

GENERAL EXTERIOR ELEVATION NOTES

1. LOCATE EXHAUST VENTS 3 FT MINIMUM FROM DOORS AND OPERABLE PORTIONS OF WINDOWS.
2. SEE RCP FOR SOFFIT COLORS.

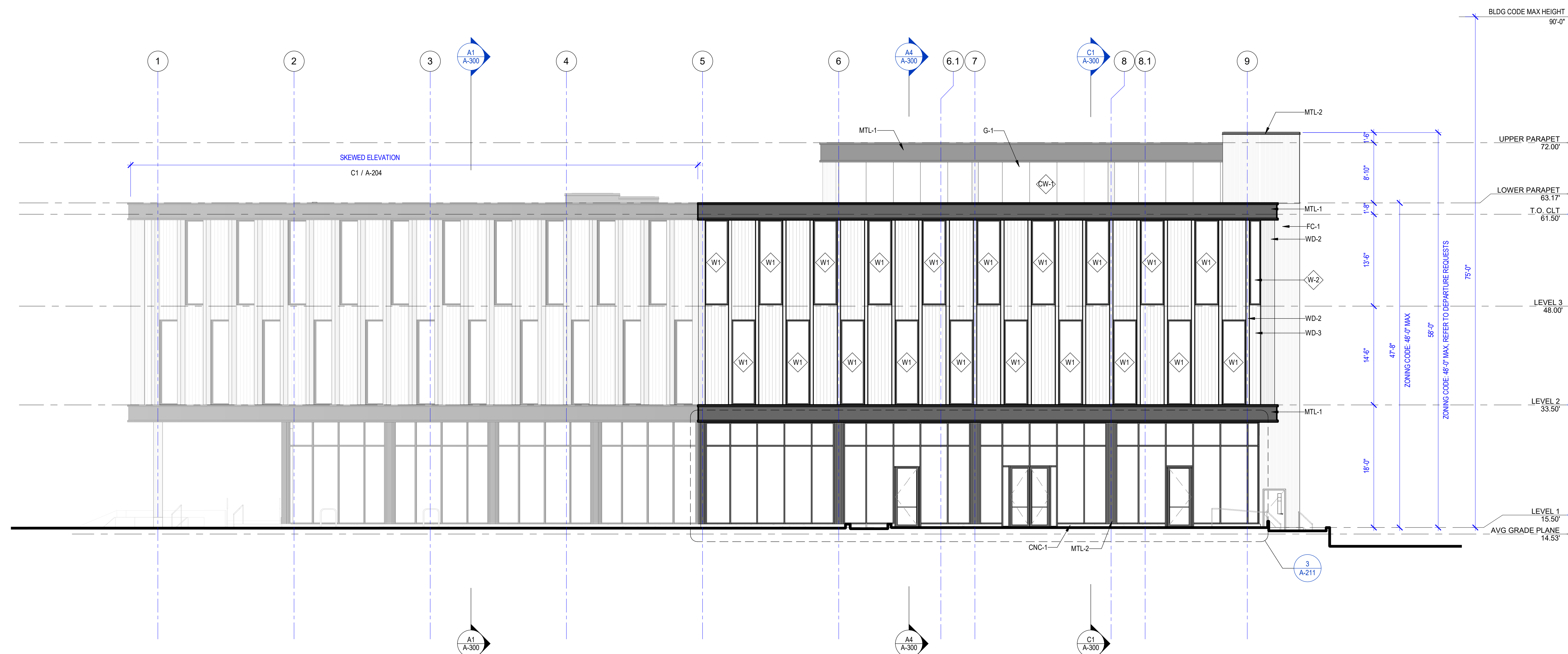
EXTERIOR MATERIAL LEGEND	
TAG	DESCRIPTION
CNC-1	CAST IN PLACE CONCRETE
FC-1	FIBER CEMENT PANEL
G-1	VISION GLASS
G-3	SPANDREL GLASS
G-5	RAILING/BALCONY GLAZING
MTL-1	METAL PANEL C CHANNEL
MTL-2	ALUMINUM BREAK METAL DETAIL, TO MATCH STOREFRONT
MTL-4	METAL COPING, COLOR TO MATCH ADJACENT MATERIAL
MTL-5	METAL MESH
MTL-6	VERTICAL LOUVER WITH PERFORATED SHEET FACE
WD-1	EXPOSED GLULAM COLUMNS, PRESSURE TREATED, SEE 099300 FOR FINISH TREATMENT
WD-2	EXPOSED GLULAM FINIS, PRESSURE TREATED, SEE 099300 FOR FINISH TREATMENT
WD-3	CEDAR SIDING, SEE 099300 FOR FINISH TREATMENT



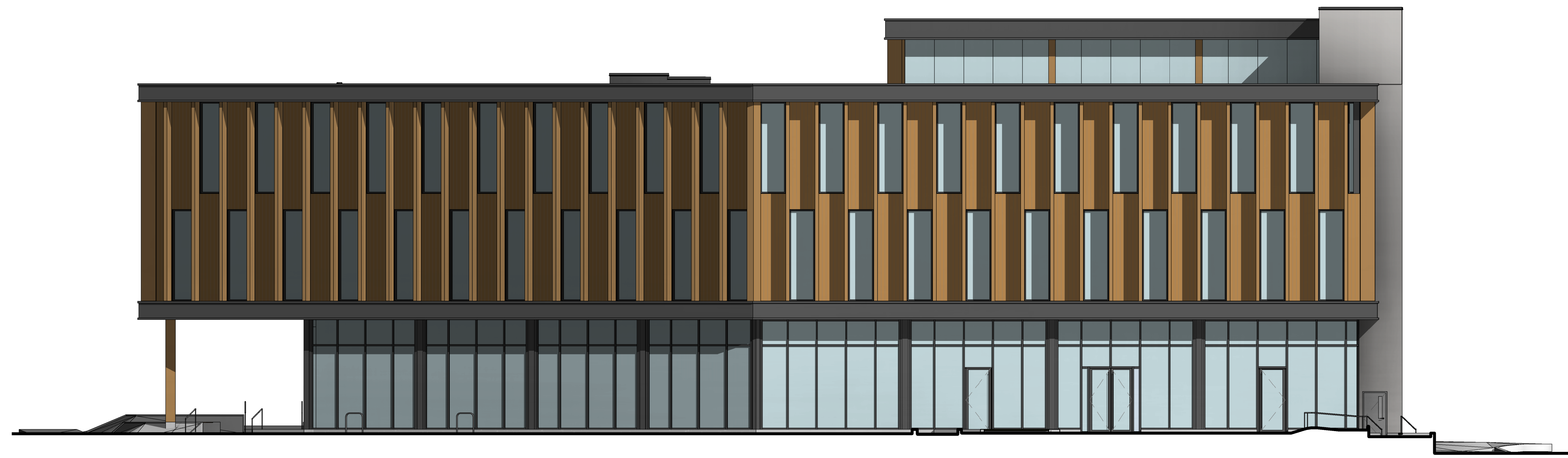
PROJECT:
KITSAP BANK HEADQUARTERS

PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366
LOTS 1 AND 2, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY, LOT 3, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY

OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**



C1 SOUTH ELEVATION - BAY STREET
1/8" = 1'-0"



A1 SOUTH ELEVATION - BAY STREET
1/8" = 1'-0"

APPROVAL STAMPS

MARK DATE DESCRIPTION

REVISIONS

B 02/23/2023 SD PRICE SET

A 03/01/2022 CONCEPT DESIGN PRICE SET

MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**

GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

OWNER APPROVAL:

SHEET TITLE

EXTERIOR ELEVATIONS - SOUTH

SHEET NO.

