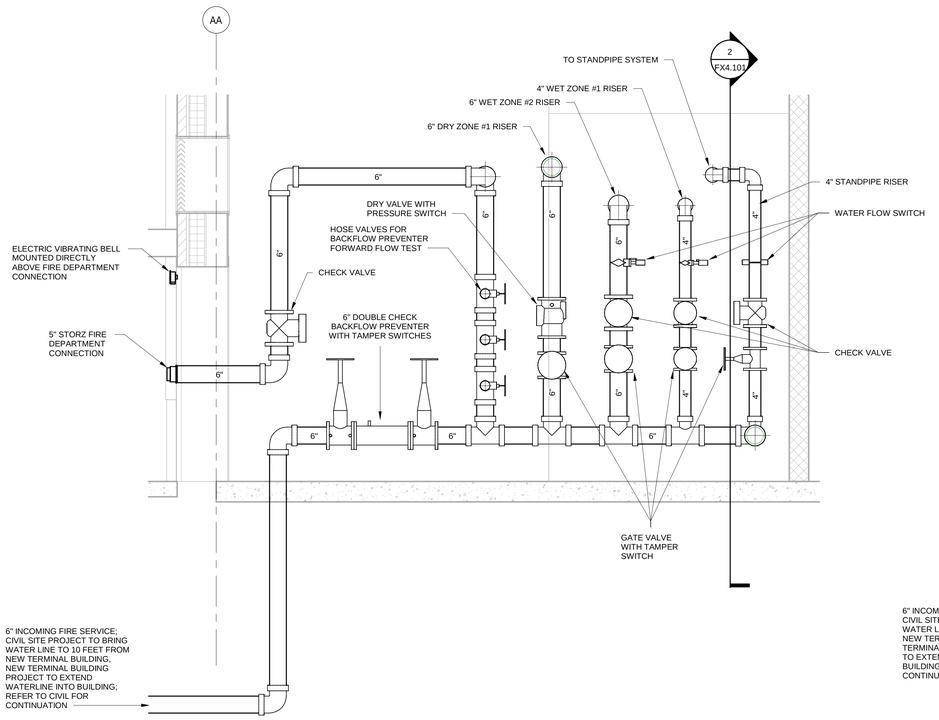
BID DOCUMENTS

DISCIPLINE:
FIRE SUPPRESSION

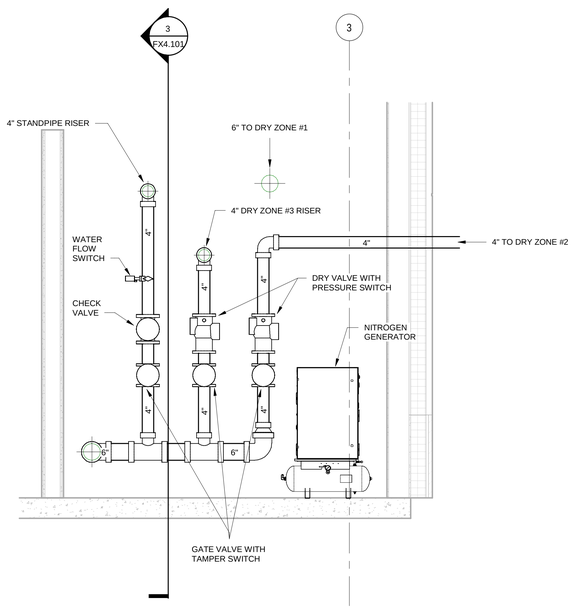
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

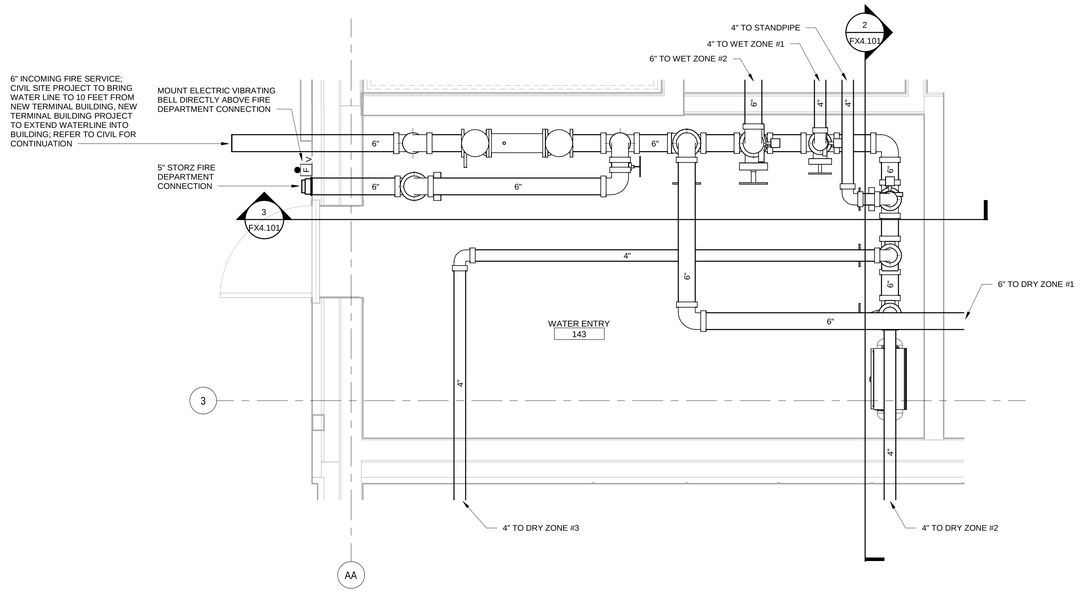
SHEET NUMBER:
FX2.101



3 INCOMING FIRE WATER SERVICE
1/2" = 1'-0"



2 FIRE SUPPRESSION RISERS
1/2" = 1'-0"



1 ENLARGED WATER ENTRY PLAN
1/2" = 1'-0"

GRAPHIC SCALE:
0' 2' 4' 6'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

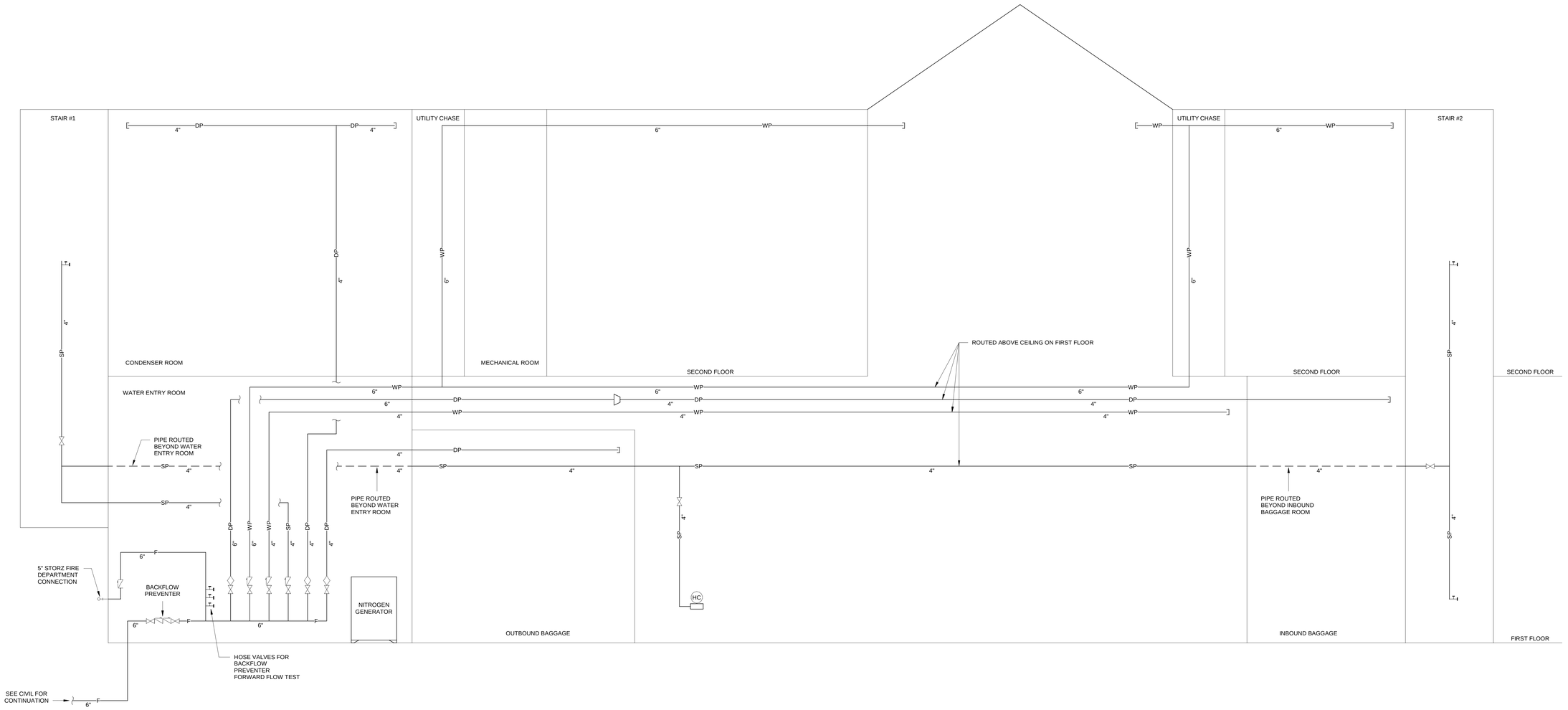
SHEET TITLE:
WATER ENTRY ENLARGED PLANS
BID DOCUMENTS

DISCIPLINE:
FIRE SUPPRESSION

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
FX4.101



1 FIRE SUPPRESSION RISER DIAGRAM
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
FIRE SUPPRESSION RISER DIAGRAM

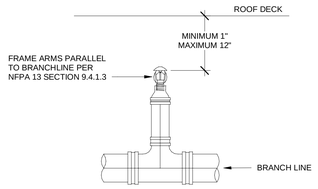
BID DOCUMENTS

DISCIPLINE:
FIRE SUPPRESSION

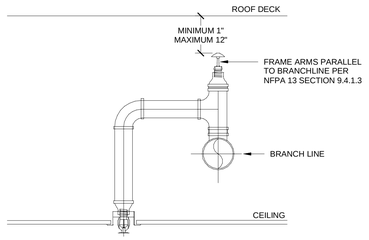
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
FX5.101

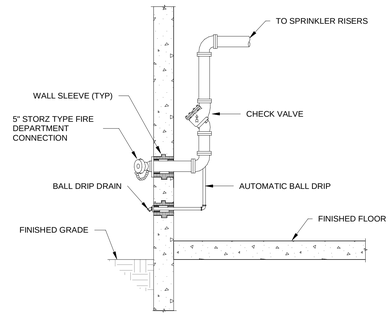


SPRINKLER HEAD UPRIGHT TYPE

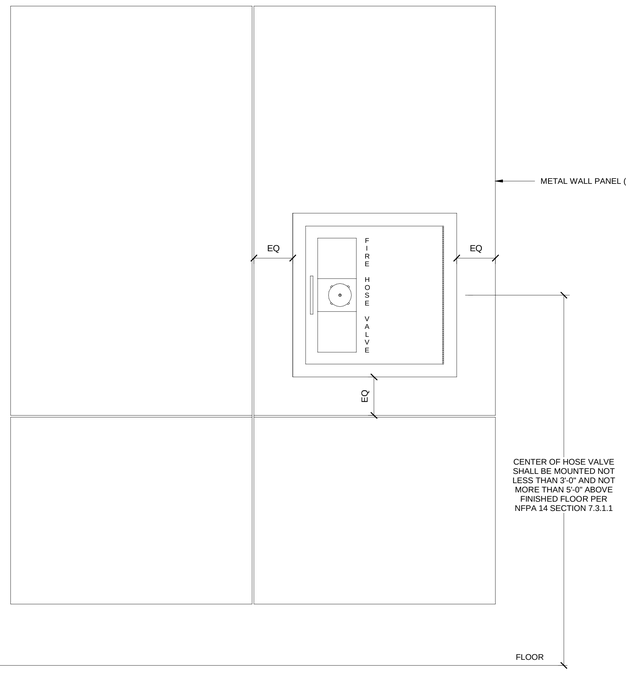


SPRINKLER HEAD AT CEILING AND IN
COMBUSTIBLE CONCEALED SPACE ABOVE

4 SPRINKLER INSTALLATION DETAILS
NTS

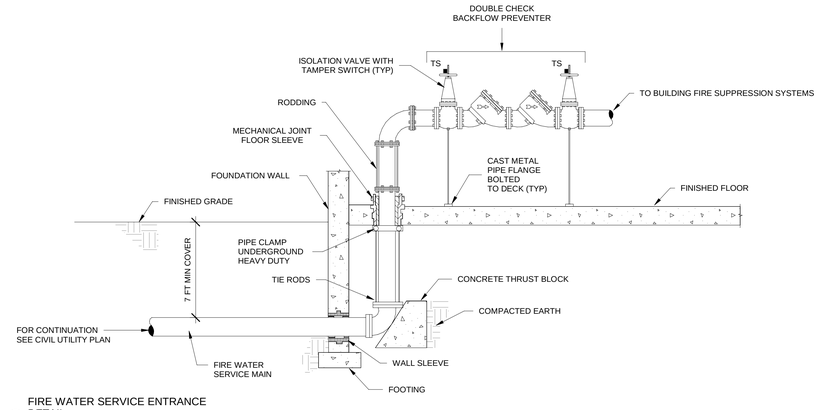


2 FIRE DEPARTMENT CONNECTION DETAIL
NTS



NOTE: CENTER HOSE VALVE CABINET BETWEEN VERTICAL SEAMS OF METAL WALL PANEL. DIMENSION BETWEEN THE BOTTOM OF CABINET TO HORIZONTAL METAL WALL PANEL SEAM BELOW SHALL EQUAL THE DIMENSION BETWEEN THE SIDES OF CABINET AND VERTICAL METAL WALL PANEL SEAMS.

RECESSED HOSE VALVE CABINET
3 DETAIL
NTS



FIRE WATER SERVICE ENTRANCE
1 DETAIL
NTS

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
JONATHAN CARTER HEIM
No. 18126
LICENSED PROFESSIONAL ENGINEER
6/5/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL
PASSENGER TERMINAL

SHEET TITLE:
FIRE SUPPRESSION DETAILS
BID DOCUMENTS

DISCIPLINE:
FIRE SUPPRESSION

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JH	JH	ML	JH

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
FX5.102

PLUMBING ABBREVIATIONS

A	
A/C	ABOVE CEILING
A/E	ARCHITECT/ENGINEER
AAV	AUTOMATIC AIR VENT
AD	AREA DRAIN
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISHED GRADE
AG	AIR GAP
AP	ACCESS PANEL
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION, AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS
B	
B/F	BELOW FLOOR
BFF	BELOW FINISH FLOOR
BFP	BACK FLOW PREVENTER
BG	BELOW GRADE
BTUH	BRITISH THERMAL UNIT PER HOUR
BV	BALL VALVE
C	
CD	CONDENSATE DRAIN
CI	CAST IRON
CLG	CEILING
CO	CLEANOUT
D	
DCW	DOMESTIC COLD WATER
DF	DRINKING FOUNTAIN
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECURCULATING
DN	DOWN
DR	DRAIN
DS	DOWNSPOUT
DWV	DRAIN, WASTE, VENT
E	
EEW	EMERGENCY EYEWASH
ELEC	ELECTRIC (AL)
EQ	EQUAL
EQUIP	EQUIPMENT
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
F	
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FF EL	FINISH FLOOR ELEVATION
FIXT	FIXTURE
FL	FLOOR
FPS	FEET PER SECOND
FR ABV	FROM ABOVE
FR BLW	FROM BELOW
FT	FT
G	
GAL	GALLON
GCO	GRADE CLEANOUT
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	
HB	HOSE BIBB
HC	HANDICAP
HD	HEAD
HT	HEIGHT
HWCP	HOT WATER CIRCULATING PUMP
HYD	HYDRANT
HZ	HERTZ
I	
INSUL	INSULATION
INV EL	INVERT ELEVATION
IPC	INTERNATIONAL PLUMBING CODE
J	
JAN	JANITOR
L	
LAV	LAVATORY
LBS	POUND
M	
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MS	MOP SINK
MTD	MOUNTED
N	
N	NORTH
NA	NOT APPLICABLE
NC	NORMALLY CLOSE
NFWH	NON-FREEZE WALL HYDRANT
NG	NATURAL GAS
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN / NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
ORIG	ORIGINAL
OS&Y	OUTSIDE STEM AND YOKE
OSD	OVERFLOW STORM DRAIN
P	
P	PUMP
PD	PRESSURE DROP/PUMP DISCHARGE
PDI	PLUMBING AND DRAINAGE INSTITUTE
PLBG	PLUMBING
PNEU	PNEUMATIC
POS	POSITIVE
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
Q	
QTY	QUANTITY
R	
RCP	REFLECTED CEILING PLAN / REFINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REQD	REQUIRED
REV	REVISION
RPZ	REDUCED PRESSURE ZONE
RV	RELIEF VALVE
S	
SAN	SANITARY SEWER
SCHED	SCHEDULE
SD	SHOWER DRAIN/STORM DRAIN
SF	SQUARE FEET
SK	SINK
SP	SUMP PIT / SUMP PUMP
SS	SERVICE SINK / STAINLESS STEEL
STD	STANDARD
SYM	SYMBOL
SYS	SYSTEM
T	
T&P	TEMPERATURE AND PRESSURE VALVE
TCV	TEMPERATURE CONTROL VALVE
TD	TRENCH DRAIN
TMV	THEMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TYP	TYPICAL
U	
U.N.O.	UNLESS NOTIFIED OTHERWISE
UGND	UNDERGROUND
UR	URINAL
V	
V	VENT
VERT	VERTICAL
VIF	VERIFY IN FIELD
VS	VENT STACK
VTR	VENT THRU ROOF
W	
W	WASTE
WC	WATER CLOSET / WATER COLUMN
WCO	WALL CLEANOUT
WH	WALL HYDRANT / WATER HEATER
WHA	WATER HAMMER ARRESTOR
WTR	WATER
Y	
YH	YARD HYDRANT

PLUMBING SYMBOLS LIST

NOTE: NOT ALL SYMBOLS MAY BE USED.

SYMBOL	DESCRIPTION
1	KEYNOTE (SEE LEGEND ON SHEET)
	FLOW ARROW
	PIPE CAPPED
	PIPE UNION
	PIPE GUIDES OR SLEEVES
	PIPE ANCHOR
	FLEXIBLE PIPE CONNECTIONEE
	SPECIFICATIONS FOR VALVE TYPE CHECK VALVE (ARROW INDICATES DIRECTION OF FLOW)
M	MANUAL BALANCING VALVE
A	AUTOMATIC BALANCING VALVE
S	SOLENOID VALVE
	TWO-WAY CONTROL VALVE
	TWO-WAY PRESSURE VALVE
PICBV	INDEPENDENT CONTROL AND BALANCE VALVE
	THERMOSTATIC MIXING VALVE
	PRESSURE REDUCING VALVE
VB	VACUUM BREAKER
	PLUG VALVE
	TEMPERATURE AND PRESSURE RELIEF VALVE
	THREADED HOSE CONNECTION
	REDUCED PRESSURE BACKFLOW PREVENTER
	PRESSURE GAUGE WITH STOPCOCK
	STRAINER WITH BLOW DOWN VALVE
AV	AUTOMATIC AIR VENT
MAV	MANUAL AIR VENT
	TEMPERATURE/PRESSURE TEST PLUG (PETE'S PLUG)
FS	WATER FLOW SWITCH
PS	PRESSURE SWITCH
CO	CLEAN OUT
WCO	WALL CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GRADE CLEAN OUT
AD	AREA DRAIN
FD	FLOOR DRAIN
OFD	OVERFLOW ROOF DRAIN
RD	ROOF DRAIN
HB	HOSE BIBB
WH	WALL HYDRANT
YH	YARD HYDRANT
	FLOW METER
	THERMOMETER
	PITCH DOWN IN DIRECTION OF ARROW
M	METER
W #	RISER OR STACK DESIGNATION & NUMBER
A	HOT WATER MAINTENANCE CABLE START POINT
A	HOT WATER MAINTENANCE CABLE TEE POINT
A	HOT WATER MAINTENANCE CABLE END POINT

PLUMBING SHEET INDEX

SHEET NUMBER	SHEET TITLE
P0.001	ABBREVIATIONS, LEGENDS, AND GENERAL NOTES
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P1.201	LEVEL 2 - OVERALL PLAN - GRAVITY
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P1.301	ROOF PLAN - PLUMBING
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P1.501	DETAILS
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PLUMBING PIPING LEGEND

- DOMESTIC COLD WATER (DCW)
- DOMESTIC HOT WATER (DHW)
- DOMESTIC HOT WATER RECIRCULATING (DHWR)
- SANITARY SEWER, ABOVE GRADE (SAN)
- SANITARY SEWER, BELOW GRADE (SAN)
- SANITARY VENT (V)
- SD — STORM DRAIN (SD)
- OSD — OVERFLOW STORM DRAIN (OSD)
- PD — PUMP DISCHARGE (PD)

DRAWING SYMBOLS

- 2 / PL105 — DETAIL NUMBER / DRAWING NUMBER WHERE DRAWN

GENERAL NOTES

1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS (DO NOT SCALE FOR LOCATIONS). IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS. THE CONTRACTOR SHALL CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL SIZES, MATERIALS, TEMPERATURE AND PRESSURE RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE 2021.
3. THE CONTRACTOR SHALL INSTALL A TEST TEE IN THE NEW SANITARY WASTE AND VENT PIPING IN ORDER TO TEST THE SYSTEM.
4. COORDINATE EXACT REQUIREMENTS AND LOCATION OF WORK WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION. PROVIDE ADDITIONAL OFF SETS AND SECTIONS OF PIPING AS MAY BE REQUIRED TO MEET THE APPLICABLE JOB CONDITION REQUIREMENTS. VERIFY JOB-SITE ELEVATIONS, DIMENSIONS, AND CONDITIONS, PRIOR TO FABRICATION OR INSTALLATION OF THE WORK. COORDINATE EXACT ROUTING OF PIPING WITH OTHER TRADES SO THAT NO CONFLICTS OCCUR WITH DUCTWORK, PIPING, LIGHTS, STRUCTURE, ETC.
5. ENSURE THAT WORK WILL NOT INTERFERE OR INTERRUPT SERVICES TO AREAS OUTSIDE OF THE DESIGNATED CONTRACT AREAS. AS ANY INTERRUPTIONS OF EXISTING SERVICES BECOMES NECESSARY, SCHEDULE SUCH INTERRUPTIONS WITH THE OWNER PRIOR TO THEIR COMMENCEMENT. GIVE THE OWNER NO LESS THAN TWO WEEKS NOTICE AS TO WHEN HE EXPECTS SUCH INTERRUPTIONS. WORK SHALL BE PERFORMED AT SUCH TIMES AS DIRECTED BY THE OWNER.
6. ALL FLOOR PENETRATIONS TO BE SEALED WATER TIGHT AND COMPLETELY PACKED WITH SEALANT OR FIRE STOP MATERIAL WHERE APPLICABLE BY TRADE CONTRACTORS.
7. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. INCLUDE ALL NECESSARY AND APPLICABLE APPURTENANCES, WHETHER INDICATED OR NOT.
8. INSTALL ALL WORK TO COMPLY WITH ALL LAWS, REGULATIONS, CODES AND STANDARDS (FEDERAL, STATE, AND LOCAL), AS ADOPTED BY THE AGENCIES HAVING JURISDICTION, INCLUDING REASONABLY ANTICIPATED REVISIONS BASED ON EMERGING TRENDS IN BUILDING REGULATIONS. WHERE ANY OF THESE DIFFER, THE MOST STRINGENT SHALL APPLY.
9. COORDINATE THE LOCATION OF ALL UTILITY CONNECTION POINTS, FLOOR DRAINS AND HUB DRAINS FOR EQUIPMENT WITH OTHER TRADES.
10. PROVIDE LINE SIZED SHUT-OFF VALVE IN ALL HOT AND COLD WATER BRANCHES SERVING PLUMBING FIXTURES OR EQUIPMENT.
11. ALL PIPING PENETRATIONS THRU COUNTERTOPS BY PLUMBING CONTRACTOR. PROVIDE CHROME PLATED ESCUTCHEON.
12. PROVIDE A WATER HAMMER ARRESTOR ON HOT AND COLD WATER LINES AT ENDS OF MAINS. AT ENDS OF BRANCH LINES, AT END OF LINES SERVING GROUPS OF PLUMBING FIXTURES AND FOR ALL QUICK CLOSING VALVES. SIZE AND INSTALL ARRESTORS AS RECOMMENDED BY PDI WH-201 TO ELIMINATE WATER HAMMER. INSTALL WHERE ACCESSIBLE FOR SERVICE AND PROVIDE ISOLATION VALVE AND ACCESS DOOR IF REQUIRED.
13. THE CONTRACTOR IS RESPONSIBLE FOR FIRESTOPPING AT ALL PLUMBING RELATED PENETRATIONS OF FIRE, SMOKE AND OTHER RATED STRUCTURES, INCLUDING FLOORS, WALLS, PARTITIONS, ETC.. REFER TO ARCHITECTURAL DOCUMENTATION FOR LOCATIONS OF ALL RATED STRUCTURES, AND SPECIFIC INFORMATION AND REQUIREMENTS PERTAINING TO SAME.
14. LAYOUT AND INSTALLATION OF PIPING, EQUIPMENT AND APPURTENANCES INDICATED ON PLAN IS SCHEMATIC IN NATURE. EXACT LOCATION, ROUTING AND INSTALLATION TO BE COORDINATED WITH BUILDING STRUCTURES AND ALL OTHER TRADES.
15. UNLESS INDICATED OTHERWISE, ALL FIXTURES AND EQUIPMENT PROVIDED WITH PLUMBING SUPPLY PIPING TO BE FURNISHED WITH APPROVED/LISTED STOPS IN ACCESSIBLE LOCATIONS.
16. UNLESS INDICATED OTHERWISE BY THE ARCHITECTURAL DOCUMENTATION (WHICH SHALL TAKE PRECEDENCE), PLUMBING FIXTURES AND EQUIPMENT MOUNTING HEIGHTS SHALL BE AS INDICATED ON PLUMBING FIXTURE SCHEDULE.
17. PLUMBING PIPING IS NOT PERMITTED TO RUN ABOVE ANY ELECTRICAL SWITCH GEAR, MOTOR CONTROL CENTERS OR PANELS (INCLUDING ACCESS/CLEARANCE SPACE 42" IN FRONT OF THESE ITEMS, AND MIN 30" WIDE), UNDER ANY CIRCUMSTANCES. LOCATION OF NEW ITEMS OF THESE TYPES TO BE DETERMINED AND CONFIRMED FROM INDICATION BY THE PROJECT ELECTRICAL DOCUMENTATION, AND ACTUAL INSTALLATION CONFIRMED WITH THE ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.
18. THE SIZES OF SOIL, WASTE, VENT AND WATER BRANCH PIPING TO SINGLE FIXTURES SHALL BE AS SCHEDULED IN THE PLUMBING FIXTURE SCHEDULE. ALL HORIZONTAL SANITARY DRAINAGE, SANITARY VENT, CONDENSATE DRAINAGE AND STORM DRAINAGE PIPING SHALL BE INSTALLED AT 1/8" PER FOOT SLOPE FOR PIPES 3" OR LARGER AND AT 1/4" PER FLOOR FOR 2-1/2" AND SMALLER PIPES.
19. CONTRACTOR TO PROVIDE MISCELLANEOUS STEEL AS REQUIRED TO SUPPORT EQUIPMENT AND ASSOCIATED COMPONENTS SUCH AS CONTROL PANELS, TANKS, VALVES, PIPING, VARIABLE SPEED DRIVES, ETC. MISCELLANEOUS STEEL TO CONSIST OF GALVANIZED STRUT, ANGLE IRON, CHANNELS OR OTHER STANDARD GALVANIZED STEEL ELEMENTS. ALL WELDED CONNECTIONS TO BE GROUND AND COLD GALVANIZED IN THE FIELD.
20. PROVIDE BACKFLOW PREVENTER OR VACUUM BREAKER IN DOMESTIC WATER LINES, WHERE BACKFLOW OR BACK PRESSURE MAY OCCUR, AS REQUIRED BY THE STATE OR LOCAL JURISDICTION. EQUIPMENT SUCH AS COFFEE MAKERS, CARBONATED VENDING MACHINES, WATER COOLED ICE MAKERS, HOSE BIBBS AND WALL HYDRANTS ARE TO INCLUDE BACKFLOW PREVENTION DEVICES IN THE WATER LINES THAT SERVE THEM.
21. ALL SANITARY VENT LINES BELOW GRADE ARE TO TAKE OFF FROM SANITARY WASTE BRANCHES MINIMUM 6" OFF TOP OR AT 45 DEGREE.
22. PROVIDE SHUT-OFF BALL VALVE IN WATER LINES SERVING TRAP PRIMER DISTRIBUTION UNITS, BALANCING VALVES AND WATER HAMMER ARRESTORS.
23. ALL ITEMS THAT REQUIRE MAINTENANCE OR ADJUSTMENT SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS. PROVIDE APPROPRIATELY SIZED ACCESS PANEL/DOOR AS REQUIRED.
24. ALL PLUMBING COMPONENTS WILL MEET THE U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA) AMENDMENTS TO SAFE WATER DRINKING ACT TO MEET "LEAD-FREE" REQUIREMENTS.
25. PLUMBING PIPING SHALL EXTEND 5'-0" BEYOND BUILDING. COORDINATE WITH SITE UTILITY PLAN FOR THE CONNECTION AND CONTINUATION OF PIPING.
26. PROVIDE INSULATION FOR ALL STORM, DCW, DHW, DHWR, AND CHILLED WATER PER SPECIFICATIONS.

PRESQUE ISLE INTERNATIONAL AIRPORT / AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:

AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

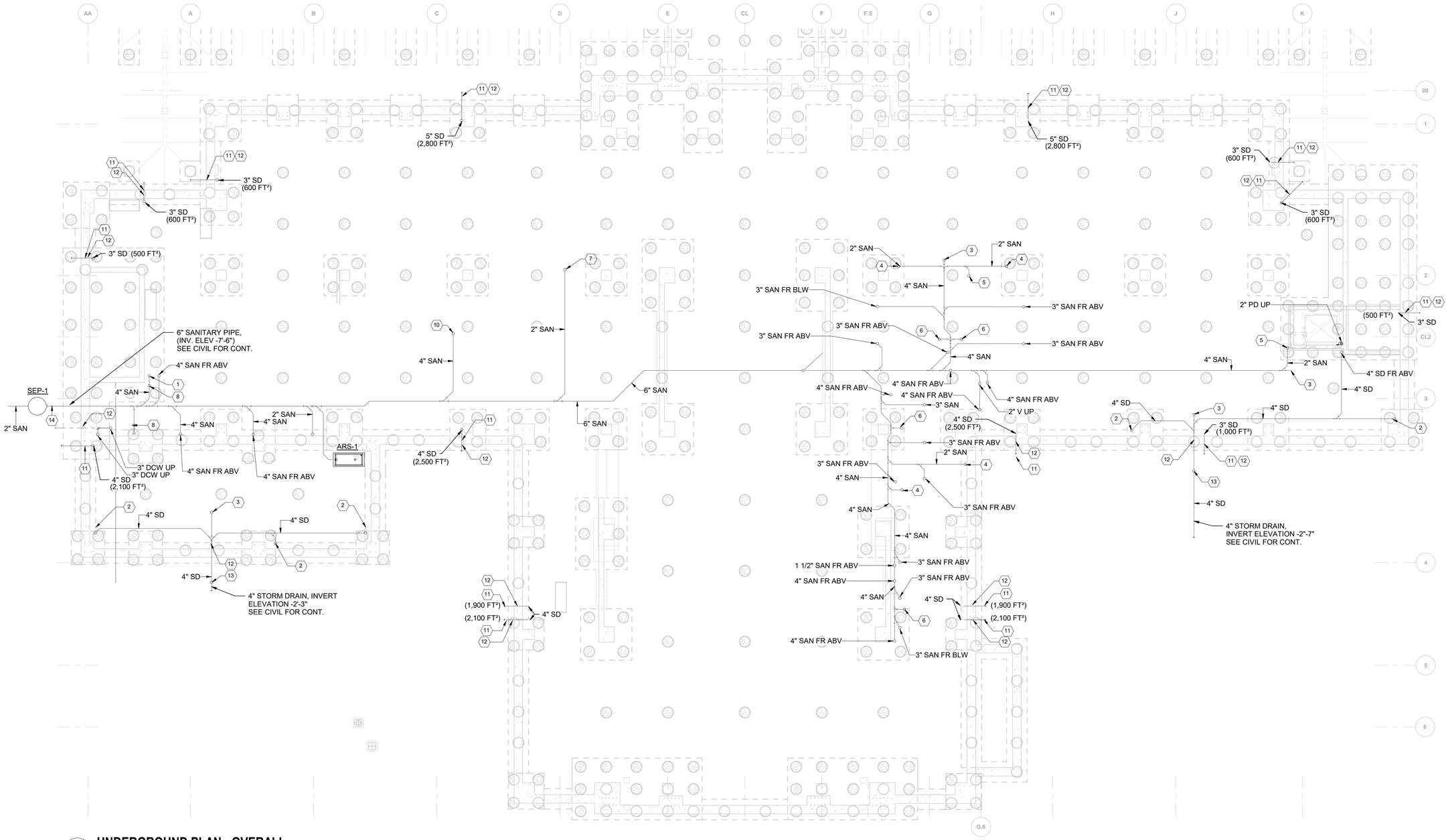
SHEET TITLE:
ABBREVIATIONS, LEGENDS, AND GENERAL NOTES
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
P0.001



1 UNDERGROUND PLAN - OVERALL

1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO PLUMBING SCHEDULES P1.601 FOR EQUIPMENT IDENTIFICATION.
3. OFFSET OF PIPING INSTALLATIONS MAY BE REQUIRED, BUT NOT SHOWN IN ALL OCCURRENCES.

SHEET KEYNOTES

1 4" SANITARY DOWN, ROUTE 2" VENT UP.
2 4" SANITARY FROM TRENCH DRAIN ABOVE.
3 4" SANITARY FROM FLOOR CLEANOUT ABOVE.
4 2" SANITARY FROM LAVATORY ABOVE.
5 2" SANITARY FROM ABOVE.
6 3" SANITARY FROM FLOOR DRAIN ABOVE.
7 2" SANITARY FROM SINK ABOVE.
8 4" SANITARY FROM FLOOR DRAIN ABOVE.
10 3" SANITARY FROM ABOVE.
11 PENETRATE STORM DRAIN PIPING THROUGH EXTERIOR WALL. SEE CIVIL FOR CONTINUATION.
12 PROVIDE SLEEVE WHERE PIPING PASSES UNDER FOUNDATION AND/OR THROUGH WALL.
13 4" STORM FROM GRADE CLEANOUT ABOVE.
14 ROUTE 6" SANITARY PIPING DOWN BELOW SPREAD FOOTING. PIPING TO BE INSULATED ON THE INLET AND DISCHARGE PIPING. ROUTE CONDUIT BELOW GRADE AND INTO THE WATER ENTRY ROOM FOR CONTROL PANEL AND TIE INTO BMS.

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

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PRIMARY:
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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

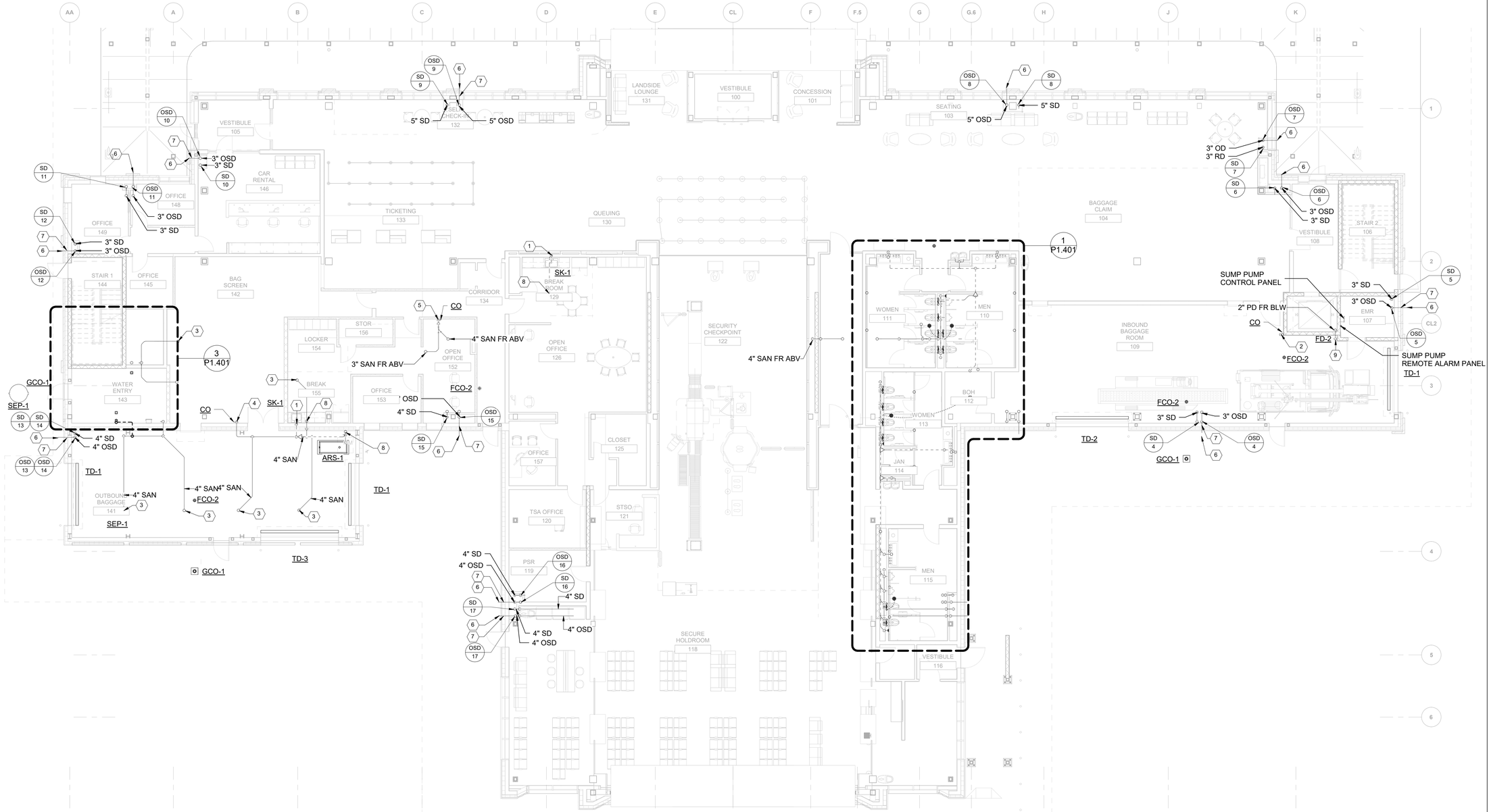
SHEET TITLE:
UNDERGROUND PLAN - OVERALL
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.100



1 PLUMBING - LEVEL 1 - GRAVITY

1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO PLUMBING SCHEDULES P1.601 FOR EQUIPMENT IDENTIFICATION.
3. OFFSET OF PIPING INSTALLATIONS MAY BE REQUIRED, BUT NOT SHOWN IN ALL OCCURRENCES.

SHEET KEYNOTES

1 1-1/2" SANITARY FROM SINK P-TRAP DOWN. ROUTE 2" SANITARY BELOW SLAB. ROUTE 1-1/2" VENT UP.

2 2" SANITARY FROM ABOVE.

3 4" SANITARY FROM FLOOR DRAIN ABOVE.

4 4" SANITARY FROM ABOVE.

5 3" SANITARY FROM ABOVE.

6 PENETRATE OVERFLOW STORM DRAIN PIPING THROUGH EXTERIOR WALL AND TERMINATE DISCHARGE 18" ABOVE GRADE. PROVIDE A DOWNSPOUT NOZZLE.

7 PROVIDE SLEEVE WHERE PIPING PASSES UNDER FOUNDATION AND/OR THROUGH WALL.

8 2" VENT UP

9 ROUTE PUMP DISCHARGE UP FROM BELOW TO FLOOR DRAIN WITH AIR GAP FITTING AND CONNECT TO STORM DRAIN PIPING.

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 - OVERALL PLAN - GRAVITY

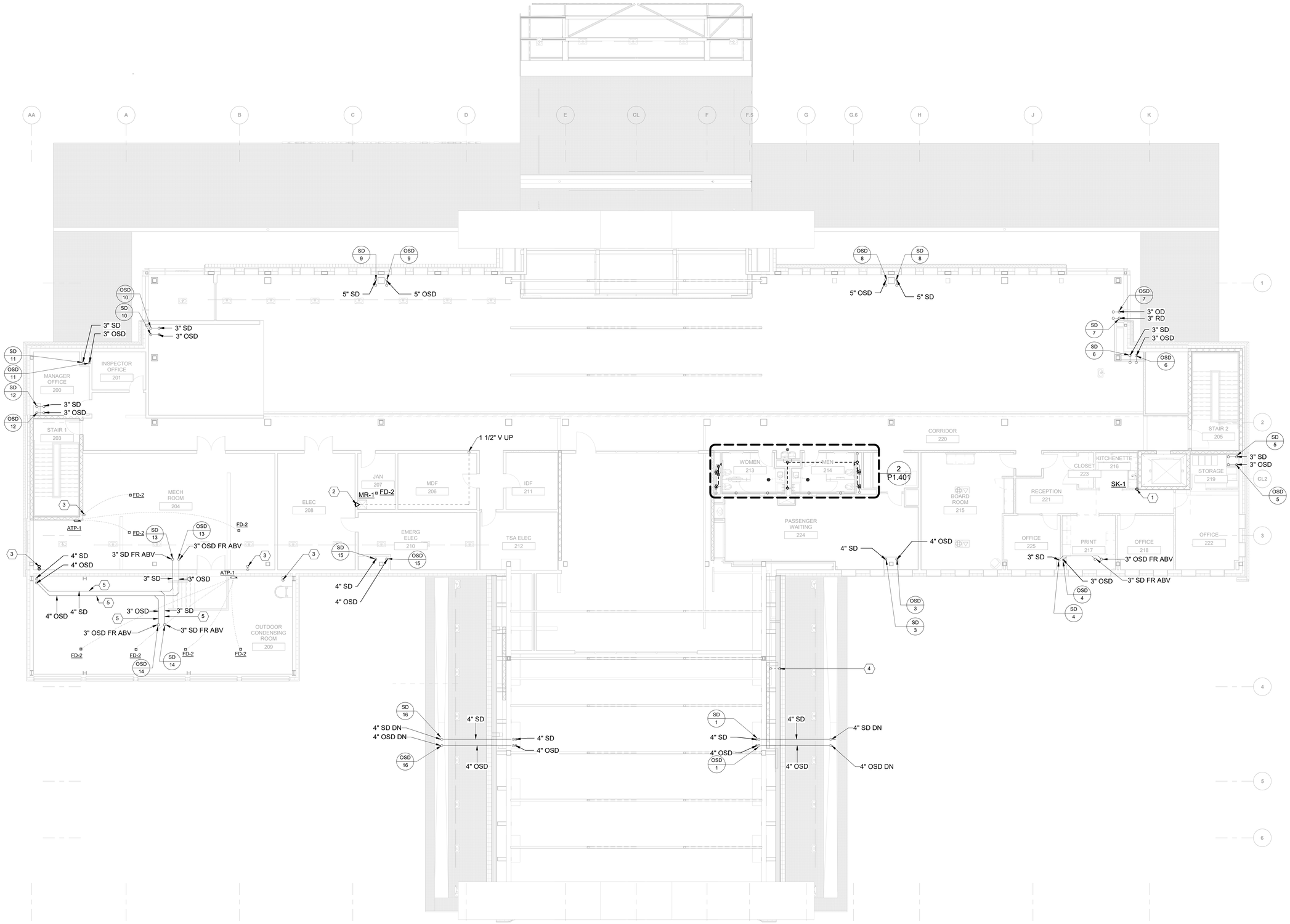
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.101



1 PLUMBING - LEVEL 2 - GRAVITY

1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO PLUMBING SCHEDULES P1.601 FOR EQUIPMENT IDENTIFICATION.
3. OFFSET OF PIPING INSTALLATIONS MAY BE REQUIRED, BUT NOT SHOWN IN ALL OCCURRENCES.

SHEET KEYNOTES

1 1-1/2" SANITARY FROM SINK P-TRAP DOWN. ROUTE 2" SANITARY BELOW SLAB. ROUTE 1-1/2" VENT UP.

2 3" SANITARY FROM MOP SINK DOWN BELOW SLAB. ROUTE 2" VENT UP IN WALL AND UP TO ABOVE.

3 2" VENT UP

4 3" VENT UP TO 3" VTR.

5 SEE HEAT TRACE DETAIL 8/P1.501 AND MECHANICAL HEAT TRACE SCHEDULE.

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 - OVERALL PLAN - GRAVITY

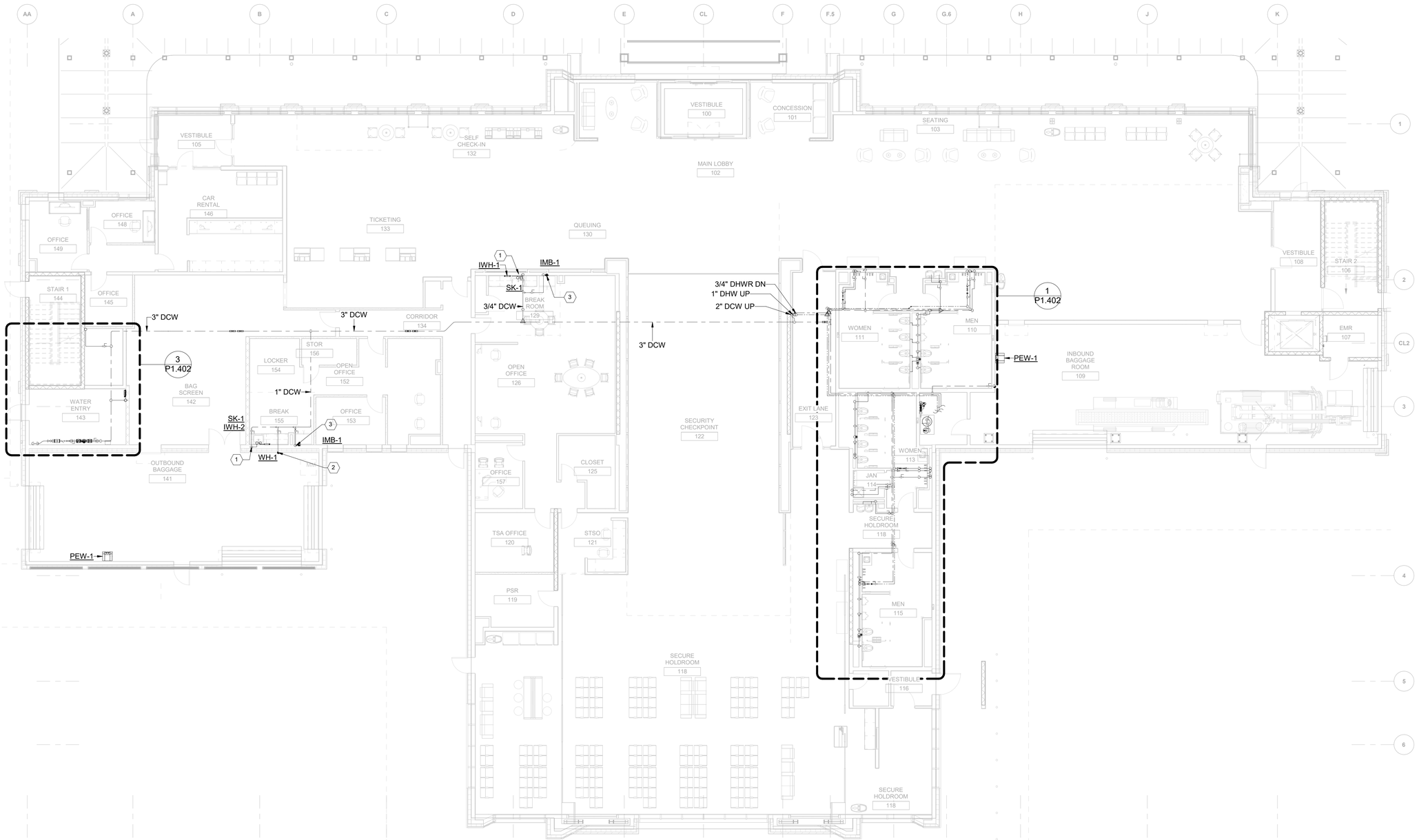
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.201



1 PLUMBING - LEVEL 1 - PRESSURE

1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO PLUMBING SCHEDULES P1.601 FOR EQUIPMENT IDENTIFICATION.
3. OFFSET OF PIPING INSTALLATIONS MAY BE REQUIRED, BUT NOT SHOWN IN ALL OCCURRENCES.

SHEET KEYNOTES

1 ROUTE 1/2" DOMESTIC COLD WATER DOWN. ROUTE 1/2" DOMESTIC COLD WATER TO INLET OF INSTANTANEOUS WATER HEATER MOUNTED BELOW SINK AND UP TO SINK FAUCET. ROUTE 1/2" COLD WATER STUB UP FOR COFFEE MAKER. ROUTE 1/2" DOMESTIC HOT WATER OUT FROM INSTANTANEOUS WATER HEATER UP TO SINK FAUCET. PROVIDE STOPS AND SUPPLIES FOR FAUCET. PROVIDE ISOLATION VALVE AND IN-LINE FILTER FOR COFFEE MAKER. SEE DETAIL 9/P1.502 FOR INSTANTANEOUS WATER HEATER.

2 ROUTE 3/4" DOMESTIC COLD WATER DOWN TO WALL HYDRANT.

3 ROUTE 1/2" DOMESTIC COLD WATER DOWN TO ICE MAKER OUTLET BOX (IMB). PROVIDE ISOLATION VALVE AND IN-LINE FILTER.

GRAPHIC SCALE:
0' 8' 16' 24'

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
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WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 - OVERALL PLAN - PRESSURE

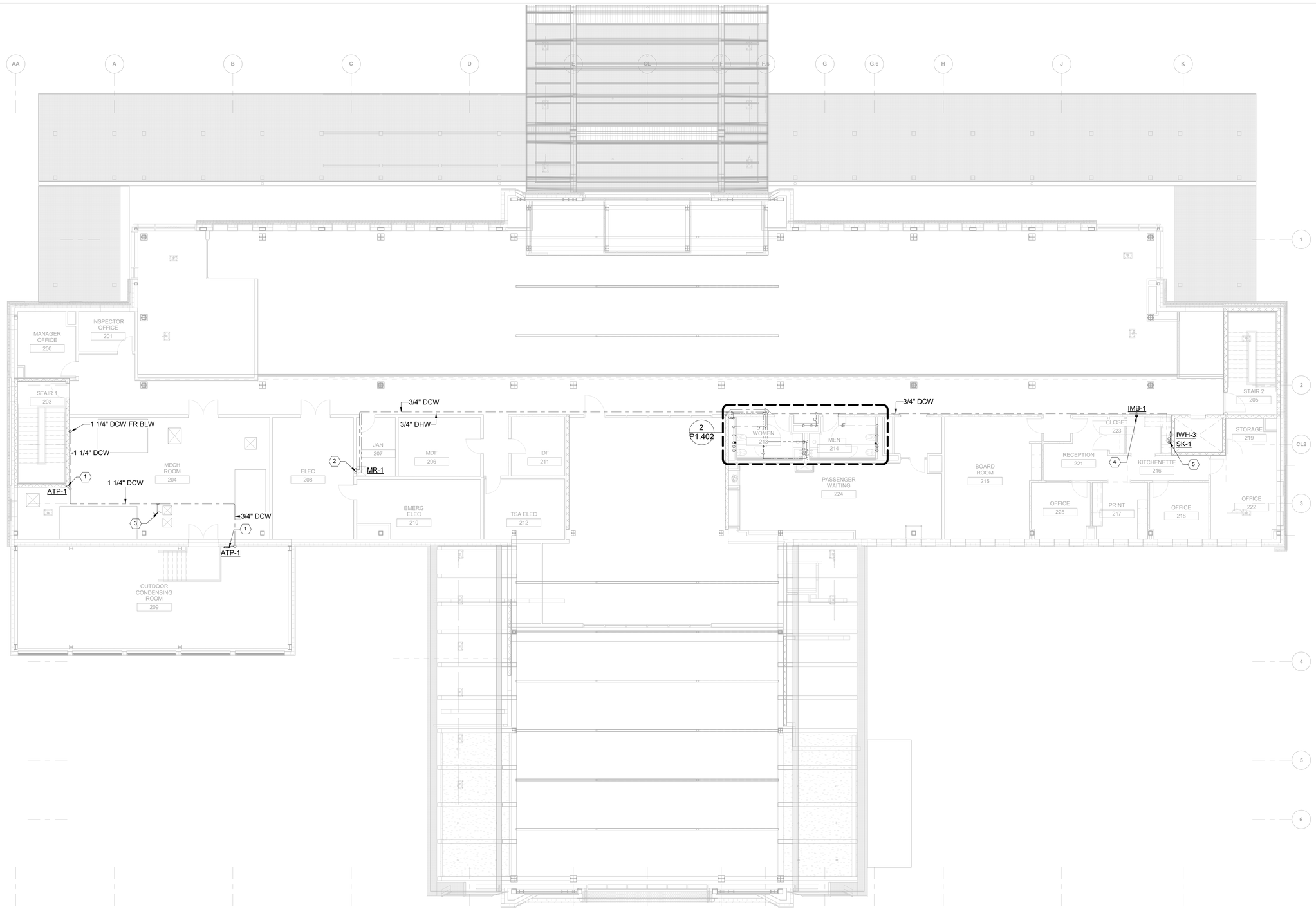
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P2.101



1 PLUMBING - LEVEL 2 - PRESSURE

1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO PLUMBING SCHEDULES P1.601 FOR EQUIPMENT IDENTIFICATION.
3. OFFSET OF PIPING INSTALLATIONS MAY BE REQUIRED, BUT NOT SHOWN IN ALL OCCURRENCES.

SHEET KEYNOTES

1 ROUTE 3/4" DOMESTIC COLD WATER TO TRAP PRIMER DISTRIBUTION UNIT. ROUTE 1/2" DOMESTIC COLD WATER TO TRAP PRIMER CONNECTION INLET OF FLOOR DRAIN(S)

2 ROUTE 3/4" DOMESTIC COLD AND HOT WATER DOWN TO MOP SINK FAUCET.

3 ROUTE DOMESTIC COLD WATER TO MECHANICAL EQUIPMENT FOR MAKE-UP WATER. PROVIDE ISOLATION VALVE AND BACKFLOW PREVENTER.

SHEET KEYNOTES

4 ROUTE 1/2" DOMESTIC COLD WATER DOWN TO ICE MAKER OUTLET BOX (IMB). PROVIDE ISOLATION VALVE AND IN-LINE FILTER.

5 ROUTE 1/2" DOMESTIC COLD WATER DOWN. ROUTE 1/2" DOMESTIC COLD WATER TO INLET OF INSTANTANEOUS WATER HEATER MOUNTED BELOW SINK AND UP TO SINK FAUCET. ROUTE 1/2" COLD WATER STUB UP FOR COFFEE MAKER. ROUTE 1/2" DOMESTIC HOT WATER OUT FROM INSTANTANEOUS WATER HEATER UP TO SINK FAUCET. PROVIDE STOPS AND SUPPLIES FOR FAUCET. PROVIDE ISOLATION VALVE AND IN-LINE FILTER FOR COFFEE MAKER. SEE DETAIL 9/P1.502 FOR INSTANTANEOUS WATER HEATER.

GRAPHIC SCALE:
0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 - OVERALL PLAN - PRESSURE

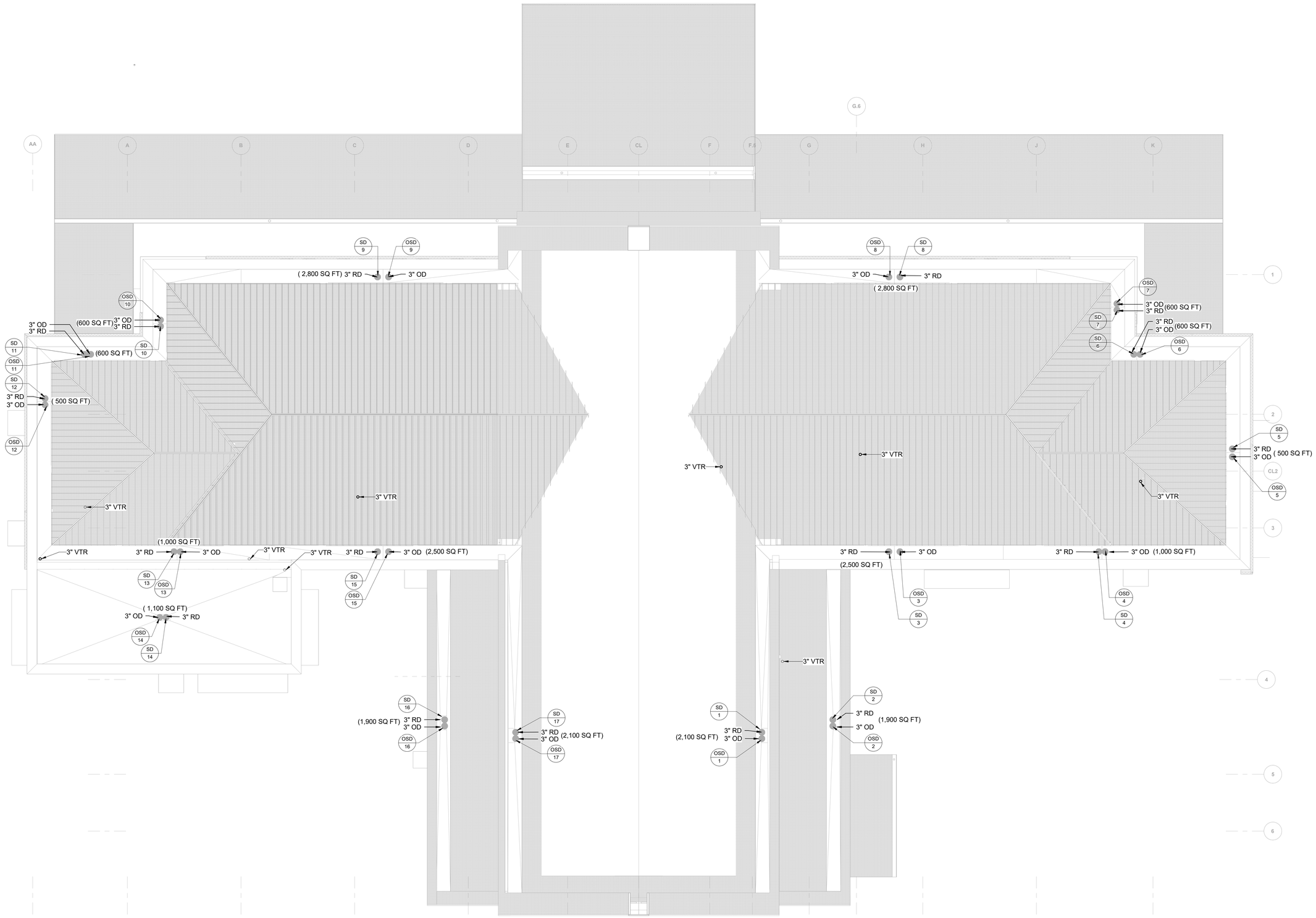
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P2.201



1 PLUMBING - OVERALL ROOF PLAN

1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO PLUMBING SCHEDULES P1.601 FOR EQUIPMENT IDENTIFICATION.
3. OFFSET OF PIPING INSTALLATIONS MAY BE REQUIRED, BUT NOT SHOWN IN ALL OCCURRENCES.

GRAPHIC SCALE:
0' 16' 32' 48'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ROOF PLAN - PLUMBING

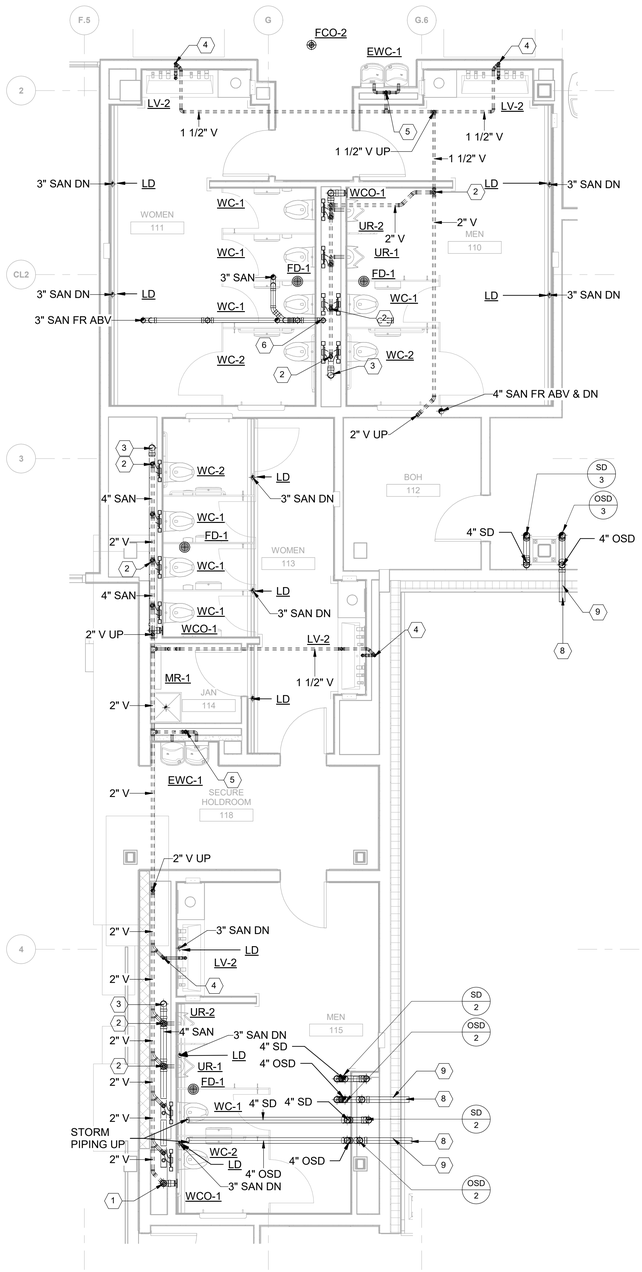
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

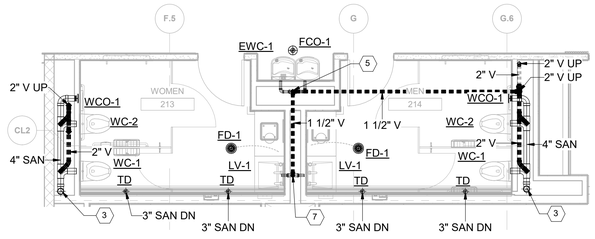
SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.301



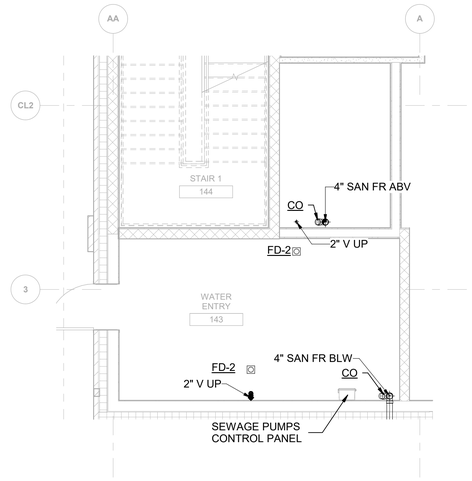
ENLARGED SCALED - LEVEL 1 RESTROOM - GRAVITY

1 1/4" = 1'-0"



ENLARGED SCALED - LEVEL 2 RESTROOM - GRAVITY

2 1/4" = 1'-0"



ENLARGED SCALED - MECHANICAL ROOM - GRAVITY

3 1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO PLUMBING SCHEDULES P1.601 FOR EQUIPMENT IDENTIFICATION.
3. OFFSET OF PIPING INSTALLATIONS MAY BE REQUIRED, BUT NOT SHOWN IN ALL OCCURRENCES.

SHEET KEYNOTES

1 4" SANITARY DOWN, ROUTE 2" VENT UP.

2 2" VENT UP

3 4" SANITARY DOWN.

4 1-1/2" SANITARY FROM LAVATORY P-TRAP DOWN. ROUTE 2" SANITARY BELOW SLAB. ROUTE 1-1/2" VENT UP.

5 1-1/4" SANITARY FROM ELECTRIC WATER COOLER. ROUTE 2" SANITARY DOWN BELOW FLOOR. ROUTE 1-1/2" VENT UP.

6 4" SANITARY FROM ABOVE.

7 1-1/2" SANITARY FROM LAVATORY P-TRAP DOWN. ROUTE 1-1/2" VENT UP.

8 PENETRATE OVERFLOW STORM DRAIN PIPING THROUGH EXTERIOR WALL AND TERMINATE DISCHARGE 18" ABOVE GRADE. PROVIDE A DOWNSPOUT NOZZLE.

9 PROVIDE SLEEVE WHERE PIPING PASSES UNDER FOUNDATION AND/OR THROUGH WALL.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED SCALED - GRAVITY
BID DOCUMENTS

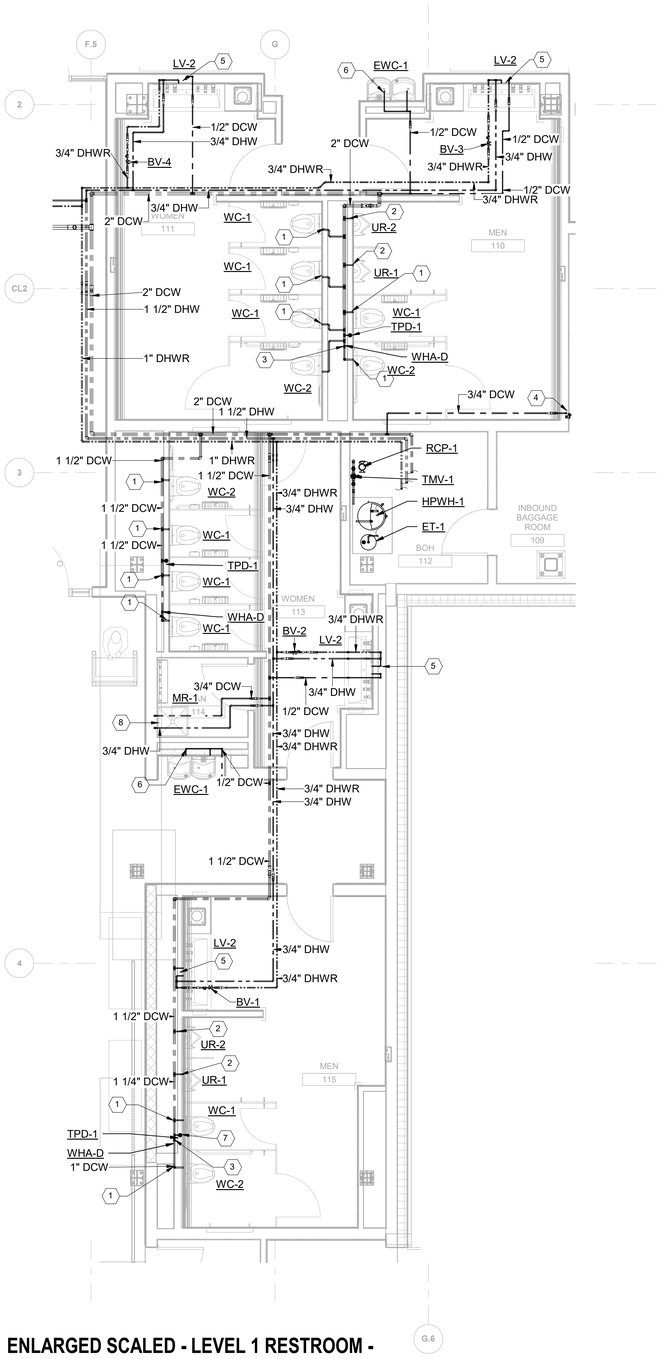
DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

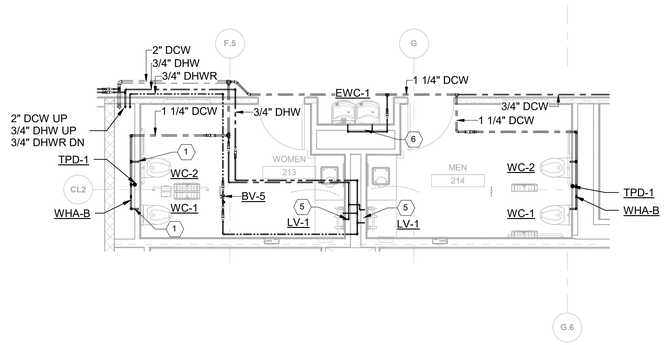
SHEET NUMBER:
P1.401

GRAPHIC SCALE: 0' 16' 32' 48'



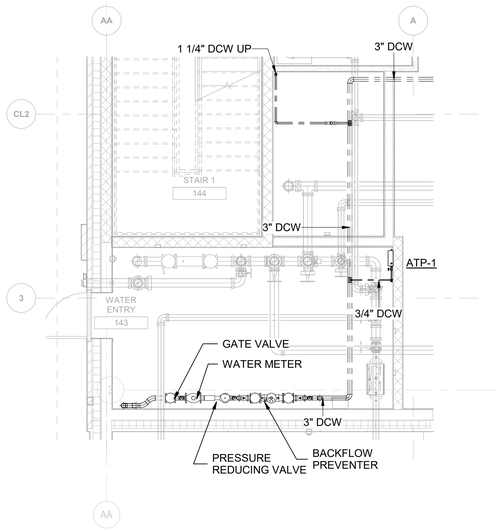
1 ENLARGED SCALED - LEVEL 1 RESTROOM - PRESSURE

1/4" = 1'-0"



2 ENLARGED SCALED - LEVEL 2 RESTROOM - PRESSURE

1/4" = 1'-0"



3 ENLARGED SCALED - MECHANICAL ROOM - PRESSURE

1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO PLUMBING SCHEDULES P1.601 FOR EQUIPMENT IDENTIFICATION.
3. OFFSET OF PIPING INSTALLATIONS MAY BE REQUIRED, BUT NOT SHOWN IN ALL OCCURRENCES.

SHEET KEYNOTES

1 ROUTE 1" DOMESTIC WATER ABOVE FLOOR TO INLET OF WATER CLOSET FLUSHVALVE (TYP.).

2 ROUTE 3/4" ABOVE FLOOR TO INLET OF URINAL FLUSHVALVE (TYP.).

3 PROVIDE WATER HAMMER ARRESTOR (WHA-D) PER THE PLUMBING & DRAINAGE INSTITUTE REQUIREMENTS. PROVIDE ACCESS PANEL.

4 ROUTE 3/4" DOMESTIC COLD WATER DOWN TO WALL HYDRANT.

5 ROUTE 1/2" DOMESTIC COLD AND HOT WATER UP TO LAVATORY FAUCET. PROVIDE STOPS AND SUPPLIES FOR FAUCET. PROVIDE POINT OF USE THERMOSTATIC MIXING VALVE COMPLYING WITH ASSE 1070 (TYP.).

6 ROUTE 1/2" DOMESTIC WATER DOWN TO INLET OF ELECTRIC WATER COOLER (EWC-1). PROVIDE IN-LINE FILTER AND ISOLATION VALVE.

7 ROUTE 3/4" DOMESTIC COLD WATER TO TRAP PRIMER DISTRIBUTION UNIT. ROUTE 1/2" DOMESTIC COLD WATER TO TRAP PRIMER CONNECTION INLET OF FLOOR DRAIN(S)

8 ROUTE 3/4" DOMESTIC COLD AND HOT WATER DOWN TO MOP SINK FAUCET.

GRAPHIC SCALE:
0' 16' 32' 48'

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

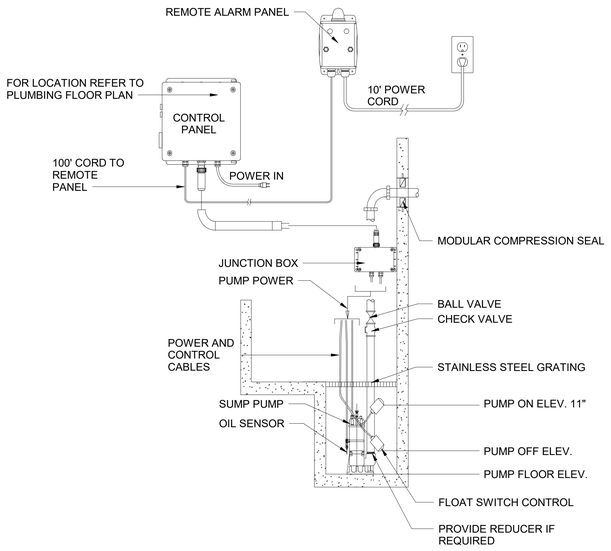
SHEET TITLE:
ENLARGED SCALED - PRESSURE
BID DOCUMENTS

DISCIPLINE:
PLUMBING

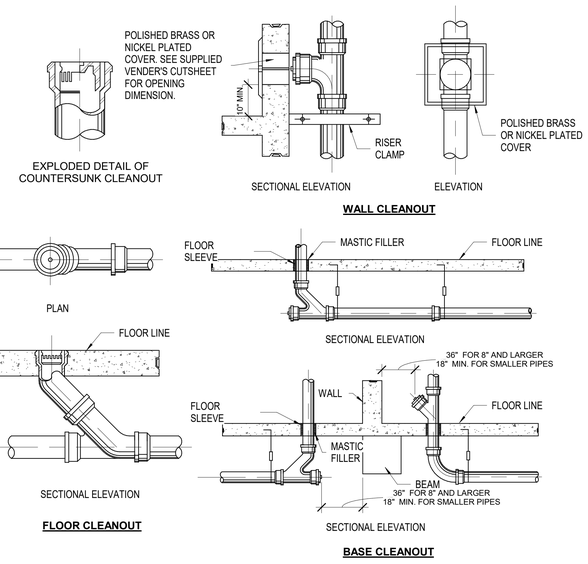
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.402



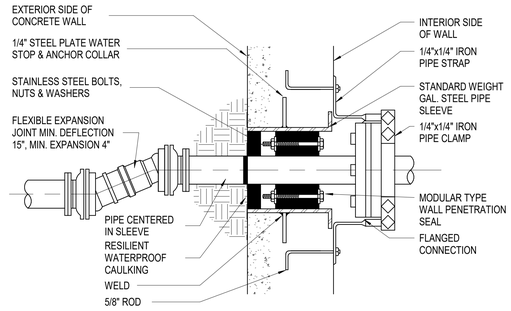
1 ELEVATOR SUMP PUMP
NTS



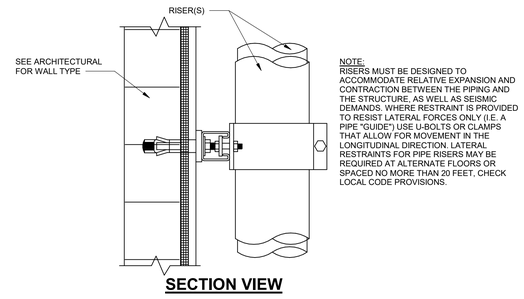
2 FLOOR, WALL AND BASE CLEANOUT
NTS

GENERAL NOTES:

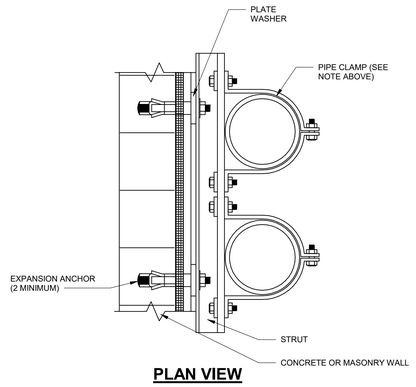
1. DETAILS ARE DIAGRAMMATIC IN NATURE AND MAY NOT REFLECT EVERY ACCESSORY AND/OR EXACT CONFIGURATION OF PIPING. CONTRACTOR SHALL INSTALL ACTUAL EQUIPMENT AND PIPING BASED ON ALL REQUIREMENTS INCLUDING MANUFACTURERS INSTALLATION INSTRUCTIONS, CODE REQUIREMENT, DESIGN DRAWINGS AND SPECIFICATIONS.



3 PIPE PENETRATION THROUGH WALLS BELOW GRADE
NTS

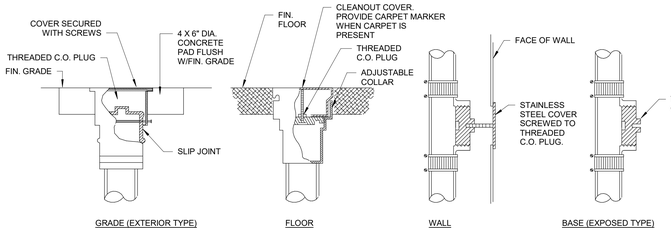


SECTION VIEW

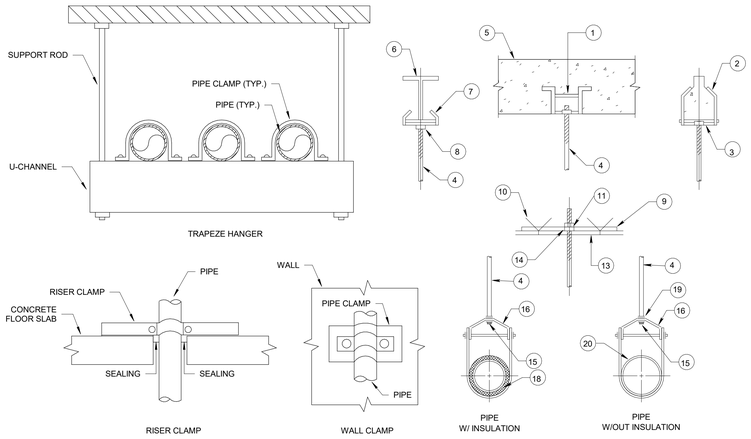


PLAN VIEW

4 WALL BRACE DETAIL
NTS



5 CLEANOUT DETAILS
NTS

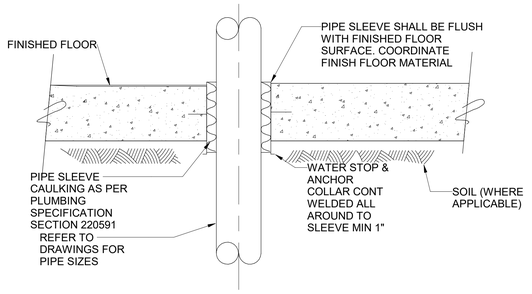


NOTES:

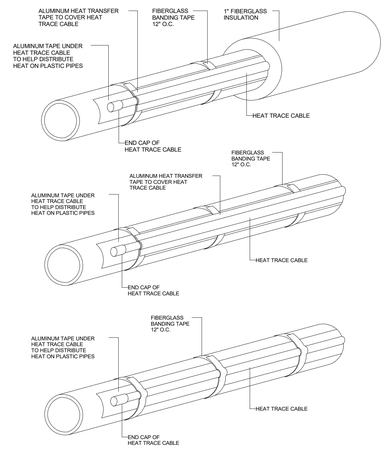
1. HEAVY DUTY CONCRETE STEEL INSERT WITH ELONGATED STRAP.
2. CONCRETE JOIST SEE PROJECT PLANS.
3. HEAVY DUTY CONCRETE JOIST CLAMP.
4. HANGER ROD
5. CONCRETE SLAB SEE PROJECT PLANS.
6. STRUCTURAL STEEL BEAMS SEE PROJECT PLANS FOR SIZE.
7. HEAVY DUTY BEAM CLAMP.
8. EYE SOCKET
9. ONE ANGLE ON EACH SIDE OF WEB MEMBERS REST ON BOTTOM CHORDS GWSN BETWEEN PANEL POINTS. SIZE FOR LOAD.
10. WEB MEMBERS
11. HANGER NUT
12. WELDS
13. BOTTOM CHORD
14. BENT STRAP 1 1/2" 3/16" OVER VERTICAL LESS ANGLES.
15. SUPPORT NUT
16. HEAVY DUTY CLEVIS HANGER
17. INSULATION WHERE SPECIFIED SHALL BUTT AGAINST PIPE HANGERS.
18. PIPE
19. LOCKING NUT
20. BARRIER INSULATION

NOMINAL PIPE SIZE		1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18
	STEEL PIPE	7	7	9	10	11	12	13	14	16	17	19	20	23	25	27	28
	PVC PIPE	9	9	12	13	14	15	16	17	19	21	24	26	30	32	35	37
HANGER RODS	RECOMMENDED DIAMETER	3/8				1/2			5/8		3/4		1				
	MAX. RATED LOAD	610				1130			1810		2710		4960				

6 PIPE SUPPORT DETAIL
NTS



7 PIPING PENETRATION THROUGH FLOOR SLEEVE AT GRADE
NTS



8 HEAT TRACING DETAILS
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
DETAILS

BID DOCUMENTS

DISCIPLINE:
PLUMBING

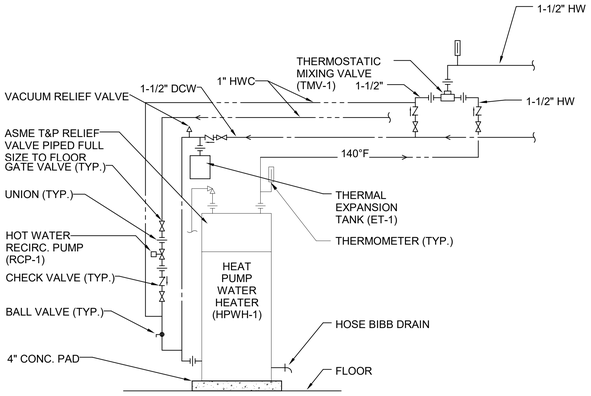
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.501

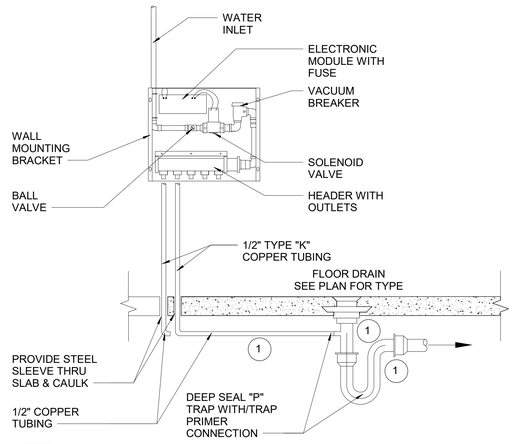
GENERAL NOTES:

1. DETAILS ARE DIAGRAMMATIC IN NATURE AND MAY NOT REFLECT EVERY ACCESSORY AND/OR EXACT CONFIGURATION OF PIPING. CONTRACTOR SHALL INSTALL ACTUAL EQUIPMENT AND PIPING BASED ON ALL REQUIREMENTS INCLUDING MANUFACTURERS INSTALLATION INSTRUCTIONS, CODE REQUIREMENT, DESIGN DRAWINGS AND SPECIFICATIONS.



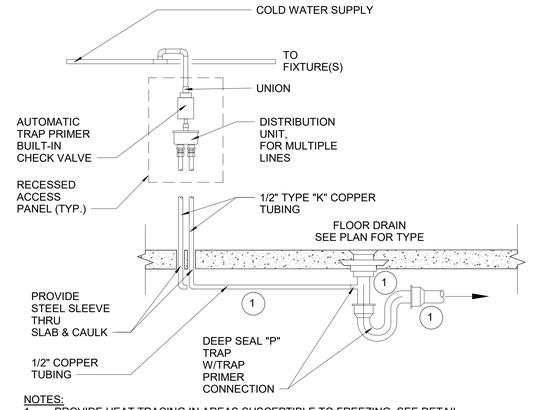
NOTES:
1. PROVIDE MINIMUM CLEARANCE AROUND UNIT PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE ALL ASSOCIATED COMPONENTS AS RECOMMENDED BY THERMOSTATIC MIXING VALVE MANUFACTURER FOR SYSTEM BALANCING. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR PROPER OPERATION AND SETUP.

1 HEAT PUMP WATER HEATER DETAIL (HPWH-1
NTS



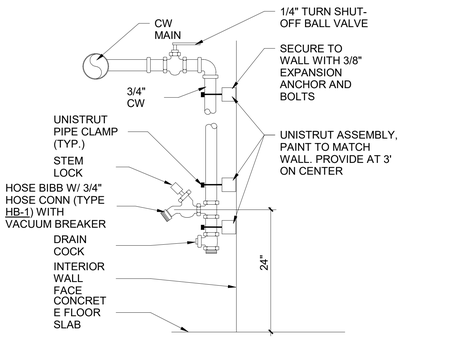
NOTES:
1. PROVIDE HEAT TRACING IN AREAS SUSCEPTIBLE TO FREEZING, SEE DETAIL 8/P1.501.

2 AUTOMATIC TRAP PRIMER DETAIL (ATP)
NTS



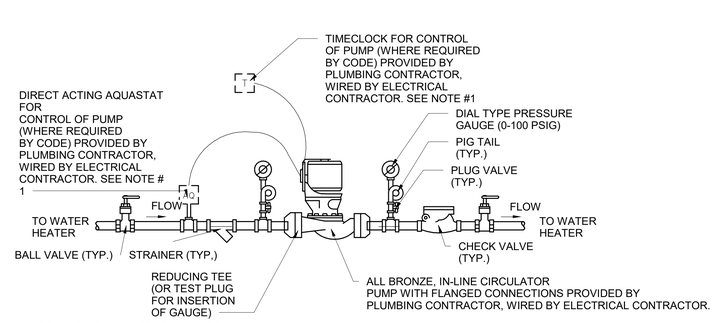
NOTES:
1. PROVIDE HEAT TRACING IN AREAS SUSCEPTIBLE TO FREEZING, SEE DETAIL 8/P1.501.

3 TRAP PRIMER DISTRIBUTION DETAIL (TPD)
NTS



GENERAL NOTES:
ALL EXPOSED DOMESTIC WATER PIPING SHALL BE INSULATED PER SPECIFICATIONS

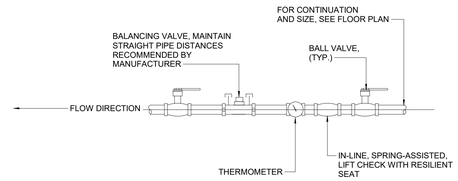
4 EXPOSED HOSE BIBB
NTS



CIRCULATING PUMP GENERAL NOTE:

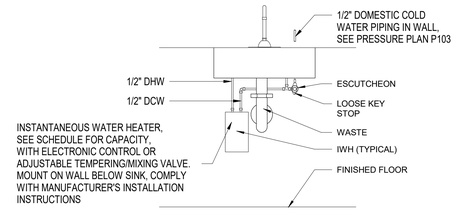
1. THE DOMESTIC WATER CIRCULATION PUMP SHOULD RUN CONTINUOUSLY TO PREVENT TO GROWTH OF LEGIONELLA BACTERIA IN THE PIPE RUNS. THIS PUMP SHOULD BE EXCLUDED FROM ENERGY CONSERVATION MEASURES. REFER TO OSHA TECHNICAL MANUAL, SECTION II, CHAPTER 7. AQUA STAT AND TIMECLOCK SHALL NOT BE PROVIDED UNLESS SPECIFIED BY LOCAL CODE OFFICIAL IN WRITING.

5 TYPICAL DOMESTIC HOT WATER RECIRCULATING PUMP SCHEMATIC
NTS



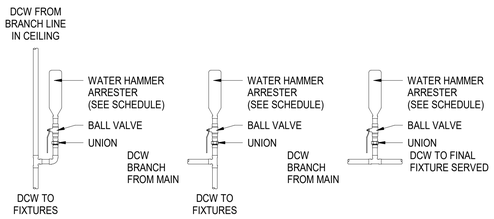
NOTE: THIS VALVE ASSEMBLY APPLIES WHERE "BALANCING VALVE", "BV", AND/OR ITS ASSOCIATED SYMBOL IS INDICATED ON PLANS AND RISER DIAGRAMS.

6 BALANCING VALVE ASSEMBLY DETAIL
NTS



PROVIDE INSULATION ON ALL DHW PIPING IN ACCORDANCE WITH CURRENT ASHRAE 90.1 REQUIREMENTS.

8 INSTANTANEOUS WATER HEATER DETAIL
NTS



NOTE: SHOCK ABSORBERS (WATER HAMMER ARRESTERS) INSTALLED ABOVE CEILING SHALL BE POSITIONED IN ACCESSIBLE LOCATIONS WITH ACCESS PANELS PROVIDED AS NEEDED. ALL SHOCK ABSORBERS INSTALLED WITHIN WALLS OR CHASES SHALL BE PROVIDED WITH ACCESS PANELS TO ALLOW FOR VALVE CLOSURE AND REMOVAL OF SHOCK ABSORBER.

7 WATER HAMMER ARRESTOR DETAIL
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

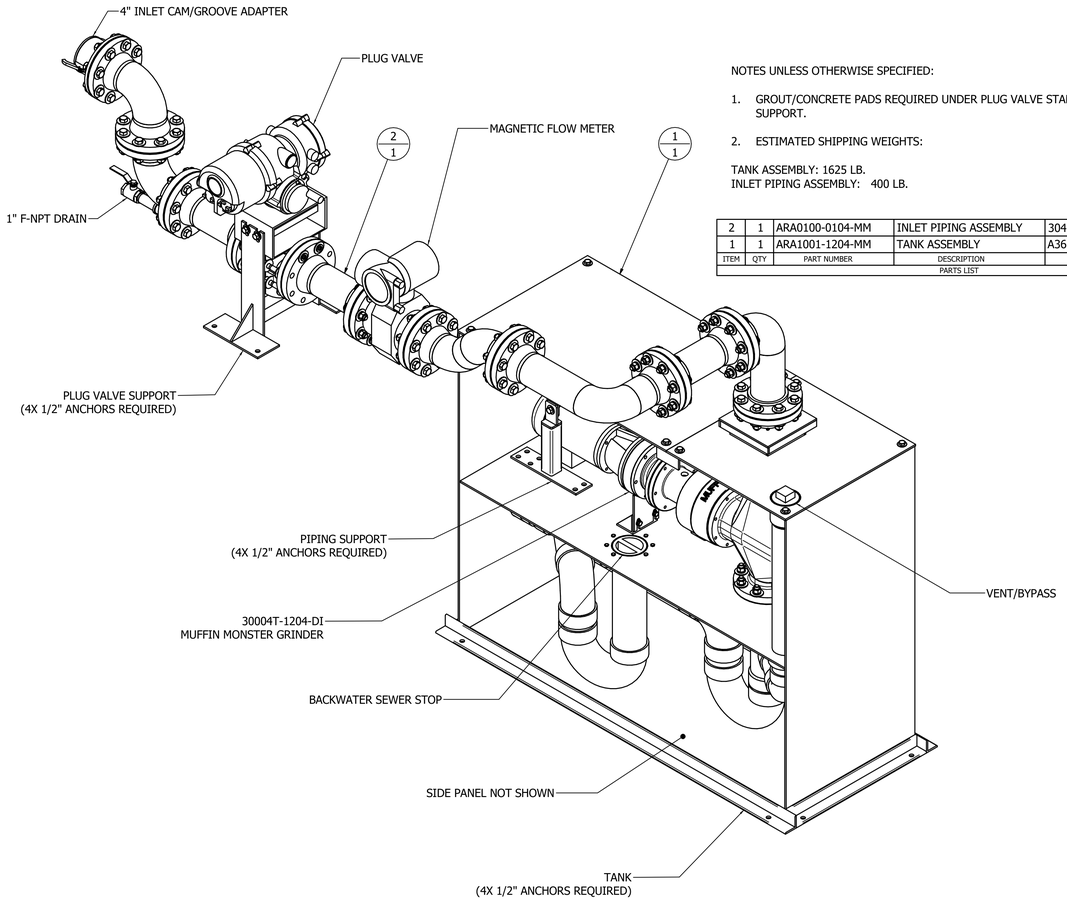
SHEET TITLE:
DETAILS
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.502



NOTES UNLESS OTHERWISE SPECIFIED:

1. GROUT/CONCRETE PADS REQUIRED UNDER PLUG VALVE STAND AND PIPING SUPPORT.
2. ESTIMATED SHIPPING WEIGHTS:

TANK ASSEMBLY: 1625 LB.
INLET PIPING ASSEMBLY: 400 LB.

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
			PARTS LIST	
2	1	ARA0100-0104-MM	INLET PIPING ASSEMBLY	304 SST/316 SST
1	1	ARA1001-1204-MM	TANK ASSEMBLY	A36 STL/304 SST/316 SST

GENERAL NOTES:

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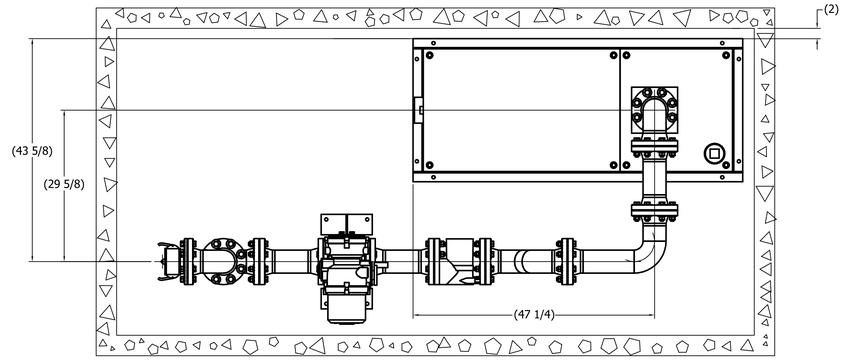
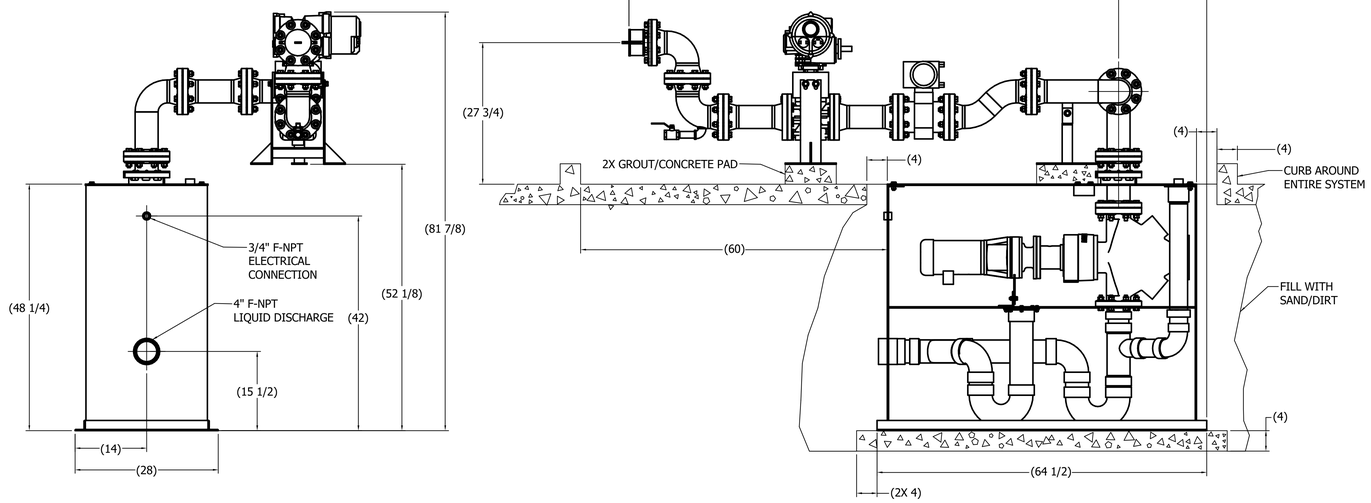


1 AIRPORT RECEIVING SYSTEM (ARS)
NTS



2 AIRPORT RECEIVING SYSTEM (ARS) - SECTION
NTS

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

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BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.503

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MATERIAL	PIPE SIZE (INCHES)				REMARKS	BASIS OF DESIGN	
			WASTE	VENT	DCW	DHW		MANUFACTURER	MODEL
WC-1	WATER CLOSET - WALL HUNG	VITREOUS CHINA	4"	2"	1"	-	WALL MOUNTED, ELONGATED BOWL, 1.28 GPF, SENSOR OPERATED, INFRARED, HARD-WIRED	SLOAN	WETS-2450.1411 FLUSHVALVE: ECOS 111-1.28-HW
WC-2	WATER CLOSET - WALL HUNG - ADA	VITREOUS CHINA	4"	2"	1"	-	WALL MOUNTED, ELONGATED BOWL, ADA COMPLIANT, 1.28 GPF, SENSOR OPERATED, INFRARED, HARD-WIRED	SLOAN	WETS-2450.1411 FLUSHVALVE: ECOS 111-1.28-HW
UR-1	URINAL	VITREOUS CHINA	2"	1-1/2"	3/4"	-	0.125 GPF, SENSOR OPERATED, INFRARED, HARD-WIRED ELECTRONIC FLUSH VALVE	SLOAN	WEUS-100.1411 FLUSHVALVE: ECOS 186 HW-0.125-OR-HW
UR-2	URINAL - ADA	VITREOUS CHINA	2"	1-1/2"	3/4"	-	0.125 GPF, SENSOR OPERATED, INFRARED, HARD-WIRED ELECTRONIC FLUSH VALVE. ADA COMPLIANT	SLOAN	WEUS-100.1411 FLUSHVALVE: ECOS 186 HW-0.125-OR-HW
LV-1	LAVATORY - ONE STATION	CORIAN/QUARTZ	1-1/2"	1-1/2"	1/2"	1/2"	0.5 GPM, ADA COMPLIANT, SENSOR OPERATED, INFRARED, HARD-WIRED ELECTRONIC FAUCET, MULTI LAMINAR SPRAY	SLOAN	AD-81000 BASYS FAUCET: EFX-250
LV-2	LAVATORY - TWO STATION	CORIAN/QUARTZ	1-1/2"	1-1/2"	1/2"	1/2"	0.5 GPM, ADA COMPLIANT, SENSOR OPERATED, INFRARED, HARD-WIRED ELECTRONIC FAUCET, MULTI LAMINAR SPRAY	SLOAN	AD-82000 FAUCET: EFX-250
MR-1	MOP RECEPTOR	PRECAST - TERRAZZO	3"	1-1/2"	1/2"	1/2"	FLOOR MOUNTED TERRAZZO BASIN. WALL MOUNTED MIXING FAUCET WITH WRIST BLADE HANDLES, VACUUM BREAKER, PAIL HOOK, WALL GUARDS, THREADED SPOUT AND 3FT OF BRAIDED HOSE.	STERN WILLIAMS	HL-1800 FAUCET: T-15 VB
SK-1	SINK - SINGLE COMPARTMENT	STAINLESS STEEL	1-1/2"	1-1/2"	1/2"	1/2"	SINGLE COMPARTMENT, STAINLESS STEEL DROP-IN, GARBAGE DISPOSER - 3/4 HP, 1.0 GPM MANUALLY OPERATED, PULL DOWN SPRAY, SWIVEL SPOUT	ELKAY	CR3122 FAUCET: PEERLESS P7946LF-1.0
EWC-1	ELECTRIC WATER COOLER	STAINLESS STEEL	1-1/2"	1-1/2"	1/2"	1/2"	BI-LEVEL, ADA COMPLIANT, 8.0 GPH OF 50°F WATER WITH BOTTLE FILLER	ELKAY	LZSTL8WSSP
IMB-1	ICE MAKER BOX	METAL	-	-	1/2"	-	FIRE RATED, PROVIDED WITH WATER HAMMER ARRESTOR	PRECISION PLUMBING PRODUCTS	MM-500PIMBFR
PEW-1	PORTABLE EMERGENCY FACEWASH	ABS	-	-	-	-	AQUA GUARD GRAVITY-FLOW, 16 GALLON CAPACITY. PROVIDE WITH G1540BA 8 oz BOTTLE OF BACTERIOSTATIC ADDITIVE, WITH ZINC PLATED STEEL BRACKET, HEATED ORANGE INSULATION JACKET	GUARDIAN EQUIPMENT	G1540HTR
WH-1	WALL HYDRANT	CHROME-PLATED	-	-	3/4"	-	WITH INTEGRAL VACUUM BREAKER	MIFAB	HY-5000-NPB
GD-1	FOOD WASTE DISPOSER	ALUMINUM POLISHED	1-1/2"	-	-	-	SOUNDSEAL TECHNOLOGY, MULTIGRIND, COMPACT - 3/4 HP, 120 VOLTS, 60Hz	INSINKERATOR	EVOLUTION COMPACT
ATP-1	AUTOMATIC TRAP PRIMER	STAINLESS STEEL	-	-	3/4"	-	ATMOSPHERIC VACUUM BREAKER, PRE-SET 24 HOUR ADJUSTABLE TIMER	PRECISION PLUMBING PRODUCTS	PTS-4
TPD-1	TRAP PRIMER DISTRIBUTION UNIT	COMPOSITE BODY	-	-	1/2"	-	AUTOMATIC PRESSURE DROP, FEEDS UP TO 4 FLOOR DRAINS AND DELIVERS A METERED AMOUNT OF WATER	PRECISION PLUMBING PRODUCTS	PRIMER: MPB-500 DISTRIBUTION UNIT: DU-4/500

EXPANSION TANK SCHEDULE

MARK	DESCRIPTION	LOCATION	SYSTEM	CONNECTION SIZE	VOLUME		MAXIMUM WORKING PRESSURE	DIMENSIONS (INCHES)		REMARKS	BASIS OF DESIGN	
					TANK	ACCEPTANCE		DIAMETER	HEIGHT		MANUFACTURER	MODEL
ET-1	EXPANSION TANK	BOH 117	DOMESTIC WATER	3/4"	14.0 GAL	9.0 GAL	150 PSI	16	19		AMTROL	ST-30V

THERMOSTATIC MIXING VALVE SCHEDULE

MARK	DESCRIPTION	SERVICE	FLOW RATE (GPM)	COLD E.W.T (°F.)	HOT E.W.T (°F.)	L.W.T (°F.)	PRESSURE DROP (PSI)	LINE SIZE	REMARKS	BASIS OF DESIGN	
										MANUFACTURER	MODEL
TMV-1	THERMOSTATIC MIXING VALVE	DOMESTIC WATER	18.60	60	140	130	10	1-1/2"		WATTS	LFSH1434

PUMP SCHEDULE

MARK	LOCATION	PUMP TYPE	SERVICE	CAPACITY (GPM)	TDH (FT)	MOTOR		ELECTRICAL DATA	REMARKS	BASIS OF DESIGN	
						HP	RPM	VOLTS/HZ/PH		MANUFACTURER	MODEL
RCP-1	BOH 117	INLINE	HOT WATER RE-CIRCULATION	2.50	25.5	1/12	2650	115/60/1	NOTE 1	BELL & GOSSETT	PL-30
SP-1	ELEVATOR 129	SUBMERSIBLE	ELEVATOR	50	22	1/3	--	120/60/1	NOTE 2	LIBERTY PUMPS	ELV-250
SEP-1	OUTBOUND BAGGAGE 141	SUBMERSIBLE	BUILDING	100	15	2	3450	480/60/3	-	LIBERTY PUMPS	D3600

NOTE:
1. PROVIDE AQUASTAT TO DISABLE PUMP WHEN RETURN WATER TEMPERATURE EXCEEDS SETPOINT.
2. PROVIDE WITH OIL DETECTION KIT WIRED TO BUILDING MANAGEMENT SYSTEM.