A-203

06.22.2023 - BUILDING PERMIT SET

GENERAL EXTERIOR ELEVATION NOTES

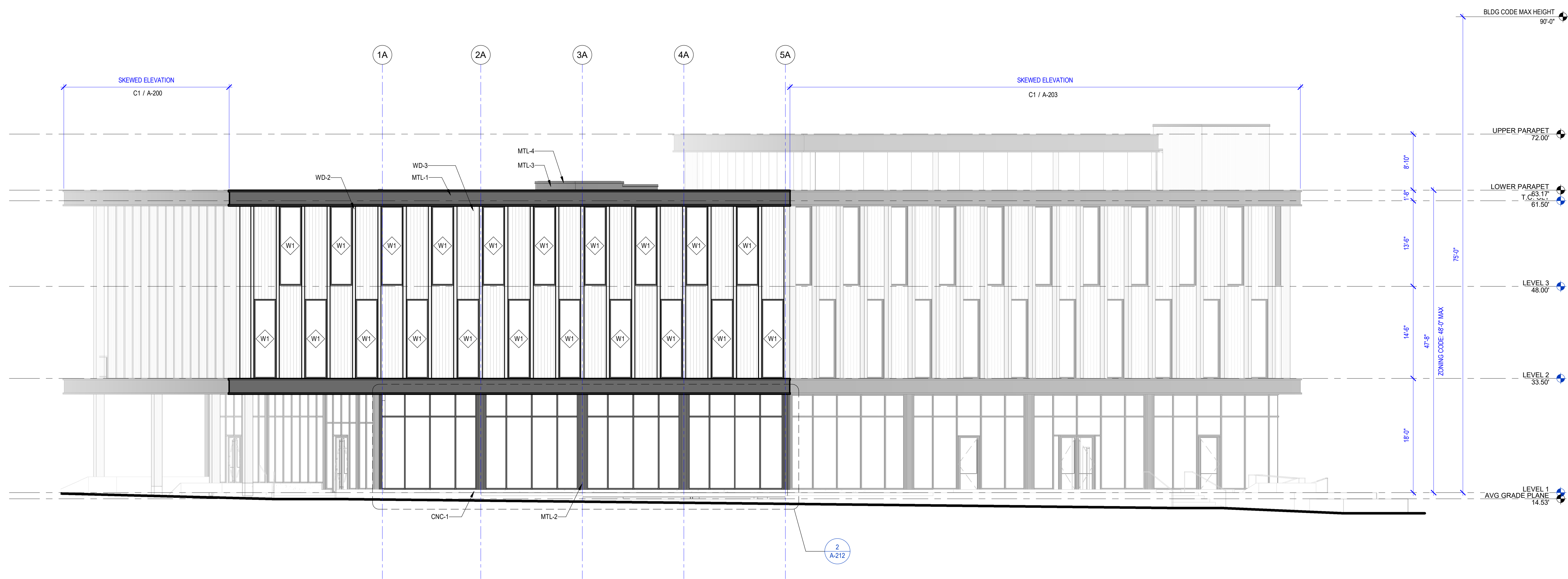
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2. SEE RCP FOR SOFFIT COLORS.

EXTERIOR MATERIAL LEGEND

TAG	DESCRIPTION
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FC-1	FIBER CEMENT PANEL
G-1	VISION GLASS
G-3	SPANDREL GLASS
G-5	RAILING/BALCONY GLAZING
MTL-1	METAL PANEL, C CHANNEL
MTL-2	ALUMINUM BREAK METAL DETAIL, TO MATCH STOREFRONT
MTL-3	METAL PANEL, COLOR TBD
MTL-4	METAL COPING, COLOR TO MATCH ADJACENT MATERIAL
MTL-5	METAL MESH
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KITSAP BANK HEADQUARTERS
 PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366
 LOTS 1 AND 2, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY, LOT 3, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY
 OWNER:
KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366



C1 SOUTH WEST ELEVATION
 1/8" = 1'-0"



A1 SOUTH WEST ELEVATION
 1/8" = 1'-0"



MARK	DATE	DESCRIPTION
REVISIONS		

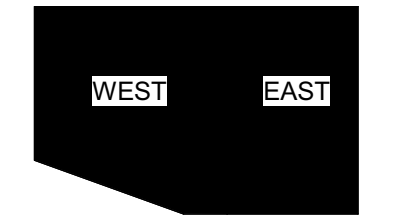
MARK	DATE	DESCRIPTION
B	02/23/2023	SD PRICE SET
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ISSUE INFORMATION
 PROJECT NO.: **2020016.01**
 GGLO PRINCIPAL IN CHARGE: **JF**
 GGLO PROJECT MANAGER: **MP**
 OWNER APPROVAL: _____

SHEET TITLE:
EXTERIOR ELEVATIONS - SOUTH WEST

SHEET NO.:
A-204

06.22.2023 - BUILDING PERMIT SET



KEY PLAN

PROJECT:
KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366
LOTS 1 AND 2, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY, LOT 3, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY

OWNER:
KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366

APPROVAL STAMPS

MARK DATE DESCRIPTION

REVISIONS

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MARK DATE DESCRIPTION

ISSUE INFORMATION

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GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

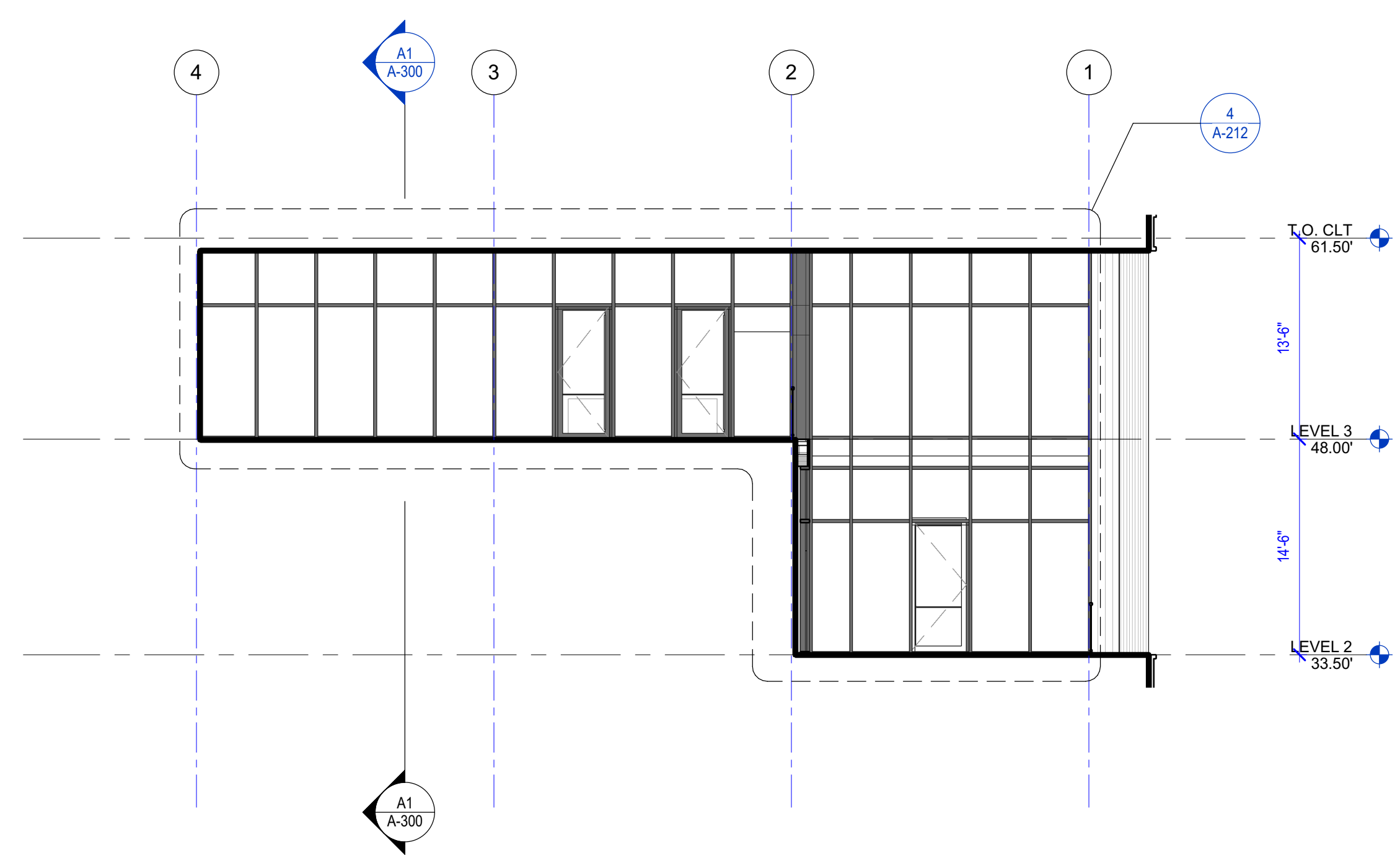
OWNER APPROVAL:

SHEET TITLE

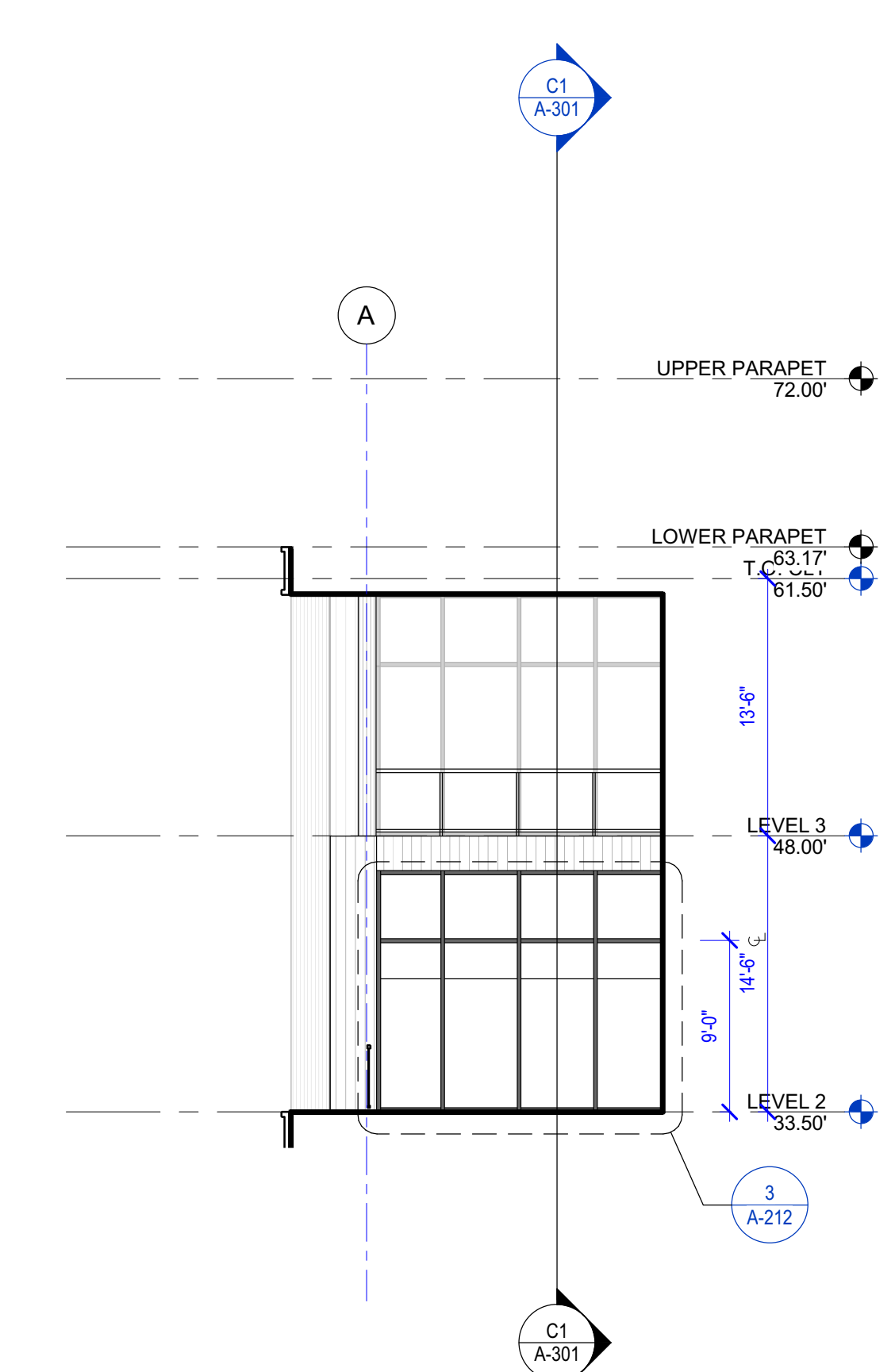
PARTIAL ELEVATIONS

SHEET NO.

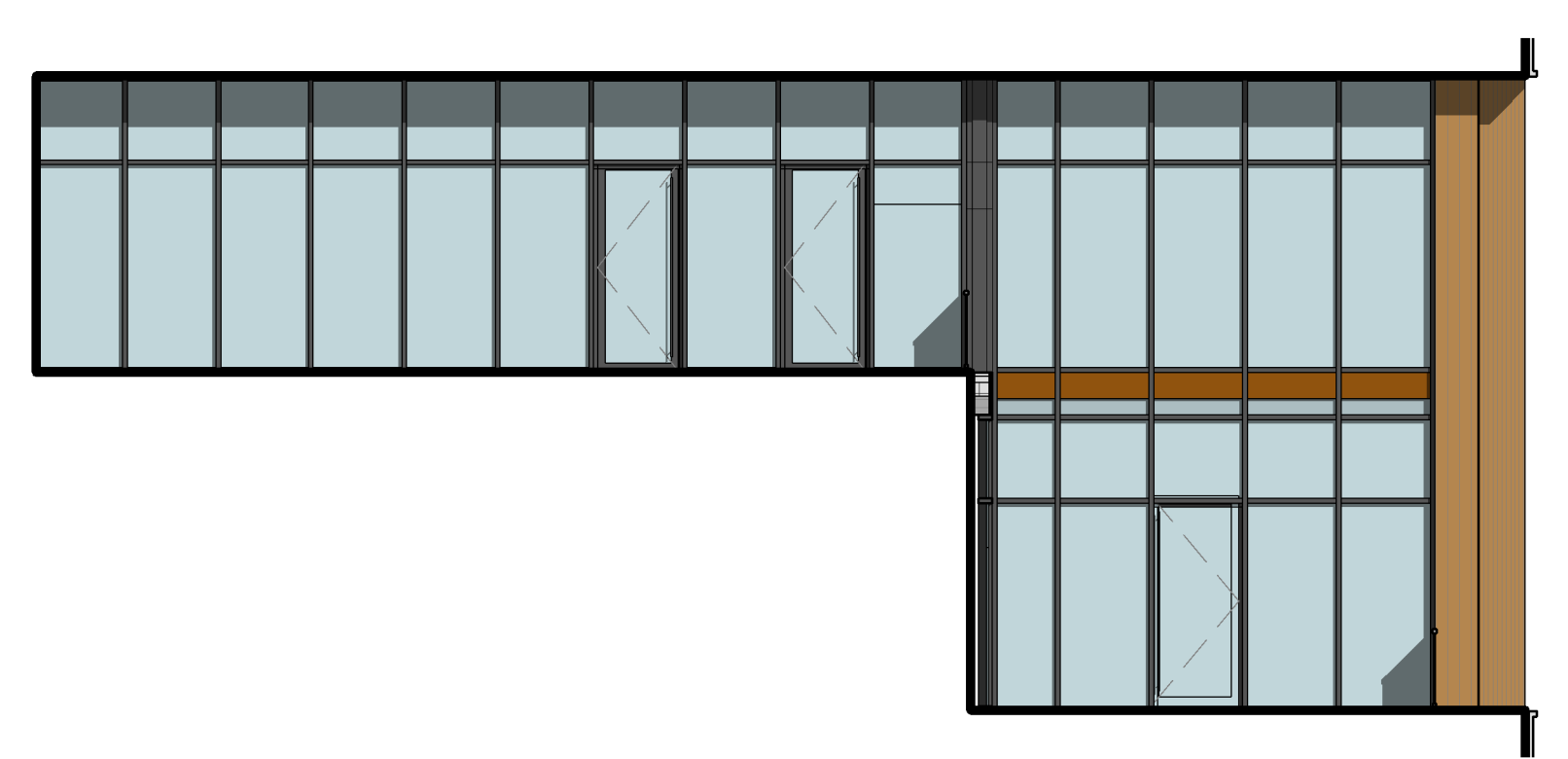
A-205



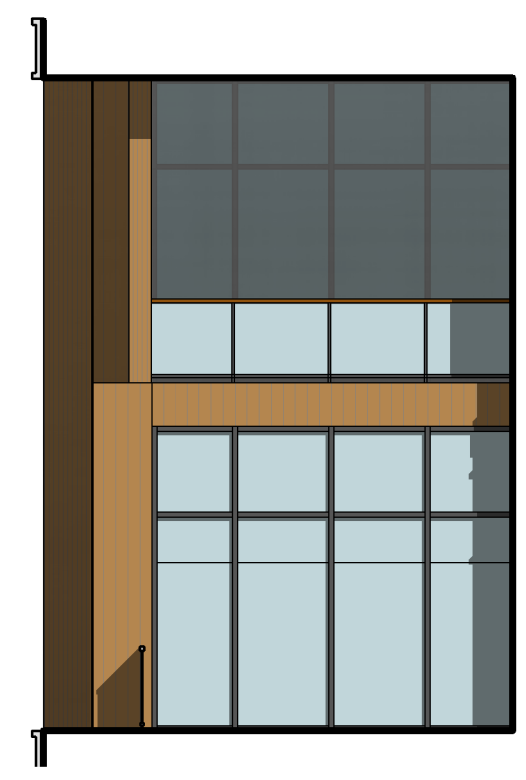
C1 SOUTH TERRACE ELEVATION
1/8" = 1'-0"