DRAIN SPECIALTIES SCHEDULE

MARK	DESCRIPTION	LOCATION	PIPE SIZE	MATERIAL	COMMENTS	BASIS OF DESIGN	
						MANUFACTURER	MODEL
ARS-1	AIRPORT RECEIVING STATION	EQUIPMENT STORAGE 104	4"	CARBON STEEL WITH EPOXY RESIN COATING	CONTAINED, BELOW GRADE, PRE-PLUMBED	JWC ENVIRONMENTAL	ARS-10
FCO-1	FLOOR CLEANOUT	SEE PLANS	3"	EPOXY-COATED CAST IRON	ROUND TOP, HEEL PROOF DUCTILE IRON GRATE	WATTS	CO-200-R
FCO-2	FLOOR CLEANOUT	SEE PLANS	4"	EPOXY-COATED CAST IRON	ROUND TOP, HEEL PROOF DUCTILE IRON GRATE	WATTS	CO-200-R
FD-1	FLOOR DRAIN	RESTROOMS	3"	EPOXY-COATED CAST IRON	ROUND TOP, HEEL PROOF, NICKEL BRONZE STRAINER, WITH TRAP PRIMER CONNECTION	WATTS	FD-1100-B
FD-2	FLOOR DRAIN	MECHANICAL ROOMS	4"	EPOXY-COATED CAST IRON	SQUARE TOP, HEEL PROOF, STAINLESS STEEL STRAINER, WITH TRAP PRIMER CONNECTION	WATTS	FD-1100-M
GCO-1	GRADE CLEANOUT	SEE PLANS	4"	EPOXY-COATED CAST IRON	ROUND TOP, HEEL PROOF	SIOUX CHIEF	834 SERIES
TD-1	TRENCH DRAIN	SEE PLANS	4"	POLYPROPYLENE	6" WIDE ZIP TRENCH, BUILT IN SLOPE OF 0.6%, 4" NO-HUB BOTTOM OUTLET	JAY R. SMITH	9940-M
TD-2	TRENCH DRAIN	SEE PLANS	4"	POLYPROPYLENE	6" WIDE ZIP TRENCH, BUILT IN SLOPE OF 0.6%, 4" NO-HUB BOTTOM OUTLET	JAY R. SMITH	9940-M
TD-3	TRENCH DRAIN	SEE PLANS	4"	POLYPROPYLENE	6" WIDE ZIP TRENCH, BUILT IN SLOPE OF 0.6%, 4" NO-HUB BOTTOM OUTLET	JAY R. SMITH	9940-M
LD	LINEAR DRAIN	SEE PLANS	3"	POLYPROPYLENE	POLISHED STAINLESS STEEL CHANNEL, TILE INSERT FRAME	JAY R. SMITH	9940-M
WCO-1	WALL CLEANOUT	SEE PLANS	SEE PLANS	CAST IRON	BRASS COUNTERSUNK PLUG, STAINLESS STEEL ACCESS COVER, VANDAL PROOF SCREW	INFINITY DRAIN	S-TIFAS 99
RD-1	ROOF DRAIN	SEE PLANS	-	DURA-COATED CAST IRON	DOUBLE DECK PLATE W/SECURING HOLES, GRAVEL STOP FOR ROOF DRAINS WITH CAST IRON DOME	--	--
OD-1	OVERFLOW DRAIN	SEE PLANS	-	DURA-COATED CAST IRON	DOUBLE DECK PLATE W/SECURING HOLES, GRAVEL STOP FOR ROOF DRAIN AND EXTERNAL WATER DAM FOR OVERFLOW, BOTH WITH CAST IRON DOME	--	--

HEAT PUMP WATER HEATER SCHEDULE

MARK	LOCATION	SERVICE	STORAGE CAPACITY (GAL)	RECOVERY AT 90°F RISE, (GPM)	INPUT (KW)	VOLTS/HZ/PH	REMARKS	BASIS OF DESIGN	
								MANUFACTURER	MODEL
HPWH-1	BOH 117	RESTROOMS	66	73	--	120V/60Hz/1PH	PLUG-IN HYBIRD	AO SMITH	HPTV-80

INSTANTANEOUS WATER HEATER SCHEDULE

MARK	DESCRIPTION	LOCATION	RECOVERY		ELEMENT DATA				REMARKS	BASIS OF DESIGN	
			TEMP. RISE	GPM	KW	V	PH	Hz		MANUFACTURER	MODEL
IWH-1	INSTANTANEOUS WATER HEATER	BREAK ROOM 129	70 °F	1.0	11.0	277	1	60 Hz	HEATER WITH INTEGRATED THERMOSTATIC MIXING VALVE MEETING ASSE 1070 COMPLIANCY, ULTRA LOW FLOW ACTIVATION	CHRONOMITE	CMI-40L/277
IWH-2	INSTANTANEOUS WATER HEATER	BREAK 155	70 °F	1.0	11.0	277	1	60 Hz	HEATER WITH INTEGRATED THERMOSTATIC MIXING VALVE MEETING ASSE 1070 COMPLIANCY, ULTRA LOW FLOW ACTIVATION	CHRONOMITE	CMI-40L/277
IWH-3	INSTANTANEOUS WATER HEATER	KITCHENETTE 216	70 °F	1.0	11.0	277	1	60 Hz	HEATER WITH INTEGRATED THERMOSTATIC MIXING VALVE MEETING ASSE 1070 COMPLIANCY, ULTRA LOW FLOW ACTIVATION	CHRONOMITE	CMI-40L/277

WATER HAMMER ARRESTOR SCHEDULE

P.D.I. SYMBOLS	A	B	C	D	E	F	REMARKS	MANUFACTURER	MODEL
FIXTURE UNIT	1-11	12-32	33-60	61-113	114-154	155-330	PISTON TYPE	WATTS	LF-15M2

PIPE ACCESSORY SCHEDULE

MARK	DESCRIPTION	CAPACITY (GPM)	MIN. FLOW (GPM)	COLD E.W.T (F)	HOT E.W.T. (F)	L.W.T. (F)	CIRCULATION E.W.T (F)	MAX. PRESSURE DROP (PSIG)	LINE SIZE (IN)
BFP-1	REDUCED PRESSURE BACKFLOW PREVENTER	152.56							3"
BV-1	BALANCING VALVE	0.50	-	-	-	-	-	1	SEE PLANS
BV-2	BALANCING VALVE	0.25	-	-	-	-	-	1	SEE PLANS
BV-3	BALANCING VALVE	0.75	-	-	-	-	-	1	SEE PLANS
BV-4	BALANCING VALVE	0.25	-	-	-	-	-	1	SEE PLANS
BV-5	BALANCING VALVE	0.75	-	-	-	-	-	1	SEE PLANS
PRV-1	PRESSURE REDUCING VALVE W/ STRAINER	152.56		40					3"
TMV-1	THERMOSTATIC MIXING VALVE	18.60	1.0	40	140		130	10	1-1/2"
WM-1	WATER METER	152.56		40					3"

GENERAL NOTES THIS SHEET:

A. EQUIPMENT BASIS OF DESIGN IS PROVIDED TO ILLUSTRATE THE DESIGNER'S INTENT AND IS NOT MEANT TO LIMIT THE SELECTION OF EQUAL OR GREATER EQUIPMENT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

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PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

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BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.601

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
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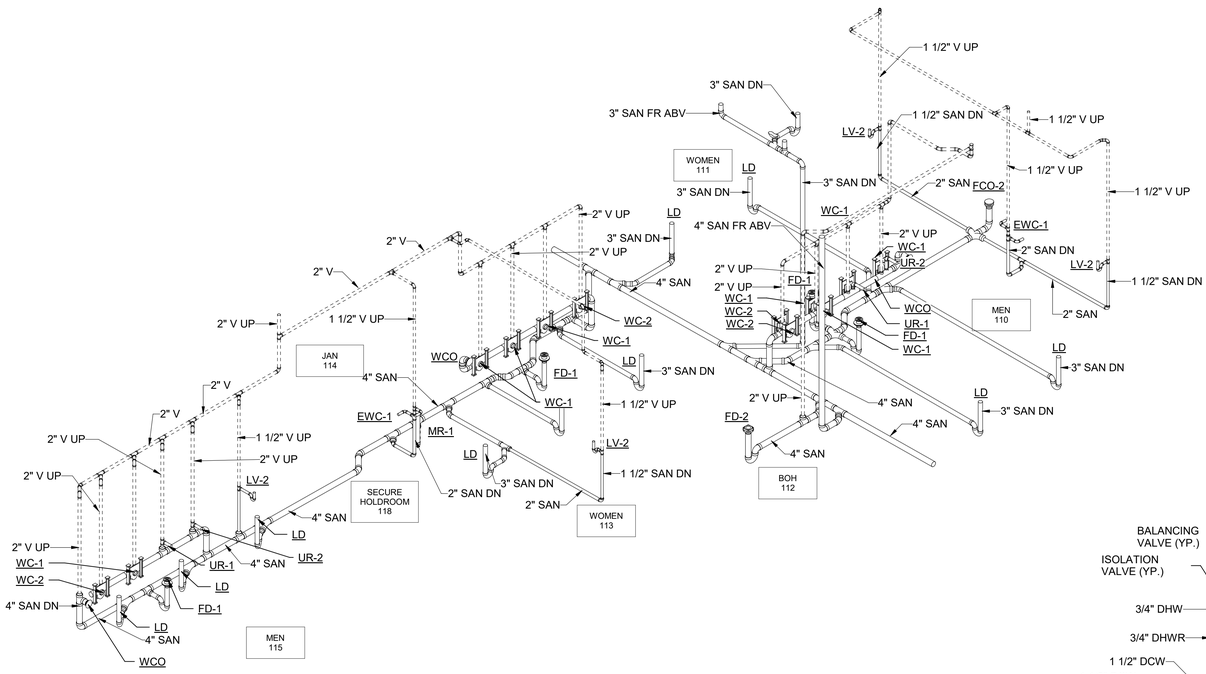
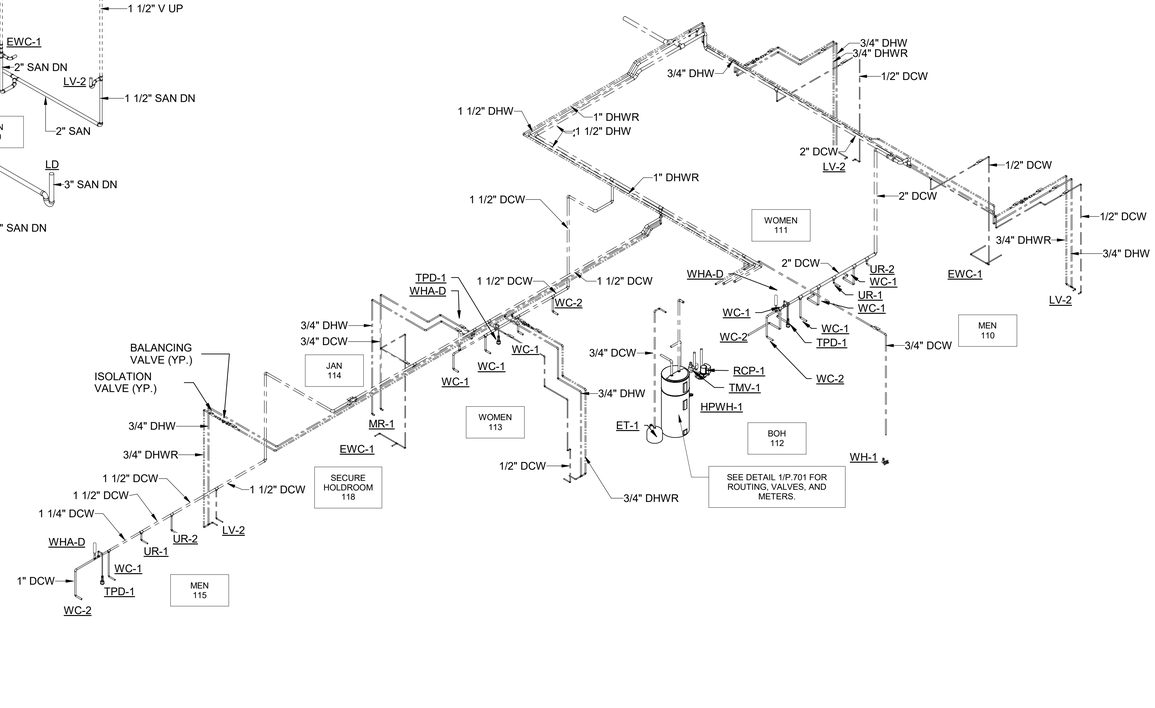


1 ISOMETRIC DIAGRAM - LEVEL 1 RESTROOM - GRAVITY
NTS



2 ISOMETRIC DIAGRAM - LEVEL 1 RESTROOM - PRESSURE
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

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ISOMETRIC DIAGRAMS
BID DOCUMENTS

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BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

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P1.701

GENERAL NOTES:

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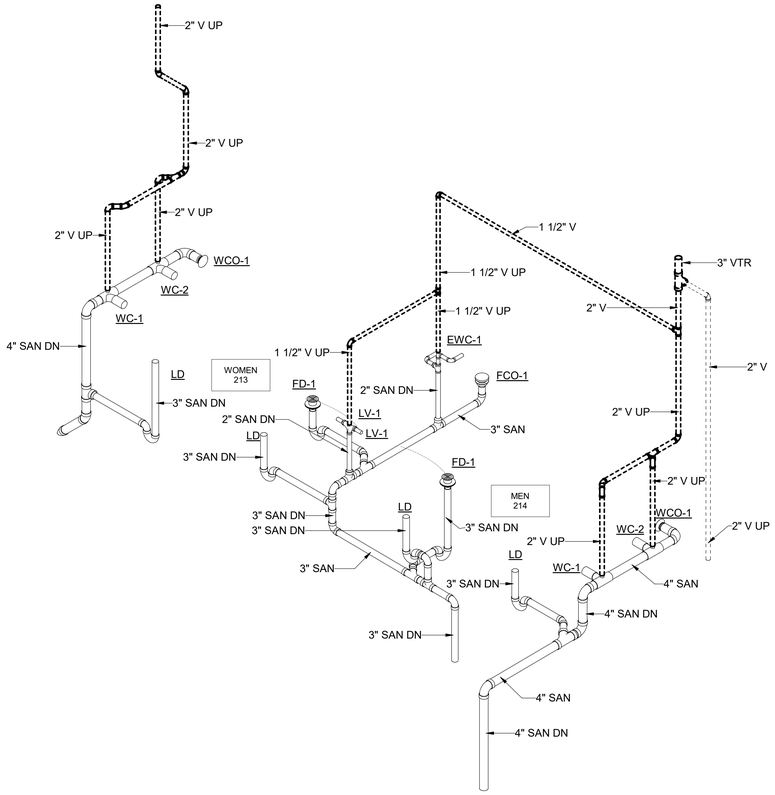
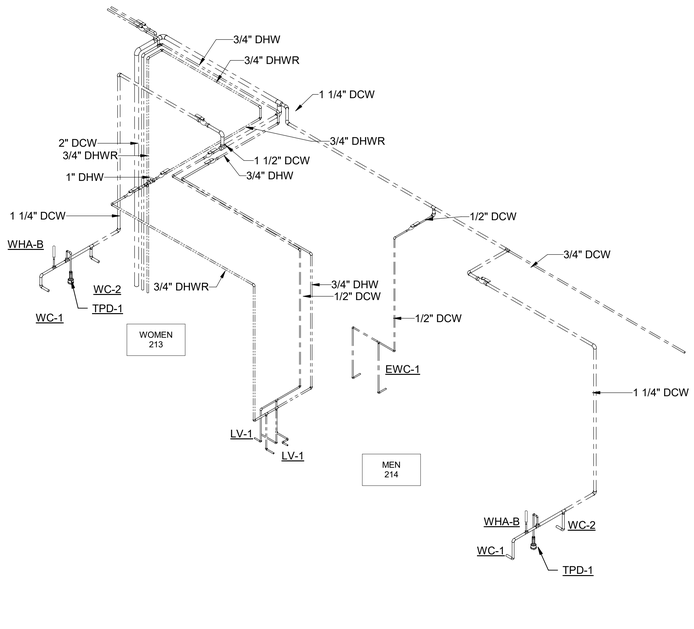


1 ISOMETRIC DIAGRAM - LEVEL 2 RESTROOM - GRAVITY
NTS



2 ISOMETRIC DIAGRAM - LEVEL 2 RESTROOM - PRESSURE
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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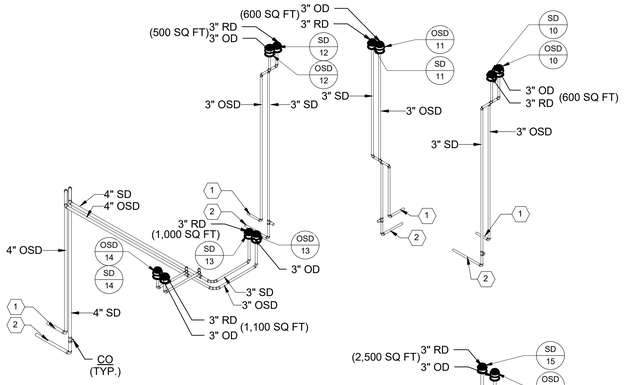

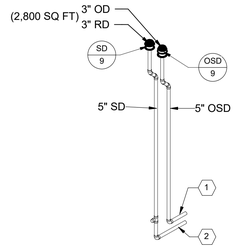

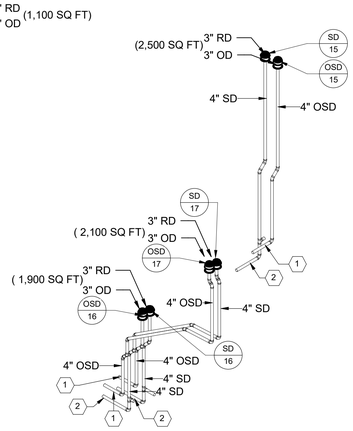

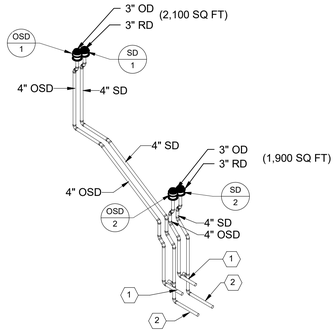

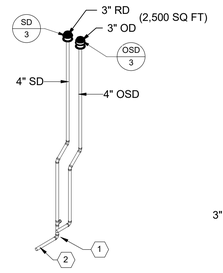

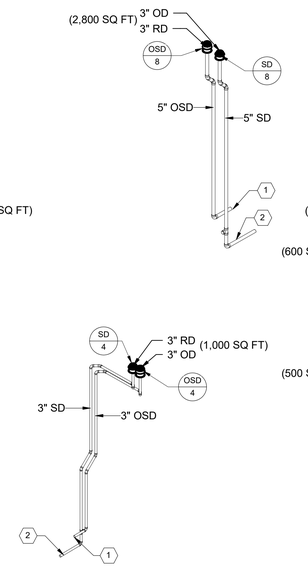

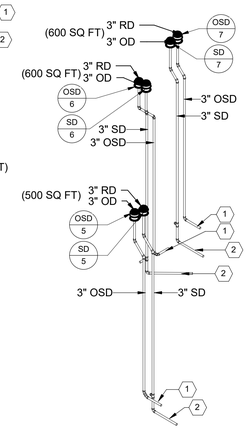

1 ISOMETRIC DIAGRAM - STORM SEWER

NTS

GENERAL NOTES:

1. REFER TO SHEET P0.001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. DETAILS ARE DIAGRAMMATIC IN NATURE AND MAY NOT REFLECT EVERY ACCESSORY AND/OR EXACT CONFIGURATION OF PIPING. CONTRACTOR SHALL INSTALL ACTUAL EQUIPMENT AND PIPING BASED ON ALL REQUIREMENTS INCLUDING MANUFACTURERS INSTALLATION INSTRUCTIONS, CODE REQUIREMENT, DESIGN DRAWINGS, AND SPECIFICATIONS.

SHEET KEYNOTES

1 PENETRATE OVERFLOW STORM DRAIN PIPING THROUGH EXTERIOR WALL AND TERMINATE DISCHARGE 18" ABOVE GRADE. PROVIDE A DOWNSPOUT NOZZLE.

2 PENETRATE STORM DRAIN PIPING THROUGH EXTERIOR WALL. SEE CIVIL FOR CONTINUATION.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ISOMETRIC DIAGRAMS
BID DOCUMENTS

DISCIPLINE:
PLUMBING

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
BJO	BJO	AAF	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
P1.703

MECHANICAL ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

ABBREVIATION	DESCRIPTION
(F)	FUTURE
AFF	ABOVE FINISHED FLOOR
AMB	AMBIENT
APD	AIR PRESSURE DROP
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BOB	BOTTOM OF BEAM
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STRUCTURE
BTUH	BRITISH TEHRMAL UNITS PER HOUR
CFM	CUBIC FEET PER MINUTE
COP	COEFFICIENT OF PERFORMANCE
CV	CONSTANT VOLUME
DB	DRY BULB
DIA	DIAMETER
DN	DOWN
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EFF	EFFICIENCY
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FLA	FULL LOAD AMPS
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET
GAL	GALLONS
GPM	GALLONS PER MINUTE
HD	HEAD
HP	HORSEPOWER
ID	INNER DIAMETER
IPLV	INTEGRATED PART LOAD VALUE
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTUH
MCA	MAXIMUM CURRENT AMPACITY
MFR	MANUFACTURER
MOCP	MAXIMUM OVERCURRENT PROTECTION
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NPLV	NON-STANDARD PART LOAD VALUE
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP
PPH	POUNDS PER HOUR
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
REFRIG	REFRIGERANT
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SP	STATIC PRESSURE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VRF	VARIABLE REFRIGERANT FLOW
W	WATTS
WB	WET-BULB
WG	WATER GAUGE
WPD	WATER PRESSURE DROP

MECHANICAL EQUIPMENT ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

ABBREVIATION	DESCRIPTION
AC	AIR CONDITIONER
AFMS	AIR FLOW MEASURING STATION
AHU	AIR HANDLING UNIT
BC	BRANCH CONTROLLER
BT	BUFFER TANK
CU	AIR COOLED CONDENSING UNIT
E#	EXHAUST GRILLE
EF	EXHAUST FAN
ERU	ENERGY RECOVERY UNIT
EUH	ELECTRIC UNIT HEATER
FCU	FAN COIL UNIT
FFC	FORCED FLOW CONVECTOR
FLRHEAT	FLOOR HEAT CONTROLLER
HC	HEATING COIL
HP	HEAT PUMP UNIT
HR	HEAT RECOVERY UNIT
L	LOUVER
R#	RETURN GRILLE
RF	RETURN FAN
S#	SUPPLY DIFFUSER
SF	SUPPLY FAN
SL#	LINEAR SUPPLY DIFFUSER
UH	UNIT HEATER
VFD	VARIABLE FREQUENCY DRIVE

MECHANICAL SYSTEM ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

ABBREVIATION	DESCRIPTION
CD	CONDENSATE DRAIN
EA	EXHAUST AIR
OA	OUTDOOR AIR
RA	RETURN AIR
REL	RELIEF AIR
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
SA	SUPPLY AIR

MECHANICAL SYMBOLS LIST

NOTE: NOT ALL SYMBOLS MAY BE USED.

SYMBOL	DESCRIPTION
1	KEYNOTE (SEE LEGEND ON SHEET)
	AIRFLOW ARROW (POSITIVE PRESSURE)
	AIRFLOW ARROW (NEGATIVE PRESSURE)
	FLOW ARROW
	PIPE CAPPED
	PIPE DROP
	PIPE RISE
	PIPE TEE DOWN
	PIPE REDUCER
	PIPE UNION
	PIPE GUIDES OR SLEEVES
	PIPE ANCHOR
	FLEXIBLE PIPE CONNECTION
	GENERAL SERVICE VALVE (SEE SPECIFICATIONS FOR VALVE TYPE PER APPLICATION)
	CHECK VALVE (ARROW INDICATES DIRECTION OF FLOW)
M	MANUAL BALANCING VALVE
A	AUTOMATIC BALANCING VALVE
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
PICBV	TWO-WAY PRESSURE INDEPENDENT CONTROL AND BALANCE VALVE
	PRESSURE REDUCING VALVE
	STEAM PRESSURE REGULATING VALVE
	RELIEF VALVE
	DRAIN VALVE WITH THREADED HOSE CONNECTION
	REDUCED PRESSURE BACKFLOW PREVENTER
	PRESSURE GAUGE WITH STOPCOCK
	STRAINER WITH BLOW DOWN VALVE
AV	AUTOMATIC AIR VENT
MAV	MANUAL AIR VENT
	TEMPERATURE/PRESSURE TEST PLUG (PETE'S PLUG)
	SIGHT FLOW INDICATOR
	STEAM TRAP
CO CO	CLEAN OUT
	FLOW METER
	THERMOMETER
	PITCH DOWN IN DIRECTION OF ARROW
H	HUMIDISTAT WITH ADJUSTABLE CONTROL
T	THERMOSTAT WITH ADJUSTABLE CONTROL
H	HUMIDITY SENSOR
T	TEMPERATURE SENSOR
H2	HYDROGEN SENSOR
CO2	CARBON DIOXIDE SENSOR
CO	CARBON MONOXIDE SENSOR
NO2	NITROGEN DIOXIDE SENSOR
OS	OCCUPANCY SENSOR

MECHANICAL SYMBOLS LIST CONT.

NOTE: NOT ALL SYMBOLS MAY BE USED.

SYMBOL	DESCRIPTION
	SUPPLY DIFFUSER WITH FLEXIBLE DUCT TAG - NECK SIZE — TAG EXAMPLE: S1-6ø AIRFLOW (CFM) — 100
	SUPPLY DIFFUSER TAG - NECK SIZE — TAG EXAMPLE: S1-6ø AIRFLOW (CFM) — 100
	RETURN/EXHAUST GRILLE — R1 TAG — TAG EXAMPLE: E1 AIRFLOW (CFM) — 500
	SIDEWALL SUPPLY DIFFUSER TAG - NECK SIZE — TAG EXAMPLE: S2-12x8 AIRFLOW (CFM) — 100
	SIDEWALL RETURN/EXHAUST GRILLE — R2 TAG — TAG EXAMPLE: E2 AIRFLOW (CFM) — 100
BDD	DAMPERS/DUCT ACCESSORIES BDD: BACKDRAFT DAMPER FSD: FIRE/SMOKE DAMPER FD: FIRE DAMPER MD: MOTORIZED DAMPER SD: SMOKE DAMPER VD: VOLUME DAMPER SB: SECURITY BARS
	SUPPLY AND OUTDOOR AIR RECTANGULAR DUCT ELBOW UP ROUND DUCT ELBOW UP
	RETURN, RELIEF, AND EXHAUST AIR RECTANGULAR DUCT ELBOW UP ROUND DUCT ELBOW UP
	SUPPLY AND OUTDOOR AIR RECTANGULAR DUCT ELBOW DOWN ROUND DUCT ELBOW DOWN
	RETURN, RELIEF, AND EXHAUST AIR RECTANGULAR DUCT ELBOW DOWN ROUND DUCT ELBOW DOWN
	NEW WORK DUCTWORK
	NEW WORK PIPING
	NEW WORK MECHANICAL EQUIPMENT (WITH CLEARANCE SHOWN)
	GENERIC FAN
	GENERIC PUMP
	ACCESS DOOR

MECHANICAL GENERAL NOTES

1. INSTALL ALL WORK TO COMPLY WITH ALL LAWS, REGULATIONS, CODES, AND STANDARDS (FEDERAL, STATE, AND LOCAL). AS ADOPTED BY THE AGENCIES HAVING JURISDICTION, INCLUDING REASONABLY ANTICIPATED REVISIONS BASED ON EMERGING TRENDS IN BUILDING REGULATIONS. WHERE ANY OF THESE DIFFER, THE MOST STRINGENT SHALL APPLY.
2. CONTRACT DOCUMENTS FOR MECHANICAL WORK ARE SCHEMATIC IN NATURE AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
3. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. INCLUDE ALL NECESSARY AND APPLICABLE APPURTENANCES, WHETHER INDICATED OR NOT.
4. ANY DEVIATIONS FROM THE BASIS OF DESIGN THAT REQUIRE ADDITIONAL PROVISIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. COORDINATE THE EXACT REQUIREMENTS AND LOCATION OF WORK WITH THE WORK OF OTHER TRADES PRIOR TO FABRICATION AND INSTALLATION. PROVIDE ADDITIONAL OFFSETS AND SECTIONS IN DUCTWORK AND/OR PIPING REQUIRED TO MEET THE APPLICABLE JOB CONDITION REQUIREMENTS. VERIFY JOB SITE ELEVATIONS, DIMENSIONS, AND CONDITIONS, PRIOR TO FABRICATION OR INSTALLATION OF THE WORK. COORDINATE EXACT ROUTING OF DUCTWORK AND PIPING WITH OTHER TRADES SO THAT NO CONFLICTS OCCUR WITH DUCTWORK, PIPING, LIGHTS, STRUCTURE, ETC. PROVIDE ALL PERTINENT DATA CONCERNING THE LOCATION, DIMENSIONS, ETC., OF THE MECHANICAL EQUIPMENT THAT REQUIRES BASES, CURBS AND SUPPORTS TO THE APPROPRIATE TRADES.
6. WHERE CEILINGS ARE INDICATED, ALL DUCTS AND PIPES SHALL BE RAN ABOVE CEILING. IN EXPOSED CONDITIONS, INSTALL DUCTWORK AND PIPING TIGHT TO THE BOTTOM OF STRUCTURE.
7. ALL RATED WALL AND FLOOR PENETRATIONS ARE TO BE SEALED WATER TIGHT AND PACKED WITH FIRE STOP MATERIAL.
8. ALL ITEMS THAT REQUIRE MAINTENANCE OR ADJUSTMENT MUST BE INSTALLED IN ACCESSIBLE LOCATIONS. PROVIDE AN APPROPRIATELY SIZED ACCESS DOOR AS REQUIRED.
9. ALL SEALS, BEARINGS, PACKINGS, AND ACCESSORIES FOR ALL EQUIPMENT AND PIPING SPECIALTIES SHALL BE SUITABLE FOR THE CONTINUOUS OPERATIONAL TEMPERATURES, PRESSURES AND CHARACTERISTICS, OF THE SYSTEM THEY SERVE.
10. PERFORM A COMPLETE AIR AND WATER SYSTEM FLOW BALANCE FOR ALL EQUIPMENT THAT IS SHOWN, SCHEDULED OR OTHERWISE IDENTIFIED, AT THE END OF CONSTRUCTION.
11. INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND DIRECTION. PROVIDE STRAIGHT INLET AND OUTLET DUCTS/PIPES BASED ON MANUFACTURER'S RECOMMENDATIONS. IF IN CONFLICT WITH THE DESIGN INDICATED HEREIN, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION.
12. COORDINATE THE EXACT LOCATIONS OF DIFFUSERS, GRILLES AND REGISTERS WITH ARCHITECTURAL REFLECTED CEILING PLANS, AREA SMOKE DETECTORS, SPRINKLERS, LIGHTS AND ELECTRICAL DEVICES. AIR DEVICES SHALL NOT BE WITHIN 3 FEET OF AN AREA SMOKE DETECTOR.
13. UNLESS NOTED OTHERWISE, PROVIDE BRANCH DUCT TO DIFFUSERS SAME SIZE AS DIFFUSER NECK. FLEXIBLE DUCT CONNECTION TO THE DIFFUSER SHALL BE NO MORE THAN FIVE FEET IN LENGTH. ALL BRANCH DUCT TAKEOFFS TO AIR DEVICES SHALL HAVE A MANUAL BALANCING DAMPER INSTALLED IN AN ACCESSIBLE LOCATION.
14. AIR DEVICES PROVIDED WITH INTEGRAL BALANCE DAMPERS DO NOT REQUIRE ADDITIONAL BALANCING DAMPER AT AIR DEVICE BRANCH TAKEOFF.
15. PROVIDE ROOM TEMPERATURE THERMOSTATS FOR ALL EQUIPMENT THAT MAINTAINS SPACE TEMPERATURE. PREFERRED LOCATIONS ARE SHOWN ON THE PLANS. THERMOSTATS SHALL BE MOUNTED AT 48" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE. COORDINATE THE EXACT LOCATIONS OF THERMOSTATS WITH MARKERBOARDS, SWITCHES, AND ANY OTHER WALL MOUNTED FIXTURES PRIOR TO ROUGH IN.
16. UNLESS NOTED OTHERWISE, MINIMUM PIPE SIZE TO TERMINAL EQUIPMENT SHALL BE 3/4 INCH AND MINIMUM FLOW SHALL BE 0.5 GPM.
17. PROVIDE SHUT-OFF VALVES WITHIN ALL SUPPLY PIPING BRANCH TAKEOFFS FROM MAINS. PROVIDE A MANUAL BALANCE VALVE AND A SEPARATE SHUT-OFF VALVE WITHIN ALL RETURN PIPING BRANCH TAKE-OFFS FROM MAINS. LOCATE VALVES IN ACCESSIBLE LOCATIONS.
18. INSTALL ALL PIPING IN LOCATIONS AND ELEVATIONS SUCH THAT COILS, TUBES, AND FILTERS CAN BE REMOVED AND REPLACED WITHOUT MAJOR PIPING REMOVAL. LOCATE VALVES IN APPROPRIATE PLACES TO ACCOMMODATE MAINTENANCE. FOR GRAVITY FLOW PIPING, ADEQUATE SLOPE SHALL BE PROVIDED.
19. INSTALL TWO-WAY CONTROL VALVES ON ALL EQUIPMENT UNLESS NOTED OTHERWISE.
20. AT TIME OF ROUGH INSTALLATION, DURING STORAGE ON THE CONSTRUCTION SITE, AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE FOR PROTECTION TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM(S).
21. IN MECHANICALLY VENTILATED BUILDINGS, PROVIDE REGULARLY OCCUPIED AREAS OF THE BUILDING WITH AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR THAT PROVIDES AT LEAST A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 8 PRIOR TO OCCUPANCY. FILTERS SHALL BE CHANGED PRIOR TO AIR BALANCE AND COMMISSIONING, AND AGAIN AT THE COMPLETION OF CONSTRUCTION JUST PRIOR TO OCCUPANCY OF THE BUILDING WITH FINAL FILTERS PER SPECIFICATIONS. MAINTENANCE RECOMMENDATIONS FOR FILTERS OF THE SAME VALUE SHALL BE INCLUDED IN THE OPERATION AND MAINTENANCE MANUAL.
22. INSTALLATION OF HVAC, REFRIGERATION, AND FIRE SUPPRESSION EQUIPMENT SHALL NOT CONTAIN ANY CFCS OR HALONS.
23. ALL SUPPORTS FOR EQUIPMENT, DUCTWORK AND PIPING SYSTEMS, DEVICES SHALL BE FROM THE BUILDING STRUCTURE. SUPPORT FROM STRUCTURAL BRIDGING IS UNACCEPTABLE.
24. INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC., IN A LOCATION OR IN A MANNER THAT WILL ALLOW FREEZING AND/OR THE COLLECTION OF CONDENSATION.
25. CONTRACTOR IS RESPONSIBLE FOR DRAINING, FLUSHING, PURGING, AND FILLING ALL PIPING SYSTEMS AS REQUIRED. THESE SYSTEMS INCLUDE (BUT MAY NOT BE LIMITED TO): HEATING HOT WATER SYSTEMS, ALL REQUIRED CHEMICAL TREATMENT SYSTEMS, AND MAKE-UP WATER CONNECTIONS.

APPLICABLE CODES AND STANDARDS

A. AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS (ASHRAE) HANDBOOKS AND STANDARDS:

(1) 2021, FUNDAMENTALS.

(2) 2016, HVAC SYSTEMS AND EQUIPMENT.

(3) 2019, HVAC APPLICATIONS.

(4) 2018, REFRIGERATION.

(5) STANDARD 52.2-2017, METHOD OF TESTING GENERAL VENTILATION AIR-CLEANING DEVICES FOR REMOVAL EFFICIENCY BY PARTICLE SIZE.

(6) STANDARD 55-2017, THERMAL ENVIRONMENTAL CONDITIONS FOR HUMAN OCCUPANCY.

(7) STANDARD 62.1-2019, VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY.

(8) STANDARD 90.1-2019, ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS.

B. THE INTERNATIONAL CODE COUNCIL (ICC):

1. THE INTERNATIONAL BUILDING CODE, 2021.

(2) THE INTERNATIONAL MECHANICAL CODE, 2021.

(3) THE INTERNATIONAL ENERGY CONSERVATION CODE, 2018.

C. MISCELLANEOUS:

(1) TERMINAL FACILITIES DESIGN GUIDE, 2022.

DESIGN CONDITIONS

DESIGN CRITERIA: PRESQUE ISLE, ME, USA

SEISMIC CRITERIA
BUILDING RISK CATEGORY: III
BUILDING SITE CLASSIFICATION: C
SEISMIC IMPORTANCE FACTOR: 1.25

OUTDOOR CONDITIONS: DATA FROM ASHRAE FUNDAMENTALS - 2021
EXTREME HIGH TEMP: 84.5°F DB, 68.5°F WB
EXTREME LOW TEMP: -29.6°F DB, -26.3°F WB
EXTREME HUMIDITY RATIO: 80.6°F MCDB, 70.5°F WB, 103 GR/LB, 35.2 BTU/LB

CONDENSERS & CONDENSING UNITS:
SUMMER: OUTDOOR DRY BULB PLUS 5°F
WINTER: OUTDOOR DRY BULB MINUS 5°F

INDOOR CONDITIONS:

OFFICE / ADMINISTRATIVE:	MECHANICAL / ELECTRICAL	CRITICAL EQUIPMENT
SUMMER: 75°F AND 50% RH	SUMMER: 85°F AND 50% RH	SUMMER: 73°F AND 50% RH
WINTER: 70°F	WINTER: 55°F	WINTER: 73°F

EQUIPMENT SCHEDULING

OCCUPANCY SCHEDULE:

	OCCUPIED	UNOCCUPIED
WEEKDAY (MON-FRI):	04:30 - 17:00, 23:00 - 01:00	01:00-04:30, 17:00 - 23:00
WEEKEND (SAT-SUN):	NONE	00:00-00:00
HOLIDAY:	TO BE DETERMINED	TO BE DETERMINED

INDOOR CONDITIONS (OCCUPIED):

OFFICE / ADMINISTRATIVE:	MECHANICAL / ELECTRICAL	CRITICAL EQUIPMENT
SUMMER: 75°F AND 50% RH	SUMMER: 85°F AND 50% RH	SUMMER: 73°F
WINTER: 70°F	WINTER: 55°F	WINTER: 73°F

INDOOR CONDITIONS (UNOCCUPIED):

OFFICE / ADMINISTRATIVE:	MECHANICAL / ELECTRICAL	CRITICAL EQUIPMENT
SUMMER: 85°F AND 50% RH	SUMMER: 85°F AND 50% RH	SUMMER: 73°F
WINTER: 65°F	WINTER: 55°F	WINTER: 73°F

NOTES:
1. PROVIDE SCREEN DISPLAYING BUILDING OCCUPANCY INFORMATION TO BAS OPERATOR.
2. ALL TIMES SHALL BE ADJUSTABLE THROUGH GRAPHIC INTERFACE. SELECTION BASED OFF 15 MINUTE INCREMENTS.
3. MORNING WARM-UP SCHEDULE SHALL ENERGIZE SYSTEMS 1 HR (ADJ.) PRIOR TO BUILDING OCCUPANCY.
4. CONTRACTOR TO VERIFY ALL TIMES WITH BUILDING OWNER.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL LEGEND AND GENERAL NOTES

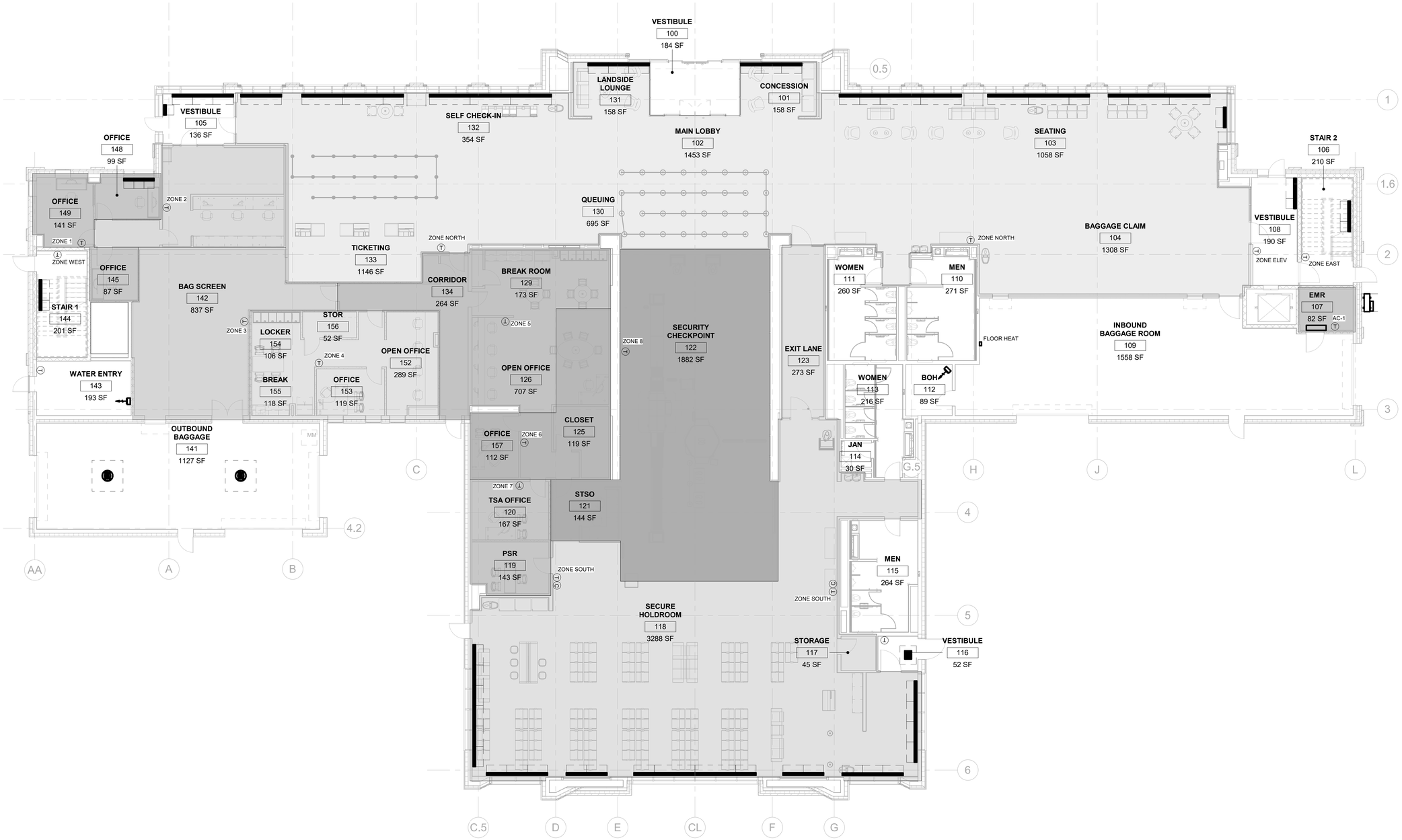
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M0.001



1 FIRST FLOOR - HVAC ZONING PLAN
1/8" = 1'-0"

GRAPHIC SCALE:
0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
FIRST FLOOR - HVAC ZONING PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
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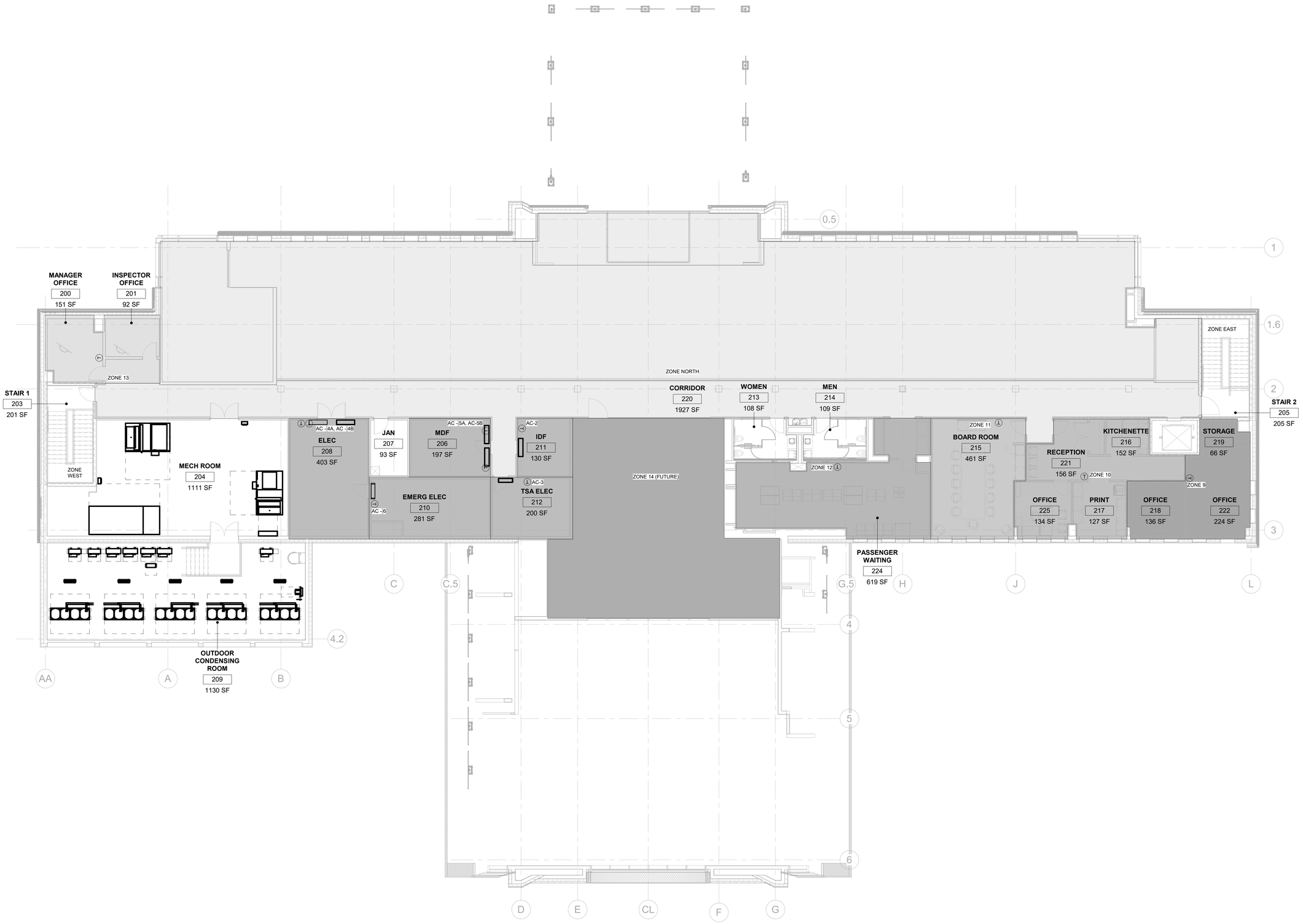
SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M1.001



1 SECOND FLOOR - HVAC ZONING PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

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PRIMARY:
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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
SECOND FLOOR - HVAC ZONING PLAN

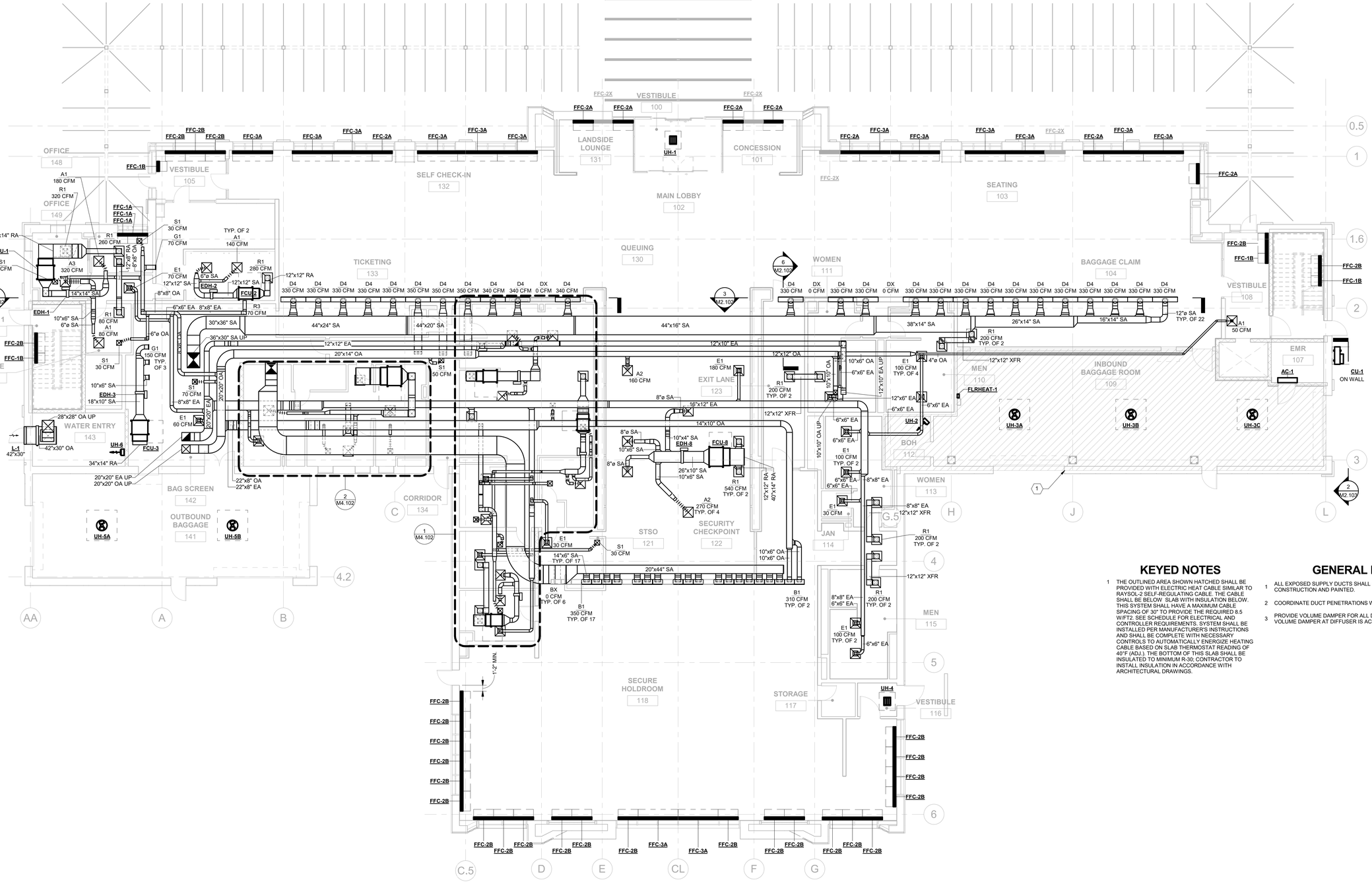
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M1.002



KEYED NOTES

1 THE OUTLINED AREA SHOWN HATCHED SHALL BE PROVIDED WITH ELECTRIC HEAT CABLE SIMILAR TO RAYSOL-2 SELF-REGULATING CABLE. THE CABLE SHALL BE BELOW SLAB WITH INSULATION BELOW. THIS SYSTEM SHALL HAVE A MAXIMUM CABLE SPACING OF 30" TO PROVIDE THE REQUIRED 8.5 W/FT2. SEE SCHEDULE FOR ELECTRICAL AND CONTROLLER REQUIREMENTS. SYSTEM SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND SHALL BE COMPLETE WITH NECESSARY CONTROLS TO AUTOMATICALLY ENERGIZE HEATING CABLE BASED ON SLAB THERMOSTAT READING OF 40°F (ADJ.). THE BOTTOM OF THIS SLAB SHALL BE INSULATED TO MINIMUM R-30; CONTRACTOR TO INSTALL INSULATION IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS.

GENERAL NOTES

1 ALL EXPOSED SUPPLY DUCTS SHALL BE DOUBLE-WALL CONSTRUCTION AND PAINTED.

2 COORDINATE DUCT PENETRATIONS WITH STRUCTURAL.

3 PROVIDE VOLUME DAMPER FOR ALL DUCTWORK BRANCHES. INTEGRAL VOLUME DAMPER AT DIFFUSER IS ACCEPTABLE.

1 FIRST FLOOR - OVERALL HVAC PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
FIRST FLOOR - HVAC PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
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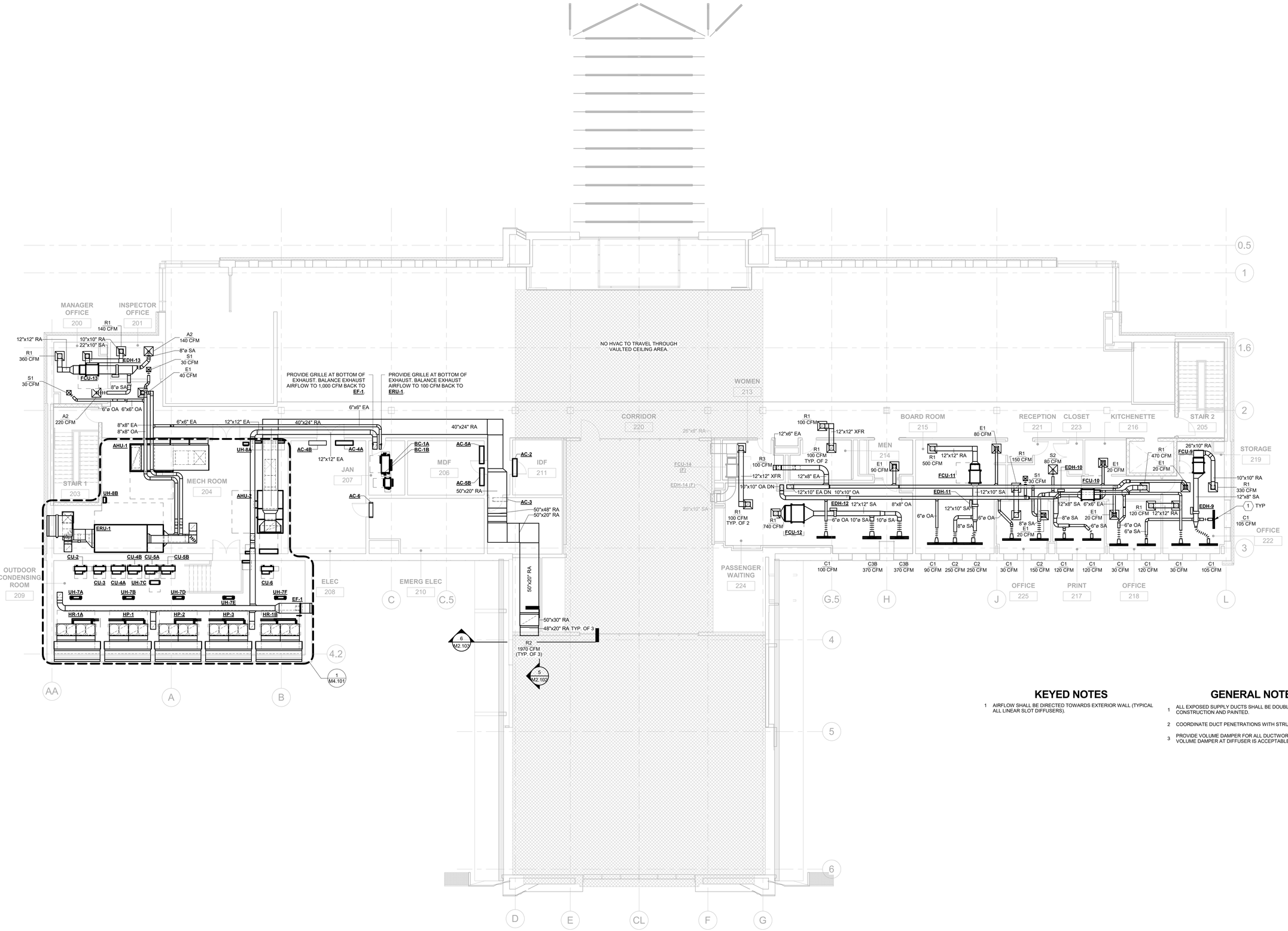


KEYED NOTES

1 AIRFLOW SHALL BE DIRECTED TOWARDS EXTERIOR WALL (TYPICAL ALL LINEAR SLOT DIFFUSERS).

GENERAL NOTES

1 ALL EXPOSED SUPPLY DUCTS SHALL BE DOUBLE-WALL CONSTRUCTION AND PAINTED.

2 COORDINATE DUCT PENETRATIONS WITH STRUCTURAL.

3 PROVIDE VOLUME DAMPER FOR ALL DUCTWORK BRANCHES. INTEGRAL VOLUME DAMPER AT DIFFUSER IS ACCEPTABLE.

1 SECOND FLOOR - OVERALL HVAC PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
SECOND FLOOR - HVAC PLAN

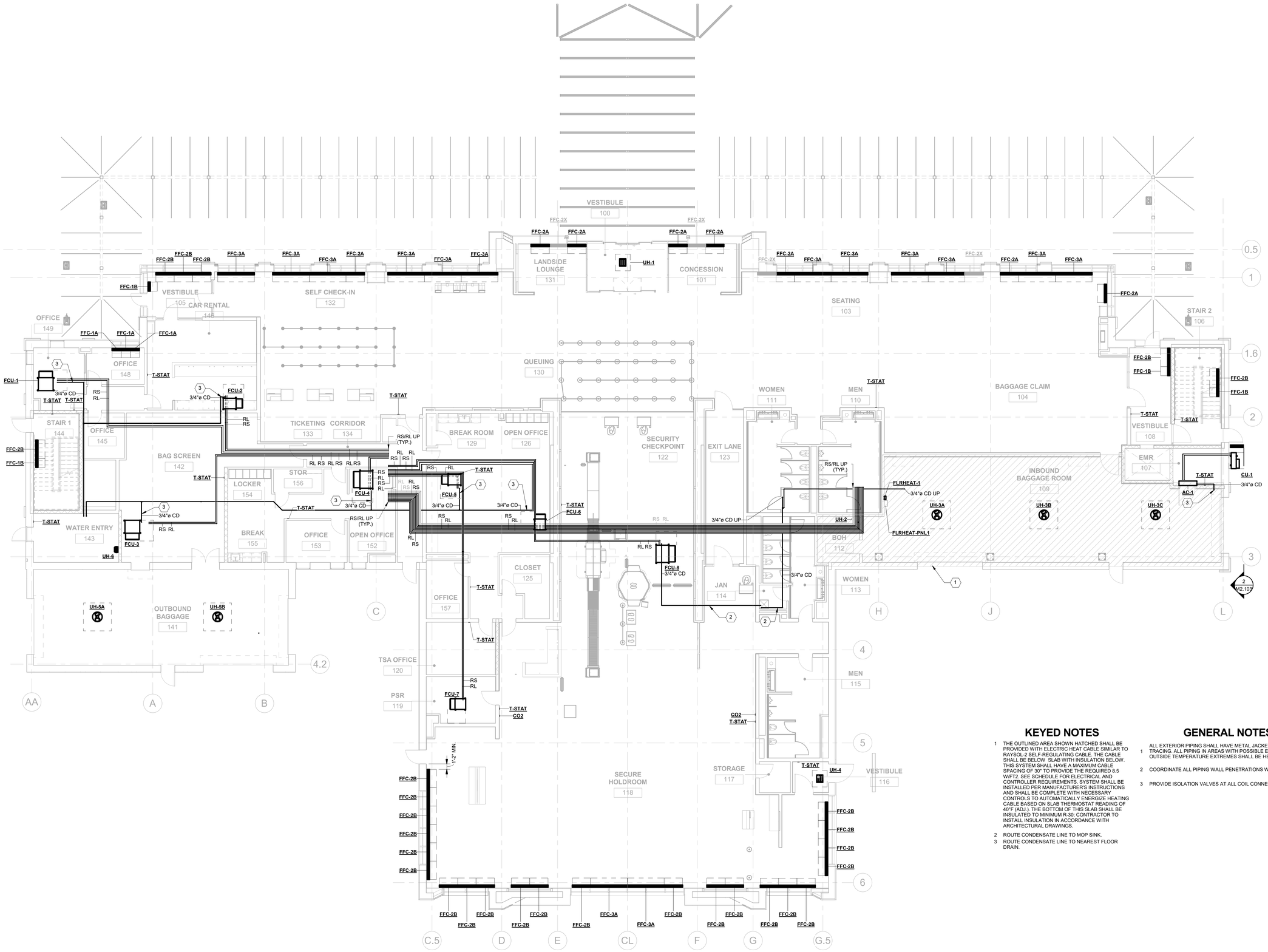
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M1.102



KEYED NOTES

1 THE OUTLINED AREA SHOWN HATCHED SHALL BE PROVIDED WITH ELECTRIC HEAT CABLE SIMILAR TO RAYSOL-2 SELF-REGULATING CABLE. THE CABLE SHALL BE BELOW SLAB WITH INSULATION BELOW. THIS SYSTEM SHALL HAVE A MAXIMUM CABLE SPACING OF 30" TO PROVIDE THE REQUIRED 8.5 W/FT2. SEE SCHEDULE FOR ELECTRICAL AND CONTROLLER REQUIREMENTS. SYSTEM SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND SHALL BE COMPLETE WITH NECESSARY CONTROLS TO AUTOMATICALLY ENERGIZE HEATING CABLE BASED ON SLAB THERMOSTAT READING OF 40°F (ADJ.). THE BOTTOM OF THIS SLAB SHALL BE INSULATED TO MINIMUM R-30; CONTRACTOR TO INSTALL INSULATION IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS.

2 ROUTE CONDENSATE LINE TO MOP SINK.

3 ROUTE CONDENSATE LINE TO NEAREST FLOOR DRAIN.

GENERAL NOTES

1 ALL EXTERIOR PIPING SHALL HAVE METAL JACKET AND HEAT TRACING. ALL PIPING IN AREAS WITH POSSIBLE EXPOSURE TO OUTSIDE TEMPERATURE EXTREMES SHALL BE HEAT TRACED.

2 COORDINATE ALL PIPING WALL PENETRATIONS WITH STRUCTURAL.

3 PROVIDE ISOLATION VALVES AT ALL COIL CONNECTIONS.

1 FIRST FLOOR - OVERALL PIPING PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:

AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

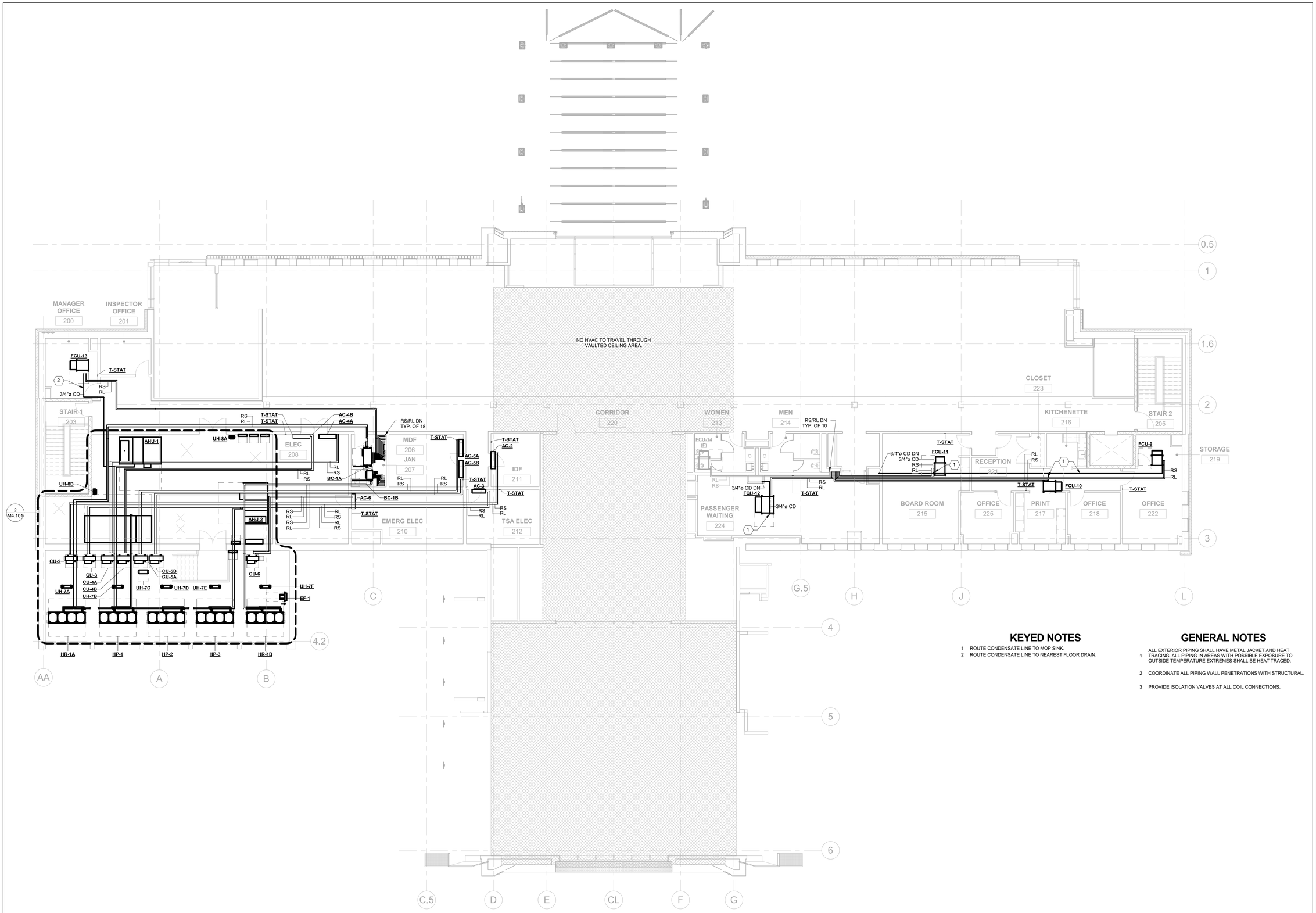
SHEET TITLE:
FIRST FLOOR - PIPING PLAN
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M1.201



KEYED NOTES

1 ROUTE CONDENSATE LINE TO MOP SINK.
2 ROUTE CONDENSATE LINE TO NEAREST FLOOR DRAIN.

GENERAL NOTES

1 ALL EXTERIOR PIPING SHALL HAVE METAL JACKET AND HEAT TRACING. ALL PIPING IN AREAS WITH POSSIBLE EXPOSURE TO OUTSIDE TEMPERATURE EXTREMES SHALL BE HEAT TRACED.

2 COORDINATE ALL PIPING WALL PENETRATIONS WITH STRUCTURAL.

3 PROVIDE ISOLATION VALVES AT ALL COIL CONNECTIONS.

1 SECOND FLOOR - OVERALL PIPING PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
SECOND FLOOR - PIPING PLAN

CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

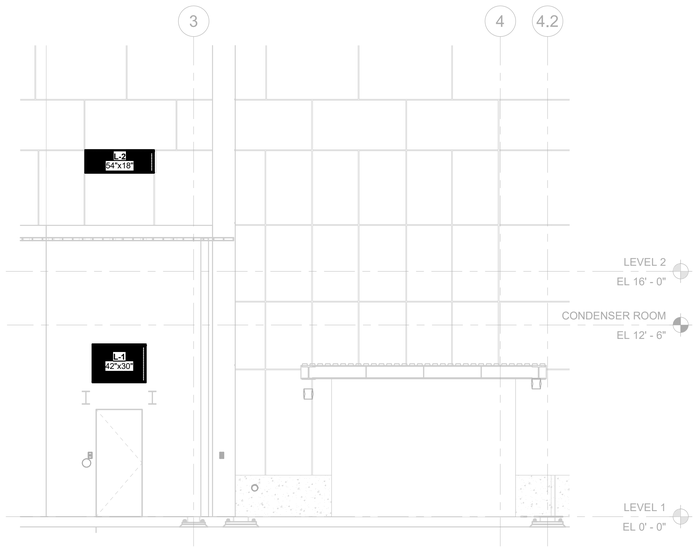
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

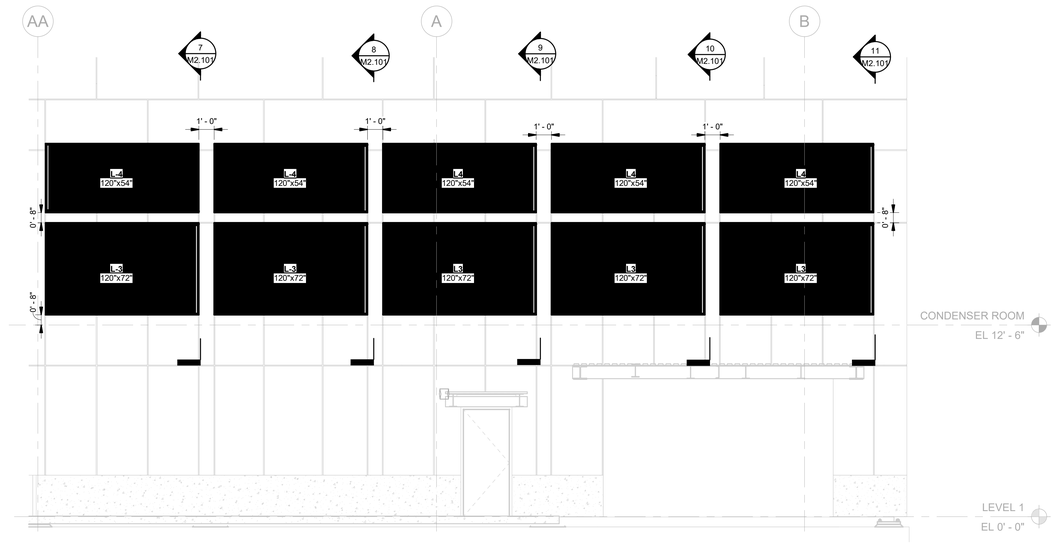
SHEET NUMBER:
M1.202

KEYED NOTES

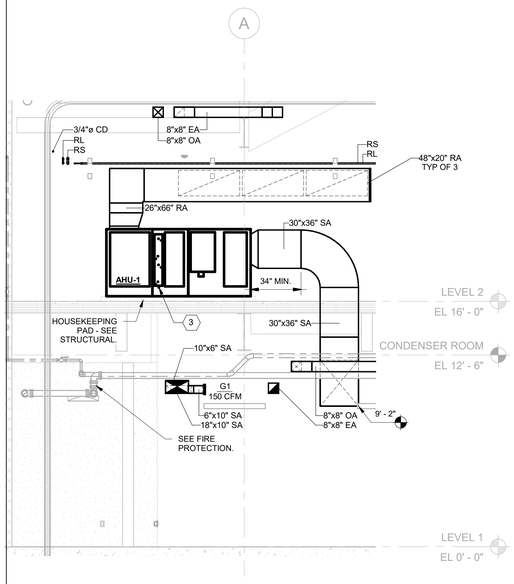
1. ROUTE CONDENSATE LINE TO FLOOR DRAIN. PROVIDE HEAT TRACING FOR CONDENSATE LINE AND CONDENSATE PAN UNDERNEATH UNIT. TYPICAL TO ALL UNITS.
2. PROVIDE ACCESS DOOR COMPLIANT WITH DIMENSIONS REQUIRED PER DETAIL 1/M6.102.
3. PROVIDE PAD HEIGHT WITH ADEQUATE VERTICAL OFFSET TO ALLOW ADEQUATE CLEARANCE FOR CONDENSATE DRAIN TRAP.
4. PROVIDE ACCESS DOOR COMPLIANT WITH DIMENSIONS REQUIRED PER DETAIL 8/M6.101.
5. DIRECT 45° TOWARD VRF CONDENSER UNIT WORKING AREA.
6. PROVIDE ACCESS DOOR COMPLIANT WITH DIMENSIONS REQUIRED PER DETAIL 2/M6.102.



1 LOUVER WALL - WEST
1/4" = 1'-0"

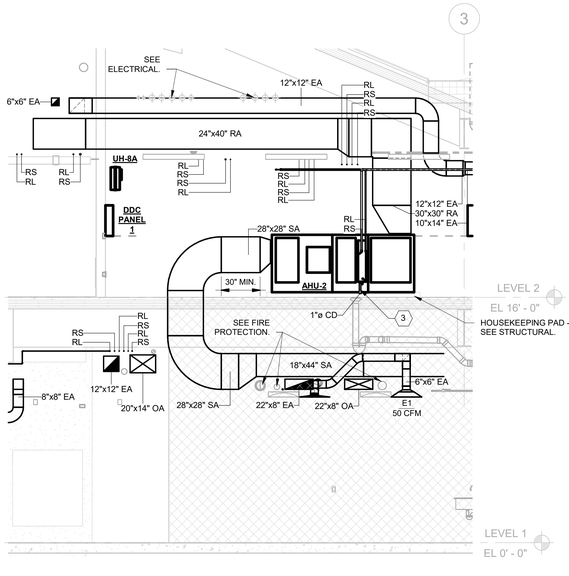


2 LOUVER WALL - SOUTH (HIGH)
1/4" = 1'-0"



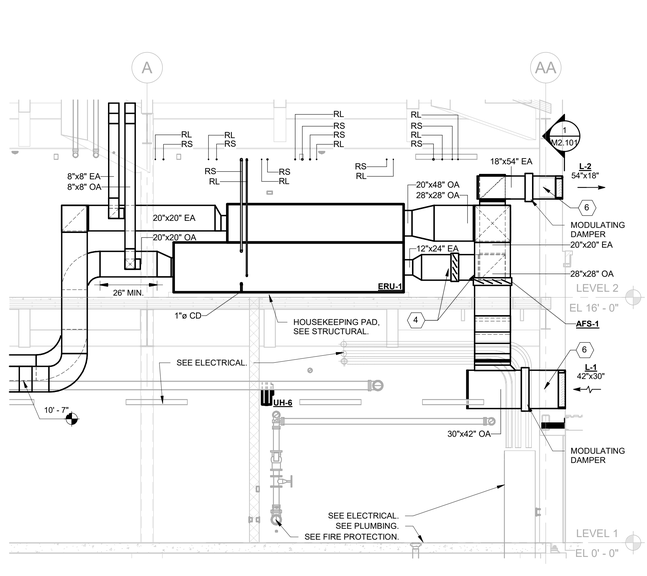
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

3 AHU-1 SECTION
1/4" = 1'-0"



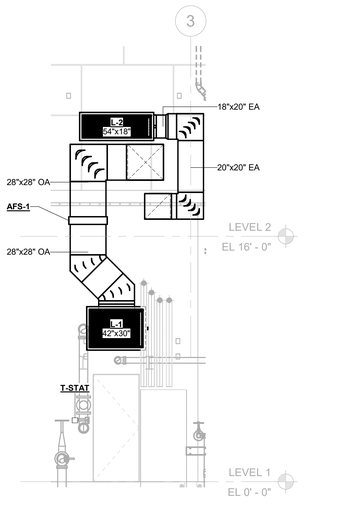
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

4 AHU-2 SECTION
1/4" = 1'-0"



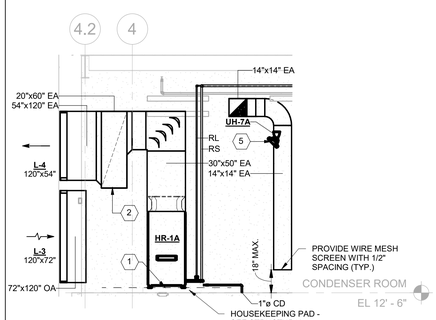
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

5 ERU-1 SECTION
1/4" = 1'-0"



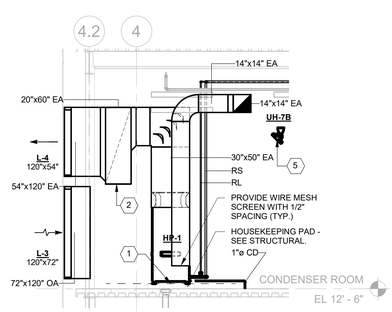
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

6 ERU-1 INTAKE + EXHAUST
1/4" = 1'-0"



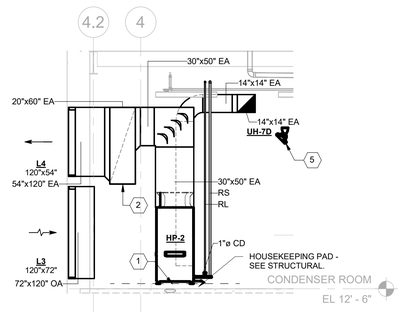
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

7 HR-1A SECTION
1/4" = 1'-0"



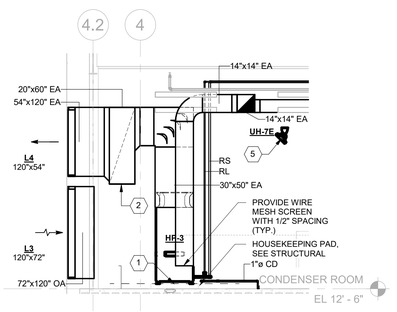
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

8 HP-1 SECTION
1/4" = 1'-0"



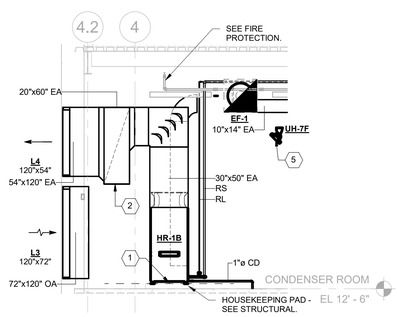
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

9 HP-2 SECTION
1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

10 HP-3 SECTION
1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

11 HR-1B SECTION
1/4" = 1'-0"

GRAPHIC SCALE:
0' 4' 8' 12'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL SECTION VIEWS

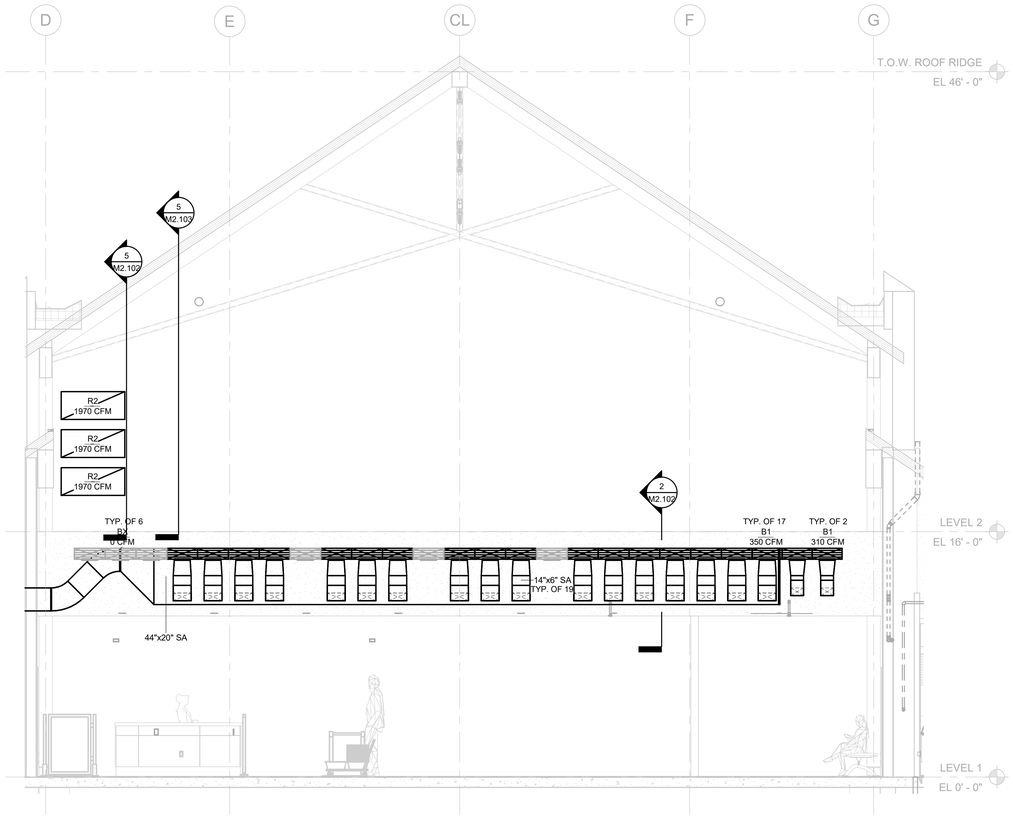
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

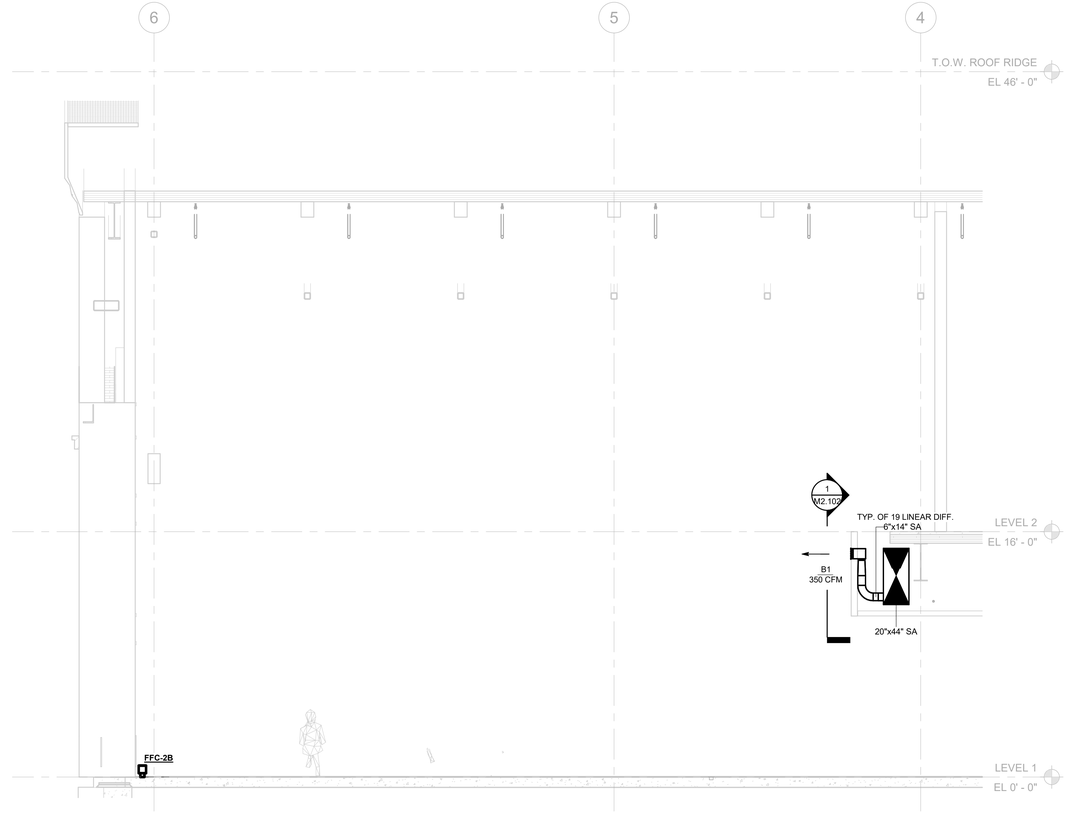
SHEET NUMBER:
M2.101



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

1 SUPPLY TO SECURE HOLDROOM - FACE

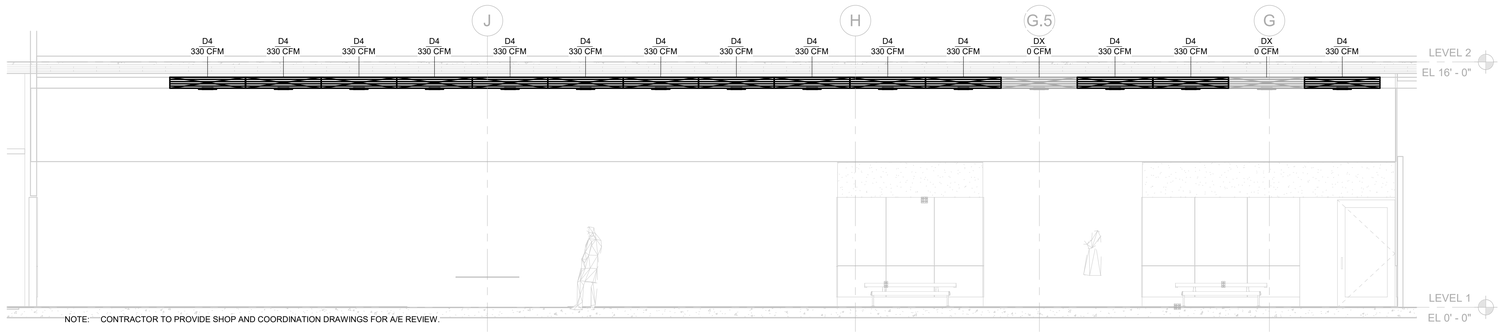
1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

2 SUPPLY TO SECURE HOLDROOM - SINGLE PROFILE

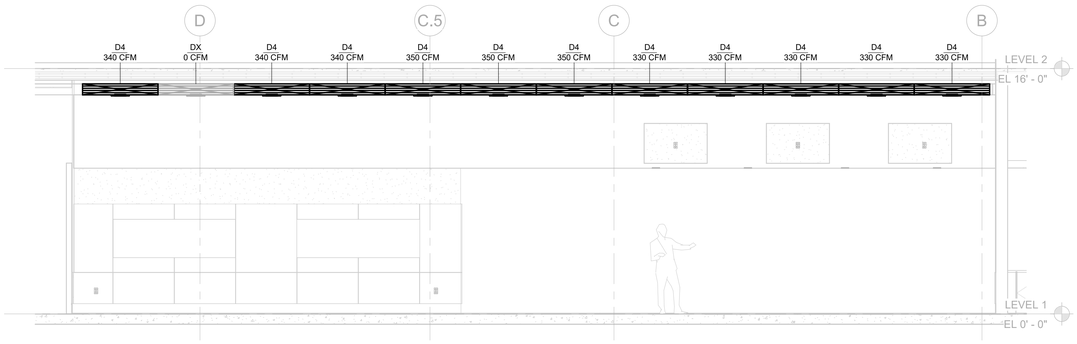
1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

3 SUPPLY TO ARRIVALS - FACE (WEST)

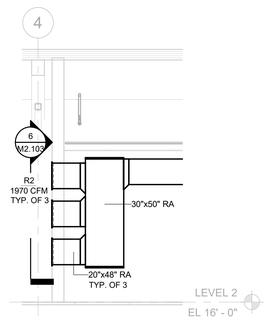
1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

4 SUPPLY TO ARRIVALS - FACE (EAST)

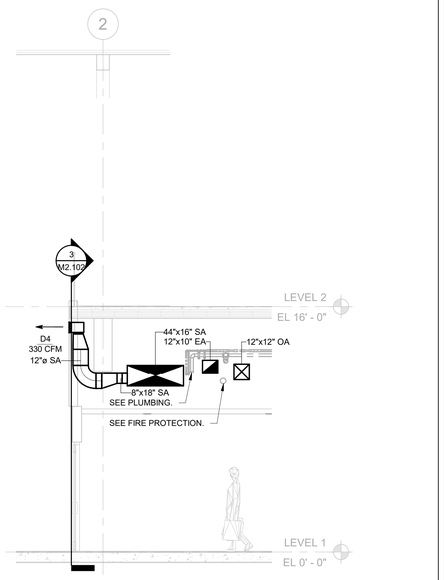
1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

5 AHU-2 RA PLENUM BOX

1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

6 SUPPLY TO ARRIVALS - SINGLE PROFILE

1/4" = 1'-0"

GRAPHIC SCALE:
0' 4' 8' 12'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL SECTION VIEWS

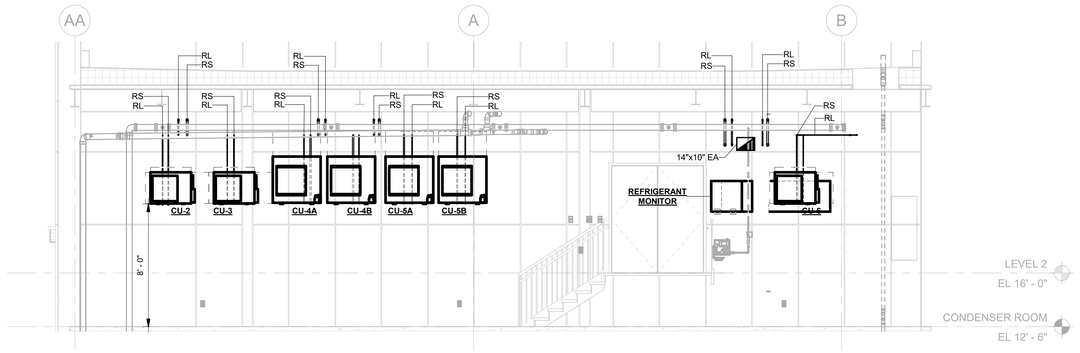
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

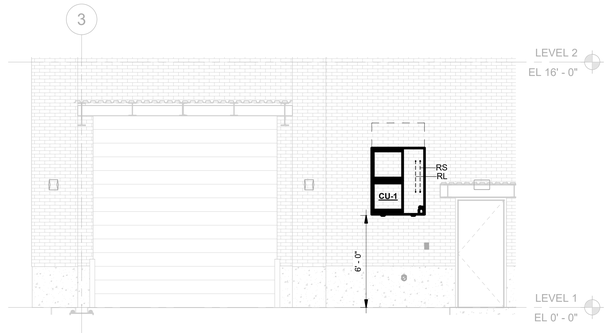
SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M2.102

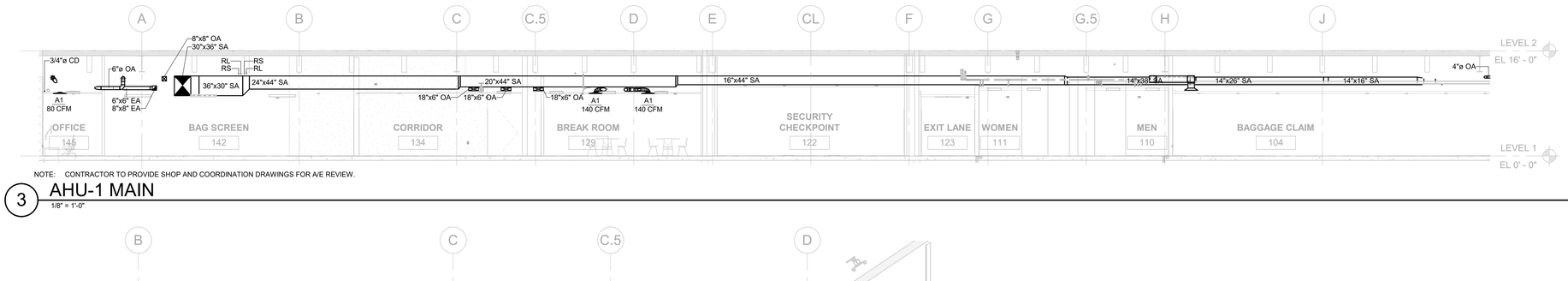


NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

1 CONDENSING UNITS IN VRF ROOM
1/4" = 1'-0"

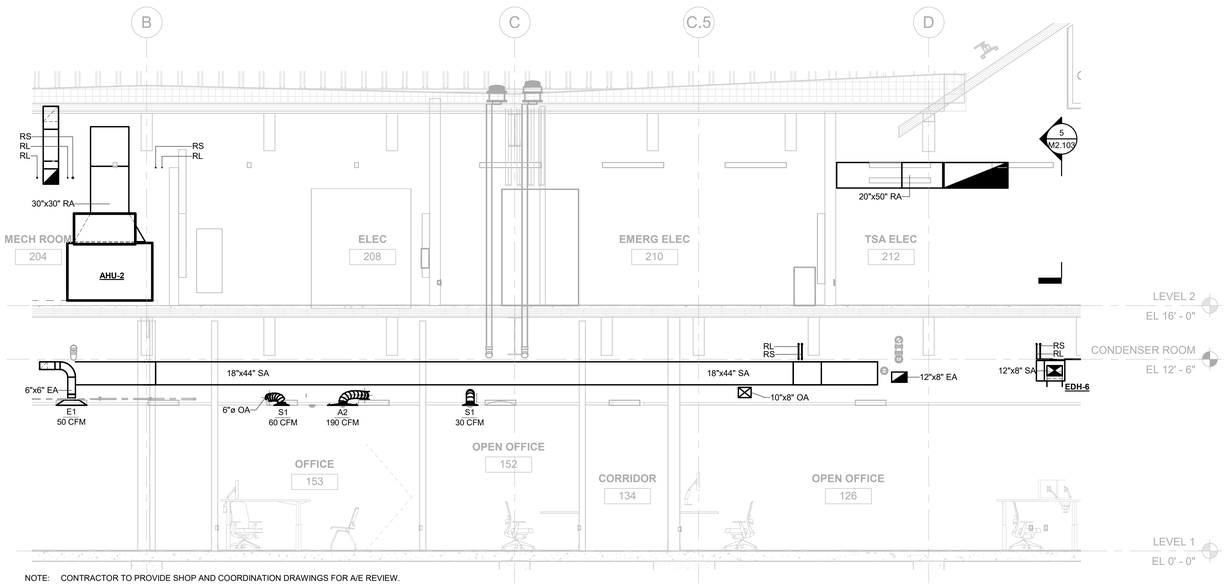


2 CU-1 SECTION
1/4" = 1'-0"



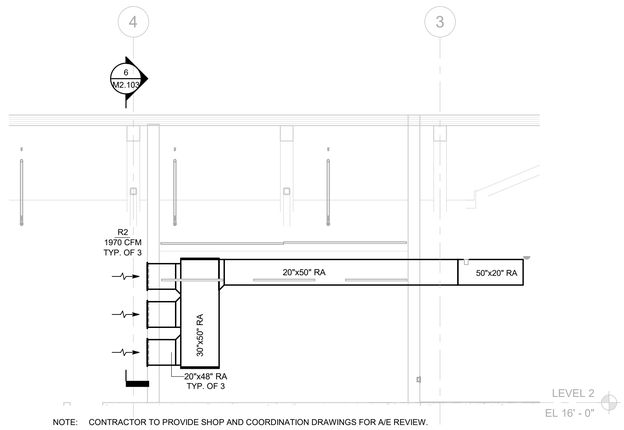
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

3 AHU-1 MAIN
1/8" = 1'-0"



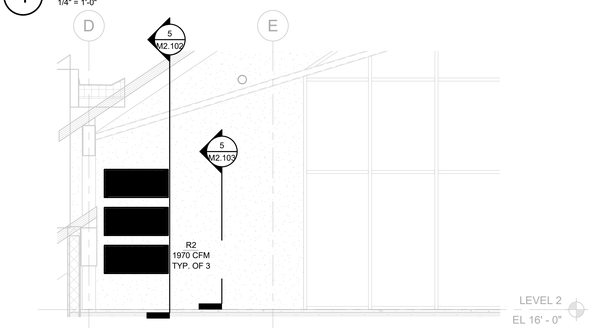
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

4 AHU-2 MAIN
1/4" = 1'-0"



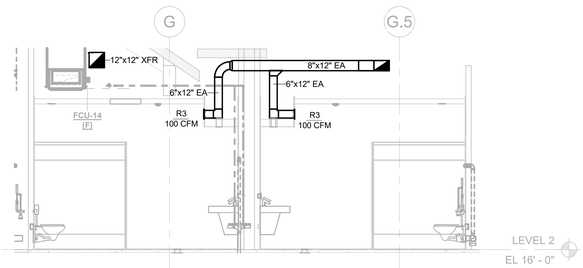
NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

5 AHU-2 RA GRILLE PROFILE
1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

6 AHU-2 RA GRILLE FACE
1/4" = 1'-0"



NOTE: CONTRACTOR TO PROVIDE SHOP AND COORDINATION DRAWINGS FOR A/E REVIEW.

7 SECOND FLOOR RESTROOM EXHAUST
1/4" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

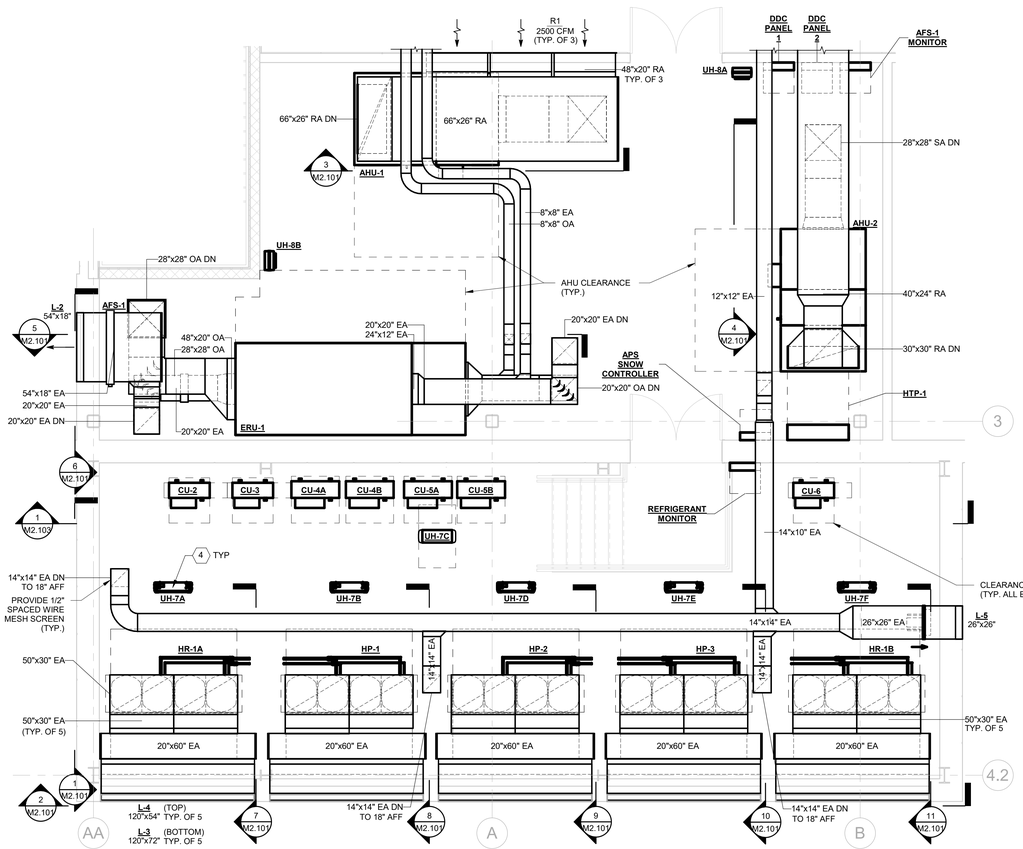
SHEET TITLE:
MECHANICAL SECTION VIEWS
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

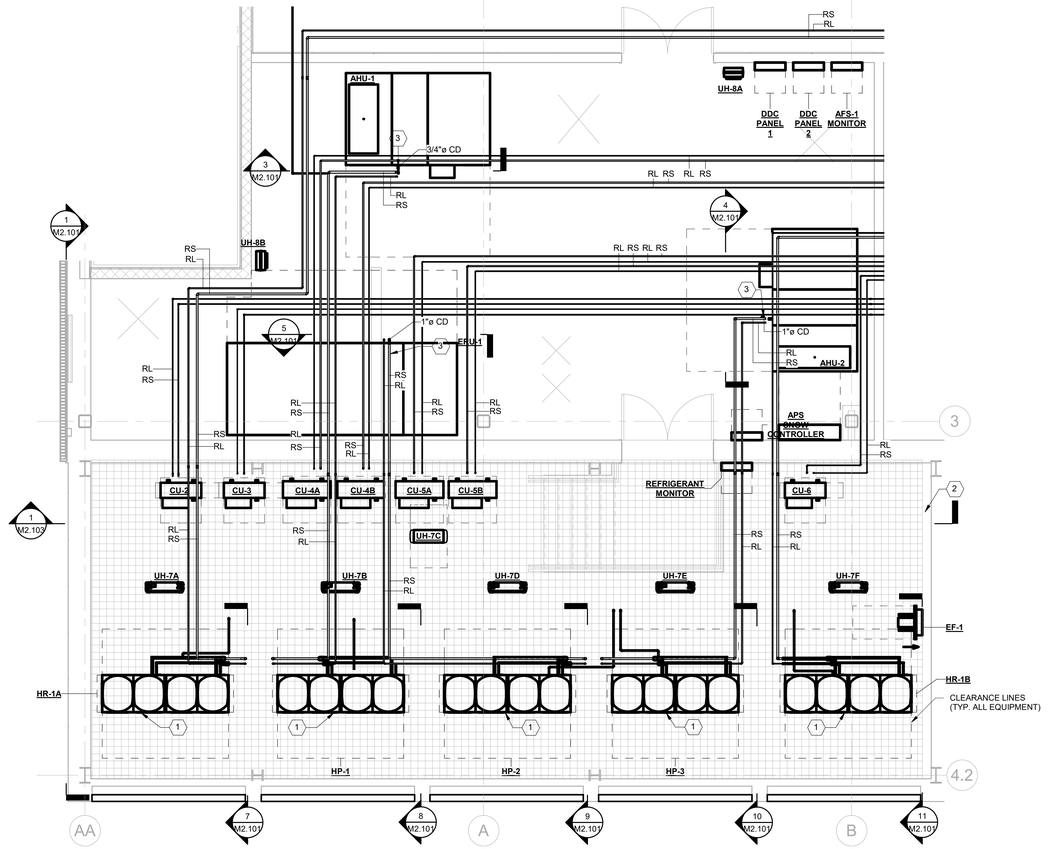
SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M2.103



1 MECHANICAL SUITE ENLARGED PLAN - HVAC

1/4" = 1'-0"



2 MECHANICAL SUITE ENLARGED PLAN - HYDRONIC

1/4" = 1'-0"

KEYED NOTES

1. PROVIDE HEAT TRACING FOR CONDENSATE DRIP PAN UNDERNEATH CONDENSING UNITS. PROVIDE HEAT TRACING DRAIN LINE TO FLOOR DRAIN.
2. PROVIDE 2" THICK ELASTOMERIC INSULATION FOR ALL PIPING SHOWN IN THE OUTLINED AREA.
3. ROUTE CONDENSATE LINE TO NEAREST FLOOR DRAIN.
4. DIRECT 45° TOWARD VRF CONDENSER UNIT WORKING AREA.

GENERAL NOTES

1. ALL EXPOSED SUPPLY DUCTS SHALL BE DOUBLE-WALL CONSTRUCTION AND PAINTED.
2. COORDINATE DUCT PENETRATIONS WITH STRUCTURAL.
3. PROVIDE HEAT TRACING FOR ALL HOT WATER SYSTEM PIPING.

GRAPHIC SCALE:
0' 4' 8' 12'

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL ENLARGED PLANS

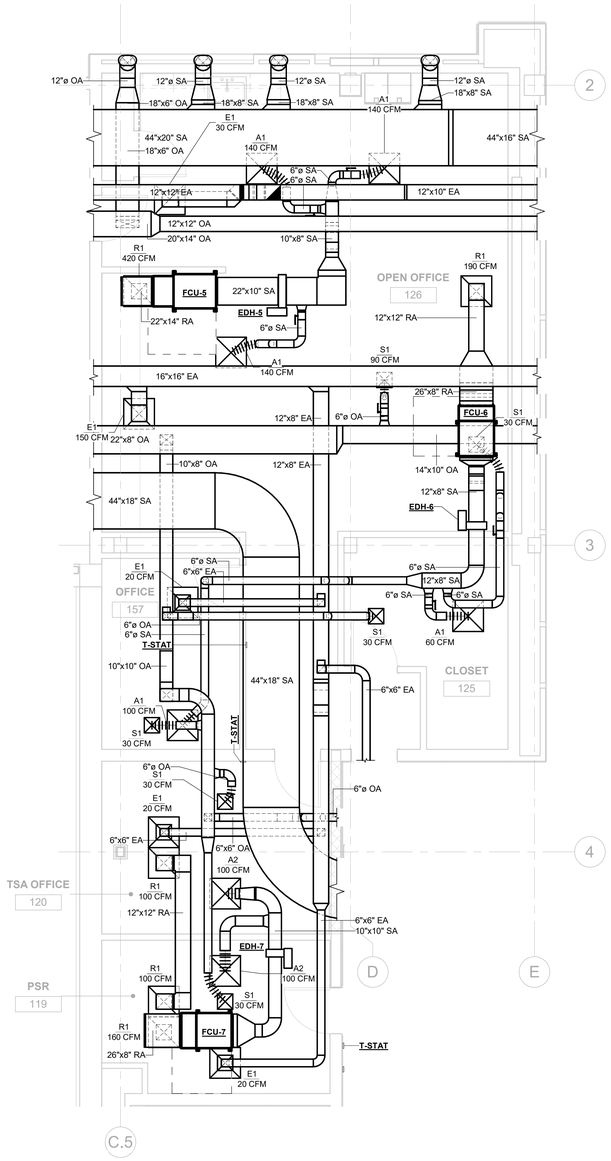
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

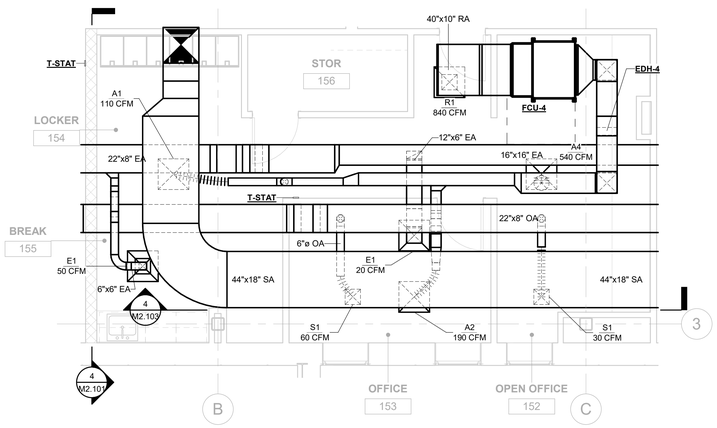
SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M4.101



1 TSA OFFICE ENLARGED PLAN - HVAC

1/4" = 1'-0"



2 GENERAL AIRLINE OFFICE ENLARGED PLAN - HVAC

1/4" = 1'-0"

KEYED NOTES

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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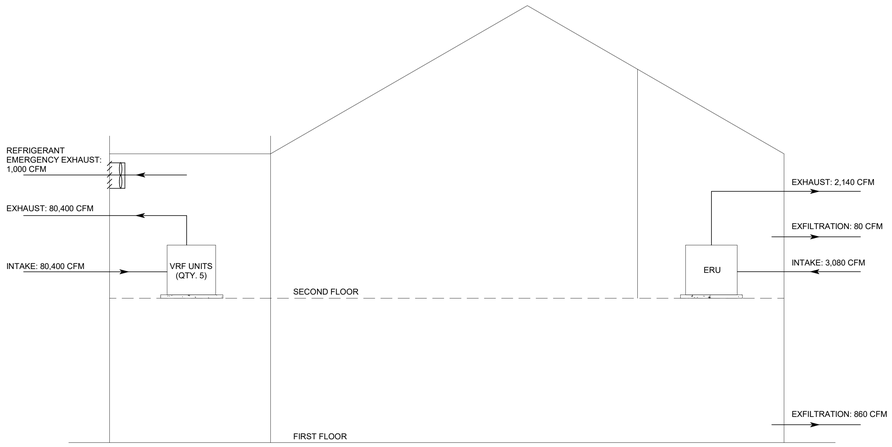
M4.102

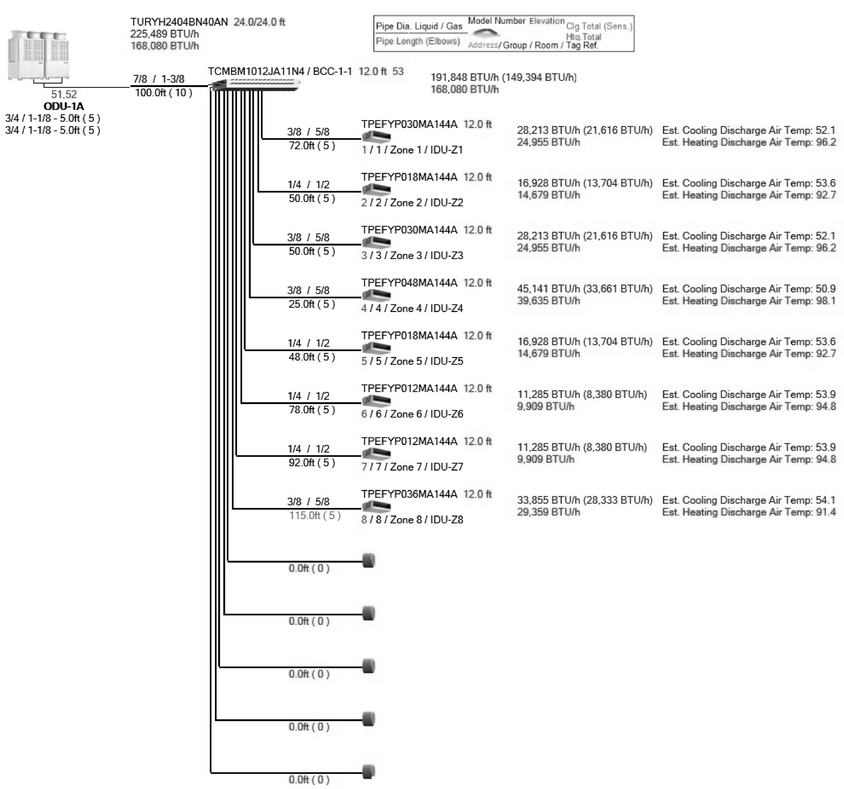
GRAPHIC SCALE: 0' 4' 8' 12'



1 BUILDING PRESSURIZATION DIAGRAM

SCALE: N.T.S.

Design View Piping Diagrams



2 HR-1A VRF FLOW DIAGRAM

SCALE: NTS

3 HP-1 VRF FLOW DIAGRAM

SCALE: NTS

4 HP-2 VRF FLOW DIAGRAM

SCALE: NTS

5 HP-3 VRF FLOW DIAGRAM

SCALE: NTS

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60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL DIAGRAMS

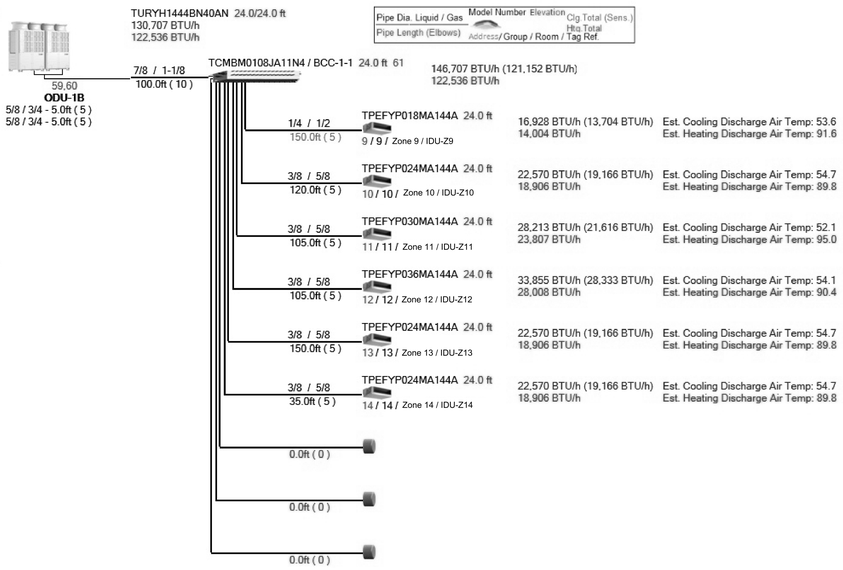
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M5.101



1 HR-1B VRF FLOW DIAGRAM

SCALE: NTS

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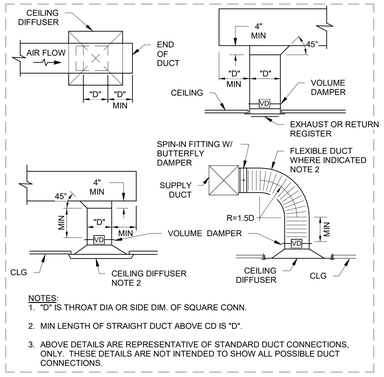
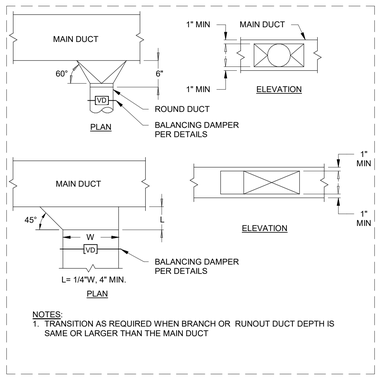


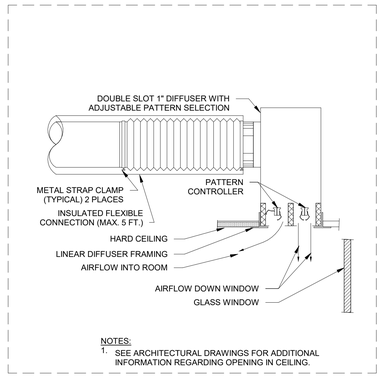
NOTES:
1. "D" IS THROAT DIA OR SIDE DIM. OF SQUARE CONN.
2. MIN LENGTH OF STRAIGHT DUCT ABOVE CD IS "D".
3. ABOVE DETAILS ARE REPRESENTATIVE OF STANDARD DUCT CONNECTIONS, ONLY. THESE DETAILS ARE NOT INTENDED TO SHOW ALL POSSIBLE DUCT CONNECTIONS.

1 DUCT CONNECTION DETAILS
SCALE: N.T.S.



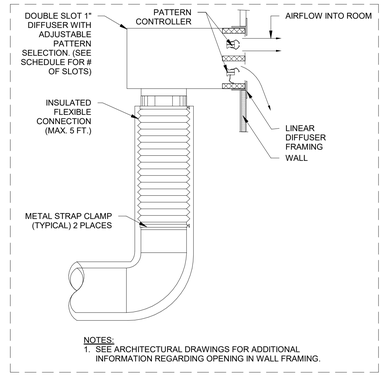
NOTES:
1. TRANSITION AS REQUIRED WHEN BRANCH OR RUNOUT DUCT DEPTH IS SAME OR LARGER THAN THE MAIN DUCT

2 DUCT TAKE-OFF DETAIL
SCALE: N.T.S.



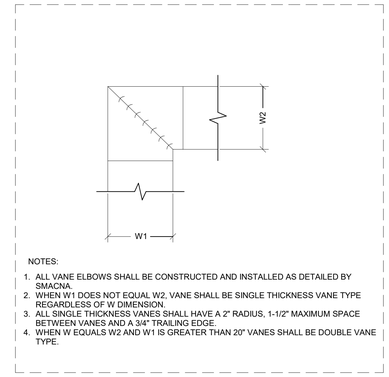
NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING OPENING IN CEILING.

3 LINEAR DIFFUSER DETAIL - CEILING
SCALE: N.T.S.



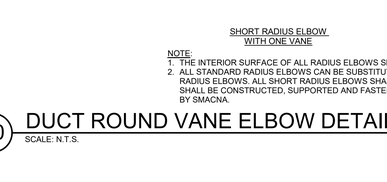
NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING OPENING IN WALL FRAMING.

4 LINEAR DIFFUSER DETAIL - SIDEWALL
SCALE: N.T.S.

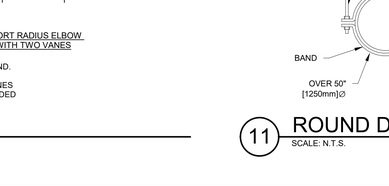


NOTES:
1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" RADIUS, 1-1/2" MAXIMUM SPACE BETWEEN VANES AND A 3/4" TRAILING EDGE.
4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" VANES SHALL BE DOUBLE VANE TYPE.

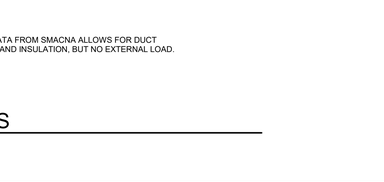
5 DUCT SQUARE VANE ELBOW DETAIL
SCALE: NTS



6 FLEXIBLE DUCT TO DIFFUSER DETAIL
SCALE: N.T.S.



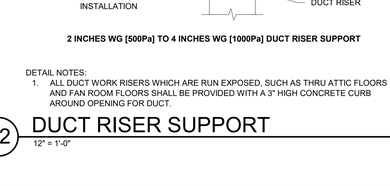
7 ACCESS SECTION FOR ROUND DUCT DETAIL
SCALE: N.T.S.



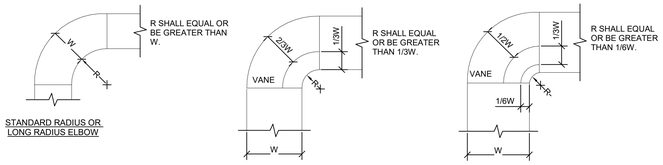
ACCESS PANEL SIZE SCHEDULE	
DUCT SIZE	ACCESS PANEL SIZE
6" TO 15"	10" W x (DUCT DEPTH - 2")D
15" TO 21"	12" W x (DUCT DEPTH - 2")D
21" AND ABOVE	18" W x (DUCT DEPTH - 2")D

ALL OTHER ACCESS PANELS TO BE A MINIMUM OF 15" x 15" WHERE DUCT SIZE ALLOWS. USE FOR CAM LATCHES ON PANELS LARGER THAN 15" x 15" SIZE.

8 DUCT ACCESS PANEL DETAIL
SCALE: N.T.S.

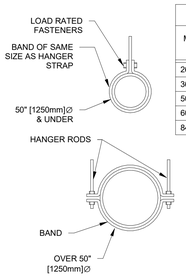


9 RETURN AIR TRANSFER DUCT DETAIL
SCALE: N.T.S.



NOTE:
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

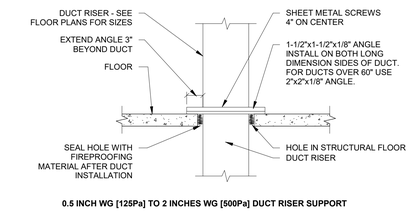
10 DUCT ROUND VANE ELBOW DETAIL
SCALE: N.T.S.



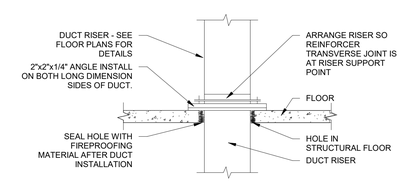
HANGER STRAPS OR RODS			
MAX. DUCT Ø IN. [mm]	QUANTITY / SIZE IN. [mm]	MAX. LOAD LBS [kg]	MAX. SPACING IN. [mm]
26 [650]	ONE 1 [25] x 22 GA STRAP	260 [119]	144 [3600]
36 [950]	ONE 1 [25] x 18 GA STRAP	420 [190]	144 [3600]
50 [1250]	ONE 1 [25] x 16 GA STRAP	700 [317]	144 [3600]
60 [1500]	TWO 3/8 [10]Ø RODS	1320 [598]	144 [3600]
84 [2100]	TWO 1/2 [13]Ø RODS	2500 [1133]	144 [3600]

NOTE:
TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.

11 ROUND DUCT HANGERS
SCALE: N.T.S.



0.5 INCH WG [125Pa] TO 2 INCHES WG [500Pa] DUCT RISER SUPPORT



2 INCHES WG [500Pa] TO 4 INCHES WG [1000Pa] DUCT RISER SUPPORT

DETAIL NOTES:
1. ALL DUCT WORK RISERS WHICH ARE RUN EXPOSED, SUCH AS THRU ATTIC FLOORS AND FAN ROOM FLOORS SHALL BE PROVIDED WITH A 3" HIGH CONCRETE CURB AROUND OPENING FOR DUCT.

12 DUCT RISER SUPPORT
12" = 1'-0"

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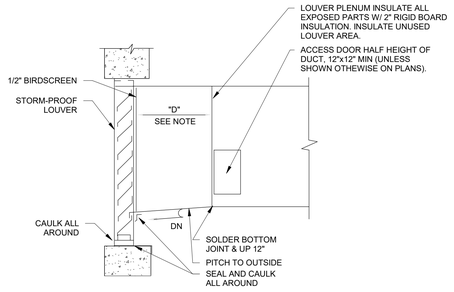
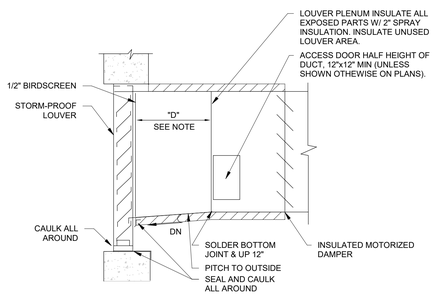


1 LOUVER CONNECTION DETAIL (FOR VRF ROOM)

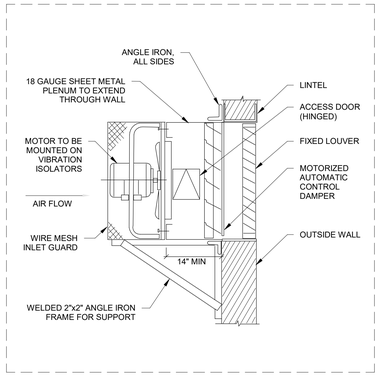
SCALE: N.T.S.



DETAIL NOTES:
1. WHEN "D" IS OVER 24" PROVIDE 3/4" DRAIN AT 5'-0" CENTERS (IF DEPTH INTO PAPER IS GREATER THAN 5'-0"), 6" FROM LOUVER WITH TRAP.
2. INSULATE PLENUM AND INTAKE/EXHAUST DUCTWORK FROM LOUVER TO INSULATED CONTROL DAMPER.

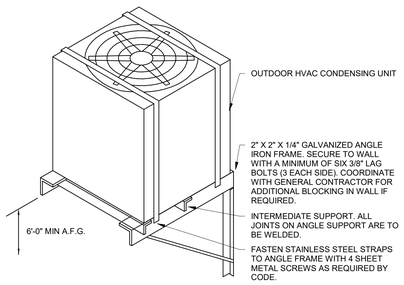
2 LOUVER CONNECTION DETAIL (FOR AHUS)

SCALE: N.T.S.



3 PROPELLER FAN DETAIL

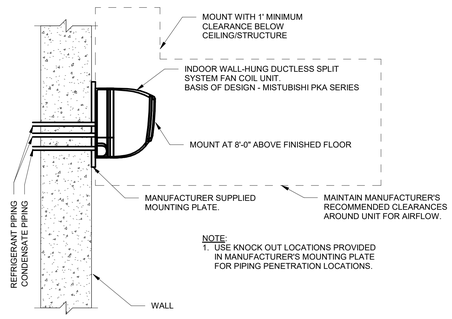
SCALE: N.T.S.



NOTES:
1. PROVIDE 6" BEHIND AND 12" CLEARANCE ON THE REMAINING 3 SIDES, OR AS RECOMMENDED BY MANUFACTURER.
2. CONTRACTOR OPTION TO USE EQUIPMENT MANUFACTURER-PROVIDED WALL BRACKET. FOLLOW MANUFACTURER'S INSTALLATION REQUIREMENTS.
3. PROVIDE WIND BAFFLES FOR ALL UNITS.

4 WALL-MOUNTED CONDENSING UNIT DETAIL

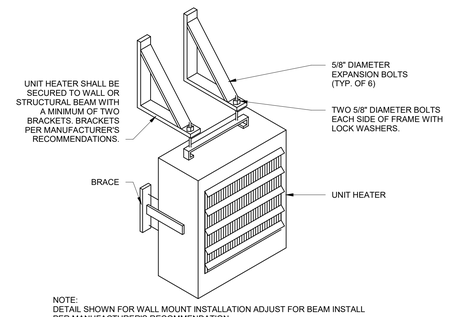
SCALE: N.T.S.



NOTE:
1. USE KNOCK OUT LOCATIONS PROVIDED IN MANUFACTURER'S MOUNTING PLATE FOR PIPING PENETRATION LOCATIONS.

5 DUCTLESS MINI SPLIT SYSTEM DETAIL

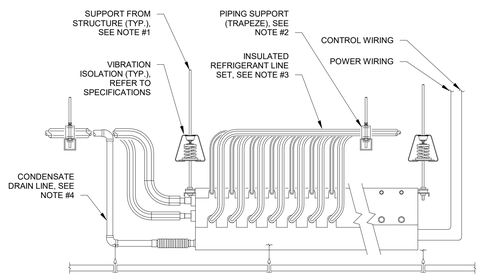
SCALE: N.T.S.



NOTE:
DETAIL SHOWN FOR WALL MOUNT INSTALLATION ADJUST FOR BEAM INSTALL PER MANUFACTURER'S RECOMMENDATION.

6 UNIT HEATER MOUNTING DETAIL

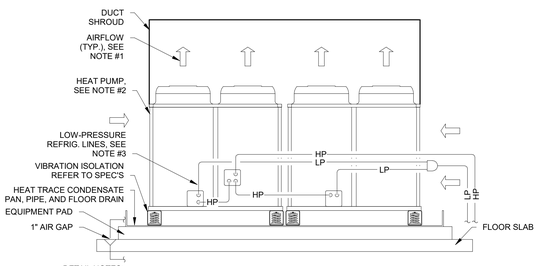
SCALE: N.T.S.



NOTES:
1. PROVIDE THREADED ROD AND RESTAINED SPRING ISOLATORS (AS SPECIFIED) TO SUPPORT UNIT.
2. PROVIDE UNI-STRUT (OR SIMILAR) TRAPEZE HANGERS AND PIPE CLAMPS. INSTALL PIPEWORK IN A NEAT AND WORKMANLIKE MANNER. RUN PARALLEL TO BUILDING STRUCTURE.
3. EXTEND REFRIGERANT LINE SETS TO ASSOCIATED BRANCH CIRCUIT CONTROLLER. REFER TO VRF PIPING DIAGRAM FOR PIPE ROUTING AND SIZES. INSULATE ALL REFRIFERANT LINES.
4. PROVIDE MANUFACTURER'S CONDENSATE LIFT KIT (MAXIMUM 24" LIFT). TERMINATE AT NEAREST INDIRECT WASTE RECEPTOR. WHERE CONDENSATE CAN DRAIN BY GRAVITY, LIFT KIT MAY BE OMITTED. CUT/PATCH FOR INSTALLATION OF CEILING-MOUNTED UNITS. PROVIDE ADDITIONAL GRID-TEE AS REQUIRED.
5. INSTALLATION MUST BE BY FACTORY CERTIFIED INSTALLER. CERTIFICATION MUST BE SUBMITTED TO A/E FOR REVIEW PRIOR TO INSTALL.

7 VRF REFRIGERANT CONTROLLER

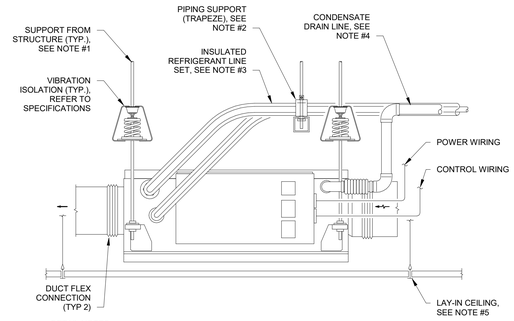
SCALE: N.T.S.



DETAIL NOTES:
1. PROVIDE DUCT FULL SIZE OF UNIT DIMENSIONS. SMOOTH TRANSITIONS TO REDUCE STATIC PRESSURE LOSS. USE HIGH STATIC CONDENSER FANS.
2. HEAT PUMP UNIT(S) - REFER TO SCHEDULE FOR QUANTITY AND CONFIGURATION.
3. PROVIDE TWINNING KIT FOR HIGH- / LOW- PRESSURE REFRIGERANT LINES IF REQUIRED. EXTEND TO REFRIGERANT CONTROLLER.
4. EXTEND CONTROL LINES FROM OUTDOOR HEAT PUMP TO (INDOOR) REFRIGERANT CONTROLLER.
5. INSTALLATION MUST BE BY FACTORY-CERTIFIED INSTALLER. CERTIFICATION MUST BE SUBMITTED TO A/E FOR REVIEW PRIOR TO INSTALL.

8 VRF HEAT PUMP MOUNTING DETAIL

SCALE: N.T.S.



DETAIL NOTES:
1. PROVIDE THREADED ROD AND RESTAINED SPRING ISOLATORS (AS SPECIFIED) TO SUPPORT UNIT.
2. PROVIDE UNI-STRUT (OR SIMILAR) TRAPEZE HANGERS AND PIPE CLAMPS. INSTALL PIPEWORK IN A NEAT AND WORKMANLIKE MANNER. RUN PARALLEL TO BUILDING STRUCTURE.
3. EXTEND REFRIGERANT LINE SETS TO ASSOCIATED BRANCH CIRCUIT CONTROLLER. REFER TO VRF PIPING DIAGRAM FOR PIPE ROUTING AND SIZES. INSULATE ALL REFRIFERANT LINES.
4. PROVIDE MANUFACTURER'S CONDENSATE LIFT KIT (MAXIMUM 24" LIFT). TERMINATE AT NEAREST INDIRECT WASTE RECEPTOR. WHERE CONDENSATE CAN DRAIN BY GRAVITY, LIFT KIT MAY BE OMITTED.
5. CUT/PATCH FOR INSTALLATION OF CEILING-MOUNTED UNITS. PROVIDE ADDITIONAL GRID-TEE AS REQUIRED.
6. INSTALLATION MUST BE BY FACTORY-CERTIFIED INSTALLER. CERTIFICATION MAY BE SUBMITTED TO A/E FOR REVIEW PRIOR TO INSTALL.

9 VRF CASSETTE FAN COIL

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AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:

AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

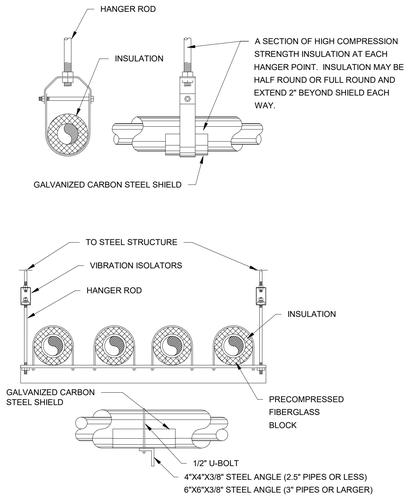
SHEET TITLE:
MECHANICAL DETAILS
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

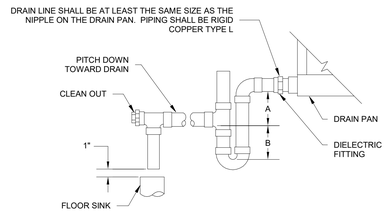
SCALE:	DATE:
AS NOTED	03/08/2024

SHEET NUMBER:
M6.102



1 PIPING HANGER DETAILS

SCALE: N.T.S.



NOTES:

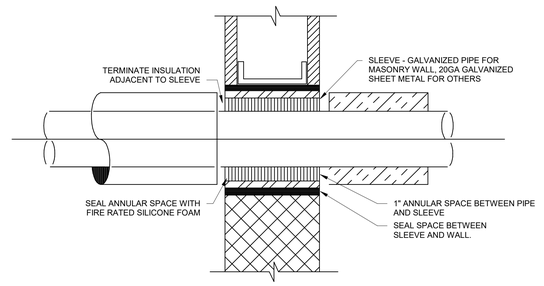
1. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE TO BE CONNECTED.

UNIT TYPE	A	B
DRAW THRU	2" PLUS X	X
BLOW THRU	1" MINIMUM	2X

WHERE X = STATIC PRESSURE IN PAN

2 CONDENSATE DRAIN TRAP DETAIL

SCALE: N.T.S.



NOTES:

1. ON COLD SYSTEMS SEAL ALL INTERFACES VAPOR TIGHT
2. CAST-IN-PLACE - FIRE RATED SILICONE SEALER
   CORED HOLES - SILICONE SEALER
   EXTERIOR WALLS - ABOVE GRADE: SILICONE SEALER
   EXTERIOR WALLS - BELOW GRADE: MODULAR LINK SEAL

3 PIPE WALL PENETRATION DETAIL

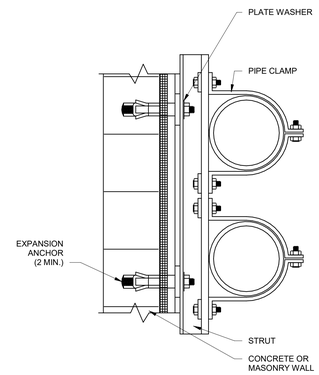
SCALE: N.T.S.

NOTE:

ALL DUCTWORK TO BE SUPPORTED PER LATEST EDITION OF "SMACNA HVAC DUCT CONSTRUCTION STANDARDS"

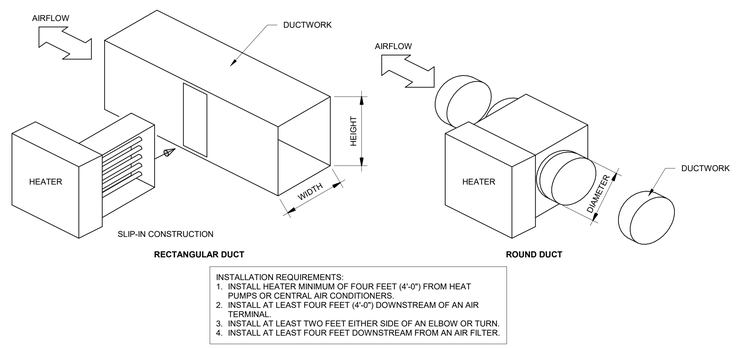
4 DUCT HANGER DETAIL

SCALE: N.T.S.



5 WALL-MOUNTED PIPING SUPPORT DETAIL

SCALE: NTS



RECTANGULAR DUCT

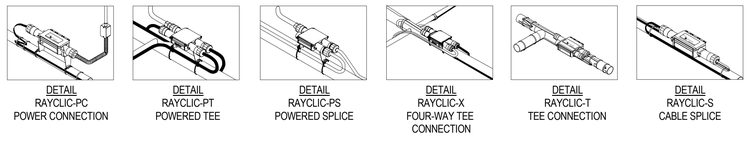
ROUND DUCT

INSTALLATION REQUIREMENTS:

1. INSTALL HEATER MINIMUM OF FOUR FEET (4'-0") FROM HEAT PUMPS OR CENTRAL AIR CONDITIONERS.
2. INSTALL AT LEAST FOUR FEET (4'-0") DOWNSTREAM OF AN AIR TERMINAL.
3. INSTALL AT LEAST TWO FEET EITHER SIDE OF AN ELBOW OR TURN.
4. INSTALL AT LEAST FOUR FEET DOWNSTREAM FROM AN AIR FILTER.

6 DUCT HEATER CONNECTION DETAIL

SCALE: N.T.S.



DETAIL
RAYCLIC-PC
POWER CONNECTION

DETAIL
RAYCLIC-PT
POWERED TEE

DETAIL
RAYCLIC-PS
POWERED SPLICE

DETAIL
RAYCLIC-X
FOUR-WAY TEE CONNECTION

DETAIL
RAYCLIC-T
TEE CONNECTION

DETAIL
RAYCLIC-S
CABLE SPLICE

DETAIL
HEATING CABLE ON VALVE, LOOP LENGTH DETERMINED BY VALVE SIZE

DETAIL
SHIELD HEATING CABLE FROM FLAMES

DETAIL
TRACE WARNING LABELS

DETAIL
PROTECT HEATING CABLE AT FLOOR PENETRATIONS

DETAIL
SLEEVE HEATING CABLE THROUGH PENETRATION

DETAIL
INSULATION WITH WEATHERPROOF CLADDING

DETAIL
AT-180 AL TAPE ALONG FULL LENGTH OF HEATING CABLE

DETAIL
PIPE HANGER WITH HEATING CABLE

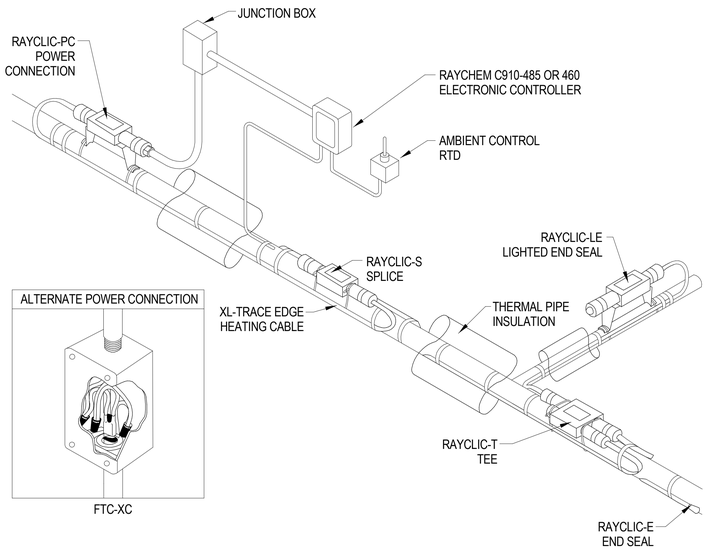
DETAIL
BEND HEATING CABLE ON EDGE

DETAIL
ATTACH USING FIBERGLASS TAPE

DETAIL
SEALING INSULATION DO NOT USE STAPLES

7 HEAT TRACE GENERAL PIPING ATTACHMENT DETAILS

SCALE: N.T.S.



MANUFACTURER NOTES:

1. HEATING CABLE (PLUMBING, MECHANICAL, FIRE PROTECTION) - USE NVENT RAYCHEM XL-TRACE EDGE SELF-REGULATING HEATING CABLE MANUFACTURED BY NVENT THERMAL MANAGEMENT. THE HEATING CABLE SHALL OPERATE ON LINE VOLTAGES OF 208- 277 VOLTS WITHOUT THE USE OF TRANSFORMERS. ABOVE GROUND PIPING, HEATING CABLE SHALL HAVE POLYOLEFIN (-CR) OUTER JACKET. BELOW GROUND PIPING, HEATING CABLE SHALL HAVE FLUOROPOLYMER (-CT) OUTER JACKET.
2. CONNECTION KITS - NVENT RAYCHEM RAYCLIC CONNECTION KITS. ALL COMPONENTS SHALL BE UV STABILIZED AND NOT REQUIRE THE INSTALLING CONTRACTOR TOCUT INTO THE HEATING-CABLE CORE TO EXPOSE THE BUS WIRES.
3. ACCESSORIES - HIGH TEMPERATURE, GLASS FILAMENT TAPE FOR ATTACHMENT OF HEATING CABLE TO METAL PIPE. HIGH TEMPERATURE, ALUMINUM TAPE FORATTACHMENT OF HEATING CABLE TO PLASTIC PIPE. PROVIDE WARNING LABELS EVERY 10 FEET ON EXTERIOR OF INSULATION, OPPOSITE SIDES OF PIPE.

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. RAYCLIC-PC AND FTC-XC POWER CONNECTION KITS INCLUDE RAYCLIC-E END SEAL.

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AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

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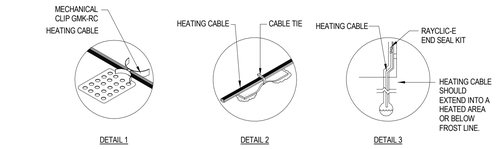
M6.103



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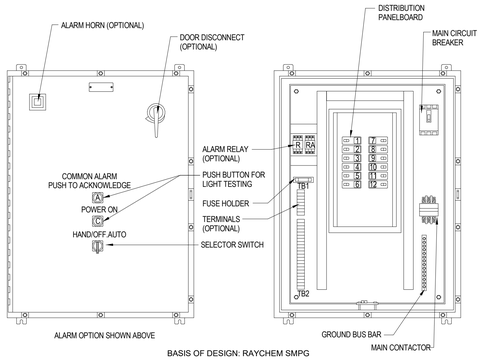
1 CABLE ATTACHMENT FOR ROOF/GUTTER DEICING

SCALE: N.T.S.



BASIS OF DESIGN: RAYCHEM SMPG

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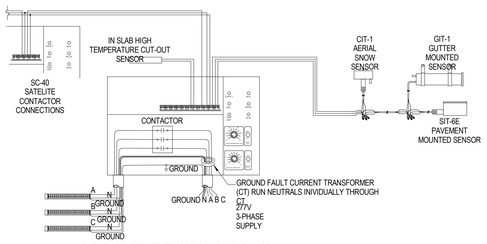
2 HEAT TRACE POWER DISTRIBUTION PANEL

SCALE: N.T.S.



APS-4 SNOW CONTROLLER (ETI PART 22475, 277/480 3 PHASE) AND SC-40 SATELITE CONTACTORR (ETI PART 22480, 277/480 3 PHASE) 277V 3-PHASE (WYE) TYPICAL WIRING SHCEMATIC

3 HEAT TRACE SNOW CONTROLLER

SCALE: N.T.S.

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AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M6.104

AIR HANDLING UNIT SCHEDULE (DIRECT EXPANSION) (PART 1 OF 2)

UNIT DATA			BASIS OF DESIGN		SUPPLY FAN DATA									EXHAUST FAN DATA									ENTHALPY FIXED PLATE DATA			
					PERFORMANCE DATA						ELECTRICAL DATA												SUMMER MODE		WINTER MODE	
TAG	LOCATION	FUNCTION	MANUFACTURER	MODEL	FLOW [CFM]	ESP [IN.W.C.]	FAN TYPE	# FANS	HP	BHP	V	PH	MCA	VFD	FLOW [CFM]	ESP [IN. W.C.]	FAN TYPE	# FANS	HP	BHP	V	PH	MCA	VFD	OA EAT DB/WB [°F]	RA EAT DB/WB [°F]	OA EAT DB/WB [°F]	RA EAT DB/WB [°F]
AHU-1	AHU ROOM	NORTH TERMINAL	TRANE	CSAA017	7,500	2.0	DIRECT DRIVE	2	5.0	3.5	460	3	18.45	Yes														
AHU-2	AHU ROOM	SOUTH TERMINAL	TRANE	CSAA12	5,900	2.3	DIRECT DRIVE	1	7.5	6.7	460	3	13.75	Yes														
ERU-1	AHU ROOM	VENTILATION	ANNEXAIR	ERP-I-03-HE	3,080	1.5	DIRECT DRIVE	1	5.0	3.07	460	3	-	Yes	2,140	1.5	DIRECT DRIVE	1	2.0	1.62	460	3	-	Yes	84.5	76.7	-29.6	71.5

AIR HANDLING UNIT SCHEDULE (DIRECT EXPANSION) (PART 2 OF 2)

PREHEAT COIL DATA					COOLING COIL DATA							REHEAT COIL DATA			GENERAL DATA			
				ELECTRICAL DATA														
TAG	TYPE	CAPACITY [kW]	EAT / LAT [°F]	V	PH	FLUID	REFRIGERANT CHARGE [LBS]	TOTAL CAPACITY [MBH]	SENSIBLE CAPACITY [MBH]	EAT DB/WB [°F]	LAT DB/WB [°F]	ROWS	FLUID	CAPACITY [kW]	EAT / LAT [°F]	FILTER	EMERGENCY POWER	WEIGHT [LBS]	SCHEDULE NOTES
AHU-1					R-410A	FROM VENDOR	238.0	212.5	76.5 / 61.6	53.9 / 53.8	4				MERV-13	NO	1,779	1-4, 6-9
AHU-2					R-410A	FROM VENDOR	184.1	169.3	75.8 / 61.4	53.8 / 53.8	4				MERV-13	NO	1,523	1-4, 6-9
ERU-1	SSR ELECTRIC HEAT	57.0	-29.6 / 28.0	460	3	R-410A	FROM VENDOR	240.0	--	92.4 / 75.8	53.0 / 52.5	8	SSR ELECTRIC HEAT	20	49.6 / 70.0	MERV-13	YES	3,573	1-3, 5-9

NOTES:
1. PROVIDE LINEAR EXPANSION VALVE (LEV) CONTROL BOX AND VALVE ASSEMBLY KIT.
2. SELECT UNIT WITH DIRTY FILTER ALLOWANCE. OUTSIDE AIR SHALL HAVE A MERV-8 PRE-FILTER AND MERV-13 FINAL FILTER. RETURN AIR SHALL HAVE A MERV-13 PRE-FILTER.
3. PROVIDE SMOKE DETECTOR IN BOTH SUPPLY AND RETURN DUCT.
4. PROVIDE UNIT-MOUNTED VFD WITHOUT BYPASS.
5. PROVIDE UNIT-MOUNTED VFD WITH BYPASS.
6. PROVIDE MANUFACTURER PROVIDED REFRIGERANT LINE SET.
7. PROVIDE WITH BACnet COMPATABILITY.
8. PROVIDE UNIT WITH INSULATED DAMPERS AT INLET AND OUTLET OF BUILDING, EXTERNAL TO UNIT.
9. PROVIDE UNIT WITH SEISMIC IMPORTANCE FACTOR 1.25, BUILDING SITE CLASSIFICATION C, AND BUILDING RISK CATEGORY III.

FAN COIL / BLOWER COIL SCHEDULE

UNIT DATA				FAN DATA					COOLING COIL DATA					HEATING COIL			SUPPLEMENTAL HEAT [EDH]			GENERAL DATA		BASIS OF DESIGN		
TAG	LOCATION	FUNCTION	TYPE	AIRFLOW [CFM]	ESP [IN.W.C.]	FAN TYPE	V	PH	FLUID	TOTAL CAP. [MBH]	SENSIBLE CAP. [MBH]	EAT db/wb [°F]	LAT db/wb [°F]	FLUID	CAPACITY [MBH]	EAT/LAT [°F]	ELECTRIC kW	STAGES	V / PH	FILTER	WEIGHT [LBS]	MANUFACTURER	MODEL	SCHEDULE NOTES
FCU-1	RENTAL CAR OFFICES	HEAT / COOL	HORIZONTAL	580	0.6	DIRECT DRIVE, ECM	208	1	R-410A	13.9	12.5	76.7 / 61.0	53.9 / 53.8	R-410A	25.1	73.6 / 85.0	8.0	3	480 / 3	MERV-13	47	MITSUBISHI ELECTRIC	PEFY-P30NMHU-E2	1-4
FCU-2	RENTAL CAR WAITING	HEAT / COOL	HORIZONTAL	280	0.6	DIRECT DRIVE, ECM	208	1	R-410A	7.9	6.8	76.7 / 61.0	53.9 / 53.8	R-410A	13.3	73.6 / 85.0	3.0	1	480 / 3	MERV-13	47	MITSUBISHI ELECTRIC	PEFY-P18NMHU-E2	1-4
FCU-3	BAG SCREEN	HEAT / COOL	HORIZONTAL	450	0.6	DIRECT DRIVE, ECM	208	1	R-410A	11.4	10.7	75.9 / 61.2	53.9 / 53.8	R-410A	25.7	73.6 / 85.0	8.0	3	480 / 3	MERV-13	67	MITSUBISHI ELECTRIC	PEFY-P30NMHU-E2	1-4
FCU-4	GENERAL OFFICE SPACE	HEAT / COOL	HORIZONTAL	840	0.6	DIRECT DRIVE, ECM	208	1	R-410A	20.2	19.5	75.9 / 61.2	53.9 / 53.8	R-410A	35.9	73.6 / 85.0	11.0	3	480 / 3	MERV-13	47	MITSUBISHI ELECTRIC	PEFY-P48NMHU-E2	1-4
FCU-5	TSA WORKSPACE + OFFICE	HEAT / COOL	HORIZONTAL	420	0.6	DIRECT DRIVE, ECM	208	1	R-410A	10.6	10.0	76.6 / 61.5	53.9 / 53.8	R-410A	15.4	73.6 / 85.0	4.0	2	480 / 3	MERV-13	67	MITSUBISHI ELECTRIC	PEFY-P18NMHU-E2	1-4
FCU-6	TSA OFFICES	HEAT / COOL	HORIZONTAL	190	0.6	DIRECT DRIVE, ECM	208	1	R-410A	4.9	4.3	76.6 / 61.5	53.9 / 53.8	R-410A	9.2	73.6 / 85.0	3.0	1	480 / 3	MERV-13	47	MITSUBISHI ELECTRIC	PEFY-P12NMAU-E3	1-3
FCU-7	TSA OFFICE + PSR	HEAT / COOL	HORIZONTAL	200	0.6	DIRECT DRIVE, ECM	208	1	R-410A	4.3	3.0	76.8 / 61.5	53.9 / 53.8	R-410A	7.4	73.6 / 85.0	3.0	1	480 / 3	MERV-13	47	MITSUBISHI ELECTRIC	PEFY-P12NMAU-E3	1-4
FCU-8	SECURITY CHECKPOINT	HEAT / COOL	HORIZONTAL	1,080	0.6	DIRECT DRIVE, ECM	208	1	R-410A	30.2	28.5	76.8 / 61.5	53.9 / 53.8	R-410A	18.6	73.6 / 85.0	6.0	2	480 / 3	MERV-13	58	MITSUBISHI ELECTRIC	PEFY-P36NMHU-E2	1-4
FCU-9	UPSTAIRS PERIMETER OFFICES	HEAT / COOL	HORIZONTAL	330	0.6	DIRECT DRIVE, ECM	208	1	R-410A	8.1	7.4	75.7 / 61.2	53.9 / 53.8	R-410A	11.6	73.6 / 85.0	4.0	2	480 / 3	MERV-13	58	MITSUBISHI ELECTRIC	PEFY-P12NMAU-E3	1-4
FCU-10	UPSTAIRS OFFICE SPACE	HEAT / COOL	HORIZONTAL	470	0.6	DIRECT DRIVE, ECM	208	1	R-410A	11.4	10.1	76.0 / 61.3	53.9 / 53.8	R-410A	15.0	73.6 / 85.0	6.0	2	480 / 3	MERV-13	58	MITSUBISHI ELECTRIC	PEFY-P24NMHU-E2	1-4
FCU-11	BOARDROOM	HEAT / COOL	HORIZONTAL	500	0.6	DIRECT DRIVE, ECM	208	1	R-410A	17.0	15.9	75.9 / 61.2	53.9 / 53.8	R-410A	18.9	73.6 / 85.0	6.0	2	480 / 3	MERV-13	58	MITSUBISHI ELECTRIC	PEFY-P24NMHU-E2	1-4
FCU-12	PASSENGER WAITING	HEAT / COOL	HORIZONTAL	740	0.6	DIRECT DRIVE, ECM	208	1	R-410A	18.0	16.3	76.0 / 61.3	53.9 / 53.8	R-410A	24.4	73.6 / 85.0	8.0	3	480 / 3	MERV-13	TBD	MITSUBISHI ELECTRIC	PEFY-P36NMHU-E2	1-4
FCU-13	MAINTENANCE OFFICES	HEAT / COOL	HORIZONTAL	360	0.6	DIRECT DRIVE, ECM	208	1	R-410A	8.8	7.8	76.9 / 61.6	53.9 / 53.8	R-410A	15.5	73.6 / 85.0	5.0	2	480 / 3	MERV-13	TBD	MITSUBISHI ELECTRIC	PEFY-P24NMHU-E2	1-4
FCU-14 (F)	FUTURE EXPANSION	HEAT / COOL	HORIZONTAL	100	0.6	DIRECT DRIVE, ECM	208	1	R-410A	2.5	2.1	76.0 / 60.8	53.9 / 53.8	R-410A	5.0	73.6 / 85.0	4.0	2	480 / 3	MERV-13	47	MITSUBISHI ELECTRIC	PEFY-P24NMHU-E2	1-4

NOTES:
1. PROVIDE WITH DIRTY FILTER ALLOWANCE.
2. PROVIDE WITH EC MOTOR.
3. MOUNT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. PROVIDE WITH CN24 RELAY KIT.
5. SUPPLEMENTAL HEAT VIA MARLEY (OR APPROVED EQUAL) DUCT HEATER.

DUCTLESS SPLIT SYSTEM SCHEDULE (DX)

UNIT DATA					BASIS OF DESIGN		UNIT DATA		ELECTRICAL DATA					COMPRESSOR DATA		
TAG	LOCATION	FUNCTION	TYPE	OUTDOOR UNIT TAG	MANUFACTURER	INDOOR MODEL	TOTAL CAPACITY [MBH]	SENSIBLE CAPACITY [MBH]	VOLT	PH	MCA	FLA	EMERGENCY POWER	FLUID	TYPE	SCHEDULE NOTES
AC-1	ELEV. MACH. ROOM	COOL ONLY	WALL-MOUNT	CU-1	MITSUBISHI ELECTRIC	PKA-A36KA7	30.0	29.9	208	1	1.0	0.27	NO	R-410A	INVERTER DRIVEN	1-3
AC-2	IDF	COOL ONLY	WALL-MOUNT	CU-2	MITSUBISHI ELECTRIC	PKA-A30KA7	27.0	26.9	208	1	1.0	0.36	YES	R-410A	INVERTER DRIVEN	1-2, 4
AC-3	TSA ELECTRICAL	COOL ONLY	WALL-MOUNT	CU-3	MITSUBISHI ELECTRIC	PKA-A12HA7	12.1	12.0	208	1	1.0	0.19	YES	R-410A	INVERTER DRIVEN	1-2, 4
AC-4A	ELECTRICAL	COOL ONLY	WALL-MOUNT	CU-4A	MITSUBISHI ELECTRIC	PKA-A30KA7	25.5	25.25	208	1	1.0	0.36	YES	R-410A	INVERTER DRIVEN	1-2, 4
AC-4B	ELECTRICAL	COOL ONLY	WALL-MOUNT	CU-4B	MITSUBISHI ELECTRIC	PKA-A30KA7	25.5	25.25	208	1	1.0	0.36	YES	R-410A	INVERTER DRIVEN	1-2, 4
AC-5A	MDF	COOL ONLY	WALL-MOUNT	CU-5A	MITSUBISHI ELECTRIC	PKA-A30KA7	27.6	27.3	208	1	1.0	0.36	YES	R-410A	INVERTER DRIVEN	1-2, 4
AC-5B	MDF	COOL ONLY	WALL-MOUNT	CU-5B	MITSUBISHI ELECTRIC	PKA-A30KA7	27.6	27.3	208	1	1.0	0.36	YES	R-410A	INVERTER DRIVEN	1-2, 4
AC-6	EMER. ELECTRICAL	COOL ONLY	WALL-MOUNT	CU-6	MITSUBISHI ELECTRIC	PKA-A12HA7	9.2	8.7	208	1	1.0	0.19	YES	R-410A	INVERTER DRIVEN	1-2, 4

NOTES:
1. PROVIDE OUTDOOR UNIT WITH ADVANCED WIND BAFFLE KIT TO PROVIDE SCHEDULED CAPACITY BETWEEN -40°F AND 95°F DB.
2. UNIT SHALL VARIABLE SPEED INVERTER WITH SEACOAST PROTECTION.
3. CONDENSING UNIT TO BE WALL-MOUNTED, 6'-0" ABOVE GRADE.
4. CONDENSING UNIT TO BE WALL-MOUNTED INDOORS. MAINTAIN BOTTOM OF UNIT HEIGHT OF 6'-0".
5. R-410A REFRIGERANT. IF ALTERNATE REFRIGERANT PROPOSED, CONTRACTOR SHALL PROVIDE ASHRAE 15 CALCULATIONS AND REQUIRED SYSTEM MODIFICATIONS FOR REVIEW.

CONDENSING UNIT SCHEDULE (DX)

UNIT DATA						ELECTRICAL DATA					BASIS OF DESIGN		
TAG	LOCATION	MOUNT TYPE	ASSOCIATED INDOOR UNIT	SEER	FLUID	V	PH	MCA	MOCP	EMERGENCY POWER	MANUFACTURER	MODEL	SCHEDULE NOTES
CU-1	EXTERIOR	WALL-BRACKET	AC-1	19.4	R-410A	208	1	25.0	31.0	NO	MITSUBISHI ELECTRIC	PUY-A36NKA7(-BS)	1-3
CU-2	CONDENSER ROOM	WALL-BRACKET	AC-2	19.8	R-410A	208	1	19.0	26.0	YES	MITSUBISHI ELECTRIC	PUY-A12NKA7(-BS)	1-2, 4
CU-3	CONDENSER ROOM	WALL-BRACKET	AC-3	15.2	R-410A	208	1	11.0	28.0	YES	MITSUBISHI ELECTRIC	PUY-A12NKA7(-BS)	1-2, 4
CU-4A	CONDENSER ROOM	WALL-BRACKET	AC-4A	19.8	R-410A	208	1	19.0	26.0	YES	MITSUBISHI ELECTRIC	PUY-A30NHA7(-BS)	1-2, 4
CU-4B	CONDENSER ROOM	WALL-BRACKET	AC-4B	19.8	R-410A	208	1	19.0	26.0	YES	MITSUBISHI ELECTRIC	PUY-A30NHA7(-BS)	1-2, 4
CU-5A	CONDENSER ROOM	WALL-BRACKET	AC-5A	19.8	R-410A	208	1	19.0	26.0	YES	MITSUBISHI ELECTRIC	PUY-A30NHA7(-BS)	1-2, 4
CU-5B	CONDENSER ROOM	WALL-BRACKET	AC-5B	19.8	R-410A	208	1	19.0	26.0	YES	MITSUBISHI ELECTRIC	PUY-A30NHA7(-BS)	1-2, 4
CU-6	CONDENSER ROOM	WALL-BRACKET	AC-6	15.2	R-410A	208	1	11.0	28.0	YES	MITSUBISHI ELECTRIC	PUY-A12NKA7(-BS)	1-2, 4

NOTES:
1. PROVIDE OUTDOOR UNIT WITH ADVANCED WIND BAFFLE KIT FOR COOLING DOWN TO -40°F.
2. UNIT SHALL BE HEAT PUMP TYPE.
3. UNIT SHALL BE MOUNTED USING MANUFACTURER-PROVIDED WALL-MOUNTING KIT (MODEL NUMBER: QSWBSS); MOUNT 6'-0" ABOVE GRADE.
4. UNIT TO BE WALL-MOUNTED INDOORS USING MANUFACTURER-PROVIDED WALL-MOUNTING KIT (MODEL NUMBER: QSWBSS);. MAINTAIN BOTTOM OF UNIT HEIGHT OF 8'-0".

VARIABLE REFRIGERANT FLOW (VRF) CONDENSING UNIT SCHEDULE

UNIT DATA			FAN DATA		ELECTRICAL DATA - CIRCUIT 1			ELECTRICAL DATA - CIRCUIT 2			ELECTRICAL	BASIS OF DESIGN		
TAG	ASSOCIATED UNIT(S)	AMBIENT TEMP. HEAT / COOL [°F]	ESP [IN. WG.]	AIRFLOW [CFM]	VOLT	PH	MCA	VOLT	PH	MCA	EMER. POWER	MANUFACTURER	MODEL	SCHEDULE NOTES
HP-1	AHU-1	-22.0 / 95.0	0.32	15,500	460	3	21.0	460	3	21.0	YES	MITSUBISHI ELECTRIC	TUHYH-2404BN40AN	1-2, 4-8
HP-2	ERU-1	-22.0 / 95.0	0.32	15,500	460	3	21.0	460	3	21.0	YES	MITSUBISHI ELECTRIC	TUHYH-2404BN40AN	1-2, 4-8
HP-3	AHU-2	-22.0 / 95.0	0.32	15,500	460	3	21.0	460	3	21.0	YES	MITSUBISHI ELECTRIC	TUHYH-2404BN40AN	1-2, 4-8
HR-1A	VRF FCUs - LEVEL 1	-22.0 / 95.0	0.32	19,100	460	3	21.0	460	3	21.0	YES	MITSUBISHI ELECTRIC	TURYH-2404BN40AN	1, 3, 4-8
HR-1B	VRF FCUs - LEVEL 2	-22.0 / 95.0	0.32	14,800	460	3	17.0	460	3	17.0	YES	MITSUBISHI ELECTRIC	TURYH-1444BN40AN	1, 3, 4-8

NOTES:
1. UNIT SHALL HAVE DUCTED EXHAUST TO EXTERIOR. COORDINATE WITH MANUFACTURER FOR INSTALL REQUIREMENTS. PROVIDE WITH HIGH STATIC OPTION ON CONDENSER FANS (MIN. 0.32 IN. WG).
2. UNIT SHALL BE HEAT PUMP TYPE.
3. UNIT SHALL BE HEAT RECOVERY TYPE.
4. PROVIDE UNIT WITH ANTI-SLIP RUBBER PAD FOR VIBRATION MITIGATION.
5. R-410A REFRIGERANT. IF ALTERNATE REFRIGERANT PROPOSED, CONTRACTOR SHALL PROVIDE ASHRAE 15 CALCULATIONS AND REQUIRED SYSTEM MODIFICATIONS FOR REVIEW.
6. UNITS SHALL OPERATE AND PROVIDE REQUIRED CAPACITY BETWEEN -22°F AND 95°F AMBIENT TEMPERATURE.
7. UNITS SHALL BE CAPALBLE OF OPERATING BETWEEN -27.4°F AND 126°F. CONDENSER ROOM AMBIENT TEMPERATURE: -30°F.
8. PROVIDE BRANCH CONTROLLER(S) AS REQUIRED TO MEET MAXIMUM LINE LENGTHS. CONTRACTOR TO PROVIDE CALCULATIONS AND FULL DESIGN BY MANUFACTURER; TO INCLUDE WITH SHOP DRAWINGS SHOWING ALL REQUIRED OPTIONS AND ACCESSORIES.

VARIABLE REFRIGERANT FLOW (VRF) BRANCH CONTROLLER SCHEDULE

UNIT DATA					ELECTRICAL DATA					BASIS OF DESIGN			
TAG	ASSOCIATED UNIT(S)	# OF PORTS	FLUID	TYPE	VOLT	PH	MCA	MOCP	EMER. POWER	MANUFACTURER	MODEL	WEIGHT [LBS]	SCHEDULE NOTES
BC-1A	HR-1A	12	R-410A	MAIN	208	1	1.57	20	YES	MITSUBISHI ELECTRIC	TCMBM1012JA11N4	133	1, 3
BC-1B	HR-1B	8	R-410A	MAIN	208	1	0.83	15	YES	MITSUBISHI ELECTRIC	TCMBM0108JA11N4	106	2, 3

NOTES:
1. PROVIDE WITH 5/8 BALL VALVE AT EACH PORT.
2. PROVIDE WITH 3/8" BALL VALVE AT EACH PORT.
3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

AIR DEVICE SCHEDULE

TAG	NECK SIZE [IN.]	FACE SIZE [IN.]	AIRFLOW RANGE [CFM]	INTEGRAL DAMPER	NOISE CRITERIA [NC]	BASIS OF DESIGN		SCHEDULE NOTES
						MANUFACTURER	MODEL	
A1	6"	24 x 24	78 - 235	NO	30	PRICE INDUSTRIES	SPD	1-3
A2	8"	24 x 24	140 - 315	NO	30	PRICE INDUSTRIES	SPD	1-3
A3	10"	24 x 24	218 - 400	NO	30	PRICE INDUSTRIES	SPD	1-3
B1	10"	24" FACE, 1-1/2" SLOT WIDTH, 4 SLOT	218 - 382	YES	30	PRICE INDUSTRIES	TBD4150, BLADE PATTERN	1-3
BX	N/A	24" FACE, 1-1/2" SLOT WIDTH, 4 SLOT	0	NO	N/A	PRICE INDUSTRIES	TBD4150, MANUF. BLANK	1-3
C1	6"	48" FACE, 1" SLOT WIDTH, 2 SLOT	78 - 160	YES	30	PRICE INDUSTRIES	TBD3100, ICE-TONG PATTERN	1-3
C2	8"	48" FACE, 1" SLOT WIDTH, 2 SLOT	105 - 220	YES	30	PRICE INDUSTRIES	TBD3100, ICE-TONG PATTERN	1-3
C3A	10"	48" FACE, 1" SLOT WIDTH, 2 SLOT	164 - 300	YES	30	PRICE INDUSTRIES	TBD3100, ICE-TONG PATTERN	1-3
C3B	10"	48" FACE, 1" SLOT WIDTH, 3 SLOT	164 - 382	YES	30	PRICE INDUSTRIES	TBD3100, ICE-TONG PATTERN	1-3
C4	12"	48" FACE, 1" SLOT WIDTH, 2 SLOT	236 - 350	YES	30	PRICE INDUSTRIES	TBD3100, ICE-TONG PATTERN	1-3
D4	12"	60" FACE, 1" SLOT WIDTH, 2 SLOT	236 - 400	YES	30	PRICE INDUSTRIES	TBD3100, ICE-TONG PATTERN	1-3
DX	N/A	60" FACE, 1" SLOT WIDTH, 2 SLOT	0	NO	N/A	PRICE INDUSTRIES	TBD3100, MANUF. BLANK	1-3
G1	10 x 6	60" FACE, 1" SLOT WIDTH, 2 SLOT	100 - 340	NO	N/A	PRICE INDUSTRIES	LOUVERED SUPPLY GRILLE - 510	1-3
R1	12 x 12	24 x 24	361 - 1,700	NO	30	PRICE INDUSTRIES	EGG CRATE	1-3
R2	SEE PLANS	48 x 20	625 - 2,500	NO	30	PRICE INDUSTRIES	EGG CRATE	1-3
R3	SEE PLANS	12 x 6	117 - 400	NO	30	PRICE INDUSTRIES	EGG CRATE	1-3
S1	4"	12 x 12	35 - 85	NO	30	PRICE INDUSTRIES	SPD	1-3
S2	6"	12 x 12	78 - 120	NO	30	PRICE INDUSTRIES	SPD	1-3
S3	8"	12 x 12	140 - 175	NO	30	PRICE INDUSTRIES	SPD	1-3

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR THE TYPE OF CEILING AND/OR SUSPENSION SYSTEM. PROVIDE NECESSARY MOUNTING FRAME AND BRACKETS.
2. FINISH SHALL BE MANUFACTURER'S STANDARD WHITE, UNLESS NOTED OTHERWISE.
3. MAXIMUM NOISE CRITERION SHALL BE NC-30.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:

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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL SCHEDULES
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M7.101

FORCED-FLOW CONVECTOR SCHEDULE (ELECTRIC)

UNIT DATA					ELECTRICAL			BASIS OF DESIGN		
TAG	MEDIUM	LENGTH [IN]	CAPACITY [W/LF]	HEAT OUTPUT [W]	V	PH	FLA	MANUFACTURER	MODEL	SCHEDULE NOTES
FFC-1A	ELECTRIC	23.6	355	750	277	1	2.7	INDEECO	BHI 916U	1-3
FFC-1B	ELECTRIC	23.6	500	1,000	277	1	3.6	INDEECO	BHI 916U	1-3
FFC-2A	ELECTRIC	47.3	355	1,400	277	1	5.1	INDEECO	BHI 916U	1-3
FFC-2B	ELECTRIC	47.3	500	2,000	277	1	7.2	INDEECO	BHI 916U	1-3
FFC-2X	NONE	47.3	0	0	--	--	--	INDEECO	BHI 916U	1-2, 4
FFC-3A	ELECTRIC	94.5	355	2,800	277	1	10.1	INDEECO	BHI 916U	1-3

NOTES:
1. PROVIDE UNIT WITH BLACK FINISH.
2. PROVIDE FLOOR MOUNTING HARDWARE. INSTALL PER MANUFACTURER'S RECOMMENDATION.
3. PROVIDE WITH INTEGRAL DISCONNECT.
4. BLANKED-OFF UNIT TO MAINTAIN AESTHETIC. IT DOES NOT OPERATE AND SHOULD NOT BE PROVIDED UTILITY CONNECTION.

ELECTRIC UNIT HEATER SCHEDULE

UNIT DATA			HEATING COIL DATA				ELECTRICAL DATA			BASIS OF DESIGN		GENERAL DATA		
TAG	MOUNT	AREA	HEATING TYPE	kW	AIRFLOW [CFM]	EAT / LAT [°F]	VOLT	PH	MCA	MANUFACTURER	MODEL	EMERGENCY POWER	WEIGHT [LBS]	SCHEDULE NOTES
UH-1	CEILING-RECESSED	NORTH VESTIBULE	ELECTRIC	3.0	600	55 / 95	480	3	3.6	REDD-I	43RCH3A1	YES	45	1, 3, 7
UH-2	WALL-MOUNT	BACK OF HOUSE	ELECTRIC	3.3	400	55 / 95	480	3	4.0	REDD-I	P3PUH03CA1	YES	36	1, 2, 4
UH-3A	SUSPENDED	INBOUND BAGGAGE	ELECTRIC	3.7	350	55 / 95	480	3	4.7	INDEECO	UHIR 240-U1037U	YES	25	1, 2, 5, 8
UH-3B	SUSPENDED	INBOUND BAGGAGE	ELECTRIC	3.7	350	55 / 95	480	3	4.7	INDEECO	UHIR 240-U1037U	YES	25	1, 2, 5, 8
UH-3C	SUSPENDED	INBOUND BAGGAGE	ELECTRIC	3.7	350	55 / 95	480	3	4.7	INDEECO	UHIR 240-U1037U	YES	25	1, 2, 5, 8
UH-4	CEILING-RECESSED	BOARDING VESTIBULE	ELECTRIC	3.0	600	55 / 95	480	3	3.6	REDD-I	43RCH3A1	YES	45	1, 3, 7
UH-5A	SUSPENDED	OUTBOUND BAGGAGE	ELECTRIC	3.7	350	55 / 95	480	3	4.7	INDEECO	UHIR 240-U1037U	YES	25	1, 2, 5, 8
UH-5B	SUSPENDED	OUTBOUND BAGGAGE	ELECTRIC	3.7	350	55 / 95	480	3	4.7	INDEECO	UHIR 240-U1037U	YES	25	1, 2, 5, 8
UH-6	WALL-MOUNT	WATER ENTRY	ELECTRIC	3.3	400	55 / 95	480	3	4.0	REDD-I	P3PUH03CA1	YES	32	1, 2, 4
UH-7A	SUSPENDED	VRF	ELECTRIC	4.3	N/A	55 / 95	480	3	5.18	REDD-I	FSS-4348-3	YES	18	1, 4, 5, 6
UH-7B	SUSPENDED	VRF	ELECTRIC	4.3	N/A	55 / 95	480	3	5.18	REDD-I	FSS-4348-3	YES	18	1, 4, 5, 6
UH-7C	SUSPENDED	VRF	ELECTRIC	4.3	N/A	55 / 95	480	3	5.18	REDD-I	FSS-4348-3	YES	18	1, 4, 5, 6
UH-7D	SUSPENDED	VRF	ELECTRIC	4.3	N/A	55 / 95	480	3	5.18	REDD-I	FSS-4348-3	YES	18	1, 4, 5, 6
UH-7E	SUSPENDED	VRF	ELECTRIC	4.3	N/A	55 / 95	480	3	5.18	REDD-I	FSS-4348-3	YES	18	1, 4, 5, 6
UH-7F	SUSPENDED	VRF	ELECTRIC	4.3	N/A	55 / 95	480	3	5.18	REDD-I	FSS-4348-3	YES	18	1, 4, 5, 6
UH-8A	WALL-MOUNT	AHU ROOM	ELECTRIC	3.3	400	55 / 95	480	3	4.0	REDD-I	P3PUH03CA1	YES	36	1, 2, 4
UH-8B	WALL-MOUNT	AHU ROOM	ELECTRIC	3.3	400	55 / 95	480	3	4.0	REDD-I	P3PUH03CA1	YES	36	1, 2, 4

NOTES:
1. PROVIDE DISCONNECT SWITCH.
2. PROVIDE WITH BUILT-IN THERMOSTAT.
3. PROVIDE WALL MOUNTED THERMOSTAT.
4. UNIT SHALL BE WALL-MOUNTED APPROXIMATELY 8' AFF.
5. UNIT SHALL BE CEILING-MOUNTED.
6. PROVIDE OUTDOOR-RATED WALL TIMER SWITCH.
7. UNIT SHALL BE FULLY RECESSED INTO CEILING.
8. PROVIDE WITH ANEMOSTAT DIFFUSER AND 2-STAGE HEAT.

HEAT TRACE SCHEDULE

CIRCUIT TAG	LOCATION	SERVICE	MAINTAIN SURFACE TEMP [°F]	CABLE LENTGH [FT]	POWER OUTPUT [W/FT]	ELECTRICAL		BASIS OF DESIGN				SCHEDULE NOTES
						BREAKER [A]	V / PH	MANUFACTURER	MODEL	CONTROL SYSTEM	CONTROL TYPE	
HT-1	2ND FLOOR - VRF ROOM	HP-1 THRU -3, HR-1A, 1B CONDENSATE PAN + PIPE	40	250, 40	5	AS REQ'D	277 / 1	RAYCHEM	GM2XT, 5XLE2	ACS-30	AMBIENT-SENSING RTD	1-4, 6, 7
HT-2	OUTBOUND BAG. + VRF	SANITARY PIPING	40	125	5.6	AS REQ'D	277 / 1	RAYCHEM	5XLE2	ACS-30	LINE-SENSING RTD	1-4, 7
HT-GUTTER	MAIN BLDG + CANOPY	GUTTER TROUGH	40	5,350	15.3	AS REQ'D	277 / 1	RAYCHEM	GM-2X	ACS-30	APS SNOW CONTROLLER	2-5, 7
HT-FH1	INBOUND BAG.	FLOOR HEAT	40	240	8.5	20	277 / 3	RAYCHEM	RAYSOL-2	ECW-GF	SLAB TEMP SENSOR	SEE PLAN NOTES
HT-FH2	INBOUND BAG.	FLOOR HEAT	40	240	8.5	20	277 / 3	RAYCHEM	RAYSOL-2	ECW-GF	SLAB TEMP SENSOR	SEE PLAN NOTES
HT-FH3	INBOUND BAG.	FLOOR HEAT	40	240	8.5	20	277 / 3	RAYCHEM	RAYSOL-2	ECW-GF	SLAB TEMP SENSOR	SEE PLAN NOTES

NOTES:
1. PROVIDE DISCONNECT SWITCH.
2. PROVIDE SELF-REGULATING HEAT TRACE CABLE.
3. PROVIDE WITH MANUFACTURER'S HEAT TRACE POWER SUPPLY PANEL CAPABLE OF SERVING ALL CIRCUITS OFF ONE POWER SUPPLY.
4. INSTALL PER MANUFACTURER'S INSTRUCTIONS. PROVIDE WITH ALL POWER CONNECTIONS, ADHESIVES AND KITS (END SEAL, SPLICE, AND TEE)
5. PROVIDE WITH MANUFACTURER'S GUTTER DE-ICING POWER SUPPLY PANEL FOR TROUGH HEAT TRACING CONTROLLED BY APS SNOW CONTROLLER WITH SNOW SENSORS, AS REQUIRED. PROVIDE SNOW/MOISTURE SENSORS.
6. CONTRACTOR TO PROVIDE JUNCTION BOXES AS REQUIRED TO MAINTAIN MAXIMUM LINE LENGTHS.
7. HEAT TRACE CIRCUITS SHOWN SHALL BE PROVIDED, POWERED, AND CONTROLLED BY MANUFACTURER. SEE ELECTRICAL FOR INPUT POWER TO HEAT TRACE SYSTEMS.

AIRFLOW MEASUREMENT STATION SCHEDULE

GENERAL DATA				BASIS OF DESIGN		SCHEDULE NOTES
TAG	SYSTEM	TYPE	SIZE [IN.]	MANUFACTURER	MODEL	
AFS-1	OUTSIDE AIR	STATIC DIFFERENTIAL PRESSURE	28"x28"	AIR MONITOR	OAM II	1-6
AFS-2	EXHAUST AIR	STATIC DIFFERENTIAL PRESSURE	20"x20"	AIR MONITOR	OAM II	1-6

NOTES:
1. PROBE, SCREEN AND CASING SHALL BE CONSTRUCTED OF 316 STAINLESS STEEL.
2. PROVIDE WITH BACNET COMPATABILITY.
3. PROVIDE NEMA 1 ENCLOSURE.
4. PROVIDE STRAIGHT LENGTHS AS REQUIRED BY MANUFACTURER. PROVIDE DUCT ACCESS PANEL.
5. PROVIDE TRANSMITTER WITH DISPLAY - 24V.
6. SYSTEM ACCURACY (SENSOR + TRANSMITTER) +/- 5% MAX.

LOUVER SCHEDULE

				PERFORMANCE DATA					BASIS OF DESIGN		
TAG	QTY.	SERVICE	DEPTH [IN]	AIR FLOW [CFM]	PRESSURE DROP [IN. WC]	DIMENSIONS (LxH) [IN]	FREE AREA [SQ FT]	FACE VELOCITY [FPM]	MANUFACTURER	MODEL	SCHEDULE NOTES
L-1	1	ERU-1 INTAKE	5"	3,080	0.08	42" x 30"	4.4	708	GREENHECK	EVH-501	1-5
L-2	1	ERU-1 EXHAUST	5"	2,140	0.09	54" x 18"	3.0	724	GREENHECK	EVH-501	1-5
L-3	5	VRF INTAKE	5"	19,010	0.05	120" x 72"	35.2	541	GREENHECK	EVH-501	1-3, 5-6
L-4	5	VRF EXHAUST	5"	19,010	0.09	120" x 54"	25.5	747	GREENHECK	EVH-501	1-3, 5-6
L-5	1	REFRIGERANT EXHAUST	5"	1,000	0.04	26" x 26"	2.1	473	GREENHECK	EVH-501	1-6

NOTES:
1. CONSTRUCTION MATERIAL SHALL BE ALUMINUM.
2. PROVIDE BIRD SCREEN.
3. LOUVER SHALL BE DRAINABLE HEAD MEMBER TYPE.
4. PROVIDE WITH INSULATED, LOW VOLTAGE (24V) MOTOR ACTUATED DAMPER.
5. LOUVER BLADES SHALL BE VERTICAL IN ORIENTATION.
6. LOUVER SHALL BE MECHANICALLY FASTENED FOR SECURITY.

FAN SCHEDULE

UNIT DATA				FAN DATA		ELECTRICAL DATA						BASIS OF DESIGN		WEIGHT [LBS]	SCHEDULE NOTES
TAG	LOCATION	TYPE	MOUNT	AIRFLOW [CFM]	ESP [IN.W.C.]	HP	BHP	V	PH	MCA	MOCP	MANUFACTURER	MODEL		
EF-1	OUTDOOR VRF ROOM	REFRIGERANT EXHAUST	SIDEWALL	1,000	0.75	1/2	0.3	115	1	8.2	15	GREENHECK	AER-24	65	1-5

NOTES:
1. PROVIDE UNIT WITH SEISMIC IMPORTANCE FACTOR 1.25, BUILDING SITE CLASSIFICATION C, AND BUILDING RISK CATEGORY III.
2. PROVIDE FAN WITH EC MOTOR AND POTENTIOMETER FOR BALANCING. FAN WILL BE CONSTANT VOLUME.
3. PROVIDE FAN WITH ALUMINUM CONSTRUCTION.
4. INTERLOCK FAN WITH REFRIGERANT MONITORING SYSTEM (CHILLGUARD 5000 OR EQUAL), AND PROVIDE EMERGENCY START/STOP CONTROL; PROVIDE INTERLOCK THROUGH BAS AND HARDWIRED DIRECTLY TO REFRIGERANT MONITORING SYSTEM.
5. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL SCHEDULES
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

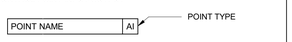
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M7.102

CONTROL SYMBOLS

CONTROL POINT INPUT/OUTPUT



DUCT/EQUIPMENT/PIPE MOUNTED CONTROL DEVICE

CEILING/WALL MOUNTED CONTROL DEVICE

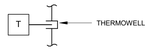
2-WAY CONTROL VALVE

3-WAY CONTROL VALVE

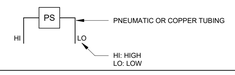
AVERAGING / CONTINUOUS SENSING ELEMENT SENSOR OR SWITCH

SINGLE POINT SENSOR OR SWITCH

IMMERSION TEMPERATURE SENSOR



DIFFERENTIAL PRESSURE SENSOR OR SWITCH

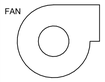


AIRFLOW MEASURING DEVICE OR HUMIDIFIER

AIR FILTER

ELECTRIC, HYDRONIC, DX, STEAM OR GAS COIL

FAN



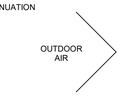
PUMP

OPPOSED BLADE DAMPER

PARALLEL BLADE DAMPER

MOTOR STARTER, ELECTRONICALLY COMMUTATED MOTOR, VARIABLE FREQUENCY DRIVE, CONTROL PANEL

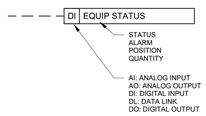
DUCT CONTINUATION



PIPE CONTINUATION

TIMER

SAMPLE BAS CONTROL POINT:



CONTROL ABBREVIATIONS

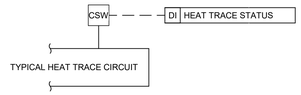
AI: ANALOG INPUT
AO: ANALOG OUTPUT
AF: AIRFLOW MEASURING DEVICE
AS: AIRFLOW SWITCH
CO2: CARBON DIOXIDE SENSOR
CO: CARBON MONOXIDE SENSOR
CP: CONTROL PANEL
CS: CURRENT SENSOR
CSW: CURRENT SWITCH
DDC: DIRECT DIGITAL CONTROLS
DI: DIGITAL INPUT
DL: DATA LINK
DO: DIGITAL OUTPUT
DSD: DUCT SMOKE DETECTOR
EA: ELECTRIC ACTUATOR
EA: EXHAUST AIR
ECM: ELECTRONICALLY COMMUTATED MOTOR
ES: END SWITCH
ESO: EMERGENCY AIR DISTRIBUTION SHUTOFF SWITCH
FM: FLOW METER
FS: FLOW SWITCH
FZ: FREEZESTAT
H: HUMIDITY SENSOR
LS: LEVEL SENSOR
LSW: LEVEL SWITCH
MS: MOTOR STARTER
OA: OUTDOOR AIR
OS: OCCUPANCY SENSOR
PS: PRESSURE SENSOR
PSW: PRESSURE SWITCH
RA: RETURN AIR
RE: RELAY
S: SWITCH
SA: SUPPLY AIR
T: TEMPERATURE SENSOR
TA: TRANSFER AIR
TH: TEMPERATURE AND HUMIDITY SENSOR
TS: TEMPERATURE SWITCH
VFD: VARIABLE FREQUENCY DRIVE
VS: VIBRATION SENSOR
VSW: VIBRATION SWITCH

BUILDING CONTROLS SHALL BE BY THE SAME MANUFACTURER AS VRF SYSTEM FOR SEAMLESS CONTROL. NO EXCEPTIONS.

GENERAL SEQUENCE OF OPERATION
A. ADJUSTABLE SET POINTS: PROVIDE FUNCTIONALITY TO ADJUST ALL SET POINTS OR SET POINT LIMITS, WHERE SET POINT RESET LOGIC IS UTILIZED, AT THE BUILDING MANAGEMENT SYSTEM (BMS) GRAPHICAL INTERFACE.
B. TRENDING: PROVIDE FUNCTIONALITY TO SELECT POINTS FOR TRENDING, ADJUST THEIR FREQUENCY AND GENERATE CUSTOM TREND REPORTS AT THE BMS GRAPHICAL INTERFACE.
C. DUCT SMOKE DETECTOR ALARM / EQUIPMENT SHUTDOWN: ON ACTIVATION OF DUCT SMOKE DETECTOR, REPORT THE ALARM DIRECTLY TO THE FIRE ALARM SYSTEM (FAS) AND SHUT DOWN ASSOCIATED EQUIPMENT BY THE FAS.
D. RUNTIME ROTATION OF LEAD/LAG MECHANICAL EQUIPMENT: ROTATE LEAD/LAG MECHANICAL EQUIPMENT BASED ON ACCUMULATIVE RUNTIME ONCE EVERY 720 HOURS EXCEPT WHERE EQUIPMENT ROTATION IS PROVIDED BY EQUIPMENT MANUFACTURER'S CONTROL PANEL.
E. VARIABLE FREQUENCY DRIVE COMMUNICATIONS DATA LINK: PROVIDE, AT MINIMUM, THE FOLLOWING VARIABLE FREQUENCY DRIVE VIRTUAL POINTS BY ITS BACNET COMMUNICATIONS DATA LINK: ACCUMULATIVE RUN TIME, ACCUMULATIVE KILOWATT HOURS, FAULT RESET, OUTPUT VOLTAGE, OUTPUT AMPERAGE AND OUTPUT FREQUENCY. PROVIDE ALL AVAILABLE MAINTENANCE, FAULT OR ALARM STATUS VIRTUAL POINTS.
F. SYSTEM SET POINT RESET BASED ON ZONES OR SYSTEMS: AUTOMATICALLY DETECT ZONES AND SYSTEMS THAT EXCESSIVELY DRIVE SET POINT RESET LOGIC AND GENERATE AN ALARM. PROVIDE FUNCTIONALITY TO REMOVE ZONES OR SYSTEMS FROM SET POINT RESET LOGIC AT THE BMS GRAPHICAL INTERFACE.
G. SET POINT DEVIATION ALARM: ON DEVIATION OF TEMPERATURE, HUMIDITY, AIRFLOW OR OTHER CONTROL VARIABLE FROM SET POINT, GENERATE AN ALARM.
H. COMMAND FAILURE ALARM: ON COMMAND FAILURE, WHERE EQUIPMENT COMMAND DOES NOT MATCH ITS FEEDBACK OR STATUS, GENERATE AN ALARM.
I. COMMUNICATIONS FAILURE ALARM: ON FAILURE TO COMMUNICATE WITH A CONTROLLER OR CONTROL DEVICE, GENERATE AN ALARM.
J. ALARM LIMITS AND DELAYS: INCLUDE ALARM HIGH AND LOW LIMITS AND TIMED DELAYS THAT PREVENT NUISANCE ALARMS FROM OCCURRING WITHIN NORMAL ERROR OR RESPONSE TIME.
K. POWER FAILURE: ON LOSS OF POWER, RETURN VALVE AND DAMPER ACTUATORS TO THEIR FAIL SAFE POSITIONS. ON RESTORATION OF POWER, AUTOMATICALLY RESUME NORMAL OPERATION.
L. CONTROL ENCLOSURES: PROVIDE CONTROLS LOCATED OUTOORS OR IN CONTACT WITH OUTSIDE AIR WITH NEMA 4X ENCLOSURES. MINIMUM NUMBER SHOWN ON PLANS. CONTROLS CONTRACTOR TO COORDINATE WITH ELECTRICAL SUBCONTRACTOR FOR ANY ADDITIONAL ENCLOSURES REQUIRED AT NO ADDITIONAL COST.

UTILITY MONITORING SEQUENCE OF OPERATION
A. NATURAL GAS METERING: CONTINOUSLY MONITOR THE NATURAL GAS CONSUMPTION FROM THE NATURAL GAS METER VIA PULSE DIGITAL OUTPUT.
B. DOMESTIC WATER METERING: CONTINOUSLY MONITOR THE DOMESTIC WATER CONSUMPTION FROM THE DOMESTIC WATER METER VIA PULSE DIGITAL OUTPUT.

HEAT TRACE MONITORING (TYPICAL):
A. CONTINUOUSLY MONITOR THE STATUS OF HEAT TRACED PIPING AS SENSED BY ITS CURRENT SWITCH.
B. UPON FAILURE TO ENERGIZE, SEND ALARM TO BAS.



MECHANICAL CONTROLS SYMBOLS LIST

NOTE: NOT ALL SYMBOLS MAY BE USED.

SYMBOL	DESCRIPTION
AF	AIR FLOW MEASURING DEVICE
AS	AIR SWITCH
BTU	BTU METER
CT	CONDUCTIVITY TRANSMITTER
CS	CURRENT SENSOR
DP	DIFFERENTIAL PRESSURE TRANSMITTER
DSD	DUCT SMOKE DETECTOR
EPT	ELECTRONIC PNEUMATIC TRANSDUCER
ES	END SWITCH
FM	FLOW METER
HOA	HAND-OFF-AUTO SWITCH
LT	LEVEL TRANSMITTER
M	METER
PHT	PH TRANSMITTER
PS	PRESSURE SWITCH
PT	PRESSURE TRANSMITTER
	STARTER
TS	TEMPERATURE SWITCH
VFD	VARIABLE FREQUENCY DRIVE
VT	VIBRATION TRANSMITTER
FS	WATER FLOW SWITCH
VOC	VOC SENSOR

SAMPLE BAS CONTROL POINT:

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL CONTROLS - LEGEND

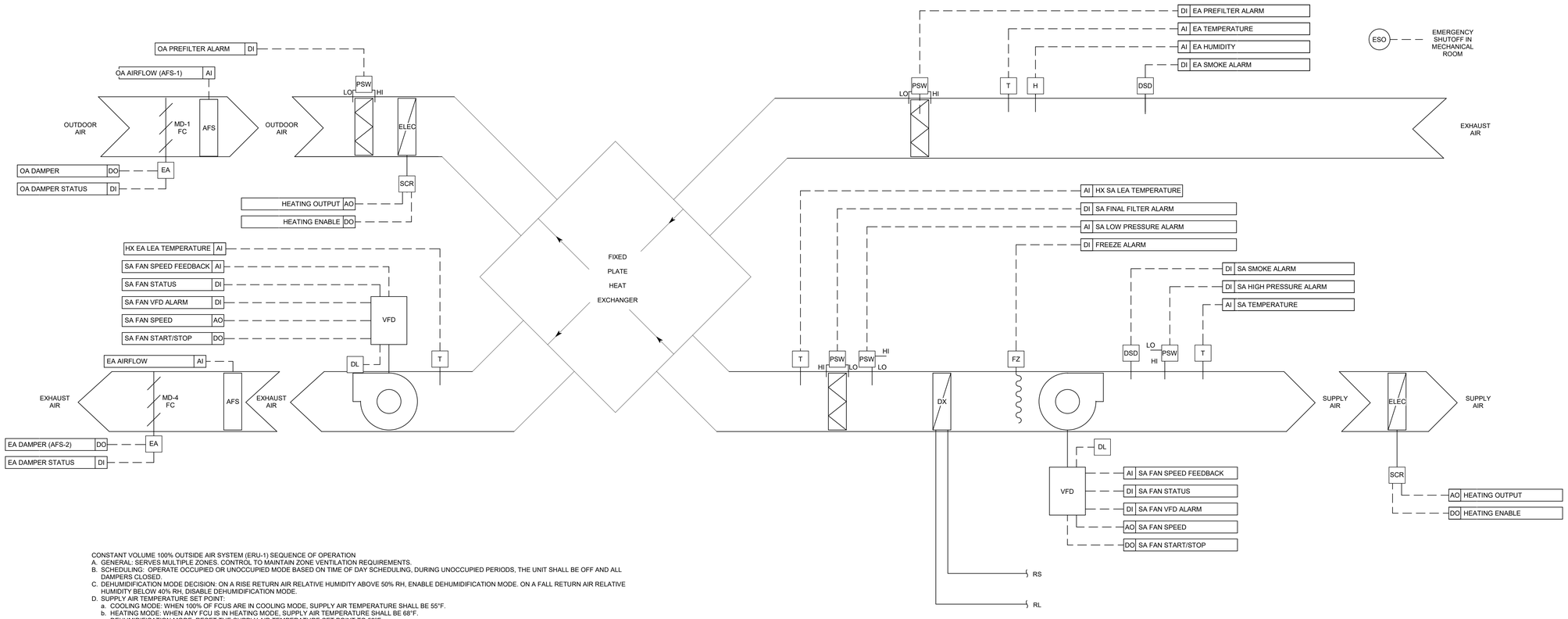
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M8.001



CONSTANT VOLUME 100% OUTSIDE AIR SYSTEM (ERU-1) SEQUENCE OF OPERATION

A. GENERAL: SERVES MULTIPLE ZONES. CONTROL TO MAINTAIN ZONE VENTILATION REQUIREMENTS.
B. SCHEDULING: OPERATE OCCUPIED OR UNOCCUPIED MODE BASED ON TIME OF DAY SCHEDULING, DURING UNOCCUPIED PERIODS, THE UNIT SHALL BE OFF AND ALL DAMPERS CLOSED.
C. DEHUMIDIFICATION MODE DECISION: ON A RISE RETURN AIR RELATIVE HUMIDITY ABOVE 50% RH, ENABLE DEHUMIDIFICATION MODE. ON A FALL RETURN AIR RELATIVE HUMIDITY BELOW 40% RH, DISABLE DEHUMIDIFICATION MODE.
D. SUPPLY AIR TEMPERATURE SET POINT:
   a. COOLING MODE: WHEN 100% OF FCUS ARE IN COOLING MODE, SUPPLY AIR TEMPERATURE SHALL BE 55°F.
   b. HEATING MODE: WHEN ANY FCU IS IN HEATING MODE, SUPPLY AIR TEMPERATURE SHALL BE 68°F.
   c. DEHUMIDIFICATION MODE: RESET THE SUPPLY AIR TEMPERATURE SET POINT TO 52°F.
E. SUPPLY FAN START/STOP CONTROL: IN OCCUPIED, OPERATE THE SUPPLY FAN CONTINUOUSLY. IN UNOCCUPIED MODE, DEENERGIZE THE SUPPLY FAN.
F. SUPPLY FAN SPEED CONTROL: FAN SPEED SHALL MODULATE BASED ON OUTSIDE AIR AIRFLOW STATION READING (AFS-1) TO MAINTAIN SCHEDULE AIRFLOW.
G. EXHAUST FAN START/STOP CONTROL: WHEN THE SUPPLY FAN IS ENERGIZED, ENERGIZE THE EXHAUST FAN. WHEN THE SUPPLY FAN IS DEENERGIZED, DEENERGIZE THE EXHAUST FAN.
H. EXHAUST FAN SPEED CONTROL: FAN SPEED SHALL MODULATE BASED ON EXHAUST AIRFLOW STATION (AFS-2) READING TO MAINTAIN SCHEDULE AIRFLOW.
I. OUTSIDE AIR TEMPERATURE CONTROL: WHEN THE SUPPLY FAN IS ENERGIZED AND THE INCOMING AMBIENT TEMPERATURE IS BELOW 30°F, ENERGIZE THE ELECTRIC PRE-HEAT COIL. AT SUCH TIME THAT THE INCOMING AIR TEMPERATURE RISES ABOVE 30°F, THE PRE-HEAT COIL SHALL BE DEENERGIZED.
J. SUPPLY AIR TEMPERATURE CONTROL: WHEN THE SUPPLY FAN IS ENERGIZED, AND THE ENERGY RECOVERY HEAT EXCHANGER IS UNABLE TO MAINTAIN SUPPLY AIR TEMPERATURE AT SET POINT, CONTROL THE DIRECT EXPANSION COOLING COIL AND ELECTRIC RE-HEAT COIL TO MAINTAIN SUPPLY AIR TEMPERATURE AT SET POINT. ON A RISE IN SUPPLY AIR TEMPERATURE ABOVE SET POINT, MODULATE THE COMPRESSOR SPEED TO REACH SETPOINT. ON A FALL IN SUPPLY AIR TEMPERATURE BELOW SET POINT, REVERSE THE SEQUENCE. ON A FURTHER FALL IN SUPPLY AIR TEMPERATURE BELOW SET POINT, MODULATE THE ELECTRIC SSR HEATING COIL. ON A RISE IN SUPPLY AIR TEMPERATURE ABOVE SET POINT, REVERSE THE SEQUENCE. WHEN THE SUPPLY FAN IS DEENERGIZED, DEENERGIZE THE COMPRESSOR AND DEENERGIZE THE ELECTRIC REHEAT.
K. DIRTY FILTER ALARM: ON A RISE IN FILTER DIFFERENTIAL PRESSURE ABOVE SET POINT, GENERATE AN ALARM.
L. FREEZESTAT ALARM: ON FREEZESTAT ACTIVATION, DEENERGIZE THE SUPPLY AND EXHAUST FAN, CLOSE THE OUTDOOR AIR AND EXHAUST AIR DAMPER, DEENERGIZE THE COMPRESSOR AND ENERGIZE THE PRE-HEAT COIL.
M. SUPPLY / EXHAUST DUCT SMOKE DETECTOR ALARM: ON SUPPLY OR EXHAUST DUCT SMOKE DETECTOR ACTIVATION, DEENERGIZE THE SUPPLY AND EXHAUST FAN, CLOSE THE OUTDOOR AIR AND EXHAUST AIR DAMPER, DEENERGIZE THE COMPRESSOR AND DEENERGIZE THE ELECTRIC PRE-HEAT COIL UNLESS OUTDOOR AIR TEMPERATURE IS BELOW 30°F, ENERGIZE THE ELECTRIC PRE-HEAT COIL. ELECTRIC COIL SHOULD BE DEENERGIZE IF UNIT IS IN UNOCCUPIED PERIOD.
N. EMERGENCY AIR DISTRIBUTION SHUTOFF (ESO) SWITCH: WITHIN 30 SECONDS OF ACTIVATION OF ANY AIR DISTRIBUTION EMERGENCY SHUTOFF SWITCH, DEENERGIZE THE SUPPY AND EXHAUST FAN, CLOSE THE OUTSIDE AIR AND EXHAUST FAN ISOLATION DAMPER, AND GENERATE AN ALARM.

1 ENERGY RECOVERY UNIT (ERU)
NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL CONTROLS - ENERGY RECOVERY UNIT

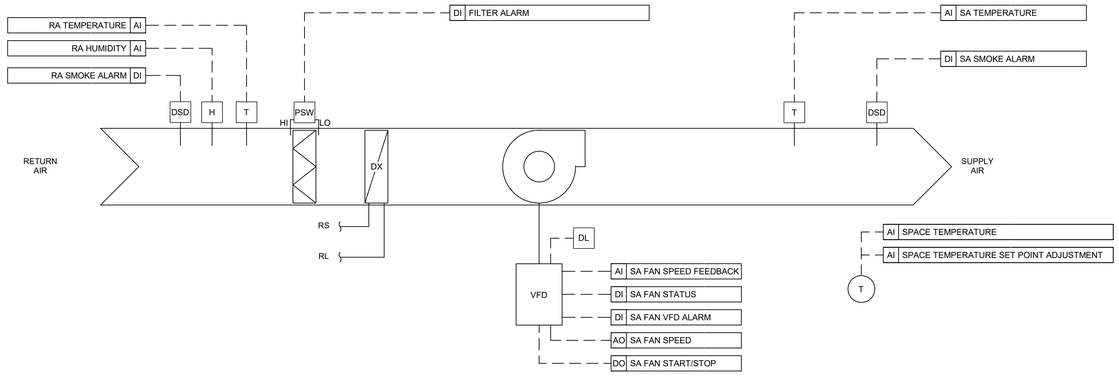
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M8.101

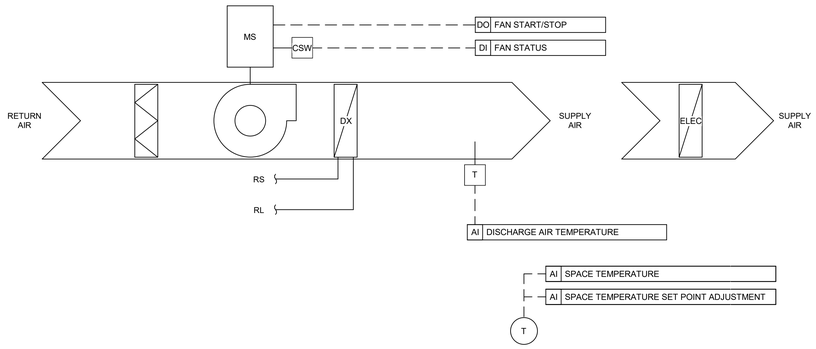


VARIABLE AIR VOLUME AIR HANDLING UNIT (AHU-1, AHU-2) SEQUENCE OF OPERATION

A. GENERAL: SERVES SINGLE ZONES. CONTROL TO SPACE TEMPERATURE.
B. SCHEDULING: OPERATE OCCUPIED OR UNOCCUPIED MODE BASED ON TIME OF DAY SCHEDULING. OPERATE OCCUPIED IF ANY ASSOCIATED ZONES ARE OCCUPIED. DURING OCCUPIED MODE OR MORNING WARM-UP MODE, MAINTAIN OCCUPIED SPACE TEMPERATURE HEATING SET POINT OF 70°F (ADJ.) AND OCCUPIED SPACE TEMPERATURE COOLING SET POINT OF 75°F (ADJ.). DURING UNOCCUPIED MODE, MAINTAIN UNOCCUPIED SPACE TEMPERATURE HEATING SET POINT OF 65°F (ADJ.), UNOCCUPIED SPACE TEMPERATURE COOLING SET POINT OF 85°F (ADJ.). PRIOR TO SCHEDULED OCCUPIED PERIOD, OPERATE THE AIR HANDLING UNIT IN MORNING WARM-UP MODE. CALCULATE THE OPTIMUM START TIME TO BEGIN MORNING WARM-UP BASED ON ASSOCIATED ZONE TEMPERATURE DEVIATION FROM OCCUPIED SET POINTS AND OUTSIDE AIR TEMPERATURE.
C. DEHUMIDIFICATION MODE DECISION: ON A RISE RETURN AIR RELATIVE HUMIDITY ABOVE 50% RH, ENABLE DEHUMIDIFICATION MODE. ON A FALL RETURN AIR RELATIVE HUMIDITY BELOW 40% RH, DISABLE DEHUMIDIFICATION MODE.
D. SUPPLY AIR TEMPERATURE SET POINT RESET:
   1. IN DEHUMIDIFICATION MODE, RESET THE SUPPLY AIR TEMPERATURE COOLING SET POINT TO 52°F.
E. SUPPLY FAN START/STOP CONTROL:
   1. OPERATE THE SUPPLY FAN CONTINUOUSLY WHEN SPACE TEMPERATURE INDICATES THERE IS A DEMAND FOR COOLING. AT SUCH TIME THAT THE SPACE TEMPERATURE HAS BEEN SATISFIED FOR 5 MINUTES (ADJ.), SUPPLY FAN SHALL DEENERGIZE.
   2. IN UNOCCUPIED MODE, CYCLE THE SUPPLY FAN ON AND OFF TO SATISFY ASSOCIATE ZONE TEMPERATURE SET POINTS. ON A FALL IN ANY ASSOCIATED ZONE SPACE TEMPERATURE BELOW ITS UNOCCUPIED SPACE TEMPERATURE HEATING SET POINT OR ON A RISE ABOVE ITS UNOCCUPIED SPACE TEMPERATURE COOLING SET POINT, ENERGIZE THE SUPPLY FAN. MAINTAIN A 5°F DEAD BAND BETWEEN ENERGIZING AND DEENERGIZING THE SUPPLY FAN. ON A RETURN IN ASSOCIATE ZONE SPACE TEMPERATURE WITHIN UNOCCUPIED SET POINTS, DEENERGIZE THE SUPPLY FAN.
F. SUPPLY AIR TEMPERATURE CONTROL:
   1. WHEN THE SUPPLY FAN IS ENERGIZED, CONTROL THE COMPRESSOR SPEED AND FAN SPEED TO MAINTAIN SUPPLY AIR TEMPERATURE AT SET POINT. ON A RISE IN SPACE TEMPERATURE ABOVE SET POINT, MODULATE THE REVERSING VALVE TO THE COOLING POSITION. MAINTAIN SUPPLY AIR TEMPERATURE COOLING SET POINT OF 55°F. ON A FURTHER RISE IN SPACE TEMPERATURE, INCREASE THE SUPPLY FAN SPEED. ON A FALL IN SUPPLY AIR TEMPERATURE, REVERSE THE SEQUENCE. ON A FALL IN SPACE TEMPERATURE BELOW SET POINT, MODULATE THE REVERSING VALVE TO THE HEATING POSITION. ON A FURTHER FALL IN SUPPLY AIR TEMPERATURE BELOW SET POINT, MODULATE THE COMPRESSOR TO MAINTAIN SUPPLY AIR TEMPERATURE HEATING SET POINT OF 85°F. ON A FURTHER FALL IN SPACE TEMPERATURE, INCREASE THE FAN SPEED. ON A RISE IN SUPPLY AIR TEMPERATURE, REVERSE THE SEQUENCE. WHEN THE SUPPLY FAN IS DEENERGIZED, DEENERGIZE THE COMPRESSOR.
   2. UPON LOW TEMPERATURE CUTOFF (-27°F) OF THE VRF CONDENSER UNIT SERVING AIR HANDLING UNIT, HEAT SHALL BE PROVIDED TO SPACES VIA ELECTRIC BASEBOARD HEATING UNITS.
G. DIRTY FILTER ALARM: ON A RISE IN FILTER DIFFERENTIAL PRESSURE ABOVE SET POINT, GENERATE AN ALARM.
H. SUPPLY / RETURN DUCT SMOKE DETECTOR ALARM: ON SUPPLY OR RETURN DUCT SMOKE DETECTOR ACTIVATION, DEENERGIZE THE SUPPLY FAN(S), DE-ENERGIZE THE COMPRESSOR, AND GENERATE AN ALARM.

1 DX VAV AIR HANDLING UNIT

SCALE: N.T.S.

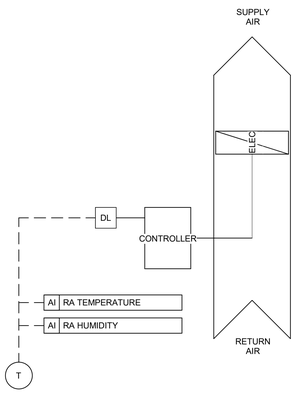


TYPICAL DX FAN COIL UNIT SEQUENCE OF OPERATION

A. GENERAL: CONTROL TO MAINTAIN ZONE TEMPERATURE.
B. SCHEDULING: OPERATE OCCUPIED OR UNOCCUPIED MODE BASED ON TIME OF DAY SCHEDULING. DURING OCCUPIED MODE OR MORNING WARM-UP MODE, MAINTAIN OCCUPIED SPACE TEMPERATURE SET POINT OF 72°F WHEN THE SYSTEM DEMANDS COOLING. DURING OCCUPIED MODE OR MORNING WARM-UP MODE, MAINTAIN OCCUPIED SPACE TEMPERATURE SET POINT OF 68°F WHEN THE SYSTEM DEMANDS HEATING. DURING UNOCCUPIED MODE, MAINTAIN UNOCCUPIED SPACE TEMPERATURE HEATING SET POINT OF 65°F AND UNOCCUPIED SPACE TEMPERATURE COOLING SET POINT OF 80°F.
   1. SPACE TEMPERATURE SET POINT ADJUSTMENT: ALLOW SET POINT ADJUSTMENT AT SPACE TEMPERATURE SENSOR AND LIMIT ADJUSTMENT TO ± 3°F.
   2. UNOCCUPIED MODE OVERRIDE PUSH BUTTON: UPON ACTIVATION OF THE SPACE SENSOR UNOCCUPIED MODE OVERRIDE PUSH BUTTON, OPERATE OCCUPIED FOR 2 HOURS.
C. SUPPLY FAN START/STOP CONTROL:
   1. IN OCCUPIED MODE, OPERATE THE SUPPLY FAN CONTINUOUSLY.
   2. IN UNOCCUPIED MODE, CYCLE THE SUPPLY FAN ON AND OFF TO SATISFY ASSOCIATED ZONE TEMPERATURE SET POINTS. ON A FALL IN SPACE TEMPERATURE BELOW ITS UNOCCUPIED SPACE TEMPERATURE HEATING SET POINT OR ON A RISE ABOVE ITS UNOCCUPIED SPACE TEMPERATURE COOLING SET POINT, ENERGIZE THE SUPPLY FAN. ON A RETURN IN ASSOCIATED ZONE SPACE TEMPERATURE WITHIN UNOCCUPIED SET POINTS, DEENERGIZE THE SUPPLY FAN. MAINTAIN A 5°F DEAD BAND BETWEEN ENERGIZING AND DEENERGIZING THE SUPPLY FAN.
D. SPACE TEMPERATURE CONTROL: ON A RISE IN SPACE TEMPERATURE ABOVE SET POINT, MODULATE THE REVERSING VALVE TO THE COOLING POSITION. ON A FALL IN SPACE TEMPERATURE BELOW SET POINT, MODULATE THE REVERSING VALVE TO THE HEATING POSITION. MAINTAIN A 5°F DEAD BAND BETWEEN HEATING AND COOLING MODES.
   1. SUPPLEMENTAL TEMPERATURE CONTROL: ON A FALL IN SPACE TEMPERATURE BELOW ITS SETPOINT, ENERGIZE STAGE 1 OF THE ELECTRIC DUCT HEATER. UPON REACHING 5 MINUTES OF NOT MEETING SPACE SETPOINT, ENERGIZE STAGE 2 OF ELECTRIC HEAT (IF APPLICABLE). UPON REACHING 15 MINUTES OF NOT MEETING SPACE SETPOINT, ENERGIZE STAGE 3 OF ELECTRIC HEAT (IF APPLICABLE).

2 DX FAN COIL UNIT

SCALE: N.T.S.



TYPICAL ELECTRIC BASEBOARD CONVECTIVE HEATER (BB-) SEQUENCE OF OPERATION

A. GENERAL: CONTROL TO MAINTAIN ZONE TEMPERATURE. PROVIDE SET POINT ADJUSTMENT AND CONTINUOUSLY MONITOR SPACE TEMPERATURE AND ALARMS AT THE DDC SYSTEM VIA BACNET.
B. SCHEDULING: OPERATE IN WINTERTIME WHEN VRF CONDENSER UNITS SHUT DOWN. MAINTAIN ADJUSTABLE SPACE TEMPERATURE SET POINT OF 65°F.
C. SPACE TEMPERATURE SET POINT ADJUSTMENT: ALLOW SET POINT ADJUSTMENT AT SPACE TEMPERATURE SENSOR.
D. SPACE TEMPERATURE CONTROL: OPERATE UNIT UNDER ITS OWN MICROPROCESSOR CONTROL SYSTEM. ON A FALL IN SPACE TEMPERATURE BELOW SET POINT, THE UNIT SHALL ENTER ITS HEATING MODE OF OPERATION.

3 ELECTRIC BASEBOARD CONVECTIVE HEATER

SCALE: N.T.S.

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL CONTROLS - AHUS + FCUS + BB

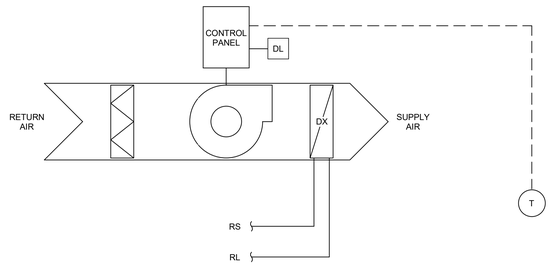
CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M8.102

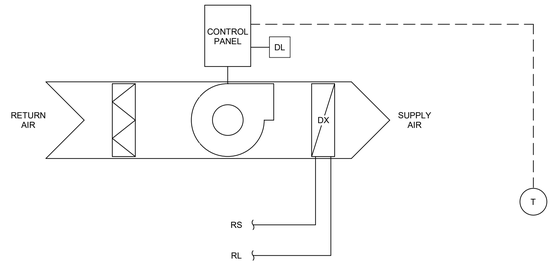


TYPICAL DUCTLESS SPLIT SYSTEM (AC-2, AC-3, AC-4A, AC-4B, AC-5A, AC-5B, AC-6) SEQUENCE OF OPERATION (ELECTRICAL + TELECOM SPACES)

A. GENERAL: CONTROL TO MAINTAIN ZONE TEMPERATURE. PROVIDE SET POINT ADJUSTMENT AND CONTINUOUSLY MONITOR SPACE TEMPERATURE AND ALARMS AT THE DDC SYSTEM.
B. SCHEDULING: OPERATE CONTINUOUSLY, MAINTAIN SPACE TEMPERATURE SET POINT OF 73°F.
C. SPACE TEMPERATURE SET POINT ADJUSTMENT: ALLOW SET POINT ADJUSTMENT AT SPACE TEMPERATURE SENSOR.
D. SPACE TEMPERATURE CONTROL: OPERATE UNIT UNDER ITS OWN MICROPROCESSOR CONTROL SYSTEM. WHEN SPACE TEMPERATURE IS ABOVE SET POINT, THE UNIT SHALL ENTER ITS COOLING MODE OF OPERATION.
E. ALARMS: UPON FAILURE TO START, SEND ALARM TO THE BAS. UPON A SPACE TEMPERATURE READING IN EXCESS OF 95°F, SEND AN ALARM TO THE BAS.

1 DUCTLESS SPLIT SYSTEM (AC-2 THRU AC-6)

SCALE: N.T.S.

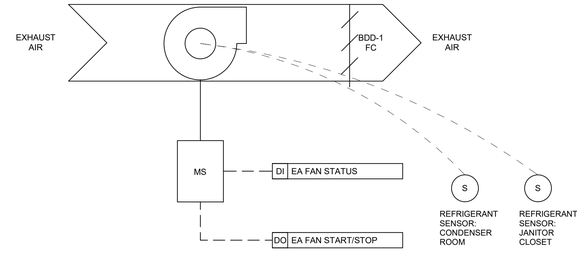


TYPICAL DUCTLESS SPLIT SYSTEM (AC-1) SEQUENCE OF OPERATION (MECHANICAL SPACE)

A. GENERAL: CONTROL TO MAINTAIN ZONE TEMPERATURE. PROVIDE SET POINT ADJUSTMENT AND CONTINUOUSLY MONITOR SPACE TEMPERATURE AND ALARMS AT THE DDC SYSTEM.
B. SCHEDULING: OPERATE TO MAINTAIN SPACE TEMPERATURE BELOW 85°F.
C. SPACE TEMPERATURE SET POINT ADJUSTMENT: ALLOW SET POINT ADJUSTMENT AT SPACE TEMPERATURE SENSOR.
D. SPACE TEMPERATURE CONTROL: OPERATE UNIT UNDER ITS OWN MICROPROCESSOR CONTROL SYSTEM. WHEN SPACE TEMPERATURE IS ABOVE SET POINT, THE UNIT SHALL ENTER ITS COOLING MODE OF OPERATION.
E. ALARMS: UPON FAILURE TO START, SEND ALARM TO THE BAS. UPON A SPACE TEMPERATURE READING IN EXCESS OF 95°F, SEND AN ALARM TO THE BAS.

2 DUCTLESS SPLIT SYSTEM (AC-1)

SCALE: N.T.S.

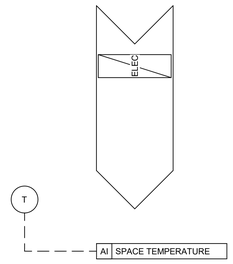


CAV EMERGENCY REFRIGERANT EXHAUST FAN (EF-1) SEQUENCE OF OPERATION

A. GENERAL: REFRIGERANT PURGE
B. FAN START/STOP CONTROL:
   1. FAN SHALL BE ENABLED UPON START SIGNAL FROM THE BAS AS A RESULT OF THE REFRIGERANT MONITOR LEVEL THREE.
   2. FAN SHALL OPERATE CONTINUOUSLY UNTIL LEAK DETECTOR DETECTS NO REFRIGERANT AND FAN IS RESET MANUALLY AT THE BAS.
   3. PROVIDE H-O-A SWITCH WITH CONNECTION TO BAS.
   4. FAN SHALL START AND OPERATE MONTHLY FOR 15 MINUTES (ADJ.) AS PART OF A MAINTENANCE CYCLE.
C. ALARM:
   1. EXHAUST FAN FAILURE ALARM: ON FAILURE TO RUN, DISABLE THE EXHAUST FAN, CLOSE THE DAMPERS AND GENERATE AN ALARM AT THE BAS.
   2. REFRIGERANT LEAK ALARM: UPON DETECTION OF REFRIGERANT LEAK, GENERATE AN ALARM AT THE BAS.

3 CAV REFRIGERANT EMERGENCY EXHAUST FAN

SCALE: N.T.S.



ELECTRIC INFRARED HEATER (UH-1 -2, -3A, -3B, -3C, -4, -5A, -5B, -6, -8A, -8B) SEQUENCE OF OPERATION

A. GENERAL: SPACE TEMPERATURE MONITORING.
B. MONITOR SPACE TEMPERATURE AT BUILDING AUTOMATION SYSTEM VIA BACNET.
C. ALARM: UPON A SPACE TEMPERATURE 5°F BELOW SETPOINT, SEND ALARM TO BAS.

4 INFRARED RADIANT HEATER - TEMPERATURE

SCALE: N.T.S.