C3 EAST TERRACE ELEVATION
1/8" = 1'-0"



A1 SOUTH TERRACE ELEVATION
1/8" = 1'-0"



A3 EAST TERRACE ELEVATION
1/8" = 1'-0"

06.22.2023 - BUILDING PERMIT SET

GENERAL BUILDING SECTION NOTES

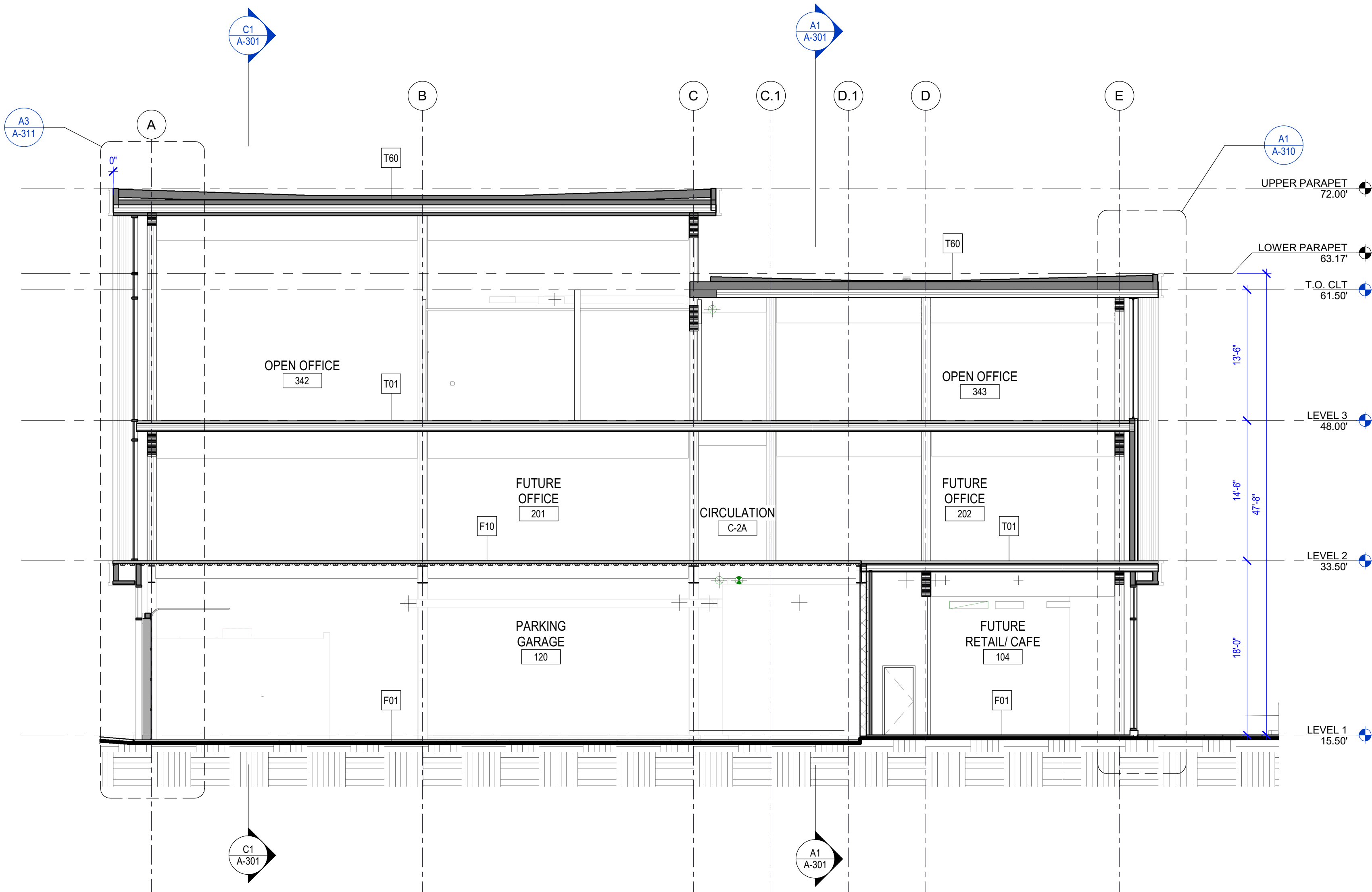
1. SEE SHEET A-601 FOR WALL ASSEMBLIES.
2. SEE SHEET A-605 FOR FLOOR, CEILING, SOFFIT AND ROOF ASSEMBLIES.
3. ALL FLOORS ARE F-XX UON.