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
CONTRACT DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL AIRPORT

SHEET TITLE:
MECHANICAL CONTROLS - DUCTLESS SPLIT SYSTEM + ELECTRIC UNIT HEATER

CONTRACT DOCUMENTS

DISCIPLINE:
MECHANICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JNG	AAF

SCALE: AS NOTED
DATE: 03/08/2024

SHEET NUMBER:
M8.103

ELECTRICAL ABBREVIATIONS

1PH	SINGLE-PHASE	ICCB	INSULATED CASE CIRCUIT BREAKER
1P	1 POLE (2P,3P,4P, ETC.)	IESNA	ILLUMINATION ENGINEERING SOCIETY of NORTH AMERICA
2/C	2 CONDUCTOR (3/C, 4/C, ETC.)	IG	ISOLATED GROUND
2W	2-WIRE (3W, 4W, ETC.)	IMC	INTERMEDIATE METAL CONDUIT
3PH	THREE-PHASE	I/O	INPUT / OUTPUT
		IR	INFRARED
A	AMMETER, AMPERE		
AC	ALTERNATING CURRENT OR ARMORED CABLE	J-BOX	JUNCTION BOX
A/C	AIR CONDITIONING UNIT		
ACT	ABOVE COUNTERTOP OR ACOUSTICAL TILE	kV	KILOVOLT
ADDL	ADDITIONAL	kVA	KILOVOLT AMPERE
ADJ	ADJACENT, ADJOINING	kVH	KILOVOLT AMPERE PER HOUR
ADO	AUTOMATIC DOOR OPENER	kVAR	KILOVOLT AMPERE REACTIVE
A/E	ARCHITECT/ENGINEER	kW	KILOWATT
AF	AMPERE FRAME OR AMP FUSE	kWH	KILOWATT HOUR
AFC	AVAILABLE FAULT CURRENT		
AFCI	ARC FAULT CIRCUIT INTERRUPTER	LAN	LOCAL AREA NETWORK
AFF	ABOVE FINISHED FLOOR	LCP	LIGHTING CONTROL PANEL
AFG	ABOVE FINISHED GRADE	LED	LIGHT EMITTING DIODE
AHJ	AUTHORITY HAVING JURISDICTION	LF	LINEAR FEET (FOOT)
AHU	AIR HANDLING UNIT	LP	LIGHT POLE
AIC	AMPERE INTERRUPTING CAPACITY	LRA	LOCKED ROTOR AMPS
AL	ALUMINUM	LRP	LIGHTING RELAY PANEL
ALT	ALTERNATE	LSIG	LONG, SHORT, INSTANTANEOUS, GROUND
AMB	AMBIENT	LS	LIFE SAFETY
AMP	AMPERE, AMPACITY, AMPLIFIER	LTG	LIGHTING
APPROX	APPROXIMATELY	LTNG	LIGHTNING
ARCH	ARCHITECT, ARCHITECTURAL	L/V	LOW VOLTAGE
AT	AMPERE TRIP		
ATS	AUTOMATIC TRANSFER SWITCH	MAX	MAXIMUM
AUTO	AUTOMATIC	MC	METAL-CLAD OR MECHANICAL CONTRACTOR
AUX	AUXILIARY	MCA	MINIMUM CIRCUIT AMPS
A/V	AUDIO / VISUAL	MCB	MAIN CIRCUIT BREAKER
AWG	AMERICAN WIRE GAUGE	MCC	MOTOR CONTROL CENTER
		MCCB	MOLDED CASE CIRCUIT BREAKER
BAT	BATTERY	MDP	MAIN DISTRIBUTION PANEL
BKR	BREAKER	MECH	MECHANICAL
BLDG	BUILDING	MFR	MANUFACTURER
BMS	BUILDING MANAGEMENT SYSTEM	MH	MANHOLE
BYP	BYPASS	MIN	MINIMUM
		MISC	MISCELLANEOUS
C	CONDUIT	MOCP	MAXIMUM OVERCURRENT PROTECTION
CAP	CAPACITY	MLO	MAIN LUGS ONLY
CAT	CATALOG	MSB	MAIN SWITCHBOARD
CATV	COMMUNITY ANTENNA TELEVISION	MSGB	MAIN SERVICE GROUND BAR
CCTV	CLOSED CIRCUIT TELEVISION	MT,MTD,MTG	MOUNT, MOUNTED, MOUNTING
CD	CANDELA	MTR	MOTOR, MOTORIZED
CD	CONSTRUCTION DOCUMENTS	MTS	MANUAL TRANSFER SWITCH
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	MV	MEDIUM VOLTAGE
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED	MVA	MEGAVOLT-AMPERE
CKT	CIRCUIT	MW	MEGAWATT
CKT BKR	CIRCUIT BREAKER		
CLF	CURRENT LIMITING FUSE	N/A	NOT APPLICABLE
CLG	CEILING	N.C.	NORMALLY CLOSED
CMU	CONCRETE MASONRY UNIT	NEC	NATIONAL ELECTRICAL CODE
COAX	COAXIAL CABLE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
COMB	COMBINATION	NEUT OR N	NEUTRAL
COMM	COMMUNICATION	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CONC	CONCRETE	NIC	NOT IN CONTRACT
CONN	CONNECTION	NL	NIGHT LIGHT
CONST	CONSTRUCTION	N.O.	NORMALLY OPEN
CONT	CONTINUE, CONTINUATION	NTS	NOT TO SCALE
CONTR	CONTRACTOR		
CPT	CONTROL POWER TRANSFORMER	OC	ON CENTER
CR	CRITICAL	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CRI	COLOR RENDERING INDEX	OFOI	OWNER FURNISHED, OWNER INSTALLED
CT	CURRENT TRANSFORMER	OL	OVERLOAD
CTR	CENTER		
CU	COPPER	P	POLE
		PA	PUBLIC ADDRESS
DB	DECIBEL, DUCTBANK	PB	PULL BOX, OR PUSHBUTTON
DC	DIRECT CURRENT	PF	POWER FACTOR
DEG C	DEGREES CELSIUS	PH	PHASE
DEG F	DEGREES FAHRENHEIT	PIV	POST INDICATOR VALVE
DEMO	DEMOLITION	PLC	PROGRAMMABLE LOGIC CONTROLLER
DIA	DIAMETER	PNL	PANEL
DIAG	DIAGRAM	PP	POWER POLE
DISC	DISCONNECT	PR	PAIR
DIST	DISTRIBUTION	PRI	PRIMARY
DN	DOWN	PT	POTENTIAL TRANSFORMER
DPDT	DOUBLE POLE, DOUBLE THROW	PVC	POLYVINYL CHLORIDE (PLASTIC)
DPST	DOUBLE POLE, SINGLE THROW	PWR	POWER
DS	DISCONNECT SWITCH		
DWG	DRAWING	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR	RCP	REFLECTED CEILING PLAN
EG	EQUIPMENT GROUND	RCPT	RECEPTACLE
EL	ELEVATION	RGS	RIGID GALVANIZED STEEL
ELEC	ELECTRIC, ELECTRICAL	RMS	ROOT MEAN SQUARE
EM	EMERGENCY	RTU	ROOF TOP UNIT
EMI	ELECTROMAGNETIC INTERFERENCE		
EMT	ELECTRICAL METALLIC TUBING	SA	SURGE ARRESTER
E.O.	ELECTRICALLY OPERATED	SCC	SHORT CIRCUIT CAPACITY
EPMS	ELECTRICAL POWER MANAGEMENT SYSTEM	SEC	SECONDARY
EPO	EMERGENCY POWER OFF	SF	SQUARE FOOT (FEET)
EV	ELECTRIC VEHICLE	SGB	SECONDARY GROUND BAR
EWC	ELECTRIC WATER COOLER	SP	SPARE
EWH	ELECTRIC WATER HEATER	SPD	SURGE PROTECTIVE DEVICE
EXIST	EXISTING	SPEC	SPECIFICATION
EXP	EXPLOSION PROOF	SPST	SINGLE POLE, SINGLE THROW
		STD	STANDARD
FA	FIRE ALARM	SW	SWITCH
FAAP	FIRE ALARM ANNUNCIATOR PANEL	SWBD	SWITCHBOARD
FABP	FIRE ALARM BOOSTER POWER SUPPLY PANEL	SWGR	SWITCHGEAR
FACP	FIRE ALARM CONTROL PANEL	SYM	SYMMETRICAL
FBO	FURNISHED BY OTHERS	SYS	SYSTEM
FC	FOOTCANDLE		
FCU	FAN COIL UNIT	T/C	TIME CLOCK
FIXT	FIXTURE	TL	TWIST LOCK
FLA	FULL LOAD AMPS	TR	TAMPER RESISTANT, TIMER RELAY
FLEX	FLEXIBLE METALLIC CONDUIT	TTB	TELEPHONE TERMINAL BOARD
FLR	FLOOR	TV	TELEVISION
FLT	FLOODLIGHT	TYP	TYPICAL
FLUOR	FLUORESCENT		
FT	FEET OR FOOT	UC	UNDER COUNTER
FU	FUSE	UG	UNDERGROUND
		UL	UNDERWRITERS LABORATORY
G/GRD/GND	GROUND	UNO	UNLESS NOTED OTHERWISE
GA	GAUGE	UPS	UNINTERRUPTIBLE POWER SUPPLY
GAL	GALLON	UTIL	UTILITY
GC	GENERAL CONTRACTOR		
GEN	GENERATOR	V	VOLT, VOLTAGE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	VA	VOLT AMPERE
GRC	GALVANIZED RIGID CONDUIT	VAR	VOLT AMPERE REACTIVE
GTB	GROUND TERMINAL BOX	VFD	VARIABLE FREQUENCY DRIVE
HH	HANDHOLE	W	WATT
HOA	HAND-OFF-AUTOMATIC	W/	WITH
HP	HORSEPOWER	WG	WIRE GUARD
HRG	HIGH RESISTANCE GROUND	WH	WATT HOUR, WATER HEATER
H/V	HIGH VOLTAGE	W/O	WITHOUT
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	WP	WEATHERPROOF
HZ	HERTZ		
		XFER	TRANSFER
		XFMR	TRANSFORMER

POWER PLAN SYMBOLS

X Y Z	NORMAL POWER DUPLEX RECEPTACLE WITH COVERPLATE, NEMA 5-20R; STANDARD MOUNTING HEIGHT 18" A.F.F. UNLESS OTHERWISE NOTED: X INDICATES CIRCUIT NUMBER, Y INDICATES NON-STANDARD MOUNTING HEIGHT, AND Z INDICATES THE FOLLOWING: AC =HVAC CONTROL CONNECTION ABOVE CEILING COPY =COPIER; MTD 42" A.F.F. COFF =COFFEE MAKER; MTD 44" A.F.F. C =CONTROLLED, PER ASHRAE 90.1 DW =DISHWASHER GD =GARBAGE DISPOSAL ICE =ICE MACHINE; MTD 44" A.F.F. M =MICROWAVE; MTD 44" A.F.F. MN =PATIENT MONITOR; MTD 72" A.F.F. P =PRINTER; MTD 44" A.F.F. PX =PYXIS DISPENSER REF =REFRIGERATOR; MTD 48" A.F.F. S =SURGE PROTECTED SHR =SHREDDER TL =TWIST LOCK T =TAMPER RESISTANT TV =TELEVISION; MTD 72" A.F.F. U =USB UC REF =UNDER COUNTER REFRIGERATOR V =VENDING, MTD 48" A.F.F.(GFCI BREAKER) W =WEATHER PROOF WC =WATER COOLER (GFCI BREAKER) X =X-RAY XP =EXPLOSION PROOF
	DUPLEX RECEPTACLE INSTALLED ABOVE COUNTER, SAME NOTATION AS ABOVE.
	EMERGENCY DUPLEX RECEPTACLE, SAME NOTATION AS ABOVE.
	CRITICAL UPS DUPLEX RECEPTACLE, SAME NOTATION AS ABOVE.
	GFCI RECEPTACLE INSTALLED IN READILY ACCESSIBLE LOCATION, SAME NOTATION AS ABOVE.
	EMERGENCY GFCI RECEPT. INSTALLED IN READILY ACCESSIBLE LOCATION, SAME NOTATIONS AS ABOVE.
	GFCI RECEPTACLE INSTALLED ABOVE COUNTER, SAME NOTATION AS ABOVE.
	DOUBLE DUPLEX RECEPTACLE , SAME NOTATION AS ABOVE.
	EMERGENCY DOUBLE DUPLEX RECEPTACLE, SAME NOTATION AS ABOVE.
	CRITICAL UPS DOUBLE DUPLEX RECEPTACLE, SAME NOTATION AS ABOVE.
	SIMPLEX RECEPTACLE, SAME NOTATION AS ABOVE.
	EMERGENCY SIMPLEX RECEPTACLE, SAME NOTATION AS ABOVE.
	CRITICAL UPS SIMPLEX RECEPTACLE, SAME NOTATION AS ABOVE.
	GFCI SPECIAL RECEPTACLE, SAME NOTATION AS ABOVE.
	EMERGENCY SPECIAL RECEPTACLE, SAME NOTATION AS ABOVE.
	CRITICAL UPS SPECIAL RECEPTACLE, SAME NOTATION AS ABOVE.
	SPECIAL PURPOSE RECEPTACLE, SAME NOTATION AS ABOVE.
	DUPLEX RECEPTACLE WITH (1)USB-A AND (1)USB-C, SAME NOTATION AS ABOVE.
	COMBINATION ROOF MOUNTED LIGHT AND WEATHERPROOF RECEPTACLE
	DUPLEX/QUAD FLOOR BOX WITH FLUSH MOUNTED DEVICE. WATER RESISTANT, WIREMOLD RFBA2/4/6R30OG, EFB8S-OG SERIES OR EQUAL. NUMBER OF GANGS PER RECEPTACLE AND TELE/DATA DEVICE COUNTS.
	CEILING MOUNTED DUPLEX/QUAD RECEPTACLE
	CEILING/FLOOR/WALL MOUNTED JUNCTION BOX / EQUIPMENT CONNECTION
	CEILING/FLOOR/WALL MOUNTED EMERGENCY JUNCTION BOX / EQUIPMENT CONNECTION
M	1-PHASE MOTOR CONNECTION
M	3-PHASE MOTOR CONNECTION
	MANUAL MOTOR STARTER, TOGGLE TYPE, WITH THERMAL OVERLOAD DEVICE
	ENCLOSED CIRCIT BREAKER
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH, FUSE SIZE AS SHOWN
	COMBINATION MOTOR STARTER/DISCONNECT
	PUSH BUTTON, TYPE AS INDICATED OR NOTED
	PANELBOARD (SIZED TO SCALE)
	POWER TRANSFORMER (SIZED TO SCALE)
	GROUND ROD
	AIR TERMINAL
	GROUND BONDING POINT TO STEEL STRUCTURE, REBAR, PIPE, ETC.
	GROUNDING CONNECTION (TYPE AS SHOWN OR NOTED)
	BARE COPPER GROUND CONDUCTOR, SIZE AS SHOWN
	GROUND BAR
MH X	MANHOLE: X INDICATES TYPE AS FOLLOWS P = POWER MANHOLE T = TELECOMMUNICATIONS MANHOLE
HH X	HANDHOLE: X INDICATES TYPE AS FOLLOWS P = POWER MANHOLE T = TELECOMMUNICATIONS MANHOLE

LIGHTING PLAN SYMBOLS

x $Y	WALL SWITCH WITH COVERPLATE, STANDARD MOUNTING HEIGHT 48" A.F.F.: x = SWITCH AND LUMINAIRE GROUPS, Y = THE FOLLOWING: <blank>= SINGLE-POLE 2 = DOUBLE-POLE (2-WAY) 3 = THREE-POLE (3-WAY) 4 = FOUR-POLE (4-WAY) D = DIMMER SWITCH T = DIGITAL TIMER SWITCH WP= WEATHERPROOF SWITCH
$3,D	WALL MOUNTED DIMMER SWITCH WITH "TRUE" 3-WAY DIMMING CAPABILITIES
$OS	WALL MOUNTED VACANCY SENSOR, DUAL-TECHNOLOGY, SINGLE SWITCHING CONTROL
$OSD	WALL MOUNTED VACANCY SENSOR, DUAL-TECHNOLOGY, WITH DIMMING
$LV	WALL MOUNTED LOW-VOLTAGE SWITCH
$D	WALL MOUNTED LOW-VOLTAGE LIGHT SWITCH WITH ON/OFF AND RAISE/LOWER CONTROL
OS	CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR
DS	CEILING MOUNTED DAYLIGHT SENSOR
XX # x,y	LIGHTING FIXTURE, XX = FIXTURE TYPE (SEE LIGHTING FIXTURE SCHEDULE), # = CIRCUIT NUMBER, & x,y = SWITCH CONTROL
	LIGHTING FIXTURE ON LIFE SAFTEY BRANCH
N/L	LIGHTING FIXTURE ON LIFE SAFETY BRANCH WITH BATTERY BACKUP (N/L = NIGHT LIGHT)
XX	EMERGENCY LIGHT UNIT, WITH INTEGRAL BATTERY PACK, 2-HEADS FIELD-ADJUSTABLE UON. XX = FIXTURE TYPE (SEE LIGHTING FIXTURE SCHEDULE)
XX	EXIT SIGN, CEILING MOUNTED, SHADING DENOTES # OF FACES, DIRECTIONAL ARROWS AS INDICATED ON PLANS. XX = FIXTURE TYPE (SEE LIGHTING FIXTURE SCHEDULE)
XX	EXIT SIGN, CEILING MOUNTED, DOUBLE FACED, SIMILAR DESCRIPTION SINGLE-FACE AS ABOVE
XX	EXIT SIGN, WALL MOUNTED, SHADING DENOTES # OF FACES, DIRECTIONAL ARROWS AS INDICATED ON PLANS. XX = FIXTURE TYPE (SEE LIGHTING FIXTURE SCHEDULE)
XX	EXIT SIGN, WALL MOUNTED, DOUBLE FACED, SIMILAR DESCRIPTION SINGLE-FACE AS ABOVE
	DOWNLIGHT, XX = FIXTURE TYPE (SEE LIGHTING FIXTURE SCHEDULE)
	WALL MOUNTED LIGHT FIXTURE, XX = FIXTURE TYPE (SEE LIGHTING FIXTURE SCHEDULE)

ONE-LINE DIAGRAM SYMBOLS

X, Y	DISCONNECT SWITCH X INDICATES SIZE, Y INDICATES NUMBER OF POLES IF OTHER THAN 3.	Z X Y	CIRCUIT BREAKER X INDICATES FRAME SIZE, Y INDICATES TRIP RATING, Z INDICATES NUMBER OF POLES IF OTHER THAN 3.
X, Z Y	FUSED SWITCH X INDICATES SWITCH SIZE, Y INDICATES FUSE SIZE, Z INDICATES NUMBER OF POLES IF OTHER THAN 3.	Z X Y LSI	DRAWOUT CIRCUIT BREAKER X INDICATES FRAME SIZE, Y INDICATES TRIP RATING, Z INDICATES NUMBER OF POLES IF OTHER THAN 3.
	TRANSFER SWITCH AMP RATING, NUMBER OF POLES, ETC. AS INDICATED OR SPECIFIED.	52 X Y	MEDIUM VOLTAGE DRAWOUT CIRCUIT BREAKER X INDICATES CT RATIO, Y INDICATES FRAME SIZE
	AUTOMATIC TRANSFER SWITCH WITH BYPASS ISOLATION. AMP RATING, NUMBER OF POLES, ETC. AS INDICATED OR SPECIFIED.		TRANSFORMER KVA, PRI & SEC VOLTAGE, K-RATING, ETC. AS INDICATED OR SPECIFIED.
			ISOLATION TRANSFORMER KVA, PRI & SEC VOLTAGE, K-RATING, ETC. AS INDICATED OR SPECIFIED.
	FUSED POTENTIAL TRANSFORMER		CURRENT TRANSFORMER
SA	SURGE ARRESTER (QUANTITY OF 3 U.N.O.)	X	FUSE X INDICATES SIZE
	EARTH GROUND	XX Y	MOTOR CONTROLLER: XX INDICATES TYPE, Y INDICATES NEMA SIZE (00,0,1,2,3,4,5, ETC.) SS= SOLID STATE STARTER AF= ADJUSTABLE FREQUENCY STARTER AT= AUTO TRANSFORMER STARTER PW= PART WINDING STARTER Y = WYE - DELTA STARTER WR= WOUND ROTOR STARTER 22 = TWO-SPEED, TWO-WINDING STARTER 21 = TWO-SPEED, ONE-WINDING STARTER NR= FULL VOLTAGE, NON-REVERSING STARTER R = FULL VOLTAGE, REVERSING STARTER
AS	AMMETER SWITCH		
VS	VOLTMETER SWITCH		
GFP	GROUND FAULT PROTECTOR		
PDM	POWER DEMAND METER, WITH 15-MINUTE INTERVAL DATA COLLECTION MOUNT ADJACENT TO PANELBOARD SERVED. NEMA 1 ENCLOSURE UON. ASHRARE 90.1 COMPLIANT		
SPD	SURGE PROTECTIVE DEVICE		
EPO	EMERGENCY POWER OFF		
CP	CONTROL PANEL	K	KEYED INTERLOCK
A	AMMETER	XXX	PANELBOARD
V	VOLTMETER		
W	WATT METER	XXX	MINI POWER-ZONE
G	GENERATOR		
M	MOTOR (M=HP)		

DATA/SYSTEMS SYMBOLS

▽	ROUGH-IN FOR DATA DEVICE MOUNTED AT 18" A.F.F., UNLESS NOTED OTHERWISE
▼	ROUGH-IN FOR PHONE MOUNTED AT 54" A.F.F., UNLESS NOTED OTHERWISE
▽T	ROUGH-IN FOR PHONE/DATA DEVICE MOUNTED AT 18" A.F.F., UNLESS NOTED OTHERWISE
CR	ROUGH-IN FOR ACCESS CONTROL CARD READER DEVICE MOUNTED AT 48" A.F.F., UNLESS NOTED OTHERWISE
CCTV	ROUGH-IN FOR CCTV CAMERA DEVICE. COORDINATE MOUNTING HEIGHT WITH SYSTEM VENDOR PRIOR TO ROUGH-IN.
ACM	ALARM CONTROL PANEL
XX	FLOOR CONNECTOR ASSEMBLY, 'XX' INDICATES TYPE. REFERENCE FLOOR CONNECTOR ASSEMBLY SCHEDULE FOR SPECIFIC INFORMATION FOR EACH TYPE.
XX	WALL CONNECTOR ASSEMBLY. 'XX' INDICATED TYPE. REFERENCE WALL CONNECTOR ASSEMBLY SCHEDULE FOR SPECIFIC INFORMATION FOR EACH TYPE.
XX	CEILING OR DESKTOP CONNECTOR ASSEMBLY. 'XX' INDICATES TYPE. REFERENCE CEILING/DESKTOP CONNECTOR ASSEMBLY SCHEDULE FOR SPECIFIC INFORMATION FOR EACH TYPE.
XX	CEILING SPEAKER, 'X' INDICATES TYPE. REFERENCE CEILING SPEAKER SCHEDULE FOR SPECIFIC INFORMATION FOR EACH TYPE.
PJ-XX	PROJECTOR. 'XX' INDICATES TYPE. REFERENCE PROJECTOR SCHEDULE FOR SPECIFIC INFORMATION FOR EACH TYPE.
SC-XX	CEILING MOUNTED PROJECTION SCREEN, 'XX' INDICATES TYPE. REFERENCE PROJECTION SCREEN SCHEDULE FOR SPECIFIC INFORMATION FOR EACH TYPE.
DS-XX	FLAT SCREEN DISPLAY, 'XX' INDICATES TYPE. REFERENCE DISPLAY SCHEDULE FOR SPECIFIC INFORMATION FOR EACH TYPE.
RK-XX	AUDIOVISUAL EQUIPMENT RACK, 'XX' INDICATES RACK NUMBER. REFERENCE EQUIPMENT RACK SCHEDULE FOR SPECIFIC INFORMATION FOR EACH TYPE.

CIRCUITS

1NL1-1	ARROWHEAD DENOTES HOMERUN CIRCUIT(S). SUBSCRIPT DENOTES PANELBOARD AND CIRCUIT NUMBER(S). SHORT HASH MARKS DENOTE PHASE CONDUCTOR(S), LONG HASH MARK DENOTES NEUTRAL, HASH WITH DOT DENOTES GROUND.
	CIRCUITING CONDUCTOR CONNECTING TWO DEVICES OR JUNCTION BOXES, DENOTES CONDUIT WITH 1 PHASE, 1 NEUTRAL AND 1 GROUND CONDUCTOR UNO. NON-DASHED LINE INDICATES CONDUIT EXPOSED OR CONCEALED IN WALL OR ABOVE CEILING.
	BRANCH CIRCUIT OR FEEDER INTENTIONALLY ROUTED IN FLOOR SLAB OR BELOW GRADE.
	LOW VOLTAGE OR WIRELESS LIGHTING/MOTOR/DEVICE CONTROL SIGNAL, REFER TO KEYNOTES IN PLAN FOR DETAILS.
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	CONDUIT CAPPED

WHERE NOT INDICATED ON THE PLANS, BRANCH CIRCUIT CONDUCTORS AND CONDUITS SHALL BE SIZED, AT MINIMUM, BASED ON THE SCHEDULE BELOW. BRANCH CIRCUIT LENGTH SHALL BE LIMITED TO 75'-0" WHERE POSSIBLE. THE WIRING FOR ANY BRANCH CIRCUIT EXCEEDING 75'-0" IN LENGTH SHALL BE UPSIZED TO MAINTAIN < 3% VOLTAGE DROP.

BRANCH CIRCUIT WIRING MINIMUM REQUIREMENTS

	WIRE SIZE (AWG)		CONDUIT SIZE	
OCPD SIZE	PHASE/NEUTRAL	GROUND	3W+GRD	4W+GRD
20A	#12	#12	3/4"	3/4"
30A	#10	#12	3/4"	3/4"
40A	#8	#12	3/4"	3/4"
55A	#6	#12	3/4"	1"
60A	#4	#10	1"	1-1/4"

GENERAL ELECTRICAL NOTES

A. THIS IS A STANDARD LEGEND SHEET. SOME SYMBOLS OR ABBREVIATIONS APPEAR ON THIS SHEET AND NOT ON PROJECT DRAWINGS.

B. UNLESS OTHERWISE INDICATED, MOUNTING ELEVATIONS ARE CENTERLINE ELEVATIONS.

C. CONDUIT HOMERUNS NOT OTHERWISE MARKED SHALL BE CONSIDERED 2#12 AND 1#12 GROUND IN 3/4" MIN. CONDUIT.

D. CIRCUITS ARE RATED FOR INDOOR OVERHEAD ROUTING. OBTAIN ENGINEER APPROVAL ON DERATING FOR UNDERGROUND, TRAY, PLENUM AND ROOF-MOUNTED INSTALLATIONS. LIMIT VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS.

E. CONTRACTOR SHALL NOT BE PERMITTED TO CONSOLIDATE INDIVIDUAL BRANCH CIRCUIT HOME RUNS EXCEPT AS FOLLOWS:
   a: WHEN SHOWN ON DRAWINGS
   b: WITH PRIOR WRITTEN APPROVAL BY THE ENGINEER
   c: ABOVE ACCESSIBLE CEILING NEAR PANEL.
      ALL 120V & 277V BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTORS. CONSOLIDATED HOMERUNS SHALL HAVE A MAXIMUM OF 3 SEPARATE PHASE CONDUCTORS.

F. WIRE AND CONDUIT SIZES AND QUANTITIES FOR FEEDERS AND BRANCH CIRCUITS WHICH ARE SHOWN ON ONE-LINE DIAGRAMS APPLY TO PLAN SHEETS.

G. ALL WALL AND FLOOR PENETRATIONS FOR CONDUIT INSTALLATION SHALL BE PROPERLY SEALED AND FIRE STOPPED.

H. NEMA 1 UNLESS INDICATED OTHERWISE, 3R=NEMA 3R, 4X=NEMA 4X.

I. TRAVELERS FOR MULTIPLE LOCATION SWITCHING ARE NOT MARKED ON THE PLANS. CONTRACTOR SHALL PROVIDE QUANTITY OF CONDUCTORS REQUIRED FOR THE INDICATED SWITCHING.

J. CIRCUIT IDENTIFICATION SHALL BE AS FOLLOWS:
   A-2 INDICATES A CIRCUIT AT CIRCUIT 2 OF PANELBOARD A. REFER TO PANEL SCHEDULE FOR BREAKER INFORMATION.
   A-5,7 INDICATES TWO CIRCUITS AT CIRCUITS 5 & 7 OF PANELBOARD A. REFER TO PANEL SCHEDULE FOR BREAKER INFORMATION.

K. SERIES OR CASCADED RATINGS ARE NOT ALLOWED UNLESS SPECIFICALLY NOTED.

L. NO WIRING DEVICES OR OUTLET BOXES SHALL BE INSTALLED BACK-TO-BACK. CONTRACTOR SHALL COORDINATE ALL RECEPTACLE MOUNTING HEIGHTS WITH APPROVED CASEWORK SHOP DRAWINGS PRIOR TO INSTALLATION OF AFFECTED RECEPTACLES.

M. WALL-MOUNTED EXIT SIGNS INDICATED ABOVE DOORS SHALL BE CENTERED BETWEEN THE TOP OF DOOR FRAME AND CEILING IF VERTICAL DISTANCE BETWEEN THE TWO IS 24 INCHES OR LESS; OTHERWISE, MOUNT BOTTOM OF EXIT SIGN 6 INCHES ABOVE TOP OF DOOR FRAME.

N. CONSTRUCTION DETAILS SHOWN ON X-X SERIES DRAWINGS SHOW TYPICAL INSTALLATION UNLESS OTHERWISE NOTED AND APPLY TO ELECTRICAL WORK INCLUDED IN THIS PACKAGE EVEN THOUGH NOT SPECIFICALLY REFERENCED ON THE PLAN DRAWINGS.

O. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND DETAILS. ARCHITECTURAL ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON ELECTRICAL DRAWINGS.

P. DRAWINGS REPRESENT ELECTRICAL DESIGN INTENT. CONTRACTOR SHALL FURNISH, INSTALL, AND SIZE ALL SLEEVES, HOLES, CORES, PATCHING, SLOTS, ANCHORS, BRACKETS, SUPPORTS, JUNCTION BOXES, PULL BOXES, AND OTHER APPURTENANCES NECESSARY TO EXECUTE THE CONTRACT DOCUMENTS COMPLETE. SOME OF THESE ITEMS MAY BE SHOWN ON THE DRAWINGS FOR CLARITY OR DESIGN PREFERENCE. HOWEVER, NOT ALL OF THE ITEMS, NECESSARY FOR COMPLETE EXECUTION AND INSTALLATION, ARE SHOWN.

Q. THE RECOMMENDED CIRCUIT LENGTHS AND CIRCUIT LOADING SHALL NOT EXCEED THESE REQUIREMENTS WHEN INSTALLING THE EMERGENCY LIGHTING REMOTE HEADS. 24 VOLT WIRE SIZE, #10AWG.

TOTAL WATTS	WIRING DISTANCE IN FEET
8	1,698
16	754
24	543
32	377
40	308
48	271
56	242
64	194

PANELBOARD IDENTIFICATION

2 E L 1

FLOOR:
0 - BASEMENT
1 - FIRST
2 - SECOND

EMERGENCY/NORMAL:
E - EMERGENCY
N - NORMAL
LS - LIFE SAFETY
EQ - EQUIPMENT
CR - CRITICAL
CRU - CRITICAL UPS
SBU - STANDBY UPS
LR - LEGALLY REQUIRED
SB - STANDBY OPTIONAL

VOLTAGE:
H - 480/277
L - 208/120 (GENERAL PWR)
C - 208/120 (COMPUTER PWR)

SEQUENTIAL NUMBER
OF PARTICULAR TYPE OF PANEL IN THIS AREA:
1 - FIRST
2 - SECOND
3 - THIRD
4 - FOURTH
5 - FIFTH

Sheet Number	Sheet Name
E0.001	ELECTRICAL LEGENDS, SYMBOLS & ABBREVIATIONS
E0.100	ELECTRICAL SITE PLAN
E0.101	ELECTRICAL LIGHTNING PROTECTION PLAN
E1.101	LEVEL 1 POWER PLAN
E1.102	LEVEL 2 POWER PLAN
E2.101	LEVEL 1 MECH POWER PLAN
E2.102	LEVEL 2 MECH POWER PLAN
E2.103	GENERATOR ENCLOSURE POWER PLAN
E3.101	LEVEL 1 LIGHTING PLAN
E3.102	LEVEL 2 LIGHTING PLAN
E4.101	ENLARGED ELECTRICAL POWER PLAN
E5.101	ELECTRICAL DETAILS
E5.102	ELECTRICAL DETAILS
E5.103	ELECTRICAL DETAILS
E5.104	ELECTRICAL DETAILS
E6.101	PANEL SCHEDULES
E6.102	PANEL SCHEDULES
E6.103	PANEL SCHEDULES
E6.110	OTHER ELECTRICAL SCHEDULES
E7.101	RISER DIAGRAM

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE — ROBERT J. SMOLINSKI No. 17621 — LICENSED PROFESSIONAL ENGINEER
06/05/24

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

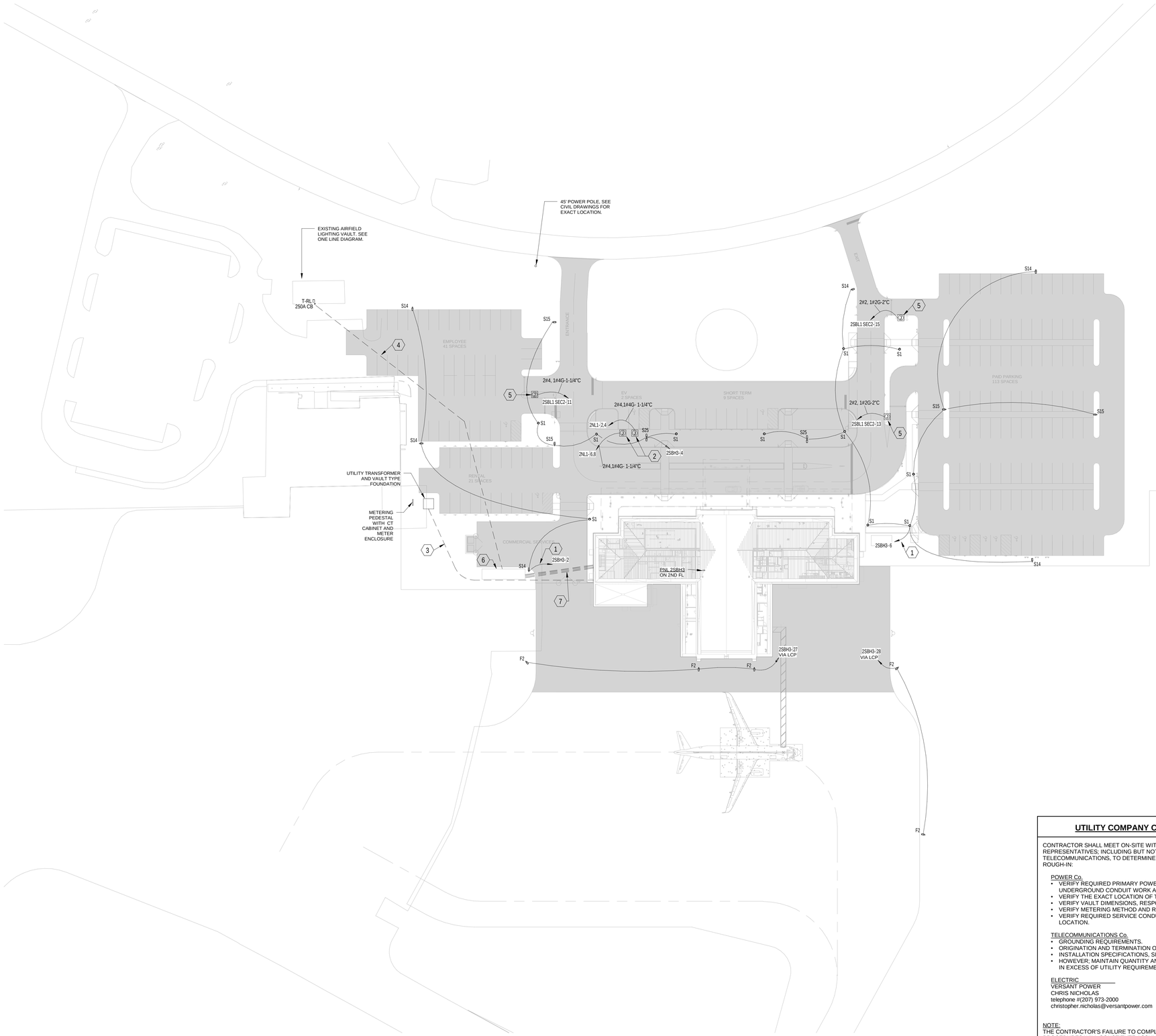
SHEET TITLE:
ELECTRICAL LEGENDS, SYMBOLS & ABBREVIATIONS
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E0.001



1 ELECTRICAL SITE PLAN

Scale: 1" = 40'-0"

GENERAL NOTES - ELECTRICAL SITE

A. ALL UNDERGROUND SITE CONDUIT SHALL BE BURIED A MINIMUM OF 36 INCHES DEEP BELOW FINISHED GRADE TO TOP OF CONDUIT, UON.

B. PROVIDE COLORED WARNING TAPE FOR IDENTIFICATION AT 18 INCHES DEEP (ABOVE SERVICE CONDUIT RUNS) PER NEC 300.5(d)(3).

C. CONDUIT RUN BELOW GRADE SHALL BE PVC SCHEDULE 40. ELBOWS AND RISERS SHALL BE GALVANIZED RIGID CONDUIT. ALL TURNS SHALL BE MADE WITH LONG SWEEP ELLS. REFER TO SPECIFICATIONS.

D. THE CONTRACTOR SHALL PROVIDE ALL EXCAVATING AND BACK-FILLING REQUIRED FOR ALL NEW WORK, INCLUDING; FILL, COMPACTION, SURFACE, ETC. TO MEET ALL REQUIREMENTS AS APPLICABLE TO THE AREA.

E. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL DETERMINE THE PRESENCE AND LOCATION OF ANY UNDERGROUND RACEWAYS SUCH AS ELECTRIC POWER, TELECOMMUNICATIONS, WATER, GAS, SEWAGE, ETC. WHETHER PREVIOUSLY EXISTING OR AS INSTALLED BY OTHER TRADES, TO AVOID INTERFERENCE WITH ANY SUCH SYSTEM.

F. SPARE AND EMPTY CONDUITS SHALL HAVE PULLWIRE INSTALLED, CAPPED, AND LABELED AS TO THEIR FUNCTION, AND EXACT LOCATIONS RECORDED ON AS-BUILT DRAWINGS.

G. ALL EXTERIOR DEVICES SHALL BE MANUFACTURER RATED FOR EXTERIOR USE AND SHALL BE WEATHERPROOF TYPE.

H. ALL SITE AREA LIGHTING FIXTURES AND POLES WILL BE FURNISHED BY THE ELECTRIC UTILITY. THE CONTRACTOR SHALL COORDINATE INSTALLATION AND WIRE AS SHOWN WITH THE ELECTRIC UTILITY. (LED SMALL PROFILE SHOEBOX FIXTURES, MOUNTED ON 30'-0" ROUND SMOOTH ALUMINUM POLES.) REFER TO POLE BASED DETAIL(S) FOR ADDITIONAL INFORMATION. COORDINATE WITH LIGHTING FIXTURE SCHEDULE.

I. THE CONTRACTOR SHALL MAINTAIN AN AS-BUILT DIMENSIONAL DRAWING ON-SITE SHOWING ALL UNDERGROUND SERVICE ROUTING AND TERMINATION POINTS.

CONSTRUCTION PHASING NOTES

1. COORDINATE WITH SITE CONTRCTOR AND CIVIL CONSTRUCTION PHASING PLAN FOR PHASING OF SITE ELECTRICAL EQUIPMENT.

KEYED NOTES

1. ROUTE SITE LIGHTING CIRCUIT VIA LIGHTING CONTROL PANEL (LCP), TYPICAL.
2. PROVIDE LEVEL 2 EV CHARGING STATIONS IN PARKING AREA. CIRCUIT TO 120/208V PANEL ON 2ND FLOOR. COORDINATE COMMUNICATIONS CONDUIT REQUIREMENTS WITH EQUIPMENT.
3. ELECTRICAL SECONDARY DUCTBANK, FROM UTILITY TO MAIN ELECTRICAL DISCONNECT LOCATED IN WATER ENTRY ROOM 139. REFER TO POWER RISER DIAGRAM ON SHEET E7.101, AND DUCTBANK DETAIL ON SHEET E5.102 FOR MORE INFORMATION.
4. CIRCUIT TO EXISTING FAA ELECTRICAL VAULT. REFER TO POWER RISER DIAGRAM ON SHEET E7.101 FOR MORE INFORMATION.
5. PROVIDE 120V CIRCUITS TO PARKING GATE EQUIPMENT. COORDINATE COMMUNICATIONS CONDUIT REQUIREMENTS WITH BADGE READERS, SELF PAY KIOSKS, AND GATE OPERATORS.
6. GENERATOR ENCLOSURE. SEE SHEET E2.103.
7. ELECTRICAL DUCTBANK FROM GENERATOR ENCLOSURE TO 1ST FLOOR CHASE. REFER TO POWER RISER DIAGRAM ON SHEET E7.101, AND DUCTBANK DETAIL ON SHEET E5.102 FOR MORE INFORMATION.

UTILITY COMPANY COORDINATION NOTES:

CONTRACTOR SHALL MEET ON-SITE WITH THE UTILITY COMPANIES AUTHORIZED REPRESENTATIVES, INCLUDING BUT NOT LIMITED TO, POWER AND TELECOMMUNICATIONS, TO DETERMINE THE FOLLOWING; PRIOR TO BID AND ROUGH-IN:

POWER Co.
- VERIFY REQUIRED PRIMARY POWER POLE, POLE LOCATION, RISER AND UNDERGROUND CONDUIT WORK AND RESPONSIBILITIES.
- VERIFY THE EXACT LOCATION OF THE VAULT-MOUNTED TRANSFORMER.
- VERIFY VAULT DIMENSIONS, RESPONSIBILITY AND SPECIFICATIONS.
- VERIFY METERING METHOD AND REQUIREMENTS.
- VERIFY REQUIRED SERVICE CONDUITS, ROUTING, AND TERMINATION LOCATION.

TELECOMMUNICATIONS Co.
- GROUNDING REQUIREMENTS.
- ORIGINATION AND TERMINATION OF THE SERVICE CONDUITS.
- INSTALLATION SPECIFICATIONS, SIZE AND QUANTITY REQUIRED.
- HOWEVER; MAINTAIN QUANTITY AND SIZE SHOWN ON THESE DRAWINGS, IF IN EXCESS OF UTILITY REQUIREMENTS.

ELECTRIC	TELECOMMUNICATIONS
VERSANT POWER	utility co. name
CHRIS NICHOLAS	contact name
telephone #(207) 973-2000	telephone #
christopher.nicholas@versantpower.com	email address

NOTE:
THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE COORDINATION PROCEDURES WILL CONSTITUTE ASSUMING ALL COST ASSOCIATED WITH REPLACING ANY AND ALL WORK ALREADY IN PLACE TO MEET THE UTILITY COMPANY'S RULES AND REQUIREMENTS.

GRAPHIC SCALE:
0' 40' 80' 120'

PRESQUE ISLE INTERNATIONAL AIRPORT / AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621
LICENSED PROFESSIONAL ENGINEER
06/05/24

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

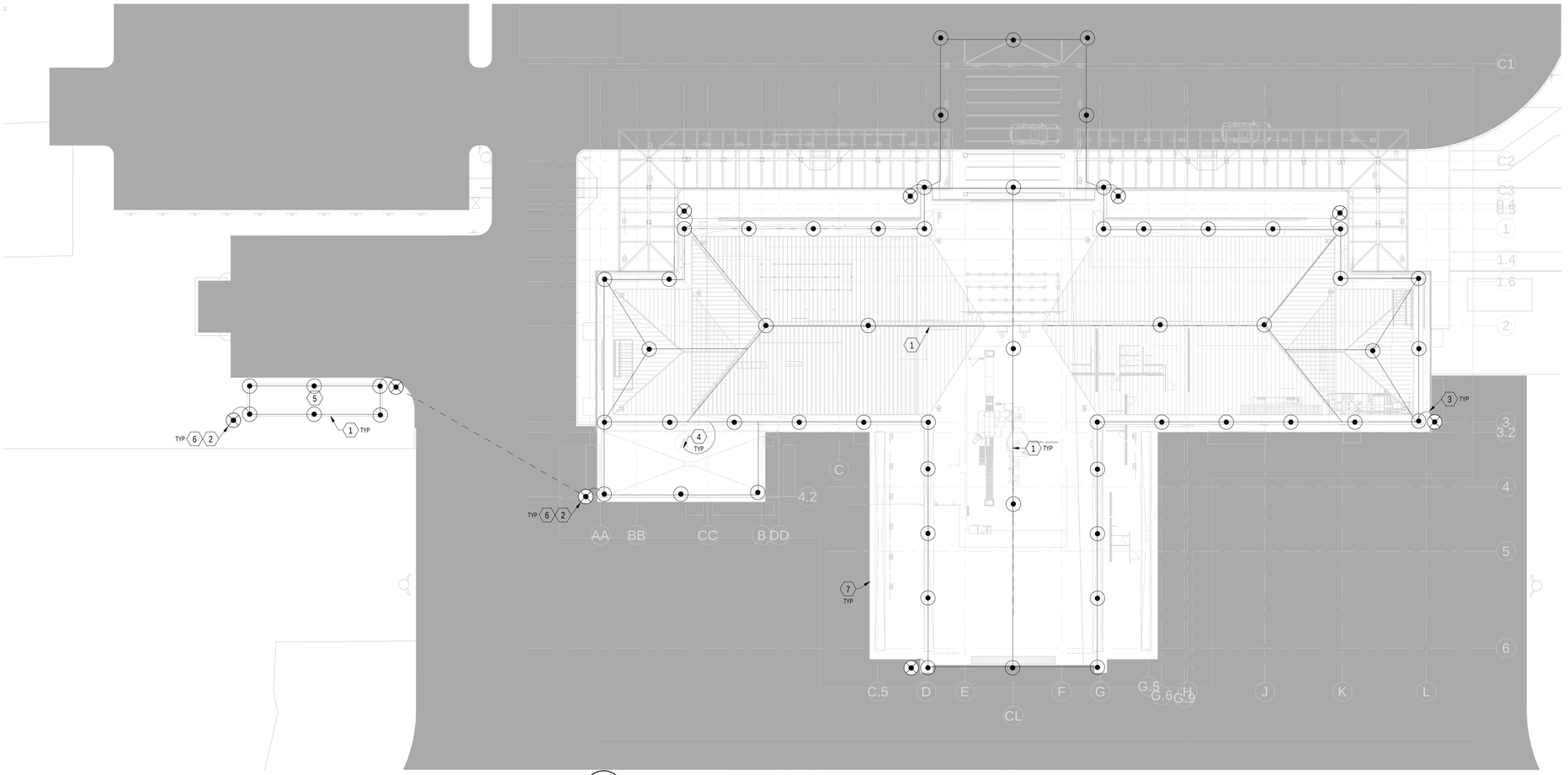
SHEET TITLE:
ELECTRICAL SITE PLAN
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
CR	CR	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E0.100



1 LIGHTNING PROTECTION PLAN

Scale: 1/16" = 1'-0"

KEYED NOTES

1. CLASS 1 COPPER BRAIDED LPS CONDUCTOR. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. 3/4" DIA. x 10'-0" L. COPPER-CLAD GROUND ROD FOR LPS.
3. ROUTE LPS DOWN CONDUCTOR TO GROUND ROD. LPS DOWN CONDUCTOR SHALL BE COMPLETELY CONCEALED WITHIN STRUCTURE. COORDINATE WITH BUILDING ELEVATION(S).
4. BOND METALLIC PIPING, ROOF HATCH, ETC. TO LPS. REFER TO GENERAL NOTES AND SPECIFICATIONS.
5. AFFIX AIR TERMINAL TO THE TOP OF EQUIPMENT.
6. TEST WELL WITH GROUND ROD FOR LPS.
7. LOWER ROOF IS UNDER LPS ZONE OF PROTECTION CREATED BY HIGHER PROTECTED AREAS.

GENERAL NOTES - LIGHTNING PROTECTION

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. THE CONTRACTOR SHALL PROVIDE A COMPLETE U.L. MASTER LABEL INSPECTION CERTIFIED LIGHTNING PROTECTION SYSTEM (LPS) FOR THE PROJECT PER NFPA 780 AND SPECIFICATIONS.

C. THE LPS INSTALLER (LIGHTNING PROTECTION INSTITUTE CERTIFIED) SHALL MODIFY THE LPS DESIGN SHOWN ON THE CONSTRUCTION DOCUMENTS AS REQUIRED BY PROJECT CONDITIONS TO ENSURE THE LPS MEETS U.L. REQUIREMENTS.

D. ALL MATERIALS SHALL BE U.L. LISTED AND LABELED. LABELS SHALL BE ON ALL AIR TERMINALS AND AT 10'-0" INTERVALS ON THE LPS CONDUCTOR CABLE.

E. PROVIDE APPROPRIATE MOUNTING HARDWARE/ADHESIVES TO MATCH THE SURFACE ONTO WHICH THE AIR TERMINAL OR BASE IS TO BE MOUNTED.

F. UON, ROUTE LPS CONDUCTOR EXPOSED ON THE ROOF SURFACE. ROUTE LPS CONDUCTORS EXPOSED AT PARAPET WALLS JUST BELOW THE TOP LEVEL OF PARAPET WALLS.

G. MAINTAIN DOWNWARD OR HORIZONTAL COURSING OF LPS CONDUCTORS AND ENSURE THAT ALL BENDS HAVE AT LEAST AN 8" RADIUS AND ARE LESS THAN 90deg.

H. INTERCONNECT LPS GROUND WITH OTHER BUILDING GROUND SYSTEMS AS REQUIRED BY NEC, NFPA AND OTHER CODES.

I. REFER TO TYPICAL LIGHTNING PROTECTION LAYOUT DETAIL FOR ADDITIONAL INFORMATION.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
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BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621
LICENSED PROFESSIONAL ENGINEER
06/05/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ELECTRICAL LIGHTNING PROTECTION PLAN
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
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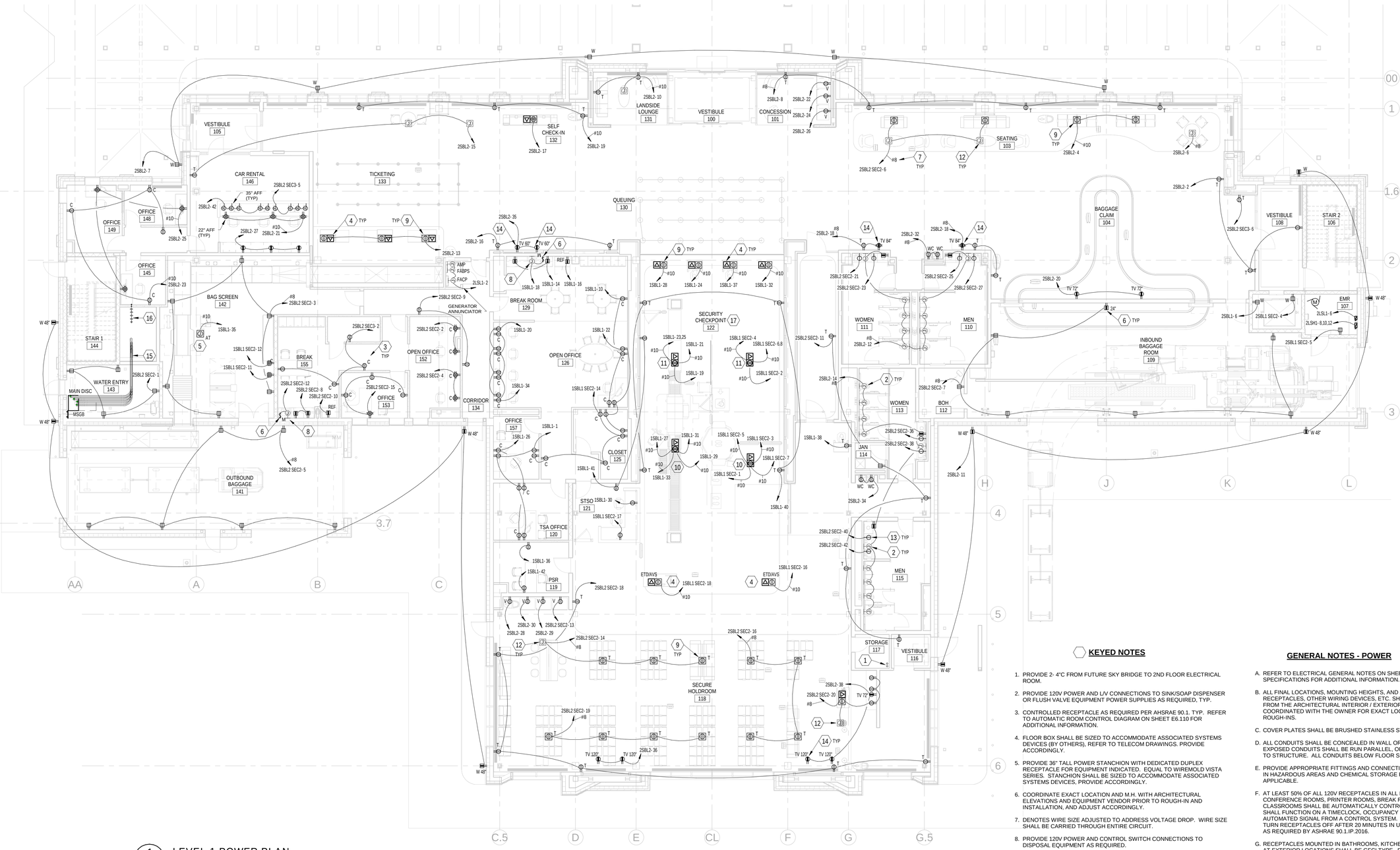
E0.101



1 LEVEL 1 POWER PLAN

Scale: 1/8" = 1'-0"

KEYED NOTES

1. PROVIDE 2- 4"C FROM FUTURE SKY BRIDGE TO 2ND FLOOR ELECTRICAL ROOM.
2. PROVIDE 120V POWER AND L/V CONNECTIONS TO SINK/SOAP DISPENSER OR FLUSH VALVE EQUIPMENT POWER SUPPLIES AS REQUIRED, TYP.
3. CONTROLLED RECEPTACLE AS REQUIRED PER AHSRAE 90.1. TYP. REFER TO AUTOMATIC ROOM CONTROL DIAGRAM ON SHEET E6.110 FOR ADDITIONAL INFORMATION.
4. FLOOR BOX SHALL BE SIZED TO ACCOMMODATE ASSOCIATED SYSTEMS DEVICES (BY OTHERS), REFER TO TELECOM DRAWINGS. PROVIDE ACCORDINGLY.
5. PROVIDE 36" TALL POWER STANCHION WITH DEDICATED DUPLEX RECEPTACLE FOR EQUIPMENT INDICATED. EQUAL TO WIREMOLD VISTA SERIES. STANCHION SHALL BE SIZED TO ACCOMMODATE ASSOCIATED SYSTEMS DEVICES, PROVIDE ACCORDINGLY.
6. COORDINATE EXACT LOCATION AND M.H. WITH ARCHITECTURAL ELEVATIONS AND EQUIPMENT VENDOR PRIOR TO ROUGH-IN AND INSTALLATION, AND ADJUST ACCORDINGLY.
7. DENOTES WIRE SIZE ADJUSTED TO ADDRESS VOLTAGE DROP. WIRE SIZE SHALL BE CARRIED THROUGH ENTIRE CIRCUIT.
8. PROVIDE 120V POWER AND CONTROL SWITCH CONNECTIONS TO DISPOSAL EQUIPMENT AS REQUIRED.
9. COORDINATE FLOOR BOX LOCATION WITH APPROVED FURNITURE OR EQUIPMENT SO THEY DO NOT CONFLICT WITH FURNITURE OR EQUIPMENT PANELS, LEGS, ETC., PRIOR TO ROUGH-IN AND INSTALLATION, AND ADJUST ACCORDINGLY. PROVIDE CONNECTION WHIPS / TERMINATIONS TO FURNITURE OUTLETS AS REQUIRED.
10. PROVIDE FLOOR BOX WITH (1)5-20R DUPLEX FOR PVS, (1)5-20R DUPLEX FOR CONVIENCE/FUTURE, (1)5-20R DUPLEX FOR ETD/CONVENIENCE, (1)5-20R SIMPLEX FOR AIT. REFER TO TELECOM DRAWINGS FOR DATA REQUIREMENTS.
11. PROVIDE FLOOR BOX WITH (1)5-20R DUPLEX FOR CONVEYOR, (1)L5-15R FOR WTMD, (1)L6-20R FOR CT . REFER TO TELECOM DRAWINGS FOR DATA REQUIREMENTS.
12. COORDINATE CONDUIT STUB UP LOCATION WITH APPROVED FURNITURE OR EQUIPMENT SO THEY DO NOT CONFLICT WITH FURNITURE OR EQUIPMENT PANELS, LEGS, ETC., PRIOR TO ROUGH-IN AND INSTALLATION, AND ADJUST ACCORDINGLY. PROVIDE CONNECTION WHIPS / TERMINATIONS TO FURNITURE OUTLETS AS REQUIRED.
13. PROVIDE 120V POWER AND SIMPLEX RECEPTACLE FOR LAVATORY HAND DRYER. COORDINATE RECEPTACLE CONFIGURATION AND LOCATION PRIOR TO ROUGH-IN AND INSTALLATION, AND ADJUST AS REQUIRED.
14. RECEPTACLE FOR AV DISPLAY. REFER TO AV DRAWINGS FOR MOUNTING DETAILS.
15. ROUTE CONDUITS FROM MAIN DISCONNECT SWITCH TO 2ND FLOOR ELECTRICAL ROOM THROUGH CHASE. REFER TO POWER RISER DIAGRAM ON SHEET E7.101 FOR MORE INFORMATION.
16. ROUTE CONDUITS FROM GENERATOR ENCLOSURE TO 2ND FLOOR MAIN ELECTRICAL ROOM AND EMERGENCY ELECTRICAL ROOM. THROUGH CHASE. REFER TO POWER RISER DIAGRAM ON SHEET E7.101 FOR MORE INFORMATION.
17. TSA SECURITY CHECKPOINT FLOOR BOXES AND RECEPTACLES TO HAVE 1'C MINIMUM. COORDINATE EXACT EQUIPMENT REQUIREMENTS AND LOCATIONS WITH TSA AND ARCHITECTURAL DRAWINGS PRIOR TO ROUGH IN.

GENERAL NOTES - POWER

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. ALL FINAL LOCATIONS, MOUNTING HEIGHTS, AND ARRANGEMENTS OF RECEPTACLES, OTHER WIRING DEVICES, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL INTERIOR / EXTERIOR ELEVATIONS AND COORDINATED WITH THE OWNER FOR EXACT LOCATIONS PRIOR TO ROUGH-INS.

C. COVER PLATES SHALL BE BRUSHED STAINLESS STEEL, UON.

D. ALL CONDUITS SHALL BE CONCEALED IN WALL OR ABOVE CEILING. ALL EXPOSED CONDUITS SHALL BE RUN PARALLEL, OR AT RIGHT-ANGLES TO STRUCTURE. ALL CONDUITS BELOW FLOOR SHALL BE 3/4" MINIMUM.

E. PROVIDE APPROPRIATE FITTINGS AND CONNECTIONS (SEAL-OFF, ETC.) IN HAZARDOUS AREAS AND CHEMICAL STORAGE ROOMS, AS APPLICABLE.

F. AT LEAST 50% OF ALL 120V RECEPTACLES IN ALL PRIVATE OFFICES, CONFERENCE ROOMS, PRINTER ROOMS, BREAK ROOMS, AND CLASSROOMS SHALL BE AUTOMATICALLY CONTROLLED. CONTROL SHALL FUNCTION ON A TIMECLOCK, OCCUPANCY SENSOR, OR AN AUTOMATED SIGNAL FROM A CONTROL SYSTEM. SENSORS SHALL TURN RECEPTACLES OFF AFTER 20 MINUTES IN UNOCCUPIED SPACE. AS REQUIRED BY ASHRAE 90.1-IP.2016.

G. RECEPTACLES MOUNTED IN BATHROOMS, KITCHENS, ROOFTOP, AND AT EXTERIOR LOCATIONS SHALL BE GFCI TYPE. RECEPTACLES WITHIN SIX (6) FEET OF A SINK OR BASIN, AND SERVING VENDING MACHINES SHALL BE GFCI TYPE. EXTERIOR RECEPTACLES SHALL BE WEATHER-PROOF TYPE WITH 'IN-USE' COVER PLATES. REFER TO NEC 210.8(B) FOR ADDITIONAL LOCATIONS WHERE GFCI TYPE RECEPTACLES ARE REQUIRED.

H. RECEPTACLES INSTALLED IN PUBLIC AREAS SHALL BE TAMPER-RESISTANT TYPE.

I. ROUTE ALL DATA, A/V OR L/V CABLING IN CONDUIT, WITHIN OR ALONG WALLS, UP TO ACCESSIBLE CEILING SPACE. CABLING SHALL TRANSITION TO J-HOOKS ABOVE CEILING, AND ROUTED BACK TO EQUIPMENT ROOM. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

J. ALL L/V CABLING LOCATED ABOVE CEILING, NOT RUN IN CONDUIT, SHALL BE TEFLON COATED AND PLENUM RATED. COORDINATE WITH OWNER FOR EXACT REQUIREMENTS.

K. ALL TELEPHONE / DATA OUTLET JACKS FACE PLATES AND CABLING TO BE FURNISHED AND INSTALLED BY OTHERS.

L. EACH BRANCH CIRCUIT HOMERUN SHALL CONTAIN NO MORE THAN THREE (3)CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUND CONDUCTOR.

M. PROVIDE PROTECTIVE EQUIPMENT ON SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, AND ALL OTHER ELECTRICAL EQUIPMENT TO PROTECT AGAINST LEAKS, CONDENSATION AND BREAKS FROM DUCTS AND PIPING, IF LOCATED DIRECTLY ABOVE THE ELECTRICAL EQUIPMENT.

N. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON SHEET E6.110 FOR ELECTRICAL REQUIREMENTS TO MECHANICAL EQUIPMENT AND ADDITIONAL INFORMATION.

O. BRANCH CIRCUIT HOMERUNS SHALL BE LIMITED TO 3% VOLTAGE DROP, INCREASE CONDUCTOR AWG SIZE ACCORDINGLY TO LIMIT VOLTAGE DROP TO 3%. BRANCH CIRCUIT HOMERUNS LESS THAN 100'-0" MAY BE # 12 AWG. BRANCH CIRCUIT HOMERUNS GREATER THAN 100'-0" SHALL BE MINIMUM #10 AWG.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621 LICENSED PROFESSIONAL ENGINEER
06/05/24

KEY PLAN:

REVISIONS:

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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 POWER PLAN
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
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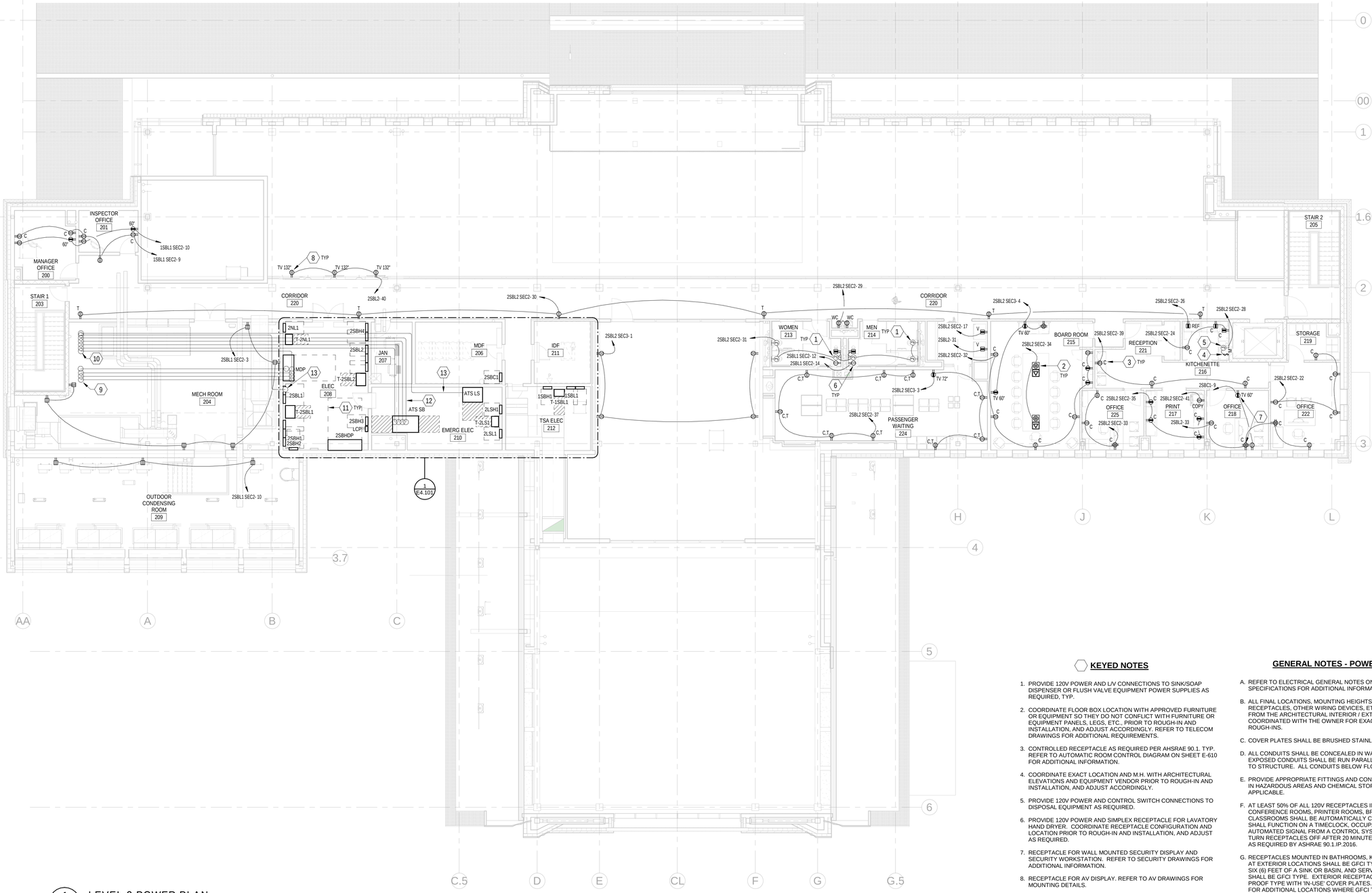
SHEET NUMBER:
E1.101



1 LEVEL 2 POWER PLAN

Scale: 1/8" = 1'-0"

KEYED NOTES

1. PROVIDE 120V POWER AND L/V CONNECTIONS TO SINK/SOAP DISPENSER OR FLUSH VALVE EQUIPMENT POWER SUPPLIES AS REQUIRED, TYP.
2. COORDINATE FLOOR BOX LOCATION WITH APPROVED FURNITURE OR EQUIPMENT SO THEY DO NOT CONFLICT WITH FURNITURE OR EQUIPMENT PANELS, LEGS, ETC., PRIOR TO ROUGH-IN AND INSTALLATION, AND ADJUST ACCORDINGLY. REFER TO TELECOM DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. CONTROLLED RECEPTACLE AS REQUIRED PER AHSRAE 90.1 TYP. REFER TO AUTOMATIC ROOM CONTROL DIAGRAM ON SHEET E-610 FOR ADDITIONAL INFORMATION.
4. COORDINATE EXACT LOCATION AND M.H. WITH ARCHITECTURAL ELEVATIONS AND EQUIPMENT VENDOR PRIOR TO ROUGH-IN AND INSTALLATION, AND ADJUST ACCORDINGLY.
5. PROVIDE 120V POWER AND CONTROL SWITCH CONNECTIONS TO DISPOSAL EQUIPMENT AS REQUIRED.
6. PROVIDE 120V POWER AND SIMPLEX RECEPTACLE FOR LAVATORY HAND DRYER. COORDINATE RECEPTACLE CONFIGURATION AND LOCATION PRIOR TO ROUGH-IN AND INSTALLATION, AND ADJUST AS REQUIRED.
7. RECEPTACLE FOR WALL MOUNTED SECURITY DISPLAY AND SECURITY WORKSTATION. REFER TO SECURITY DRAWINGS FOR ADDITIONAL INFORMATION.
8. RECEPTACLE FOR AV DISPLAY. REFER TO AV DRAWINGS FOR MOUNTING DETAILS.
9. ROUTE CONDUITS FROM MAIN DISCONNECT SWITCH TO 2ND FLOOR ELECTRICAL ROOM THROUGH CHASE. REFER TO POWER RISER DIAGRAM ON SHEET E7.101 FOR MORE INFORMATION.
10. ROUTE CONDUITS FROM GENERATOR ENCLOSURE TO 2ND FLOOR MAIN ELECTRICAL ROOM AND EMERGENCY ELECTRICAL ROOM. THROUGH CHASE. REFER TO POWER RISER DIAGRAM ON SHEET E7.101 FOR MORE INFORMATION.
11. DASHED LINES DENOTE WORKING CLEARANCES. WORKING SPACE TO COMPLY WITH NEC 110.26.
12. CONDUITS FROM EMDP IN GENERATOR ENCLOSURE TO ATS-SB. REFER TO POWER RISER DIAGRAM ON SHEET E7.101 FOR MORE INFORMATION.
13. CONDUITS FROM EMDP IN GENERATOR ENCLOSURE TO ATS-LS. REFER TO POWER RISER DIAGRAM ON SHEET E7.101 FOR MORE INFORMATION.
14. CONDUITS FROM GENERATOR ENCLOSURE PANEL GENSBL1 TO 2SBL1. REFER TO POWER RISER DIAGRAM ON SHEET E7.101 FOR MORE INFORMATION.

GENERAL NOTES - POWER

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. ALL FINAL LOCATIONS, MOUNTING HEIGHTS, AND ARRANGEMENTS OF RECEPTACLES, OTHER WIRING DEVICES, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL INTERIOR / EXTERIOR ELEVATIONS AND COORDINATED WITH THE OWNER FOR EXACT LOCATIONS PRIOR TO ROUGH-INS.

C. COVER PLATES SHALL BE BRUSHED STAINLESS STEEL, UON.

D. ALL CONDUITS SHALL BE CONCEALED IN WALL OR ABOVE CEILING. ALL EXPOSED CONDUITS SHALL BE RUN PARALLEL, OR AT RIGHT-ANGLES TO STRUCTURE. ALL CONDUITS BELOW FLOOR SHALL BE 3/4" MINIMUM.

E. PROVIDE APPROPRIATE FITTINGS AND CONNECTIONS (SEAL-OFF, ETC.) IN HAZARDOUS AREAS AND CHEMICAL STORAGE ROOMS, AS APPLICABLE.

F. AT LEAST 50% OF ALL 120V RECEPTACLES IN ALL PRIVATE OFFICES, CONFERENCE ROOMS, PRINTER ROOMS, BREAK ROOMS, AND CLASSROOMS SHALL BE AUTOMATICALLY CONTROLLED. CONTROL SHALL FUNCTION ON A TIMECLOCK, OCCUPANCY SENSOR, OR AN AUTOMATED SIGNAL FROM A CONTROL SYSTEM. SENSORS SHALL TURN RECEPTACLES OFF AFTER 20 MINUTES IN UNOCCUPIED SPACE. AS REQUIRED BY ASHRAE 90.1.IP.2016.

G. RECEPTACLES MOUNTED IN BATHROOMS, KITCHENS, ROOFTOP, AND AT EXTERIOR LOCATIONS SHALL BE GFCI TYPE. RECEPTACLES WITHIN SIX (6) FEET OF A SINK OR BASIN, AND SERVING VENDING MACHINES SHALL BE GFCI TYPE. EXTERIOR RECEPTACLES SHALL BE WEATHER-PROOF TYPE WITH 'IN-USE' COVER PLATES. REFER TO NEC 210.8(B) FOR ADDITIONAL LOCATIONS WHERE GFCI TYPE RECEPTACLES ARE REQUIRED.

H. RECEPTACLES INSTALLED IN PUBLIC AREAS SHALL BE TAMPER-RESISTANT TYPE.

I. ROUTE ALL DATA, A/V OR L/V CABLING IN CONDUIT, WITHIN OR ALONG WALLS, UP TO ACCESSIBLE CEILING SPACE. CABLING SHALL TRANSITION TO J-HOOKS ABOVE CEILING, AND ROUTED BACK TO EQUIPMENT ROOM. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

J. ALL L/V CABLING LOCATED ABOVE CEILING, NOT RUN IN CONDUIT, SHALL BE TEFLON COATED AND PLENUM RATED. COORDINATE WITH OWNER FOR EXACT REQUIREMENTS.

K. ALL TELEPHONE / DATA OUTLET JACKS FACE PLATES AND CABLING TO BE FURNISHED AND INSTALLED BY OTHERS.

L. EACH BRANCH CIRCUIT HOMERUN SHALL CONTAIN NO MORE THAN THREE (3)CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUND CONDUCTOR.

M. PROVIDE PROTECTIVE EQUIPMENT ON SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, AND ALL OTHER ELECTRICAL EQUIPMENT TO PROTECT AGAINST LEAKS, CONDENSATION AND BREAKS FROM DUCTS AND PIPING, IF LOCATED DIRECTLY ABOVE THE ELECTRICAL EQUIPMENT.

N. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON SHEET E6.110 FOR ELECTRICAL REQUIREMENTS TO MECHANICAL EQUIPMENT AND ADDITIONAL INFORMATION.

O. BRANCH CIRCUIT HOMERUNS SHALL BE LIMITED TO 3% VOLTAGE DROP, INCREASE CONDUCTOR AWG SIZE ACCORDINGLY TO LIMIT VOLTAGE DROP TO 3%. BRANCH CIRCUIT HOMERUNS LESS THAN 100'-0" MAY BE # 12 AWG. BRANCH CIRCUIT HOMERUNS GREATER THAN 100'-0" SHALL BE MINIMUM #10 AWG.

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AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621 LICENSED PROFESSIONAL ENGINEER
06/05/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

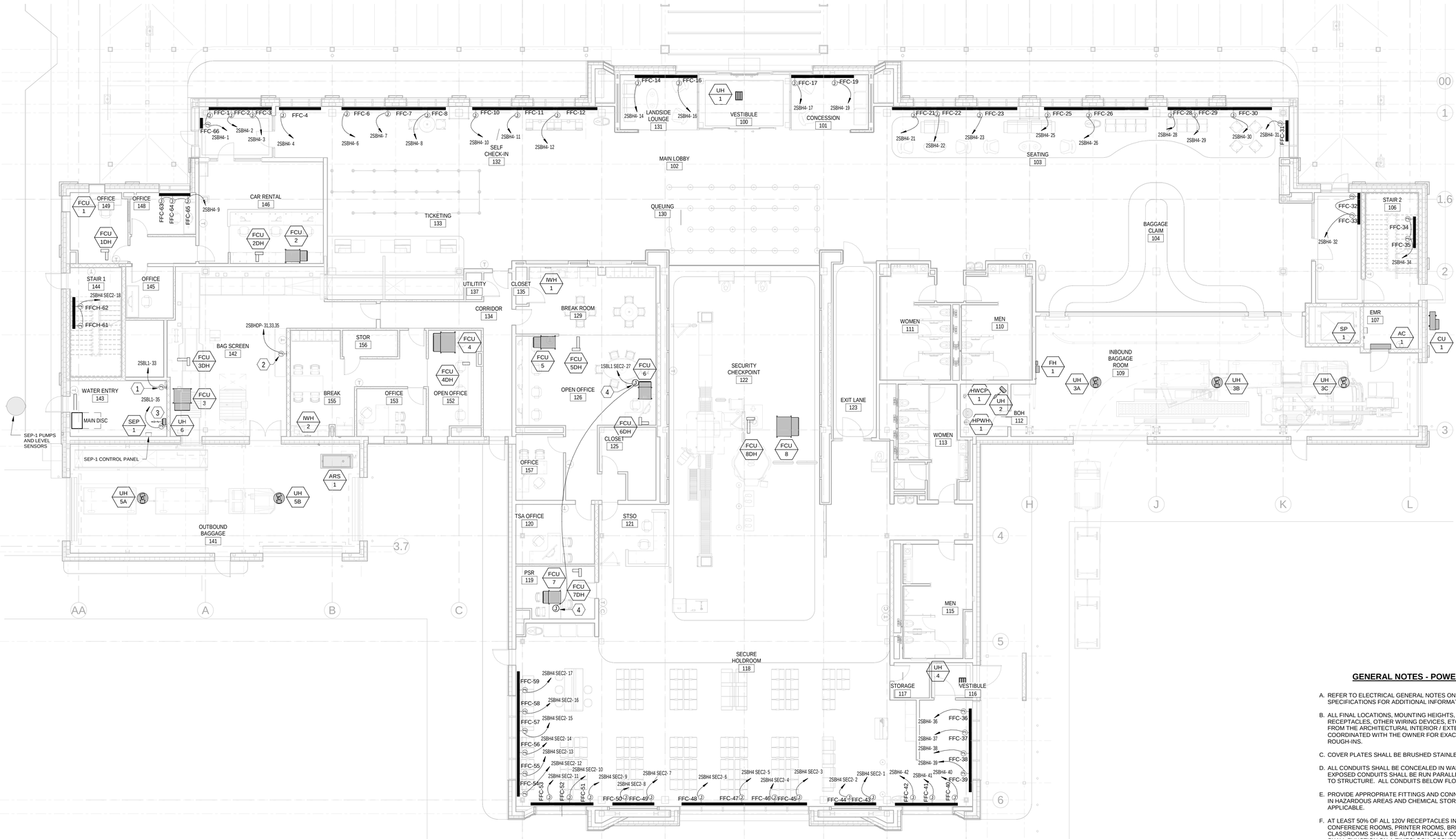
SHEET TITLE:
LEVEL 2 POWER PLAN
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E1.102



1 LEVEL 1 MECH POWER PLAN

Scale: 1/8" = 1'-0"

KEYED NOTES

1. PROVIDE J-BOX AND HARDWIRE 120V POWER CONNECTION TO AUTOMATIC TRAP PRIMER VALVE.
2. PROVIDE 480V CONNECTION TO BAGGAGE HANDLING SYSTEM DISTRIBUTION PANEL WITH 4#3, 1#8G-1-1/2"C.
3. PROVIDE J-BOX AND HARDWIRE 120V POWER CONNECTION TO NITROGEN GENERATOR.
4. PROVIDE 120V POWER CONNECTION WITH DISCONNECT MEANS FOR CONDENSATE PUMP. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED.

GENERAL NOTES - POWER

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. ALL FINAL LOCATIONS, MOUNTING HEIGHTS, AND ARRANGEMENTS OF RECEPTACLES, OTHER WIRING DEVICES, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL INTERIOR / EXTERIOR ELEVATIONS AND COORDINATED WITH THE OWNER FOR EXACT LOCATIONS PRIOR TO ROUGH-INS.

C. COVER PLATES SHALL BE BRUSHED STAINLESS STEEL, UON.

D. ALL CONDUITS SHALL BE CONCEALED IN WALL OR ABOVE CEILING. ALL EXPOSED CONDUITS SHALL BE RUN PARALLEL, OR AT RIGHT-ANGLES TO STRUCTURE. ALL CONDUITS BELOW FLOOR SHALL BE 3/4" MINIMUM.

E. PROVIDE APPROPRIATE FITTINGS AND CONNECTIONS (SEAL-OFF, ETC.) IN HAZARDOUS AREAS AND CHEMICAL STORAGE ROOMS, AS APPLICABLE.

F. AT LEAST 50% OF ALL 120V RECEPTACLES IN ALL PRIVATE OFFICES, CONFERENCE ROOMS, PRINTER ROOMS, BREAK ROOMS, AND CLASSROOMS SHALL BE AUTOMATICALLY CONTROLLED. CONTROL SHALL FUNCTION ON A TIMECLOCK, OCCUPANCY SENSOR, OR AN AUTOMATED SIGNAL FROM A CONTROL SYSTEM. SENSORS SHALL TURN RECEPTACLES OFF AFTER 20 MINUTES IN UNOCCUPIED SPACE. AS REQUIRED BY ASHRAE 90.1.IP.2016.

G. RECEPTACLES MOUNTED IN BATHROOMS, KITCHENS, ROOFTOP, AND AT EXTERIOR LOCATIONS SHALL BE GFCI TYPE. RECEPTACLES WITHIN SIX (6) FEET OF A SINK OR BASIN, AND SERVING VENDING MACHINES SHALL BE GFCI TYPE. EXTERIOR RECEPTACLES SHALL BE WEATHER-PROOF TYPE WITH 'IN-USE' COVER PLATES. REFER TO NEC 210.8(B) FOR ADDITIONAL LOCATIONS WHERE GFCI TYPE RECEPTACLES ARE REQUIRED.

H. RECEPTACLES INSTALLED IN PUBLIC AREAS SHALL BE TAMPER-RESISTANT TYPE.

I. ROUTE ALL DATA, A/V OR L/V CABLING IN CONDUIT, WITHIN OR ALONG WALLS, UP TO ACCESSIBLE CEILING SPACE. CABLING SHALL TRANSITION TO J-HOOKS ABOVE CEILING, AND ROUTED BACK TO EQUIPMENT ROOM. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

J. ALL L/V CABLING LOCATED ABOVE CEILING, NOT RUN IN CONDUIT, SHALL BE TEFLON COATED AND PLENUM RATED. COORDINATE WITH OWNER FOR EXACT REQUIREMENTS.

K. ALL TELEPHONE / DATA OUTLET JACKS FACE PLATES AND CABLING TO BE FURNISHED AND INSTALLED BY OTHERS.

L. EACH BRANCH CIRCUIT HOMERUN SHALL CONTAIN NO MORE THAN THREE (3)CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUND CONDUCTOR.

M. PROVIDE PROTECTIVE EQUIPMENT ON SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, AND ALL OTHER ELECTRICAL EQUIPMENT TO PROTECT AGAINST LEAKS, CONDENSATION AND BREAKS FROM DUCTS AND PIPING, IF LOCATED DIRECTLY ABOVE THE ELECTRICAL EQUIPMENT.

N. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON SHEET E6.110 FOR ELECTRICAL REQUIREMENTS TO MECHANICAL EQUIPMENT AND ADDITIONAL INFORMATION.

O. BRANCH CIRCUIT HOMERUNS SHALL BE LIMITED TO 3% VOLTAGE DROP, INCREASE CONDUCTOR AWG SIZE ACCORDINGLY TO LIMIT VOLTAGE DROP TO 3%. BRANCH CIRCUIT HOMERUNS LESS THAN 100'-0" MAY BE # 12 AWG. BRANCH CIRCUIT HOMERUNS GREATER THAN 100'-0" SHALL BE MINIMUM #10 AWG.

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ROBERT J. SMOLINSKI No. 17621 LICENSED PROFESSIONAL ENGINEER
06/05/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

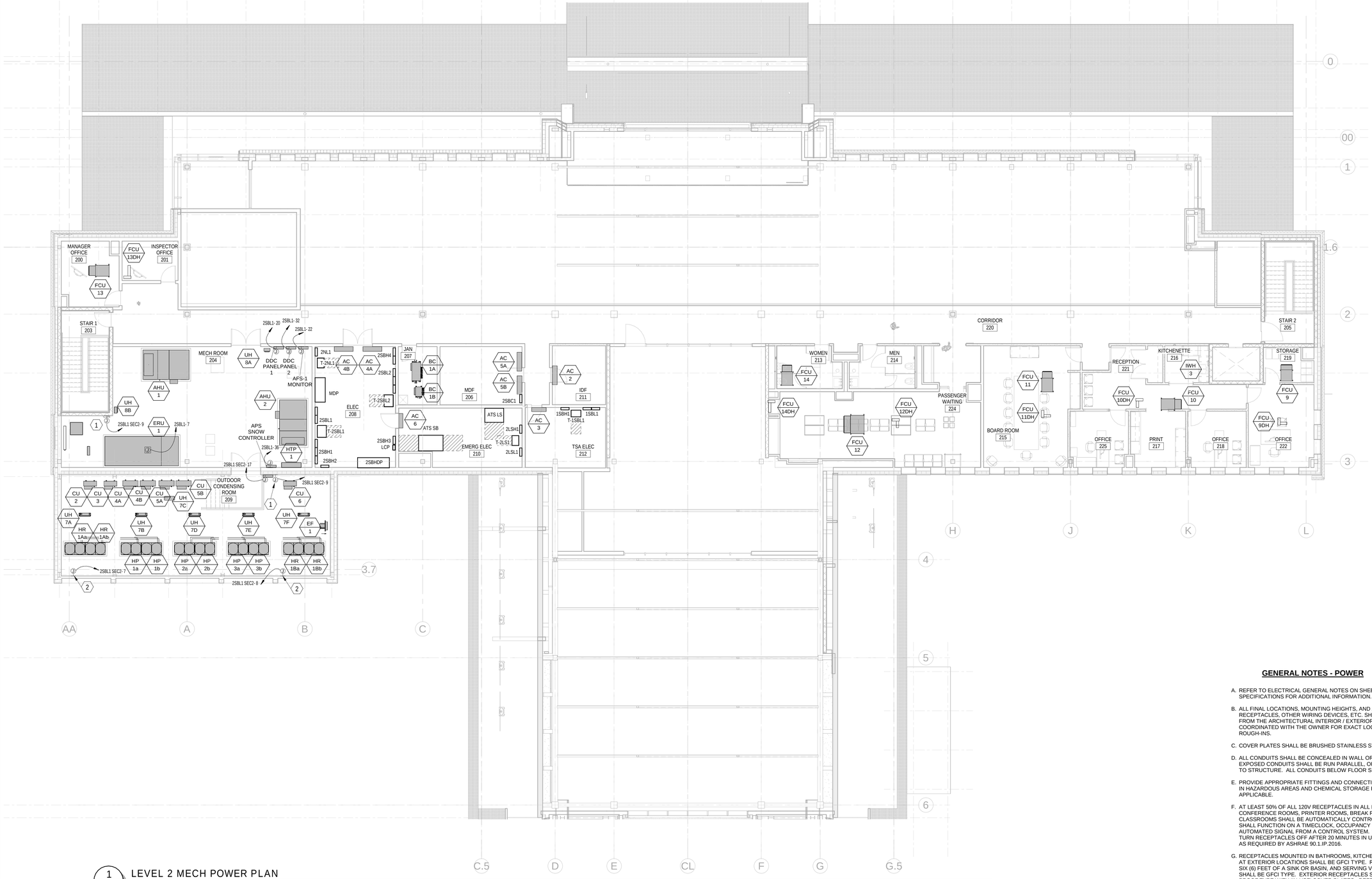
SHEET TITLE:
LEVEL 1 MECH POWER PLAN
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E2.101



1 LEVEL 2 MECH POWER PLAN

Scale: 1/8" = 1'-0"

KEYED NOTES

1. PROVIDE J-BOX AND HARDWIRE 120V POWER CONNECTION TO AUTOMATIC TRAP PRIMER VALVE. COORDINATE EXACT EQUIPMENT LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN AND INSTALLATION.
2. PROVIDE J-BOX AND HARDWIRE 120V POWER CONNECTION TO HVAC DAMPER/CONTROLS.

GENERAL NOTES - POWER

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. ALL FINAL LOCATIONS, MOUNTING HEIGHTS, AND ARRANGEMENTS OF RECEPTACLES, OTHER WIRING DEVICES, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL INTERIOR / EXTERIOR ELEVATIONS AND COORDINATED WITH THE OWNER FOR EXACT LOCATIONS PRIOR TO ROUGH-INS.

C. COVER PLATES SHALL BE BRUSHED STAINLESS STEEL, UON.

D. ALL CONDUITS SHALL BE CONCEALED IN WALL OR ABOVE CEILING. ALL EXPOSED CONDUITS SHALL BE RUN PARALLEL, OR AT RIGHT-ANGLES TO STRUCTURE. ALL CONDUITS BELOW FLOOR SHALL BE 3/4" MINIMUM.

E. PROVIDE APPROPRIATE FITTINGS AND CONNECTIONS (SEAL-OFF, ETC.) IN HAZARDOUS AREAS AND CHEMICAL STORAGE ROOMS, AS APPLICABLE.

F. AT LEAST 50% OF ALL 120V RECEPTACLES IN ALL PRIVATE OFFICES, CONFERENCE ROOMS, PRINTER ROOMS, BREAK ROOMS, AND CLASSROOMS SHALL BE AUTOMATICALLY CONTROLLED. CONTROL SHALL FUNCTION ON A TIMECLOCK, OCCUPANCY SENSOR, OR AN AUTOMATED SIGNAL FROM A CONTROL SYSTEM. SENSORS SHALL TURN RECEPTACLES OFF AFTER 20 MINUTES IN UNOCCUPIED SPACE. AS REQUIRED BY ASHRAE 90.1.IP.2016.

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H. RECEPTACLES INSTALLED IN PUBLIC AREAS SHALL BE TAMPER-RESISTANT TYPE.

I. ROUTE ALL DATA, A/V OR L/V CABLING IN CONDUIT, WITHIN OR ALONG WALLS, UP TO ACCESSIBLE CEILING SPACE. CABLING SHALL TRANSITION TO J-HOOKS ABOVE CEILING, AND ROUTED BACK TO EQUIPMENT ROOM. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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K. ALL TELEPHONE / DATA OUTLET JACKS FACE PLATES AND CABLING TO BE FURNISHED AND INSTALLED BY OTHERS.

L. EACH BRANCH CIRCUIT HOMERUN SHALL CONTAIN NO MORE THAN THREE (3)CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUND CONDUCTOR.

M. PROVIDE PROTECTIVE EQUIPMENT ON SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, AND ALL OTHER ELECTRICAL EQUIPMENT TO PROTECT AGAINST LEAKS, CONDENSATION AND BREAKS FROM DUCTS AND PIPING, IF LOCATED DIRECTLY ABOVE THE ELECTRICAL EQUIPMENT.

N. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON SHEET E6.110 FOR ELECTRICAL REQUIREMENTS TO MECHANICAL EQUIPMENT AND ADDITIONAL INFORMATION.

O. BRANCH CIRCUIT HOMERUNS SHALL BE LIMITED TO 3% VOLTAGE DROP, INCREASE CONDUCTOR AWG SIZE ACCORDINGLY TO LIMIT VOLTAGE DROP TO 3%. BRANCH CIRCUIT HOMERUNS LESS THAN 100'-0" MAY BE # 12 AWG. BRANCH CIRCUIT HOMERUNS GREATER THAN 100'-0" SHALL BE MINIMUM #10 AWG.

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BID DOCUMENTS

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ROBERT J. SMOLINSKI No. 17621
LICENSED PROFESSIONAL ENGINEER
06/05/24

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

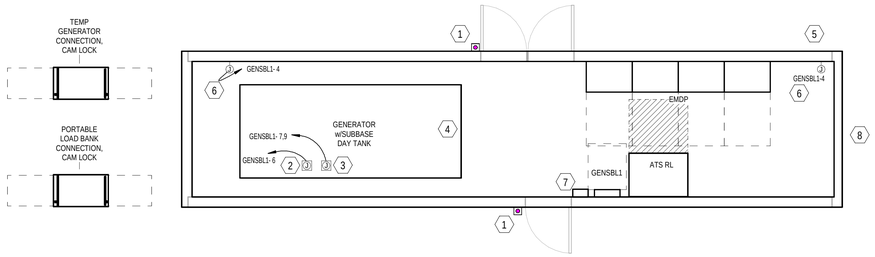
SHEET TITLE:
LEVEL 2 MECH POWER PLAN
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E2.102



1 GENERATOR ENCLOSURE POWER PLAN

Scale: 1/4" = 1'-0"

KEYED NOTES

1. GENERATOR EMERGENCY POWER OFF SWITCH WIRED TO GENERATOR CONTROLLER.
2. PROVIDE J-BOX AND HARDWIRE 120V POWER CONNECTION TO GENERATOR BATTERY CHARGER AND CONNECTION TO BATTERY.
3. PROVIDE J-BOX AND HARDWIRE CONNECTION TO GENERATOR ENGINE BLOCK HEATER.
4. PROVIDE 1" CONDUIT FROM GENERATOR CONTROLLER TO 1ST FLOOR CORRIDOR NEAR FACP FOR REMOTE ANNUNCIATOR, SEE DETAIL 1/E5.102 FOR GENERATOR INTERCONNECTION DIAGRAM.
5. PROVIDE MAIN FUEL TANK OVERFILL ALARM HORN AND FLASHING LIGHT AT EXTERIOR OF BUILDING WITH 2#14 AWG IN 3/4"C TO MONITORING AND FUEL LEVEL CONTROL PANEL.
6. PROVIDE J-BOX AND HARDWIRE 120V POWER CONNECTION TO MOTORIZED LOUVERS. SEE DETAIL 1/E5.102.
7. DAMPER CONTROL PANEL. SEE DETAIL 2/E5.102.
8. PROVIDE COMPLETE WEATHERPROOF, WALK IN LEVEL 3 SOUND ATTENUATING ENCLOSURE WITH SUB BASE FUEL TANK SIZED FOR 72HR RUN TIME. PROVIDE 120/208V, 3PH ELECTRICAL PANEL, LED LIGHT FIXTURES, SWITCHES, GFCI RECEPTACLES, BATTERY BACK UP LIGHTING, 2 SPACE HEATERS, AND ACCESS STAIRS WITH RAILING.

GENERAL NOTES - POWER

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. ALL FINAL LOCATIONS, MOUNTING HEIGHTS, AND ARRANGEMENTS OF RECEPTACLES, OTHER WIRING DEVICES, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL INTERIOR / EXTERIOR ELEVATIONS AND COORDINATED WITH THE OWNER FOR EXACT LOCATIONS PRIOR TO ROUGH-INS.

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H. RECEPTACLES INSTALLED IN PUBLIC AREAS SHALL BE TAMPER-RESISTANT TYPE.

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K. ALL TELEPHONE / DATA OUTLET JACKS FACE PLATES AND CABLING TO BE FURNISHED AND INSTALLED BY OTHERS.

L. EACH BRANCH CIRCUIT HOMERUN SHALL CONTAIN NO MORE THAN THREE (3)CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUND CONDUCTOR.

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KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
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DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

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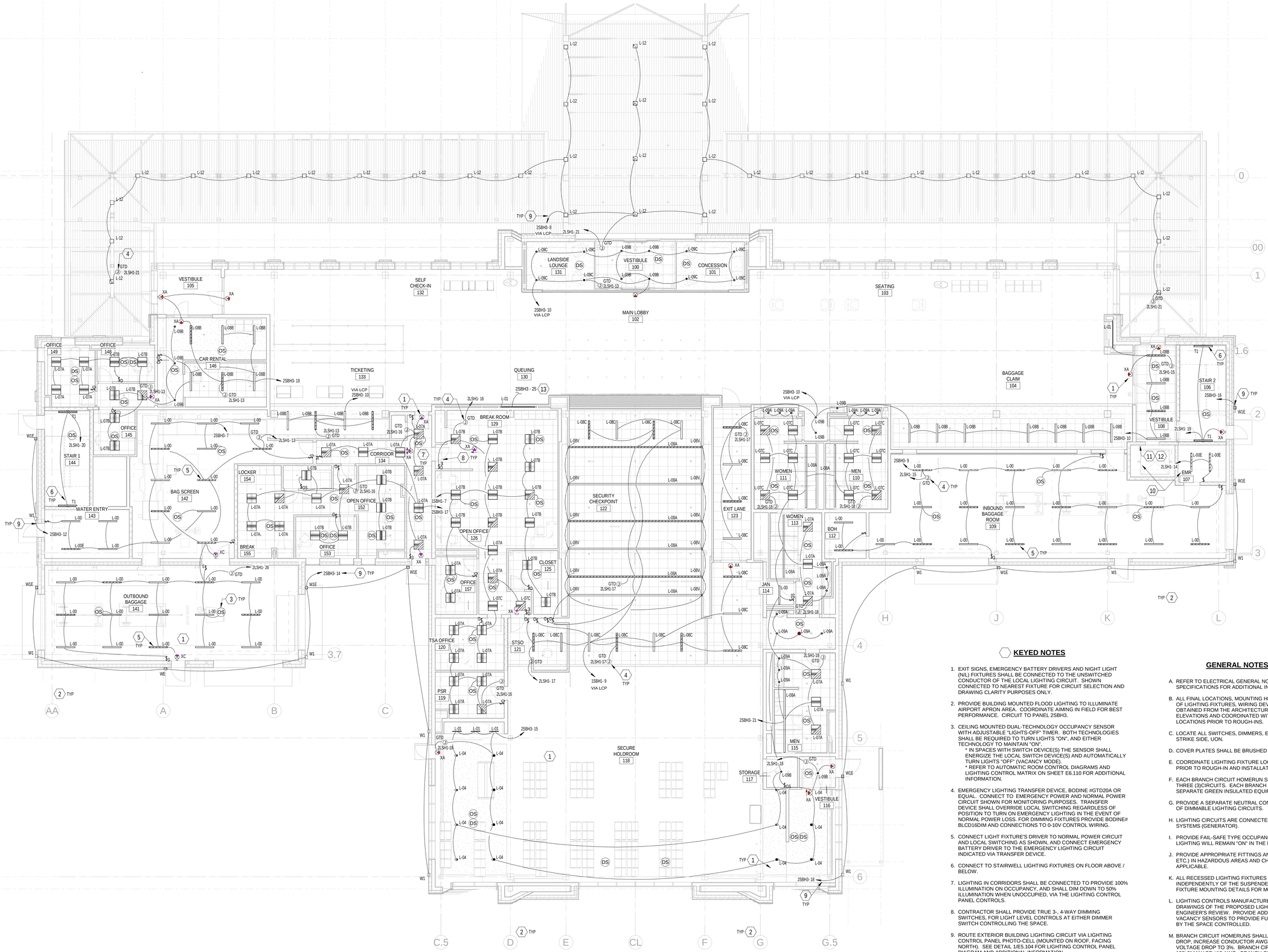
E2.103



1 LEVEL 1 LIGHTING PLAN

Scale: 1/8" = 1'-0"

KEYED NOTES

1. EXIT SIGNS, EMERGENCY BATTERY DRIVERS AND NIGHT LIGHT (NIL) FIXTURES SHALL BE CONNECTED TO THE UNSWITCHED CONDUCTOR OF THE LOCAL LIGHTING CIRCUIT. SHOWN CONNECTED TO NEAREST FIXTURE FOR CIRCUIT SELECTION AND DRAWING CLARITY PURPOSES ONLY.
2. PROVIDE BUILDING MOUNTED FLOOD LIGHTING TO ILLUMINATE AIRPORT APRON AREA. COORDINATE AIMING IN FIELD FOR BEST PERFORMANCE. CIRCUIT TO PANEL 2SBH3.
3. CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR WITH ADJUSTABLE "LIGHTS-OFF" TIMER. BOTH TECHNOLOGIES SHALL BE REQUIRED TO TURN LIGHTS "ON", AND EITHER TECHNOLOGY TO MAINTAIN "ON".
   * IN SPACES WITH SWITCH DEVICE(S) THE SENSOR SHALL ENERGIZE THE LOCAL SWITCH DEVICE(S) AND AUTOMATICALLY TURN LIGHTS "OFF" (VACANCY MODE).
   * REFER TO AUTOMATIC ROOM CONTROL DIAGRAMS AND LIGHTING CONTROL MATRIX ON SHEET E6.110 FOR ADDITIONAL INFORMATION.
4. EMERGENCY LIGHTING TRANSFER DEVICE, BODINE #GTD20A OR EQUAL. CONNECT TO EMERGENCY POWER AND NORMAL POWER CIRCUIT SHOWN FOR MONITORING PURPOSES. TRANSFER DEVICE SHALL OVERRIDE LOCAL SWITCHING REGARDLESS OF POSITION TO TURN ON EMERGENCY LIGHTING IN THE EVENT OF NORMAL POWER LOSS. FOR DIMMING FIXTURES PROVIDE BODINE# BLCD16DIM AND CONNECTIONS TO 0-10V CONTROL WIRING.
5. CONNECT LIGHT FIXTURE'S DRIVER TO NORMAL POWER CIRCUIT AND LOCAL SWITCHING AS SHOWN, AND CONNECT EMERGENCY BATTERY DRIVER TO THE EMERGENCY LIGHTING CIRCUIT INDICATED VIA TRANSFER DEVICE.
6. CONNECT TO STAIRWELL LIGHTING FIXTURES ON FLOOR ABOVE / BELOW.
7. LIGHTING IN CORRIDORS SHALL BE CONNECTED TO PROVIDE 100% ILLUMINATION ON OCCUPANCY, AND SHALL DIM DOWN TO 50% ILLUMINATION WHEN UNOCCUPIED, VIA THE LIGHTING CONTROL PANEL CONTROLS.
8. CONTRACTOR SHALL PROVIDE TRUE 3-, 4-WAY DIMMING SWITCHES, FOR LIGHT LEVEL CONTROLS AT EITHER DIMMER SWITCH CONTROLLING THE SPACE.
9. ROUTE EXTERIOR BUILDING LIGHTING CIRCUIT VIA LIGHTING CONTROL PANEL PHOTO-CELL (MOUNTED ON ROOF, FACING NORTH). SEE DETAIL 1/E5.104 FOR LIGHTING CONTROL PANEL DIAGRAM AND ADDITIONAL INFORMATION.
10. LIGHTING/RECEPTACLE POWER CIRCUITS IN THE ELEVATOR MACHINE ROOM OR PIT / SHAFT SHALL NOT SERVE ANY OTHER DEVICE OR FIXTURE OUTSIDE OF THE ELEVATOR MACHINE ROOM OR PIT/SHAFT, AS REQUIRED BY NEC.
11. MOUNT PIT LIGHT FIXTURES 24" BELOW FIRST FLOOR SLAB.
12. MOUNT LIGHT SWITCH IN ELEVATOR PIT / SHAFT, ADJACENT TO PIT LADDER, 48" ABOVE THE BOTTOM/TOP ELEVATOR LANDING.
13. CONNECT TO LIGHTING FIXTURE ON FLOOR ABOVE, USE SIMILAR LIGHTING CONTROLS.

GENERAL NOTES - LIGHTING

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. ALL FINAL LOCATIONS, MOUNTING HEIGHTS, AND ARRANGEMENTS OF LIGHTING FIXTURES, WIRING DEVICES, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL INTERIOR / EXTERIOR ELEVATIONS AND COORDINATED WITH THE OWNER FOR EXACT LOCATIONS PRIOR TO ROUGH-INS.

C. LOCATE ALL SWITCHES, DIMMERS, ETC. 6" FROM DOOR FRAME, ON STRIKE SIDE, UON.

D. COVER PLATES SHALL BE BRUSHED STAINLESS STEEL, UON.

E. COORDINATE LIGHTING FIXTURE LOCATIONS WITH OTHER TRADES PRIOR TO ROUGH-IN AND INSTALLATION.

F. EACH BRANCH CIRCUIT HOMERUN SHALL CONTAIN NO MORE THAN THREE (3)CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUND CONDUCTOR.

G. PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH PHASE OF DIMMABLE LIGHTING CIRCUITS.

H. LIGHTING CIRCUITS ARE CONNECTED TO EMERGENCY LIGHTING SYSTEMS (GENERATOR).

I. PROVIDE FAIL-SAFE TYPE OCCUPANCY SENSORS WHERE LIGHTING WILL REMAIN "ON" IN THE EVENT OF SENSOR FAILURE.

J. PROVIDE APPROPRIATE FITTINGS AND CONNECTIONS (SEAL-OFF, ETC.) IN HAZARDOUS AREAS AND CHEMICAL STORAGE ROOMS, AS APPLICABLE.

K. ALL RECESSED LIGHTING FIXTURES SHALL BE SUPPORTED INDEPENDENTLY OF THE SUSPENDED CEILING GRID. REFER TO FIXTURE MOUNTING DETAILS FOR MORE INFORMATION.

L. LIGHTING CONTROLS MANUFACTURER SHALL PREPARE SHOP DRAWINGS OF THE PROPOSED LIGHTING CONTROLS FOR THE ENGINEER'S REVIEW. PROVIDE ADDITIONAL OCCUPANCY / VACANCY SENSORS TO PROVIDE FULL COVERAGE AS REQUIRED BY THE SPACE CONTROLLED.

M. BRANCH CIRCUIT HOMERUNS SHALL BE LIMITED TO 3% VOLTAGE DROP, INCREASE CONDUCTOR AWG SIZE ACCORDINGLY TO LIMIT VOLTAGE DROP TO 3%. BRANCH CIRCUIT HOMERUNS LESS THAN 100'-0" MAY BE #12 AWG. BRANCH CIRCUIT HOMERUNS GREATER THAN 100'-0" SHALL BE MINIMUM #10 AWG.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
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PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621 LICENSED PROFESSIONAL ENGINEER
06/05/24

KEY PLAN:

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REV. NO.	DATE	DESCRIPTION	BY

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PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

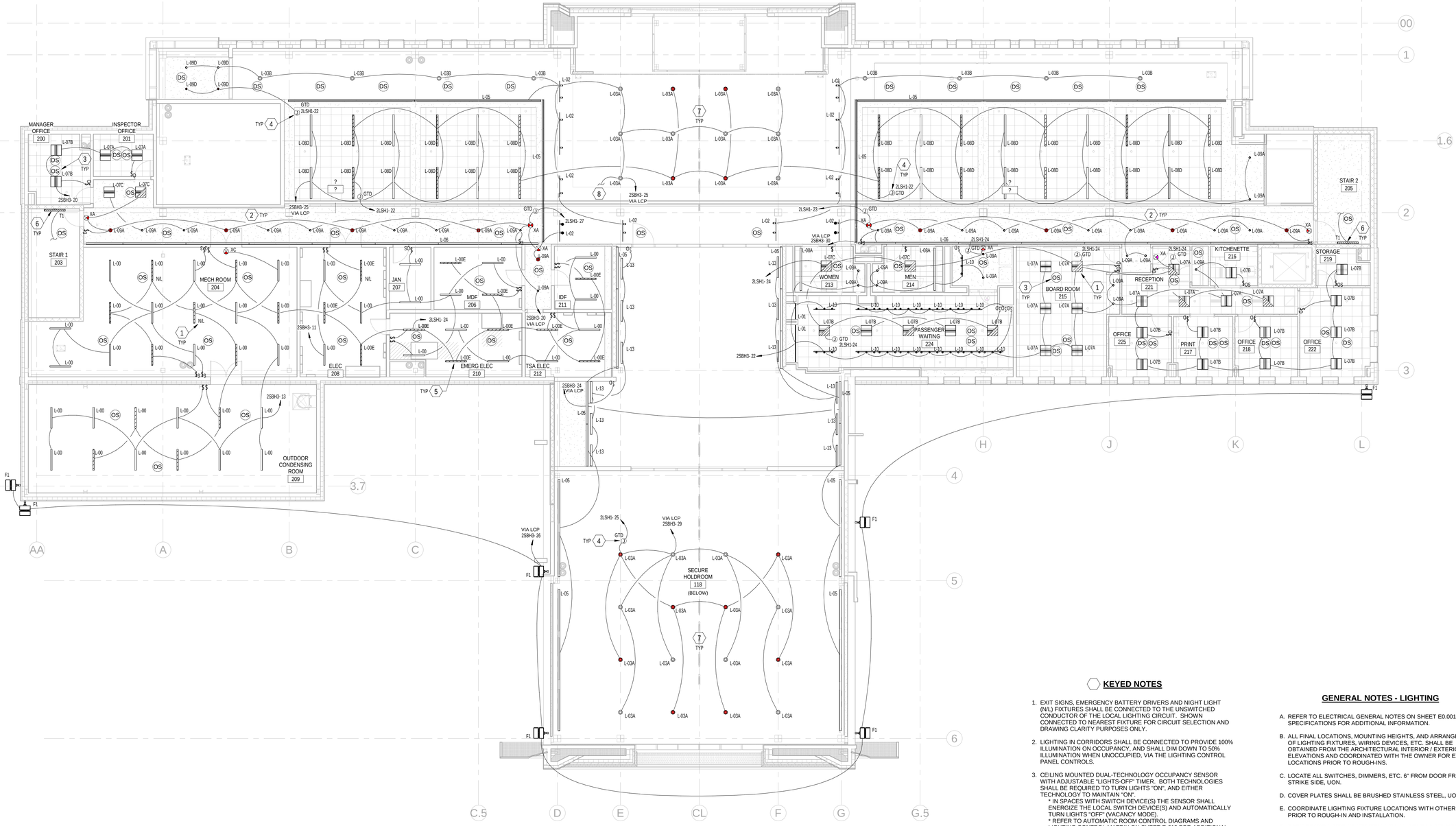
SHEET TITLE:
LEVEL 1 LIGHTING PLAN
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E3.101



1 LEVEL 2 LIGHTING PLAN

Scale: 1/8" = 1'-0"

KEYED NOTES

1. EXIT SIGNS, EMERGENCY BATTERY DRIVERS AND NIGHT LIGHT (NIL) FIXTURES SHALL BE CONNECTED TO THE UNSWITCHED CONDUCTOR OF THE LOCAL LIGHTING CIRCUIT. SHOWN CONNECTED TO NEAREST FIXTURE FOR CIRCUIT SELECTION AND DRAWING CLARITY PURPOSES ONLY.
2. LIGHTING IN CORRIDORS SHALL BE CONNECTED TO PROVIDE 100% ILLUMINATION ON OCCUPANCY, AND SHALL DIM DOWN TO 50% ILLUMINATION WHEN UNOCCUPIED, VIA THE LIGHTING CONTROL PANEL CONTROLS.
3. CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR WITH ADJUSTABLE "LIGHTS-OFF" TIMER. BOTH TECHNOLOGIES SHALL BE REQUIRED TO TURN LIGHTS "ON", AND EITHER TECHNOLOGY TO MAINTAIN "ON".
   * IN SPACES WITH SWITCH DEVICE(S) THE SENSOR SHALL ENERGIZE THE LOCAL SWITCH DEVICE(S) AND AUTOMATICALLY TURN LIGHTS "OFF" (VACANCY MODE).
   * REFER TO AUTOMATIC ROOM CONTROL DIAGRAMS AND LIGHTING CONTROL MATRIX ON SHEET E-610 FOR ADDITIONAL INFORMATION.
4. EMERGENCY LIGHTING TRANSFER DEVICE, BODINE #GTD20A OR EQUAL. CONNECT TO EMERGENCY POWER AND NORMAL POWER CIRCUIT SHOWN FOR MONITORING PURPOSES. TRANSFER DEVICE SHALL OVERRIDE LOCAL SWITCHING REGARDLESS OF POSITION TO TURN ON EMERGENCY LIGHTING IN THE EVENT OF NORMAL POWER LOSS. FOR DIMMING FIXTURES PROVIDE BODINE# BLCD16DIM AND CONNECTOINS TO 0-10V CONTROL WIRING.
5. CONNECT LIGHT FIXTURE'S DRIVER TO NORMAL POWER CIRCUIT AND LOCAL SWITCHING AS SHOWN, AND CONNECT EMERGENCY BATTERY DRIVER TO THE EMERGENCY LIGHTING CIRCUIT INDICATED VIA TRANSFER DEVICE.
6. CONNECT TO STAIRWELL LIGHTING FIXTURES ON FLOOR ABOVE / BELOW.
7. CONDUIT RUN ON EXPOSED WOOD BEAM, TO BE FACTORY COATED / PAINTED BLACK. ROUTE CONDUIT ALONG THE MOST INCONSPICUOUS SIDE OF THE BEAM. REFER TO ARCHITECTURAL / STRUCTURAL PLANS AND ELEVATIONS FOR MORE INFORMATION.
8. CONNECT TO LIGHTING FIXTURE ON FLOOR BELOW, USE SIMILAR LIGHTING CONTROLS.

GENERAL NOTES - LIGHTING

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. ALL FINAL LOCATIONS, MOUNTING HEIGHTS, AND ARRANGEMENTS OF LIGHTING FIXTURES, WIRING DEVICES, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL INTERIOR / EXTERIOR ELEVATIONS AND COORDINATED WITH THE OWNER FOR EXACT LOCATIONS PRIOR TO ROUGH-INS.

C. LOCATE ALL SWITCHES, DIMMERS, ETC. 6" FROM DOOR FRAME, ON STRIKE SIDE, UON.

D. COVER PLATES SHALL BE BRUSHED STAINLESS STEEL, UON.

E. COORDINATE LIGHTING FIXTURE LOCATIONS WITH OTHER TRADES PRIOR TO ROUGH-IN AND INSTALLATION.

F. EACH BRANCH CIRCUIT HOMERUN SHALL CONTAIN NO MORE THAN THREE (3)CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUND CONDUCTOR.

G. PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH PHASE OF DIMMABLE LIGHTING CIRCUITS.

H. LIGHTING CIRCUITS ARE CONNECTED TO EMERGENCY LIGHTING SYSTEMS (GENERATOR).

I. PROVIDE FAIL-SAFE TYPE OCCUPANCY SENSORS WHERE LIGHTING WILL REMAIN "ON" IN THE EVENT OF SENSOR FAILURE.

J. PROVIDE APPROPRIATE FITTINGS AND CONNECTIONS (SEAL-OFF, ETC.) IN HAZARDOUS AREAS AND CHEMICAL STORAGE ROOMS, AS APPLICABLE.

K. ALL RECESSED LIGHTING FIXTURES SHALL BE SUPPORTED INDEPENDENTLY OF THE SUSPENDED CEILING GRID. REFER TO FIXTURE MOUNTING DETAILS FOR MORE INFORMATION.

L. LIGHTING CONTROLS MANUFACTURER SHALL PREPARE SHOP DRAWINGS OF THE PROPOSED LIGHTING CONTROLS FOR THE ENGINEER'S REVIEW. PROVIDE ADDITIONAL OCCUPANCY / VACANCY SENSORS TO PROVIDE FULL COVERAGE AS REQUIRED BY THE SPACE CONTROLLED.

M. BRANCH CIRCUIT HOMERUNS SHALL BE LIMITED TO 3% VOLTAGE DROP, INCREASE CONDUCTOR AWG SIZE ACCORDINGLY TO LIMIT VOLTAGE DROP TO 3%. BRANCH CIRCUIT HOMERUNS LESS THAN 100'-0" MAY BE #12 AWG. BRANCH CIRCUIT HOMERUNS GREATER THAN 100'-0" SHALL BE MINIMUM #10 AWG.

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REGISTRATION STAMP:
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06/05/24

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PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 LIGHTING PLAN
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

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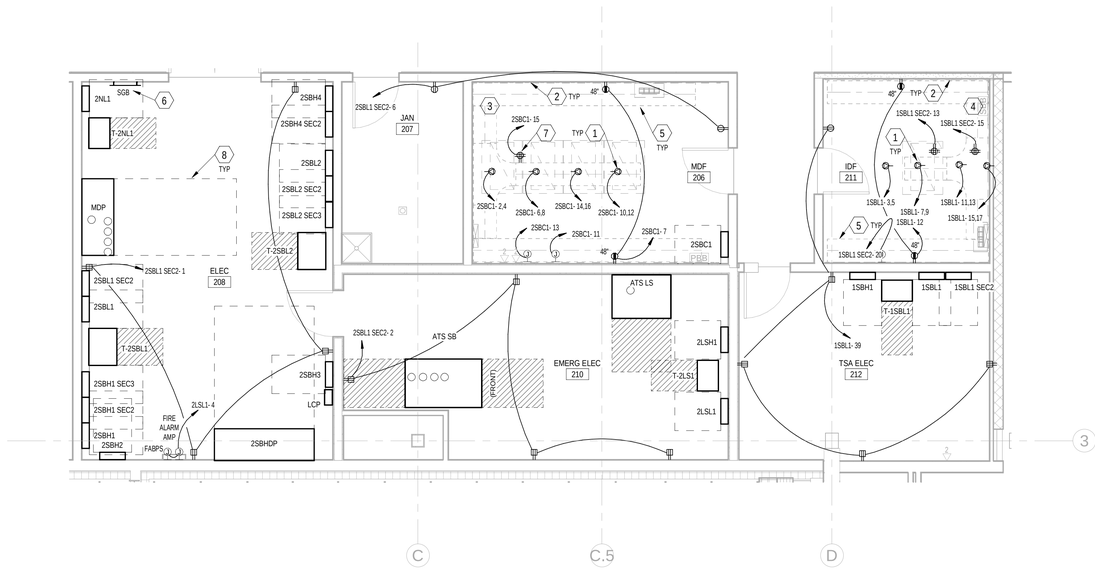

1 E1.102 ENLARGED ELECTRICAL ROOM PLAN

Scale: 1/4" = 1'-0"

KEYED NOTES

1. FURNISH AND INSTALL 30A, 208/120V, 1PH, 3W LOCKING RECEPTACLE (L5-30R) FOR POWER CONNECTION TO DATA RACK-MOUNTED UPS (FURNISHED BY OTHERS). LOCATE ABOVE DATA RACK IN CEILING SPACE. PROVIDE MOUNTING HARDWARE FROM STRUCTURE ABOVE AS REQUIRED. COORDINATE EXACT RECEPTACLE CONFIGURATION AND LOCATION WITH THE EQUIPMENT PROVIDED AND OWNER'S TECHNOLOGY PERSONNEL, PRIOR TO ROUGH-IN AND INSTALLATION, AND PROVIDE ACCORDINGLY.
2. TELECOM BACKBOARDS, TYP. 3 WALLS. SEE TELECOMMUNICATION SYSTEM PLANS FOR LOCATION AND ADDITIONAL INFORMATION. SHOWN FOR REFERENCE ONLY.
3. TELECOMMUNICATIONS PRIMARY BONDING BUSBAR (PBB). SEE TELECOMMUNICATION SYSTEM PLANS FOR LOCATION AND ADDITIONAL INFORMATION. SHOWN FOR REFERENCE ONLY.
4. TELECOMMUNICATIONS SECONDARY BONDING BUSBAR (SBB). SEE TELECOMMUNICATION SYSTEM PLANS FOR LOCATION AND ADDITIONAL INFORMATION. SHOWN FOR REFERENCE ONLY.
5. TELECOMMUNICATIONS CABLE TRAY. SEE TELECOMMUNICATION SYSTEM PLANS FOR LOCATION AND ADDITIONAL INFORMATION. SHOWN FOR REFERENCE ONLY.
6. ELECTRICAL SYSTEM SECONDARY GROUND BAR. SEE SHEET E7.101 FOR ADDITIONAL INFORMATION.
7. PROVIDE DEDICATED QUAD RECEPTACLE FOR PAGING SYSTEM. COORDINATE LOCATION WITH AV INTEGRATOR.
8. DASHED LINES DENOTE WORKING CLEARANCES. WORKING SPACE TO COMPLY WITH NEC 110.26.

GENERAL NOTES - POWER

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. ALL FINAL LOCATIONS, MOUNTING HEIGHTS, AND ARRANGEMENTS OF RECEPTACLES, OTHER WIRING DEVICES, ETC. SHALL BE OBTAINED FROM THE ARCHITECTURAL INTERIOR / EXTERIOR ELEVATIONS AND COORDINATED WITH THE OWNER FOR EXACT LOCATIONS PRIOR TO ROUGH-INS.

C. COVER PLATES SHALL BE BRUSHED STAINLESS STEEL, UON.

D. ALL CONDUITS SHALL BE CONCEALED IN WALL OR ABOVE CEILING. ALL EXPOSED CONDUITS SHALL BE RUN PARALLEL, OR AT RIGHT-ANGLES TO STRUCTURE. ALL CONDUITS BELOW FLOOR SHALL BE 3/4" MINIMUM.

E. PROVIDE APPROPRIATE FITTINGS AND CONNECTIONS (SEAL-OFF, ETC.) IN HAZARDOUS AREAS AND CHEMICAL STORAGE ROOMS, AS APPLICABLE.

F. AT LEAST 50% OF ALL 120V RECEPTACLES IN ALL PRIVATE OFFICES, CONFERENCE ROOMS, PRINTER ROOMS, BREAK ROOMS, AND CLASSROOMS SHALL BE AUTOMATICALLY CONTROLLED. CONTROL SHALL FUNCTION ON A TIMECLOCK, OCCUPANCY SENSOR, OR AN AUTOMATED SIGNAL FROM A CONTROL SYSTEM. SENSORS SHALL TURN RECEPTACLES OFF AFTER 20 MINUTES IN UNOCCUPIED SPACE. AS REQUIRED BY ASHRAE 90.1.IP 2016.

G. RECEPTACLES MOUNTED IN BATHROOMS, KITCHENS, ROOFTOP, AND AT EXTERIOR LOCATIONS SHALL BE GFCI TYPE. RECEPTACLES WITHIN SIX (6) FEET OF A SINK OR BASIN, AND SERVING VENDING MACHINES SHALL BE GFCI TYPE. EXTERIOR RECEPTACLES SHALL BE WEATHER-PROOF TYPE WITH 'IN-USE' COVER PLATES. REFER TO NEC 210.8(B) FOR ADDITIONAL LOCATIONS WHERE GFCI TYPE RECEPTACLES ARE REQUIRED.

H. RECEPTACLES INSTALLED IN PUBLIC AREAS SHALL BE TAMPER-RESISTANT TYPE.

I. ROUTE ALL DATA, A/V OR L/V CABLING IN CONDUIT, WITHIN OR ALONG WALLS, UP TO ACCESSIBLE CEILING SPACE. CABLING SHALL TRANSITION TO J-HOOKS ABOVE CEILING, AND ROUTED BACK TO EQUIPMENT ROOM. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

J. ALL L/V CABLING LOCATED ABOVE CEILING, NOT RUN IN CONDUIT, SHALL BE TEFLON COATED AND PLENUM RATED. COORDINATE WITH OWNER FOR EXACT REQUIREMENTS.

K. ALL TELEPHONE / DATA OUTLET JACKS FACE PLATES AND CABLING TO BE FURNISHED AND INSTALLED BY OTHERS.

L. EACH BRANCH CIRCUIT HOMERUN SHALL CONTAIN NO MORE THAN THREE (3)CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUND CONDUCTOR.

M. PROVIDE PROTECTIVE EQUIPMENT ON SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, AND ALL OTHER ELECTRICAL EQUIPMENT TO PROTECT AGAINST LEAKS, CONDENSATION AND BREAKS FROM DUCTS AND PIPING, IF LOCATED DIRECTLY ABOVE THE ELECTRICAL EQUIPMENT.

N. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON SHEET E6.110 FOR ELECTRICAL REQUIREMENTS TO MECHANICAL EQUIPMENT AND ADDITIONAL INFORMATION.

O. BRANCH CIRCUIT HOMERUNS SHALL BE LIMITED TO 3% VOLTAGE DROP, INCREASE CONDUCTOR AWG SIZE ACCORDINGLY TO LIMIT VOLTAGE DROP TO 3%. BRANCH CIRCUIT HOMERUNS LESS THAN 100'-0" MAY BE # 12 AWG. BRANCH CIRCUIT HOMERUNS GREATER THAN 100'-0" SHALL BE MINIMUM #10 AWG.

PRESQUE ISLE INTERNATIONAL AIRPORT
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PRESQUE ISLE INTERNATIONAL AIRPORT
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PROJECT SUBMISSION STATUS:
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ROBERT J. SMOLINSKI No. 17621 LICENSED PROFESSIONAL ENGINEER
06/05/24

KEY PLAN:

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60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED ELECTRICAL POWER PLAN

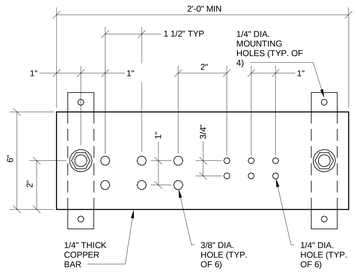
BID DOCUMENTS

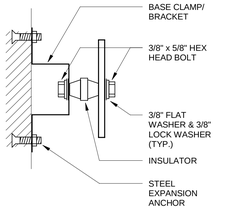
DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E4.101





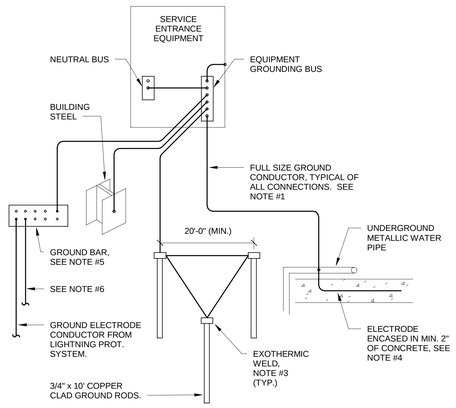
SECTION

NOTES:

1. ALL HARDWARE SHALL BE STAINLESS STEEL.
2. PROVIDE 1 MOUNTING POINT PER 12" OF BAR LENGTH.
3. HOLES MAY BE ADDED IF REQUIRED.
4. PROVIDE 2" DIA. x 2" L (MIN) ELECTRICAL ISOLATION STAND-OFF INSULATORS WITH SUITABLE MOUNTING HARDWARE BETWEEN GROUND BUS BAR AND TOP OF INSULATOR, AS WELL AS BETWEEN INSULATOR AND WALL.
5. GROUND BUS BAR SHALL ACCOMMODATE A MINIMUM OF 12 CU / AL LUGS FOR CONDUCTORS UP TO #4/0, WITH 20% SPARE LUG TERMINATION COUNT CAPACITY.
6. ALL CONNECTIONS AT THE BUS BAR SHALL BE BY AN IRREVERSIBLE MEANS SUCH AS (CADWELD) FOR COMPLIANCE WITH NEC.

1 E5.101 GROUNDING BAR (MULTI-HOLE)

None

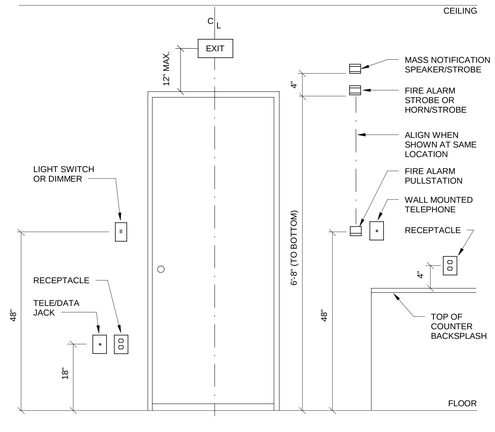


NOTES:

1. FULL SIZE GROUND MEANS THAT GROUND CONDUCTOR SIZE SHALL BE AS SHOWN ON SERVICE EQUIPMENT PER THE POWER RISER DIAGRAM.
2. AFTER GROUNDING SYSTEM IS INSTALLED, GROUND RESISTANCE SHALL BE MEASURED TO ASSURE THAT GROUND VALUE OF 5 OHMS MAXIMUM RESISTANCE IS ACHIEVED. IF NOT, ADDITIONAL GROUNDING SHALL BE PROVIDED TO MEET THE SPECIFIED VALUE.
3. ALL CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC WELD CONNECTIONS.
4. GROUND CONDUCTOR SHALL BE LOCATED WITHIN OR NEAR BOTTOM OF CONCRETE FOUNDATION OR FOOTING THAT IS IN DIRECT CONTACT WITH THE EARTH AND SHALL CONSIST OF AT LEAST 20'-0" OF 1 OR MORE STEEL REINFORCING BARS OR RODS OF NOT LESS THAN 1/2 INCH DIAMETER OR AT LEAST 20'-0" OF BARE COPPER CONDUCTOR.
5. SOLID CU. GROUND BUS BAR, SEE POWER RISER DIAGRAM FOR SPECIFICATIONS. GROUND BUS BAR SHALL BE FURNISHED, INSTALLED, AND WIRED BY THE ELECTRICAL CONTRACTOR.
6. GROUND CONDUCTOR IN CONDUIT WITH LONG SWEEP ELBOWS TO GROUND BUS BAR SHOWN IN ELECTRICAL AND TELECOM ROOMS, AS APPLICABLE.

2 E5.101 SERVICE ENTRANCE EQUIPMENT GROUNDING

None

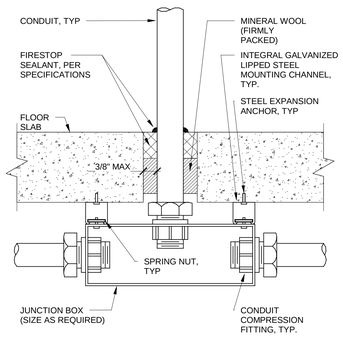


NOTES:

1. ALL DIMENSIONS ARE TO CENTERLINE OF DEVICE, UNLESS OTHERWISE NOTED.
2. DEVICES SHOWN IN THIS DETAIL ARE FOR MOUNTING HEIGHT REFERENCE ONLY AND NOT FOR LOCATIONS. REFER TO DRAWINGS FOR ACTUAL LOCATIONS, FOR EXAMPLE, ADJACENT DEVICES SHALL BE NO MORE THAN 2" APART.
3. WHERE EXIT SIGN IS MOUNTED ABOVE A DOUBLE DOOR, CENTER EXIT SIGN BETWEEN DOORS.

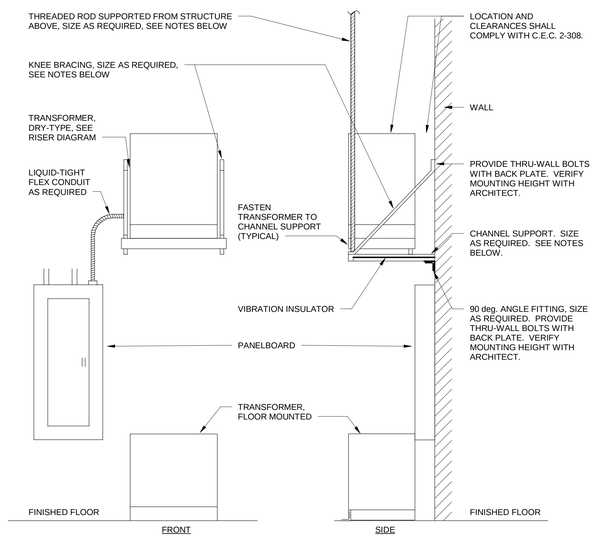
3 E5.101 TYPICAL DEVICE MOUNTING HEIGHT

None



4 E5.101 FLOOR SLAB PENETRATION

NONE

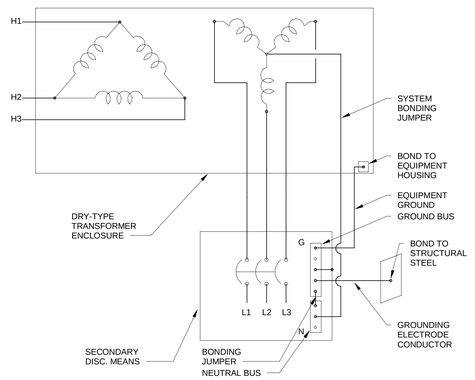


NOTES:

1. CONTRACTOR SHALL VERIFY SUPPORT METHOD WITH GENERAL CONTRACTOR AND ARCHITECT ON SITE PRIOR TO INSTALLATION.
2. ALL BRACING AND SUPPORT SHALL BE DESIGNED TO SUPPORT TWICE THE TRANSFORMER WEIGHT SHOWN IN NOTE #1 ABOVE OR ACTUAL EQUIPMENT WEIGHT PROVIDED, WHICEVER IS MORE STRINGENT.

6 E5.101 PANELBOARD/TRANSFORMER SURFACE MOUNTING

None



5 E5.101 DRY-TYPE TRANSFORMER GROUNDING

NONE

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60693900
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SHEET TITLE:
ELECTRICAL DETAILS
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
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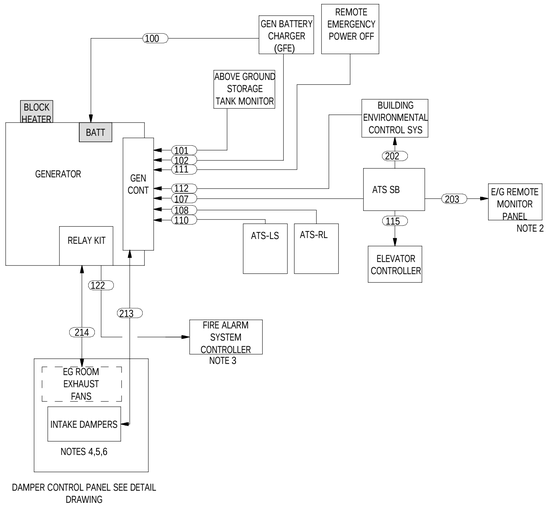
E5.101



NOTES:

1. THE DETAILS ON THIS SHEET ARE FOR BID PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTROLS CONTRACTOR TO SUBMIT FOR APPROVAL THE SITE SPECIFIC CONTROLS WIRING DIAGRAM.
2. E/G REMOTE MONITOR PANEL.
3. PROVIDE WIRING FOR THE EG ALARM SIGNALS TO THE FIRE ALARM CONTROLLER PER FIRE ALARM SEQUENCE OF OPERATION.
4. DAMPER SHALL BE CONFIGURED TO AUTOMATICALLY OPEN WHEN LOUVER POWER LOSS OCCURS.
5. REQUIRES AUX CONTACTS.
6. MOUNT ENCLOSURE CONTAINING 24VDC RELAY NEAR TO LOUVERS.

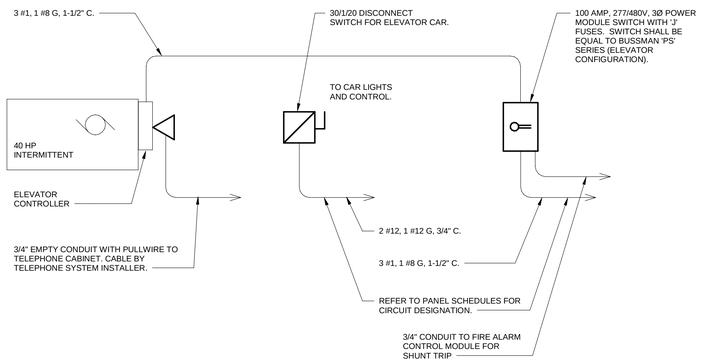
GENERAL NOTES:

1. INSTALLATION OF ALL CONTROL WIRING BETWEEN VARIOUS COMPONENTS OF THE GENERATOR POWER SYSTEM, GENERATOR CONTROL PANEL, DAY TANK CONTROL PANEL, ATS'S, DAMPER CONTROL PANEL, BATTERY CHARGER, VEEDER ROOT FUEL MONITORING SYSTEM ARE IN THE SCOPE OF THIS CONTRACT.
2. CONTRACTOR SHALL OBTAIN LATEST VERSION OF MANUFACTURER'S WIRING DIAGRAM. COORDINATE WITH MANUFACTURER'S FIELD SERVICE REPRESENTATIVE PRIOR TO INSTALLATION OF CONTROL WIRING.

DESCRIPTION	FEEDER #	FROM	TO	CONDUCTORS			# OF	CONDUIT	NOTES
				#	SIZE	GND	RUNS	SIZE	
BATTERY CHARGER LEADS	100	EG BATTERY	EG BATTERY CHARGER	2	10	12	1	1"	
LOW FUEL AND RUPTURE ALARMS	101	EG	STORAGE TANK	2	14	-	1	1"	
BATTERY CHARGER FAULT ALARM	102	EG BATTERY CHARGER	EG ECM	2	14	-	1	1"	
EG REMOTE START SIGNAL	107	EG	ATS-SB	4	14	-	1	1"	RS-485
EG REMOTE START SIGNAL	108	EG	ATS-RL	2	14	-	1	1"	
EG REMOTE START SIGNAL	110	EG	ATS-LS	2	14	-	1	1"	
EPO SIGNAL	111	EG	REMOTE EPO	2	14	-	1	1"	
EG SIGNAL RUNNING	112	EG	BUILDING ENVIRONMENTAL CONTROL SYS	2	14	-	1	1"	
ATS PRE-TRANSFER SIGNAL/STATUS	115	ATS-SB	ELEVATOR CONTROLLER	4	14	-	1	1"	
EG RUN AND ALARM/TROUBLE SIGNALS (FIRE ALARM SYSTEM REMOTE MONITORING)	122	EG	FIRE ALARM PANEL	8	14	-	1	1"	
ATS ON EMERGENCY	202	ATS	BUILDING ENVIRONMENTAL CONTROL SYS	2	14	-	1	1"	
E/G REMOTE MONITOR	203	ATS	E/G REMOTE MONITOR	4	14	-	1	1"	RS-485
OPEN DAMPER CTRL SIGNAL AND MONITORING	213	EG	INTAKE DAMPER CONTROL	2	14	-	1	1"	
START EG FAN CONTROL SIGNAL AND MONITORING	214	EG	EXHAUST FAN	2	14	-	1	1"	

1 E/G,ATS INTERCONNECTION DIAGRAM

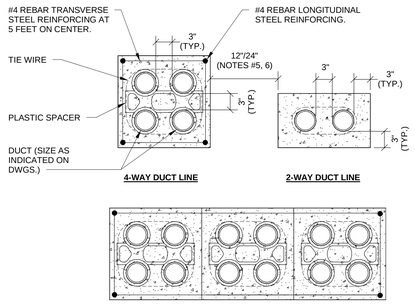
Scale: 12" = 1'-0"



1. VERIFY EXACT RATING AND LOCATION OF ELEVATOR MOTOR AND CONTROLLER.
2. ELEVATOR MOTOR RATING AND SWITCH (POWER MODULE) SHALL INCLUDE THE FOLLOWING:
   a. CONTROL TRANSFORMER - VERIFY VOLTAGE
   b. FIRE SAFETY INTERFACE RELAY
   c. INTERLOCK CONTACTS FOR BATTERY LOWERING DEVICE - TRACTION ELEVATOR
   d. SHUNT-TRIP VOLTAGE MONITORING RELAY
   e. KEY TO TEST SWITCH.
   f. GREEN 'ON' PILOT LIGHT
3. EQUIPMENT FUSE RATING IS BASED ON MOTOR HP RATING INDICATED, OPERATING ON SOLID-STATE SOFT STARTER.
4. DO NOT USE THIS DETAIL FOR ELEVATORS HAVING ACROSS-THE-LINE STARTERS OR SIMILAR.

4 ELEVATOR MOTOR WIRING

Scale: None

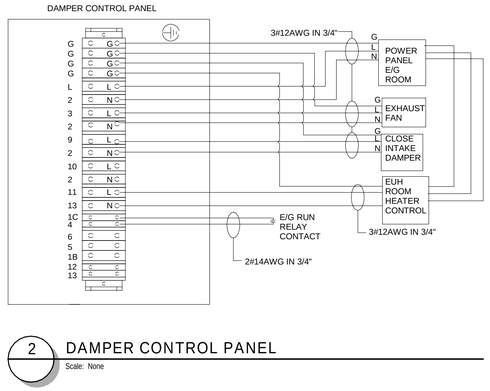


DUCT BANK NOTES:

1. CONCRETE SHALL BE 2000 P.S.I. @ 28 DAYS, OR AS SPECIFIED.
2. PROVIDE REINFORCING RODS ON TOP AND BOTTOM OF DUCTS WHEN CROSSING OR PLACED IN ROADWAYS.
3. MINIMUM COVER TO TOP OF ENVELOPE SHALL BE 24".
4. NON-FERROUS TIE WIRES TO BE IMBEDDED IN DUCT BED CONCRETE.
5. PROVIDE MINIMUM 12" SPACE BETWEEN POWER AND TELECOM DUCT BANKS. INCREASE SIZE AS REQUIRED.
6. PROVIDE MINIMUM 24" SPACE BETWEEN POWER AND TELECOM DUCT BANKS IF PROVIDING COMBINATION POWER/TELECOM DUCT BANKS.
7. INNERDUCT QUANTITY AND SIZE AS INDICATED ON PLANS.
8. DETAILS ARE APPLICABLE TO ALL ELECTRICAL AND TELECOM DUCT BANKS.
9. REFER TO DUCT BANK DETAILS FOR SPECIFIC CONDUIT REQUIREMENTS.
10. MAXIMUM BURIAL DEPTH TO TOP OF DUCT BANK TO BE 30".

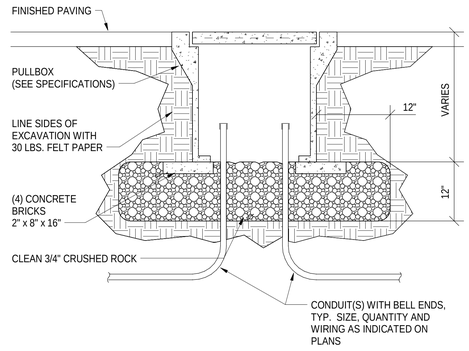
5 DUCT BANK

Scale: None



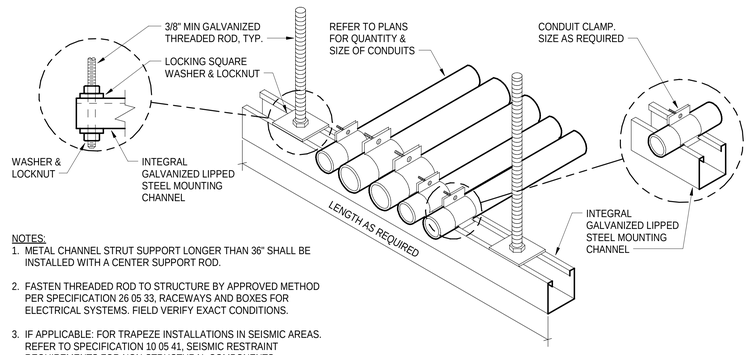
2 DAMPER CONTROL PANEL

Scale: None



3 UNDERGROUND CONCRETE PULLBOX - PAVED AREAS

Scale: None



NOTES:

1. METAL CHANNEL STRUT SUPPORT LONGER THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
2. FASTEN THREADED ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 26 05 33, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.
3. IF APPLICABLE: FOR TRAPEZE INSTALLATIONS IN SEISMIC AREAS. REFER TO SPECIFICATION 10 05 41, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

6 CONDUIT TRAPEZE MOUNTING

Scale: None

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI
No. 17621
LICENSED PROFESSIONAL ENGINEER
06/05/24

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ELECTRICAL DETAILS
BID DOCUMENTS

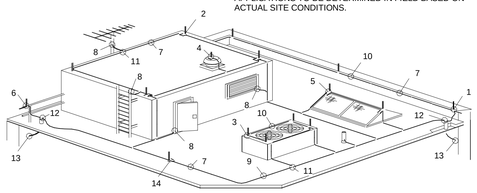
DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

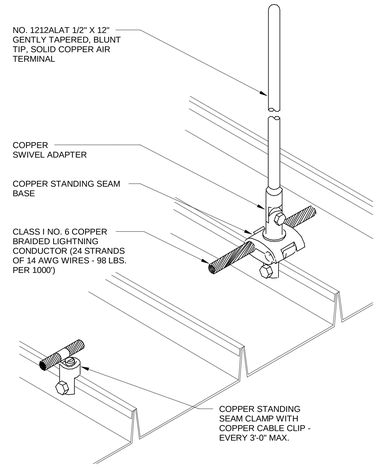
SHEET NUMBER:
E5.102

BONDING DETAILS AND AIR TERMINAL LOCATIONS SHOWN ARE TYPICAL, GENERAL EXAMPLES ONLY. FINAL EXTENT OF BONDING AND SPECIFIC FITTING APPLICATIONS TO BE DETERMINED IN FIELD BASED ON ACTUAL SITE CONDITIONS.

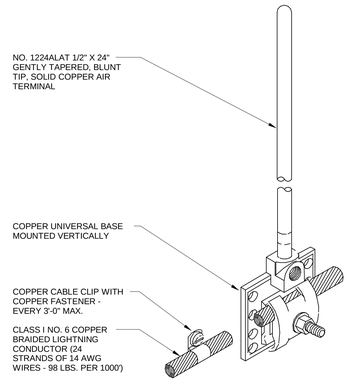


1. AIR TERMINAL, VERTICALLY MOUNTED ON PARAPET, SPACE 20'-0" MAXIMUM. SEE DETAIL.
2. AIR TERMINAL, HORIZONTALLY MOUNTED ON ROOF, SPACE 20'-0" MAXIMUM. SEE DETAIL.
3. AIR TERMINALS MOUNTED ON MECHANICAL EQUIPMENT ENCLOSURE.
4. AIR TERMINAL MOUNTED ON MECHANICAL EQUIPMENT ('DEAD-END' METHOD).
5. AIR TERMINAL, SADDLE TYPE MOUNT BASE.
6. AIR TERMINAL, GUARDRAIL MOUNTED WITH PIPE RAILING BASE.
7. MAIN LIGHTNING CONDUCTOR.
8. BOND WINDOW, DOOR FRAMES, VTR's, LADDERS, AND ANTENNAS, OR ANY METALLIC OBJECTS WITH BONDING LUGS AND SECONDARY CONDUCTOR.
9. ADHESIVE CABLE HOLDER, SPACE 3'-0" MAX.
10. CABLE CLIP WITH STAINLESS STEEL SCREWS SPACE 3'-0" MAX.
11. CABLE CONNECTOR.
12. THRU-ROOF CONNECTOR.
13. LIGHTNING DOWN CONDUCTOR.
14. AIR TERMINAL, MID-ROOF, SPACE 50'-0" MAX.

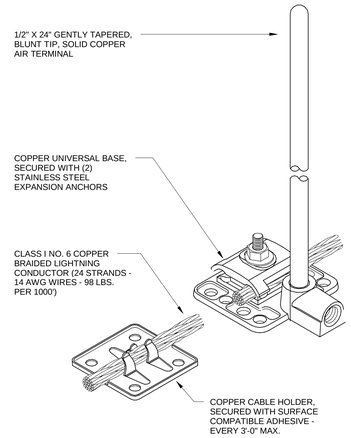
1 TYPICAL LIGHTNING PROTECTION LAYOUT
Scale: None



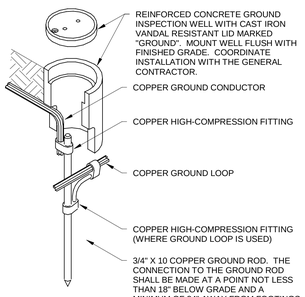
2 AIR TERMINAL - STANDING SEAM
Scale: NONE



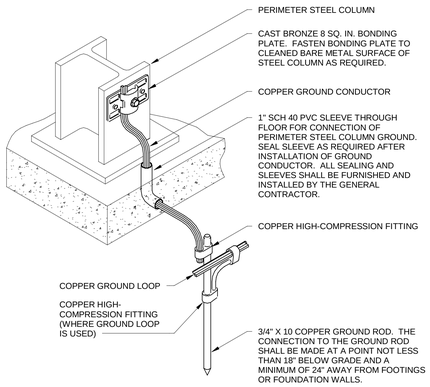
3 AIR TERMINAL - VERTICAL BASE
Scale: NONE



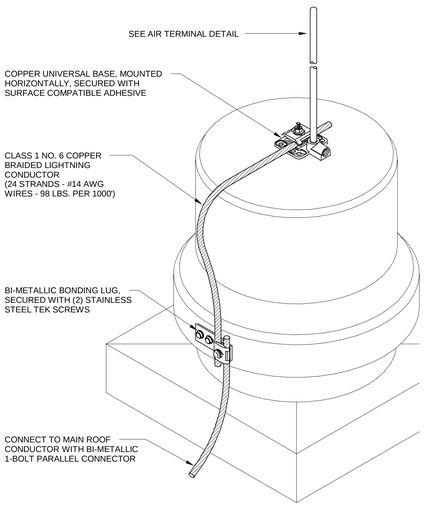
4 AIR TERMINAL - HORIZONTAL BASE
Scale: NONE



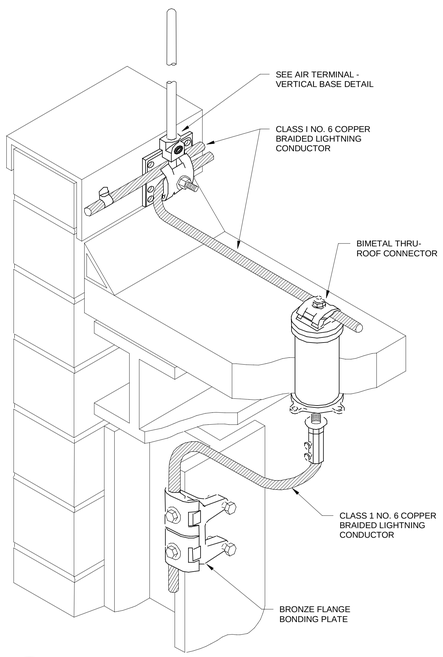
5 GROUND ROD / TEST WELL
Scale: None



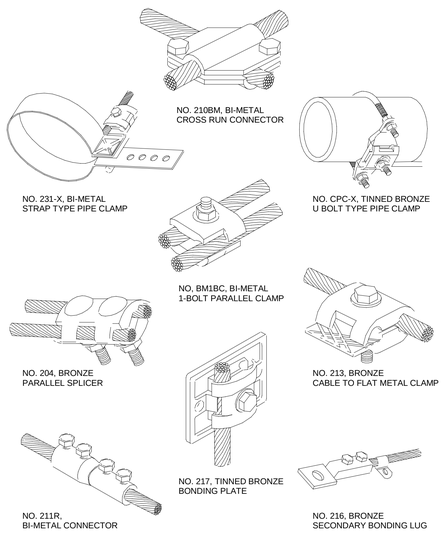
6 GROUND ROD / STRUCT. STEEL CONNECTION
Scale: None



7 AIR TERMINAL - MECH. EQUIPMENT BONDING
Scale: NONE



8 THRU-ROOF CONNECTOR
Scale: NONE



9 TYPICAL BONDING / SPLICING FITTINGS
Scale: None

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621
LICENSED PROFESSIONAL ENGINEER
06/05/24

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

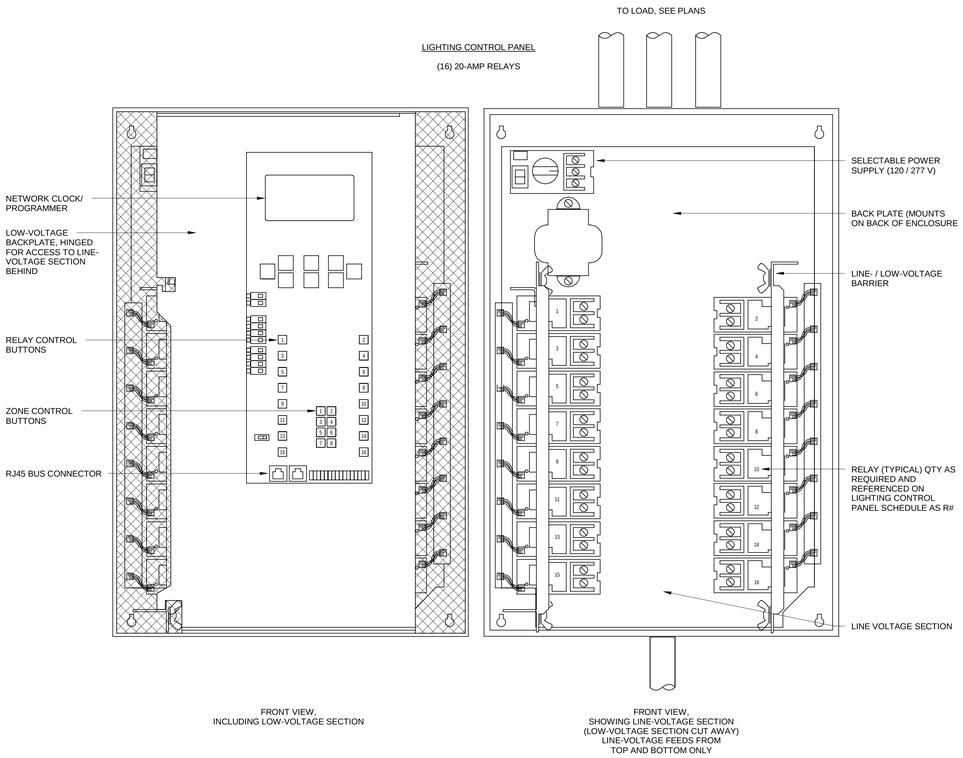
SHEET TITLE:
ELECTRICAL DETAILS
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

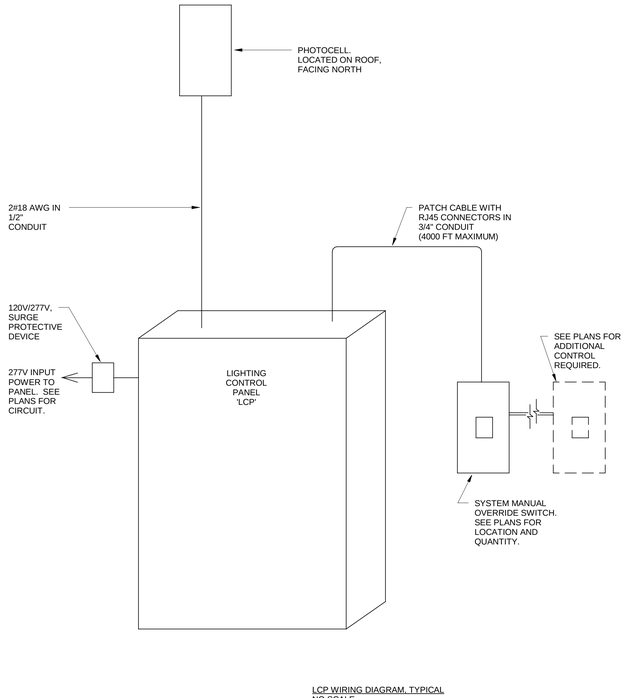
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

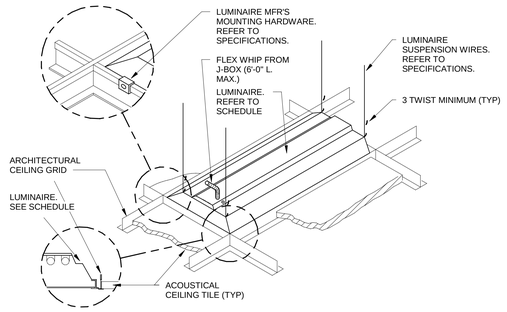
SHEET NUMBER:
E5.103



LIGHTING CONTROL SYSTEM PANEL (LCP) DETAIL, TYPICAL
NO SCALE



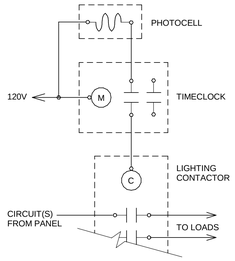
LCP WIRING DIAGRAM, TYPICAL
NO SCALE



NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

2 LUMINAIRE MOUNTING -LAY-IN CEILING

Scale: None



NOTES:
1. TIMECLOCK SHALL BE SET FOR THE "ON" FUNCTION AT 4:00 PM AND THE "OFF" FUNCTION AS DIRECTED BY OWNER.
2. THESE SETTINGS WILL ALLOW THE PHOTOCELL TO PERFORM THE "ON" FUNCTION OF ALL EXTERIOR LIGHTING, AND ALLOW FOR TIME OVERRIDE TO SHUT OFF PRE-SELECTED LIGHTING AT OWNER'S DISCRETION.

3 PHOTOCELL/TIMECLOCK CONTROL DIAGRAM

Scale: None

LCP GENERAL NOTES:

1. LIGHTING CONTROL SYSTEM SHALL BE DIGITAL AND CONSIST OF A MASTER PANEL, SATELLITE PANEL(S), DIGITAL TIMECLOCK (DTC), PHOTOCELL, MANUAL OVERRIDE SWITCH(ES) AND OTHER CONTROLS AS SHOWN ON THE DRAWINGS. ALL SYSTEM COMPONENTS SHALL CONNECT IN A "DAISY CHAIN" STYLE CONFIGURATION AND BE CONTROLLED VIA PATCH CABLE WITH RJ45 CONNECTORS, PROVIDING REAL-TIME TWO-WAY COMMUNICATION WITH EACH SYSTEM COMPONENT. ANALOG SYSTEMS ARE NOT ACCEPTABLE. ALL CABLES SUPPLIED BY CONTRACTOR.
2. RELAY PANELS SHALL BE PRE-WIRED, PRE-ASSEMBLED, PRE-PROGRAMMED AND LISTED TO UL 916 (NORMAL) OR ETL LISTED TO UL924 (EMERGENCY). PANELS SHALL BE PROVIDED WITH DUAL-VOLTAGE POWER SUPPLY AND 16-GAUGE BARRIERS TO SEPARATE LINE- AND LOW-VOLTAGES, NORMAL AND EMERGENCY POWER.
3. STANDARD RELAYS SHALL HAVE NORMALLY-CLOSED (NC) CONTACTS RATED FOR 120 / 277 V, 20 A, TUNGSTEN, BALLAST, HID OR LED DRIVERS. STANDARD RELAYS SHALL BE ZERO-CROSS TYPE, NO EXCEPTIONS.
4. ALL INCANDESCENT LIGHTING CIRCUITS SHALL BE CONTROLLED BY A N.C. / SOFT-START RELAY, NO EXCEPTIONS.
5. RELAY PANEL ELECTRONICS SHALL PROVIDE CURRENT VISUAL STATUS AND CONTROL OF EACH RELAY OR ZONE. ALL SYSTEM CONTROL ELECTRONICS SHALL STORE PROGRAMMING IN A NON-VOLATILE MEMORY AND PROVIDE 10-YEAR BATTERY BACKUP FOR TIME OF DAY.
6. ALL SWITCHES SHALL COMMUNICATE VIA PATCH CABLE WITH RJ45 CONNECTORS. CONTACT CLOSURE STYLE SWITCHES ARE NOT ACCEPTABLE. ANY SWITCH BUTTON FUNCTION SHALL BE ABLE TO BE CHANGED LOCALLY AT THE DTC. REFER TO WIRING DIAGRAM, THIS SHEET, FOR WIRING DETAILS.
7. PHOTOCELL, EXTERIOR (PCO) OR INTERIOR (PCI) SHALL PROVIDE READOUT ON THE DTC SCREEN IN NUMBER VALUES ANALOGOUS TO FOOT-CANDLES. EACH PHOTOCELL SHALL PROVIDE A MINIMUM OF 14 TRIGGER POINTS. EACH TRIGGER POINT CAN BE PROGRAMMED TO CONTROL ANY RELAY OR ZONE. EACH TRIGGER POINT SHALL BE SET THROUGH THE DTC, LOCALLY. PHOTOCELLS THAT REQUIRE THE USE OF SET SCREWS OR MANUAL ADJUSTMENTS AT THE PHOTOCELL CONTROL CARD ARE NOT ACCEPTABLE.
8. SHOP DRAWINGS: SUBMIT DIMENSIONED DRAWINGS OF THE LIGHTING CONTROL SYSTEM AND ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, RELAY PANELS, SWITCHES, DTC, PHOTOCELLS AND OTHER INTERFACES.
9. PROVIDE ON-SITE PROGRAMMING AND OWNER TRAINING ON THE SYSTEM.

LCP SYSTEM PERFORMANCE:

1. RELAYS IN LIGHTING CONTROL PANEL SHALL CONTROL LOAD DIRECTLY AS SHOWN ON PANEL SCHEDULES OR SHALL CONTROL CONTACTOR COILS AS SHOWN ON THIS SHEET.
2. EXTERIOR LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL 'ON', PHOTOCELL 'OFF' OR PHOTOCELL 'ON', TIMECLOCK 'OFF', OR AS DIRECTED BY THE OWNER.
3. ALL INTERIOR LIGHTING CONTROLS, VIA RELAYS AND OR VIA RELAYS CONTROLLING CONTACTOR COILS, SHALL BE SET TO TURN OFF THE LIGHTING ONE (1) HOUR AFTER TIME INDICATED BY OWNER. AT THIRTY (30) MINUTES PRIOR TO THE SET TIME THE LIGHTS SHALL BLINK FIVE (5) TIMES, AND AT FIFTEEN (15) MINUTES PRIOR TO THE SET TIME THE LIGHTS SHALL BLINK THREE (3) TIMES TO ALERT OCCUPANTS THAT THE LIGHTS ARE ABOUT TO BE TURNED OFF.
4. MANUAL OVERRIDE SWITCH SHALL BE LOCATED AS SHOWN ON THE DRAWING WITH AN ENGRAVED LABEL STATING "LIGHTING SYSTEM OVERRIDE SWITCH". RE-VERIFY EXACT LOCATION WITH OWNER ON-SITE PRIOR TO ROUGH-IN. THE SWITCH SHALL BE PROGRAMMED TO OVERRIDE THE PRESET TO 'OFF' TIME FOR TWO (2) HOUR INTERVALS.
5. PROVIDE TWO (2) COPIES OF A LAMINATED ONE-PAGE OPERATION INSTRUCTION, WRITTEN IN A FRIENDLY, EASY TO READ FORMAT FOR OWNER'S USE.
6. WHEN RELAYS ARE CONTROLLING ELECTRICALLY-HELD CONTACTORS, THEN THE RATIO OF RELAYS TO CONTACTOR COILS IS 1 TO 1. WHEN RELAYS ARE CONTROLLING MECHANICALLY-HELD CONTACTOR, THEN THE RATIO IS TWO (2) RELAYS PER COIL. IN THIS CASE THE RELAYS SHALL BE PROGRAMMED AS A MOMENTARY DEVICE WITH TIME SET PER CONTACTOR MANUFACTURER RECOMMENDATION.

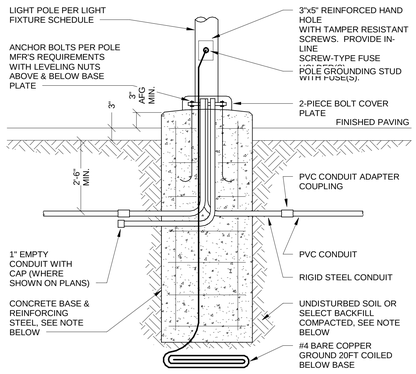
DO NOT CONTROL ANY EXIT SIGNS, EMERGENCY LIGHTS, NIGHT LIGHTS, OR EMERGENCY BATTERY BALLASTS / DRIVERS FROM THE LIGHTING CONTROL SYSTEM. WHEN THESE ITEMS ARE SHOWN CONNECTED TO A CONTROLLED CIRCUIT, PROVIDE AN UNSWITCHED CONDUCTOR CONNECTED AT THE LINE SIDE OF THE CONTACTOR TO SERVE THEM.

1 LIGHTING CONTROL SYSTEM PANEL DETAILS

Scale: None

LIGHTING CONTROL SYSTEM PANEL SCHEDULE — PANEL 'LCP'

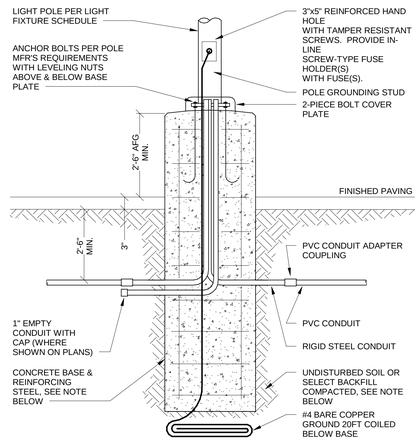
RELAY#	CONTROLS	CONTROL METHOD	CONTROL METHOD	CONTROLS	RELAY#
1	2SBH3-2	TIMECLOCK -ON / TIMECLOCK -OFF	PHOTOCELL -ON / PHOTOCELL -OFF	2SBH3-12	2
3	2SBH3-4	TIMECLOCK -ON / TIMECLOCK -OFF	PHOTOCELL -ON / PHOTOCELL -OFF	2SBH3-14	4
5	2SBH3-6	TIMECLOCK -ON / TIMECLOCK -OFF	PHOTOCELL -ON / PHOTOCELL -OFF	2SBH3-16	6
7	2SBH-9	TIMECLOCK -ON / TIMECLOCK -OFF	PHOTOCELL -ON / PHOTOCELL -OFF	2SBH3-18	8
9	2SBH-10	TIMECLOCK -ON / TIMECLOCK -OFF	TIMECLOCK -ON / TIMECLOCK -OFF	2SBH3-23	10
11	2SBH-26	PHOTOCELL -ON / TIMECLOCK -OFF	TIMECLOCK -ON / TIMECLOCK -OFF	2SBH3-25	12
13	2SBH-27	PHOTOCELL -ON / TIMECLOCK -OFF	TIMECLOCK -ON / TIMECLOCK -OFF	2SBH3-29	14
15	2SBH-28	PHOTOCELL -ON / TIMECLOCK -OFF	TIMECLOCK -ON / TIMECLOCK -OFF	2SBH3-20	16
17	CKT#	SPARE	SPARE	CKT#	18



NOTE:
BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

4 CONCRETE POLE BASE

Scale: None



NOTE:
BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

5 CONCRETE POLE BASE - PAVED AREAS

Scale: None

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621 LICENSED PROFESSIONAL ENGINEER
06/05/24

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ELECTRICAL DETAILS
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E5.104

Branch Panel: MDP

Location: ELEC 208
Supply From: MAIN DISC
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 1600 A
Device Rating: 1600 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				0.0	25.3								2
3	SPD (NOTE 1)	30 A	3			0.0	25.3			3	250 A	ATS RL	4
5								0.0	25.3				6
7				17.3	6.6								8
9	ATS LS	150 A	3			19.0	3.3			3	70 A	XFMR T-2NL1	10
11								19.6	3.3				12
13				300.2	0.0								14
15	ATS SB	1600 A	3			296.8	0.0			3	150 A	SPARE	16
17								289.5	0.0				18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
	Total Load:			346.0 kVA		341.1 kVA		334.3 kVA					
	Total Amps:			1253 A		1235 A		1207 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	113.2 kVA	114.78%	129.9 kVA		
Other	13.4 kVA	100.00%	13.4 kVA	**Total Conn. Load:**	1021.4 kVA
WH	35.0 kVA	100.00%	35.0 kVA	**Total Est. Demand:**	1010.1 kVA
EX	76.0 kVA	125.00%	95.0 kVA	**Total Conn.:**	1229 A
Receptacle	111.1 kVA	54.50%	60.5 kVA	**Total Est. Demand:**	1215 A
Lighting	34.8 kVA	100.00%	34.8 kVA		
HVAC	232.7 kVA	100.00%	232.7 kVA		
MISC EQUIP	18.9 kVA	100.00%	18.9 kVA		
HVAC Demand	415.0 kVA	100.00%	415.0 kVA		

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: 2SBHDP

Location: ELEC 208
Supply From: ATS SB
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MCB
Mains Rating: 1600 A
Device Rating: 1600 A MCB

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				0.0	22.3								2
3	SPD (NOTE 1)	30 A	3			0.0	19.1			3	125 A	XMFR T-2SBL1	4
5								0.0	17.4				6
7				102.8	26.9								8
9	Panel 2SBH1	600 A	3			102.8	27.2			3	125 A	XMFR T-2SBL2	10
11								102.8	25.1				12
13				23.0	20.3								14
15	Panel 2SBH2	400 A	3			23.0	21.3			3	225 A	Panel 1SBH1	16
17								23.0	15.7				18
19				6.8	0.0								20
21	Panel 2SBH3	125 A	3			7.0	0.0			3	225 A	SPARE	22
23								6.9	0.0				24
25				38.0	11.7								26
27	Panel 2SBH4	225 A	3			36.7	11.7			3	225 A	HTP-1	28
29								38.0	11.7				30
31				22.2	31.3								32
33	BHS	100 A	3			22.2	31.3			3	125 A	ERU-1	34
35								22.2	31.3				36
37				0.0	0.0								38
39	SPARE	70 A	3			0.0	0.0			3	225 A	SPARE	40
41								0.0	0.0				42
	Total Load:			300.2 kVA		296.8 kVA		289.5 kVA					
	Total Amps:			1088 A		1075 A		1045 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	70.0 kVA	123.75%	86.7 kVA		
Other	0.2 kVA	100.00%	0.2 kVA	**Total Conn. Load:**	886.5 kVA
WH	35.0 kVA	100.00%	35.0 kVA	**Total Est. Demand:**	859.5 kVA
Receptacle	111.1 kVA	54.50%	60.5 kVA	**Total Conn.:**	1066 A
Lighting	23.1 kVA	100.00%	23.1 kVA	**Total Est. Demand:**	1034 A
HVAC	232.7 kVA	100.00%	232.7 kVA		
MISC EQUIP	17.8 kVA	100.00%	17.8 kVA		
HVAC Demand	415.0 kVA	100.00%	415.0 kVA		

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: 1SBH1

Location: EMERG. ELECTRICAL 209
Supply From: 2SBHDP
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MCB
Mains Rating: 225 A
Device Rating: 225 A MCB

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				15.6	1.3								2
3	XMFR T-1SBL1	70 A	3			15.6	1.3			3	20 A	FCU-5DH	4
5								11.7	1.3				6
7	LTG-TSA OFFICES	20 A	1	0.7	1.0								8
9	LTG TSA Checkpt	20 A	1			1.9	1.0			3	20 A	FCU-7DH	10
11	SPARE	20 A	1					0.0	1.0				12
13	SPARE	20 A	1	0.0	2.0								14
15	SPARE	20 A	1			0.0	2.0			3	20 A	FCU-8DH	16
17	SPARE	20 A	1					0.0	2.0				18
19	SPARE	20 A	1	0.0	0.0								20
21	SPARE	20 A	1			0.0	0.0			3	20 A	SPARE	22
23	SPARE	20 A	1					0.0	0.0				24
25	SPARE	20 A	1	0.0	0.0								26
27	SPARE	20 A	1			0.0	0.0			3	20 A	SPARE	28
29	SPARE	20 A	1					0.0	0.0				30
31	SPACE	--	1	--	--					1	--	SPACE	32
33	SPACE	--	1			--	--			1	--	SPACE	34
35	SPACE	--	1					--	--	1	--	SPACE	36
37	SPACE	--	1	--	--					1	--	SPACE	38
39	SPACE	--	1			--	--			1	--	SPACE	40
41	SPACE	--	1					--	--	1	--	SPACE	42
	Total Load:			20.3 kVA		21.3 kVA		15.7 kVA					
	Total Amps:			76 A		79 A		57 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	0.2 kVA	100.00%	0.2 kVA		
Receptacle	27.2 kVA	68.38%	18.6 kVA	**Total Conn. Load:**	57.2 kVA
Lighting	2.5 kVA	100.00%	2.5 kVA	**Total Est. Demand:**	49.0 kVA
HVAC	8.6 kVA	100.00%	8.6 kVA	**Total Conn.:**	69 A
MISC EQUIP	8.1 kVA	100.00%	8.1 kVA	**Total Est. Demand:**	59 A
HVAC Demand	13.0 kVA	100.00%	13.0 kVA		

Notes:

Branch Panel: 2SBH1

Location: ELEC 208
Supply From: 2SBHDP
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 600 A
Device Rating: 600 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				0.0	5.8								2
3	SPD (NOTE 1)	30 A	3			0.0	5.8			3	35 A	HP-1a	4
5								0.0	5.8				6
7				4.5	5.8								8
9	AHU-1	25 A	3			4.5	5.8			3	35 A	HP-1b	10
11								4.5	5.8				12
13				3.0	5.8								14
15	AHU-2	20 A	3			3.0	5.8			3	35 A	HR-1Aa	16
17								3.0	5.8				18
19				0.9	5.8								20
21	SEP-1	20 A	3			0.9	5.8			3	35 A	HR-1Ab	22
23								0.9	5.8				24
25				0.0	0.0								26
27	SPARE	20 A	3			0.0	0.0			3	15 A	ARS-1	28
29								0.0	0.0				30
31				0.0	1.1								32
33	SPARE	20 A	3			0.0	1.1			3	20 A	UH-2	34
35								0.0	1.1				36
37				0.0	1.0								38
39	SPARE	20 A	3			0.0	1.0			3	20 A	UH-4	40
41								0.0	1.0				42
	Total Load:			102.8 kVA		102.8 kVA		102.8 kVA					
	Total Amps:			371 A		371 A		371 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	2.8 kVA	124.97%	3.5 kVA		
WH	33.2 kVA	100.00%	33.2 kVA	**Total Conn. Load:**	308.5 kVA
HVAC	190.7 kVA	100.00%	190.7 kVA	**Total Est. Demand:**	309.2 kVA
HVAC Demand	81.7 kVA	100.00%	81.7 kVA	**Total Conn.:**	371 A
				Total Est. Demand:	372 A

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: 2SBH1 SEC2

Location: ELEC 208
Supply From: 2SBH1
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 600 A
Device Rating: 600 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				1.0	5.0								2
3	UH-1	20 A	3			1.0	5.0			3	30 A	FH-1	4
5								1.0	5.0				6
7				4.3	11.1					1	50 A	IWH-1	8
9	UH-3A, UH-3B, UH-3C	20 A	3			4.3	11.1			1	50 A	IWH-2	10
11								4.3	11.1	1	50 A	IWH-3	12
13				2.9	1.1								14
15	UH-5A, UH-5B	20 A	3			2.9	1.1			3	20 A	UH-6	16
17								2.9	1.1				18
19				4.3	4.7								20
21	UH-7A, UH-7B,UH-7C	20 A	3			4.3	4.7			3	25 A	HR-1Ba	22
23								4.3	4.7				24
25				4.3	4.7								26
27	UH-7D, UH-7E, UH-7F	20 A	3			4.3	4.7			3	25 A	HR-1Bb	28
29								4.3	4.7				30
31				2.2	5.8								32
33	UH-8A, UH-8B	20 A	3			2.2	5.8			3	35 A	HP-2a	34
35								2.2	5.8				36
37				0.0	5.8								38
39	SPARE	20 A	3			0.0	5.8			3	35 A	HP-2b	40
41								0.0	5.8				42
	Total Load:			68.9 kVA		68.9 kVA		68.9 kVA					
	Total Amps:			249 A		249 A		249 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
WH	33.2 kVA	100.00%	33.2 kVA		
HVAC	98.1 kVA	100.00%	98.1 kVA	**Total Conn. Load:**	206.7 kVA
HVAC Demand	75.3 kVA	100.00%	75.3 kVA	**Total Est. Demand:**	206.7 kVA
				Total Conn.:	249 A
				Total Est. Demand:	249 A

Notes:

Branch Panel: 2SBH1 SEC3

Location: ELEC 208
Supply From: 2SBH1 SEC2
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 600 A
Device Rating: 600 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				5.8	0.0								2
3	HP-3a	35 A	3			5.8	0.0			3	20 A	SPARE	4
5								5.8	0.0				6
7				5.8	0.0								8
9	HP-3b	35 A	3			5.8	0.0			3	30 A	SPARE	10
11								5.8	0.0				12
13				0.0	0.0								14
15	SPARE	20 A	3			0.0	0.0			3	20 A	SPARE	16
17								0.0	0.0				18
19				0.0	0.0								20
21	SPARE	20 A	3			0.0	0.0			3	20 A	SPARE	22
23								0.0	0.0				24
25				0.0	--								26
27	SPARE	20 A	3			0.0	--			3	--	SPACE	28
29								0.0	--				30
31				0.0	0.0								32
33	SPARE	20 A	3			0.0	0.0			3	20 A	SPARE	34
35								0.0	0.0				36
37				0.0	0.0								38
39	SPARE	20 A	3			0.0	0.0			3	20 A	SPARE	40
41								0.0	0.0				42
	Total Load:			11.6 kVA		11.6 kVA		11.6 kVA					
	Total Amps:			42 A		42 A		42 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	34.9 kVA	100.00%	34.9 kVA		
				Total Conn. Load:	34.9 kVA
				Total Est. Demand:	34.9 kVA
				Total Conn.:	42 A
				Total Est. Demand:	42 A

Notes:

Branch Panel: 2SBH2

Location: ELEC 208
Supply From: 2SBHDP
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 400 A
Device Rating: 400 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				2.7	1.3								2
3	FCU-1DH	20 A	3			2.7	1.3			3	20 A	FCU-2DH	4
5								2.7	1.3				6
7				2.7	3.7								8
9	FCU-3DH	20 A	3			2.7	3.7			3	20 A	FCU-4DH	10
11								2.7	3.7				12
13				1.0	1.3								14
15	FCU-6DH	20 A	3			1.0	1.3			3	20 A	FCU-9DH	16
17								1.0	1.3				18
19				2.0	2.0								20
21	FCU-10DH	20 A	3			2.0	2.0			3	20 A	FCU-11DH	22
23								2.0	2.0				24
25				2.7	1.7								26
27	FCU-12DH	20 A	3			2.7	1.7			3	20 A	FCU-13DH	28
29								2.7	1.7				30
31				0.0	2.0								32
33	SPARE	20 A	3			0.0	2.0			3	20 A	FCU-14DH	34
35								0.0	2.0				36
37				0.0	0.0								38
39	SPARE	20 A	3			0.0	0.0			3	20 A	SPARE	40
41								0.0	0.0				42
	Total Load:			23.0 kVA		23.0 kVA		23.0 kVA					
	Total Amps:			83 A		83 A		83 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC Demand	69.0 kVA	100.00%	69.0 kVA		
				Total Conn. Load:	69.0 kVA
				Total Est. Demand:	69.0 kVA
				Total Conn.:	83 A
				Total Est. Demand:	83 A

Notes:

Branch Panel: 2NL1

Location: ELEC 208
Supply From: T-2NL1
Mounting: Surface
Enclosure: 1

Volts: 208/120V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MCB
Mains Rating: 150 A
Device Rating: 150 A MCB

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				0.0	3.3					2	40 A	EV CHARGER STATION #1	2
3	SPD (NOTE 1)	30 A	3			0.0	3.3						4
5								0.0	3.3	2	40 A	EV CHARGER STATION #2	6
7	SPARE	20 A	1	0.0	3.3								8
9	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	10
11	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	12
13	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	14
15	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	16
17	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	18
19	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	20
21	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	22
23	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	24
25	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	26
27	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	28
29	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	30
31	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	32
33	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	34
35	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	36
37	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	38
39	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	40
41	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	42
	Total Load:			6.6 kVA		3.3 kVA		3.3 kVA					
	Total Amps:			55 A		28 A		28 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	13.2 kVA	100.00%	13.2 kVA		
				Total Conn. Load:	13.2 kVA
				Total Est. Demand:	13.2 kVA
				Total Conn.:	37 A
				Total Est. Demand:	37 A

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621 LICENSED PROFESSIONAL ENGINEER
06/05/24

1SBH1
2SBH1 SEC 3
2SBH2
2NL1

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
PANEL SCHEDULES
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E6.101

Branch Panel: 2SBL1

Location: ELEC 208 | **Volts:** 208/120V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: T-2SBL1 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 250 A
Enclosure: 1 | **Device Rating:** 250 A MCB

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPD (NOTE 1)	30 A	3	0.0 2.6			2	30 A	CU-1/AC-1	2
3					0.0 2.6					4
5						0.0 0.8	1	20 A	SP-1	6
7	DOAS-1 Controls	20 A	1	0.3 0.2			2	15 A	BC-1A	8
9	CU-4A /AC-4A	25 A	2		2.0 0.2					10
11						2.0 0.1	2	15 A	BC-1B	12
13	CU-4B /AC-4B	25 A	2	2.0 0.1						14
15					2.0 0.2		2	15 A	FCU-9	16
17	CU-5A AC-5A	25 A	2			2.0 0.2				18
19				2.0 0.4			1	20 A	DDC Panel #1	20
21	CU-6 /AC-6	25 A	2		1.1 0.2		1	20 A	Air Flow Monitor Panel	22
23						1.1 1.8	1	20 A	HPWH-1	24
25	FCU-1,2,4	15 A	2	0.8 0.5			1	20 A	HWCP-1	26
27					0.8 0.2		2	15 A	FCU-13	28
29	FCU-10,11,12,14	15 A	2			0.9 0.2				30
31				0.9 0.4			1	20 A	DDC Controls 2	32
33	TRAP PRIMER 1st FL	20 A	1		0.1 0.8		1	20 A	EF-1	34
35	Nitrogen Generator for FP	20 A	1			0.3 0.2	1	20 A	HEAT TRACE APS SNOW CONTROLLER	36
37	SPARE	20 A	1	0.0 6.9						38
39	SPARE	20 A	1		0.0 4.5		3	150 A	Panel GENSBL1	40
41	SPARE	20 A	1			0.0 2.9				42
	Total Load:			22.3 kVA	19.1 kVA	17.4 kVA				
	Total Amps:			188 A	162 A	145 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	0.7 kVA	121.60%	0.9 kVA	
WH	1.8 kVA	100.00%	1.8 kVA	**Total Conn. Load:** 58.9 kVA
Receptacle	7.0 kVA	100.00%	7.0 kVA	**Total Est. Demand:** 59.0 kVA
HVAC	33.3 kVA	100.00%	33.3 kVA	**Total Conn.:** 163 A
MISC EQUIP	7.2 kVA	100.00%	7.2 kVA	**Total Est. Demand:** 164 A
HVAC Demand	10.0 kVA	100.00%	10.0 kVA	

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: 2SBL2

Location: ELEC 208 | **Volts:** 208/120V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: T-2SBL2 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 250 A
Enclosure: 1 | **Device Rating:** 250 A MCB

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPD (NOTE 1)	30 A	3	0.0 0.5			1	20 A	RCPT BAGGAGE CLAIM, ELEV LOBBY	2
3					0.0 0.4		1	20 A	RCPT 1st FL SEATING Area	4
5						0.0 0.4	1	20 A	RCPT 1st FL SEATING Tables	6
7	RCPT EXTERIOR Landside	20 A	1	0.9 0.7			1	20 A	RCPT 1st FL LANDSIDE Lounge	8
9	RCPT EXTERIOR Secured-Side	20 A	1		0.7 0.7		1	20 A	RCPT 1st FL LANDSIDE Lounge	10
11	RCPT EXTERIOR Secured-Side	20 A	1			0.9 0.8	1	20 A	RCPT 1st FL Restrooms Landside (NOTE 2)	12
13	RCPT TICKETING Counters	20 A	1	0.5 0.8			1	20 A	RCPT 1st FL Restrooms Secure-Side (NOTE 2)	14
15	RCPT CHECK-IN Tables	20 A	1		0.9 0.4		1	20 A	RCPT Lobby	16
17	RCPT TICKETING Kiosks	20 A	1			0.4 1.3	1	20 A	RCPT Arrival/Departure Screens	18
19	RCPT RENTAL CAR Area	20 A	1	0.5 0.4			1	20 A	RCPT Arrival/Departure Screens	20
21	RCPT RENTAL CAR Counters	20 A	1		1.1 0.7		1	20 A	RCPT VENDING Landside (NOTE 2)	22
23	RCPT RENTAL CAR Offices	20 A	1			0.7 0.7	1	20 A	RCPT VENDING Landside (NOTE 2)	24
25	RCPT RENTAL CAR Offices	20 A	1	1.1 0.7			1	20 A	RCPT VENDING Landside (NOTE 2)	26
27	RCPT RENTAL CAR Back Counter	20 A	1		0.5 0.7		1	20 A	RCPT VENDING Secured-Side (NOTE 2)	28
29	RCPT VENDING Secured-Side (NOTE 2)	20 A	1			0.7 0.7	1	20 A	RCPT VENDING Secured-Side (NOTE 2)	30
31	RECEPTACLE	20 A	1	0.2 1.2			1	20 A	RCPT 1st FL Water Coolers Landside (NOTE 2)	32
33	RCPT 2nd Fl Offices 218, 222	20 A	1		1.1 1.2		1	20 A	RCPT 1st FL Water Coolers Secure-Side (NOT...	34
35	RCPT Lobby TV Displays	20 A	1			0.4 0.4	1	20 A	RCPT Secure Rm TV Displays W	36
37				4.4 0.5			1	20 A	RCPT Secure Rm TV Displays E	38
39	Panel 2SBC1	100 A	3		4.5 0.5		1	20 A	RCPT Check In Displays	40
41						2.8 0.9	1	20 A	RCPT RENTAL CAR Counters	42
	Total Load:			26.9 kVA	27.2 kVA	25.1 kVA				
	Total Amps:			226 A	229 A	209 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	76.9 kVA	56.50%	43.5 kVA	
MISC EQUIP	2.7 kVA	100.00%	2.7 kVA	**Total Conn. Load:** 79.2 kVA
				Total Est. Demand: 45.8 kVA
				Total Conn.: 220 A
				Total Est. Demand: 127 A

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.
2. GFCI BREAKER.

Branch Panel: 2SBH3

Location: ELEC 208 | **Volts:** 480/277V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: 2SBHDP | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 125 A
Enclosure: 1 | **Device Rating:** 125 A MLO

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPD (NOTE 1)	30 A	3	0.0 0.9			1	20 A	LTG SITE North	2
3					0.0 1.4		1	20 A	LTG SITE South West	4
5						0.0 2.6	1	20 A	LTG SITE South East	6
7	LTG 1st FL Wtr Entry, Bag Scrn, Outbd Baggage	20 A	1	0.9 0.7			1	20 A	LTG Canopy	8
9	LTG 1st FL Inbd Baggage	20 A	1		0.7 0.7		1	20 A	LTG 1st Fl Lobby, Vest, Exit	10
11	LTG 2nd FL MDF, IDF, JAN	20 A	1			0.4 0.1	1	20 A	LTG EXTERIOR Landside West	12
13	LTG CONDENSER, MECH RM	20 A	1	0.5 0.2			1	20 A	LTG EXTERIOR Secured-Side West	14
15	LTG 1st Secure Hold	20 A	1		0.5 0.0		1	20 A	LTG EXTERIOR Landside East	16
17	LTG-AIRPORT OFFICES	20 A	1			0.4 0.2	1	20 A	LTG EXTERIOR Secured-Side East	18
19	LTG-RENTAL CAR OFFICES	20 A	1	0.4 0.5			1	20 A	LTG-2ND FL Mgr, insp Off, Corridor	20
21	LTG 1st FL Rest Rms	20 A	1		0.7 1.1		1	20 A	LTG 2nd Fl Office	22
23	SPARE	20 A	1			0.0 1.7	1	20 A	LTG 2nd Fl Secure	24
25	LTG 2ND Lobby W	20 A	1	2.1 0.6			1	20 A	LTG Exterior Airside Floods	26
27	LTG Apron Lighting W	20 A	1		1.3 0.8		1	20 A	LTG Apron Lighting E	28
29	EL LTG 1st Fl Secure Rm	20 A	1			1.3 0.4	1	20 A	LTG-2ND FL Corridor	30
31	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	32
33	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	34
35	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	36
37	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	38
39	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	40
41	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	42
	Total Load:			6.8 kVA	7.0 kVA	6.9 kVA				
	Total Amps:			25 A	25 A	25 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	0.0 kVA	0.00%	0.0 kVA	
Lighting	20.6 kVA	100.00%	20.6 kVA	**Total Conn. Load:** 20.6 kVA
				Total Est. Demand: 20.6 kVA
				Total Conn.: 25 A
				Total Est. Demand: 25 A

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: 2SBL1 SEC2

Location: ELEC 208 | **Volts:** 208/120V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: 2SBL1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 250 A
Enclosure: 1 | **Device Rating:** 250 A MLO

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	RCPT ELEC RM	20 A	1	0.7 0.7			1	20 A	RCPT EM ELEC RM	2
3	RCPT MECHANICAL RM	20 A	1		1.1 0.2		1	20 A	RCPT ELEV PIT	4
5	RCPT ELEC MACH RM	20 A	1			0.2 0.4	1	20 A	RCPT JAN, MDF	6
7	DAMPERS RM 204	20 A	1	1.0 1.0			1	20 A	DAMPERS RM 204	8
9	TRAP PRIMER 2nd FL	20 A	1		0.1 0.5		1	20 A	RCPT 2nd FL CONDENSER RM	10
11	PARKING GATE Employee Lot	20 A	1			0.9 1.5	1	20 A	RCPT 2nd Fl Women Hand Dryer (NOTE 1)	12
13	PARKING GATE South Lot	20 A	1	0.9 1.5			1	20 A	RCPT 2nd Fl Men's Hand Dryer (NOTE 1)	14
15	PARKING GATE North Lot	20 A	1		0.9 2.0		2	25 A	CU-5B/AC-5B	16
17	Refrigerant Monitor Panel	20 A	1			0.4 2.0				18
19	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	20
21	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	22
23	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	24
25	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	26
27	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	28
29	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	30
31	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	32
33	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	34
35	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	36
37	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	38
39	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	40
41	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	42
	Total Load:			5.6 kVA	4.6 kVA	5.0 kVA				
	Total Amps:			47 A	38 A	43 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	6.8 kVA	100.00%	6.8 kVA	
HVAC	6.4 kVA	100.00%	6.4 kVA	**Total Conn. Load:** 15.2 kVA
MISC EQUIP	2.7 kVA	100.00%	2.7 kVA	**Total Est. Demand:** 15.2 kVA
				Total Conn.: 42 A
				Total Est. Demand: 42 A

Notes:
1. GFCI BREAKER.

Branch Panel: 2SBL2 SEC2

Location: ELEC 208 | **Volts:** 208/120V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: 2SBL2 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 250 A
Enclosure: 1 | **Device Rating:** 250 A MLO

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	RCPT 1st FL WATER ENTRY	20 A	1	0.7 0.7			1	20 A	RCPT OFFICE 138 Open	2
3	RCPT 1st FL BAG SCREEN	20 A	1		1.1 0.7		1	20 A	RCPT AIRLINE OFFICE 138	4
5	RCPT 1st FL EQUIP STORAGE	20 A	1			1.1 1.0	1	20 A	RCPT 1st FL SEATING AREA	6
7	RCPT 1st FL INBOUND BAGGAGE	20 A	1	1.3 0.4			1	20 A	RCPT 1st FL BREAK RM	8
9	RCPT 1st FL BACK CORRIDOR	20 A	1		0.4 0.7		1	20 A	RCPT 1st FL BREAK RM Refrigerator	10
11	RCPT 1st FL EXIT CORRIDOR	20 A	1			0.9 1.0	1	20 A	RCPT 1st FL BREAK RM Disposal	12
13	RCPT VENDING Secured-Side (NOTE 1)	20 A	1	0.7 0.9			1	20 A	RCPT GATE Secure-Side	14
15	RCPT 1st FL Airline Off 153	20 A	1		0.9 0.7		1	20 A	RCPT GATE Secure-Side	16
17	RCPT 2nd FL MUSEUM Vending (NOTE 1)	20 A	1			0.2 1.1	1	20 A	RCPT GATE Secure-Side	18
19	RCPT 1st FL GATE Secure-Side	20 A	1	0.7 0.9			1	20 A	RCPT GATE Counter, Arrival/Departure Screens	20
21	RCPT 1st FL WOMENS Hand Dryer (NOTE 1)	20 A	1		1.5 0.7		1	20 A	RCPT 2nd Fl Offices 219, 222	22
23	RCPT 1st FL WOMENS Hand Dryer (NOTE 1)	20 A	1			1.5 0.5	1	20 A	RCPT 2nd FL BREAK RM	24
25	RCPT 1st FL MENS Hand Dryer (NOTE 1)	20 A	1	1.5 0.7			1	20 A	RCPT 2nd Fl BREAK RM Refrigerator	26
27	RCPT 1st FL MENS Hand Dryer (NOTE 1)	20 A	1		1.5 1.0		1	20 A	RCPT 2nd Fl BREAK RM Disposal	28
29	RCPT 2nd FL Water Coolers (NOTE 1)	20 A	1			1.2 1.1	1	20 A	RCPT 2nd FL CIRCULATION Walkway	30
31	RCPT 2nd FL RESTROOMS (NOTE 1)	20 A	1	0.6 1.3			1	20 A	RCPT 2nd FL BOARD ROOM	32
33	RCPT ADMIN Offices	20 A	1		0.7 0.7		1	20 A	RCPT 2nd FL BOARD ROOM	34
35	RCPT Copy Rm	20 A	1			0.7 1.5	1	20 A	RCPT 1st FL WOMENS Hand Dryer (NOTE 1)	36
37	RCPT MUSEUM	20 A	1	1.1 1.5			1	20 A	RCPT 1st FL WOMENS Hand Dryer (NOTE 1)	38
39	RCPT AIRPORT Management	20 A	1		0.5 1.5		1	20 A	RCPT 1st FL MENS Hand Dryer (NOTE 1)	40
41	RCPT AIRPORT Management Copier	20 A	1			0.2 1.5	1	20 A	RCPT 1st FL MENS Hand Dryer (NOTE 1)	42
	Total Load:			14.3 kVA	14.0 kVA	14.2 kVA				
	Total Amps:			120 A	116 A	118 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	40.8 kVA	62.25%	25.4 kVA	
MISC EQUIP	1.9 kVA	100.00%	1.9 kVA	**Total Conn. Load:** 42.5 kVA
				Total Est. Demand: 27.1 kVA
				Total Conn.: 118 A
				Total Est. Demand: 75 A

Notes:
1. GFCI BREAKER.

Branch Panel: GENSBL1

Location: | **Volts:** 208/120V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: 2SBL1 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 150 A
Enclosure: 1 | **Device Rating:** 150 A MCB

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPD (NOTE 1)	30 A	3	0.0 0.0			1	20 A	SPARE	2
3					0.0 0.1		1	20 A	MOTORIZED LOUVER	4
5						0.0 0.4	1	20 A	BATTERY CHARGER	6
7	GENERATOR BLOCK HEATER	25 A	2	1.9 2.5			2	30 A	ENCLOSURE HEATER	8
9					1.9 2.5					10
11	SPARE	20 A	1			0.0 2.5	2	30 A	ENCLOSURE HEATER	12
13	SPARE	20 A	1	0.0 2.5						14
15	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	16
17	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
	Total Load:			6.9 kVA	4.5 kVA	2.9 kVA				
	Total Amps:			59 A	39 A	24 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	0.1 kVA	112.50%	0.1 kVA	
MISC EQUIP	4.1 kVA	100.00%	4.1 kVA	**Total Conn. Load:** 14.2 kVA
HVAC Demand	10.0 kVA	100.00%	10.0 kVA	**Total Est. Demand:** 14.3 kVA
				Total Conn.: 40 A
				Total Est. Demand: 40 A

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: 2LSH1

Location: EMERG ELEC 210 | **Volts:** 480/277V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: ATS LS | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 150 A
Enclosure: 1 | **Device Rating:** 150 A MLO

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPD (NOTE 1)	30 A	3	0.0 0.0			3	100 A	SPARE	2
3					0.0 0.0					4
5						0.0 0.0				6
7	XMFR T-2LS1	50 A	3	1.1 14.4			3	100 A	ELEVATOR (LSI TRIP)	8
9					0.1 14.4					10
11						0.0 14.4				12
13	EM LTG WtrEntry, EqpmStor, BagScreen	20 A	1	0.6 0.1			1	20 A	LTG Elev Mach Rm	14
15	EM LTG InboundBags	20 A	1		1.1 0.4		1	20 A	EM LTG 1st fl Offices	16
17	EM LTG Check point	20 A	1			2.4 1.5	1	20 A	EM LTG 1ST Secure, Rest Rm	18
19	LTG STAIRWELL East	20 A	1	0.2 0.2			1	20 A	LTG STAIRWELL West	20
21	EM LTG Exterior	20 A	1		0.5 1.4		1	20 A	EM LTG 2nd Fl Lobby	22
23	EM LTG 2nd Fl Corridor	20 A	1			0.6 0.9	1	20 A	EM LTG 2nd Fl Off, Mech	24
25	EL LTG 1st Fl Secure Rm	20 A	1	0.7 0.2			1	20 A	EM LTG OutboundBags	26
27	LTG 2nd Fl Lobby E	20 A	1		1.3 0.0		1	20 A	SPARE	28
29	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	30
31	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	32
33	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	34
35	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	36
37	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	38
39	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	40
41	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	42
	Total Load:			17.3 kVA	19.0 kVA	19.6 kVA				
	Total Amps:			62 A	70 A	72 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	43.2 kVA	125.00%	54.0 kVA	
Other	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:** 55.9 kVA
Lighting	11.7 kVA	100.00%	11.7 kVA	**Total Est. Demand:** 66.7 kVA
MISC EQUIP	1.2 kVA	100.00%	1.2 kVA	**Total Conn.:** 67 A
				Total Est. Demand: 80 A

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: 2SBL2 SEC3

Location: ELEC 208 | **Volts:** 208/120V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: 2SBL2 SEC2 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 250 A
Enclosure: 1 | **Device Rating:** 250 A MLO

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	RCPT Future Space	20 A	1	0.7 0.7			1	20 A	RCPT 1st Fl Airline Corr/Breakrm	2
3	RCPT 2nd Fl Waiting	20 A	1		0.7 0.7		1	20 A	RCPT AV Board Rm	4
5	RECEPTACLE	20 A	1			0.7 0.2	1	20 A	RECP PARKING PAY	6
7	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	8
9	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	10
11	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	12
13	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	14
15	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	16
17	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	18
19	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	20
21	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	22
23	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	24
25	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	26
27	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	28
29	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	30
31	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	32
33	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	34
35	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	36
37	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	38
39	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	40
41	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	42
	Total Load:			1.4 kVA	1.4 kVA	0.9 kVA				
	Total Amps:			13 A	13 A	8 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	3.8 kVA	100.00%	3.8 kVA	
				Total Conn. Load: 3.8 kVA
				Total Est. Demand: 3.8 kVA
				Total Conn.: 10 A
				Total Est. Demand: 10 A

Notes:

Branch Panel: 2LSL1

Location: EMERG ELEC 210 | **Volts:** 208/120V Y | **A.I.C. Rating:** SEE ONE LINE
Supply From: T-2LS1 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: 1 | **Device Rating:** 100 A MCB

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPD (NOTE 1)	30 A	3	0.0 1.1			1	20 A	FIRE ALARM CONTROL PANEL - FACP	2
3					0.0 0.1		1	20 A	FIRE ALARM 2nd FL	4
5						0.0 0.0	1	20 A	LTG Elevator Cab	6
7	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	8
9	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	10
11	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	12
13	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	14
15	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	16
17	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	18
19	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	20
21	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	22
23	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	24
25	SPARE	20 A	1	0.0 0.0			1	20 A	SPARE	26
27	SPARE	20 A	1		0.0 0.0		1	20 A	SPARE	28
29	SPARE	20 A	1			0.0 0.0	1	20 A	SPARE	30
31										32
33										34
35										36
37										38
39										40
41										42
	Total Load:			1.1 kVA	0.1 kVA	0.0 kVA				
	Total Amps:			9 A	1 A	0 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
MISC EQUIP	1.2 kVA	100.00%	1.2 kVA	
				Total Conn. Load: 1.2 kVA
				Total Est. Demand: 1.2 kVA
				Total Conn.: 3 A
				Total Est. Demand: 3 A

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI
No. 17621
LICENSED PROFESSIONAL ENGINEER
06/05/

Branch Panel: EMDP

Location: GENERATOR w/SUBBASE DA...
Supply From: GENERATOR
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 1600 A
Device Rating: 1600 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				0.0	0.0								2
3	TEMP GENERATOR	1600 A	3			0.0	0.0			3	30 A	SPD (NOTE 1)	4
5								0.0	0.0				6
7				0.0									8
9	GENERATOR	1600 A	3			0.0							10
11								0.0					12
13													14
15													16
17													18
19													20
21													22
23													24
			Total Load:	339.4 kVA		337.8 kVA		331.0 kVA					
			Total Amps:	1229 A		1223 A		1195 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	113.2 kVA	114.78%	129.9 kVA	
Other	0.2 kVA	100.00%	0.2 kVA	**Total Conn. Load:** 1008.2 kVA
WH	35.0 kVA	100.00%	35.0 kVA	**Total Est. Demand:** 996.9 kVA
EX	76.0 kVA	125.00%	95.0 kVA	**Total Conn.:** 1213 A
Receptacle	111.1 kVA	54.50%	60.5 kVA	**Total Est. Demand:** 1199 A
Lighting	34.8 kVA	100.00%	34.8 kVA	
HVAC	232.7 kVA	100.00%	232.7 kVA	
MISC EQUIP	18.9 kVA	100.00%	18.9 kVA	
HVAC Demand	415.0 kVA	100.00%	415.0 kVA	

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: EMDP (SEC2)

Location:
Supply From: EMDP
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 1600 A
Device Rating: 1600 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				300.2									2
3	ATS SB	1600 A	3			296.8							4
5								289.5					6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
			Total Load:	339.4 kVA		337.8 kVA		331.0 kVA					
			Total Amps:	1229 A		1223 A		1195 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	113.2 kVA	114.78%	129.9 kVA	
Other	0.2 kVA	100.00%	0.2 kVA	**Total Conn. Load:** 1008.2 kVA
WH	35.0 kVA	100.00%	35.0 kVA	**Total Est. Demand:** 996.9 kVA
EX	76.0 kVA	125.00%	95.0 kVA	**Total Conn.:** 1213 A
Receptacle	111.1 kVA	54.50%	60.5 kVA	**Total Est. Demand:** 1199 A
Lighting	34.8 kVA	100.00%	34.8 kVA	
HVAC	232.7 kVA	100.00%	232.7 kVA	
MISC EQUIP	18.9 kVA	100.00%	18.9 kVA	
HVAC Demand	415.0 kVA	100.00%	415.0 kVA	

Notes:

Branch Panel: EMDP (SEC3)

Location:
Supply From: EMDP (SEC2)
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 1600 A
Device Rating: 1600 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				17.3									2
3	ATS LS (LSI trip)	150 A	3			19.0							4
5								19.6					6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
			Total Load:	40.7 kVA		42.5 kVA		43.1 kVA					
			Total Amps:	147 A		154 A		156 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	43.2 kVA	125.00%	54.0 kVA	
Other	0.0 kVA	0.00%	0.0 kVA	**Total Conn. Load:** 126.3 kVA
EX	76.0 kVA	125.00%	95.0 kVA	**Total Est. Demand:** 154.6 kVA
Lighting	11.7 kVA	100.00%	11.7 kVA	**Total Conn.:** 152 A
MISC EQUIP	1.2 kVA	100.00%	1.2 kVA	**Total Est. Demand:** 186 A

Notes:

Branch Panel: EMDP (SEC4)

Location:
Supply From: EMDP (SEC3)
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 1600 A
Device Rating: 1600 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				25.3									2
3	ATS RL	250 A	3			25.3							4
5								25.3					6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
			Total Load:	25.3 kVA		25.3 kVA		25.3 kVA					
			Total Amps:	91 A		91 A		91 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
EX	76.0 kVA	125.00%	95.0 kVA	
				Total Conn. Load: 76.0 kVA
				Total Est. Demand: 95.0 kVA
				Total Conn.: 91 A
				Total Est. Demand: 114 A

Notes:

Branch Panel: 2SBC1

Location: MDF 206
Supply From: 2SBL2
Mounting: Surface
Enclosure: 1

Volts: 208/120V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MCB
Mains Rating: 100 A
Device Rating: 100 A MCB

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				0.0	1.3								2
3	SPD (NOTE 1)	30 A	3			0.0	1.3			2	30 A	RCPT MDF RACK 1	4
5								0.0	1.3				6
7	RCPT MDF RM	20 A	1	0.4	1.3					2	30 A	RCPT MDF RACK 2	8
9	SEC QUAD RECEP Off 218	20 A	1			0.4	1.3						10
11	SECURITY PNL 1 RM 206	20 A	1					0.4	1.3	2	30 A	RCPT MDF RACK 3	12
13	SECURITY PNL 2 RM 206	20 A	1	0.4	1.3								14
15	RCPT Paging System Rack	20 A	1			0.4	1.3			2	30 A	RCPT MDF RACK 4	16
17	SPARE	20 A	1					0.0	0.0				18
19	SPARE	20 A	1	0.0	0.0					2	30 A	SPARE	20
21	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	22
23	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	24
25	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	26
27	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	28
29	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	30
			Total Load:	4.4 kVA		4.5 kVA		2.8 kVA					
			Total Amps:	39 A		39 A		23 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	11.1 kVA	95.13%	10.5 kVA	
MISC EQUIP	0.7 kVA	100.00%	0.7 kVA	**Total Conn. Load:** 11.7 kVA
				Total Est. Demand: 11.2 kVA
				Total Conn.: 32 A
				Total Est. Demand: 31 A

Notes:
1. COORDINATE BREAKER SIZE WITH SPD MFR AND PROVIDE ACCORDINGLY.

Branch Panel: 1SBL1

Location: EMERG. ELECTRICAL 209
Supply From: T-1SBL1
Mounting: Surface
Enclosure: 1

Volts: 208/120V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MCB
Mains Rating: 150 A
Device Rating: 150 A MCB

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	RCPT PSR Rm	20 A	1	0.7	2.0					2	25 A	CU-2 /AC-2	2
3	RCPT IDF RACK 1	30 A	2			1.3	2.0						4
5								1.3	1.1	2	25 A	CU-3 /AC-3	6
7	RCPT IDF RACK 2	30 A	2	1.3	1.1								8
9						1.3	0.5			1	20 A	RCPT TSA 1st Fl Gen	10
11	RCPT IDF RACK 3	30 A	2					1.3	0.4	1	20 A	RCPT IDF RM Backboards	12
13				1.3	0.4					1	20 A	RCPT TSA BREAK RM	14
15	RCPT IDF RACK 4	30 A	2			1.3	0.7			1	20 A	RCPT TSA BREAK RM Refrigerator	16
17								1.3	1.0	1	20 A	RCPT TSA BREAK RM Disposal	18
19	RCPT TSA WTMD	15 A	1	0.5	0.7					1	20 A	RCPT TSA 126 Comp	20
21	RCPT TSA CONVEYOR (NOTE 1)	20 A	1			0.5	0.7			1	20 A	RCPT 1st Fl TSA Offices Comp	22
23	RCPT TSA CT SCANNER (NOTE 1)	20 A	2					0.5	0.2	1	20 A	RCPT TSA TDC PODIUMS 2	24
25				0.5	0.5					1	20 A	RCPT 1st Fl TSA Offices Comp	26
27	RCPT TSA PVS/CONV	20 A	1			0.5	0.2			1	20 A	RCPT TSA TDC PODIUMS 1	28
29	RCPT TSA AIT (NOTE 1)	20 A	1					0.5	0.2	1	20 A	RCPT STSO Comp	30
31	RCPT TSA FUTURE/CONV	20 A	1	1.9	0.2					1	20 A	RCPT TSA TDC PODIUMS 4	32
33	RCPT TSA ETD/CONV	20 A	1			0.5	0.7			1	20 A	RECEPTACLE	34
35	RCPT TSA AT BAG SCREEN	30 A	1					0.9	0.2	1	20 A	RCPT PSR RM	36
37	RCPT TSA TDC PODIUMS 3	20 A	1	0.2	0.2					1	20 A	RCPT 1st FL EXIT CORRIDOR	38
39	RCPT IDF RM, MDF RM	20 A	1			0.9	0.7			1	20 A	RCPT CHECKPOINT	40
41	RCPT DURESS ALARM	20 A	1					0.4	0.2	1	20 A	RCPT PSR RM DESK	42
			Total Load:	15.6 kVA		15.6 kVA		11.7 kVA					
			Total Amps:	135 A		135 A		98 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	0.2 kVA	100.00%	0.2 kVA	
Receptacle	27.2 kVA	68.38%	18.6 kVA	**Total Conn. Load:** 42.8 kVA
HVAC	8.6 kVA	100.00%	8.6 kVA	**Total Est. Demand:** 34.3 kVA
MISC EQUIP	8.1 kVA	100.00%	8.1 kVA	**Total Conn.:** 119 A
				Total Est. Demand: 95 A

Notes:
1. BREAKER HANDLES SHALL BE COMPLY WITH NEC ART. 210.7.