GGLO

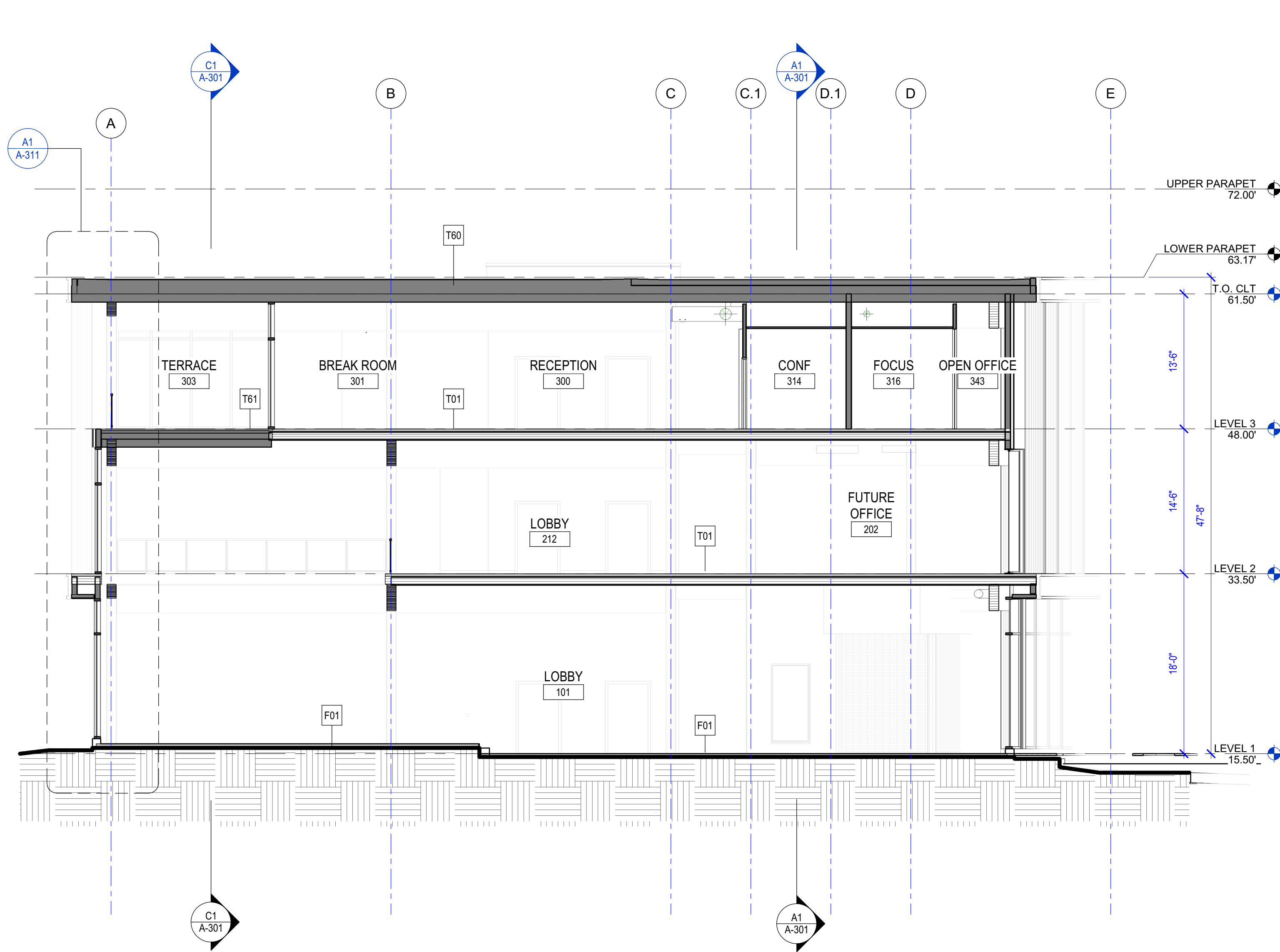
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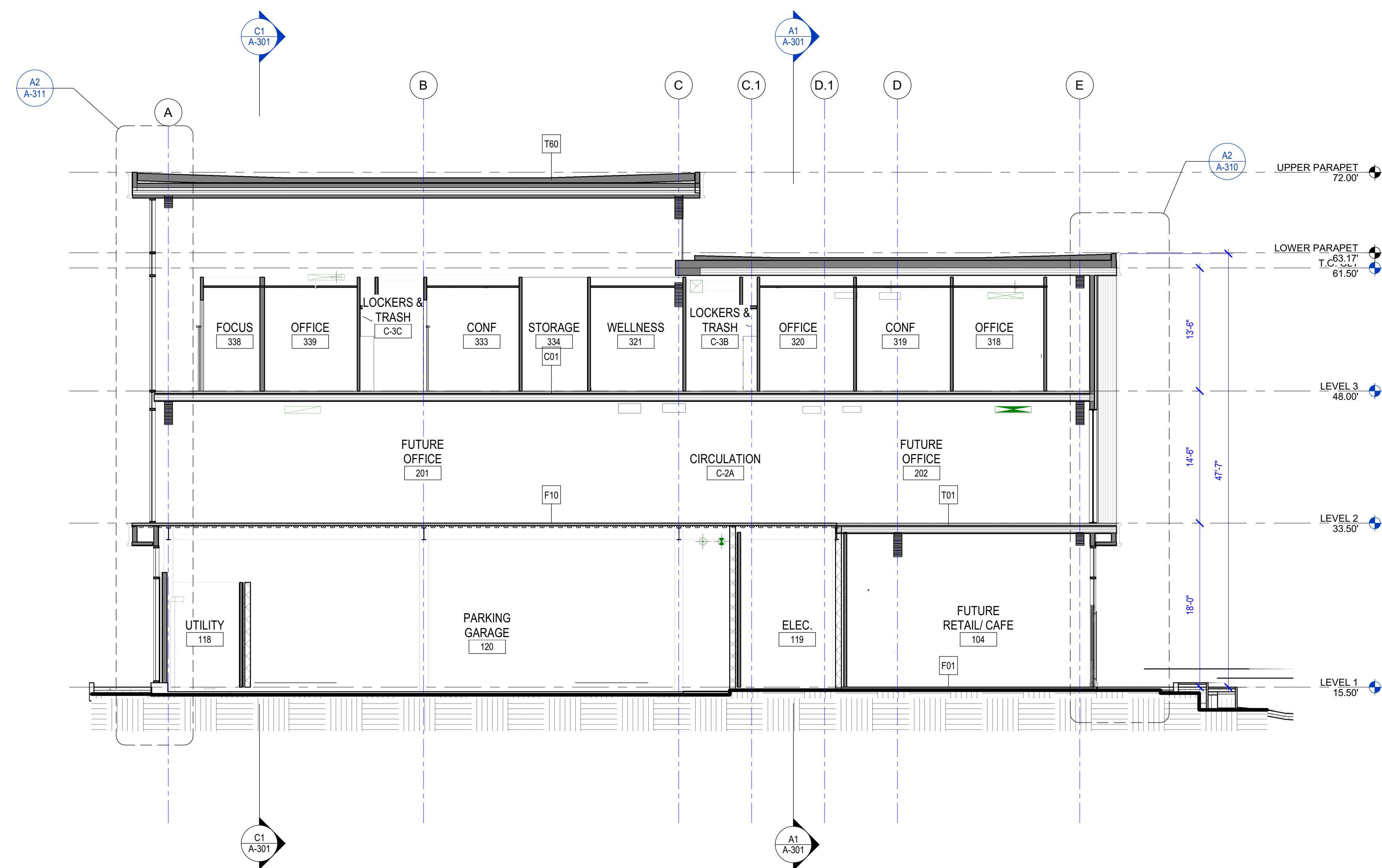
PROJECT:
KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366
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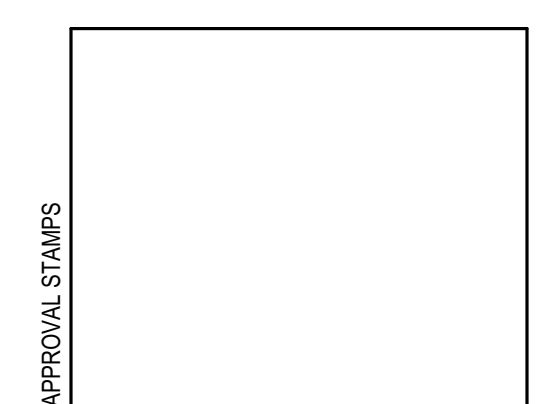
C1 BUILDING SECTION N/S
1/8" = 1'-0"



A1 BUILDING SECTION N/S
1/8" = 1'-0"



A4 BUILDING SECTION N/S
1/8" = 1'-0"



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GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
BUILDING SECTIONS

SHEET NO.
A-300

06.22.2023 - BUILDING PERMIT SET

GENERAL BUILDING SECTION NOTES

1. SEE SHEET A-601 FOR WALL ASSEMBLIES.
2. SEE SHEET A-605 FOR FLOOR, CEILING, SOFFIT AND ROOF ASSEMBLIES.
3. ALL FLOORS ARE F-XX UON.

GGLO

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PROJECT:
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PORT ORCHARD, WA 98366**

APPROVAL STAMPS

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REVISIONS

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GGLO PROJECT MANAGER: **MP**

OWNER APPROVAL:

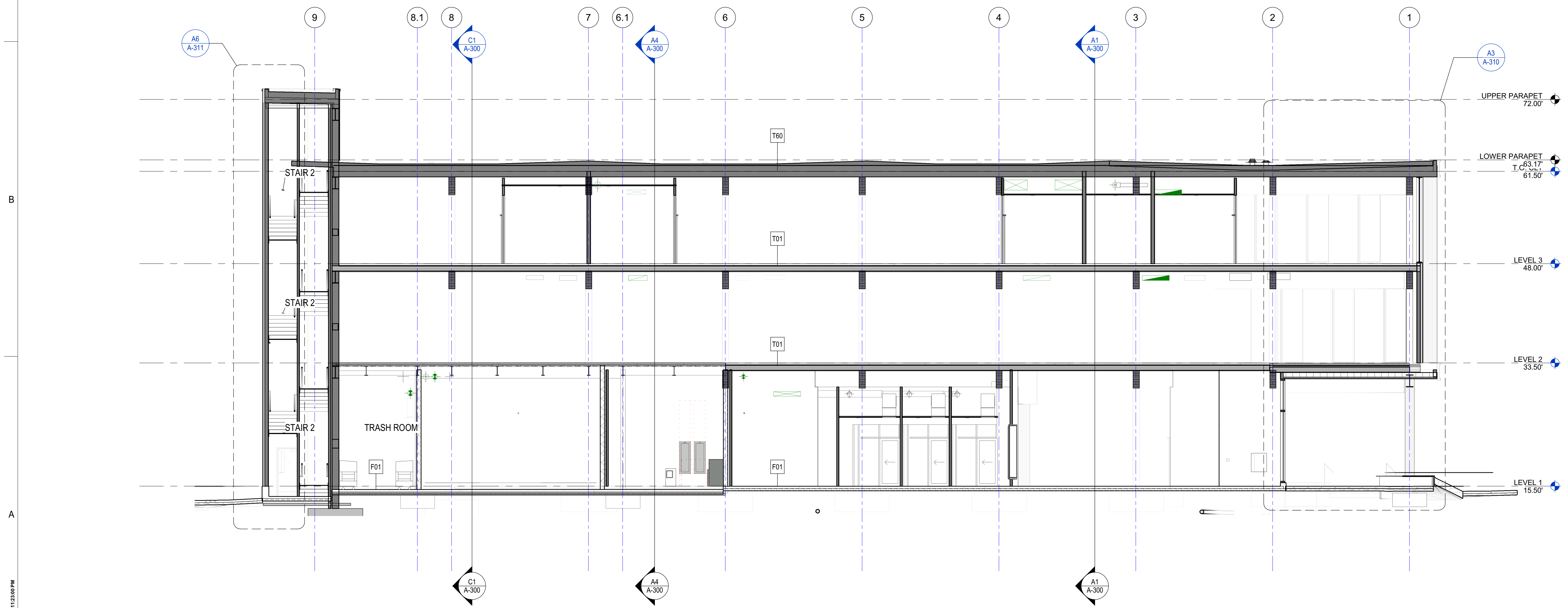
SHEET TITLE
BUILDING SECTIONS

SHEET NO.
A-301

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ORIGINAL SHEET SIZE IS 30"x42"