Branch Panel: 2SBH4

Location: ELEC 208
Supply From: 2SBHDP
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 225 A
Device Rating: 225 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	FFC-1,66	20 A	1	3.0	2.0					1	20 A	FFC-2	2
3	FFC-3	20 A	1			2.0	2.8			1	20 A	FFC-4	4
5	SPARE	20 A	1					0.0	2.8	1	20 A	FFC-6	6
7	FFC-7	20 A	1	2.8	1.4					1	20 A	FFC-8	8
9	FFC-63,64,65	20 A	1			2.3	2.8			1	20 A	FFC-10	10
11	FFC-11	20 A	1					2.8	2.8	1	20 A	FFC-12	12
13	SPARE	20 A	1	0.0	1.4					1	20 A	FFC-14	14
15	SPARE	20 A	1			0.0	1.4			1	20 A	FFC-16	16
17	FFC-17	20 A	1					1.4	0.0	1	20 A	SPARE	18
19	FFC-19	20 A	1	1.4	0.0					1	20 A	SPARE	20
21	FFC-21	20 A	1			1.4	2.8			1	20 A	FFC-22	22
23	FFC-23	20 A	1					2.8	0.0	1	20 A	SPARE	24
25	FFC-25	20 A	1	2.8	2.8					1	20 A	FFC-26	26
27	SPARE	20 A	1			0.0	1.4			1	20 A	FFC-28	28
29	FFC-29	20 A	1					2.8	2.8	1	20 A	FFC-30	30
31	FFC-31	20 A	1	1.4	3.0					1	20 A	FFC-32, 33	32
33	SPARE	20 A	1			0.0	3.0			1	20 A	FFC-34, 35	34
35	SPARE	20 A	1					0.0	2.0	1	20 A	FFC-36	36
37	FFC-37	20 A	1	2.0	2.0					1	20 A	FFC-38	38
39	FFC-39	20 A	1			2.0	2.0			1	20 A	FFC-40	40
41	FFC-41	20 A	1					2.0	2.0	1	20 A	FFC-42	42
			Total Load:	38.0 kVA		36.7 kVA		38.0 kVA					
			Total Amps:	138 A		132 A		138 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC Demand	112.7 kVA	100.00%	112.7 kVA	
				Total Conn. Load: 112.7 kVA
				Total Est. Demand: 112.7 kVA
				Total Conn.: 136 A
				Total Est. Demand: 136 A

Notes:

Branch Panel: 2SBH4 SEC2

Location: ELEC 208
Supply From: 2SBH4
Mounting: Surface
Enclosure: 1

Volts: 480/277V Y
Phases: 3
Wires: 4

A.I.C. Rating: SEE ONE LINE
Mains Type: MLO
Mains Rating: 225 A
Device Rating: 225 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	FFC-43	20 A	1	2.0	2.0					1	20 A	FFC-44	2
3	FFC-45	20 A	1			2.0	2.8			1	20 A	FFC-46	4
5	FFC-47	20 A	1					2.8	2.0	1	20 A	FFC-48	6
7	FFC-49	20 A	1	2.0	2.0					1	20 A	FFC-50	8
9	FFC-51	20 A	1			2.0	2.0			1	20 A	FFC-52	10
11	FFC-53	20 A	1					2.0	2.0	1	20 A	FFC-54	12
13	FFC-55	20 A	1	2.0	2.0					1	20 A	FFC-56	14
15	FFC-57	20 A	1			2.0	2.0			1	20 A	FFC-58	16
17	FFC-59	20 A	1					2.0	3.0	1	20 A	FFC-61,62	18
19	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	20
21	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	22
23	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	24
25	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	26
27	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	28
29	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	30
31	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	32
33	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	34
35	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	36
37	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	38
39	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	40
41	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	42
			Total Load:	12.0 kVA		12.8 kVA		13.8 kVA					
			Total Amps:	43 A		47 A		50 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC Demand	38.6 kVA	100.00%	38.6 kVA	
				Total Conn. Load: 38.6 kVA
				Total Est. Demand: 38.6 kVA
				Total Conn.: 46 A
				Total Est. Demand: 46 A

Notes:

Branch Panel: 1SBL1 SEC2

Location: EMERG. ELECTRICAL 209
Supply From: 1SBL1
Mounting: Surface
Enclosure: 1

Volts: 208/120V Y
Phases: 3
Wires: 4

A.I.C. Rating: 14kAIC
Mains Type: MLO
Mains Rating: 150 A
Device Rating: 150 A MLO

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	RCPT TSA PVS (FUTURE)	20 A	1	0.5	0.5					1	15 A	RCPT TSA WTMD (FUTURE)	2
3	RCPT TSA CONVEINCE (FUTURE)	20 A	1			0.5	0.9			1	20 A	RCPT TSA CONVEYOR (NOTE 1) (FUTURE)	4
5	RCPT TSA ETD/CONV (FUTURE)	20 A	1					0.5	0.5	2	20 A	RCPT TSA CT SCANNER (NOTE 1) (FUTURE)	6
7	RCPT TSA AIT (NOTE 1) (FUTURE)	20 A	1	0.5	0.5								8
9	RCPT Office 200,201 General	20 A	1			0.9	0.7			1	20 A	RCPT Office 200, 201 Comp	10
11	RCPT Rm 142 Quad 2	20 A	1					0.4	0.4	1	20 A	RCPT Rm 142 Quad	12
13	IDF RACK QUAD RCPT	20 A	1	0.4	0.9					1	20 A	RCPT 1st FI TSA Open Office	14
15	IDF RACK QUAD RCPT 2	20 A	1			0.4	0.2			1	20 A	RCPT TSA ETD/AVS STATION 2 mid (FUTURE)	16
17	RCPT 1st FI STSO Gen	20 A	1					0.2	0.2	1	20 A	RCPT TSA ETD/AVS STATION mid	18
19	FCU-6,7	15 A	2	0.4	0.4					1	20 A	SECURITY PNL RM 211	20
21						0.4	0.0			1	20 A	SPARE	22
23	FCU-3,5,8	15 A	2					0.8	0.0	1	20 A	SPARE	24
25				0.8	0.0					1	20 A	SPARE	26
27	FCU-6,7 COND PUMPS	20 A	1			0.2	0.0			1	20 A	SPARE	28
29	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	30
31	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	32
33	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	34
35	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	36
37	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	38
39	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	40
41	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	42
			Total Load:	4.7 kVA		4.1 kVA		2.8 kVA					
			Total Amps:	41 A		36 A		24 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	0.2 kVA	100.00%	0.2 kVA	
Receptacle	6.9 kVA	100.00%	6.9 kVA	**Total Conn. Load:** 11.6 kVA
HVAC	2.4 kVA	100.00%	2.4 kVA	**Total Est. Demand:** 11.6 kVA
MISC EQUIP	2.5 kVA	100.00%	2.5 kVA	**Total Conn.:** 32 A
				Total Est. Demand: 32 A

Notes:
1. BREAKER HANDLES SHALL BE COMPLY WITH NEC ART. 210.7.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI
No. 17621
LICENSED PROFESSIONAL ENGINEER
06/05/24

EMDP (SEC3)
1SBL1
2SBH4
2SBH4 SEC2
1SBL1 SEC2

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
PANEL SCHEDULES
BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E6.103

Mechanical Equipment Connection Schedule

Equipment	Equipment #	Description	Panel - Circuit #	Voltage	Phase	Circuit Breaker	Conductor Size	Ground	Conduit Size	FLA	MCA	HP	Watts	Disc. Switch/Poles/Fuse/Encl.	FUSE	Level	Comments
AC	1	Air Conditioning Unit		208 V	1		2-14 AWG	1-12 AWG	3/4"C	0.6 A	1 A			FDS		LEVEL 1	CONNECT TO CU-1
AC	2	Air Conditioning Unit		208 V	1		2-14 AWG	1-12 AWG	3/4"C	0.6 A	1 A			FDS		LEVEL 2	CONNECT TO CU-2
AC	3	Air Conditioning Unit		208 V	1		2-14 AWG	1-12 AWG	3/4"C	0.6 A	1 A			FDS		LEVEL 2	CONNECT TO CU-3
AC	4A	Air Conditioning Unit		208 V	1		2-14 AWG	1-12 AWG	3/4"C	0.6 A	1 A			FDS		LEVEL 2	CONNECT TO CU-4A
AC	4B	Air Conditioning Unit		208 V	1		2-14 AWG	1-12 AWG	3/4"C	0.6 A	1 A			FDS		LEVEL 2	CONNECT TO CU-4B
AC	5A	Air Conditioning Unit		208 V	1		2-14 AWG	1-12 AWG	3/4"C	0.6 A	1 A			FDS		LEVEL 2	CONNECT TO CU-5A
AC	5B	Air Conditioning Unit		208 V	1		2-14 AWG	1-12 AWG	3/4"C	0.6 A	1 A			FDS		LEVEL 2	CONNECT TO CU-5B
AC	6	Air Conditioning Unit		208 V	1		2-14 AWG	1-12 AWG	3/4"C	0.6 A	1 A			FDS		LEVEL 2	CONNECT TO CU-6
AHU	1	Air Handler Unit	2SBH1-7,9,11	480 V	3	25A-3P	3-10 AWG	1-10 AWG	3/4"C	16.4 A	21 A			VFD		LEVEL 2	
AHU	2	Air Handler Unit	2SBH1-13,15,17	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	11.0 A	14 A			VFD		LEVEL 2	
ARS	1	Muffin Monster Grinder Pump	2SBH1-26,28,30	480 V	3	15A-3P	3-12 AWG	1-12 AWG	3/4"C	4.8 A	6 A	3		INTEGRAL		LEVEL 1	
BC	1A	Branch Controller	2SBL1-8,10	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	1.6 A	2 A			FDS	15	LEVEL 2	
BC	1B	Branch Controller	2SBL1-12,14	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	0.8 A	1 A			FDS	15	LEVEL 2	
CU	1	Condensing Unit	2SBL1-2,4	208 V	1	30A-2P	2-10 AWG	1-10 AWG	3/4"C	25.0 A	31 A			FDS	30	LEVEL 1	
CU	2	Condensing Unit	1SBL1-2,4	208 V	1	25A-2P	2-10 AWG	1-10 AWG	3/4"C	19.0 A	24 A			FDS	25A	LEVEL 2	
CU	3	Condensing Unit	1SBL1-6,8	208 V	1	25A-2P	2-10 AWG	1-10 AWG	3/4"C	11.0 A	14 A			FDS	15	LEVEL 2	
CU	4A	Condensing Unit	2SBL1-9,11	208 V	1	25A-2P	2-10 AWG	1-10 AWG	3/4"C	19.0 A	24 A			FDS	25	LEVEL 2	
CU	4B	Condensing Unit	2SBL1-13,15	208 V	1	25A-2P	2-10 AWG	1-10 AWG	3/4"C	19.0 A	24 A			FDS	25	LEVEL 2	
CU	5A	Condensing Unit	2SBL1-17,19	208 V	1	25A-2P	2-10 AWG	1-10 AWG	3/4"C	19.0 A	24 A			FDS	25	LEVEL 2	
CU	5B	Condensing Unit	2SBL1 SEC2-16,18	208 V	1	25A-2P	2-10 AWG	1-10 AWG	3/4"C	19.0 A	24 A			FDS	25	LEVEL 2	
CU	6	Condensing Unit	2SBL1-21,23	208 V	1	25A-2P	2-10 AWG	1-10 AWG	3/4"C	11.0 A	14 A			FDS	15	LEVEL 2	
EF	1	Exhaust Fan	2SBL1-34	120 V	1	15A-1P	2-12 AWG	1-12 AWG	3/4"C	6.6 A	8 A	0.25		FDS	15A	LEVEL 2	
ERU	1	Outside Air System Heat	2SBHDP-32,34,36	480 V	3	125A-3P	3-1/0 AWG	1-6 AWG	2"C	113.0 A	141 A			FDS	125A	LEVEL 2	117 MCA
FCU	1	Air Conditioning Unit	2SBL1-25,27	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.3 A	3 A			FDS	15	LEVEL 1	
FCU	1DH	Duct Heater	2SBH2-1,3,5	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	9.6 A	12 A		8000	FDS	20A	LEVEL 1	
FCU	2	Air Conditioning Unit	2SBL1-25,27	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.4 A	3 A			FDS	15	LEVEL 1	
FCU	2DH	Duct Heater	2SBH2-2,4,6	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	4.8 A	6 A		4000	FDS	20A	LEVEL 1	
FCU	3	Air Conditioning Unit	1SBL1 SEC2-23,25	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.3 A	3 A			FDS	15	LEVEL 1	
FCU	3DH	Duct Heater	2SBH2-7,9,11	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	9.6 A	12 A		8000	FDS	20A	LEVEL 1	
FCU	4	Air Conditioning Unit	2SBL1-25,27	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	3.5 A	4 A			FDS	15	LEVEL 1	
FCU	4DH	Duct Heater	2SBH2-8,10,12	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	13.2 A	17 A		11000	FDS	20A	LEVEL 1	
FCU	5	Air Conditioning Unit	1SBL1 SEC2-23,25	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.4 A	3 A			FDS	15	LEVEL 1	
FCU	5DH	Duct Heater	1SBH1-2,4,6	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	4.8 A	6 A		4000	FDS	20A	LEVEL 1	
FCU	6	Air Conditioning Unit	1SBL1 SEC2-19,21	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	1.7 A	2 A			FDS	15	LEVEL 1	
FCU	6DH	Duct Heater	2SBH2-13,15,17	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	3.6 A	5 A		3000	FDS	20A	LEVEL 1	
FCU	7	Air Conditioning Unit	1SBL1 SEC2-19,21	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	1.7 A	2 A			FDS	15	LEVEL 1	
FCU	7DH	Duct Heater	1SBH1-8,10,12	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	3.6 A	5 A		3000	FDS	20A	LEVEL 1	
FCU	8	Air Conditioning Unit	1SBL1 SEC2-23,25	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	3.4 A	4 A			FDS	15	LEVEL 1	
FCU	8DH	Duct Heater	1SBH1-14,16,18	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	7.2 A	9 A		6000	FDS	20A	LEVEL 1	
FCU	9	Air Conditioning Unit	2SBL1-16,18	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.4 A	3 A			FDS	15	LEVEL 2	
FCU	9DH	Duct Heater	2SBH2-14,16,18	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	4.8 A	6 A		4000	FDS	20A	LEVEL 2	
FCU	10	Air Conditioning Unit	2SBL1-29,31	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.3 A	3 A			FDS	15	LEVEL 2	
FCU	10DH	Duct Heater	2SBH2-19,21,23	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	7.2 A	9 A		6000	FDS	20A	LEVEL 2	
FCU	11	Air Conditioning Unit	2SBL1-29,31	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.3 A	3 A			FDS	15	LEVEL 2	
FCU	11DH	Duct Heater	2SBH2-20,22,24	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	7.2 A	9 A		6000	FDS	20A	LEVEL 2	
FCU	12	Air Conditioning Unit	2SBL1-29,31	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	1.4 A	2 A			FDS	15	LEVEL 2	
FCU	12DH	Duct Heater	2SBH2-25,27,29	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	9.6 A	12 A		8000	FDS	20A	LEVEL 2	
FCU	13	Air Conditioning Unit	2SBL1-28,30	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.3 A	3 A			FDS	15	LEVEL 2	
FCU	13DH	Duct Heater	2SBH2-26,28,30	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	6.0 A	8 A		5000	FDS	20A	LEVEL 2	
FCU	14	Air Conditioning Unit	2SBL1-29,31	208 V	1	15A-2P	2-12 AWG	1-12 AWG	3/4"C	2.3 A	3 A			FDS	15	LEVEL 2	
FCU	14DH	Duct Heater	2SBH2-32,34,36	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	7.2 A	9 A		6000	FDS	20A	LEVEL 2	
FH	1	Floor Heat	2SBH1 SEC2-2,4,6	480 V	3	30A-3P	4-10 AWG	1-10 AWG	3/4"C	18.0 A	23 A			INTEGRAL		LEVEL 1	
HP	1a	Heat Pump	2SBH1-2,4,6	480 V	3	35A-3P	3-8 AWG	1-10 AWG	1"C	21.0 A	26 A			FDS	35	LEVEL 2	
HP	1b	Heat Pump	2SBH1-8,10,12	480 V	3	35A-3P	3-8 AWG	1-10 AWG	1"C	21.0 A	26 A			FDS	35	LEVEL 2	
HP	2a	Heat Pump	2SBH1 SEC2-32,34,36	480 V	3	35A-3P	3-8 AWG	1-10 AWG	1"C	21.0 A	26 A			FDS	35	LEVEL 2	
HP	2b	Heat Pump	2SBH1 SEC2-38,40,42	480 V	3	35A-3P	3-8 AWG	1-10 AWG	1"C	21.0 A	26 A			FDS	35	LEVEL 2	
HP	3a	Heat Pump	2SBH1 SEC3-1,3,5	480 V	3	35A-3P	3-8 AWG	1-10 AWG	1"C	21.0 A	26 A			FDS	35	LEVEL 2	
HP	3b	Heat Pump	2SBH1 SEC3-7,9,11	480 V	3	35A-3P	3-8 AWG	1-10 AWG	1"C	21.0 A	26 A			FDS	35	LEVEL 2	
HPWH	1	Water Heater	2SBL1-24	120 V	1	20A-1P	2-12 AWG	1-12 AWG	3/4"C	15.0 A	19 A			RECEPTACLE		LEVEL 1	
HR	1Aa	Heat Pump	2SBH1-14,16,18	480 V	3	35A-3P	3-8 AWG	1-10 AWG	1"C	21.0 A	26 A			FDS	35	LEVEL 2	
HR	1Ab	Heat Pump	2SBH1-20,22,24	480 V	3	35A-3P	3-8 AWG	1-10 AWG	1"C	21.0 A	26 A			FDS	35	LEVEL 2	
HR	1Ba	Heat Pump	2SBH1 SEC2-20,22,24	480 V	3	25A-3P	3-10 AWG	1-10 AWG	3/4"C	17.0 A	21 A			FDS	25	LEVEL 2	
HR	1Bb	Heat Pump	2SBH1 SEC2-26,28,30	480 V	3	25A-3P	3-10 AWG	1-10 AWG	3/4"C	17.0 A	21 A			FDS	25	LEVEL 2	
HTP	1	Heat Trace Dist Panel	2SBHDP-26,28,30	480 V	3	225A-3P	4-4/0 AWG	1-4 AWG	2 1/2" C	42.1 A	53 A		35000	INTEGRAL		LEVEL 2	HEAT TRACE PANEL AND CABLE BY MECH CONTRACTOR
HWCP	1	Recirculating Pump	2SBL1-26	120 V	1	20A-1P	2-12 AWG	1-12 AWG	3/4"C	4.4 A	6 A			30A Motor-Rated Toggle		LEVEL 1	
IWH	1	Instantaneous Water Heater	2SBH1 SEC2-8	277 V	1	50A-1P	2-6 AWG	1-10 AWG	3/4"C	40.0 A	50 A		11000	FDS	50A	LEVEL 1	
IWH	2	Instantaneous Water Heater	2SBH1 SEC2-10	277 V	1	50A-1P	2-6 AWG	1-10 AWG	3/4"C	40.0 A	50 A		11000	FDS	50A	LEVEL 1	
IWH	3	Instantaneous Water Heater	2SBH1 SEC2-12	277 V	1	50A-1P	2-6 AWG	1-10 AWG	3/4"C	40.0 A	50 A		11000	FDS	50A	LEVEL 2	
SEP	1	Sewage Ejector Pump	2SBH1-19,21,23	480 V	3	20A-3P	4-12 AWG	1-12 AWG	3/4"C	3.4 A	4 A	0		FDS	15A	LEVEL 1	PROVIDE CONNECTION FROM CONTROL PANLE TO PUMPS, LEVEL SENSORS, AND BMS.
SP	1	Sump Pump	2SBL1-6	120 V	1	20A-1P	2-12 AWG	1-12 AWG	3/4"C	5.2 A	7 A	0.3		RECEPTACLE	20A	LEVEL 1	
UH	1	Unit Heater	2SBH1 SEC2-1,3,5	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	3.6 A	5 A		3000	INTEGRAL		LEVEL 1	
UH	2	Unit Heater	2SBH1-32,34,36	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	4.1 A	5 A		3300	INTEGRAL		LEVEL 1	
UH	3A	Unit Heater	2SBH1 SEC2-7,9,11	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	5.2 A	6 A		4300	FDS	20A	LEVEL 1	
UH	3B	Unit Heater	2SBH1 SEC2-7,9,11	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	5.2 A	6 A		4300	FDS	20A	LEVEL 1	
UH	3C	Unit Heater	2SBH1 SEC2-7,9,11	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	5.2 A	6 A		4300	FDS	20A	LEVEL 1	
UH	4	Unit Heater	2SBH1-38,40,42	480 V	3	20A-3P	3-12 AWG	1-12 AWG	3/4"C	3.6 A	5 A		3000	INTEGRAL		LEVEL 1	

GENERAL NOTES
A. PROVIDE BREAKER/FUSE SIZE BASED ON MOP OF UNIT PROVIDED IN SHOP DRAWINGS.
B. PROVIDE CIRCUIT SIZE BASED ON MCA OF UNIT PROVIDED IN SHOP DRAWINGS.
C. PROVIDE DISCONNECT SWITCHES FOR UNIT NOT PROVIDED WITH INTEGRAL DISCONNECTS.
D. REFER TO SHEET E2.101 AND E2.102 FOR LOCATIONS AND CIRCUITING OF FIRE SMOKE DAMPERS.
E. PROVIDE DDC PANELS WITH 120V CIRCUIT FROM CRITICAL BUS.

LIGHTING CONTROLS MATRIX - (ASHRAE 90.1 - 2016)

Space Type	Occupancy Sensor				Time Clock			Wall Switch					Daylight Sensor			Other		
Room Types	Sensor Mode	Auto On Level	Sensor Timeout	Dual Technology	Scheduled On	Scheduled Off	Override Switch	Manual (On/Off)	Manual Dimming	Key Switch	Scene Control	Graphical Touchscreen	Switching (On/Off)	Dimming	Target Light Level (FC)	Exterior Location	Plug Load Controls	Notes
Private Office	Vacancy	50%	10 min	X				X	X				X	X	50		X	1
Open Office	Occupancy	50%	10 min	X				X	X				X	X	50		X	1
Conf./Multipurp.	Vacancy	50%	10 min	X				X	X				X	X	50		X	1
Breakrm./Lounge	Vacancy	50%	10 min	X				X	X				X	X	30		X	1
Lobby	Occupancy	100%	10 min					X					X	X	30			3
Corridor	Occupancy	100%	15 min					X					X	X	30			3
Stairwell	Occupancy	100%	15 min															2
Private Restroom	Vacancy		10 min					X										
Public Restroom	Occupancy	100%	10 min	X														3
Storage/Janitor	Vacancy		10 min	X				X										
Elec/Mech Rms								X										
Parking/Facades					16:00	6:00	X						X	X		X		4

Notes:
1. Lights shall Auto turn ON at 50%, allow full dimming, and Auto turn OFF when the space is vacant and lighting has not been turned Off by the occupant.
2. Lights shall Auto turn ON at 100%, DIM to 30% when unoccupied, and Auto turn OFF after 5 min. of additional vacancy.
3. Lights shall Auto turn ON at 100%, DIM to 50% when unoccupied, during scheduled times. Lights shall Auto turn ON at 100%, DIM to 50% when unoccupied, and Auto turn OFF after 5 min. of additional vacancy, during override.
4. Lights shall turn ON during schedule with astronomical timer or photocell, DIM to 50% from 0:00 to 6:00, and turn OFF as scheduled or daylight.

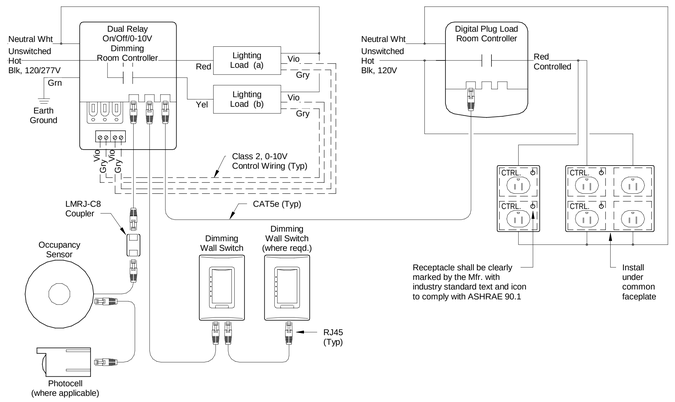
1 LIGHTING CONTROL MATRIX
Scale: None

Lighting Fixture Schedule

Type	Lamp	Voltage	Wattage	Manufacturer	Model	Description
F1	LED	277 V	94	MCGRAW EDISON	GFLD-SA3B-740-U-MWR-Y-DIM-VSR	High Lumen Floodlight 14,000 Lumen Package 4000K CCT Type MFL Distribution with WG guard
F2	LED	277 V	172	COOPER	IFD-L-SA8C940U-66-ADJA	APRON FLOOD LUMINAIRE 90 CRI, 4000K, 8 SQUARE LEDS AND NEMA 6X6 OPTICS, 60' POLE
L-00	LED	277 V	30W	COOPER	4SNLED-LD5-41SL-LN-UNV-L835-CD1-AYC	4'-0" LENSED LED STRIP LIGHT, SEMI-FROSTED ROUND RIBBED LENS, CHAIN HUNG IN ELEC/MECH ROOMS AT 9'-0"
L-00E	LED	277 V	30W	COOPER	4SNLED-LD5-41SL-LN-UNV-L835-CD1-SYC-EL14W	4'-0" LENSED LED STRIP LIGHT, SEMI-FROSTED ROUND RIBBED LENS, CHAIN HUNG IN ELEC/MECH ROOMS WITH EM BATTERY AT 9'-0"
L-01	LED	277 V	3.4W /ft	COOPER	S121-DR-LO-35-FSR-XX-1-DD-1-W	1in LINEAR CONTINUOUS RECESSED, DIRECT ILLUMINATION, SATIN FLUSH LENS, WHITE STEEL HOUSING, 0-10V DIMMABLE, REMOTE DRIVER, RUN LENGTH PER PLANS
L-02	LED	277 V	13W	COOPER	L2G-815MED-10-WF-935-MB-277	LIGHT TRACK, 2 ARCHITECTURAL CYLINDER HEADS, MATTE BLACK,60deg FLOOD, 0-10V DIMMING, 1000LM, TRACK LENGTH PER PLANS
L-03A	LED	277 V	80W	METEOR LTG	ATRIA AS8-80-358-STV-WD-BLK-GLR-STX-CT	8in CYLINDER PENDANT, 23in TALL, DIE-CAST ALUMINUM, WIDE OPTICS, GLOW RING, ADJUSTABLE STEM MOUNT, CONDUIT BOX, 0-10V DIMMABLE, CUSTOM STEM LENGTH
L-03B	LED	277 V	40W	METEOR LTG	ATRIA AS8-40-358-STV-WD-BLK-GLR-STX-CT	8in CYLINDER PENDANT, 23in TALL, DIE-CAST ALUMINUM, WIDE OPTICS, GLOW RING, ADJUSTABLE STEM MOUNT, CONDUIT BOX, 0-10V DIMMABLE, CUSTOM STEM LENGTH
L-04	LED	277 V	30W	COOPER	LDA4A-18-835-D010TE-LAR35FL-4LAL1-LI-WF	4in ROUND DOWNLIGHT, ADJUSTABLE SLOPE CEILING, LOCKABLE ROTATION/TILT, 35deg SPECULAR CLEAR SPUN ALUMINUM REFLECTOR, SELF FLANGED WHITE TRIM, 0-10V DIMMABLE
L-05	LED	277 V	7.2W /ft	LUMINII	M-REC-XX-35K-VHO-LT-WH-CR-INT010277	4in LINEAR COVE CONTINUOUS, DIRECT ILLUMINATION, WHITE STEEL HOUSING, 0-10V DIMMABLE, LENGTH PER PLANS
L-06	LED	277 V	3.0W /ft	COOPER	S124RDRP-S350D-835-GYP-xxF0-1-DD-F-W	4in LINEAR PERIMETER CONTINUOUS, WHITE STEEL HOUSING, MATTE ACRYLIC REGRESSED LENS, 0-10V DIMMABLE, RUN LENGTH PER PLANS
L-07A	LED	277 V	24.2W	COOPER	22CZ2-32-S-PAF-L835-CD1	ARCHITECTURAL TROFFER, RECESSED, SMOOTH FROSTED ACRYLIC BASKET LENS, 0-10V DIMMABLE, PAINT AFTER FABRICATION
L-07B	LED	277 V	31.0W	COOPER	22CZ2-39-S-PAF-L835-CD1	ARCHITECTURAL TROFFER, RECESSED, SQUARE RIBBED FROSTED ACRYLIC BASKET LENS, CRS WHITE HOUSING, 0-10V DIMMABLE, PAINT AFTER FABRICATION
L-07C	LED	277 V	16.2W	COOPER	22CZ2-20-S-PAF-L835-CD1	ARCHITECTURAL TROFFER, RECESSED, SQUARE RIBBED FROSTED ACRYLIC BASKET LENS, CRS WHITE HOUSING, 0-10V DIMMABLE, PAINT AFTER FABRICATION
L-08A	LED	277 V	3.0W /ft	COOPER	S124DR-S350D-835-xxF0-1-DD-F-W	4in LINEAR CONTINUOUS, RECESSED, DIRECT ILLUMINATION, SATIN FLUSH LENS, WHITE STEEL HOUSING, 0-10V DIMMABLE, RUN LENGTH PER PLANS
L-08B	LED	277 V	4.8W /ft	COOPER	S124DR-S575D-835-4F0-1-DD-F-W	4in LINEAR CONTINUOUS, RECESSED, DIRECT ILLUMINATION, SATIN FLUSH LENS, WHITE STEEL HOUSING, 0-10V DIMMABLE, CEILING TYPE PER PLANS
L-08C	LED	277 V	6.8W /ft	COOPER	S124DR-S795D-835-4F0-DD-F-W	4in LINEAR CONTINUOUS, RECESSED, DIRECT ILLUMINATION, SATIN FLUSH LENS, WHITE STEEL HOUSING, 0-10V DIMMABLE, CEILING TYPE PER PLANS
L-08D	LED	277 V	10.6W /ft	COOPER	S124DR-D1195D-835-xxF0-1-DD-F-W	4in LINEAR CONTINUOUS, RECESSED, DIRECT ILLUMINATION, SATIN FLUSH LENS, WHITE STEEL HOUSING, 0-10V DIMMABLE, RUN LENGTH PER PLANS
L-08V	LED	277 V	24.0W	COOPER	S124DR-S350D-835-xxF0-1-DD-F-W	4in LINEAR VERTICAL CONTINUOUS, RECESSED, DIRECT ILLUMINATION, SATIN FLUSH LENS, WHITE STEEL HOUSING, 0-10V DIMMABLE, VERTICAL CONNECTORS, RUN LENGTH PER PLANS
L-09A	LED	277 V	6.5W	COOPER	HC4-05-D010-HM4-0525-835-41WD-C-WF	4in ROUND DOWNLIGHT, 75deg SPECULAR CLEAR SPUN ALUMINUM REFLECTOR, SELF FLANGED WHITE TRIM, 0-10V DIMMABLE, 500LM
L-09B	LED	277 V	14.5W	COOPER	HC4-15-D010-HM4-0525-835-41WD-C-WF	4in ROUND DOWNLIGHT, 75deg SPECULAR CLEAR SPUN ALUMINUM REFLECTOR, SELF FLANGED WHITE TRIM, 0-10V DIMMABLE, 1500LM
L-09C	LED	277 V	20.6W	COOPER	HC4-20-D010-HM4-0525-835-41WD-C-WF	4in ROUND DOWNLIGHT, 75deg SPECULAR CLEAR SPUN ALUMINUM REFLECTOR, SELF FLANGED WHITE TRIM, 0-10V DIMMABLE, 2000LM
L-09D	LED	277 V	27.5W	COOPER	HC4-25-D010-HM4-0525-835-41MD-C-WF	4in ROUND DOWNLIGHT, 60deg SPECULAR CLEAR SPUN ALUMINUM REFLECTOR, SELF FLANGED WHITE TRIM, 0-10V DIMMABLE, 2500LM
L-10	LED	277 V	22.5W	LUMINII	855-A90-645-35-07-00-01-01-XX-LCS-277	3 HEAD LED TRACK LIGHT WITH TRACK , 10-10V DIMMING, 90 CRI
L-12	LED	277 V	20W	COOPER	HCC4S20D010MW-HM40525835-41WDH	CANOPY LED 4" CYLINDER DOWNLIGHT 20W
L-13	LED	277 V	42.5W	COOPER	4BCLED-LD4-40SL-F-UNV-L835-CD1	4' WALL BRACKET LED FROSTED LENS
S1	LED	277 V	31W	BEGA	B77175K4	SYMETRICAL LED DECORATIVE POLE TOP LIGHT WITH 12' MOUNTING HEIGHT POLE
S14	LED	277 V	274W	COOPER	PRV-M-PA6A-740-T4W-SA-HSS	AREA LUMINAIRE, DIE-CAST ALUMINUM, TETHERED DOOR, MOLDED TYPE 4 WIDE OPTICS, SIDE SHIELDS, 30' POLE
S15	LED	277 V	274W	COOPER	PRV-M-PA6A-740-5WQ-SA	AREA LUMINAIRE, DIE-CAST ALUMINUM, TETHERED DOOR, MOLDED TYPE 5 WIDE SQUARE OPTICS, 30' POLE
S25	LED	277 V	548W	COOPER	(1) PRV-M-PA6A-740-5WQ-SA & (1) PRV-M-PA6A-740-T3-SA-HSS	AREA LUMINAIRE, DIE-CAST ALUMINUM, TETHERED DOOR, (1) DISTRIBUTION TYPE 5 WIDE SQUARE & (1) TYPE 3,SIDE SHIELDS, 30' POLE (TYPE 3 FACES BUILDING)
T1	LED	277 V	44W	COOPER	CTW4-F-2575-50L-8-35K-1-D-STD-WAB-BSL6-W-WM	4FT WALL BRACKET, PRESTED ACRYLIC LENS, 25% UP - 75% DOWN DISTRIBUTION, 0-10V DIMMING, EMERGENCY BATTERY PACK
W1	LED	277 V	31W	COOPER	AXCS3A-BB	WALL PACK, DIE-CAST ALUMINUM HOUSING, BACK BOX, FULL CUTOFF LENS, TYPE IV DISTRIBUTION, 0-10V DIMMING
W1E	LED	277 V	31W	COOPER	AXCS3A-BB-CBP	WALL PACK, DIE-CAST ALUMINUM HOUSING, BACK BOX, FULL CUTOFF LENS, TYPE IV DISTRIBUTION, 0-10V DIMMING, COLD WEATHER BATTERY PACK
WE	LED	277 V	31W	COOPER	AXCS3A-BB-CBP	WALL PACK, DIE-CAST ALUMINUM HOUSING, BACK BOX, FULL CUTOFF LENS, TYPE IV DISTRIBUTION, 0-10V DIMMING, COLD WEATHER BATTERY PACK
XA	LED	277 V	1.1W	COOPER	EUX7RSD	EXIT SIGN, EDGE-LIT, BRUSHED ALUMINUM HOUSING, RED LETTERS, UNIVERSAL MOUNT & FACE, SELF-DIAGNOSTICS. FIXTURE SHALL BE FURNISHED WITH FACES & DIRECTIONAL CHEVRONS PER PLANS
XC	LED	277 V	1.1W	COOPER	LPX7RSD	EXIT SIGN, POLYCARBONATE HOUSING, RED LETTERS, UNIVERSAL MOUNT & FACE, SELF-DIAGNOSTICS. FIXTURE SHALL BE FURNISHED WITH FACES & DIRECTIONAL CHEVRONS PER PLANS

LIGHTING FIXTURE SCHEDULE GENERAL NOTES

1. MANUFACTURERS AND MODEL NUMBERS SHOWN ARE BASIS OF DESIGN.
2. FIXTURES BY OTHER MANUFACTURERS WILL BE CONSIDERED IF SATISFACTORY PROOF OF EQUIVALENCY IS FURNISHED BY THE CONTRACTOR TO THE ENGINEER. (REFER TO NOTE 3 BELOW.)
3. CONTRACTOR SHALL PROVIDE A COPY OF THE PROPOSED LIGHTING FIXTURE PACKAGE FOR ENGINEER'S APPROVAL TO SUBMIT. ENGINEER'S APPROVAL OF THIS PACKAGE WILL BE CONSIDERED PRELIMINARY. FINAL APPROVAL WILL BE CONTINGENT UPON REVIEW OF FINAL SHOP DRAWINGS/SUBMITTALS. ALL PROPOSED ALTERNATES MUST BE INDUSTRY STANDARD EQUAL TO THE FIXTURES SPECIFIED AS BASIS OF DESIGN. HOWEVER, IF THE FIXTURE IS NOT CONSIDERED EQUAL BY THE ENGINEER, IT SHALL BE DISAPPROVED FOR FINAL SUBMITTAL.
4. COORDINATE FIXTURE MOUNTING HEIGHTS AND LOCATIONS WITH ARCHITECTURAL PLANS AND ELEVATIONS.
5. CONTRACTOR SHALL CONFIRM FIXTURE COMPATIBILITY WITH CEILING TYPE WHERE APPLICABLE; PRIOR TO ORDERING FIXTURE.
6. CONTRACTOR SHALL PROVIDE ALL MOUNTING HARDWARE TO PROPERLY INSTALL THE LIGHT FIXTURE PER MFR. REQUIREMENTS, WHETHER INDICATED ON PLANS OR LIGHTING FIXTURE SCHEDULE.



PRESET DEVICES SO THAT LIGHTING LOAD IS MANUAL-ON / AUTOMATIC-OFF.
RECEPTACLE LOAD IS AUTOMATIC-ON / AUTOMATIC-OFF.

2 AUTOMATIC ROOM CONTROL DIAGRAM (DIMMING)
Scale: None

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
**PRESQUE

FEEDER SCHEDULE - COPPER

MAXIMUM OCPD	FEEDER NUMBER (X)	NUMBER OF SETS	CONDUCTOR SIZE			CONDUIT SIZE
			PHASE(3/C)	NEUTRAL	EQUIPMENT GROUND	
15 / 20	1	1	12	--	12	3/4"
	1N			12		3"
25 / 30	2	1	10	--	10	3/4"
	2N			10		3"
35 / 40	3	1	8	--	10	3/4"
	3N			8		1"
45 / 50	4	1	6	--	10	1"
	4N			6		3"
60 / 70	5	1	4	--	8	1-1/4"
	5N			4		3"
80	6	1	3	--	8	1-1/4"
	6N			3		4"
90	7	1	2	--	8	1-1/4"
	7N			2		1-1/2"
100 / 110 / 125	8	1	1	--	6	1-1/2"
	8N			1		3-1/2"
150	9	1	1/0	--	6	1-1/2"
	9N			1/0		2"
175	10	1	2/0	--	6	2"
	10N			2/0		4"
200	11	1	3/0	--	6	2"
	11N			3/0		4"
225	12	1	4/0	--	4	2"
	12N			4/0		2-1/2"
250	13	1	250	--	4	2-1/2"
	13N			250		4"
300	14	1	350	--	3	2-1/2"
	14N			350		3"
350	15	1	500	--	3	3"
	15N			500		3-1/2"
400	16	1	600	--	3	3-1/2"
	16N			600		4"
450	17	2	4/0	--	2	2"
	17N			4/0		2-1/2"

MAXIMUM OCPD	FEEDER NUMBER (X)	NUMBER OF SETS	CONDUCTOR SIZE			CONDUIT SIZE
			PHASE(3/C)	NEUTRAL	EQUIPMENT GROUND	
500	18	2	250	--	1	2-1/2"
	18N			250		3"
600	19	2	350	--	1/0	3"
	19N			350		
700	20	2	500	--	1/0	3"
	20N			500		3-1/2"
800	21	3	300	--	1/0	2-1/2"
	21N			300		3"
1000	22	3	400	--	2/0	3"
	22N			400		
1200	23	3	600	--	3/0	3-1/2"
	23N			600		4"
1600	24	4	600	--	4/0	3-1/2"
	24N			600		4"
2000	25	5	600	--	250	3-1/2"
	25N			600		4"
2500	26	6	600	--	350	3-1/2"
	26N			600		4"
3000	27	8	500	--	400	3-1/2"
	27N			500		
4000	28	10	600	--	500	3-1/2"
	28N			600		4"
5000	29	12	600	--	700	4"
	29N			600		5"

UTILITY COMPANY COORDINATION NOTES:

CONTRACTOR SHALL MEET ON-SITE WITH THE UTILITY COMPANIES AUTHORIZED REPRESENTATIVES; INCLUDING BUT NOT LIMITED TO, POWER AND TELECOMMUNICATIONS, TO DETERMINE THE FOLLOWING; PRIOR TO BID AND ROUGH-IN:

POWER Co.
- VERIFY REQUIRED PRIMARY POWER POLE, POLE LOCATION, RISER AND UNDERGROUND CONDUIT WORK AND RESPONSIBILITIES.
- VERIFY THE EXACT LOCATION OF THE VAULT-MOUNTED TRANSFORMER.
- VERIFY VAULT DIMENSIONS, RESPONSIBILITY AND SPECIFICATIONS.
- VERIFY METERING METHOD AND REQUIREMENTS.
- VERIFY REQUIRED SERVICE CONDUITS, ROUTING, AND TERMINATION LOCATION.

TELECOMMUNICATIONS Co.
- GROUNDING REQUIREMENTS.
- ORIGINATION AND TERMINATION OF THE SERVICE CONDUITS.
- INSTALLATION SPECIFICATIONS, SIZE AND QUANTITY REQUIRED.
- HOWEVER; MAINTAIN QUANTITY AND SIZE SHOWN ON THESE DRAWINGS, IF IN EXCESS OF UTILITY REQUIREMENTS.

ELECTRIC	TELECOMMUNICATIONS
VERSANT POWER	utility co. name
CHRIS NICHOLAS	contact name
telephone #(207) 973-2000	telephone #
christopher.nicholas@versantpower.com	email address

NOTE:
THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE COORDINATION PROCEDURES WILL CONSTITUTE ASSUMING ALL COST ASSOCIATED WITH REPLACING ANY AND ALL WORK ALREADY IN PLACE TO MEET THE UTILITY COMPANY'S RULES AND REQUIREMENTS.

GENERAL NOTES - POWER RISER DIAGRAM

A. REFER TO ELECTRICAL GENERAL NOTES ON SHEET E0.001, FOR ADDITIONAL INFORMATION.

B. ANY EXISTING ELECTRICAL WORK SHOWN IS BASED ON EXISTING DRAWINGS AND KNOWN FIELD CONDITIONS. EXISTING EQUIPMENT INDICATED IN LIGHT GRAY LINE WORK.

C. SERIES RATED EQUIPMENT IS NOT PERMITTED.

D. ALL INDOOR EQUIPMENT SHALL BE RATED NEMA 1; ALL OUTDOOR EQUIPMENT SHALL BE RATED NEMA 3R (WEATHERPROOF).

E. THE AIC CALCULATIONS PERFORMED WERE BASED ON A 1000 KVA, 480 / 277V, 3PH, 4W, PADMOUNT UTILITY COMPANY TRANSFORMER WITH 5.75 % IMPEDANCE. SHOULD THE ACTUAL TRANSFORMER BE LARGER, HAVE A LOWER PERCENT IMPEDANCE, OR BE LOCATED CLOSER TO THE MAIN SERVICE EQUIPMENT; THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ELECTRICAL EQUIPMENT AIC RATINGS AND SHALL ADJUST ACCORDINGLY. PROVIDE NEC REQUIRED LABELING ON ALL ELECTRICAL EQUIPMENT.

F. CONTRACTOR SHALL PROVIDE ARC FLASH ANALYSIS FOR ALL CIRCUITS. PROVIDE REPORT AND LABEL ELECTRICAL SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, ETC. IN ACCORDANCE WITH NEC 70E.

G. SERVICE FEEDER CIRCUIT SHALL BE LIMITED TO 2% VOLTAGE DROP, BRANCH CIRCUIT HOMERUNS SHALL BE LIMITED TO 3% VOLTAGE DROP. INCREASE CONDUCTOR AWG SIZE ACCORDINGLY TO LIMIT VOLTAGE DROP.

H. EMERGENCY SYSTEMS OCPD'S SHALL BE SELECTIVELY COORDINATED WITH ALL SUPPLY SIDE OCPD'S.

KEYED NOTES

1. PROVIDE SEPARATE SECTION PARTITIONS.
2. PROVIDE KIRK KEY INTERLOCK FOR GENERATOR AND TEMPORARY GENERATOR BREAKERS.
3. PROVIDE GENERATOR WITH (1) 1600A OUTPUT CIRCUIT BREAKER AND (1) 1600A CIRCUIT BREAKER FOR PORTABLE LOAD BANK.
4. PROVIDE WITH CAM LOCK CONNECTORS, DISCONNECT, AND LOCKING DOOR.
5. TELECOM GROUND BUS BAR. REFER TO TELECOM DRAWINGS FOR BAR AND CONDUCTOR SPECIFICATIONS.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
STATE OF MAINE
ROBERT J. SMOLINSKI No. 17621
LICENSED PROFESSIONAL ENGINEER
06/05/24

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
RISER DIAGRAM

BID DOCUMENTS

DISCIPLINE:
ELECTRICAL

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JW	JW	SN	RS

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
E7.101

TELECOMMUNICAITONS ABBREVIATIONS

A	AMMETER, AMPERE	ICT	INFORMATION COMMUNICATION TECHNOLOGY
AC	ALTERNATING CURRENT OR ARMORED CABLE	IDF	INTERMEDIATE DISTRIBUTION FRAME
A/C	AIR CONDITIONING UNIT	IG	ISOLATED GROUND
ACT	ABOVE COUNTERTOP OR ACOUSTICAL TILE	IMC	INTERMEDIATE METAL CONDUIT
ADDL	ADDITIONAL	I/O	INPUT / OUTPUT
ADJ	ADJACENT, ADJOINING	IOT	INTERNET OF THINGS
ADO	AUTOMATIC DOOR OPENER	IR	INFRARED
A/E	ARCHITECT/ENGINEER	ISP	INSIDE PLANT
AFF	ABOVE FINISHED FLOOR	IT	INFORMATION TECHNOLOGY
AFG	ABOVE FINISHED GRADE		
AHJ	AUTHORITY HAVING JURISDICTION	J-BOX	JUNCTION BOX
AHU	AIR HANDLING UNIT		
AL	ALUMINUM	kW	KILOWATT
ALT	ALTERNATE	kWH	KILOWATT HOUR
AMB	AMBIENT		
AMP	AMPERE, AMPACITY, AMPLIFIER	LAN	LOCAL AREA NETWORK
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	LASER	LIGHT AMPLIFICATION BY STIMULATED EMISSION OF RADIATION
AP	ACCESS POINT		
APPROX	APPROXIMATELY	LCP	LIGHTING CONTROL PANEL
ARCH	ARCHITECT, ARCHITECTURAL	LED	LIGHT EMITTING DIODE
ASCII	AMERICAN STANDARD CODE FOR INFORMATION INTERCHANGE	LF	LINEAR FEET (FOOT)
		LS	LIFE SAFETY
AUTO	AUTOMATIC	LTG	LIGHTING
AUX	AUXILIARY	LV	LOW VOLTAGE
A/V	AUDIO / VISUAL		
AWG	AMERICAN WIRE GAUGE	MAX	MAXIMUM
		MC	METAL-CLAD OR MECHANICAL CONTRACTOR
BAS	BUILDING AUTOMATION SYSTEM	MDF	MAIN DISRIBUITION FRAME
BAT	BATTERY	MDP	MAIN DISTRIBUTION PANEL
BEP	BUILDING ENTRANCE PROTECTION	MECH	MECHANICAL
BICSI	BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL	MFR	MANUFACTURER
		MH	MANHOLE, MOUNTING HEIGHT
BKR	BREAKER	MIN	MINIMUM
BLDG	BUILDING	MISC	MISCELLANEOUS
BMS	BUILDING MANAGEMENT SYSTEM	MM	MULTIMODE
BYP	BYPASS	MT.MTD,MTG	MOUNT, MOUNTED, MOUNTING
		MTR	MOTOR, MOTORIZED
C	CONDUIT	MV	MEDIUM VOLTAGE
CA	CABLE	MW	MEGAWATT
CAP	CAPACITY		
CAT	CATEGORY	N/A	NOT APPLICABLE
CATV	COMMUNITY ANTENNA TELEVISION	NEC	NATIONAL ELECTRICAL CODE
CCTV	CLOSED CIRCUIT TELEVISION	NESC	NATIONAL ELECTRICAL SAFETY CODE
CD	CONSTRUCTION DOCUMENTS	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED	NIC	NOT IN CONTRACT
CKT	CIRCUIT	NL	NIGHT LIGHT
CLG	CEILING	NTS	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT		
COAX	COAXIAL CABLE	OC	ON CENTER
COMB	COMBINATION	OEM	ORIGINAL EQUIPMENT MANUFACTURER
COMM	COMMUNICATION	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CONC	CONCRETE	OFOI	OWNER FURNISHED, OWNER INSTALLED
CONN	CONNECTION	OL	OVERLOAD
CONST	CONSTRUCTION	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
CONT	CONTINUE, CONTINUATION	OSP	OUTSIDE PLANT
CONTR	CONTRACTOR	OTDR	OPTICAL TIME DOMAIN REFLECTOMETER
CR	CRITICAL		
CT	CURRENT TRANSFORMER	P	POLE
CTR	CENTER	PA	PUBLIC ADDRESS
CU	COPPER	PB	PULL BOX, OR PUSHBUTTON
		PBB	PRIMARY BONDING BUSBAR
D/A	DIGITAL TO ANALOG CONVERSION	PBX	PRIVATE BRANCH EXCHANGE
DAS	DISTRIBUTED ANTENNA SYSTEM	PF	POWER FACTOR
DB	DECIBEL, DUCTBANK	PH	PHASE
DC	DIRECT CURRENT	PIV	POST INDICATOR VALVE
DEG C	DEGREES CELSIUS	PLC	PROGRAMMABLE LOGIC CONTROLLER
DEG F	DEGREES FAHRENHEIT	PNL	PANEL
DEMARC	DEMARCATION POINT	POTS	PLAIN OLD TELEPHONE SERVICE
DEMO	DEMOLITION	PR	PAIR
DIA	DIAMETER	PRI	PRIMARY
DIAG	DIAGRAM	PTZ	PAN, TILT, ZOOM
DISC	DISCONNECT	PVC	POLYVINYL CHLORIDE (PLASTIC)
DIST	DISTRIBUTION	PWR	POWER
DN	DOWN		
DSL	DIGITAL SUBSCRIBER LINE	QTY	QUANTITY
DSX	DIGITAL SIGNAL COSS-CONNECT		
DTE	DATA TERMINAL EQUIPMENT	RCP	REFLECTED CEILING PLAN
DWG	DRAWING	RCDD	REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
		RCPT	RECEPTACLE
EC	ELECTRICAL CONTRACTOR	RGS	RIGID GALVANIZED STEEL
EF	ENTRANCE FACILITY	RIU	REMOTE INTERFACE UNIT
EG	EQUIPMENT GROUND	RTU	ROOF TOP UNIT
EL	ELEVATION	RUS	RURAL UTILITIES SERVICES
ELEC	ELECTRIC, ELECTRICAL		
EM	EMERGENCY	SBB	SECONDARY BONDING BUSBAR
EMI	ELECTROMAGNETIC INTERFERENCE	SEC	SECONDARY
EMT	ELECTRICAL METALLIC TUBING	SF	SQUARE FOOT (FEET)
E.O.	ELECTRICALLY OPERATED	SM	SINGLE MODE
EPMS	ELECTRICAL POWER MANAGEMENT SYSTEM	SP	SPARE
EPO	EMERGENCY POWER OFF	SPD	SURGE PROTECTIVE DEVICE
EWC	ELECTRIC WATER COOLER	SPEC	SPECIFICATION
EWH	ELECTRIC WATER HEATER	STD	STANDARD
EXIST	EXISTING	SW	SWITCH
EXP	EXPLOSION PROOF	SYM	SYMMETRICAL
		SYS	SYSTEM
FA	FIRE ALARM		
FAAP	FIRE ALARM ANNUNCIATOR PANEL	TB	TERMINAL BLOCK
FABP	FIRE ALARM BOOSTER POWER SUPPLY PANEL	TBB	TELECOMMUNICATIONS BONDING BACKBONE
FACP	FIRE ALARM CONTROL PANEL	T/C	TIME CLOCK
FBO	FURNISHED BY OTHERS	TEL	TELEPHONE
FCU	FAN COIL UNIT	TELCO	TELEPHONE COMPANY
FIXT	FIXTURE	TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
FLEX	FLEXIBLE METALLIC CONDUIT	TL	TWIST LOCK
FLR	FLOOR	TR	TAMPER RESISTANT, TIMER RELAY
FLUOR	FLUORESCENT	TR	TELECOMMUNICATIONS ROOM
FO	FIBER OPTIC	TTB	TELEPHONE TERMINAL BOARD
FOC	FIBER OPTIC CABLE	TV	TELEVISION
FT	FEET OR FOOT	TYP	TYPICAL
FU	FUSE		
		UC	UNDER COUNTER
G/GRD/GND	GROUND	UG	UNDERGROUND
GA	GAUGE	UL	UNDERWRITERS LABORATORY
GAL	GALLON	UON	UNLESS OTHERWISE NOTED
GC	GENERAL CONTRACTOR	UPS	UNINTERRUPTIBLE POWER SUPPLY
GEN	GENERATOR	UTIL	UTILITY
GFCI	GROUND FAULT CIRCUIT INTERRUPTER		
GRC	GALVANIZED RIGID CONDUIT	V	VOLT, VOLTAGE
GTB	GROUND TERMINAL BOX	VoIP	VOICE OVER INTERNET PROTOCOL
		VFD	VARIABLE FREQUENCY DRIVE
HH	HANDHOLE		
HOA	HAND-OFF-AUTOMATIC	W	WATT
HP	HORSEPOWER	W/	WITH
HRG	HIGH RESISTANCE GROUND	WAO	WORK AREA OUTLET
HV	HIGH VOLTAGE	WAP	WIRELESS ACCESS POINT
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	WG	WIRE GUARD
HZ	HERTZ	WH	WATER HEATER
		W/O	WITHOUT
		WP	WEATHERPROOF
		XFER	TRANSFER
		XFMR	TRANSFORMER

TELECOMMUNICATIONS SYMBOLS

TELECOMMUNICATIONS DATA OUTLET. REFER TO WALL DATA DEVICE SCHEDULE FOR OUTLET TYPE DESCRIPTION.

XXX-F#

WP - DENOTES DATA OUTLET IN WEATHERPROOF ENCLOSURE

DENOTES FACEPLATE NUMBER

DENOTES ROOM NUMBER
EXT - DENOTES EXTERIOR CAMERA
EV - DENOTES ELECTRIC VEHICLE CHARGER
GEN - DENOTES GENERATOR ENCLOSURE
PL - DENOTE PARKING LOT ACCESS/EXIT CONTROL

TELECOMMUNICATIONS CEILING OUTLET. MOUNT ABOVE ACCESSIBLE CEILING UON.

XXX-F#

WAP - DENOTES OUTLET FOR CEILING MOUNTED WIRELESS ACCESS POINT. (2) CAT6 DATA CABLE AND TERMINATE ON 8P8C JACKS.
CAM - DENOTES OUTLET FOR CEILING MOUNTED CAMERA. (1) CAT6 DATA CABLE AND TERMINATE ON 8P8C JACKS.

DENOTES FACEPLATE NUMBER

DENOTES ROOM NUMBER

Y

TELECOMMUNICATIONS DATA OUTLET MOUNTED IN 8" ROUND COMBO FLOOR BOX. COORDINATE WITH INTERIORS PLANS. REFER TO ELECTRICAL PLANS FOR POWER REQUIREMENTS.

Y

COMBINATION DATA/POWER FLOOR BOX (DUPLEX POWER). COORDINATE WITH INTERIORS AND ELECTRICAL PLANS.

Y

COMBINATION DATA/POWER FLOOR BOX (QUADRAPLEX POWER). SET IN SLAB OR MOUNTED IN RAISED ACCESS FLOOR GRID. COORDINATE WITH INTERIORS AND ELECTRICAL PLANS.

XXX-F#

Y- DENOTES NUMBER OF CAT6 CABLES TO FLOOR BOX. 4 CAT6 CABLES PER FACEPLATE.

DENOTES FACEPLATE NUMBER

DENOTES ROOM NUMBER

PBB — PRIMARY BONDING BUSBAR, M.H. 20" AFF MINIMUM

SBB — SECONDARY BONDING BUSBAR, M.H.20" AFF MINIMUM

TB — TRANSITION BOX MODULE, WALL MOUNTED.

J — JUNCTION BOX, CEILING MOUNTED.

J — JUNCTION BOX, WALL MOUNTED. (2) 1-1/2" CONDUITS TO CLOSEST CABLE TRAY LOCATION. TERMINATE CONDUITS IN A 6" x 6" X 3"D JUNCTION BOX FLUSH MOUNTED INSIDE WALL.

J — JUNCTION BOX, FLOOR MOUNTED FOR SYSTEM FURNITURE CABLE FEED. MINIMUM (1) 1-1/4" CONDUITS TO CLOSEST CABLE TRAY LOCATION. TERMINATE CONDUITS IN A 6" x 6" X 3"D JUNCTION BOX FLUSH MOUNTED. COORDINATE WITH INTERIORS PLANS. PROVIDE GROMMETS FOR FURNITURE FEED AS NEEDED.

CABLE TRAY, SIZE AS INDICATED ON PLANS. GALVANIZED STEEL, SOLID BOTTOM WITH COVER FOR DISTRIBUTION OF CABLING OUTSIDE OF COMM ROOMS AND CABLE RUNWAY TYPE WITHIN COMM ROOMS.

LADDER TYPE CABLE RUNWAY, 18" x 4" UON. FOR DISTRIBUTION OF CABLING WITHIN COMM ROOMS.

EQUIPMENT CABINET 42 RU x 36" DEEP x 24" WIDE, UON

RMXXX-R1

DENOTES RACK NUMBER

DENOTES ROOM NUMBER

3/4"D x 4'W x 8'H FIRE RETARDANT TREATED PLYWOOD BACKBOARD. MH TO BOTTOM AT 6" AFF.

CONDUIT TURNED UP

TELECOMMUNICATIONS CABLING NOTES

TELECOMMUNICATIONS BACKBONE CABLING

SYSTEM DESIGNATION	CABLE TYPE	CABLE COLOR
DATA	OPTICAL FIBER SINGLE-MODE	YELLOW
DATA	MULTIPAIR COPPER UTP	BLACK
DATA	OPTICAL FIBER MULTIMODE OM3	AQUA

NOTE: CONFIRM FINAL NETWORK CABLE COLORS WITH CONTRACTING OFFICER BEFORE PURCHASING AND INSTALLING.

TELECOMMUNICATIONS HORIZONTAL CABLING

SYSTEM DESIGNATION	CABLE TYPE	CABLE COLOR
DATA	CAT6 UTP	GREEN
VOICE (VoIP)	CAT6 UTP	GREEN
VOICE (POTS)	CAT6 UTP	GRAY
WIFI	CAT6 UTP	YELLOW
MULTIMEDIA	RG6 COAXIAL	BLACK
TSANET	CAT6 UTP	GREEN

NOTE: CONFIRM FINAL NETWORK CABLE COLORS WITH CONTRACTING OFFICER BEFORE PURCHASING AND INSTALLING.

TELECOMMUNICATIONS STANDARDS

TELECOMMUNICATIONS INSTALLATION COMPLY WITH THE MOST CURRENT VERSION OF THE FOLLOWING STANDARDS:

TIA/EIA-606-D: ADMINISTRATION STANDARD FOR TELECOMMUNICATIONS INFRASTRUCTURE
ANSI/TIA/EIA-569-E: COMMERCIAL BUILDING STANDARD FOR TELECOMMUNICATIONS PATHWAYS AND SPACES
ANSI/TIA/EIA-526-7: MEASUREMENT OF OPTICAL POWER LOSS OF INSTALLED SINGLE-MODE FIBER CABLE PLANT

ANSI/TIA-568.0-E: GENERIC BUILDING TELECOMMUNICATIONS CABLING FOR CUSTOMER PREMISES
ANSI/TIA-568.1-E: COMMERCIAL BUILDING TELECOMMUNICATIONS CABLING STANDARD
ANSI/TIA-568.2-E: BALANCED TWISTED PAIR TELECOMMUNICATIONS CABLING AND COMPONENT STANDARDS
ANSI/TIA-568.3-E: OPTICAL FIBER CABLING COMPONENTS STANDARD
TIA/EIA-607-D: COMMERCIAL BUILDING AND GROUNDING (EARTHING) AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS INDUSTRY ASSOCIATION
BICSI: TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL (TDMM), 14TH EDITION
BICSI: OUTSIDE PLANT DESIGN REFERENCE MANUAL (OSPDRM), 6TH EDITION
NFPA 70: NATIONAL ELECTRICAL CODE
NFPA 75: STANDARD FOR THE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT
NFPA 76: STANDARD FOR THE FIRE PROTECTION OF TELECOMMUNICATIONS FACILITIES
NFPA 101: LIFE SAFETY CODE
NFPA 780: STANDARD FOR THE INSTALLATION OF LIGHTNING PROTECTION SYSTEMS

ISO/IEC-15408 SERIES STANDARDS

SECURITY TECHNICAL IMPLEMENTATION GUIDES (STIG)

IEEE C2: NATIONAL ELECTRICAL SAFETY CODE

MANUFACTURERS DESIGN STANDARDS

GENERAL TELECOMMUNICATIONS NOTES

1. DRAWINGS REPRESENT DESIGN INTENT, FURNISH, INSTALL, AND SIZE ALL SLEEVES, HOLES, CORES, PATCHING, SLOTS, ANCHORS, BRACKETS, SUPPORTS, JUNCTION BOXES, PULL BOXES, AND OTHER APPURTENANCES NECESSARY TO EXECUTE THE CONTRACT DOCUMENTS COMPLETELY. SOME OF THESE ITEMS MAY BE SHOWN ON THE DRAWINGS FOR CLARITY OR DESIGN PREFERENCE. HOWEVER, NOT ALL OF THE ITEMS, NECESSARY FOR COMPLETE EXECUTION AND INSTALLATION, ARE SHOWN.
2. THESE DRAWINGS ARE PREPARED AND COORDINATED WITH THE PROJECT SPECIFICATIONS. TOGETHER THESE DOCUMENTS FORM THE CONTRACT DOCUMENTS. ANYTHING MENTIONED IN THE SPECIFICATIONS AND NOT SHOWN IN THE DRAWINGS OR SHOWN IN THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS SHALL BE OF LIKE EFFECT AS IF SHOWN AND MENTIONED IN BOTH. IN CASE OF DIFFERENCES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE STRICTER PROVISION AS DETERMINED BY THE OWNER OR OWNER'S REPRESENTATIVE SHALL GOVERN. OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, OR THE INCORRECT DESCRIPTION OF DETAILS OF WORK WHICH ARE EVIDENTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, OR WHICH ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR INCORRECTLY DESCRIBED DETAIL OF THE WORK, RATHER, THE WORK SHALL BE PERFORMED AS IF THE DRAWINGS HAVE BEEN VERIFIED, CHECKED AND COORDINATED WITH SHOP DRAWINGS AND SAMPLES OF THE WORK AND OF THE SPECIFICATIONS.
3. THE DRAWINGS INDICATE GENERAL PROPOSED LOCATION OF EQUIPMENT, CABLE PATHWAYS, AND OUTLETS. ALTHOUGH THE DRAWINGS DO NOT NECESSARILY DICTATE THE ACTUAL ROUTES OF CONDUITS, LOCATION OF EQUIPMENT AND OUTLETS AND OTHER SUPPORTING ITEMS, THEY SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE TO THE DESIGN IN THIS DOCUMENT. IT IS THE INSTALLING CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF ALL ITEMS WITH ALL OTHER EXISTING UTILITIES AND TRADES.
4. DO NOT INSTALL OUTLET BOXES BACK-TO-BACK. COORDINATE ALL OUTLET MOUNTING HEIGHTS WITH APPROVED CASEWORK SHOP DRAWINGS PRIOR TO INSTALLATION OF AFFECTED OUTLET.
5. CONSTRUCTION DETAILS SHOWN ON T-500 SERIES DRAWINGS SHOW TYPICAL INSTALLATION UNLESS OTHERWISE NOTED AND APPLY TO WORK INCLUDED IN THIS PACKAGE EVEN THOUGH NOT SPECIFICALLY REFERENCED ON THE PLAN DRAWINGS.
6. COORDINATE LOCATIONS OF OUTLETS AND DEVICES WITH ARCHITECTURAL ELEVATIONS AND DETAILS PRIOR TO ROUGH-IN. ARCHITECTURAL ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON TELECOM DRAWINGS.
7. NO MORE THAN 180 DEGREES IN CONDUIT BENDS ARE ALLOWED IN ANY CONDUIT RUN BETWEEN PULL BOXES. NO CONDUIT ENTERS/EXITS ANY PULL BOX AT 90 DEGREES OF ANY OTHER ENTERING THE PULL BOX. PROVIDE PULL BOX ON EACH FLOOR FOR VERTICAL RISERS.
8. MAINTAIN A 12" MINIMUM SPACING BETWEEN CABLES AND SOURCES OF EMI, SUCH AS FLUORESCENT LIGHTS OR UNSHIELDED POWER LINES.
9. REFER TO DIVISIONS 26, 27, AND 28 SPECIFICATIONS FOR TELECOMMUNICATION SYSTEM ITEMS.
10. MOUNTING DEVICES AND EQUIPMENT PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
11. MOUNTING HEIGHTS, UNLESS OTHERWISE NOTED, ARE TO CENTER LINE OF DEVICE.
12. CONTRACTOR DETERMINES THE EXACT ROUTING OF RACEWAYS.
13. COORDINATE ALL RACEWAY PENETRATIONS AND PROVIDE SEALING AND FIREPROOFING AS APPLICABLE.
14. THE MAXIMUM PERMANENT HORIZONTAL LINK DISTANCE IS 295' AND THE MAXIMUM HORIZONTAL CHANNEL (LINK PLUS WORKSTATION CABLES AND PATCH CORDS) IS 328'.
15. INSTALL ALL HORIZONTAL VOICE AND DATA CABLING IN A MINIMUM 1" EMT CONDUIT, UON, FROM TELECOM OUTLET LOCATIONS TO NEAREST CABLE TRAY. FOR BUILDINGS WITHOUT CABLE TRAY, CONTINUOUS CONDUIT TO SERVING TELECOM ROOM.
16. ALL HORIZONTAL AND BACKBONE CABLING IS PLENUM RATED WITH THE EXCEPTION OF CABLING INSTALLED IN UNDERGROUND CONDUITS.
17. TERMINATE CAT6 CABLING ON 8-PIN, 8-CONDUCTOR (RJ-45) CONNECTORS USING PIN/PAIR ASSIGNMENTS IN ACCORDANCE WITH T568B PIN-OUT SEQUENCE.
18. CAT6 JACKS ARE THE SAME COLOR AS CORRESPONDING HORIZONTAL VOICE AND DATA CABLING. CAT6 JACKS ARE THE SAME MANUFACTURER AS THE PATCH PANELS.
19. PROVIDE CAT6, 8-PIN, 8-CONDUCTOR MODULAR TO 8-PIN, 8-CONDUCTOR MODULAR, PATCH CABLES IN QUANTITIES AND LENGTHS SUCH THAT ALL WORKSTATION CABLES ARE CONNECTED.
20. TERMINATE INSIDE PLANT OPTICAL FIBER CABLES WITH DUPLEX LC-TYPE CONNECTORS.
21. WALL MOUNTED OR TRAPEZE (PREFERABLE) MOUNTED CABLE TRAY. CENTER HUNG CABLE TRAY IS NOT ALLOWED. DO NOT USE CABLE TRAY TO SUPPORT OTHER ITEMS, CONDUIT, CABLE TRAY, PIPING OF UTILITIES. CABLE TRAY SUPPORTS ARE PER NEMA STANDARDS PUBLICATION VE 2 - METAL CABLE TRAY INSTALLATION GUIDELINES. MOUNT CABLE TRAY A MINIMUM OF 6" ABOVE CEILING.
22. PROVIDE ACCESS PANELS IN NON LAY-IN CEILINGS SUCH THAT NO POINT IN THE CABLE TRAY SYSTEM IS MORE THAN 2' FROM AN ACCESS POINT. DO NOT LOCATE ACCESS PANEL DIRECTLY BENEATH CABLE TRAY.
23. PROVIDE A MINIMUM OF 12" OF CLEARANCE ABOVE THE TOP OF CABLE TRAYS AND ACCESS TO THE TRAY ON AT LEAST ONE SIDE.
24. MAINTAIN/RESTORE FIRE RATING OF ALL PENETRATIONS WITH FIRE STOPPING MATERIAL.
25. COMPLY WITH ANSI/TIA-569-E TELECOMMUNICATION PATHWAYS AND SPACES.
26. COMPLY WITH ALL ADA REQUIREMENTS FOR AIRPORT TERMINALS.
27. USE ONLY COPPER CONDUCTORS FOR GROUND CONNECTIONS. THE USE OF ALUMINUM CONDUCTORS IS NOT ALLOWED.
28. PROVIDE CABLE INSTALLED IN UNDERGROUND CONDUITS LISTED FOR USE IN WET LOCATIONS. DO NOT INSTALL PLENUM RATED CABLE IN ANY UNDERGROUND CONDUIT.
29. PROVIDE OSP CABLES RATED FOR OUTDOOR USE, FILLED WITH A WATER BLOCKING COMPOUND OR ENCLOSED IN WATER BLOCKING SHEATH.
30. LABEL ALL CABLE TERMINATIONS AND BOTH ENDS OF ALL CABLES IN ACCORDANCE WITH ANSI/TIA-606-D AND TSA STANDARDS.
31. PROVIDE AS-BUILT DOCUMENTATION INCLUDING COMPLETE TEST RESULT REPORTS, FLOOR PLANS SHOWING USER WORKSTATIONS WITH CABLING, LABELING, AND BACKBONE CABLE SCHEMATIC AND LABELING IN AN ELECTRONIC FORMAT (PDF) OR OTHER APPROVED FORMAT AND A PRINTED HARDCOPY. SUPPLY TEST RESULTS ELECTRONICALLY TO THE CONTRACTING OFFICER'S REPRESENTATIVE.
32. PROVIDE A 4' BUFFER BETWEEN ANY MOTOR, TRANSFORMER, OR OTHER ELECTRICAL DEVICE GREATER THAN 5 KVA AND ANY WALL OF THE TELECOM ROOM OR EQUIPMENT CABINET.
33. DO NOT INSTALL EQUIPMENT (PIPING, DUCTWORK, MACHINERY, ETC.) THAT DOES NOT SERVE THE TELECOM ROOM, DO NOT INSTALL EQUIPMENT ROOMS ABOVE OR IN THESE ICT SPACES, NOR SHALL THIS EQUIPMENT PASS THROUGH OR ENTER THE COMMUNICATION ROOMS.
34. DO NO EXCEED 40% CONDUIT FILL. DO NOT EXCEED 25% INITIAL FILL FOR CABLE TRAY.
35. ALL PREMISE CABLES ARE CATEGORY 6 UTP OR STP, UON.
36. PROVIDE A MINIMUM OF (1) 1" CONDUIT (METRIC TRADE SIZE EQUIVALENT) FOR TYPICAL HORIZONTAL TELECOMMUNICATIONS CABLING BETWEEN CABLE TRAY AND OUTLET BOXES.
37. CONCEAL ALL CONDUITS IN WALL OR ABOVE CEILING. RUN ALL EXPOSED CONDUITS PARALLEL, OR AT RIGHT ANGLES TO STRUCTURE. ALL CONDUITS BELOW FLOOR 1-1/4" MINIMUM.
38. COORDINATE FACEPLATE FINISHES WITH ARCHITECTURE/INTERIORS.
39. COORDINATE LOCATION OF FLOOR BOXES WITH ARCHITECTURE/INTERIORS DRAWINGS.
40. PROVIDE PATCH/TERMINATION PANELS FOR HORIZONTAL CABLING WITH 25% ALLOWANCE FOR FUTURE GROWTH.
41. WHERE RECESSED AV BOXES ARE PROVIDED BEHIND MONITOR MOUNTS, COORDINATE PLACEMENT OF SINGLE-GANG BOX FOR MEDIA OUTLET WITHIN THE RECESSED BOX.

GENERAL TELECOMMUNICATIONS NOTES

42. PROVIDE OUTDOOR RATED CABLING WITH SURGE PROTECTION AT CABINET FOR ALL CABLING EXTERIOR TO THE BUILDING.
43. COORDINATE FINAL LOCATION OF SECURITY EQUIPMENT WITH SECURITY DRAWINGS.
44. TRANSITION ALL OUTDOOR RATED CONDUITS WITHIN 50' OF BUILDING ENTRANCE. IF GREATER THAN 50', PROVIDE INDOOR/OUTDOOR RATED CABLE.
45. ENTRANCE CONDUIT IS LIMITED TO 50' IN LENGTH AFTER BUILDING ENTRANCE. IF GREATER THAN 50', PROVIDE CONTINUOUS PATHWAY IN RIGID OR INTERMEDIATE METAL CONDUIT.
46. TEST SIGNAL OF EMERGENCY RESPONDER RAIDO PER SPECIFICATIONS OF 27 53 19, AFTER CORE AND SHELL OF BUILDING IS CONSTRUCTED. IF MINIMUM REQUIREMENTS ARE NOT MET, PROVIDE EMERGENCY RESPONDER RADIO ANTENNA/REPEATER SYSTEM.

DATA DEVICE SCHEDULE

TYPE DESIGNATOR	INFRASTRUCTURE BOX	INFRASTRUCTURE CONDUIT	CONNECTIVITY	FUNCTION
1	(1) 2-GANG, FLUSH MOUNTED BACK BOX FITTED WITH SINGLE GANG REDUCER RING	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING OR BELOW RAISED ACCESS FLOOR	(1) CATEGORY 6 UTP CABLE AND TERMINATE ON 8P8C JACK.	TELECOMMUNICATIONS OUTLET. MH 1'6" AFF UON.
2	(1) 2-GANG, FLUSH MOUNTED BACK BOX FITTED WITH SINGLE GANG REDUCER RING	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	(2) CATEGORY 6 UTP CABLES AND TERMINATE ON (2) 8P8C JACKS.	TELECOMMUNICATIONS DUPLEX OUTLET. MH 1'6" AFF UON.
4	(1) 2-GANG, FLUSH MOUNTED BACK BOX FITTED WITH SINGLE GANG REDUCER RING	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	(4) CATEGORY 6 UTP CABLES AND TERMINATE ON (4) 8P8C JACKS.	TELECOMMUNICATIONS QUAD OUTLET. MH 1'6" AFF UON.
CAM	(1) 2-GANG, FLUSH MOUNTED BACK BOX FITTED WITH SINGLE GANG REDUCER RING	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	(1) CATEGORY 6 UTP CABLES AND TERMINATE ON 8P8C JACKS.	TELECOMMUNICATIONS OUTLET. COORDINATE MH WITH CAMERA LOCATION.
CLK	(1) 2-GANG, FLUSH MOUNTED BACK BOX FITTED WITH SINGLE GANG REDUCER RING	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	(1) CATEGORY 6 UTP CABLE AND TERMINATE ON 8P8C JACK.	TELECOMMUNICATIONS CLOCK OUTLET. COORDINATE MH BEHIND CENTER OF CLOCK.
M	(1) 2-GANG, FLUSH MOUNTED BACK BOX FITTED WITH SINGLE GANG REDUCER RING	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	(1) CATEGORY 6 UTP CABLE AND TERMINATE ON 8P8C JACK. (1) RG6 COAX AND TERMINATE ON F-TYPE CONNECTOR.	MULTI-MEDIA OUTLET. RUN RG6 COAX CABLE TO NEAREST TELECOM ROOM AND TERMINATE ON COAX PATCH PANEL IN CABINET. COORDINATE MH BEHIND CENTER OF TV AND ADJCENT TO ELECTRICAL OUTLET. REFER TO AV AND INTERIORS DRAWINGS FOR SECTIONS.
P	(1) 2-GANG, FLUSH MOUNTED BACK BOX FITTED WITH SINGLE GANG REDUCER RING	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	(1) CATEGORY 6 UTP CABLE AND TERMINATE ON 8P8C JACK.	POTS TELEPHONE OUTLET. MH 4' AFF UON.
T	(1) 2-GANG, FLUSH MOUNTED BACK BOX FITTED WITH SINGLE GANG REDUCER RING	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	(1) CATEGORY 6 UTP CABLE AND TERMINATE ON 8P8C JACK.	TELEPHONE OUTLET. MH 4' AFF UON.

TELECOMMUNICATIONS SHEET LIST

SHEET NUMBER	SHEET NAME
T0.001	TELECOMMUNICATIONS LEGENDS, SYMBOLS & ABBREVIATIONS
T1.101	TELECOMMUNICATIONS LEVEL 1 FLOOR PLAN
T1.201	TELECOMMUNICATIONS LEVEL 2 FLOOR PLAN
T4.101	ENLARGED TELECOMMUNICATIONS PLAN
T4.201	ENLARGED TELECOMMUNICATIONS PLAN
T4.202	ENLARGED TELECOMMUNICATIONS PLAN
T5.101	TELECOMMUNICATIONS DETAILS
T5.102	TELECOMMUNICATIONS DETAILS
T5.103	TELECOMMUNICATIONS DETAILS
T5.104	TELECOMMUNICATIONS DETAILS
T6.101	PANEL SCHEDULES
T7.101	TELECOMMUNICATIONS RISER DIAGRAM

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
TELECOMMUNICATIONS LEGENDS, SYMBOLS & ABBREVIATIONS

BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
T0.001

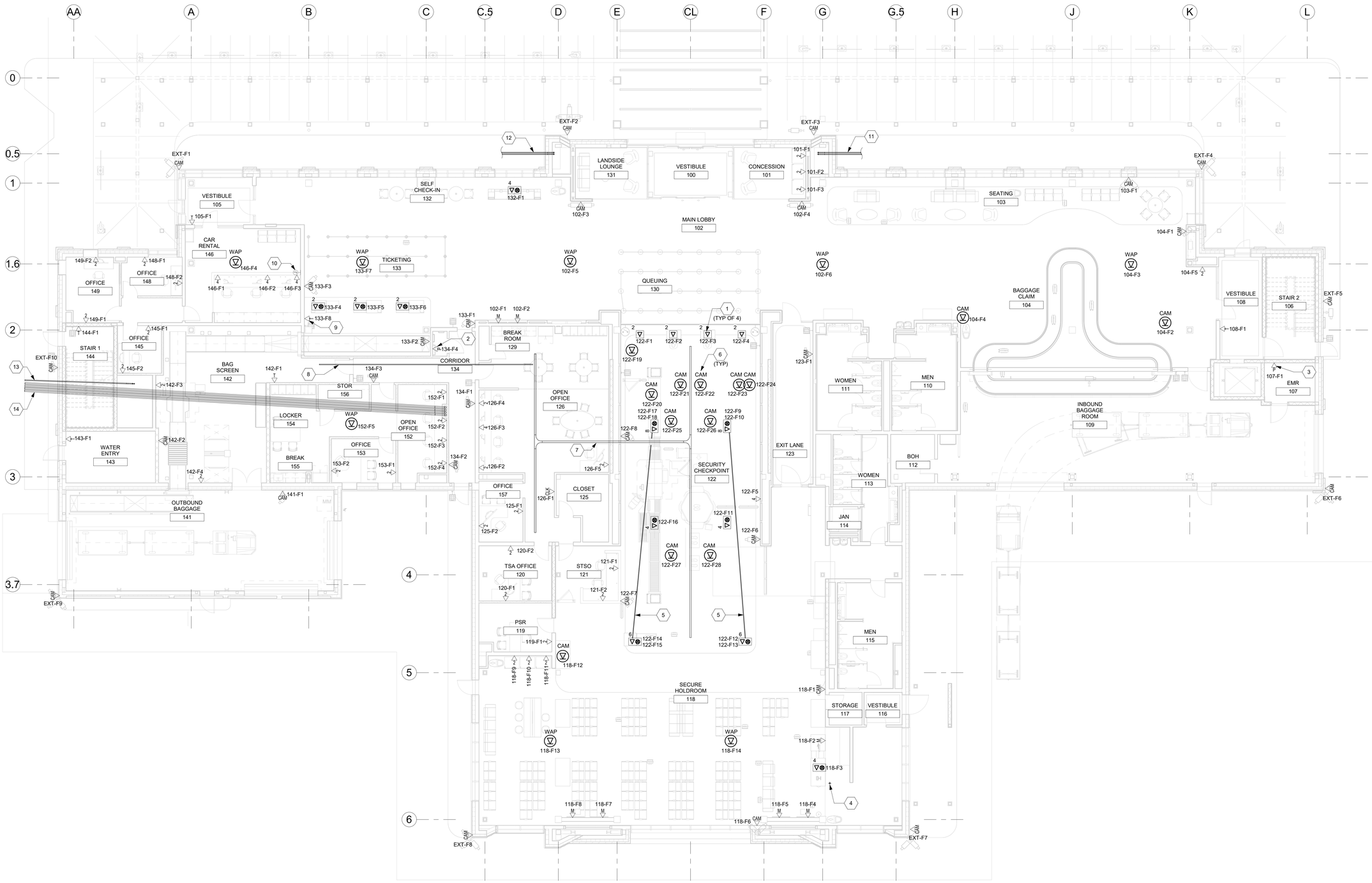
GENERAL SHEET NOTES:

A. REFER TO TELECOMMUNICATIONS GENERAL NOTES ON SHEET T0.001 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
B. COORDINATE PATHWAY ROUTING WITH OTHER TRADES. LOCATE PATHWAYS TO AVOID INTERFERENCE WITH DUCTS, PIPES, MECHANICAL EQUIPMENT, REMOVAL OF CEILING TILES, OR WITH ACCESS TO EQUIPMENT WHICH REQUIRES PERIODIC ADJUSTMENT/MAINTENANCE.
C. STOP SHORT OF RATED PARTITIONS. UTILIZE CONDUIT SLEEVES OF EQUIVALENT CAPACITY AND APPROVED FIRESTOP ASSEMBLIES TO PENETRATE RATE PARTITIONS.
D. CONCEAL CABLING IN WALLS, ABOVE ACCESSIBLE CEILING OR BENEATH FLOORS IN ALL FINISHED SPACES, UNLESS OTHERWISE SPECIFIED.
E. COORDINATE LOCATION OF COMBO FLOOR BOX WITH ARCHITECTURE AND INTERIORS. REFER TO ELECTRICAL FOR POWER REQUIREMENTS.
F. REFER TO SECURITY DRAWINGS FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS.
G. REFER TO T5 SERIES SHEETS FOR TELECOMMUNICATIONS GENERAL DETAILS.
H. REFER TO T6 SERIES SHEETS FOR PANEL SCHEDULES.
I. REFER TO T7 SERIES SHEETS FOR TELECOMMUNICATIONS RISER DIAGRAMS.

SHEET KEYNOTES	
KEY VALUE	KEYNOTE TEXT
1	COORDINATE 8" ROUND COMBO FLOOR BOX WITH PODIUM OR FUTURE PODIUM LOCATION.
2	COORDINATE CONNECTION TO FIRE ALARM CONTROL PANEL.
3	COORDINATE CONNECTION TO ELEVATOR CONTROLLER.
4	COORDINATE DATA STUB-UP FROM FACIAL RECOGNITION DEVICE TO FLOOR BOX AT GATE DESK.
5	PROVIDE 1-1/4" CONDUIT BETWEEN FLOOR BOXES WITH TWO WET RATED CAT6 CABLES TERMINATED IN FACEPLATES AT EACH FLOOR BOX. THIS IS IN ADDITION TO CONDUITS AND WAO DROPS INDICATED BY FLOOR BOX TAG. REFER TO T-001 DATA DEVICE SCHEDULE.
6	ROUTE SECURITY CAMERA CABLING IN CONDUIT SEPERATE FROM TSA CABLING. DO NOT UTILIZE CABLE TRAY FOR TSA HORIZONTAL DISTRIBUTION.
7	4"x 2" CABLE TRAY MOUNTED ABOVE ACCESSIBLE CEILING FOR HORIZONTAL DISTRIBUITION IN TSA SECURITY CHECKPOINT AND SUPPORT SPACES.

SHEET KEYNOTES	
KEY VALUE	KEYNOTE TEXT
8	2" CONTINUOUS CONDUIT FROM TSA SUPPORT SPACES TO TSA BAGGAGE SCREENING.
9	PROVIDE TELEPHONE DROP FOR PA SYSTEM. COORDINATE CAT6 CABLING TERMINATION IN PA CABINET IN MDF ROOM 206.
10	COORDINATE JUNCTION BOX LOCATION FOR CONNECTION TO CUSTOM DESK. ROUTE CAT6 CABLES THROUGH CHASE TO CPU CABINETS.
11	2-2" CONDUITS WITH CAT6 CABLES TO PARKING LOT CAMERAS. PROVIDE SURGE PROTECTION FOR ALL CAT6 CABLES ROUTED OUTSIDE THE BUILDING. REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING.
12	2-2" CONDUITS WITH CAT6 CABLES TO PARKING LOT CAMERAS AND EV CHARGERS. PROVIDE SURGE PROTECTION FOR ALL CAT6 CABLES ROUTED OUTSIDE THE BUILDING. REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING.

SHEET KEYNOTES	
KEY VALUE	KEYNOTE TEXT
13	2-2" CONDUITS FROM MANHOLE OUTSIDE BUILDING INTO MDF 206 FOR HORIZONTAL CABLING TO GENERATOR ENCLOSURE AND PARKING LOT ACCESS/EXIT PEDESTALS. PROVIDE 3-CELL MESH INNERDUCT WITH PULL STRINGS IN EACH CONDUIT (4 TOTAL PULL STRINGS). PROVIDE SURGE PROTECTION FOR ALL CAT6 CABLES ROUTED OUTSIDE THE BUILDING. REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING OUTSIDE THE BUILDING.
14	4-4" CONDUITS FROM MANHOLE OUTSIDE BUILDING INTO MDF 206 FOR SERVICE PROVIDER CABLING. PROVIDE (3) 3-CELL MESH INNERDUCTS WITH PULL STRINGS IN EACH CONDUIT (10 TOTAL PULL STRINGS). REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING OUTSIDE THE BUILDING.



1 TELECOMMUNICATIONS LEVEL 1 FLOOR PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
TELECOMMUNICATIONS LEVEL 1 FLOOR PLAN

BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
T1.101

GENERAL SHEET NOTES:

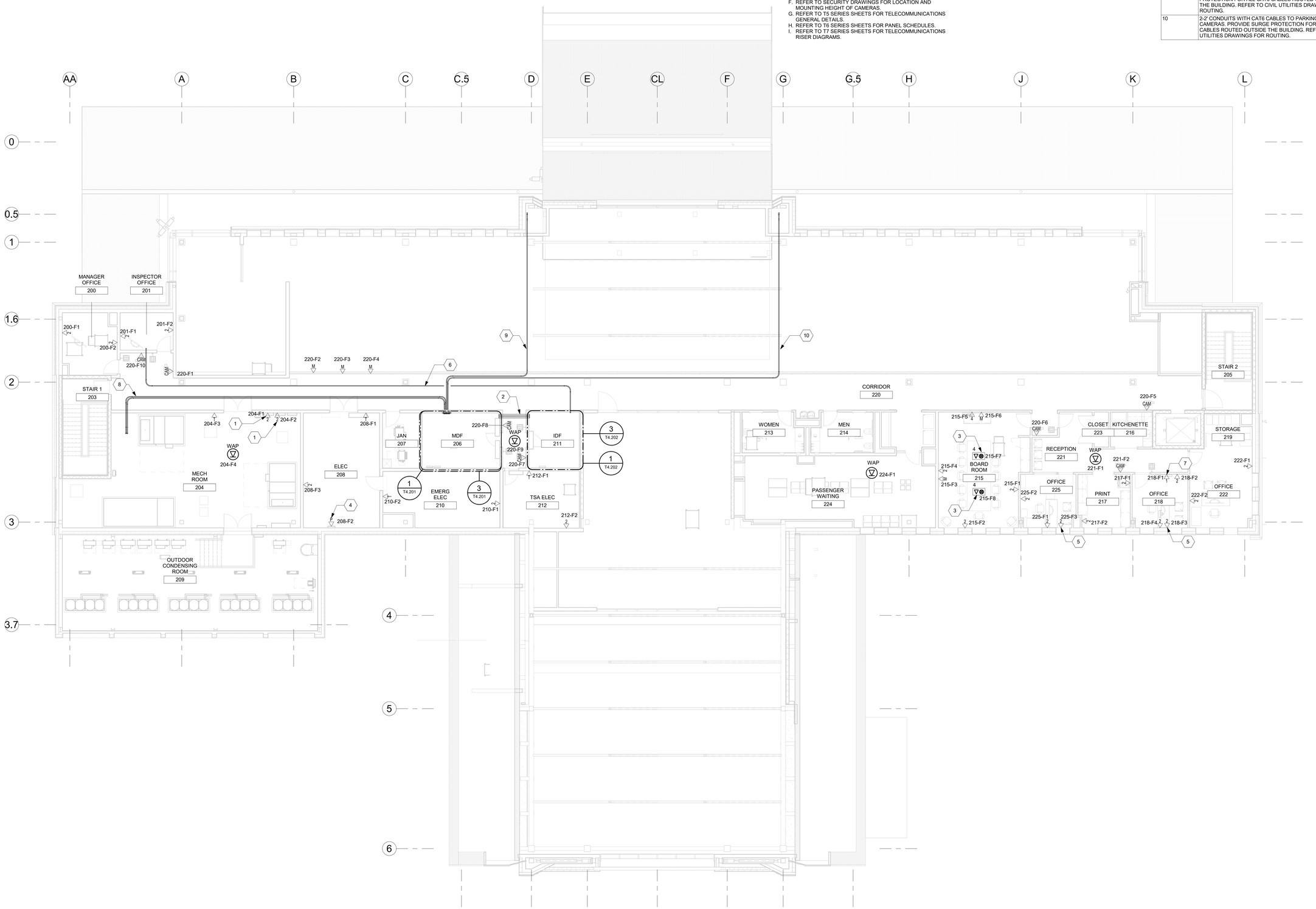
A. REFER TO TELECOMMUNICATIONS GENERAL NOTES ON SHEET T0.001 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
B. COORDINATE PATHWAY ROUTING WITH OTHER TRADES. LOCATE PATHWAYS TO AVOID INTERFERENCE WITH DUCTS, PIPES, MECHANICAL EQUIPMENT, REMOVAL OF CEILING TILES, OR WITH ACCESS TO EQUIPMENT WHICH REQUIRES PERIODIC ADJUSTMENT/MAINTENANCE.
C. STOP SHORT OF RATED PARTITIONS. UTILIZE CONDUIT SLEEVES OF EQUIVALENT APAPACITY AND APPROVED FIRESTOP ASSEMBLIES TO PENETRATE RATE PARTITIONS.
D. CONCEAL CABLING IN WALLS, ABOVE ACCESSIBLE CEILING OR BENEATH FLOORS IN ALL FINISHED SPACES, UNLESS OTHERWISE SPECIFIED.
E. COORDINATE LOCATION OF COMBO FLOOR BOX WITH ARCHITECTURE AND INTERIORS. REFER TO ELECTRICAL FOR POWER REQUIREMENTS.
F. REFER TO SECURITY DRAWINGS FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS.
G. REFER TO T5 SERIES SHEETS FOR TELECOMMUNICATIONS GENERAL DETAILS.
H. REFER TO T6 SERIES SHEETS FOR PANEL SCHEDULES.
I. REFER TO T7 SERIES SHEETS FOR TELECOMMUNICATIONS RISER DIAGRAMS.

SHEET KEYNOTES

KEY VALUE	KEYNOTE TEXT
1	COORDINATE DATA CONNECTION WITH LOCATION OF DDC PANEL.
2	2-4" CONDUITS FROM MDF 206 TO IDF 208 FOR BACKBONE CABLING. PROVIDE 3 3-CELL MESH INNERDUCTS WITH PULL STRINGS IN EACH CONDUIT. PROVIDE FIRE RATED SLEEVES AND FIRESTOPPING MATCHING RATING OF WALL.
3	REFER TO AV DRAWINGS FOR AUDIO VISUAL CONNECTIONS TO BOARD ROOM TABLE FLOOR BOX.
4	COORDINATE CONNECTION TO FIRE ALARM CONTROL PANEL.
5	SECURITY DATA CONNECTIONS FOR CAMERA MONITORING SYSTEM.

SHEET KEYNOTES

KEY VALUE	KEYNOTE TEXT
6	2" CONTINUOUS CONDUIT FROM TSA IDF ROOM 211 TO TSA OFFICES.
7	PROVIDE CAT6 CABLE TERMINATED ON BLANK PORT OF WAO 218-F3. COORDINATE OUTLET MH BEHIND CENTER OF TV AND ADJCENT TO ELECTRICAL OUTLET.
8	2-2" CONDUITS FROM MANHOLE OUTSIDE BUILDING INTO MDF 206 FOR HORIZONTAL CABLING TO GENERATOR ENCLOSURE AND PARKING LOT ACCESS/EXIT PEDESTALS. PROVIDE 3-CELL MESH INNERDUCT WITH PULL STRINGS IN EACH CONDUIT (4 TOTAL PULL STRINGS). PROVIDE SURGE PROTECTION FOR ALL CAT6 CABLES ROUTED OUTSIDE THE BUILDING. REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING OUTSIDE THE BUILDING.
9	2-2" CONDUITS WITH CAT6 CABLES TO PARKING LOT CAMERAS AND EV CHARGERS. PROVIDE SURGE PROTECTION FOR ALL CAT6 CABLES ROUTED OUTSIDE THE BUILDING. REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING.
10	2-2" CONDUITS WITH CAT6 CABLES TO PARKING LOT CAMERAS. PROVIDE SURGE PROTECTION FOR ALL CAT6 CABLES ROUTED OUTSIDE THE BUILDING. REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING.



1 TELECOMMUNICATIONS LEVEL 2 FLOOR PLAN
1/8" = 1'-0"

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
TELECOMMUNICATIONS LEVEL 2 FLOOR PLAN

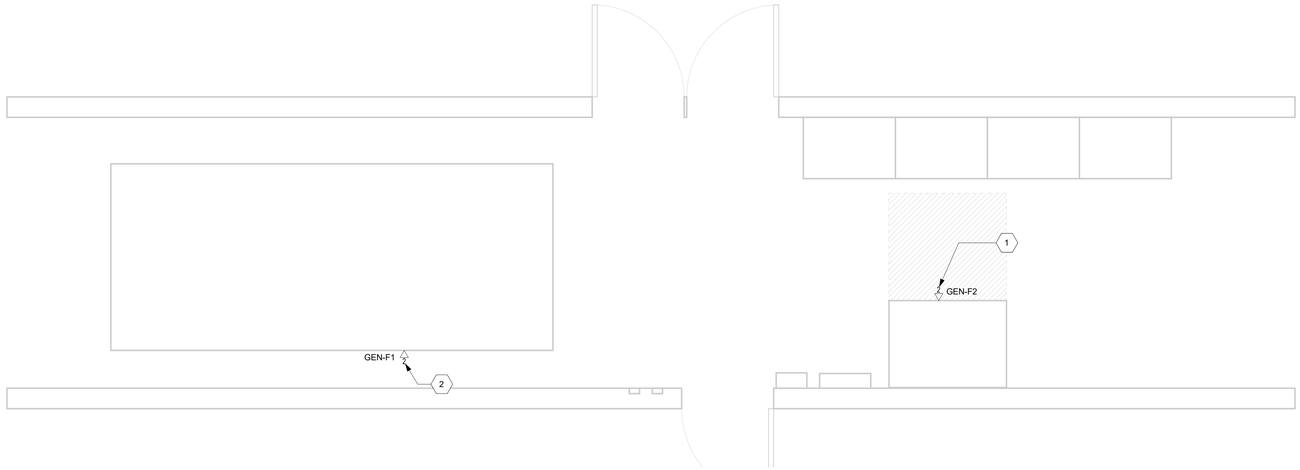
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
T1.201



1 TELECOMMUNICATIONS ENLARGED PLAN - GENERATOR ENCLOSURE
1/2" = 1'-0"

GENERAL SHEET NOTES:

A. REFER TO TELECOMMUNICATIONS GENERAL NOTES ON SHEET T0.001 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
B. COORDINATE PATHWAY ROUTING WITH OTHER TRADES. LOCATE PATHWAYS TO AVOID INTERFERENCE WITH DUCTS, PIPES, MECHANICAL EQUIPMENT, REMOVAL OF CEILING TILES, OR WITH ACCESS TO EQUIPMENT WHICH REQUIRES PERIODIC ADJUSTMENT/MAINTENANCE.
C. STOP SHORT OF RATED PARTITIONS. UTILIZE CONDUIT SLEEVES OF EQUIVALENT CAPACITY AND APPROVED FIRESTOP ASSEMBLIES TO PENETRATE RATE PARTITIONS.
D. CONCEAL CABLING IN WALLS, ABOVE ACCESSIBLE CEILING OR BENEATH FLOORS IN ALL FINISHED SPACES, UNLESS OTHERWISE SPECIFIED.
E. COORDINATE LOCATION OF COMBO FLOOR BOX WITH ARCHITECTURE AND INTERIORS. REFER TO ELECTRICAL FOR POWER REQUIREMENTS.
F. REFER TO SECURITY DRAWINGS FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS.
G. REFER TO T5 SERIES SHEETS FOR TELECOMMUNICATIONS GENERAL DETAILS.
H. REFER TO T6 SERIES SHEETS FOR PANEL SCHEDULES.
I. REFER TO T7 SERIES SHEETS FOR TELECOMMUNICATIONS RISER DIAGRAMS.

SHEET KEYNOTES

KEY VALUE	KEYNOTE TEXT
1	COORDINATE DATA CONNECTION TO AUTOMATIC TRANSFER SWITCH. REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING TO BUILDING.
2	COORDINATE DATA CONNECTION TO GENERATOR CONTROL CABINET. REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING TO BUILDING.

GRAPHIC SCALE:
0' 2' 4' 6'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED TELECOMMUNICATIONS PLAN

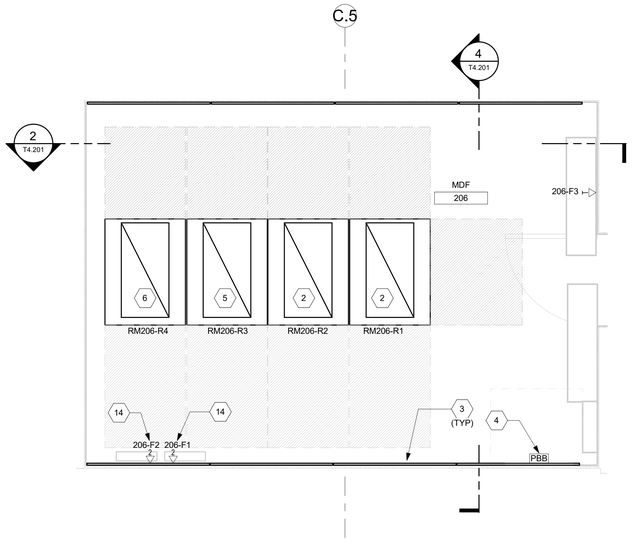
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

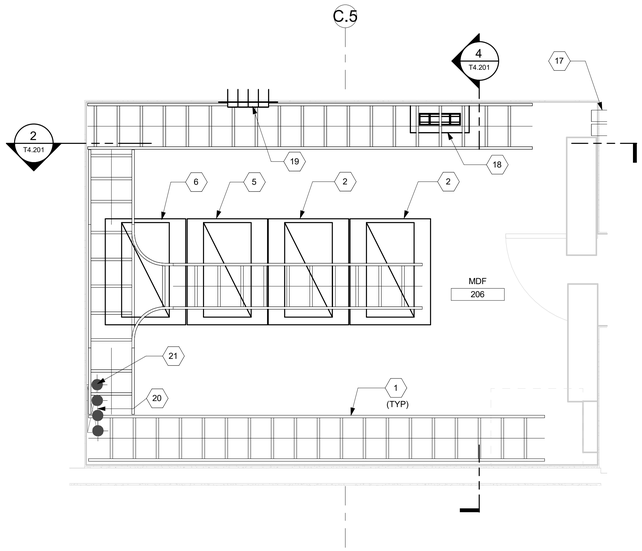
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

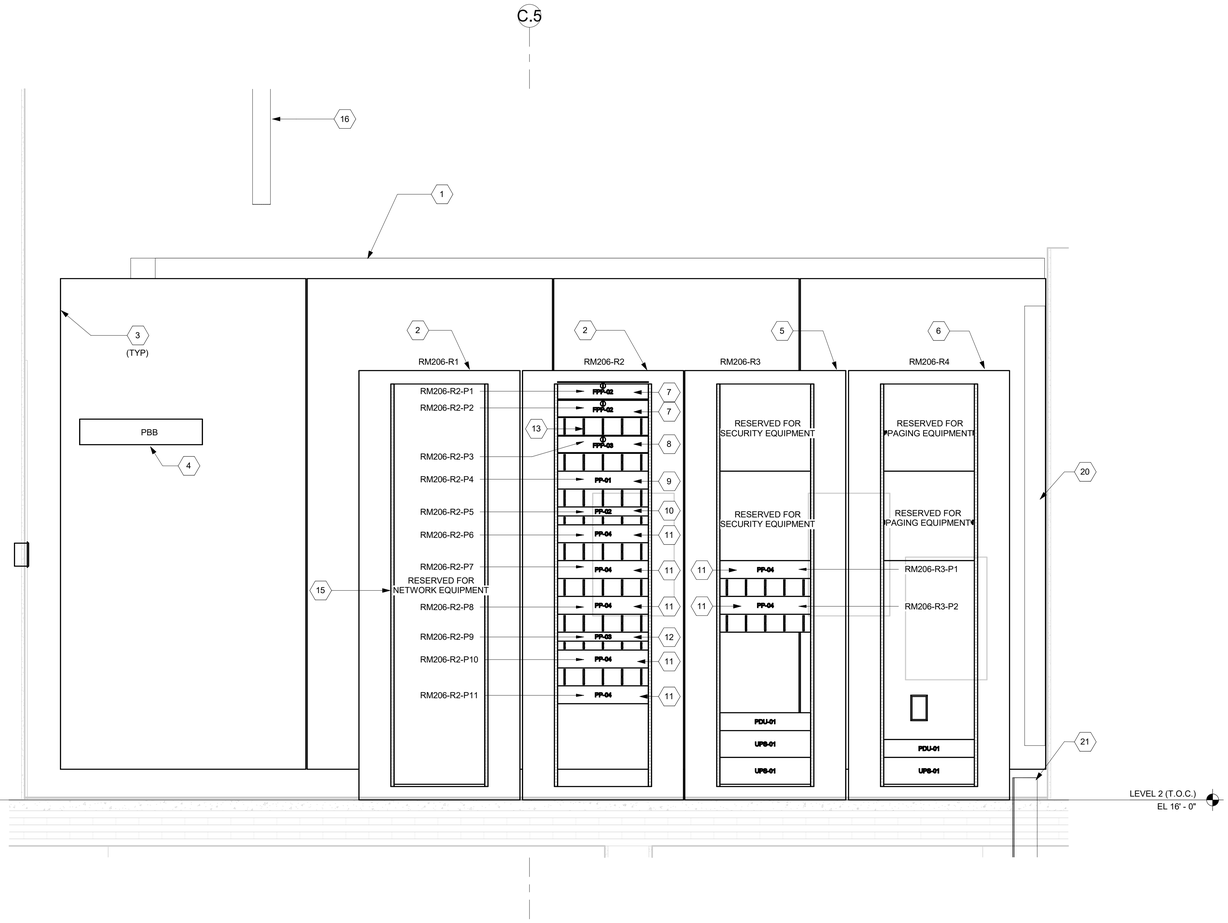
SHEET NUMBER:
T4.101



1 TELECOMMUNICATIONS ENLARGED PLAN - MDF 206
1/2" = 1'-0"



3 TELECOMMUNICATIONS PATHWAYS ENLARGED PLAN - MDF 206
1/2" = 1'-0"



2 MDF 206 SOUTH ELEVATION
1" = 1'-0"

4 MDF 206 WEST ELEVATION
1/2" = 1'-0"

GENERAL SHEET NOTES:

A. REFER TO TELECOMMUNICATIONS GENERAL NOTES ON SHEET T0.001 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
B. COORDINATE PATHWAY ROUTING WITH OTHER TRADES. LOCATE PATHWAYS TO AVOID INTERFERENCE WITH DUCTS, PIPES, MECHANICAL EQUIPMENT, REMOVAL OF CEILING TILES, OR WITH ACCESS TO EQUIPMENT WHICH REQUIRES PERIODIC ADJUSTMENT/MAINTENANCE.
C. STOP SHORT OF RATED PARTITIONS. UTILIZE CONDUIT SLEEVES OF EQUIVALENT CAPACITY AND APPROVED FIRESTOP ASSEMBLIES TO PENETRATE RATE PARTITIONS.
D. CONCEAL CABLING IN WALLS, ABOVE ACCESSIBLE CEILING OR BENEATH FLOORS IN ALL FINISHED SPACES, UNLESS OTHERWISE SPECIFIED.
E. COORDINATE LOCATION OF COMBO FLOOR BOX WITH ARCHITECTURE AND INTERIORS. REFER TO ELECTRICAL FOR POWER REQUIREMENTS.
F. REFER TO SECURITY DRAWINGS FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS.
G. REFER TO T5 SERIES SHEETS FOR TELECOMMUNICATIONS GENERAL DETAILS.
H. REFER TO T6 SERIES SHEETS FOR PANEL SCHEDULES.
I. REFER TO T7 SERIES SHEETS FOR TELECOMMUNICATIONS RISER DIAGRAMS.

SHEET KEYNOTES

KEY VALUE	KEYNOTE TEXT
1	TELECOM LADDER TYPE CABLE TRAY, 18" WIDE. MOUNT THE BOTTOM 6" ABOVE TOP OF ENTRY DOOR INTO THE COMMUNICATIONS ROOM. CABLE RADIUS DROP OUTS AT EACH CABINET/RACK LOCATION AS WELL AS AT WALL MOUNTED EQUIPMENT LOCATIONS.
2	EQUIPMENT CABINET 42 RU x 36" DEEP x 24" WIDE WITH 6" VERTICAL CABLE MANAGER.
3	3/4" THICK x 4' WIDE x 8' TALL FIRE RATED BACKBOARD.
4	BONDING BUSBAR. MINIMUM MOUNTING HEIGHT 20" ABOVE FINISHED FLOOR (AFF).
5	IESS EQUIPMENT RACK. REFER TO SECURITY DRAWINGS FOR RACK DETAIL.
6	PAGING EQUIPMENT RACK. REFER TO AV DRAWINGS FOR RACK DETAIL.
7	2 RU FIBER OPTIC PATCH PANEL FOR INCOMING SERVICE CONNECTION.
8	2 RU FIBER OPTIC PATCH PANEL FOR BACKBONE CABLING TO IDF 208.
9	2 RU COPPER PATCH PANEL FOR INCOMING SERVICE CONNECTION.
10	2 RU COPPER PATCH PANEL FOR BACKBONE CABLING TO IDF 208, CONNECTION TO ELEVATOR AND FIRE ALARM.
11	2 RU CAT6 PATCH PANEL FOR HORIZONTAL CABLING.
12	1 RU COAXIAL PATCH PANEL FOR HORIZONTAL CABLING.
13	WIRE MANAGER (TYPICAL)
14	COORDINATE CONNECTION TO SECURITY CONTROL PANEL.
15	COORDINATE RELOCATION OF EQUIPMENT FROM EXISTING TERMINAL. COORDINATE WITH OWNER TO LIMIT DISRUPTION TO OPERATIONS AND DOWNTIME.
16	2-3" CONDUITS THROUGH ROOF WITH WEATHER HEADS FOR EMERGENCY RESPONDER RADIO ANTENNAS.
17	2-4" CONDUITS FROM MDF 206 TO IDF 208 FOR BACKBONE CABLING. PROVIDE 3 3-CELL MESH INNERDUCTS WITH PULL STRINGS IN EACH CONDUIT. PROVIDE FIRE RATED SLEEVES AND FIRESTOPPING MATCHING RATING OF WALL.
18	4-4" FIRE RATED SLEEVES THROUGH FLOOR FOR CABLING DISTRIBUTION. CONTRACTOR TO VERIFY QUANTITY AND SPARE CAPACITY REQUIRED.
19	4-4" FIRE RATED SLEEVES THROUGH WALL FOR CABLING DISTRIBUTION. CONTRACTOR TO VERIFY QUANTITY AND SPARE CAPACITY REQUIRED.
20	TELECOM LADDER TYPE CABLE TRAY, 18" WIDE VERTICALLY MOUNTED.
21	4-4" CONDUITS FROM MANHOLE OUTSIDE BUILDING INTO MDF 206 FOR SERVICE PROVIDER CABLING. PROVIDE (3) 3-CELL MESH INNERDUCTS WITH PULL STRINGS IN EACH CONDUIT (10 TOTAL PULL STRINGS). REFER TO CIVIL UTILITIES DRAWINGS FOR ROUTING OUTSIDE THE BUILDING.

GRAPHIC SCALE:
0' 2' 4' 6'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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KEY PLAN:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED TELECOMMUNICATIONS PLAN

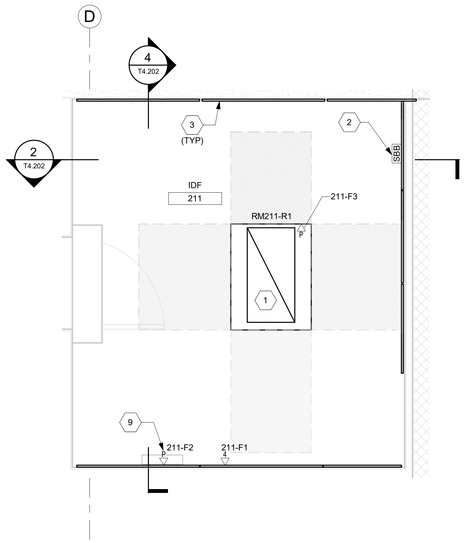
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

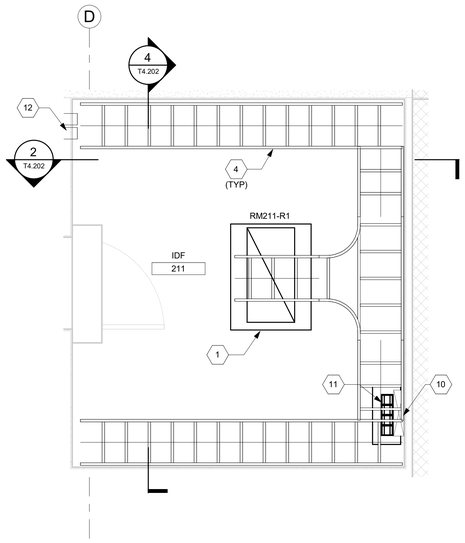
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

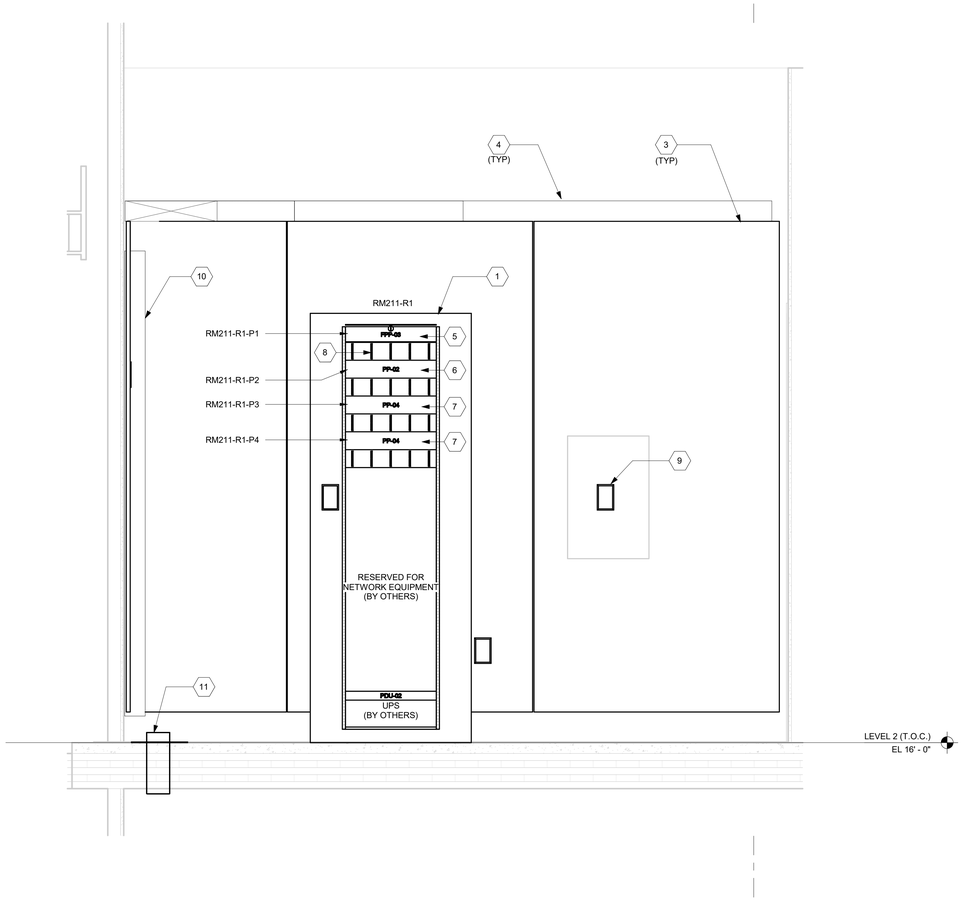
SHEET NUMBER:
T4.201



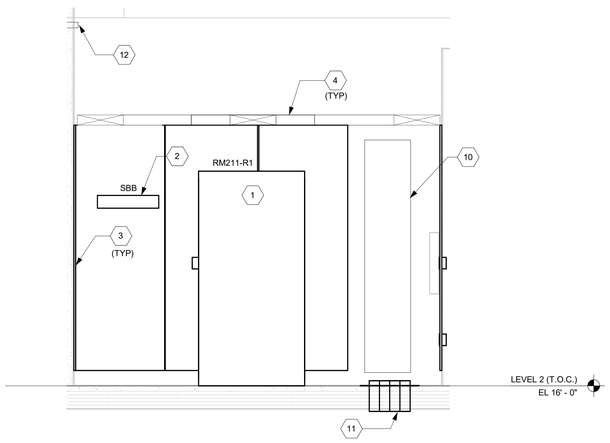
1 TELECOMMUNICATIONS ENLARGED PLAN - IDF 208
1/2" = 1'-0"



3 TELECOMMUNICATIONS PATHWAY ENLARGED PLAN - IDF 208
1/2" = 1'-0"



2 IDF 208 SOUTH ELEVATION
1" = 1'-0"



4 IDF 208 EAST ELEVATION
1/2" = 1'-0"

GENERAL SHEET NOTES:

A. REFER TO TELECOMMUNICATIONS GENERAL NOTES ON SHEET T0.001 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
B. COORDINATE PATHWAY ROUTING WITH OTHER TRADES. LOCATE PATHWAYS TO AVOID INTERFERENCE WITH DUCTS, PIPES, MECHANICAL EQUIPMENT, REMOVAL OF CEILING TILES, OR WITH ACCESS TO EQUIPMENT WHICH REQUIRES PERIODIC ADJUSTMENT/MAINTENANCE.
C. STOP SHORT OF RATED PARTITIONS. UTILIZE CONDUIT SLEEVES OF EQUIVALENT CAPACITY AND APPROVED FIRESTOP ASSEMBLIES TO PENETRATE RATE PARTITIONS.
D. CONCEAL CABLING IN WALLS, ABOVE ACCESSIBLE CEILING OR BENEATH FLOORS IN ALL FINISHED SPACES, UNLESS OTHERWISE SPECIFIED.
E. COORDINATE LOCATION OF COMBO FLOOR BOX WITH ARCHITECTURE AND INTERIORS. REFER TO ELECTRICAL FOR POWER REQUIREMENTS.
F. REFER TO SECURITY DRAWINGS FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS.
G. REFER TO T5 SERIES SHEETS FOR TELECOMMUNICATIONS GENERAL DETAILS.
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I. REFER TO T7 SERIES SHEETS FOR TELECOMMUNICATIONS RISER DIAGRAMS.

SHEET KEYNOTES

KEY VALUE	KEYNOTE TEXT
1	EQUIPMENT CABINET 42 RU x 36" DEEP x 24" WIDE WITH 6" VERTICAL CABLE MANAGER.
2	BONDING BUSBAR. MINIMUM MOUNTING HEIGHT 20" ABOVE FINISHED FLOOR (AFF).
3	3/4" THICK x 4' WIDE x 8' TALL FIRE RATED BACKBOARD.
4	TELECOM LADDER TYPE CABLE TRAY, 18" WIDE. MOUNT THE BOTTOM 6" ABOVE TOP OF ENTRY DOOR INTO THE COMMUNICATIONS ROOM. CABLE RADIUS DROP OUTS AT EACH CABINET/RACK LOCATION AS WELL AS AT WALL MOUNTED EQUIPMENT LOCATIONS.
5	2 RU FIBER OPTIC PATCH PANEL FOR BACKBONE CABLING FROM MDF 206.
6	2 RU COPPER PATCH PANEL FOR BACKBONE CABLING FROM MDF 206.
7	2 RU CAT6 PATCH PANEL FOR HORIZONTAL CABLING.
8	WIRE MANAGER (TYPICAL)
9	COORDINATE CONNECTION TO SECURITY CONTROL PANEL.
10	TELECOM LADDER TYPE CABLE TRAY, 18" WIDE VERTICALLY MOUNTED.
11	4-4" FIRE RATED SLEEVES THROUGH FLOOR FOR CABLING DISTRIBUTION. CONTRACTOR TO VERIFY QUANTITY AND SPARE CAPACITY REQUIRED.
12	2-4" CONDUITS FROM MDF 206 TO IDF 208 FOR BACKBONE CABLING. PROVIDE 3 3-CELL MESH INNERDUCTS WITH PULL STRINGS IN EACH CONDUIT. PROVIDE FIRE RATED SLEEVES AND FIRESTOPPING MATCHING RATING OF WALL.

GRAPHIC SCALE:
0' 2' 4' 6'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
ENLARGED TELECOMMUNICATIONS PLAN

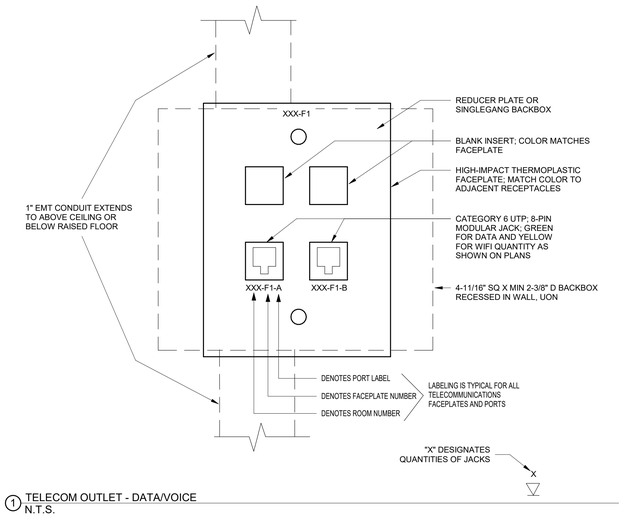
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

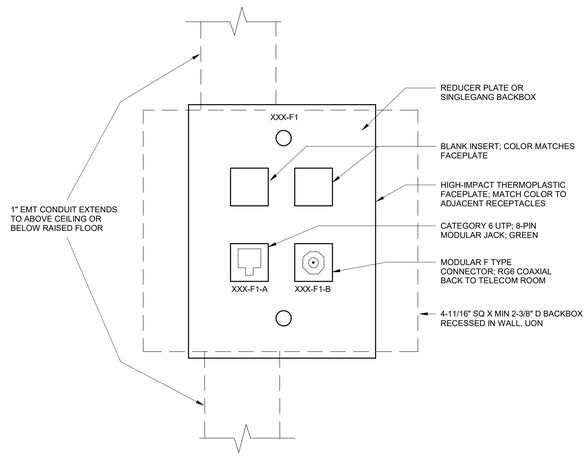
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

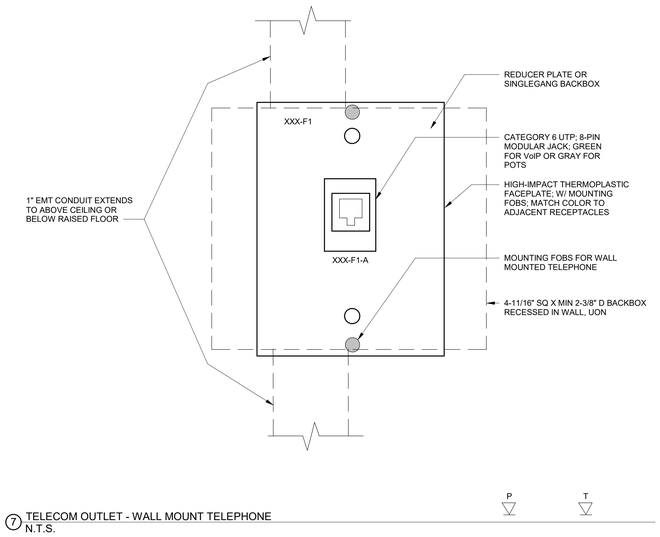
SHEET NUMBER:
T4.202



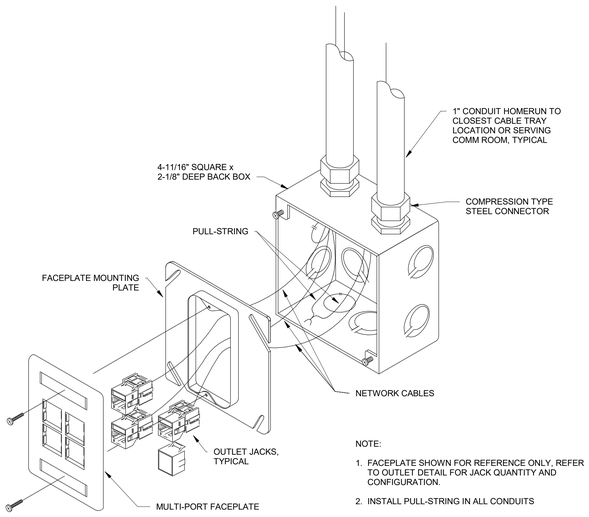
1 TELECOM OUTLET - DATA/VOICE
N.T.S.



4 TELECOM OUTLET - MULTI-MEDIA
N.T.S.



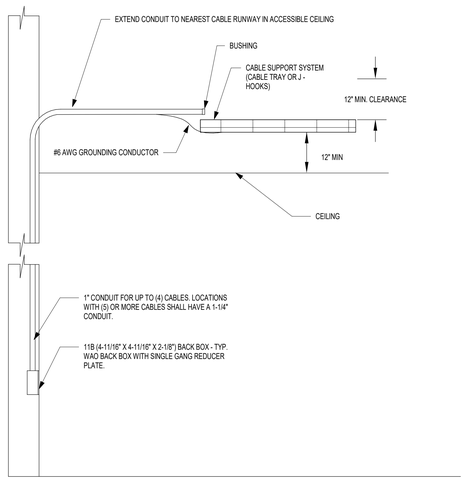
7 TELECOM OUTLET - WALL MOUNT TELEPHONE
N.T.S.



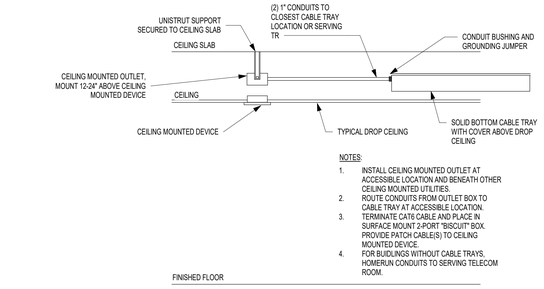
NOTE:

1. FACEPLATE SHOWN FOR REFERENCE ONLY, REFER TO OUTLET DETAIL FOR JACK QUANTITY AND CONFIGURATION.
2. INSTALL PULL-STRING IN ALL CONDUITS

2 WORK AREA OUTLET DETAIL
N.T.S.



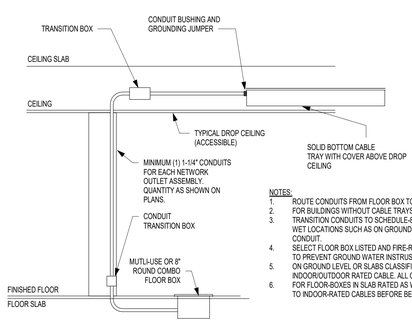
5 WAO BOX CONNECTION DETAIL
N.T.S.



NOTES:

1. INSTALL CEILING MOUNTED OUTLET AT ACCESSIBLE LOCATION AND BENEATH OTHER CEILING MOUNTED UTILITIES.
2. ROUTE CONDUITS FROM OUTLET BOX TO CABLE TRAY AT ACCESSIBLE LOCATION.
3. TERMINATE CAT6 CABLE AND PLACE IN SURFACE MOUNT 2-PORT "BISCUIT" BOX. PROVIDE PATCH CABLE(S) TO CEILING MOUNTED DEVICE.
4. FOR BUIDLINGS WITHOUT CABLE TRAYS, HOMERUN CONDUITS TO SERVING TELECOM ROOM.

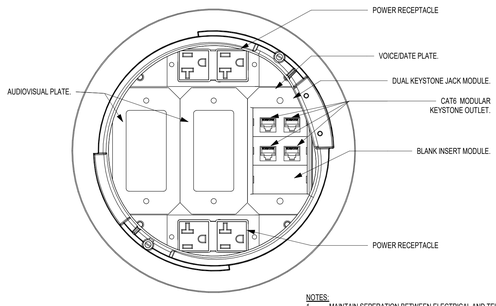
8 CEILING MOUNTED OUTLET DETAIL
N.T.S.



NOTES:

1. ROUTE CONDUITS FROM FLOOR BOX TO CABLE TRAY AT ACCESSIBLE LOCATION.
2. FOR BUILDINGS WITHOUT CABLE TRAYS, HOMERUN CONDUITS TO SERVING TELECOM ROOM.
3. TRANSITION CONDUITS TO SCHEDULE-80 PVC OR RIGID METALLIC CONDUIT IN FLOOR SLAB RATED AS WET LOCATIONS SUCH AS ON GROUND LEVEL. ABOVE SLAB, TRANSITION CONDUIT TO METALLIC CONDUIT.
4. SELECT FLOOR BOX LISTED AND FIRE-RATED FOR INTENDED USE. SEAL THE FLOOR BOX AND CONDUIT TO PREVENT GROUND WATER INSTRUSION.
5. ON GROUND LEVEL OR SLABS CLASSIFIED AS WET LOCATIONS, CABLE FLOOR BOXES WITH INDOOR/OUTDOOR RATED CABLE. ALL CABLES ARE IN ACCORDANCE WITH ARTICLE 800 OF THE NEC.
6. FOR FLOOR-BOXES IN SLAB RATED AS WET-LOCATIONS, TRANSITION CABLES IN THE TRANSITION BOX TO INDOOR-RATED CABLES BEFORE BEING ROUTED BACK TO SERVING TELECOM ROOM.

3 FLOOR MOUNTED OUTLET DETAIL
N.T.S.



NOTES:

1. MAINTAIN SEPERATION BETWEEN ELECTRICAL AND TELECOMMUNICATIONS CABLING.
2. REFER TO ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.
3. IF REQUIRED, REFER TO AV DRAWINGS FOR AUDIO VISUAL CONNECTIONS.

6 8" ROUND COMBO FLOOR BOX DEVICE DETAIL
N.T.S.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
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CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
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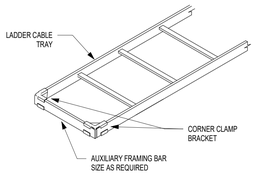
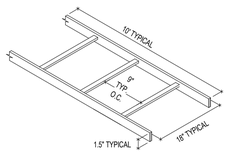
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
T5.101



1 RUNWAY END CLOSING KIT DETAIL
N.T.S.



2 RUNWAY SPACING DETAIL
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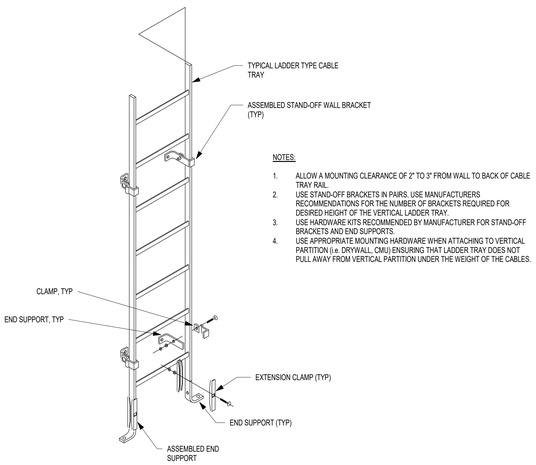
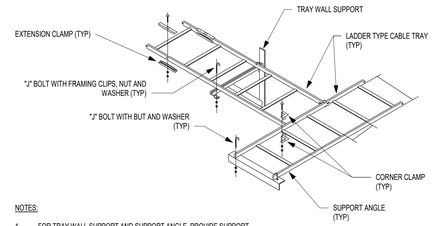


3 VERTICAL CABLE RUNWAY DETAIL
N.T.S.



4 RUNWAY JUNCTION DETAIL
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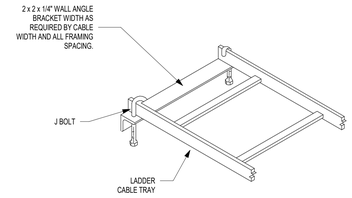
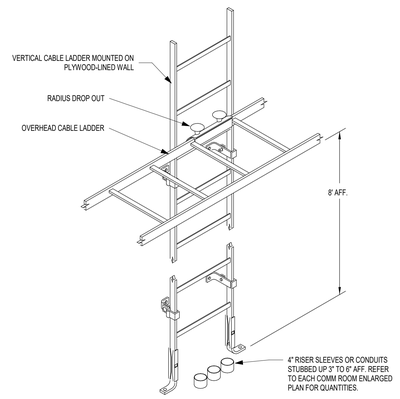
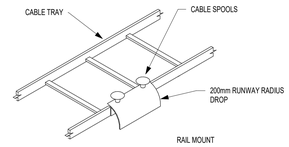


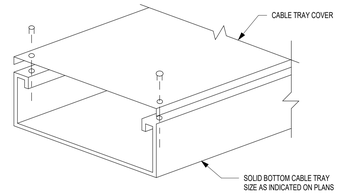
5 RUNWAY WALL ANGLE SUPPORT DETAIL
N.T.S.



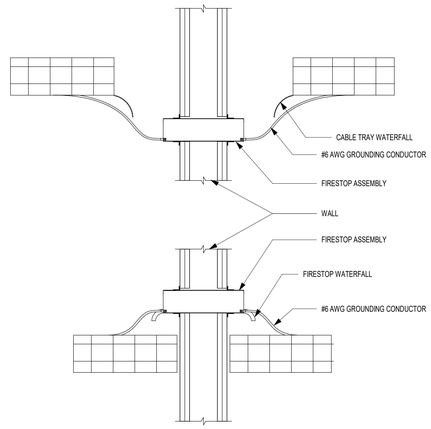
6 VERTICAL RUNWAY WITH CROSS-OVER DETAIL
N.T.S.



7 RUNWAY RADIUS DROP OUT DETAIL
N.T.S.



8 SOLID BOTTOM CABLE TRAY DETAIL
N.T.S.



9 CABLE TRAY FIRESTOP DETAIL
N.T.S.

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REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

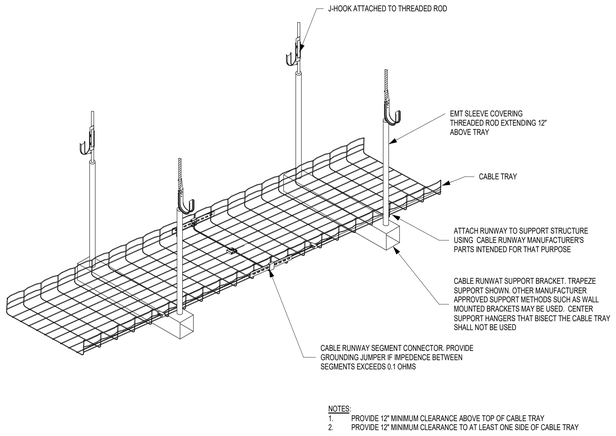
SHEET TITLE:
TELECOMMUNICATIONS DETAILS
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

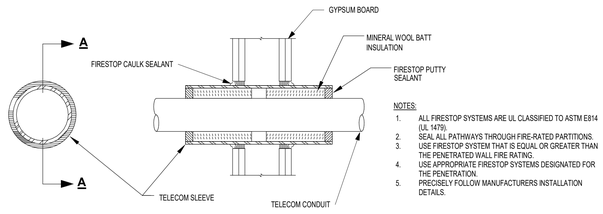
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
T5.102



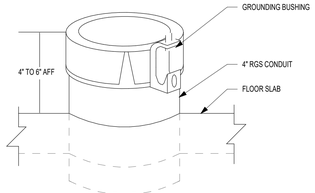
NOTES:
1. PROVIDE 12" MINIMUM CLEARANCE ABOVE TOP OF CABLE TRAY.
2. PROVIDE 12" MINIMUM CLEARANCE TO AT LEAST ONE SIDE OF CABLE TRAY

1 CABLE TRAY MOUNTING DETAIL
N.T.S.

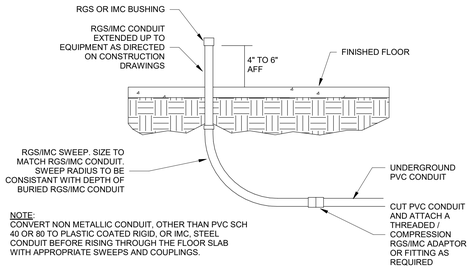


NOTES:
1. ALL FIRESTOP SYSTEMS ARE UL CLASSIFIED TO ASTM E814 (UL 1479).
2. SEAL ALL PATHWAYS THROUGH FIRE-RATED PARTITIONS.
3. USE FIRESTOP SYSTEM THAT IS EQUAL OR GREATER THAN THE PENETRATED WALL FIRE RATING.
4. USE APPROPRIATE FIRESTOP SYSTEMS DESIGNATED FOR THE PENETRATION.
5. PRECISELY FOLLOW MANUFACTURERS INSTALLATION DETAILS.

4 SLEEVE/CONDUIT FIRESTOP DETAIL
N.T.S.

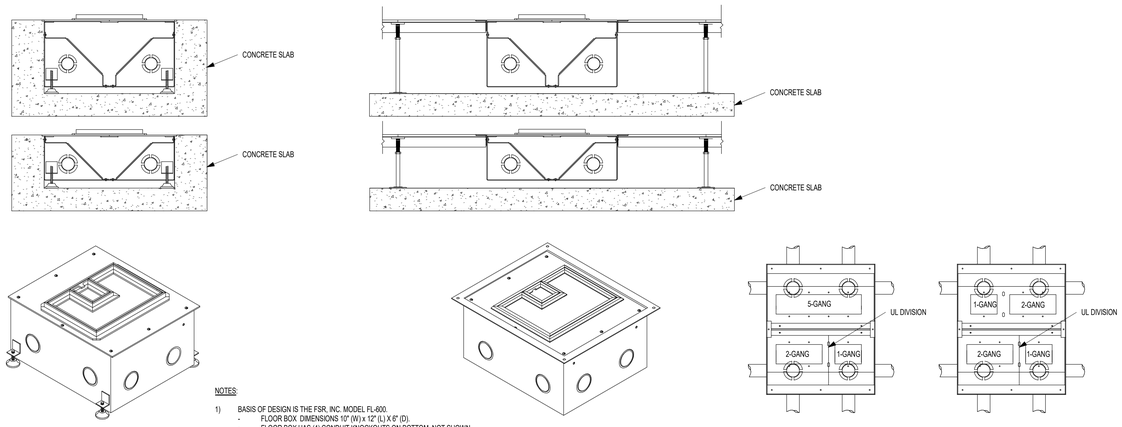


2 4" ENTRANCE RGS CONDUIT DETAIL
N.T.S.



NOTE:
CONVERT NON METALLIC CONDUIT, OTHER THAN PVC SCH 40 OR 80 TO PLASTIC COATED RIGID, OR IMC, STEEL CONDUIT BEFORE RISING THROUGH THE FLOOR SLAB WITH APPROPRIATE SWEEPS AND COUPLINGS.

5 PVC CONDUIT OSP TRANSITION INTO BUILDING DETAIL
N.T.S.



NOTES:
1) BASIS OF DESIGN IS THE FSR, INC. MODEL FL-600.
   - FLOOR BOX DIMENSIONS 10" (W) x 12" (L) X 6" (D).
   - FLOOR BOX HAS (4) CONDUIT KNOCKOUTS ON BOTTOM, NOT SHOWN.
   - ALL KNOCKOUTS ARE FOR 1.25" OR 1" CONDUIT.
2) COORDINATE FLOOR BOXES CARPET FLANGE SIZE AND COLOR WITH ARCHITECTURE/INTERIORS.
3) PLACE ACOUSTICAL PUTTY ON THE BACK OF DEVICES THAT PENETRATE ELEVATED FLOOR SLAB TO MAINTAIN ACOUSTICAL SEPARATION BETWEEN FIRST AND SECOND FLOOR SPACES.
4) MAINTAIN SEPERATION BETWEEN ELECTRICAL AND TELECOMMUNICATIONS CABLING.
5) REFER TO ELECTRICAL DRAWINGS FOR POWER REQUIREMENTS.
6) IF REQUIRED, REFER TO AV DRAWINGS FOR AUDIO VISUAL CONNECTIONS.

3 MULTI-FUNCTIONAL FLOOR BOX DETAIL
N.T.S.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

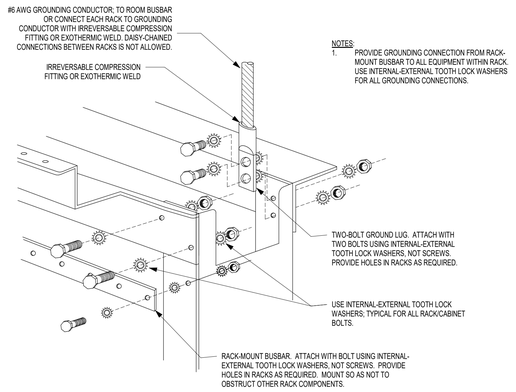
SHEET TITLE:
TELECOMMUNICATIONS DETAILS
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

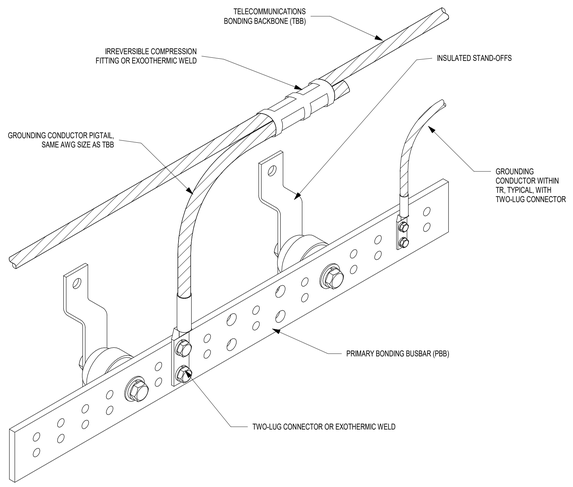
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

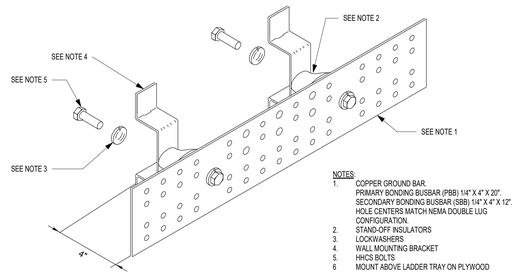
SHEET NUMBER:
T5.103



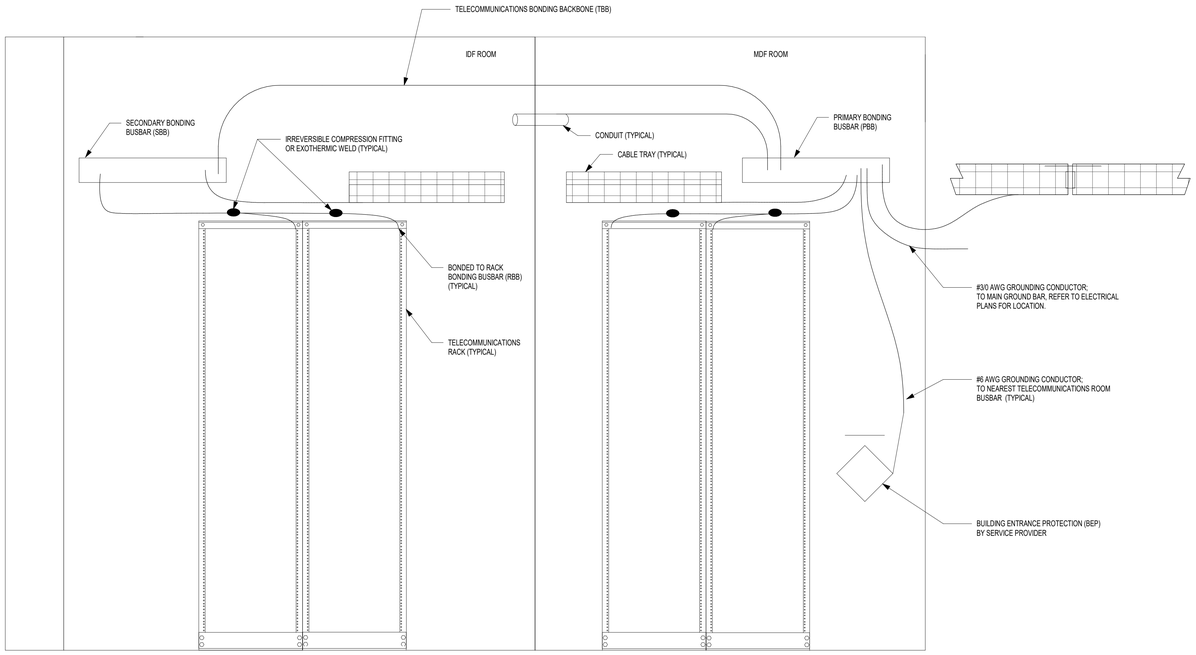
1 RACK GROUNDING DETAIL
N.T.S.



3 BUSBAR CONNECTION DETAIL
N.T.S.



4 BONDING BUSBAR DETAIL
N.T.S.



2 TYPICAL TELECOMMUNICATIONS ROOM GROUNDING DETAIL
N.T.S.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
TELECOMMUNICATIONS DETAILS
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
T5.104

DATA PANEL: RM206-R2-P5

CABINET: RM206-R2
NETWORK: POTS
CABLE TYPE: CAT6
CABLE COLOR: GRAY

PORT /PAIR	WAO NUMBER
1	107-F1-A
2	134-F4-A
3	208-F2-A
4	211-F2-A
5	211-F3-A
6	
7	
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NOTES:

DATA PANEL: RM206-R2-P6

CABINET: RM206-R2
NETWORK: DATA/VOICE
CABLE TYPE: CAT6
CABLE COLOR: GREEN

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	101-F1-A	25	118-F10-B
2	101-F1-B	26	118-F11-A
3	101-F2-A	27	118-F11-B
4	101-F2-B	28	132-F3-A
5	101-F3-A	29	132-F3-B
6	101-F3-B	30	132-F3-C
7	102-F1-A	31	132-F3-D
8	102-F2-A	32	133-F4-A
9	104-F5-A	33	133-F4-B
10	104-F5-B	34	133-F5-A
11	105-F1-A	35	133-F5-B
12	108-F1-A	36	133-F6-A
13	118-F2-A	37	133-F6-B
14	118-F3-A	38	143-F1-A
15	118-F3-B	39	144-F1-A
16	118-F3-C	40	145-F1-A
17	118-F3-D	41	145-F1-B
18	118-F4-A	42	145-F2-A
19	118-F5-A	43	145-F2-B
20	118-F7-A	44	
21	118-F8-A	45	
22	118-F9-A	46	
23	118-F9-B	47	
24	118-F10-A	48	

NOTES:

DATA PANEL: RM206-R2-P7

CABINET: RM206-R2
NETWORK: DATA/VOICE
CABLE TYPE: CAT6
CABLE COLOR: GREEN

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	146-F1-A	25	153-F2-A
2	146-F1-B	26	153-F2-B
3	146-F2-A	27	204-F1-A
4	146-F2-B	28	204-F1-B
5	146-F3-A	29	204-F2-A
6	146-F3-B	30	204-F2-B
7	148-F1-A	31	204-F3-A
8	148-F1-B	32	206-F1-A
9	148-F2-A	33	206-F1-B
10	148-F2-B	34	206-F2-A
11	149-F1-A	35	206-F2-B
12	149-F1-B	36	206-F3-A
13	149-F2-A	37	208-F1-A
14	149-F2-B	38	208-F3-A
15	152-F1-A	39	208-F3-B
16	152-F1-B	40	210-F1-A
17	152-F2-A	41	210-F1-B
18	152-F2-B	42	210-F2-A
19	152-F3-A	43	
20	152-F3-B	44	
21	152-F4-A	45	
22	152-F4-B	46	
23	153-F1-A	47	
24	153-F1-B	48	

NOTES:

DATA PANEL: RM206-R2-P8

CABINET: RM206-R2
NETWORK: DATA/VOICE
CABLE TYPE: CAT6
CABLE COLOR: GREEN

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	212-F1-A	25	217-F1-B
2	212-F2-A	26	217-F2-A
3	212-F2-B	27	217-F2-B
4	215-F1-A	28	218-F2-A
5	215-F1-B	29	218-F2-B
6	215-F2-A	30	218-F4-A
7	215-F2-B	31	218-F4-B
8	215-F3-A	32	220-F2-A
9	215-F4-A	33	220-F3-A
10	215-F4-B	34	220-F4-A
11	215-F5-A	35	222-F1-A
12	215-F5-B	36	222-F1-B
13	215-F5-C	37	222-F2-A
14	215-F5-D	38	222-F2-B
15	215-F6-A	39	225-F1-A
16	215-F7-A	40	225-F1-B
17	215-F7-B	41	225-F2-A
18	215-F7-C	42	225-F2-B
19	215-F7-D	43	
20	215-F8-A	44	
21	215-F8-B	45	
22	215-F8-C	46	
23	215-F8-D	47	
24	217-F1-A	48	

NOTES:

DATA PANEL: RM206-R2-P9

CABINET: RM206-R2
NETWORK: MULTIMEDIA
CABLE TYPE: RG6 COAXIAL
CABLE COLOR: BLACK

PORT /PAIR	WAO NUMBER
1	102-F1-B
2	102-F2-B
3	118-F2-B
4	118-F4-B
5	118-F5-B
6	118-F7-B
7	118-F8-B
8	215-F3-B
9	215-F6-B
10	220-F2-B
11	220-F3-B
12	220-F4-B
13	
14	
15	
16	

NOTES:

DATA PANEL: RM206-R2-P10

CABINET: RM206-R2
NETWORK: WIFI
CABLE TYPE: CAT6
CABLE COLOR: YELLOW

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	102-F5-A	25	
2	102-F5-B	26	
3	102-F6-A	27	
4	102-F6-B	28	
5	104-F3-A	29	
6	104-F3-B	30	
7	118-F13-A	31	
8	118-F13-B	32	
9	118-F14-A	33	
10	118-F14-B	34	
11	137-F7-A	35	
12	137-F7-B	36	
13	146-F4-A	37	
14	146-F4-B	38	
15	204-F3-A	39	
16	204-F3-B	40	
17	220-F9-A	41	
18	220-F9-B	42	
19	221-F1-A	43	
20	221-F1-B	44	
21	224-F1-A	45	
22	224-F1-B	46	
23		47	
24		48	

NOTES:

DATA PANEL: RM206-R2-P11

CABINET: RM206-R2
NETWORK: DATA/VOICE
CABLE TYPE: CAT6
CABLE COLOR: GREEN

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	GEN-F1-A	25	
2	GEN-F1-B	26	
3	GEN-F2-A	27	
4	GEN-F2-B	28	
5	EV-F1-A	29	
6	EV-F1-B	30	
7	EV-F2-A	31	
8	EV-F2-B	32	
9	PL-F1-A	33	
10	PL-F1-B	34	
11	PL-F2-A	35	
12	PL-F2-B	36	
13	PL-F3-A	37	
14	PL-F3-B	38	
15		39	
16		40	
17		41	
18		42	
19		43	
20		44	
21		45	
22		46	
23		47	
24		48	

NOTES: REFER TO CIVIL UTILITIES PLANS FOR ROUTING TO GENERATOR ENCLSOURE, PARKING LOT ACCESS/EXIT CONTROL, AND EV CHARGERS.

DATA PANEL: RM206-R3-P1

CABINET: RM206-R2
NETWORK: CAMERAS
CABLE TYPE: CAT6
CABLE COLOR: GREEN

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	102-F3-A	25	133-F3-A
2	102-F4-A	26	134-F1-A
3	103-F1-A	27	134-F2-A
4	104-F1-A	28	134-F3-A
5	104-F2-A	29	141-F1-A
6	104-F4-A	30	142-F2-A
7	118-F1-A	31	EXT-F1-A
8	118-F6-A	32	EXT-F2-A
9	118-F12-A	33	EXT-F3-A
10	122-F6-A	34	EXT-F4-A
11	122-F7-A	35	EXT-F5-A
12	122-F8-A	36	EXT-F6-A
13	122-F19-A	37	EXT-F7-A
14	122-F20-A	38	EXT-F8-A
15	122-F21-A	39	EXT-F9-A
16	122-F22-A	40	EXT-F10-A
17	122-F23-A	41	
18	122-F24-A	42	
19	122-F25-A	43	
20	122-F26-A	44	
21	122-F27-A	45	
22	123-F1-A	46	
23	133-F1-A	47	
24	133-F2-A	48	

NOTES:

DATA PANEL: RM206-R3-P2

CABINET: RM206-R2
NETWORK: CAMERAS
CABLE TYPE: CAT6
CABLE COLOR: GREEN

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	220-F1-A	25	218-F3-A
2	220-F5-A	26	218-F3-B
3	220-F6-A	27	225-F3-A
4	220-F7-A	28	225-F3-B
5	220-F8-A	29	
6	220-F10-A	30	
7	221-F2-A	31	
8	VC-0090-A	32	
9	VC-0090-B	33	
10	VC-0090-C	34	
11	VC-0092-A	35	
12	VC-0092-B	36	
13	VC-0094-A	37	
14	VC-0096-A	38	
15	VC-0096-B	39	
16	VC-0098-A	40	
17	VC-0098-B	41	
18	VC-0098-C	42	
19	VC-0100-A	43	
20	VC-0100-B	44	
21	VC-0100-C	45	
22	VC-0102-A	46	
23	VC-0102-B	47	
24		48	

NOTES: WAO 218-F3 AND 225-F3 FOR CAMERA SYSTEM MONITORING.

DATA PANEL: RM211-R1-P3

CABINET: RM211-R1
NETWORK: TSANET
CABLE TYPE: CAT6
CABLE COLOR: GREEN

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	119-F1-A	25	122-F9-C
2	119-F1-B	26	122-F9-D
3	120-F1-A	27	122-F10-A
4	120-F1-B	28	122-F10-B
5	120-F2-A	29	122-F10-C
6	120-F2-B	30	122-F10-D
7	121-F1-A	31	122-F11-A
8	121-F1-B	32	122-F11-B
9	121-F2-A	33	122-F11-C
10	121-F2-B	34	122-F11-D
11	122-F1-A	35	122-F12-A
12	122-F1-B	36	122-F12-B
13	122-F2-A	37	122-F12-C
14	122-F2-B	38	122-F12-D
15	122-F3-A	39	122-F13-A
16	122-F3-B	40	122-F13-B
17	122-F4-A	41	122-F14-A
18	122-F4-B	42	122-F14-B
19	122-F5-A	43	122-F14-C
20	122-F5-B	44	122-F14-D
21	122-F5-C	45	
22	122-F5-D	46	
23	122-F9-A	47	
24	122-F9-B	48	

NOTES:

DATA PANEL: RM211-R1-P4

CABINET: RM211-R1
NETWORK: TSANET
CABLE TYPE: CAT6
CABLE COLOR: GREEN

PORT /PAIR	WAO NUMBER	PORT /PAIR	WAO NUMBER
1	122-F15-A	25	142-F3-A
2	122-F15-B	26	142-F3-B
3	122-F16-A	27	142-F4-A
4	122-F16-B	28	142-F4-B
5	122-F16-C	29	157-F1-A
6	122-F16-D	30	157-F1-B
7	122-F17-A	31	157-F2-A
8	122-F17-B	32	157-F2-B
9	122-F17-C	33	200-F1-A
10	122-F17-D	34	200-F1-B
11	122-F18-A	35	200-F2-A
12	122-F18-B	36	200-F2-B
13	126-F1-A	37	201-F1-A
14	126-F2-A	38	201-F1-B
15	126-F2-B	39	201-F2-A
16	126-F3-A	40	201-F2-B
17	126-F3-B	41	211-F1-A
18	126-F3-C	42	211-F1-B
19	126-F3-D	43	211-F1-C
20	126-F4-A	44	211-F1-D
21	126-F4-B	45	
22	126-F5-A	46	
23	126-F5-B	47	
24	142-F1-A	48	

NOTES: WAO 142-F3 AND 142-F4 FOR MONITORING BAGGAGE SCREENING EQUIPMENT

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
PANEL SCHEDULES

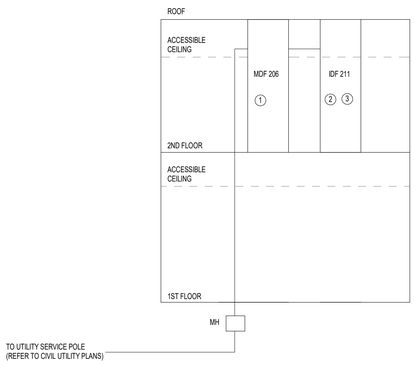
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

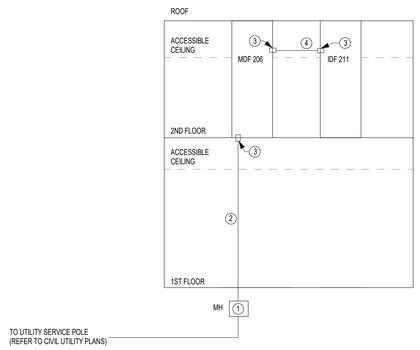
SHEET NUMBER:
T6.101



NOTES:

1. COORDINATE UTILITY SERVICE CONNECTION TO MDF WITH TELECOMMUNICATIONS SERVICE PROVIDER(S).
2. PROVIDE 12 STRAND SINGLE-MODE FIBER BACKBONE FROM MDF 206.
3. PROVIDE 25 PAIR COPPER BACKBONE FROM MDF 206.

1 TELECOMMUNICATIONS BACKBONE CABLING RISER DIAGRAM
N.T.S.



GENERAL NOTES:

1. RISER IS DIAGRAMATIC ONLY.
2. RISER SHOWS ENTRANCE AND BACKBONE PATHWAYS. PROVIDE ADDITIONAL PATHWAYS FOR HORIZONTAL CABLING, AS REQUIRED.

NOTES:

1. MANHOLE LOCATED 5-10' FROM BUILDING
2. 4-4" CONDUITS
3. 4-4" FIRE RATED SLEEVES
4. 2-4" CONDUITS FOR BACKBONE CABLING

3 TELECOMMUNICATIONS BACKBONE PATHWAY RISER DIAGRAM
N.T.S.

GENERAL NOTES:

A. COMPLY WITH NEC AND TIA/EIA STANDARDS.
B. CONNECT EACH SECONDARY BONDING BUSBAR (SBB) TO THE PRIMARY BONDING BUSBAR (PBB) WITH TELECOMMUNICATIONS BONDING BACKBONE (TBB).
C. BOND PRIMARY BONDING BUSBAR (PBB) TO MAIN SERVICE GROUND BAR (MSGB) WITH TELECOMMUNICATIONS BONDING BACKBONE (TBB).
D. GROUND ALL COMMUNICATIONS RACKS, CABLE TRAYS, CONDUITS, ETC. WITH #6 AWG (MINIMUM) COPPER GROUNDING CONDUCTOR TO THE BUSBAR WITHIN THE NEAREST COMMUNICATIONS ROOM.
E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL GROUNDING AND LIGHTNING PROTECTION REQUIREMENTS.

NOTES:

1. PROVIDE PRIMARY BONDING BUSBAR (PBB) CONNECTED TO BUILDING MAIN SERVICE GROUND BAR (MSGB). REFER TO ELECTRICAL DRAWINGS FOR LOCATION.
2. PROVIDE SECONDARY BONDING BUSBAR (SBB). REFER TO TELECOM PLANS FOR QUANTITY AND LOCATION.
3. GROUNDING AND SURGE PROTECTION OF CABLES ENTERING MDF BY SERVICE PROVIDER.

4 TELECOMMUNICATIONS GROUNDING RISER DIAGRAM
N.T.S.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:

AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
TELECOMMUNICATIONS RISER DIAGRAM

BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JWC	JWC	BKW	KLR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
T7.101

AUDIO VISUAL SYMBOLS

SURFACE MOUNTED LOUDSPEAKER, 'X' INDICATES TYPE. REFERENCE SURFACE MOUNTED LOUDSPEAKER SCHEDULE ON SHEET TA.600 FOR SPECIFIC INFORMATION FOR EACH TYPE.

AUDIOVISUAL EQUIPMENT CABINET, 'XX' INDICATES TYPE. REFERENCE EQUIPMENT CABINET SCHEDULE ON SHEET TA.600 FOR SPECIFIC INFORMATION FOR EACH TYPE.

CEILING LOUDSPEAKER, 'X' INDICATES TYPE. REFERENCE CEILING LOUDSPEAKER SCHEDULE ON SHEET TA.600 FOR SPECIFIC INFORMATION FOR EACH TYPE.

FLAT SCREEN DISPLAY, 'YY' INDICATES TYPE. 'XX' INDICATES DIAGONAL SIZE. REFERENCE DISPLAY SCHEDULE ON SHEET TA.600 FOR SPECIFIC INFORMATION FOR EACH TYPE.

FLOOR CONNECTOR ASSEMBLY (FCA). 'XX' INDICATES TYPE. REFERENCE FCA TYPE SCHEDULE ON SHEET TA.600 FOR SPECIFIC INFORMATION FOR EACH TYPE

WALL CONNECTOR ASSEMBLY (WCA). 'XX' INDICATES TYPE. REFERENCE WCA TYPE SCHEDULE ON SHEET TA.600 FOR SPECIFIC INFORMATION FOR EACH TYPE.

SHADED AREA INDICATES AREA TO RECEIVE PAGING COVERAGE

AUDIO VISUAL ABBERVIATIONS

AC	ALTERNATING CURRENT
A/D	ANALOG TO DIGITAL CONVERTER
ADA	AMERICANS WITH DISIBILITIES ACT
AES	AUDIO ENGINEERING SOCIETY
AEC	ACOUSTIC ECHO CANCELLATION
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AIA	AMERICAN INSTITUTE OF ARCHITECTS
AM	AMPLITUDE MODULATION
AMP	AMPLIFIER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ANT	ANTENNA
AUX	AUXILIARY
AV	AUDIOVISUAL
AWG	AMERICAN WIRE GAUGE
BFC	BELOW FINISHED CEILING
BFF	BELOW FINISHED FLOOR
BPF	BAND PASS FILITER
BRAF	BELOW RAISED ACCESS FLOOR
BRF	BAND REJECT FILTER
BRI	BASIC RATE INTERFACE
BTU	BRITISH THERMAL UNIT
CATV	COMMUNITY ACCESS TELEVISION
CH	CHANNEL
CKT	CIRCUIT
CMRR	COMMON MODE REJECTION RATIO
CO	CENTRAL OFFICE
CODEC	CODER/DECODER
CPU	CENTRAL PROCESSING UNIT
CRT	CATHODE RAY TUBE
CT	CABLE TRAY
CTS	CERTIFIED TECHNOLOGY SPECIALIST
CTS-D	CERTIFIED TECHNOLOGY SPECIALIST - DESIGN
CTS-I	CERTIFIED TECHNOLOGY SPECIALIST - INSTALLATION
DA	DISTRIBUTION AMP
D/A	DIGITAL TO ANALOG CONVERTER
dB	DECIBEL
DC	DIRECT CURRENT
DIST	DISTRIBUTION
DSL	DIGITAL SUBSCRIBER LINE
DSP	DIGITAL SIGNAL PROCESSING
DVD	DIGITAL VERSATILE DISC
DVI	DIGITAL VISUAL INTERFACE
EBU	EUROPEAN BROADCASTING UNION
EMI	ELECTROMAGNETIC INTERFERENCE
EMT	ELECTRICAL METALLIC TUBING
E/W	EQUIPPED WITH
FCC	FEDERAL COMMUNICATIONS COMMISSION
FM	FREQUENCY MODULATION
FREQ	FREQUENCY
GA	GAUGE
GHz	GIGAHERTZ
GND	GROUND
HD	HIGH DEFINITION
HDMI	HIGH DEFINITION MULTIMEDIA INTERFACE
HDSDI	HIGH DEFINITION SERIAL DIGITAL INTERFACE
HF	HIGH FREQUENCY
HPF	HIGH PASS FILTER
HVAC	HEATING, VENTILATION & AIR-CONDITIONING
ID	IDENTIFICATION
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
IP	INTERNET PROTOCOL
IPTV	INTERNET PROTOCOL TELEVISION
IR	INFRARED
ISDN	INTEGRATED SERVICES DIGITAL NETWORK
ISO	INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
kHz	KILOHERTZ
KVM	KEYBOARD, VIDEO, MOUSE
KWH	KILOWATT-HOURS

LAN	LOCAL AREA NETWORK
LCD	LIQUID CRYSTAL DISPLAY
LED	LIGHT-EMITTING DIODE
LPF	LOW PASS FILTER
MATV	MASTER ANTENNA TELEVISION
MHz	MEGAHERTZ
MIC	MICROPHONE
MM	MULTI-MODE
MNT	MOUNT
MUX	MULTIPLEXER
N	NEWTON
NA	NOT APPLICABLE
NAB	NATIONAL ASSOCIATION OF BROADCASTERS
NEC	NATIONAL ELECTRICAL CODE
NESC	NATIONAL ELECTRICAL SAFETY CODE
NI	NETWORK INTERFACE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OEM	ORIGINAL EQUIPMENT MANUFACTURER
OFCI	OWNER-FURNISHED CONTRACTOR INSTALLED
OFE	OWNER-FURNISHED EQUIPMENT
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PB	PULL BOX
PC	PERSONAL COMPUTER
PCM	PULSE CODE MODULATION
PE	PROFESSIONAL ENGINEER
PP	PATCH PANEL
PR	PAIR
PTZ	PAN, TILT, ZOOM
RAF	RAISED ACCESS FLOOR
RCDD	REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
RCP	REFLECTED CEILING PLAN
RF	RADIO FREQUENCY
RFI	RADIO FREQUENCY INTERFACE
RFQ	REQUEST FOR QUOTE
RGBHV	5-WIRE COMPONENT VIDEO SIGNAL (RED BLUE GREEN HORIZONTAL VERTICAL)
RU	RACK UNIT (1-3/4")
SAT	SATELLITE
SDI	SERIAL DIGITAL INTERFACE
SI	SYSTEM INTERNATIONAL
SL	SLEEVE
SM	SINGLE-MODE
SNR, S/R	SIGNAL TO NOISE RATIO
SP	SERVICE PROVIDER
SPL	SOUND PRESSURE LEVEL
STA	STATION
SYS	SYSTEM
T&C	TERMS & CONDITIONS
TEL	TELEPHONE
TELCO	TELEPHONE COMPANY
TERM	TERMINATION
THD	TOTAL HARMONIC DISTORTION
THD+N	TOTAL HARMONIC DISTORTION + NOISE
TP	TWISTED PAIR
TV	TELEVISION
UBC	UNIFORM BUILDING CODE
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
USB	UNIVERSAL SERIAL BUS
UTP	UNSHIELDED TWISED PAIR
VC	VOLUME CONTROL
VU	VOLUME UNIT
WW	WIRE WAY
WX	WIRELESS
YC	S-VIDEO (Y: LUMINANCE, C: CHROMINANCE)

AUDIO VISUAL GENERAL NOTES

1 THE DRAWINGS ARE DIAGRAMMATIC ONLY AND MAY NOT SHOW ALL COMPONENTS, MATERIALS, OFFSETS, BENDS, ELBOWS AND OTHER SPECIFIC ELEMENTS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING MATERIALS NEEDED FOR A COMPLETE AND FUNCTIONAL INSTALLATION.

2 PRIOR TO INSTALLATION OF DEVICES, FIELD-VERIFY DEVICE LOCATIONS WITH DUE REGARD TO AS-BUILT CONDITIONS, COORDINATION WITH THE WORK OF OTHER TRADES AND MANUFACTURERS' RECOMMENDATIONS.

3 CONDUIT BENDS SHALL BE SWEEPS TO MAINTAIN PROPER CABLE BEND RADIUS. CONDUITS SHALL BE DEBURRED, HAVE 200LB PULLSTRINGS AND BUSHING INSTALLED. CONDUIT SHALL TERMINATE WITH PLASTIC BUSHING TO PREVENT BURRS FROM DAMAGINGS CABLES.

4 CONDUIT STUB-OUTS SHALL BE EXTENDED TO NEAREST ACCESSIBLE CEILING SPACE. FOR ROOMS WITH HARD CEILINGS, CONDUIT SHALL BE ROUTED TO ADJOINING CORRIDOR IN COMMON WITH A ROOM DOOR. CONDUITS SHALL NOT PASS THROUGH OTHER ROOMS TO REACH A CORRIDOR, UNLESS THE ROOM IS COMPLETELY SURROUNDED BY OTHER ROOMS OR SPACES (E.G., ELEVATORS AND INACCESSIBLE CHASES).

5 EMPTY CONDUITS SHALL BE DEBURRED, TAGGED AND PROVIDE WITH A PULL STRING OR DRAG WIRE.

6 PULL BOXES AND JUNCTION BOXES SHALL BE PROVIDED PER LOCAL CODES AND STANDARDS TO FACILITATE THE EASE IN PULLING OF FUTURE CABLING. AT A MINIMUM, PROVIDE ONE (1) PULL BOX FOR EVERY 100 FEET OF STRAIGHT CONDUIT RUN, AND ONE (1) PULL BOX AFTER TWO (2) 90-DEGREE BENDS

7 CABLES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE BY APPROVED J-HOOKS OR SLINGS WHEN NOT IN CONDUIT OR COMMON LOW VOLTAGE CABLE TRAY. CABLES TRANSITIONING FROM CABLE TRAY TO CONDUIT SPANNING MORE THAN 3 FEET SHALL BE SUPPORTED

8 PROVIDE BLANK PLATES FOR BOXES LEFT EMPTY OR DENOTED AS "BLANK" FOR FUTURE INSTALLATIONS.

9 PRIOR TO ORDER, SUBMIT FACEPLATE, JACK, AND DEVICE COLOR SAMPLES TO ARCHITECT FOR REVIEW.

10 REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PROPER OUTLET MOUNTING HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN.

11 REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR POWER CONDUITS, CIRCUITS, RECEPTACLES, CABLES, ETC.

12 REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR DIMENSIONED CORE HOLE PENETRATIONS.

13 CONDUIT PENETRATIONS SHALL BE PROPERLY FIRESTOPPED PER CODE. CABLE TRAY SHALL NOT PENETRATE FIRE & SMOKE WALLS. LISTED FIRESTOP ASSEMBLIES SHALL BE USED TO PENETRATE FIRE & SMOKE WALLS FOR CABLE TRAY PATHWAYS.

14 FIELD VERIFY DIMENSIONS PRIOR TO INSTALLATION. NOTIFY THE DESIGNER OF ANY DEVIATIONS EXCEEDING 6 INCHES.

15 ALL POWER CIRCUITS SERVING AN AUDIOVISUAL SYSTEM MUST BE ON THE SAME PHASE BUT, MAY NOT BE ON THE SAME PHASE AS ANY LIGHTING, MICROWAVE OVENS, COMPRESSORS, ELECTRICAL MOTORS OR SIMILAR DEVICES WITH HIGH CURRENT DRAW OR NOISE INDUCTION POTENTIAL.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
AUDIO VISUAL LEGENDS, SYMBOLS & ABBREVIATIONS

BID DOCUMENTS

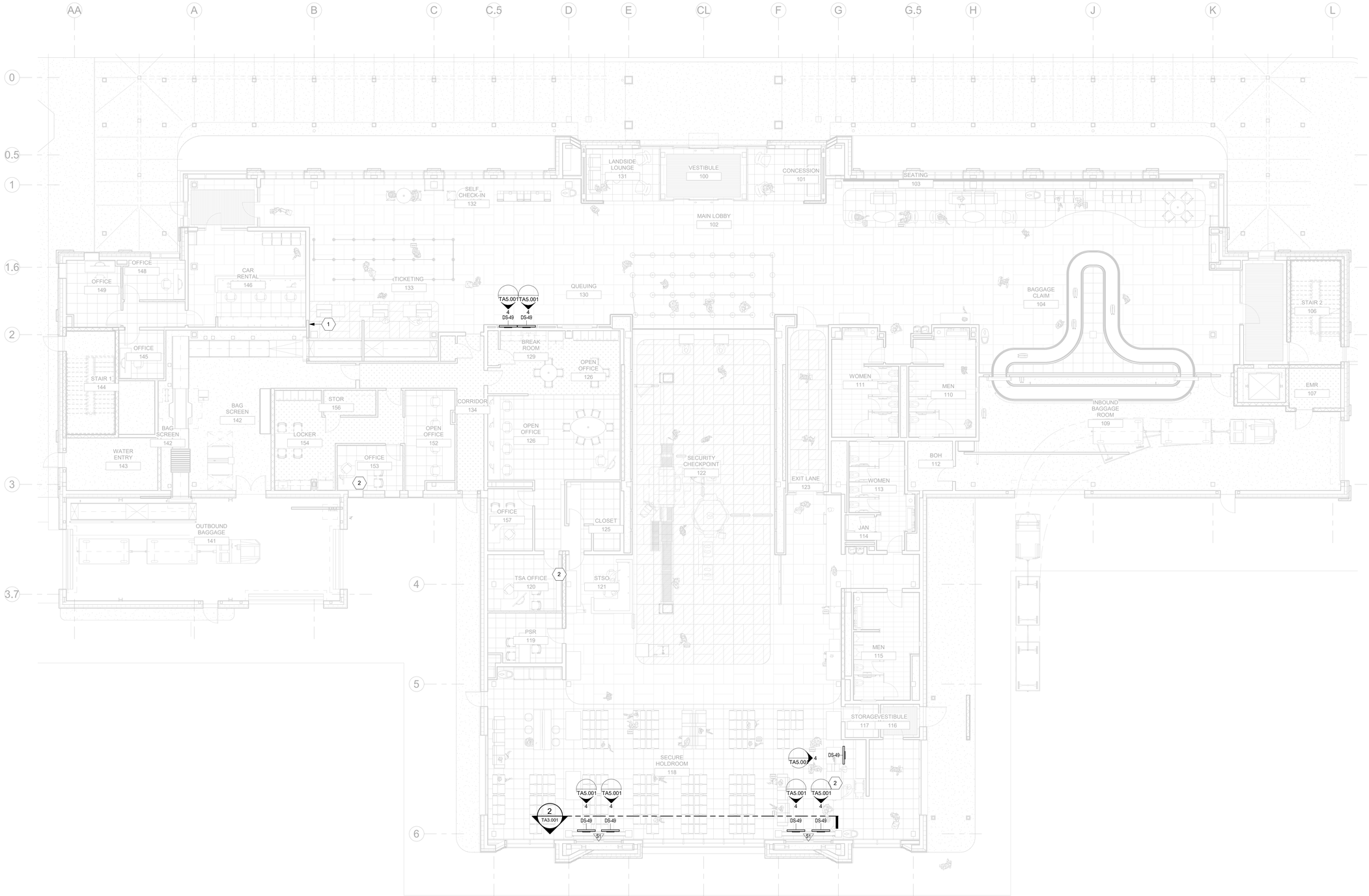
DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
TA0.001

SHEET KEYNOTES	
KEY VALUE	KEYNOTE TEXT
1	COMPACT WALL MOUNTED PAGING STATION. PROGRAM THE FOLLOWING THREE (3) PAGING ZONES: 1. LOBBY 2. ARRIVAL/DEPARTURE 3. LOBBY & ARRIVAL/DEPARTURE
2	FULL FUNCTION DESKTOP PAGING STATION



1 LEVEL 1 - OVERALL PLAN
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 FLOOR PLAN

BID DOCUMENTS

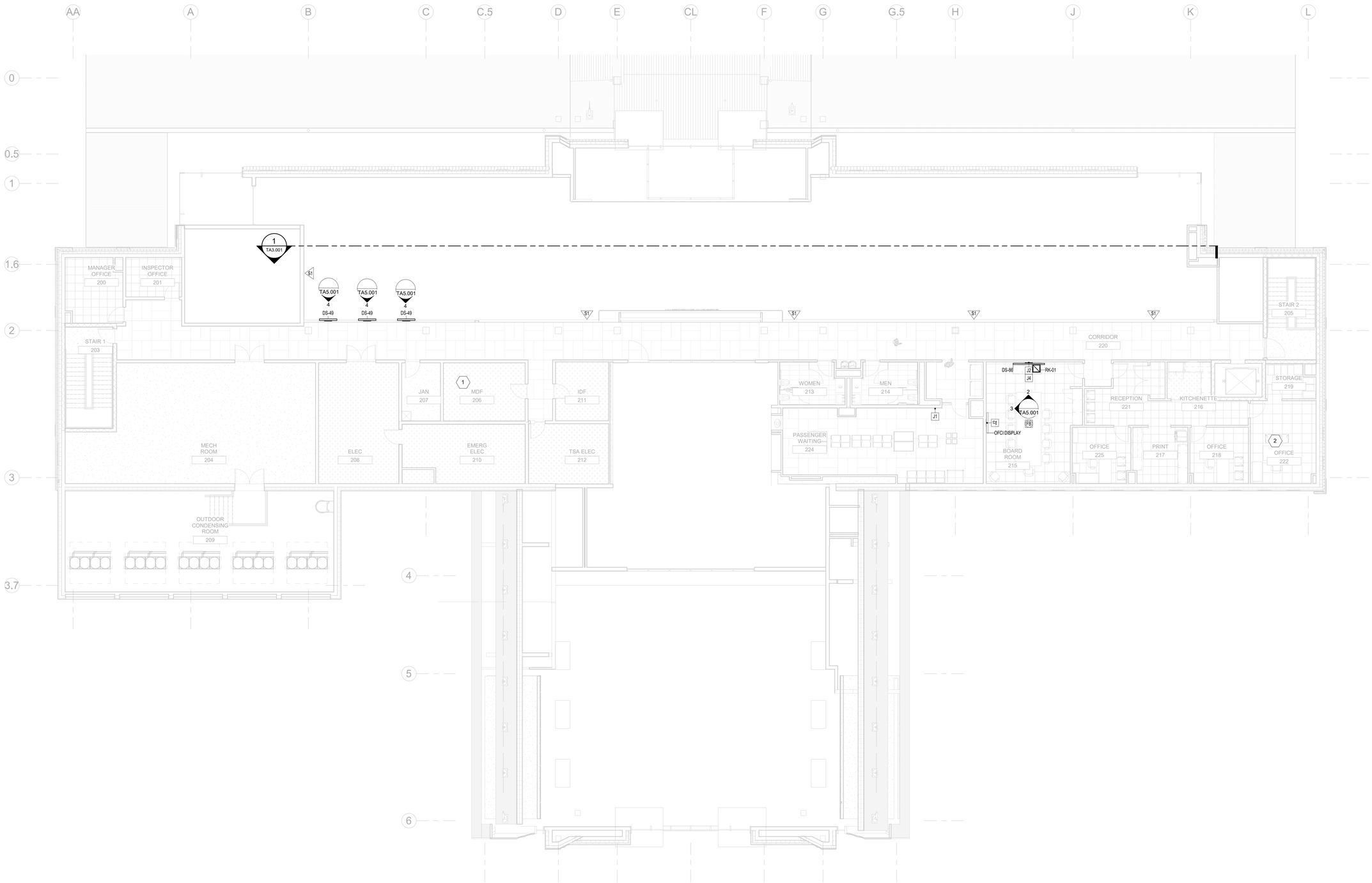
DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
TA1.101

SHEET KEYNOTES	
KEY VALUE	KEYNOTE TEXT
1	PAGING SYSTEM EQUIPMENT LOCATED IN TR. EQUIPMENT CABINET PROVIDED BY TELECOM.
2	FULL FUNCTION DESKTOP PAGING STATION



1 LEVEL 2 - OVERALL PLAN
1/8" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 FLOOR PLAN

BID DOCUMENTS

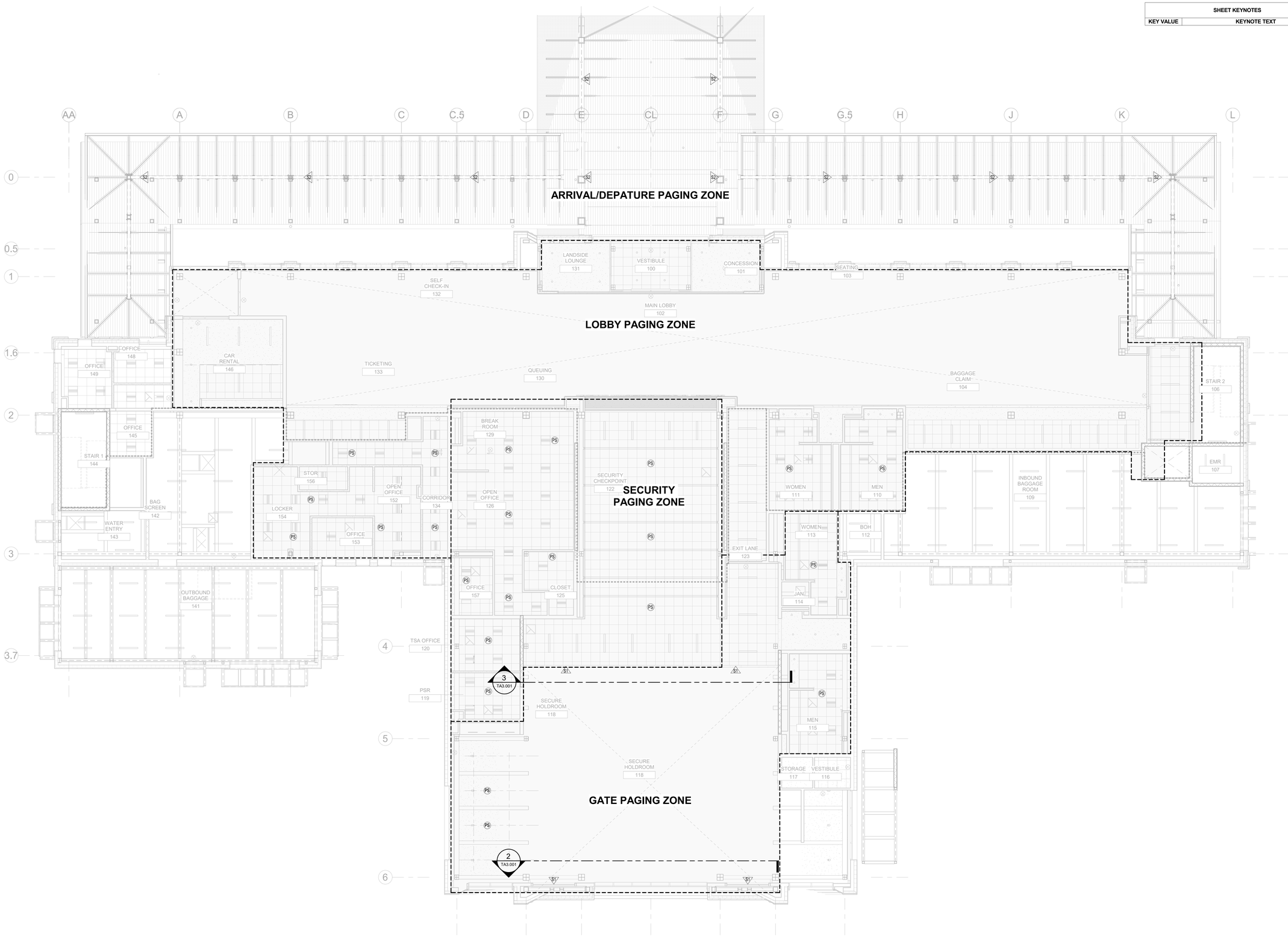
DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
TA1.102

SHEET KEYNOTES	
KEY VALUE	KEYNOTE TEXT



1 LEVEL 1 - OVERALL RCP
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 1 REFLECTED CEILING PLAN

BID DOCUMENTS

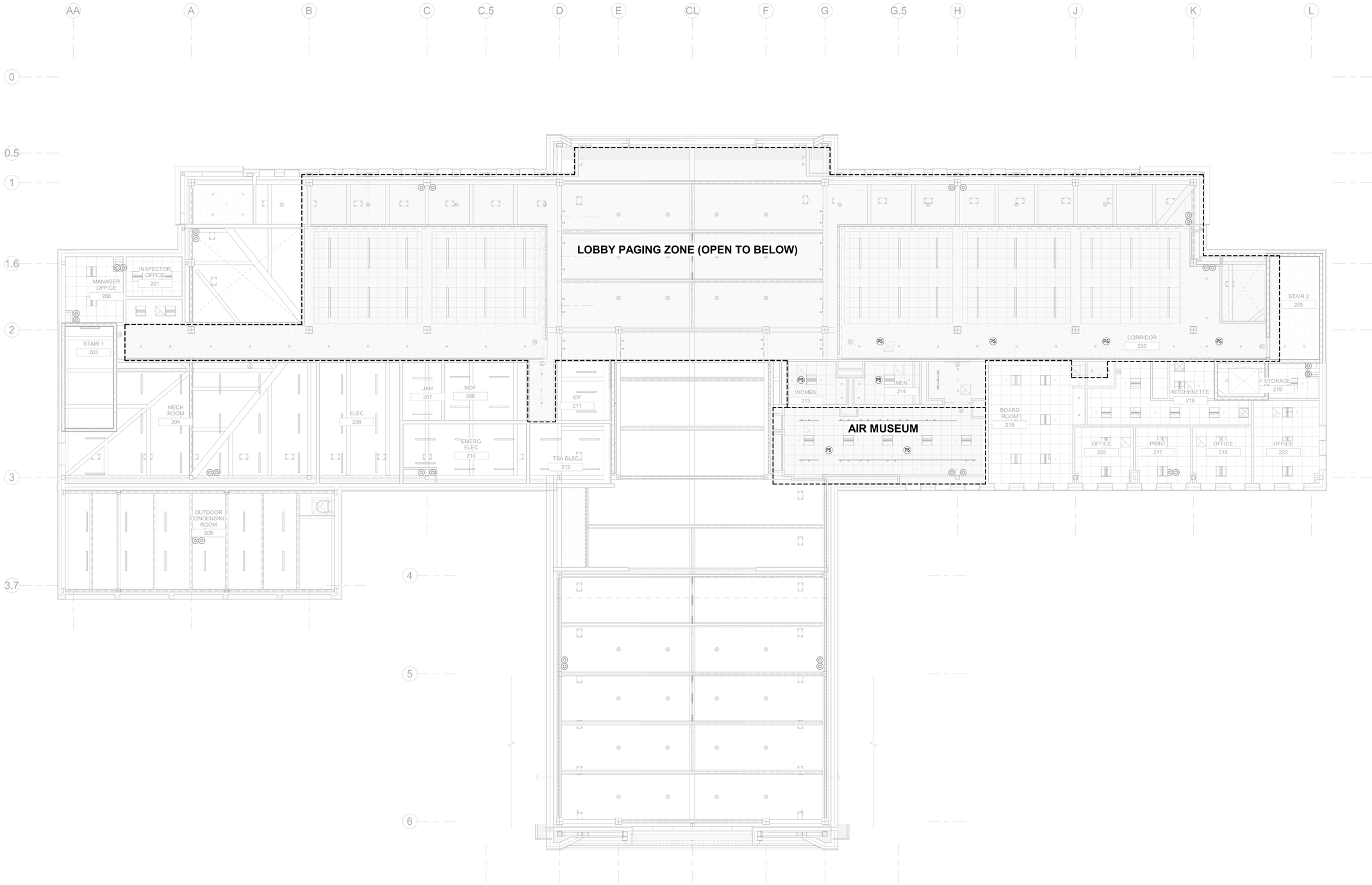
DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
TA2.101

SHEET KEYNOTES	
KEY VALUE	KEYNOTE TEXT



1 LEVEL 2 - OVERALL RCP
1/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AEROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
LEVEL 2 REFLECTED CEILING PLAN

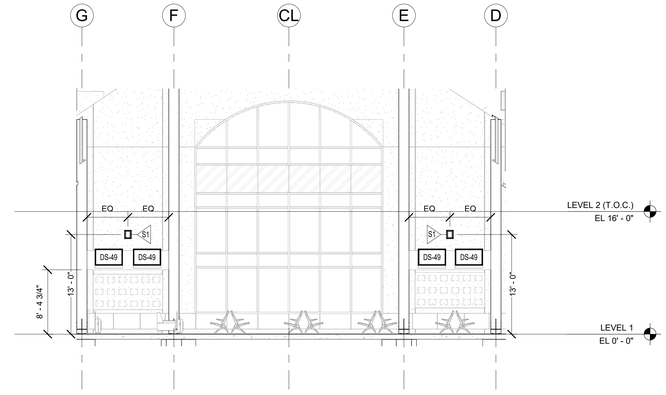
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

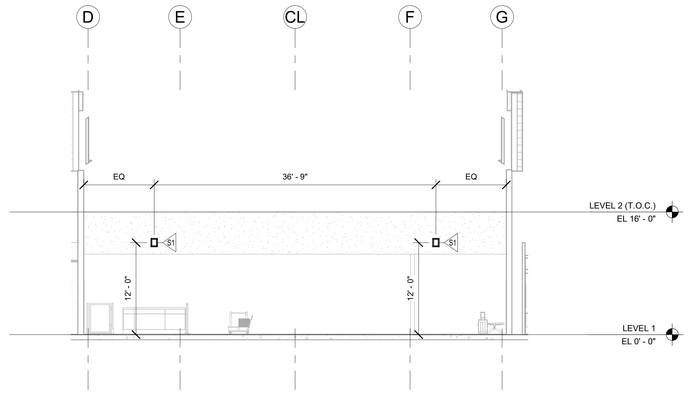
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

SCALE: AS NOTED
DATE: 06/05/2024

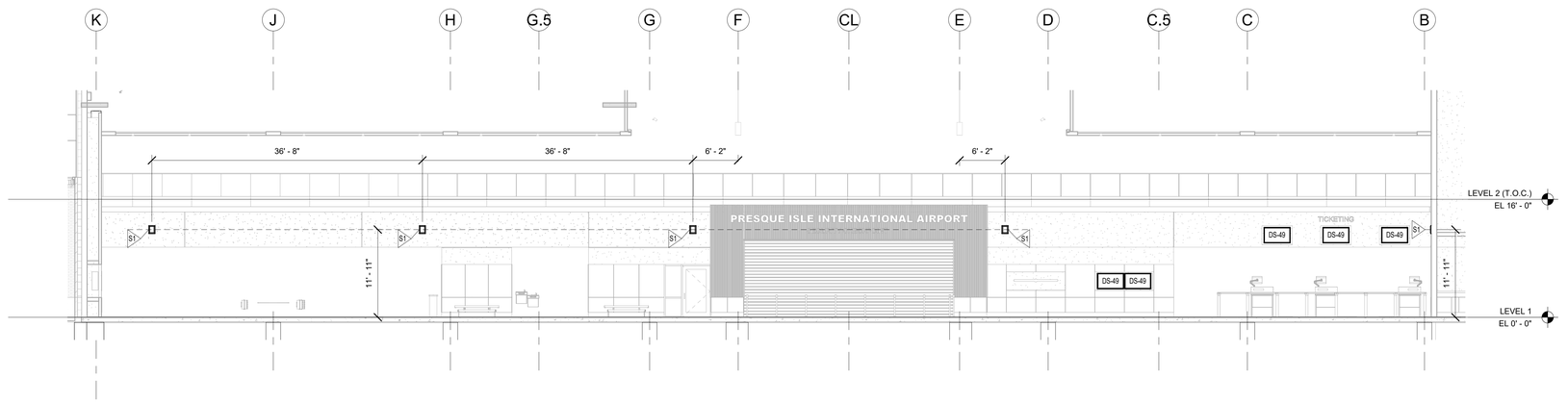
SHEET NUMBER:
TA2.102



② SECURE HOLDROOM - SOUTH WALL
1/8" = 1'-0"



③ SECURE HOLDROOM - NORTH WALL
1/8" = 1'-0"



① LOBBY ELEVATION
1/8" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
AUDIO VISUAL SECTIONS

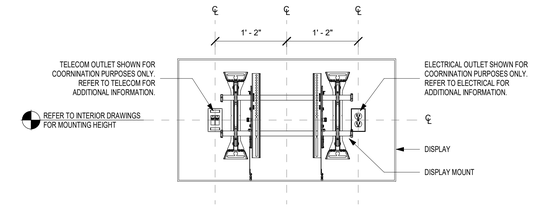
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

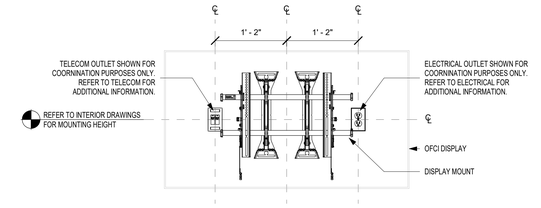
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

SCALE: AS NOTED
DATE: 06/05/2024

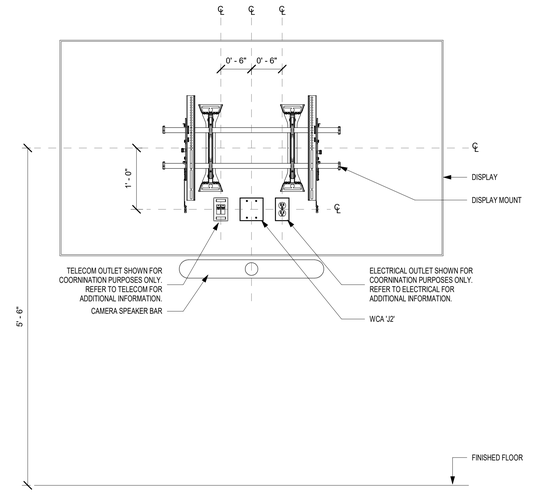
SHEET NUMBER:
TA3.001



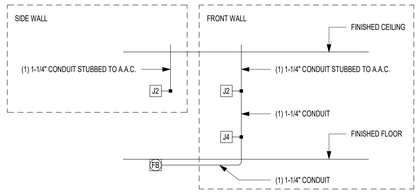
4 AUDIO VISUAL DISPLAY MOUNTING DETAIL - TYPE 'DS-49'
1" = 1'-0"



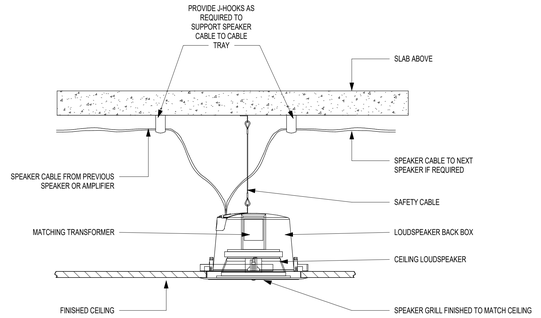
3 AUDIO VISUAL DISPLAY MOUNTING DETAIL - TYPE 'DS-55'
1" = 1'-0"



2 AUDIO VISUAL DISPLAY MOUNTING DETAIL - TYPE 'DS-86'
1" = 1'-0"



5 AUDIO VISUAL RISER DIAGRAM - BOARD ROOM
N.T.S.



1 CEILING SPEAKER MOUNTING DETAIL - ACCESSIBLE CEILING
N.T.S.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
AUDIO VISUAL DETAILS
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
TA5.001

AUDIO VISUAL SCHEDULES

SURFACE MOUNTED LOUDSPEAKER SCHEDULE, 'X' INDICATES TYPE		
DEVICE TYPE	**DESCRIPTION**	**FUNCTION**
S1	IN-WALL 70V LOUDSPEAKER	PAGING
S2	OUTDOOR RATED 70V CANOPY SURFACE MOUNTED LOUDSPEAKERS	PAGING

AUDIO VISUAL EQUIPMENT CABINET SCHEDULE, 'XX' INDICATES TYPE		
DEVICE TYPE	**DESCRIPTION**	**FUNCTION**
RK-01	12 RU CREDENZA AV EQUIPMENT CABINET	HOUSE BOARD ROOM AUDIO VISUAL EQUIPMENT

CEILING LOUDSPEAKER SCHEDULE, 'X' INDICATES TYPE		
DEVICE TYPE	**DESCRIPTION**	**FUNCTION**
PS	4.5" CEILING MOUNTED LOUDSPEAKER	PAGING

FLAT SCREEN DISPLAY SCHEDULE, 'XX' INDICATES TYPE	
DEVICE TYPE	**DESCRIPTION**
DS-49	49" FLAT PANEL DISPLAY
DS-86	84" FLAT PANEL DISPLAY
OFCI DISPLAY	55" VIDEO CONFERENCING DISPLAY

FLOOR CONNECTOR ASSEMBLY (FCA) TYPE SCHEDULE, 'XX' INDICATES TYPE				
DEVICE TYPE	**INFRASTRUCTURE BOX**	**MOUNTING HEIGHT**	**INFRASTRUCTURE CONDUIT**	**FUNCTION**
FB	SHARED WITH ELECTRICAL - REFER TO ELECTRICAL	N/A	REFER TO CONDUIT RISER ON TA-701	TABLE CONNECTIVITY

WALL CONNECTOR ASSEMBLY (WCA) TYPE SCHEDULE, 'XX' INDICATES TYPE				
DEVICE TYPE	**INFRASTRUCTURE BOX**	**MOUNTING HEIGHT**	**INFRASTRUCTURE CONDUIT**	**FUNCTION**
J1	(1) 1-GANG, FLUSH MOUNTED, 2 1/2" DEEP BACK BOX	OUTLET HEIGHT	(1) 1" CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING	XLR-F AUDIO INPUT FROM MUSEUM VIDEO
J2	(1) 2-GANG, FLUSH MOUNTED, 2 1/2" DEEP BACK BOX	REFER TO MOUNTING DETAILS FOR MOUNTING HEIGHT	REFER TO CONDUIT RISER ON TA-701	MONITOR OUTPUT LOCATION
J4	(1) 4-GANG, FLUSH MOUNTED, 2 1/2" DEEP BACK BOX	OUTLET HEIGHT	REFER TO CONDUIT RISER ON TA-701	RACK LOCATION

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
AUDIO VISUAL SCHEDULES
BID DOCUMENTS

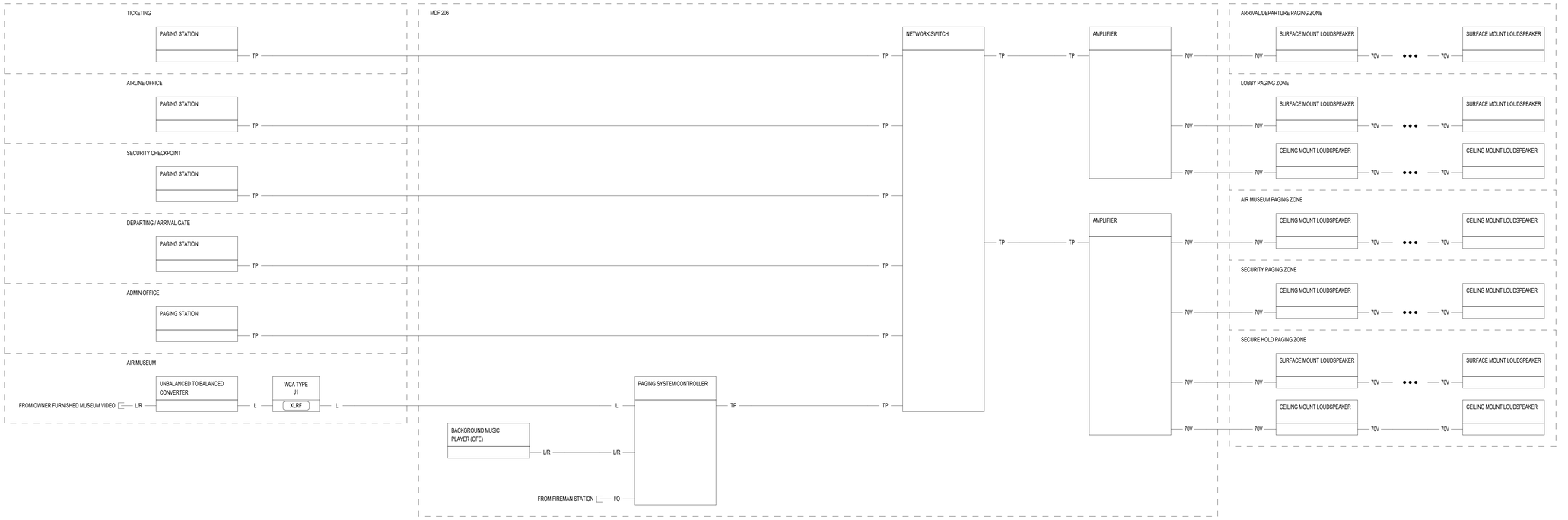
DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

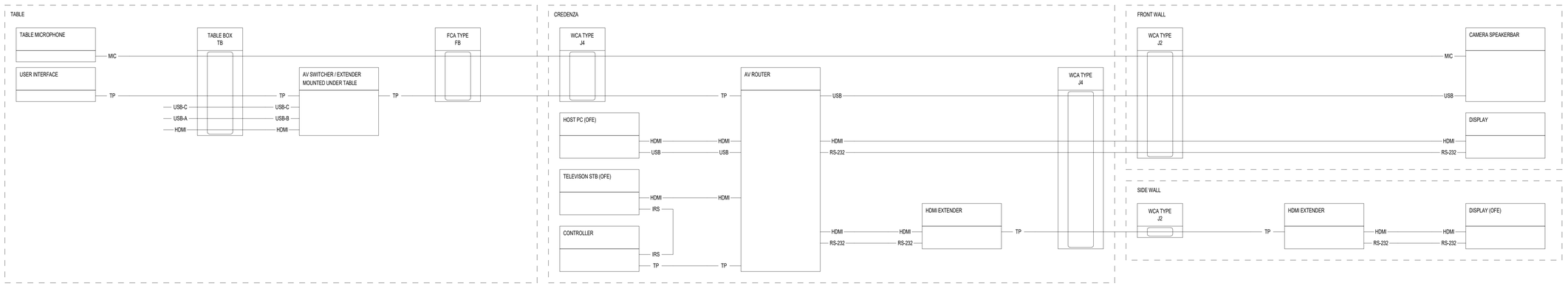
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
TA6.001

3 AUDIO VISUAL LOGICAL DIAGRAM - SIGNAGE
N.T.S.



2 AUDIO VISUAL LOGICAL DIAGRAM - PAGING
N.T.S.



1 AUDIO VISUAL LOGICAL DIAGRAM - BOARD ROOM
N.T.S.

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
AUDIO VISUAL LOGICAL DIAGRAMS
BID DOCUMENTS

DISCIPLINE:
COMMUNICATIONS

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
JM	JM	GR	KR

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
TA7.001

ABBREVIATIONS

AC	AIR-CONDITIONING
ACC	ACCESSIBLE
ACOUST	ACOUSTICAL
ACS	ACCESS CONTROL SYSTEM
ACT	ACOUSTICAL CEILING TILE
ACR	ACRYLIC
ADA	AMERICAN DISABILITY ACT
AD	AREA DRAIN
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL;ARCHITECT
ATO	AIRLINE TICKETING OPERATIONS
ATTD	ATTACHED
BD	BOARD
BEL	BELOW
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK(ING)
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BS	BOTH SIDES
BTWN	BETWEEN
CAB	CABINET
CB	CATCH BASIN
CAC	CONTINUOUS ACCELERATED CONSTRUCTION
CEM	CEMENT
CFL	COMPACT FLUORESCENT LIGHTING
CG	CORNER GUARD
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLNG	CEILING
CLR	CLEAR(ANCE)
CLR OPG	CLEAR OPENING
CMU	CONCRETE MASONRY UNIT
COL(S)	COLUMN(S)
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR, CORRUGATED
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CW	CURTIANWALL
D	DEEP, DEPTH
DAL	DELTA AIRLINES
DBL	DOUBLE
DEMO	DEMOLISH/DEMOLITION
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DIV	SPECIFICATION DIVISION
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DPIP	DIGITAL PASSENGER INFORMATION PROGRAM
DWG	DRAWING
EA	EACH
EB	EXPANSION BOLT
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR (EDPM)
ENCL	ENCLOSURE
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
ESC	ESCALATOR
ETD	EXPLOSIVE TRACE DETECTION
EV	ELEVATOR
EX	EXISTING
EXEC	EXECUTIVE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FAB	FABRICATE(D)
FACP	FIRE ALARM CONTROL PANEL
FAST	FASTEN(ER)
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FID, FIDS	FLIGHT INFORMATION DISPLAY SYSTEM
FIN	FINISH
FIXT	FIXTURE
FL	FLOOR
FLUOR	FLUORESCENT
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FP	FIRE PROTECTION
FRP	FIBER REINFORCED PLASTIC
FRT	FIRE RETARDANT
FT	FEET / FOOT
FTG	FOOTING
FURR	FURRING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GFRC	GLASS FIBER REINFORCED COLUMN
GL	GLASS
GR	GRADE
GWB	GYPSUM BOARD
H	HIGH, HEIGHT
HB	HOSE BIBB
HC	HOLLOW CORE
HDCP	HANDICAP PERSON
HDWD	HARDWOOD
HDWE	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HVAC	HEATING, VENTILATING AND AIR-CONDITIONING
ID	INSIDE DIAMETER
INCAND	INCANDESCENT
INCL	INCLUDE(D, ING)
INSTL	INSTALLED
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JT	JOINT
KD	KILN-DRIED
KO	KNOCKOUT
L	LONG, LENGTH
LAM	LAMINATE(D)
LAV	LAVATORY
LCC	LEAD-COATED COPPER
LH	LEFT HAND
LP	LOW POINT
LTG	LIGHTING
MACH	MACHINE
MAG	WALK THROUGH METAL DETECTOR
MANUF	MANUFACTURER
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MED	MEDIUM, MEDIAN
MEMB	MEMBRANE
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MOD	MODULAR
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MWK	MILLWORK
NAT	NATURAL
N.I.C.	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
O.C.	ON CENTER
OCC	OCCUPANT
OD	OUTSIDE DIAMETER
OFF	OFFICE
OPNG	OPENING
OPP H	OPPOSITE HAND
OPP	OPPOSITE
PC	PRECAST
PERF	PERFORATED
PERIM	PERIMETER
PL	PLATE
PLAM	PLASTIC LAMINATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PP	POWER POLE
PR	PAIR
PT	POINT
P-T	PRESSURE-TREATED
PTD	PAINTED
PTN	PARTITION
QTY	QUANTITY
QTZ	QUARTZ
R	RADIUS, RISER
RUB	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE	RESIDENT ENGINEER
REF	REFERENCE
REG	REGISTER
REINF	REINFORCED
RENOV	RENOVATE(D)
REQ	REQUIRED
RESIL	RESILIENT
RET	RETURN
REV	REVISION
RGS	RIGID GALVANIZED STEEL (CONDUIT)
RH	RIGHT HAND
RWL	RAIN WATER LEADER
RM	ROOM
RO	ROUGH OPENING
SC	SOLID CORE
SCHED	SCHEDULE
SECT	SECTION
SEP	SEPARATE
SHT	SHEET
SHTH	SHEATHING
SIM	SIMILAR
SPEC	SPECIFICATIONS
SQ	SQUARE
SS	SERVICE SINK
SST, ST STL	STAINLESS STEEL
STA	STATION
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
T	TREAD
TCO	TEMPORARY CERTIFICATE OF OCCUPANCY
TEMP	TEMPORARY, TEMPERED
TEL	TELEPHONE
TER	TERRAZZO
THK	THICK(NESS)
THRU	THROUGH
TIX	TICKETING
TO	TOP OF
TOC	TOP OF CURB, TOP OF CONCRETE
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TV	TELEVISION
TYP	TYPICAL
TSA	TRANSPORTATION SECURITY AGENCY
UNF	UNFINISHED
UON	UNLESS OTHERWISE NOTED
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VIN	VINYL
W	WIDE, WIDTH
W/	WITH
WC	WATER CLOSET
WF	WATER FOUNTAIN
WD	WOOD
WDB	WIRELESS DURESS BUTTON
WIN	WINDOW
WO	WINDOW OPENING
W/O	WITHOUT
WP	WORKING POINT
WPR	WATERPROOF(ING)
WS	WEATHERSTRIP(ING)
WT	WEIGHT
WWF	WELDED WIRE FABRIC

GENERAL NOTES

1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS OF OTHER DIVISIONS AND WORK SPECIFICATIONS MUST APPLY. REFER TO GENERAL SPECIFICATIONS AND SPECIFICATIONS FOR ALL TRADES.
2. THE CONTRACT DOCUMENTS ARE INTENDED TO COVER THE COMPLETE AND PROPER EXECUTION OF THE ENTIRE NETWORK. DETAILS, PARTS, AND APPURTENANT WORK REQUIRED TO CARRY OUT THEIR INTENT, AND WORK NECESSARY FOR THE COMPLETE AND PROPER EXECUTION OF THE WORK, EVEN THOUGH NOT DELINEATED, DESCRIBED, MENTIONED OR INDICATED, MUST BE FURNISHED THE SAME AS IF THEY WERE SPECIFICALLY SHOWN OR MENTIONED. THE BID PRICE MUST BE DEEMED TO INCLUDE SUCH DETAILS, PARTS AND APPURTENANT WORK.
3. REFER TO NOTES ON INDIVIDUAL SHEETS FOR ADDTIONAL GUIDANCE AND REQUIREMENTS.
4. FOLLOW ALL SAFTEY PROCEDURES AND REQUIREMENTS INCLUDING NFPA 70E, OSHA AND REQUIREMENTS SET FORTH BY THE OWNER.
5. ALL WORK MUST CONFORM TO THE 2017 NATIONAL ELECTRICAL CODE, ALL APPLICABLE BUILDING CODES FOR THE STATE OF MAINE, AND ALL CIVIL AUTHROITIES HAVING JURISDICTION.
6. THE CONTRACTOR IS TO FAMILIARIZE THEMSELVES WITH THE REQUIREMENTS OF DEPARTMENTS HAVING JURISDICTION AND NOTIFY THE ENGINEER IF, IN ITS' OPINION, WORK OR MATERIAL SPECIFIED IS NOT PERMITTED. A SUBSTITUTE APPROVED BY THE LOCAL AUTHORITIES AND THE ENGINEER MUST BE FURNISHED AT NO ADDITIONAL COST TO THE OWNER.
7. PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO PERFORM THE WORK AS SPECIFIED ON THE CONTRACT DRAWINGS FOR A COMPLETE AND OPERATIONAL SECURITY SYSTEM, INCLUDING THE INSTALLATION AND WIRING OF MISCELLANEOUS EQUIPMENT AND DEVICES FURNISHED BY OTHERS OR SPECIFIED UNDER OTHER SPECIFICATION SECTIONS. PERFORM ALL WORK AND TESTING AS INDICATED AND SPECIFIED HEREIN.
8. ALL MATERIALS AND EQUIPMENT MUST BE NEW AND BEAR THE UNDERWRITERS LABORATORIES (UL) LISTING LABEL OR THAT OF AN ALTERNATE NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL).
9. COORDINATE ALL WORK WITH OTHER TRADES INCLUDING: ARCHITECTURAL, ELECTRICAL, STRUCTURAL, MECHANICAL, PLUMBING, SITE-CIVIL, DOOR HARDWARE AND FIRE ALARM WHERE APPLICABLE.
10. WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING
    A. INSTALLATION OF NEW IP CCTV CAMERAS
    B. INSTALLATION OF NEW ACS CARD READERS AND ASSOCIATED DEVICES
11. THE CONTRACTOR MUST COORDINATE ALL WORK WITH THE OWNER (MAINE/PQI) AND ENGINEER. THE OWNER MUST COOPERATE WITH THE CONTRACTOR, HOWEVER, THE REQUIREMENTS OF THE OWNER MUST SUPERSEDE THE CONVENIENCE OF THE CONTRACTOR. USE OF PREMISES IS TO BE RESTRICTED AS DIRECTED BY THE OWNER AND ENGINEER AND AS REQUIRED. DO NOT INTERFERE WITH OR DISRUPT EXISTING FUNCTIONS OR SERVICES WITHOUT PERMISSION OF THE OWNER AND ENGINEER. SEEK PERMISSION OF THE ENGINEER TO SCHEDULE DEMOLITION, CONSTRUCTION, STORAGE OF MATERIALS, OR TO PRESCHEDULE INTERRUPTION OF SERVICES.
12. ALL ELECTRICAL "TIE-INS" MUST BE COORDINATED.
13. CONTINUITY OF OPERATIONS OF THE EXISTING SECURITY/IT SYSTEMS MUST BE MAINTAINED AND PROTECTED THROUGHOUT THE PROJECT.
14. AFTER THE INSTALLATION OF THE SECURITY WORK IS COMPLETE AND AT SUCH TIME AS THE OWNER MAY DIRECT, THE CONTRACTOR MUST CONDUCT AN OPERATING TEST FOR APPROVAL. THE INSTALLTION MUST BE DEMONSTRATED TO OPERATE IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SPECIFICATION. TESTS MUST BE PERFORMED IN THE PRESENCE OF THE ENGINEER. THE CONTRACTOR MUST FURNISH ALL INSTRUMENTS AND PERSONNEL REQUIRED FOR TEST AND THE OWNER WILL FURNISH THE NECESSARY ELECTRICAL POWER FOR TESTING.
15. THE CONTACTOR MUST PERFORM ALL WORK NECESSARY TO OBTAIN APPROVALS FOR THE ENGINEER AND THE INSPECTING AUTORITIES WITHOUT ADDITIONAL COST TO THE OWNER.
16. CONTRACTOR MUST TAKE CARE TO AVOID ACCUMULATION OF DEBRIS, BOXES, CRATES, ETC. RESULTING FROM THE DEMOLITION OR INSTALLATION OF WORK. CONTRACTOR MUST REMOVE FROM THE PREMISIS EACH DAY ALL DEBRIS, BOXES, ETC. AND KEEP THE PREMISES CLEAN, SUBJECT TO THE OWNER'S DIRECTION.
17. DURING THE CONSTRUCTION OF THE PROJECT THE CONTRACTOR MUST KEPP A RECORD OF MODIFICATIONS TO THE CONSTRUCTION DOCUMENTS. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR MUST SUBMIT A PRINT OF THE FINAL "AS-BUILT CONSTRUCTION DRAWINGS" FOR REVIEW.
18. CONTRACTOR MUST CLEAN ALL IN SCOPE SECURITY DEVICES, PANELS, EQUIPMENT, ETC.