C1 NORTH BUILDING SECTION E/W
1/8" = 1'-0"

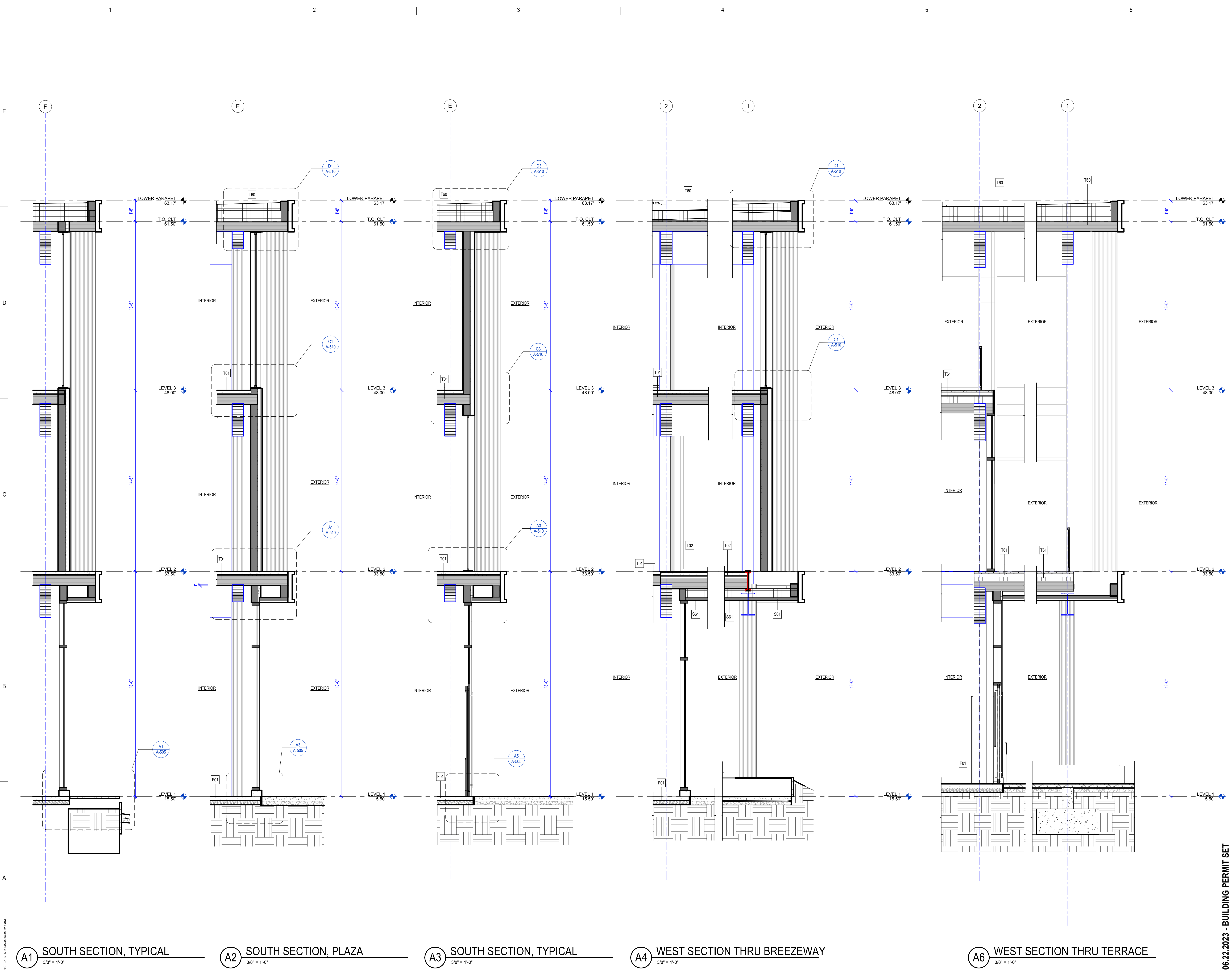


A1 SOUTH BUILDING SECTION E/W
1/8" = 1'-0"

06.22.2023 - BUILDING PERMIT SET



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APPROVAL STAMPS

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GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
WALL SECTIONS



PROJECT:
**KITSAP BANK
HEADQUARTERS**
PROJECT ADDRESS:
**625 BAY ST PORT ORCHARD WA
98366**
LOTS 1 AND 2, BLOCK 12, S.M. STEVENS TOWN
PLAT OF SIDNEY, LOT 3, BLOCK 12, S.M.
STEVENS TOWN PLAT OF SIDNEY
OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**

APPROVAL STAMPS

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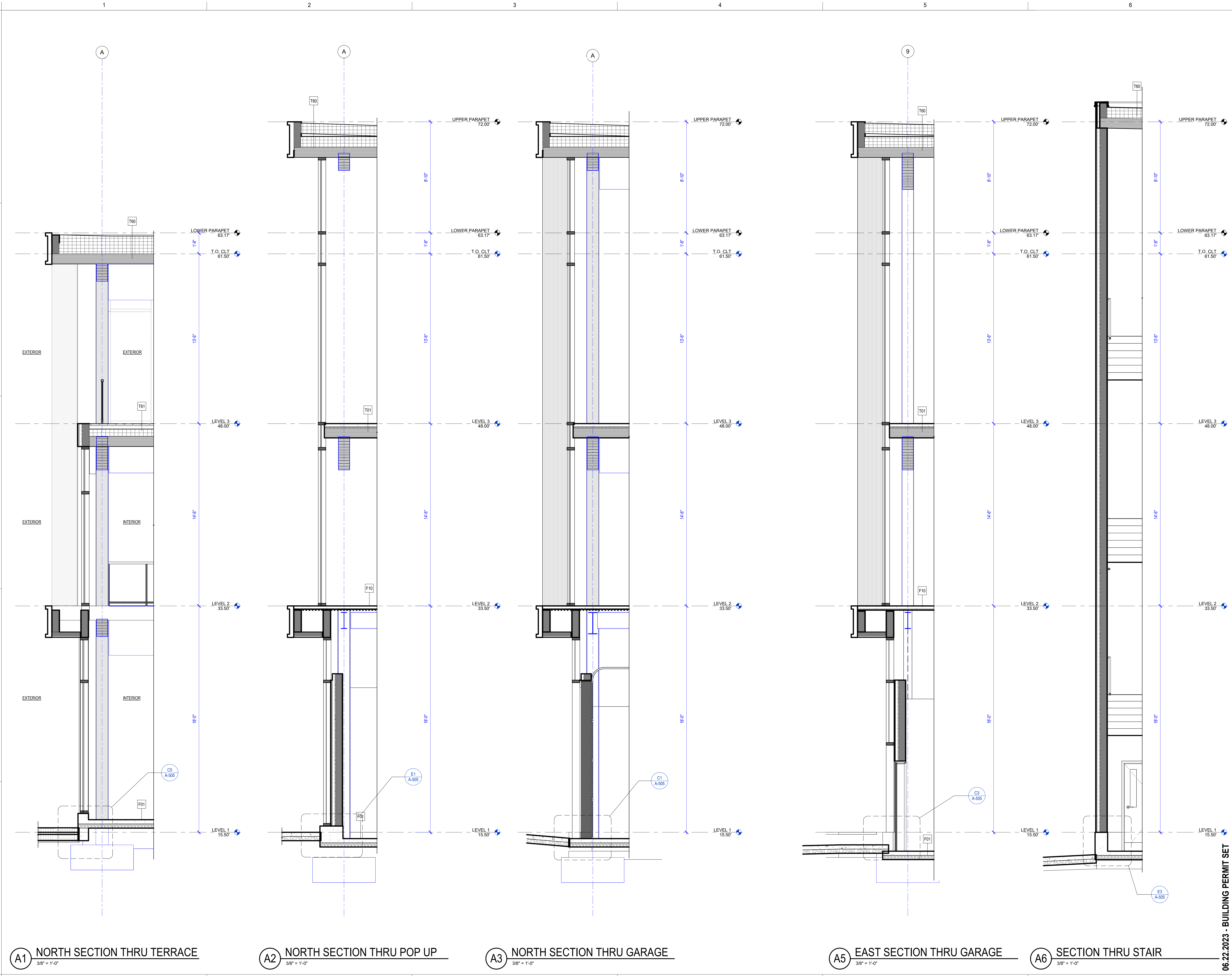
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PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: JF
GGLO PROJECT MANAGER: MP
OWNER APPROVAL:

SHEET TITLE
WALL SECTIONS

SHEET NO.
A-311

06.22.2023 - BUILDING PERMIT SET



A1 NORTH SECTION THRU TERRACE
3/8" = 1'-0"