SECURITY DEVICE SYMBOLS

- CAMERA (DIRECTION OF CAMERA LENS INDICATES FIELD OF VIEW DIRECTION)
- 2-HEAD CAMERA (180° FIELD OF VIEW)
- 3-HEAD CAMERA (270° FIELD OF VIEW)
- 4-HEAD CAMERA (360° FIELD OF VIEW)
- CIB — CAMERA INTERFACE BOX (8" X 10" X 6" STL ENCLOSURE)
- DIB — DOOR INTERFACE BOX (12" X 12" X 4" STL ENCLOSURE)
- J — JUNCTION BOX (SIZED BY CONTRACTOR)
- CR-XXXX — ACS DOOR CARD READER TAG
- VC-XXXX — CAMERA TAG
- DB-XXXX — DURESS BUTTON TAG
- M / B — DOOR POSITION SWITCH
- S / H — HORN / STROBE
- POWER TRANSFER HINGE
- S / P — PROX / PIN CARD READER
- L / R — REQUEST TO EXIT (REX) MICROSWITCH
- WIRELESS DURESS BUTTON
- F / L — ELECTRIFIED LEVER SET

SECURITY SHEET LIST

#	Sheet Name
SE-001	SECURITY LEGENDS, SYMBOLS & ABBREVIATIONS
SE-100	SECURITY FLOOR PLAN - LEVEL 1
SE-200	SECURITY FLOOR PLAN - LEVEL 2
SE-600	SECURITY SCHEDULES - 1 OF 2
SE-601	SECURITY SCHEDULES - 2 OF 2
SE-700	SECURITY - TYPICALS - 1 OF 2
SE-701	SECURITY - TYPICALS - 2 OF 2
SE-702	SECURITY - TYPICALS - CCTV - 1 OF 2
SE-703	SECURITY - TYPICALS - CCTV - 2 OF 2
SE-800	SECURITY - LINE DIAGRAMS - ACS
SE-801	SECURITY - LINE DIAGRAMS - CCTV
SE-802	SECURITY - LINE DIAGRAMS - DURESS
SE-803	SECURITY - LINE DIAGRAMS - IDS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

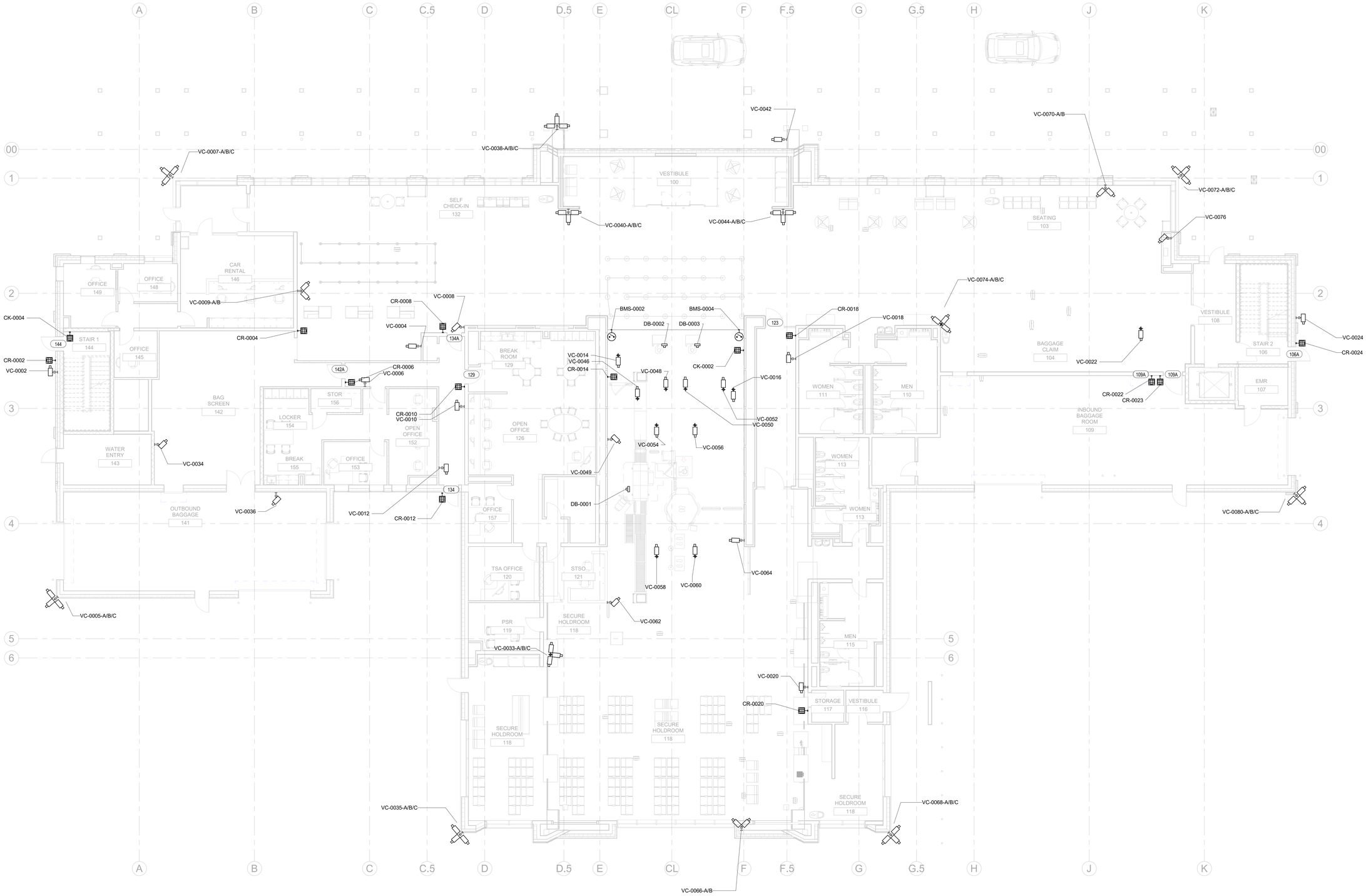
SHEET TITLE:
SECURITY LEGENDS, SYMBOLS & ABBREVIATIONS
BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-001



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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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CONSULTANT:

PROJECT NUMBER AND TITLE:

60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:

SECURITY FLOOR PLAN - LEVEL 1

BID DOCUMENTS

DISCIPLINE:

SECURITY

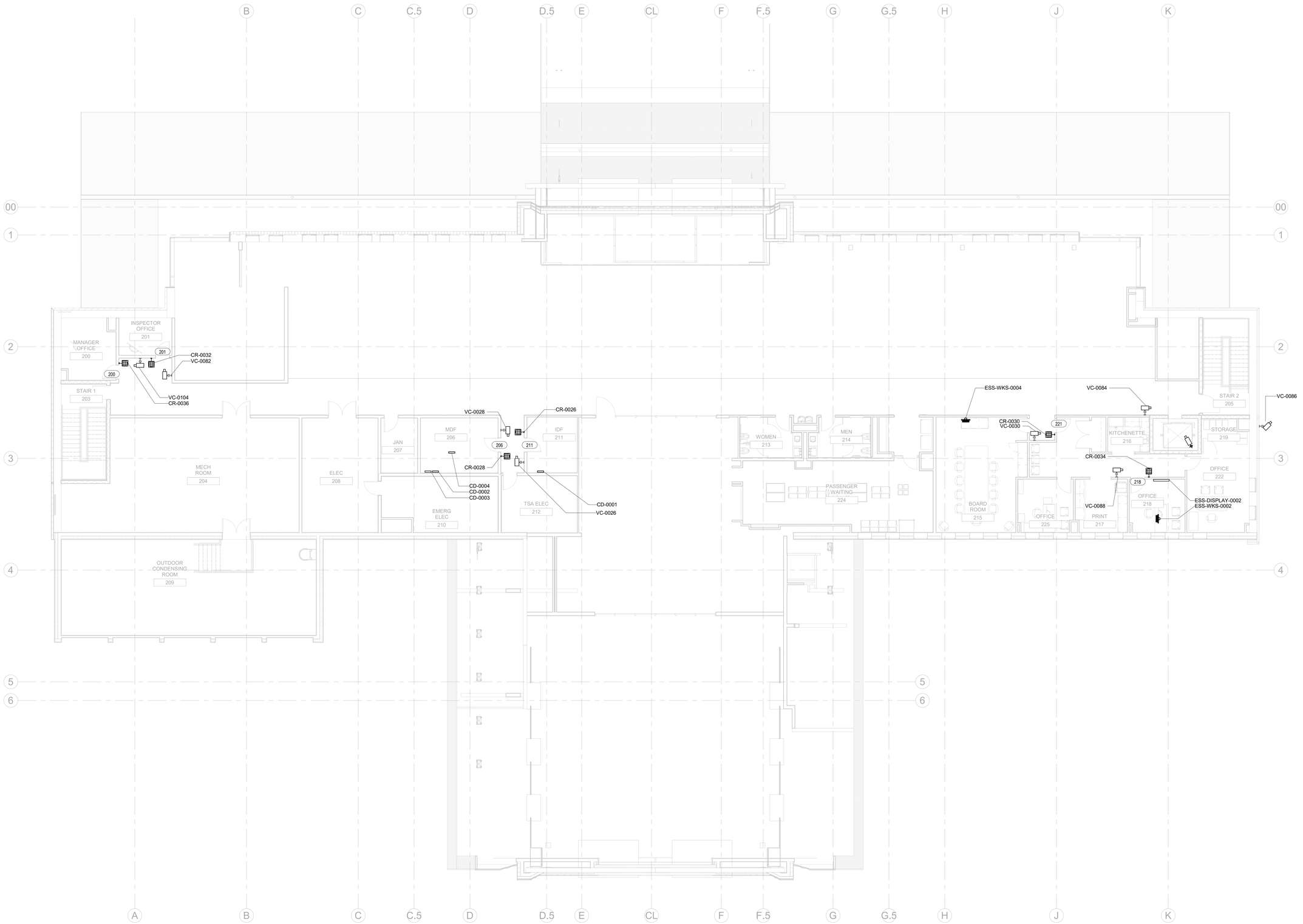
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED

DATE: 06/05/2024

SHEET NUMBER:

SE-100



PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
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AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY FLOOR PLAN - LEVEL 2

BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE:	DATE:
AS NOTED	06/05/2024

SHEET NUMBER:
SE-200

SECURITY - CAMERA SCHEDULE

DEVICE NAME	DRAWING NUMBER	CAMERA TYPE	ACS DOOR NUMBER	SWITCH LOCATION	CONSTRUCTION COMMENTS
VC-0002	SE-100	C1	CR-0002	MDF 206	-
VC-0004	SE-100	C2	CR-0004	MDF 206	-
VC-0005-A/B/C	SE-100	C4	-	MDF 206	3-HEAD CAMERA
VC-0006	SE-100	C2	CR-0006	MDF 206	-
VC-0007-A/B/C	SE-100	C4	-	MDF 206	3-HEAD CAMERA
VC-0008	SE-100	C2	CR-0008	MDF 206	-
VC-0009-A/B	SE-100	C2	-	MDF 206	2-HEAD CAMERA
VC-0010	SE-100	C2	CR-0010	MDF 206	-
VC-0012	SE-100	C2	CR-0012	MDF 206	-
VC-0014	SE-100	C3	CR-0014	MDF 206	-
VC-0016	SE-100	C3	CR-0016	MDF 206	-
VC-0018	SE-100	C2	CR-0018	MDF 206	-
VC-0020	SE-100	C2	CR-0020	MDF 206	-
VC-0022	SE-100	C3	CR-0022	MDF 206	-
VC-0024	SE-100	C1	CR-0024	MDF 206	-
VC-0026	SE-200	C2	CR-0026	MDF 206	-
VC-0028	SE-200	C2	CR-0028	MDF 206	-
VC-0030	SE-200	C2	CR-0030	MDF 206	-
VC-0033-A/B/C	SE-100	C3	-	MDF 206	3-HEAD CAMERA
VC-0034	SE-100	C2	-	MDF 206	-
VC-0035-A/B/C	SE-100	C4	-	MDF 206	3-HEAD CAMERA
VC-0036	SE-100	C2	-	MDF 206	-
VC-0038-A/B/C	SE-100	C4	-	MDF 206	3-HEAD CAMERA
VC-0040-A/B/C	SE-100	C2	-	MDF 206	3-HEAD CAMERA
VC-0042	SE-100	C2	-	MDF 206	-
VC-0044-A/B/C	SE-100	C2	-	MDF 206	3-HEAD CAMERA
VC-0046	SE-100	C3	-	MDF 206	-
VC-0048	SE-100	C3	-	MDF 206	-
VC-0049	SE-100	C2	-	MDF 206	-
VC-0050	SE-100	C3	-	MDF 206	-
VC-0052	SE-100	C3	-	MDF 206	-
VC-0054	SE-100	C3	-	MDF 206	-
VC-0056	SE-100	C3	-	MDF 206	-
VC-0058	SE-100	C3	-	MDF 206	-
VC-0060	SE-100	C3	-	MDF 206	-
VC-0062	SE-100	C2	-	MDF 206	-
VC-0064	SE-100	C2	-	MDF 206	-
VC-0066-A/B	SE-100	C2	-	MDF 206	2-HEAD CAMERA
VC-0068-A/B/C	SE-100	C4	-	MDF 206	3-HEAD CAMERA
VC-0070-A/B	SE-100	C2	-	MDF 206	2-HEAD CAMERA
VC-0072-A/B/C	SE-100	C4	-	MDF 206	3-HEAD CAMERA
VC-0074-A/B/C	SE-100	C3	-	MDF 206	3-HEAD CAMERA
VC-0076	SE-100	C2	-	MDF 206	-
VC-0080-A/B/C	SE-100	C4	-	MDF 206	3-HEAD CAMERA
VC-0082	SE-200	C2	-	MDF 206	-
VC-0084	SE-200	C1	-	MDF 206	-
VC-0086	SE-200	C1	-	MDF 206	-
VC-0088	SE-200	C2	CR-0034	MDF 206	-
VC-0090-A/B/C	C3.105	C5	-	MDF 206	3-HEAD CAMERA
VC-0092-A/B	C3.105	C5	-	MDF 206	2-HEAD CAMERA
VC-0094	C3.105	C5	-	MDF 206	-
VC-0096-A/B	C3.105	C5	-	MDF 206	2-HEAD CAMERA
VC-0098-A/B/C	C3.105	C5	-	MDF 206	3-HEAD CAMERA
VC-0100-A/B/C	C3.105	C5	-	MDF 206	3-HEAD CAMERA
VC-0102-A/B	C3.105	C5	-	MDF 206	2-HEAD CAMERA
VC-0104	SE-200	C2	CR-0036	MDF 206	-
VC-0106	SE-200	-	ELEVATOR	MDF 206	ELEVATOR CAMERA

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY SCHEDULES - 1 OF 2

BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-600

SECURITY - ACS DOOR SCHEDULE

DEVICE NAME	DRAWING NUMBER	ACS DOOR NUMBER	ACS TYPE	ACS CAMERA	CONTROL DEVICE	CONTROL DEVICE LOCATION	CONSTRUCTION COMMENTS
CR-0002	SE-100	144	D1	VC-0002	CD-0003	MDF 206	-
CR-0004	SE-100	N/A	D3	VC-0004	CD-0003	MDF 206	-
CR-0006	SE-100	142A	D1	VC-0006	CD-0003	MDF 206	-
CR-0008	SE-100	134A	D1	VC-0008	CD-0003	MDF 206	-
CR-0010	SE-100	129	D1	VC-0010	CD-0003	MDF 206	-
CR-0012	SE-100	134	D1	VC-0012	CD-0003	MDF 206	-
CR-0014	SE-100	N/A	N/A	VC-0014	CD-0003	MDF 206	VALIDATION READER
CR-0018	SE-100	123	D1	VC-0018	CD-0003	MDF 206	-
CR-0020	SE-100	116	D2	VC-0020	CD-0003	MDF 206	-
CR-0022	SE-100	109A	D3	VC-0022	CD-0003	MDF 206	-
CR-0023	SE-100	109.1	D1	VC-0022	CD-0003	MDF 206	-
CR-0024	SE-100	106A	D1	VC-0024	CD-0003	MDF 206	-
CR-0026	SE-200	211	D1	VC-0026	CD-0003	MDF 206	-
CR-0028	SE-200	206	D1	VC-0028	CD-0003	MDF 206	-
CR-0030	SE-200	221	D1	VC-0032	CD-0003	MDF 206	-
CR-0032	SE-200	202	D1	VC-0082	CD-0003	MDF 206	-
CR-0034	SE-200	218	D1	VC-0088	CD-0003	MDF 206	-
CR-0036	SE-200	200	D1	VC-0090	CD-0003	MDF 206	-

SECURITY - CONTROL DEVICE SCHEDULE

DEVICE NAME	DRAWING NUMBER	ACS CONTROLLER	IDS CONTROLLER	WIRELESS DURESS BUTTON ENCLOSURE	RACK MOUNTED NVR	DEVICE TYPICAL	CONTROL DEVICE LOCATION	CONSTRUCTION COMMENTS
CD-0001	SE-200	-	-	X	-	SE-701 / 4	IDF 211	-
CD-0002	SE-200	-	X	-	-	SE-701 / 3	MDF 206	-
CD-0003	SE-200	X	-	-	-	SE-701 / 3	MDF 206	-
CD-0004	SE-200	-	-	-	X	SE-701 / 2	MDF 206	RACK MOUNTED NVR

SECURITY - DURESS BUTTON SCHEDULE

DEVICE NAME	DRAWING NUMBER	CONTROL DEVICE	CONSTRUCTION COMMENTS
DB-0001	SE-100	CD-0001	-
DB-0002	SE-100	CD-0001	MOUNTED TO PODIUM
DB-0003	SE-100	CD-0001	MOUNTED TO PODIUM

SECURITY - IDS SCHEDULE

DEVICE NAME	DRAWING NUMBER	IDS - BMS	IDS - IDS KEYPAD	SWITCH LOCATION	CONSTRUCTION COMMENTS
BMS-0002	SE-100	X		MDF 206	-
BMS-0004	SE-100	X		MDF 206	-
CK-0002	SE-100		X	MDF 206	-
CK-0004	SE-100		X	MDF 206	-

SECURITY - MISCELLANEOUS SECURITY DEVICES

DEVICE NAME	ESS MONITORING WORKSTATION	CCTV DISPLAY	BADGING WORKSTATION	DRAWING NUMBER	CONSTRUCTION COMMENTS
ESS-DISPLAY-0002	-	X	-	SE-200	LARGE FORMAT DISPLAY - CCTV
ESS-WKS-0002	-	-	X	SE-200	BADGING WORKSTATION
ESS-WKS-0004	X	-	-	SE-200	ESS MONITORING WORKSTATION

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY SCHEDULES - 2 OF 2

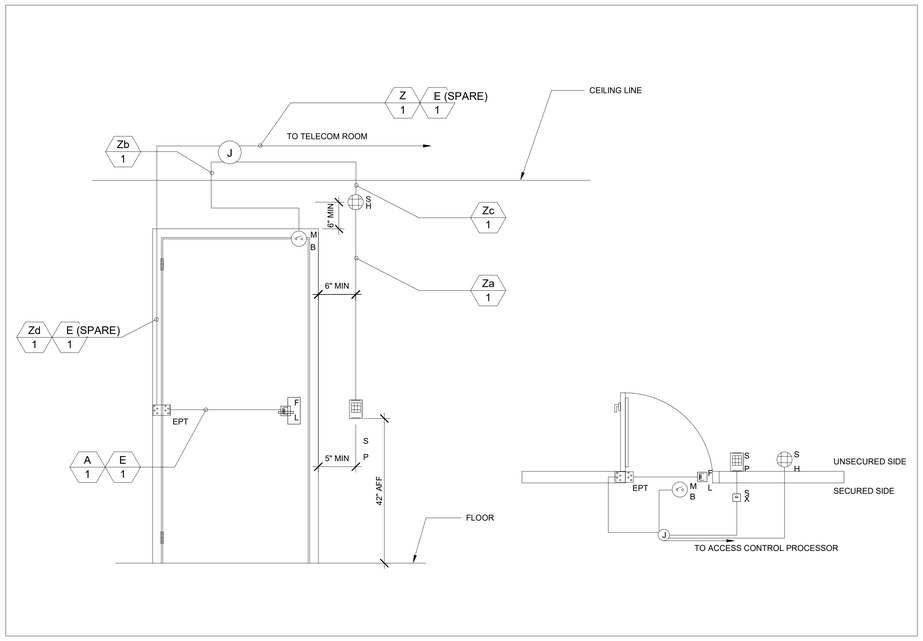
BID DOCUMENTS

DISCIPLINE:
SECURITY

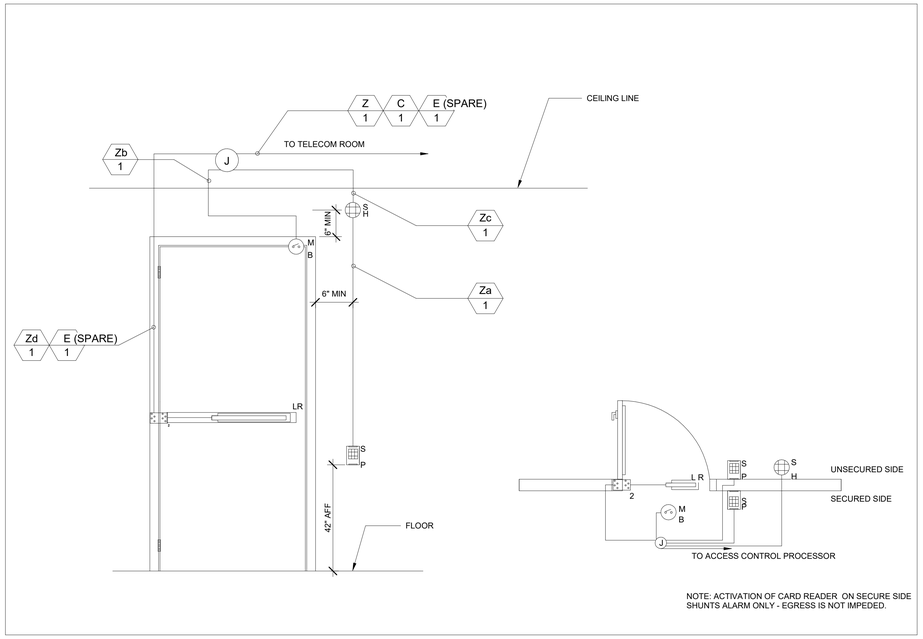
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-601



1 **DOOR DETAIL D1**
Scale: NTS



3 **DOOR DETAIL D2**
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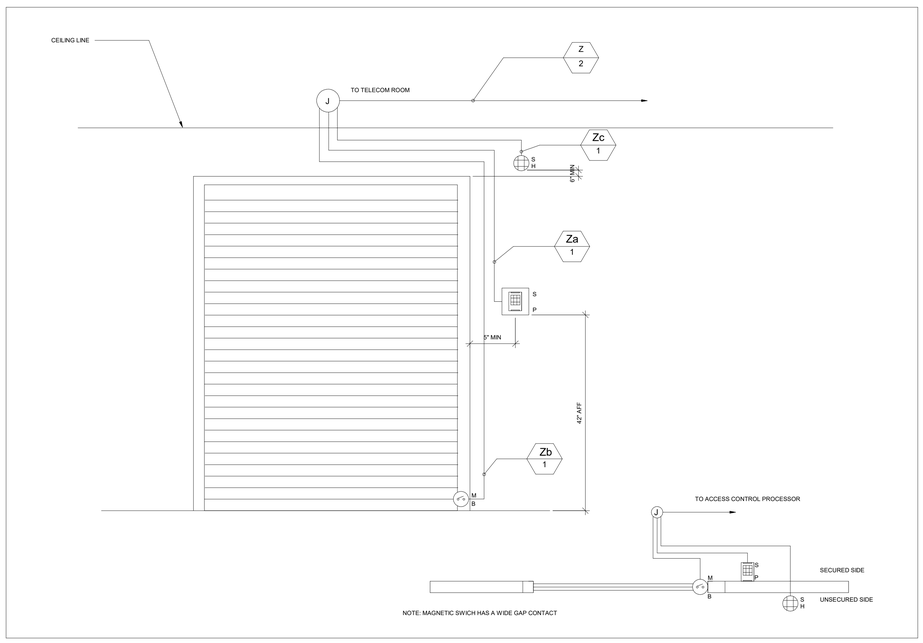

2 **DOOR DETAIL D3**
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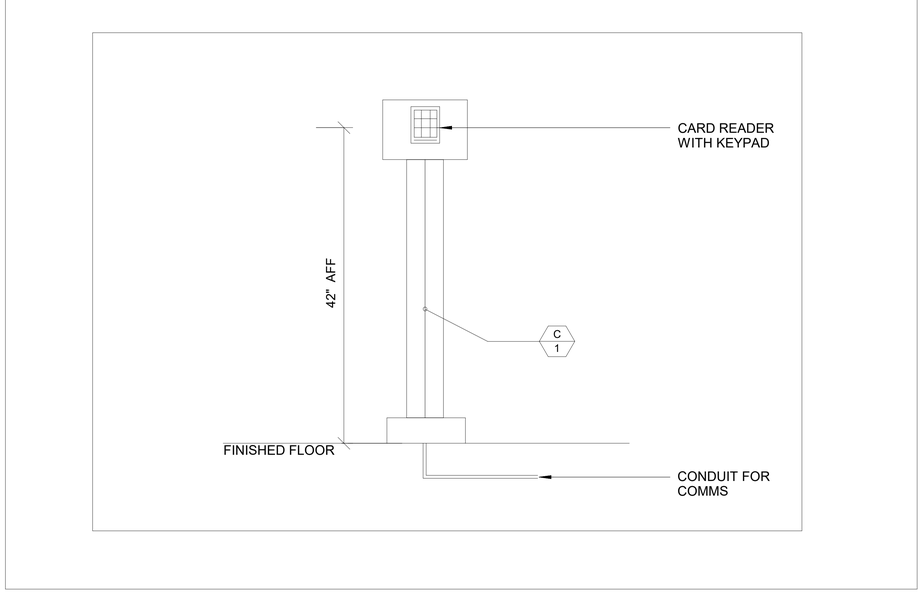


4 **DOOR DETAIL D4**
Scale: NTS

SCHEDULE - ACCESS CONTROL CABLES

ID	CATALOG #*	DESCRIPTION	OUTSIDE DIAMETER	DEVICE
A	BELDEN 8442	2 CONDUCTOR - #22 AWG - UNSHIELDED	.170	BMS
B	BELDEN 9842	4 CONDUCTOR - #24 AWG - SHIELDED	.340	DATA
C	BELDEN 9844	8 CONDUCTOR - #22 AWG - SHIELDED	.390	CARD READER
D	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	AUDIO/VISUAL ALARM
E	BELDEN 9156	4 CONDUCTOR - #18 AWG - UNSHIELDED	.300	LOCK POWER/MBS
F	BELDEN 8461	(OR AS SUPPLIED WITH HINGE)	.234	ELECTRIC HINGE
G	BELDEN 8473	2 CONDUCTOR - #14 AWG UNSHIELDED	.340	POWER
H	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	POWER
I	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	EXIT BYPASS (PUSH BUTTON)
Z	BELDEN 538AFS	ACCESS CONTROL, 16c (#18-3pr, #16-4c, #18-6c) SHIELDED, COMPOSITE, CMR	.516	ACCESS CONTROL COMPOSITE CABLE
		Za - #18-6 CONDUCTOR CARD READER		
		Zb - #18-2 CONDUCTOR DOOR CONTACT		
		Zc - #18-4 CONDUCTOR REX		
		Zd - #18-4 CONDUCTOR LOCK POWER		
	* OR EQUIVALENT			

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY - TYPICALS - 1 OF 2

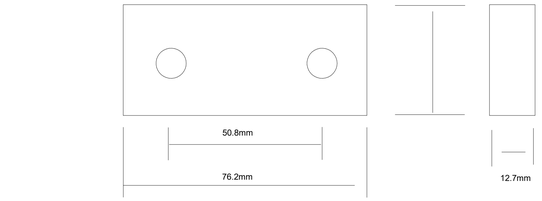
BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-700



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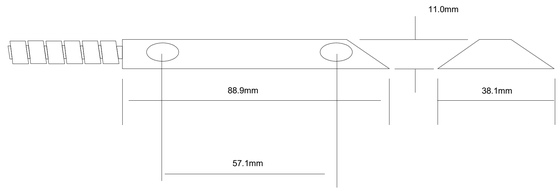
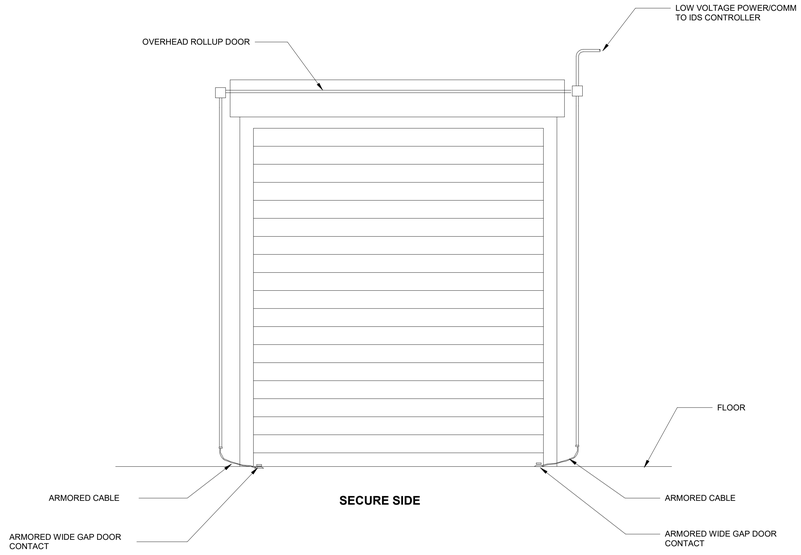
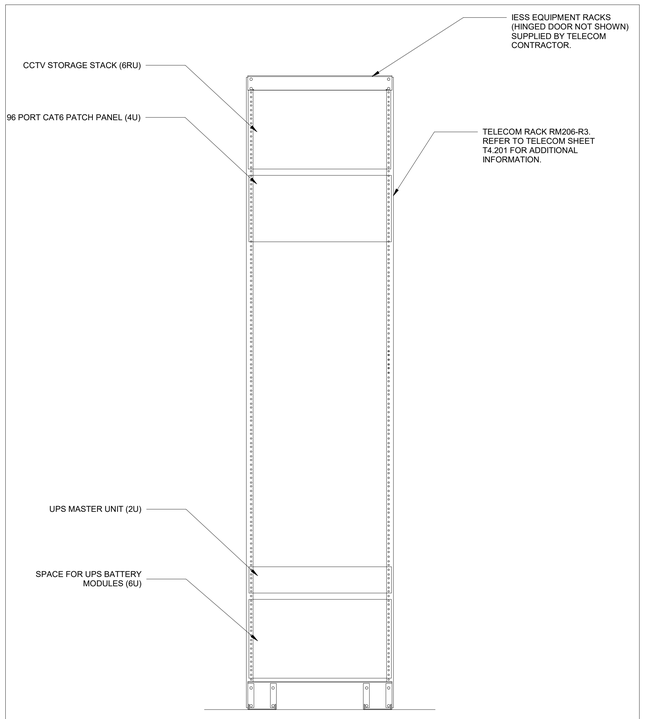


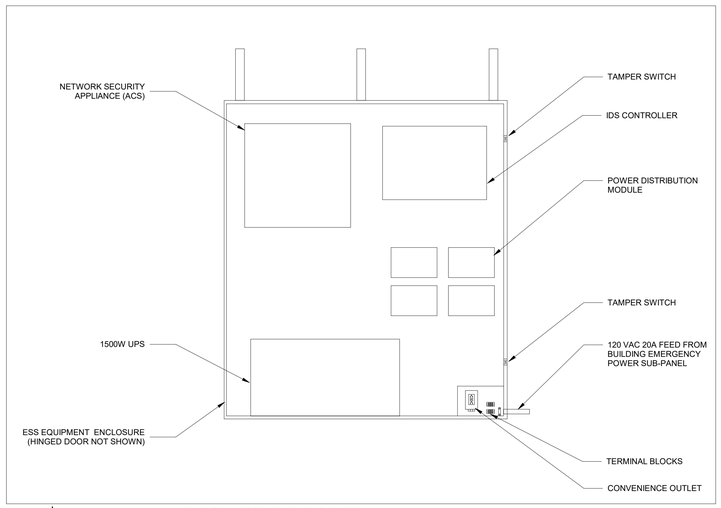
SWITCH



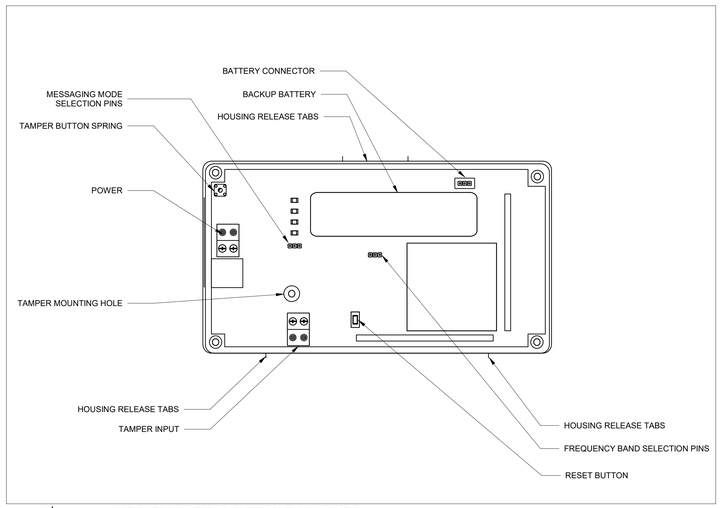
5 **IESS ARMORED WIDE GAP DOOR CONTACT**
Scale: NTS



2 **IESS EQUIPMENT RACK**
Scale: NTS



3 **IESS EQUIPMENT ENCLOSURE**
Scale: NTS



4 **WIRELESS DURESS BUTTON ENCLOSURE**
Scale: NTS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY - TYPICALS - 2 OF 2

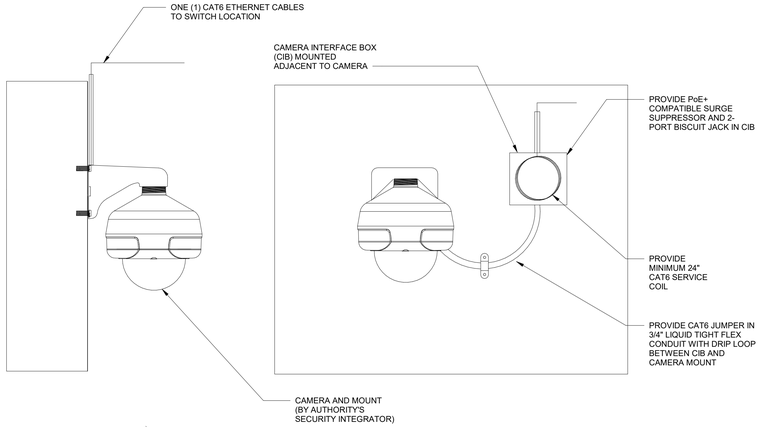
BID DOCUMENTS

DISCIPLINE:
SECURITY

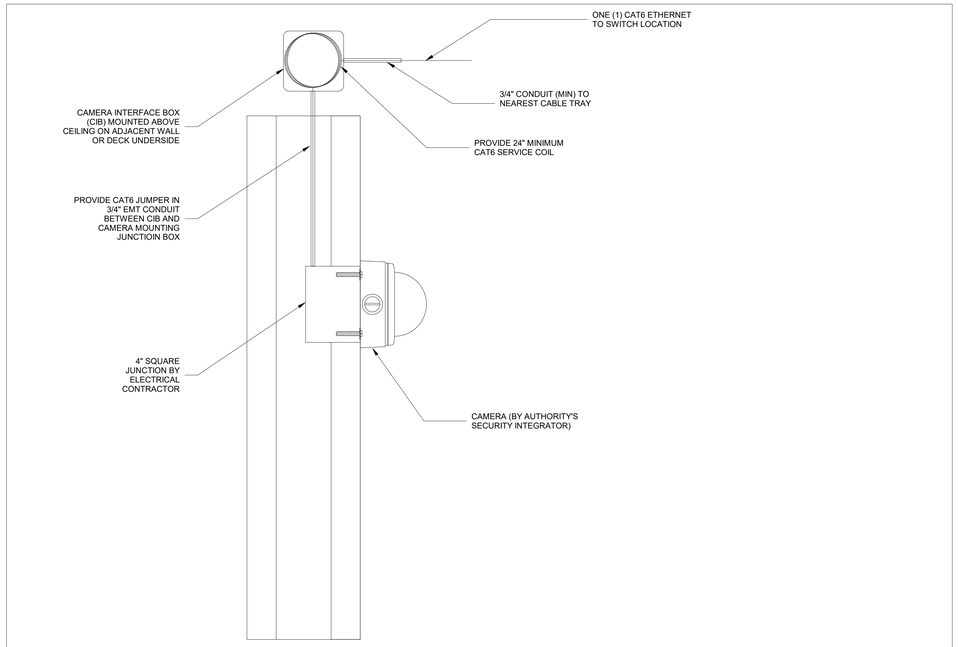
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

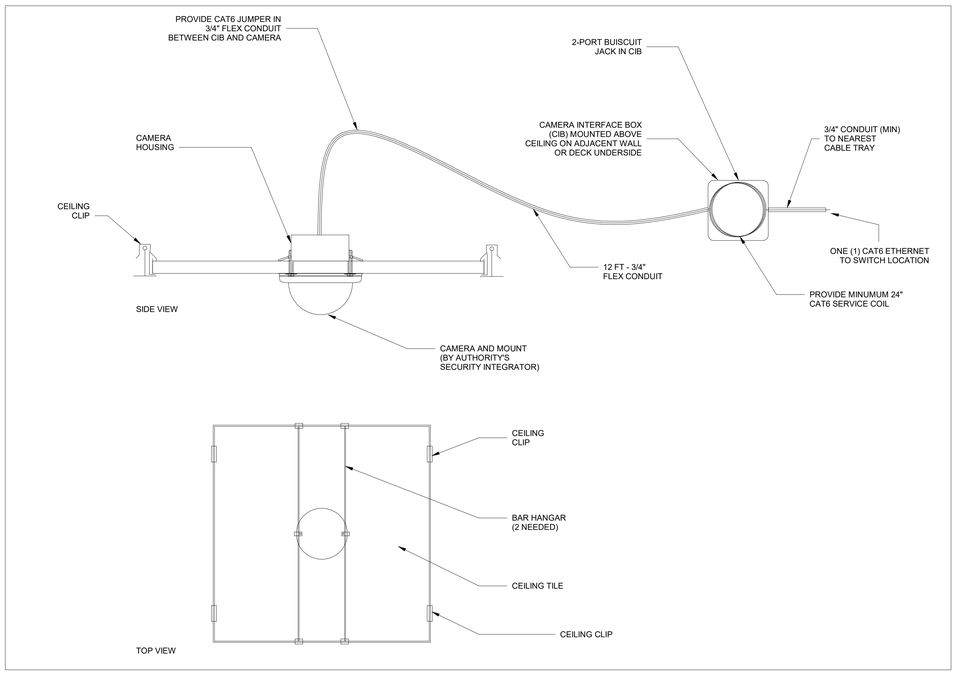
SHEET NUMBER:
SE-701



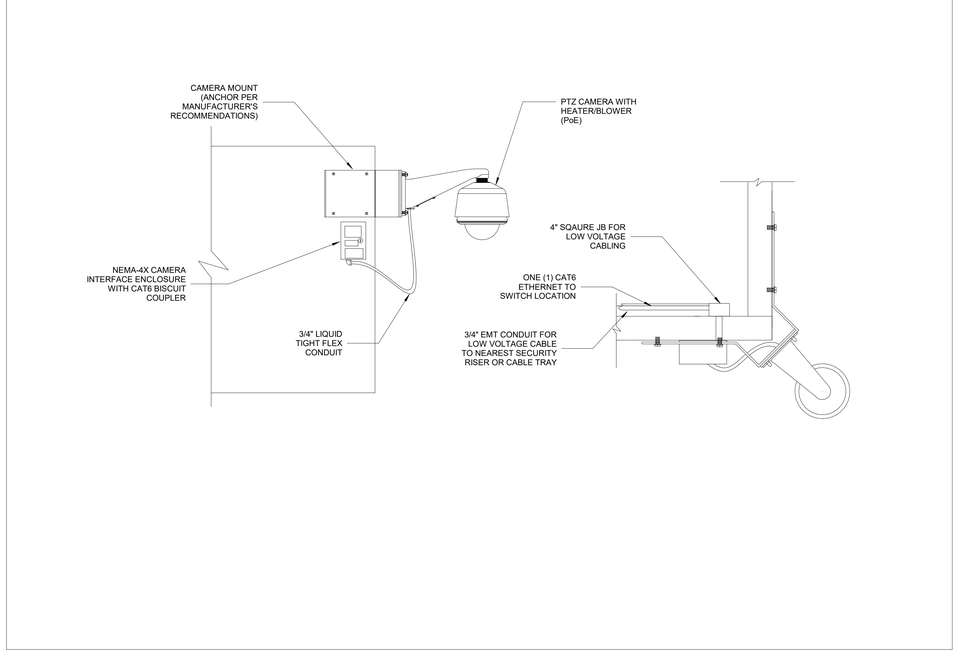
1 CAMERA TYPE C1
Scale: NTS



2 CAMERA TYPE C2
Scale: NTS



3 CAMERA TYPE C3
Scale: NTS



4 CAMERA TYPE C4
Scale: NTS

SCHEDULE - ACCESS CONTROL CABLES

ID	CATALOG #*	DESCRIPTION	OUTSIDE DIAMETER	DEVICE
A	BELDEN 8442	2 CONDUCTOR - #22 AWG - UNSHIELDED	.170	BMS
B	BELDEN 9842	4 CONDUCTOR - #24 AWG - SHIELDED	.340	DATA
C	BELDEN 9844	8 CONDUCTOR - #22 AWG - SHIELDED	.390	CARD READER
D	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	AUDIO/VISUAL ALARM
E	BELDEN 9156	4 CONDUCTOR - #18 AWG - UNSHIELDED	.300	LOCK POWER/MBS
F	BELDEN 8461	(OR AS SUPPLIED WITH HINGE)	.234	ELECTRIC HINGE
G	BELDEN 8473	2 CONDUCTOR - #14 AWG UNSHIELDED	.340	POWER
H	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	POWER
I	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	EXIT BYPASS (PUSH BUTTON)
Z	BELDEN 538AFS	ACCESS CONTROL, 16c (#18-3pr, #16-4c, #18-6c) SHIELDED, COMPOSITE, CMR	.516	ACCESS CONTROL COMPOSITE CABLE
		Za - #18-6 CONDUCTOR CARD READER		
		Zb - #18-2 CONDUCTOR DOOR CONTACT		
		Zc - #18-4 CONDUCTOR REX		
		Zd - #18-4 CONDUCTOR LOCK POWER		
	* OR EQUIVALENT			

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY - TYPICALS - CCTV - 1 OF 2

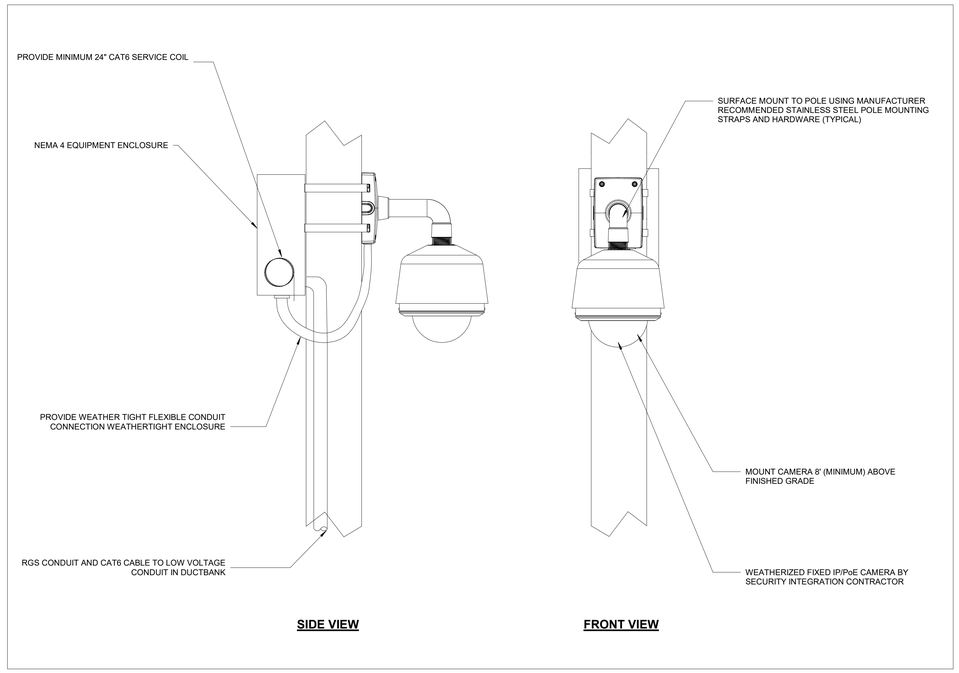
BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-702



1 CAMERA TYPE 5
Scale: NTS

SCHEDULE - ACCESS CONTROL CABLES				
ID	CATALOG #*	DESCRIPTION	OUTSIDE DIAMETER	DEVICE
A	BELDEN 8442	2 CONDUCTOR - #22 AWG - UNSHIELDED	.170	BMS
B	BELDEN 9842	4 CONDUCTOR - #24 AWG - SHIELDED	.340	DATA
C	BELDEN 9844	8 CONDUCTOR - #22 AWG - SHIELDED	.390	CARD READER
D	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	AUDIO/VISUAL ALARM
E	BELDEN 9156	4 CONDUCTOR - #18 AWG - UNSHIELDED	.300	LOCK POWER/MBS
F	BELDEN 8461	(OR AS SUPPLIED WITH HINGE)	.234	ELECTRIC HINGE
G	BELDEN 8473	2 CONDUCTOR - #14 AWG UNSHIELDED	.340	POWER
H	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	POWER
I	BELDEN 8461	2 CONDUCTOR - #18 AWG - UNSHIELDED	.234	EXIT BYPASS (PUSH BUTTON)
Z	BELDEN 53AFS	ACCESS CONTROL, 16c (#18-3pr, #16-4c, #18-6c) SHIELDED, COMPOSITE, CMR	.516	ACCESS CONTROL COMPOSITE CABLE
		Za - #18-6 CONDUCTOR CARD READER		
		Zb - #18-2 CONDUCTOR DOOR CONTACT		
		Zc - #18-4 CONDUCTOR REX		
		Zd - #18-4 CONDUCTOR LOCK POWER		
	* OR EQUIVALENT			

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY - TYPICALS - CCTV - 2 OF 2

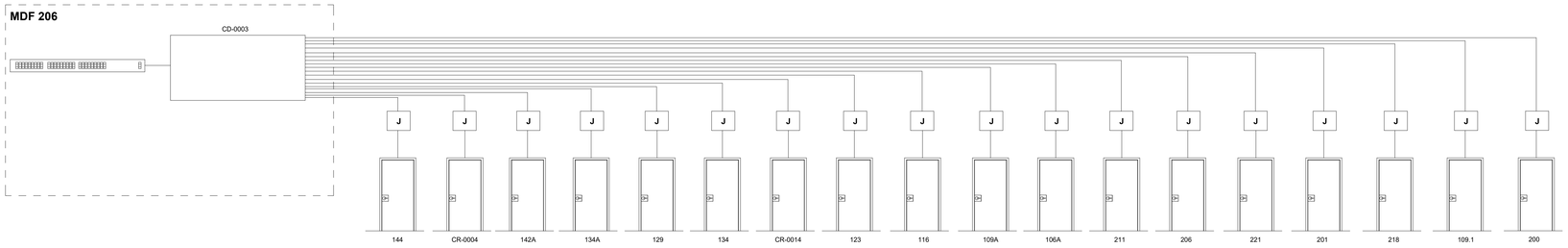
BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-703



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY - LINE DIAGRAMS - ACS

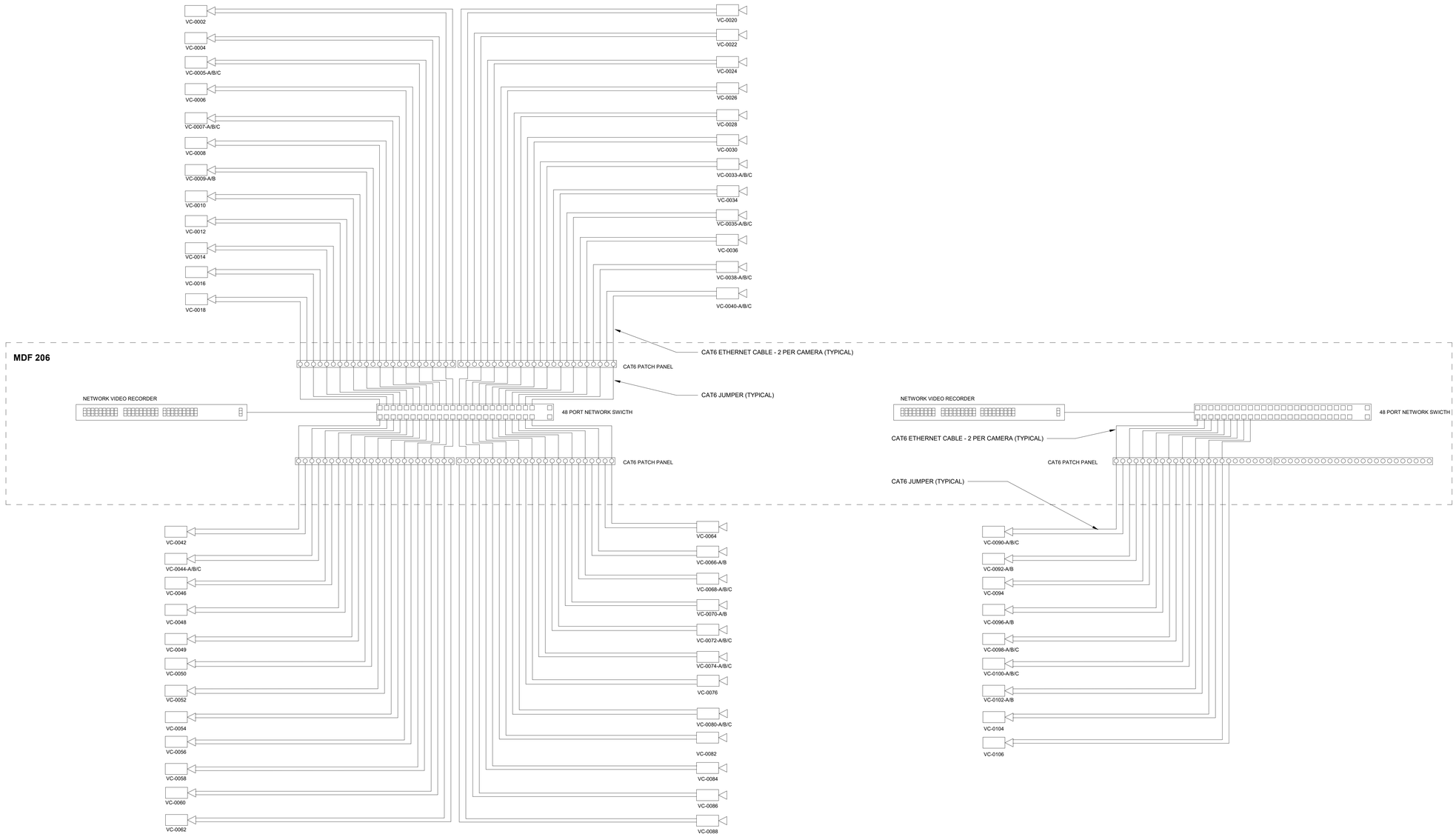
BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-800



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY - LINE DIAGRAMS - CCTV

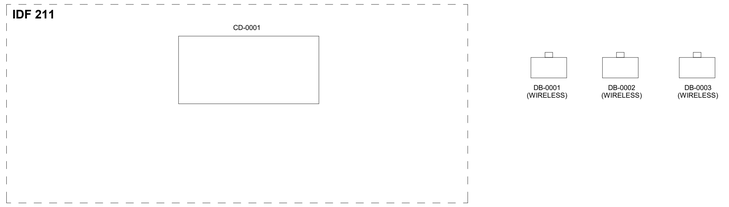
BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE:	DATE:
AS NOTED	06/05/2024

SHEET NUMBER:
SE-801



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY - LINE DIAGRAMS - DURESS

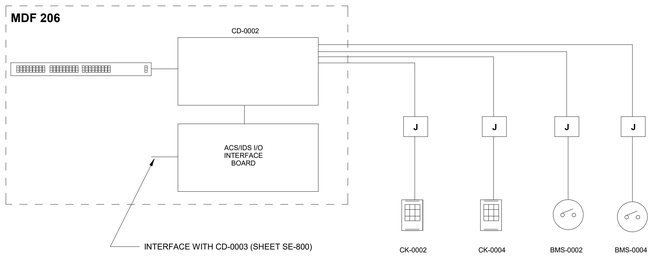
BID DOCUMENTS

DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-802



PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SECURITY - LINE DIAGRAMS - IDS

BID DOCUMENTS

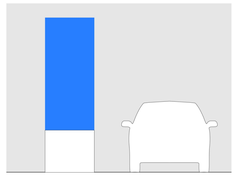
DISCIPLINE:
SECURITY

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
RR	SD	RD	BC

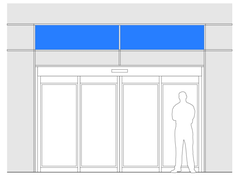
SCALE: AS NOTED
DATE: 06/05/2024

SHEET NUMBER:
SE-803

Wayfinding Directional Signage

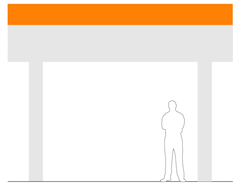


W1 Monument Identification EXTERIOR

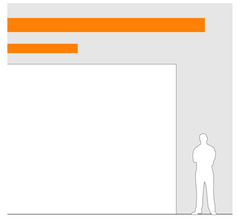


W2 Directional Signage INTERIOR

Dimensional Lettering

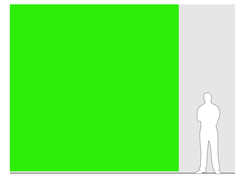


D1 Identification EXTERIOR



D2 Identification INTERIOR

Graphics Signage



G1 Wall Graphic

SIGNAGE COUNTS		
QTY	SIGN TYPE	Sheet Number
1	D1 - Building Identification	W8.004
1	D2.1 - Area Identification - Large	W8.004
4	D2.2 - Area Identification - Small	W8.004
7	G1 - Wall Graphic	W8.005, W8.006
11	R1 - Amenity Room ID	W8.002
10	R2 - Exit ID	W8.002
44	R3 - Room ID	W8.002
10	R4 - Room ID w/ Insert	W8.002
3	R5 - Elevator Floor Directory	W8.002
1	R6 - Elevator Cab Directory	W8.002
2	R7 - Do Not Use Elevator	W8.003
2	R8 - Emergency Egress Map	W8.003
4	R9 - Stair Level ID	W8.003
4	R10 - Flag	W8.003
3	R11 - Do Not Enter	W8.003
1	R12 - No Re-Entry	W8.003
1	W1 - Monument	W8.001
2	W2 - Directional	W8.001

Regulatory and Informational Signage

R1.1 Amenity Identification TYPICAL

R1.2 Amenity Identification WIDE

R2 Exit Door Identification

R3 Room Identification

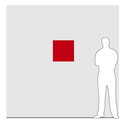
R4 Room Identification with removable name plate

R5 Elevator Directory EXTERIOR

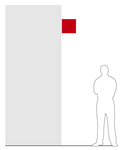
R6 Elevator Directory INTERIOR

R7 Do Not Use Elevator

R8 Emergency Egress Map

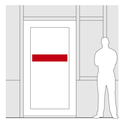


R9 Stair Level Identification



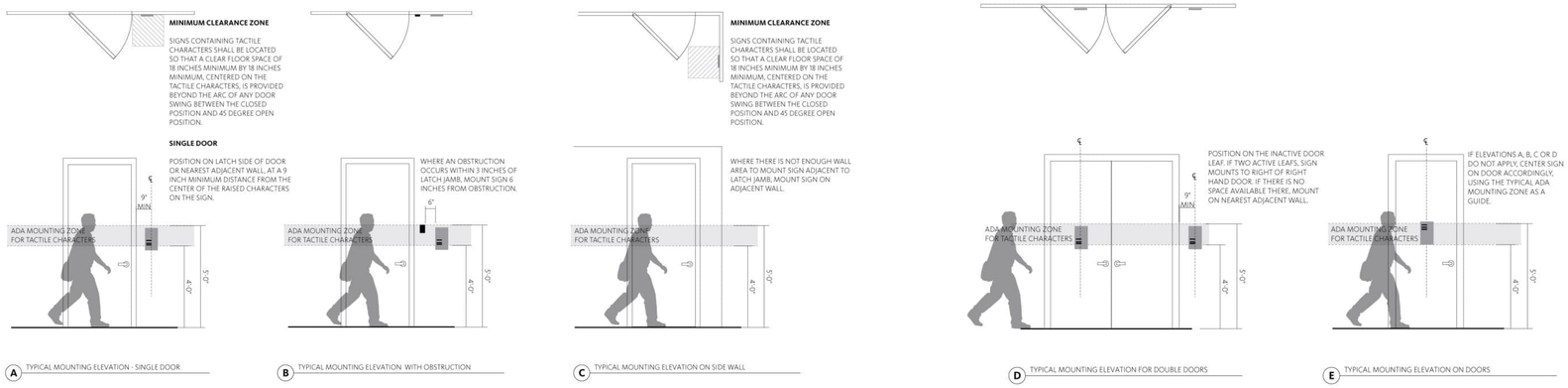
R10 Amenity Flag

R11 Do Not Enter



R12 No Re-entry

1 SIGN TYPES



2 TYPICAL MOUNTING ELEVATION

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN TYPES & TYPICAL MOUNTING ELEVATION

BID DOCUMENTS

DISCIPLINE:
SIGNAGE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W0.001

Avenir LT 85 Heavy

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789
-/?&$@

Avenir LT 65 Medium

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789
-/?&$@

1 TYPEFACE FAMILY

S1 Women's Restroom	**S2** Men's Restroom	**S3** Restrooms	**S4** Elevator	**S5** Stairs (Typical)	**S6** Stairs (Up)	**S7** Accessible	
S8 All Gates/ Arr/Dep	**S9** Ticketing/ Check-in	**S10** Car Rental	**S11** Baggage Claim	**S12** Ground Transporation	**S13** Airport Offices	**S14** Board Room	**S15** Passenger Waiting Area
S16 Pet Relief	**S17** Smoking Area	**S18** No Smoking	**S19** Do Not Enter	**S20** Arrow			

2 SYMBOLS AND PICTOGRAMS

PAINT COLORS		PMS	MATTHEWS PAINT
P1	WHITE	WHITE	MP5317
P2	BLACK	BLACK	
P3	TOMATO RED	1795C	MP218

VINYL	3M SCOTCHAL OPAQUE FILM
V1	7725-10
V2	7725-22
V3A	7725-13

COLORS ARE FOR REPRESENTATIONAL PURPOSES ONLY. ACTUAL MANUFACTURER MATERIALS WITH ACCURATE COLORS SHOULD BE SUBMITTED AND APPROVED FOR ALL PROJECTS.

ACRYLIC	
A-1	WHITE OPAQUE NON-GLARE ACRYLIC - 3/16" THICKNESS
A-2	BLACK OPAQUE NON-GLARE ACRYLIC - 3/16" THICKNESS
A-3	CLEAR NON-GLARE ACRYLIC WITH SECOND SURFACE SCREEN PRINTED OR DIGITALLY PRINTED GRAPHICS - 1/8" THICKNESS
A-4	WHITE OPAQUE NON-GLARE ACRYLIC - 1/16" THICKNESS
A-5	BLACK OPAQUE NON-GLARE ACRYLIC - 1/16" THICKNESS
A-6	WHITE OPAQUE NON-GLARE ACRYLIC - 1/8" THICKNESS
A-7	CLEAR NON-GLARE ACRYLIC WITH SECOND SURFACE SCREEN PRINTED OR DIGITALLY PRINTED GRAPHICS - 1/16" THICKNESS
A-8	BLACK OPAQUE NON-GLARE ACRYLIC - 1/8" THICKNESS

3 SIGN MATERIALS AND COLORS

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN COLOR, MATERIALS AND GRAPHIC ELEMENTS

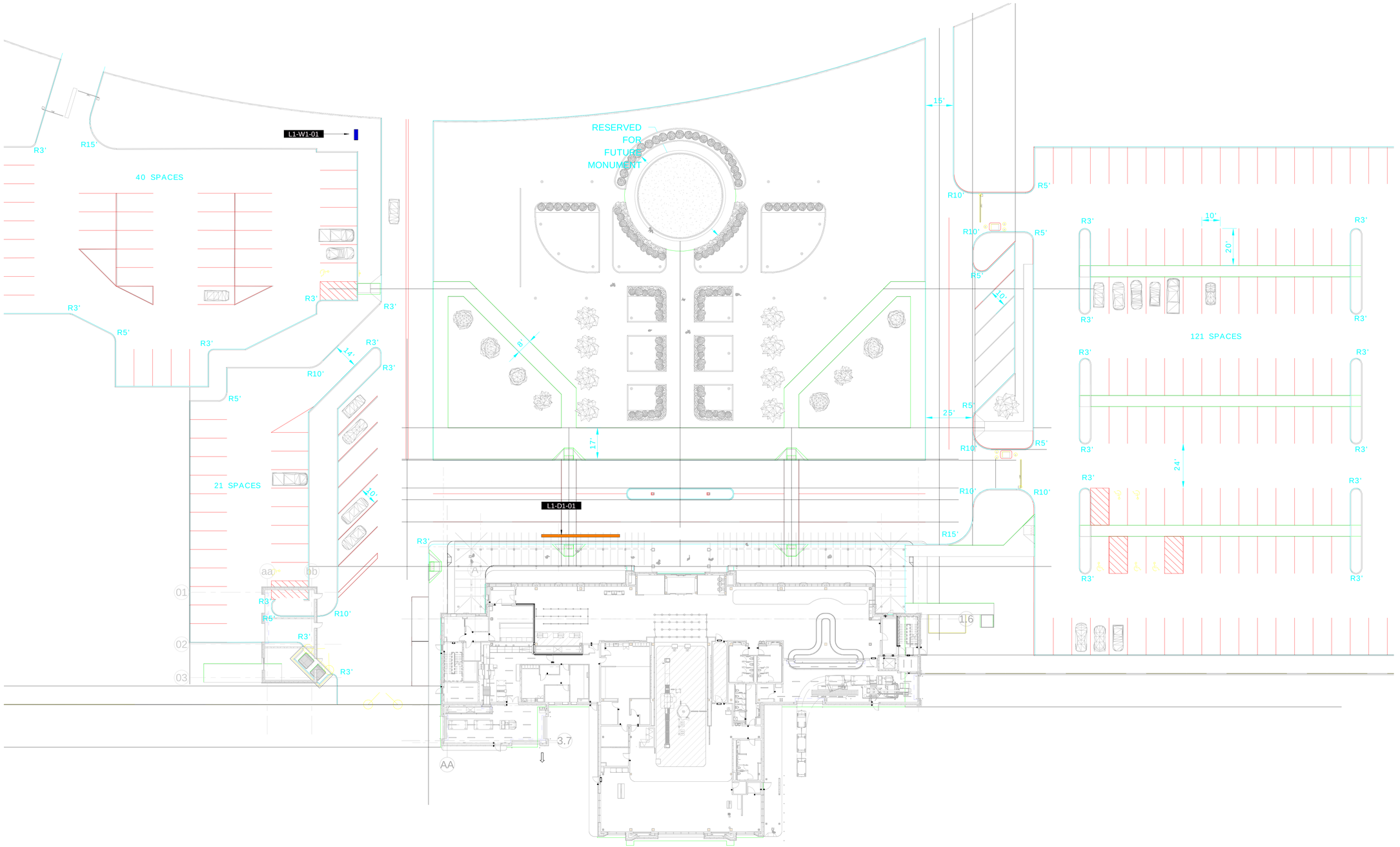
BID DOCUMENTS

DISCIPLINE:
SIGNAGE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W0.002



1 SITE LOCATION PLAN
3/64" = 1'-0"

SIGNAGE PLAN LEGEND

- DIRECTIONAL WAYFINDING SIGNAGE
- DIMENSIONAL LETTERING
- GRAPHICS SIGNAGE
- REGULATORY AND INFORMATIONAL SIGNAGE

SIGNAGE PLAN GENERAL NOTES

A. SEE W0.001 FOR SIGN TYPES AND TYPICAL MOUNTING ELEVATIONS.

B. SEE W8 SERIES FOR SIGN GRAPHIC DETAILS.

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN LOCATION PLAN - EXTERIOR AND SITE

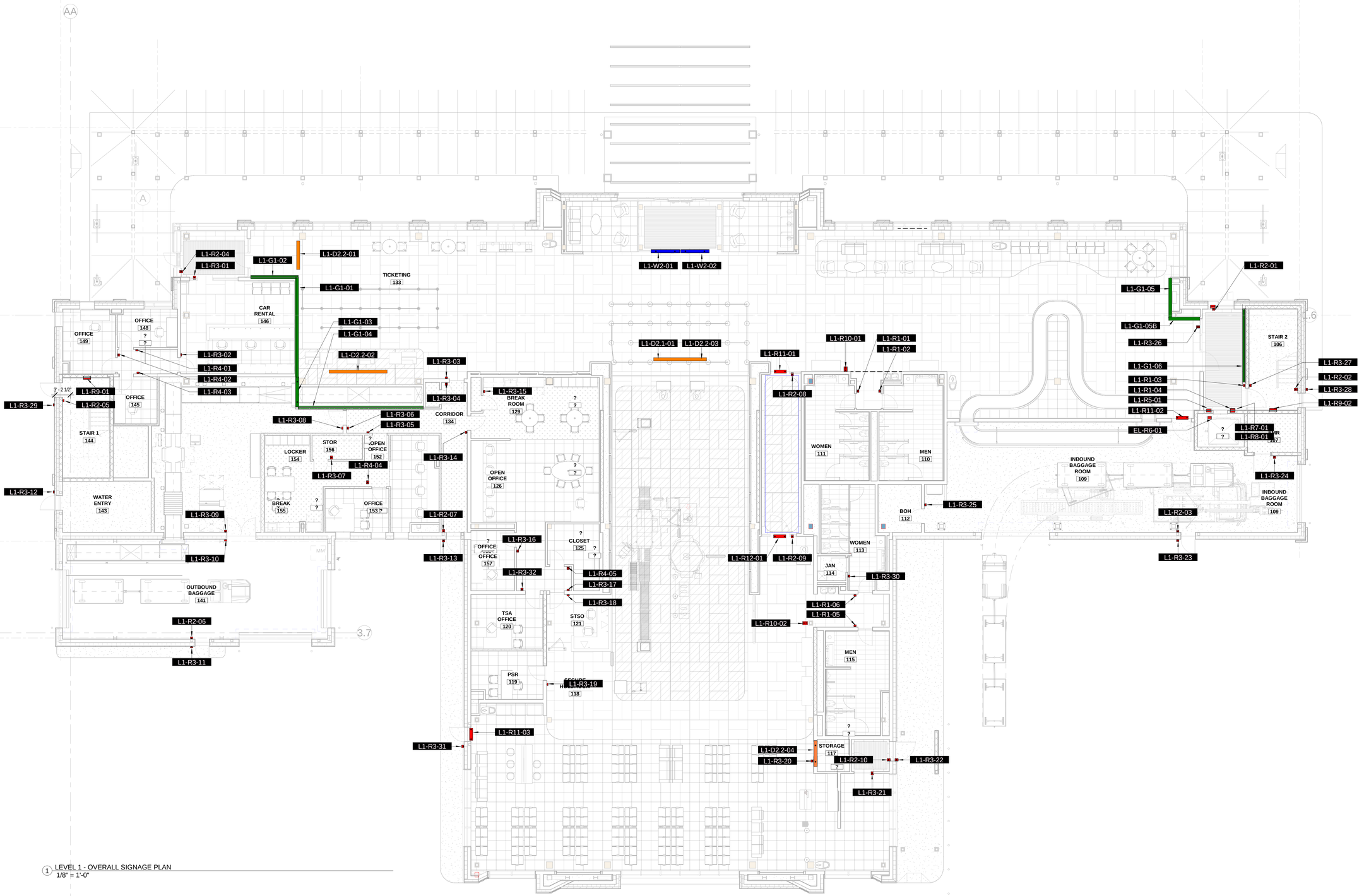
BID DOCUMENTS

DISCIPLINE:
SIGNAGE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W1.001



1 LEVEL 1 - OVERALL SIGNAGE PLAN
1/8" = 1'-0"

SIGNAGE PLAN LEGEND

- DIRECTIONAL WAYFINDING SIGNAGE
- DIMENSIONAL LETTERING
- GRAPHICS SIGNAGE
- REGULATORY AND INFORMATIONAL SIGNAGE

SIGNAGE PLAN GENERAL NOTES

A. SEE W0.001 FOR SIGN TYPES AND TYPICAL MOUNTING ELEVATIONS.

B. SEE W8 SERIES FOR SIGN GRAPHIC DETAILS.

GRAPHIC SCALE: 0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

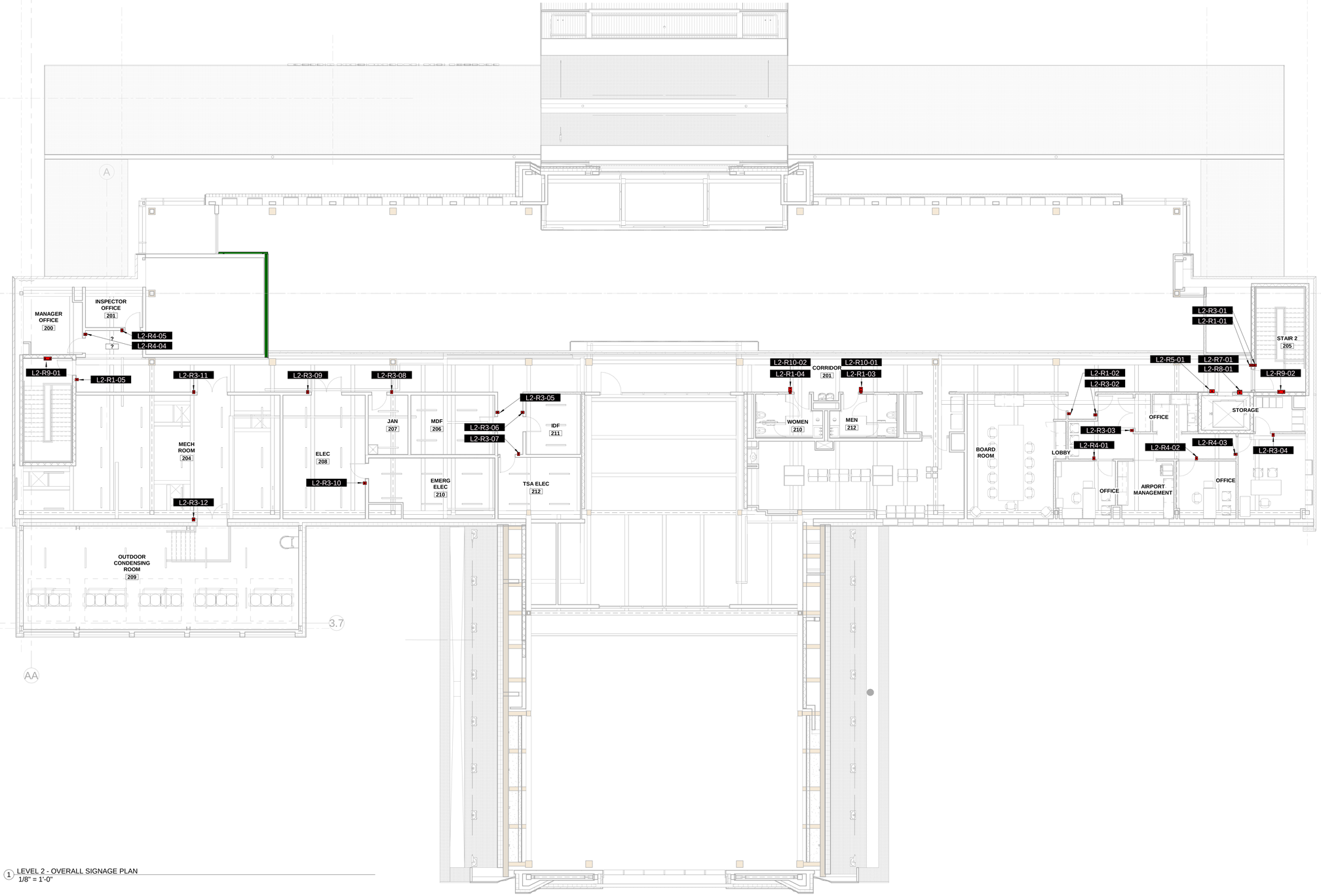
SHEET TITLE:
SIGN LOCATION PLAN - LEVEL 1
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W1.101



1 LEVEL 2 - OVERALL SIGNAGE PLAN
1/8" = 1'-0"

SIGNAGE PLAN LEGEND

- DIRECTIONAL WAYFINDING SIGNAGE
- DIMENSIONAL LETTERING
- GRAPHICS SIGNAGE
- REGULATORY AND INFORMATIONAL SIGNAGE

SIGNAGE PLAN GENERAL NOTES

A. SEE W0.001 FOR SIGN TYPES AND TYPICAL MOUNTING ELEVATIONS.

B. SEE W8 SERIES FOR SIGN GRAPHIC DETAILS.

GRAPHIC SCALE:
0' 8' 16' 24'

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN LOCATION PLAN - LEVEL 2

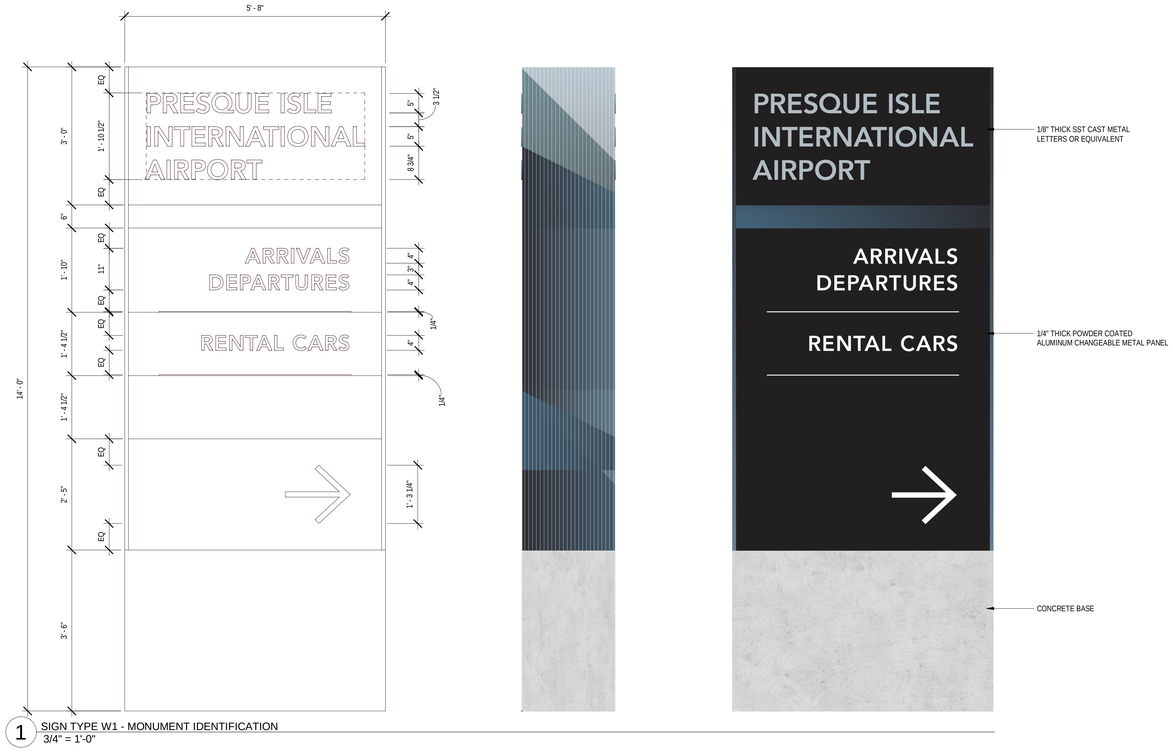
BID DOCUMENTS

DISCIPLINE:
ARCHITECTURE

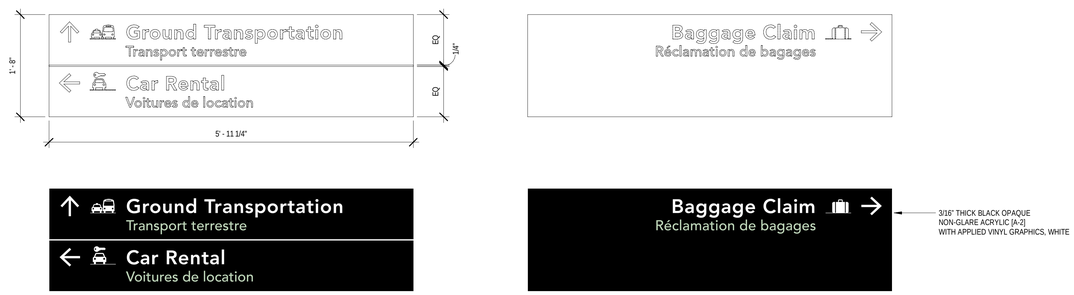
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

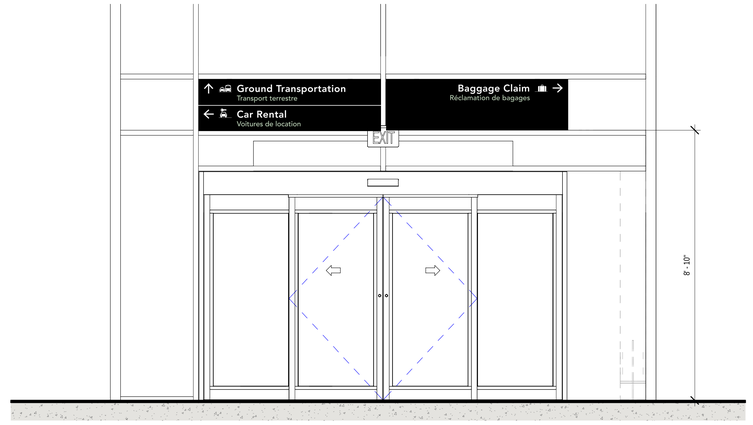
SHEET NUMBER:
W1.201



1 SIGN TYPE W1 - MONUMENT IDENTIFICATION
3/4" = 1'-0"



2 SIGN TYPE W2 - DIRECTIONAL SIGNAGE - INTERIOR
1" = 1'-0"



2A W2 - DIRECTIONAL SIGNAGE - CONTEXTUAL ELEVATION
1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN DETAILS - WAYFINDING

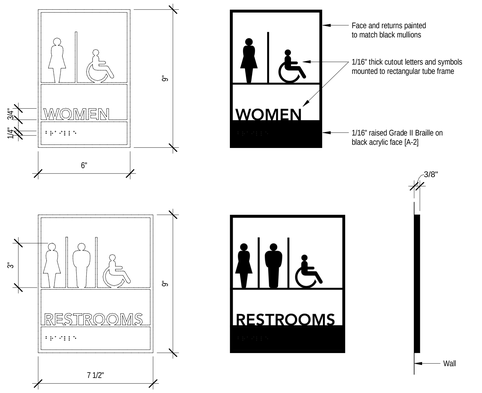
BID DOCUMENTS

DISCIPLINE:
SIGNAGE

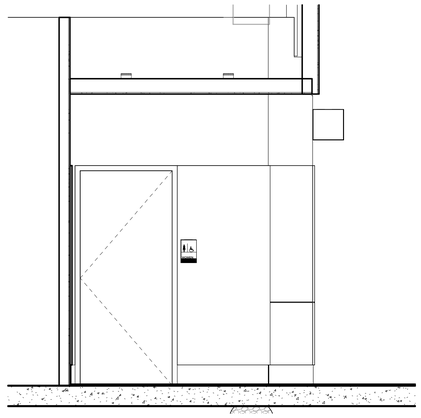
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

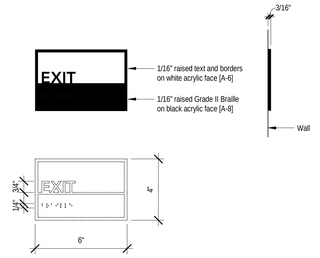
SHEET NUMBER:
W8.001



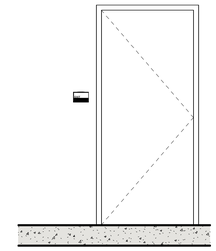
1 SIGN TYPE R1 - AMENITY ROOM IDENTIFICATION
3" = 1'-0"



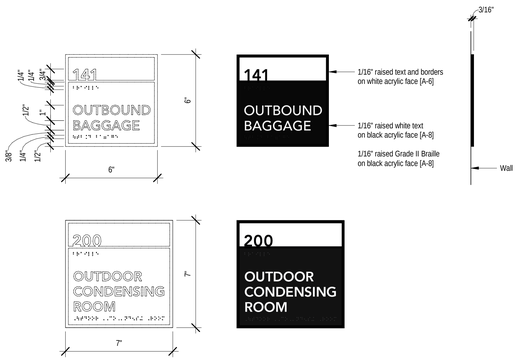
1A R1 - AMENITY ROOM IDENTIFICATION - CONTEXTUAL ELEVATION
1/2" = 1'-0"



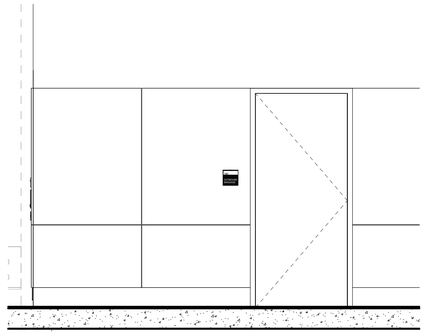
2 SIGN TYPE R2 - EXIT IDENTIFICATION
3" = 1'-0"



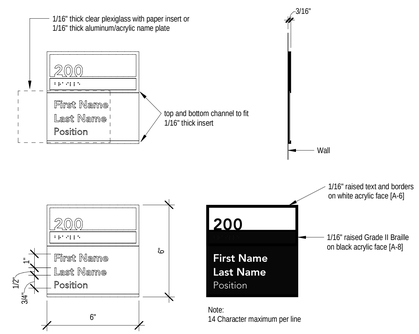
2A R2 - EXIT IDENTIFICATION - CONTEXTUAL ELEVATION
1/2" = 1'-0"



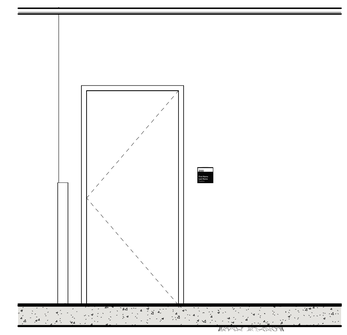
3 SIGN TYPE R3 - ROOM IDENTIFICATION
3" = 1'-0"



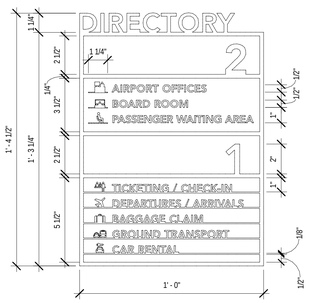
3A R3 - ROOM IDENTIFICATION - CONTEXTUAL ELEVATION
1/2" = 1'-0"

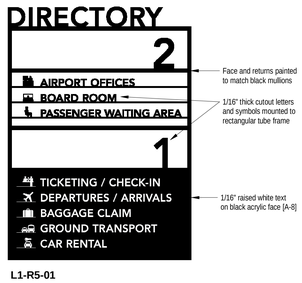


4 SIGN TYPE R4 - ROOM IDENTIFICATION W/ NAME INSERT
3" = 1'-0"

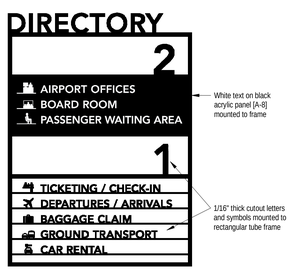


4A R4 - ROOM ID W/ NAME INSERT - CONTEXTUAL ELEVATION
1/2" = 1'-0"



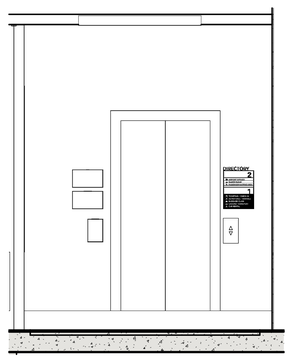


L1-R5-01

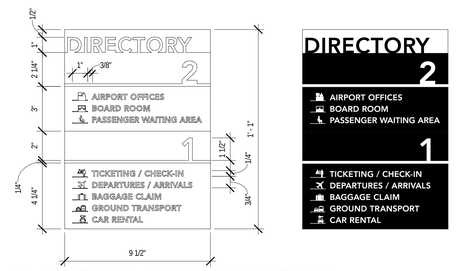


L2-R5-01

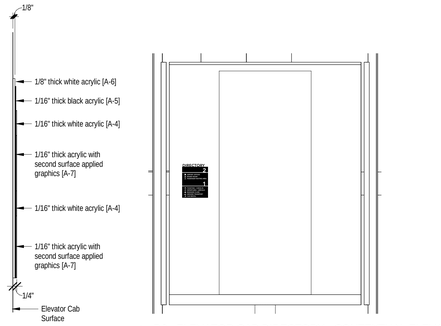
5 SIGN TYPE R5 - ELEVATOR FLOOR DIRECTORY
3" = 1'-0"



5A R5 - ELEVATOR FLOOR DIRECTORY - CONTEXTUAL ELEVATION
1/2" = 1'-0"



6 SIGN TYPE R6 - ELEVATOR CAB DIRECTORY



6A R6 - ELEVATOR CAB DIRECTORY - CONTEXTUAL ELEVATION
1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN DETAILS - REGULATORY & INFORMATIONAL

BID DOCUMENTS

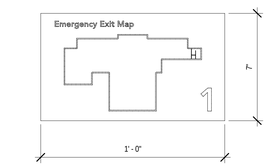
DISCIPLINE:
SIGNAGE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

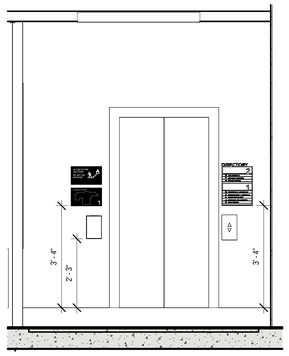
SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W8.002

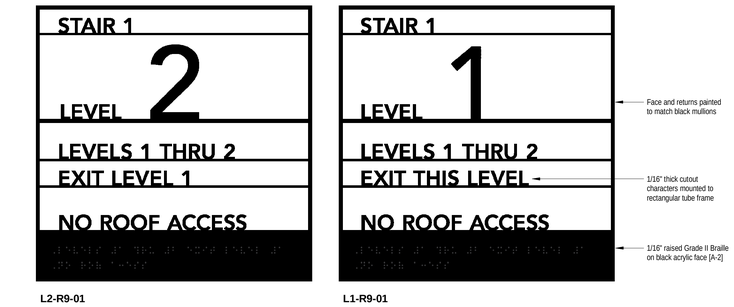
1 SIGN TYPE R7 - DO NOT USE ELEVATOR
3" = 1'-0"



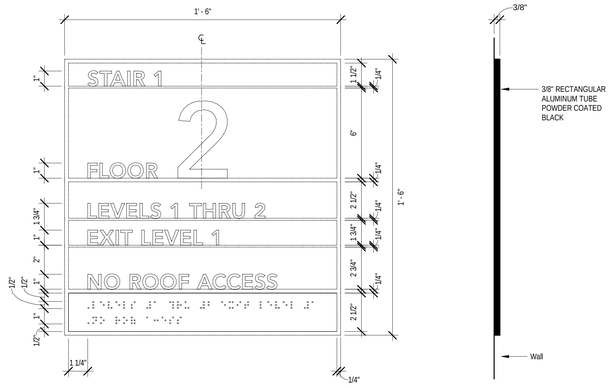
2 SIGN TYPE R8 - EMERGENCY EGRESS MAP
3" = 1'-0"



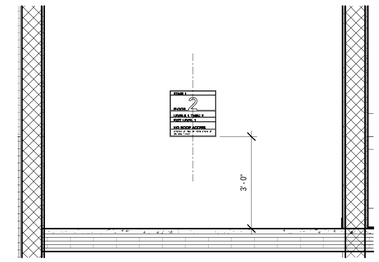
1A R7 / R8 - EMERGENCY EGRESS - CONTEXTUAL ELEVATION
1/2" = 1'-0"



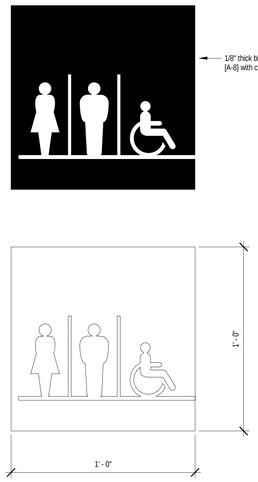
L2-R9-01 L1-R9-01

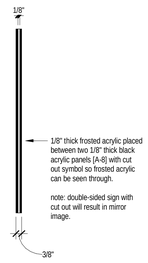


3 SIGN TYPE R9 - STAIR IDENTIFICATION
3" = 1'-0"

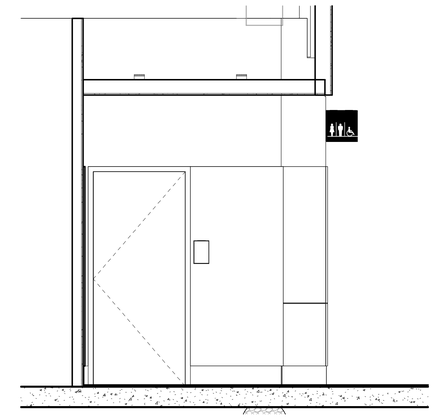


3A R9 - STAIR IDENTIFICATION - CONTEXTUAL ELEVATION
1/2" = 1'-0"

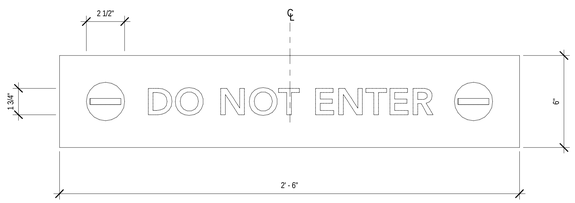




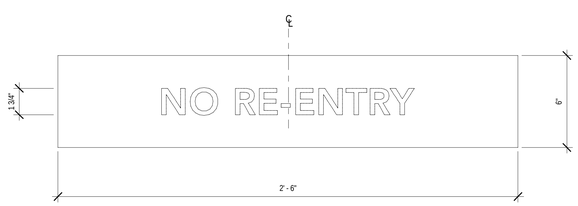
4 SIGN TYPE R10 - AMENITY FLAG
3" = 1'-0"



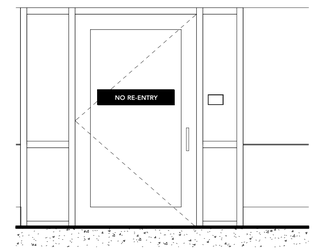
4A R10 - AMENITY FLAG - CONTEXTUAL ELEVATION
1/2" = 1'-0"



5 SIGN TYPE R11 - DO NOT ENTER
3" = 1'-0"



6 SIGN TYPE R12 - NO RE-ENTRY
3" = 1'-0"



6A R12 - REGULATORY - CONTEXTUAL ELEVATION
1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN DETAILS - REGULATORY & INFORMATIONAL

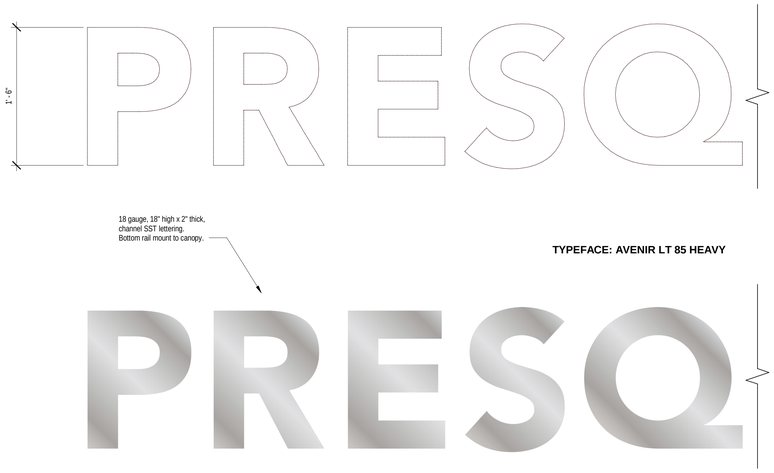
BID DOCUMENTS

DISCIPLINE:
SIGNAGE

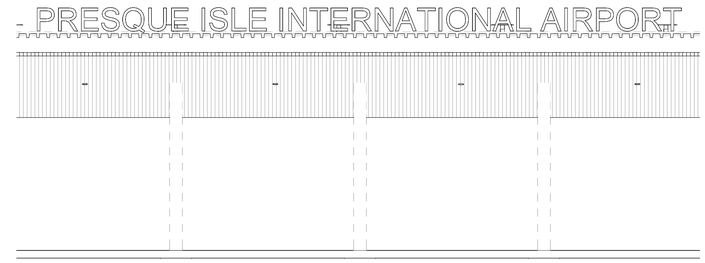
DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W8.003



1 SIGN TYPE D1 - DIMENSIONAL LETTERING - BUILDING IDENTIFICATION
1 1/2" = 1'-0"



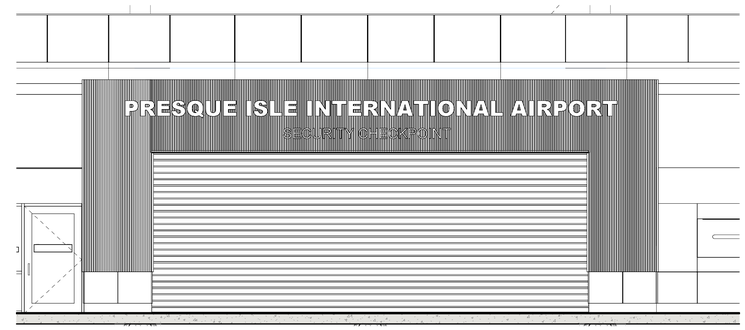
1A D1 - AIRPORT IDENTIFICATION - CONTEXTUAL ELEVATION
1/4" = 1'-0"

TYPEFACE: AVENIR LT 85 HEAVY

2.1 SIGN TYPE D2.1 - DIMENSIONAL LETTERING - AREA IDENTIFICATION - LARGE
1 1/2" = 1'-0"

TYPEFACE: AVENIR LT 85 HEAVY

2.2 SIGN TYPE D2.2 - DIMENSIONAL LETTERING - AREA IDENTIFICATION - SMALL
1 1/2" = 1'-0"



2B D2 - AREA IDENTIFICATION - CONTEXTUAL ELEVATION
1/4" = 1'-0"

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN DETAILS - DIMENSIONAL LETTERING

BID DOCUMENTS

DISCIPLINE:
SIGNAGE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W8.004

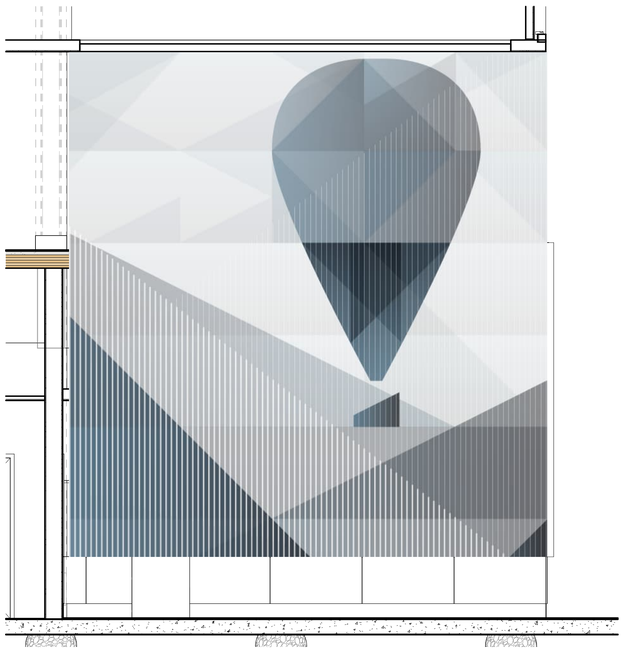
L1-G1-04
+/- 25'10" x 9'6"

L1-G1-03
+/- 6'0" x 3'6"

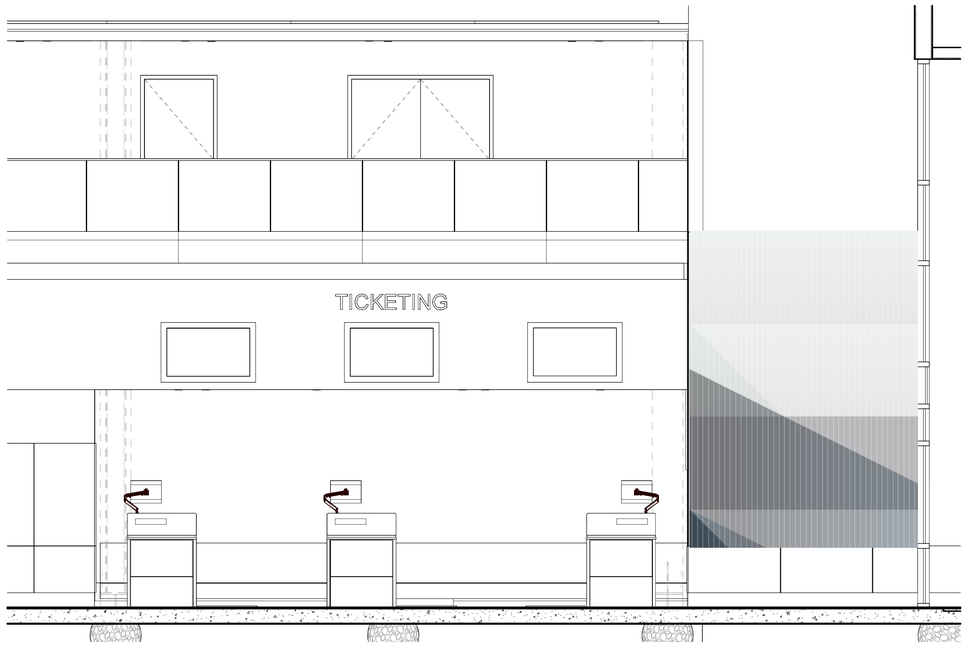
L1-G1-01
+/- 20'10" x 21'11.5"

L1-G1-02
+/- 9'10" x 13'8"

1 SIGN TYPE G1 - WALL GRAPHIC - TICKETING / RENTAL CAR WALL



1A G1 - TICKETING / RENTAL CAR WALL - CONTEXTUAL ELEVATION
3/8" = 1'-0"



1B G1 - TICKETING WALL - CONTEXTUAL ELEVATION
3/8" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
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650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

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BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

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PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN DETAILS - WALL GRAPHIC - TICKETING / RENTAL CAR AREA

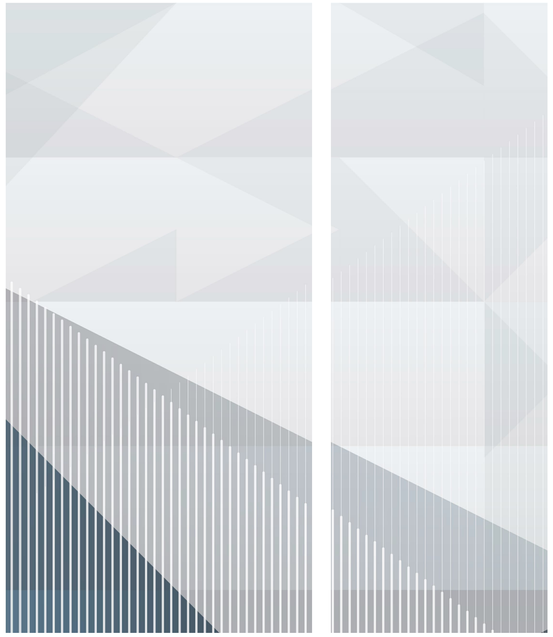
BID DOCUMENTS

DISCIPLINE:
SIGNAGE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

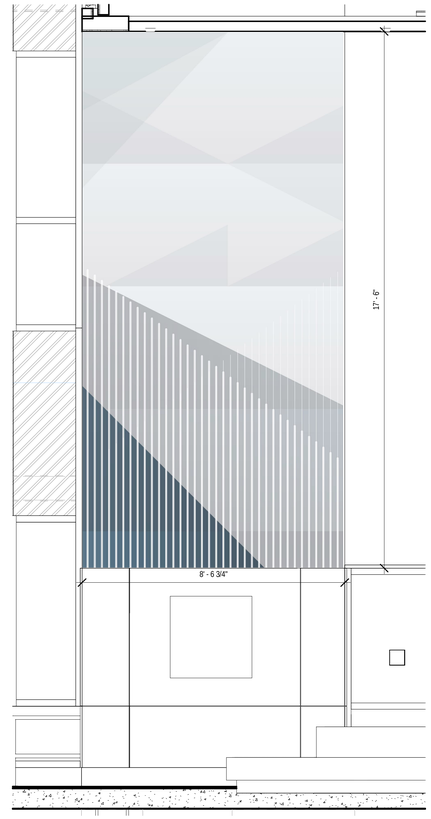
SHEET NUMBER:
W8.005



L1-G1-05
+/- 8'6" x 17'6"

L1-G1-05B
+/- 6'0" x 17'6"

1 SIGN TYPE G1 - WALL GRAPHIC - MUSEUM ENTRY WALL

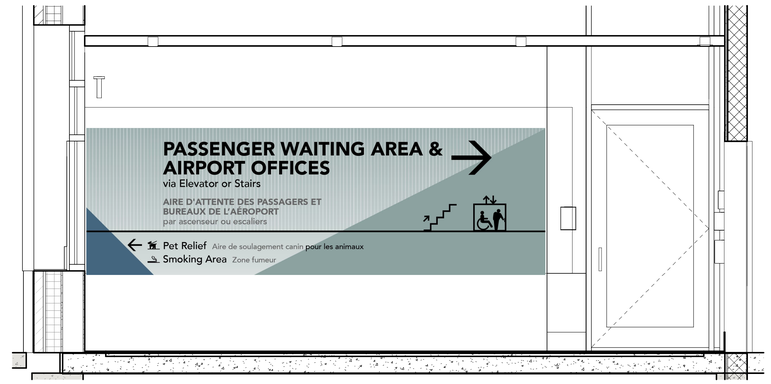


1A G1 - MUSEUM ENTRY WALL - CONTEXTUAL ELEVATION
1/2" = 1'-0"

L1-G1-06
+/- 15'2" x 9'0"

VINYL GRAPHIC ON WALL SURFACE

2 SIGN TYPE G1 - WALL GRAPHIC - MUSEUM VESTIBULE



2A G1 - MUSEUM VESTIBULE - CONTEXTUAL ELEVATION
1/2" = 1'-0"

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

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PRIMARY:
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1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN DETAILS - WALL GRAPHIC

BID DOCUMENTS

DISCIPLINE:
SIGNAGE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W8.006

SIGNAGE SCHEDULE - LEVEL 1

SIGN LABEL	QTY	DIMENSIONS (W x L)	MOUNT	SIGN TYPE	SIGN MESSAGE	COMMENTS
EL-R6-01	1	0'9" x 1'3/4"	Surface - VHB Tape	R6 - Elevator Cab Directory	DIRECTORY	Refer to 6 / W8.002 for messaging
L1-D1-01	1	42'2.75" x 1'6"	Canopy	D1 - Building Identification	PRESQUE ISLE INTERNATIONAL AIRPORT	
L1-D2.1-01	1	32'2-1/2" x 1'0"	Surface - Standoff	D2.1 - Area Identification - Large	PRESQUE ISLE INTERNATIONAL AIRPORT	
L1-D2.2-01	1	5'11" x 0'8"	Surface - Standoff	D2.2 - Area Identification - Small	CAR RENTAL	
L1-D2.2-02	1	12'0" x 0'8"	Surface - Standoff	D2.2 - Area Identification - Small	TICKETING / CHECK-IN	
L1-D2.2-03	1	10'11-1/2" x 0'8"	Surface - Standoff	D2.2 - Area Identification - Small	SECURITY CHECKPOINT	
L1-D2.2-04	1	5'4.75" x 0'8"	Surface - Standoff	D2.2 - Area Identification - Small	GATE 01 >>	
L1-G1-01	1	20'7.5" x 22'0"	Surface - Adhesive Vinyl	G1 - Wall Graphic		
L1-G1-02	1	9'10 x 13'8"	Surface - Adhesive Vinyl	G1 - Wall Graphic		
L1-G1-03	1	6'2.5" x 3'6"	Surface - Adhesive Vinyl	G1 - Wall Graphic		
L1-G1-04	1	25'10" x 8'5"	Surface - Adhesive Vinyl	G1 - Wall Graphic		
L1-G1-05	1	8'6" x 17'6"	Surface - Adhesive Vinyl	G1 - Wall Graphic		
L1-G1-05B	1	6'0" x 17'6"	Surface - Adhesive Vinyl	G1 - Wall Graphic		
L1-G1-06	1	15'2" x 9'0"	Surface - Adhesive Vinyl	G1 - Wall Graphic		
L1-R1-01	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[WOMEN RESTROOM SYMBOL] WOMEN	
L1-R1-02	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[MEN RESTROOM SYMBOL] MEN	
L1-R1-03	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[STAIR SYMBOL] STAIR	
L1-R1-04	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[ELEVATOR SYMBOL] ELEVATOR	
L1-R1-05	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[MEN RESTROOM SYMBOL] MEN	
L1-R1-06	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[WOMEN RESTROOM SYMBOL] WOMEN	
L1-R2-01	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-02	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-03	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-04	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-05	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-06	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-07	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-08	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-09	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R2-10	1	6" x 4"	Surface - VHB Tape	R2 - Exit ID	EXIT	
L1-R3-01	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	CAR RENTAL	
L1-R3-02	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	OFFICES	
L1-R3-03	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[134]	
L1-R3-04	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	TICKETING	
L1-R3-05	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	OFFICES	
L1-R3-06	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	BAGGAGE SERVICES	
L1-R3-07	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[156] STORAGE	
L1-R3-08	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	CORRIDOR	
L1-R3-09	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	OUTBOUND BAGGAGE	
L1-R3-10	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	BAGGAGE SERVICES	
L1-R3-11	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	OUTBOUND BAGGAGE	
L1-R3-12	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	WATER ENTRY	
L1-R3-13	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[134] OFFICES	
L1-R3-14	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	TSA OFFICES	
L1-R3-15	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	STORAGE	
L1-R3-16	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[157] OFFICE	
L1-R3-17	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[121] STSO	
L1-R3-18	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	TSA OFFICES	
L1-R3-19	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[119] PSR	
L1-R3-20	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[117] STORAGE	
L1-R3-21	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[116] GATE 1	
L1-R3-22	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[116] GATE 1	
L1-R3-23	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[109] INBOUND BAGGAGE	
L1-R3-24	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[107] EMR	
L1-R3-25	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[112] BOH	
L1-R3-26	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[108]	
L1-R3-27	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	LEVEL 1	
L1-R3-28	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[106] STAIR 2	
L1-R3-29	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[144] STAIR 1	
L1-R3-30	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[114] JANITOR'S ROOM	
L1-R3-31	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[118]	
L1-R3-32	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[120] TSA OFFICE	
L1-R4-01	1	6" x 6"	Surface - VHB Tape	R4 - Room ID w/ Insert	[148] [Name Insert]	
L1-R4-02	1	6" x 6"	Surface - VHB Tape	R4 - Room ID w/ Insert	[149] [Name Insert]	
L1-R4-03	1	6" x 6"	Surface - VHB Tape	R4 - Room ID w/ Insert	[145] [Name Insert]	
L1-R4-04	1	6" x 6"	Surface - VHB Tape	R4 - Room ID w/ Insert	[153] [Name Insert]	
L1-R4-05	1	6" x 6"	Surface - VHB Tape	R4 - Room ID w/ Insert	[125] [Name Insert]	
L1-R5-01	1	1'0" x 1'4-3/4"	Surface - VHB Tape	R5 - Elevator Floor Directory	DIRECTORY [LEVEL 1 HIGHLIGHT PANEL]	Refer to 5 / W8.002 for messaging
L1-R7-01	1	1'0" x 0'7"	Surface - VHB Tape	R7 - Do Not Use Elevator	DO NOT USE ELEVATOR	
L1-R8-01	1	1'0" x 0'7"	Surface - VHB Tape	R8 - Emergency Egress Map	EMERGENCY EGRESS MAP	
L1-R9-01	1	1'6" x 1'6"	Surface - Screw	R9 - Stair Level ID	STAIR 1 LEVEL 1	Refer to 3 / W8.003 for messaging
L1-R9-02	1	1'6" x 1'6"	Surface - Screw	R9 - Stair Level ID	STAIR 2 LEVEL 1	Refer to 3 / W8.003 for messaging
L1-R10-01	1	1'0" x 1'0"	Flag	R10 - Flag	[RESTROOMS SYMBOL]	Double-sided
L1-R10-02	1	1'0" x 1'0"	Ceiling	R10 - Flag	[RESTROOMS SYMBOL]	Double-sided
L1-R11-01	1	2'6" x 6"	Door - Adhesive Vinyl	R11 - Do Not Enter	DO NOT ENTER	
L1-R11-02	1	2'6" x 6"	Door - Adhesive Vinyl	R11 - Do Not Enter	DO NOT ENTER	
L1-R11-03	1	2'6" x 6"	Door - Adhesive Vinyl	R11 - Do Not Enter	DO NOT ENTER	
L1-R12-01	1	2'6" x 6"	Door - Adhesive Vinyl	R12 - No Re-Entry	NO RE-ENTRY	
L1-W1-01	1	5'8" x 14'0"	Ground w/ Foundation	W1 - Monument	PRESQUE ISLE INTERNATIONAL AIRPORT	Refer to 1 / W8.001 for messaging
L1-W2-01	1	5'11-1/4" x 1'8"	Surface	W2 - Directional	< Car Rental	Refer to 2 / W8.001 for messaging
L1-W2-02	1	5'11-1/4" x 1'8"	Surface	W2 - Directional	Baggage Claim >	Refer to 2 / W8.001 for messaging

SIGNAGE SCHEDULE - LEVEL 2

SIGN LABEL	QTY	DIMENSIONS (W x L)	MOUNT	SIGN TYPE	SIGN MESSAGE	COMMENTS
L2-R1-01	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[STAIR SYMBOL] STAIR	
L2-R1-02	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[BOARD ROOM SYMBOL] BOARD ROOM	
L2-R1-03	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[MEN RESTROOM SYMBOL] MEN	
L2-R1-04	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[WOMEN RESTROOM SYMBOL] WOMEN	
L2-R1-05	1	6" x 9"	Surface - Screw	R1 - Amenity Room ID	[STAIR SYMBOL] STAIR	
L2-R3-01	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	LEVEL 2	
L2-R3-02	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	AIRPORT OFFICES	
L2-R3-03	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	STORAGE	
L2-R3-04	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	STORAGE	
L2-R3-05	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[206] MDF	
L2-R3-06	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[211] IDF	
L2-R3-07	1	6" x 6"	Surface - VHB Tape	R3 - Room ID	[212] TSA ELECTRICAL	
L2-R3-08	1	6" x 6"	Surface	R3 - Room ID	[207] JANITOR'S CLOSET	
L2-R3-09	1	6" x 6"	Surface	R3 - Room ID	[208] ELECTRICAL ROOM	
L2-R3-10	1	7" x 7"	Surface	R3 - Room ID	[210] EMERGENCY ELECTRICAL	
L2-R3-11	1	6" x 6"	Surface	R3 - Room ID	[204] MECHANICAL ROOM	
L2-R3-12	1	7" x 7"	Surface	R3 - Room ID	[209] OUTDOOR CONDENSING ROOM	
L2-R4-01	1	6" x 6"	Surface	R4 - Room ID w/ Insert	[Name Insert]	
L2-R4-02	1	6" x 6"	Surface	R4 - Room ID w/ Insert	[Name Insert]	
L2-R4-03	1	6" x 6"	Surface	R4 - Room ID w/ Insert	[Name Insert]	
L2-R4-04	1	6" x 6"	Surface	R4 - Room ID w/ Insert	[200] [Manager Name Insert]	
L2-R4-05	1	6" x 6"	Surface	R4 - Room ID w/ Insert	[201] [Inspector Name Insert]	
L2-R5-01	1	1'0" x 1'4-3/4"	Surface	R5 - Elevator Floor Directory	DIRECTORY [LEVEL 2 HIGHLIGHT PANEL]	Refer to 5 / W8.002 for messaging
L2-R7-01	1	1'0" x 0'7"	Surface	R7 - Do Not Use Elevator	DO NOT USE ELEVATOR	
L2-R8-01	1	1'0" x 0'7"	Surface	R8 - Emergency Egress Map	EMERGENCY EGRESS MAP	
L2-R9-01	1	1'6" x 1'6"	Surface	R9 - Stair Level ID	STAIR 1 LEVEL 2	Refer to 3 / W8.003 for messaging
L2-R9-02	1	1'6" x 1'6"	Surface	R9 - Stair Level ID	STAIR 2 LEVEL 2	Refer to 3 / W8.003 for messaging
L2-R10-01	1	1'0" x 1'0"	Flag	R10 - Flag	[MEN RESTROOM SYMBOL]	Double-sided
L2-R10-02	1	1'0" x 1'0"	Flag	R10 - Flag	[WOMEN RESTROOM SYMBOL]	Double-sided

PRESQUE ISLE INTERNATIONAL AIRPORT
AÉROPORT INTERNATIONAL DE PRESQUE ISLE

PROJECT LOCATION:
PRESQUE ISLE INTERNATIONAL AIRPORT
650 AIRPORT DRIVE
PRESQUE ISLE, ME 04769

PROJECT SUBMISSION STATUS:
BID DOCUMENTS

REGISTRATION STAMP:
LICENSED ARCHITECT
BERNARD JOSEPH CHRISTOPHER
No. 5648
STATE OF MAINE

KEY PLAN:

REVISIONS:

REV. NO.	DATE	DESCRIPTION	BY

PRIMARY:
AECOM
1 FEDERAL STREET, BOSTON MA 02110
WWW.AECOM.COM

CONSULTANT:

PROJECT NUMBER AND TITLE:
60693900
PRESQUE ISLE INTERNATIONAL PASSENGER TERMINAL

SHEET TITLE:
SIGN SCHEDULE
BID DOCUMENTS

DISCIPLINE:
SIGNAGE

DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
AECOM	AECOM	JR	BC

SCALE: AS NOTED
DATE: 6/5/2024

SHEET NUMBER:
W9.001