A2 NORTH SECTION THRU POP UP
3/8" = 1'-0"

A3 NORTH SECTION THRU GARAGE
3/8" = 1'-0"

A5 EAST SECTION THRU GARAGE
3/8" = 1'-0"

A6 SECTION THRU STAIR
3/8" = 1'-0"

GENERAL STAIR NOTES

1. STAIR DETAILS PER SHEET A-535.
2. MINIMUM HEADROOM CLEARANCE IN STAIRS SHALL BE 80", MEASURED VERTICALLY FROM THE STAIR NOSING.
3. HANDRAIL HEIGHT SHALL BE 34"-38", MEASURED VERTICALLY FROM THE NOSING.
4. TOP HANDRAIL EXTENSIONS: NON-CONTINUOUS HANDRAILS SHOULD EXTEND 12" HORIZONTALLY BEYOND THE TOP RISER.
5. BOTTOM HANDRAIL EXTENSIONS: CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER.
6. FOR A MEANS OF EGRESS STAIR, TREADS SHALL BE 11" MIN DEPTH AND RISERS SHALL BE 7" MAX HEIGHT.
7. PROVIDE SIGN AT EACH FLOOR LANDING OF EACH INTERIOR EXIT STAIRWAY PER IBC 1023.9 AS SHOWN IN DETAIL.

ADD VIEW REFERENCE AND DELETE THIS NOTE

GGLO

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KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
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APPROVAL STAMPS

MARK DATE DESCRIPTION
REVISIONS

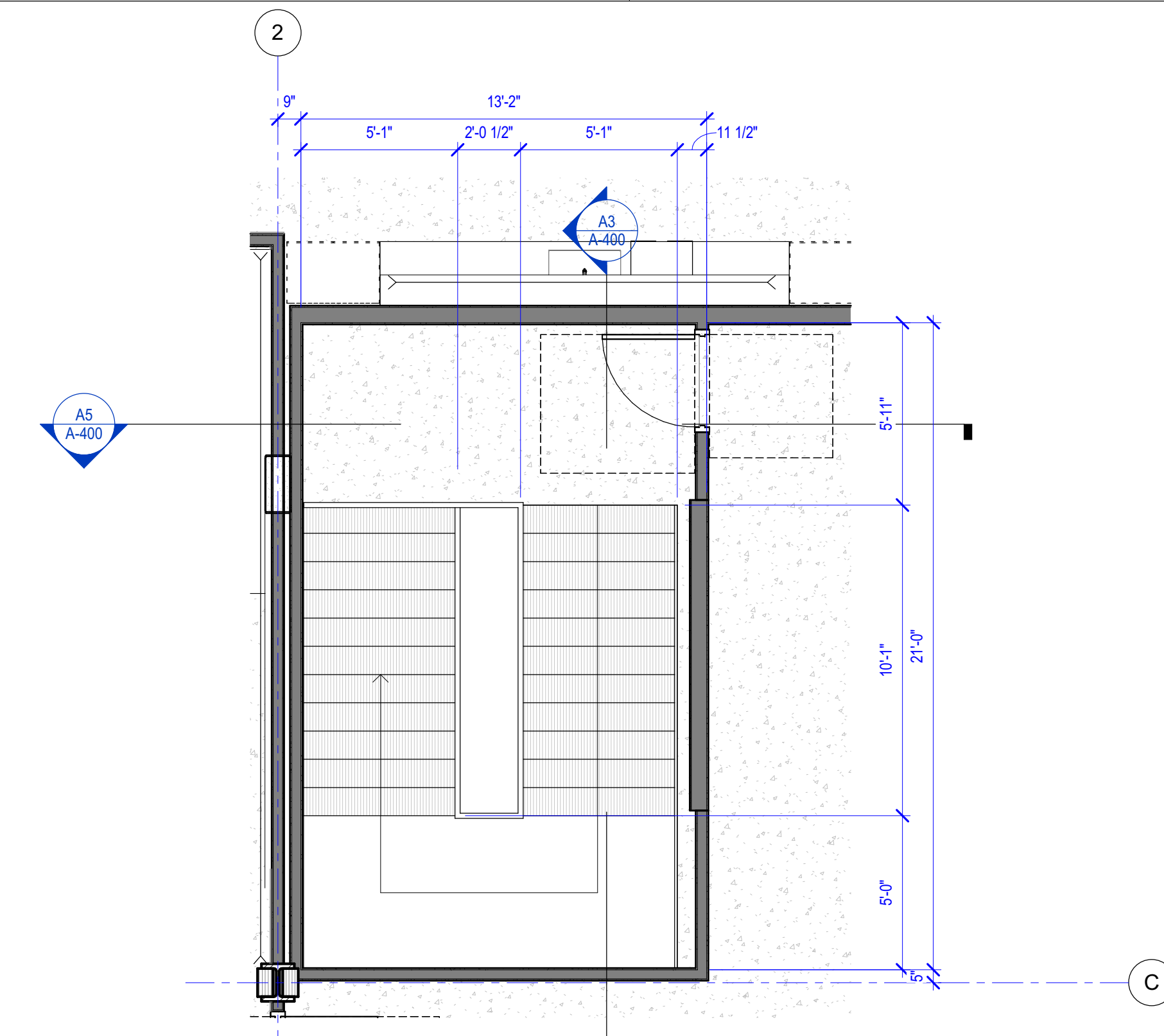
B 02/23/2023 SD PRICE SET
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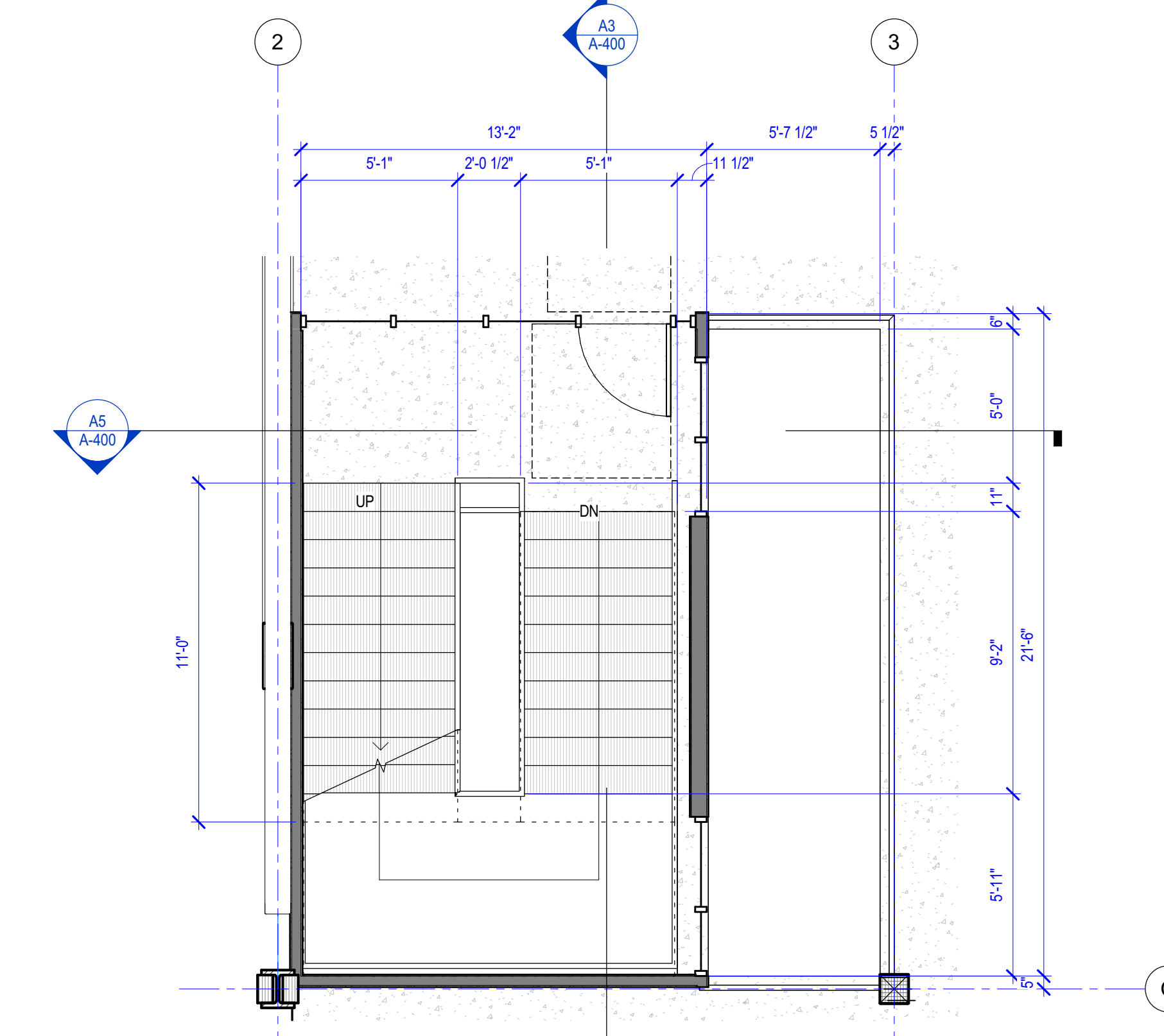
SHEET TITLE
STAIR 1 - PLANS AND SECTIONS

SHEET NO.
A-400

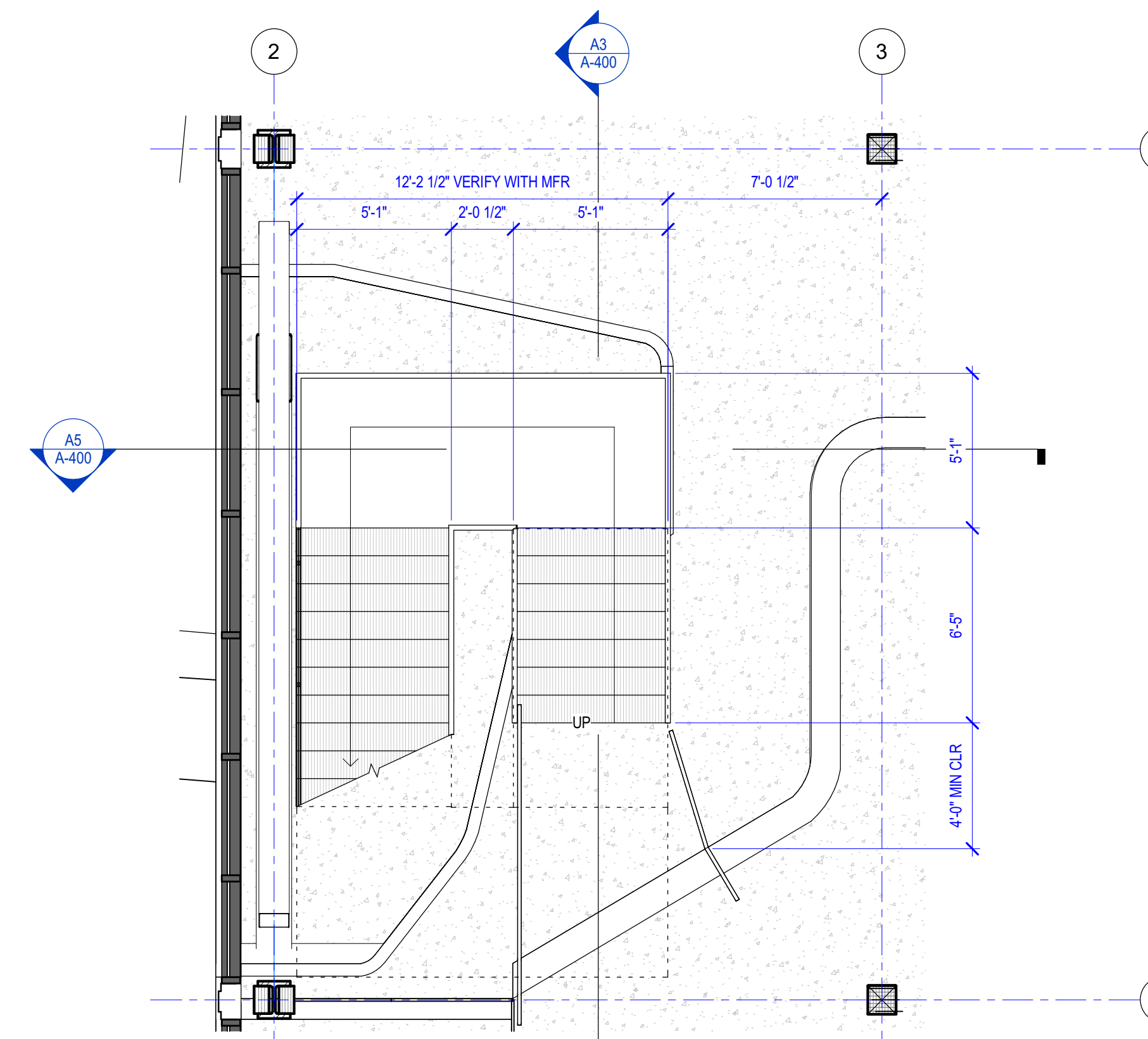
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ORIGINAL SHEET SIZE IS 30"x42"



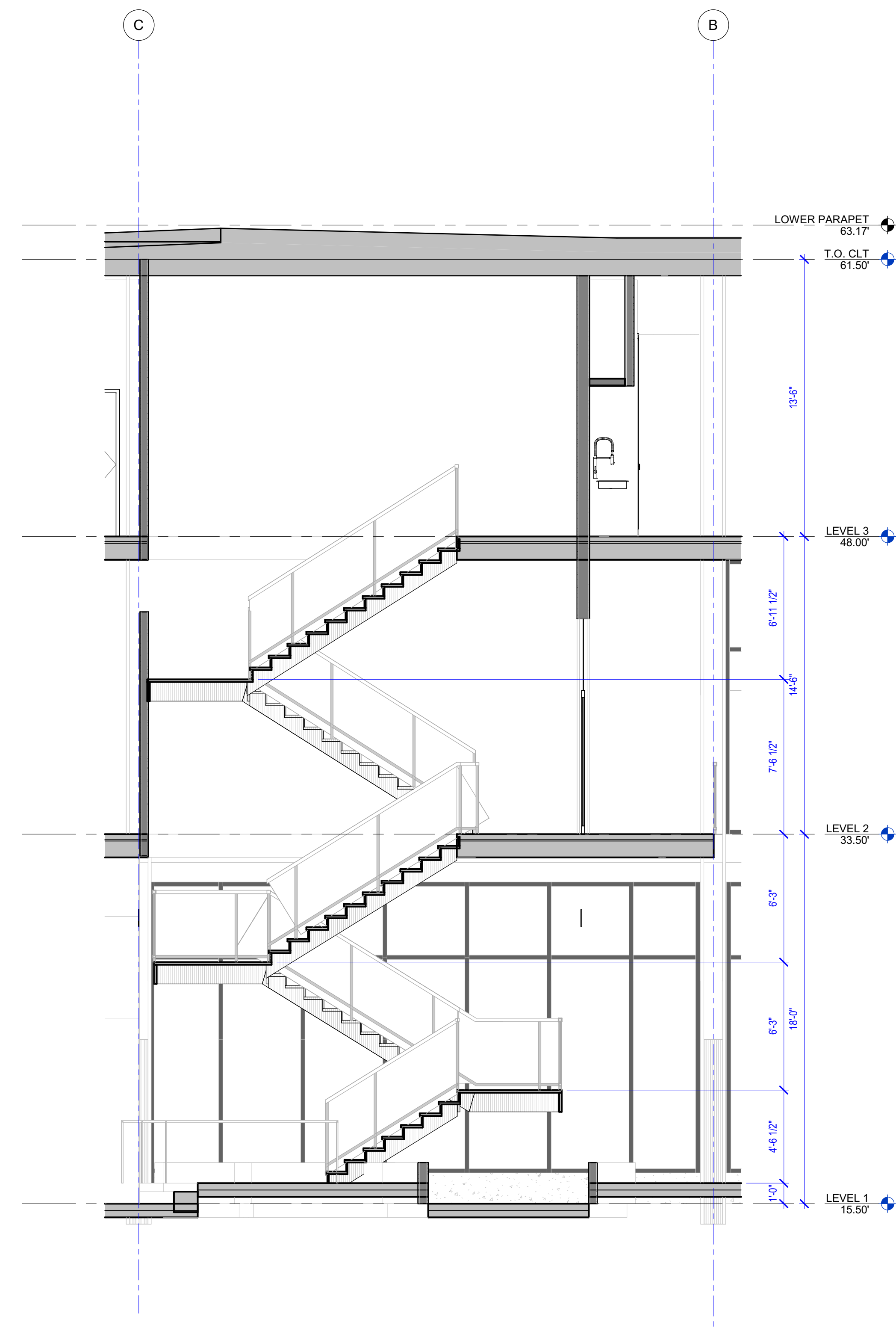
D1 LEVEL 3 - STAIR 1
1/4" = 1'-0"



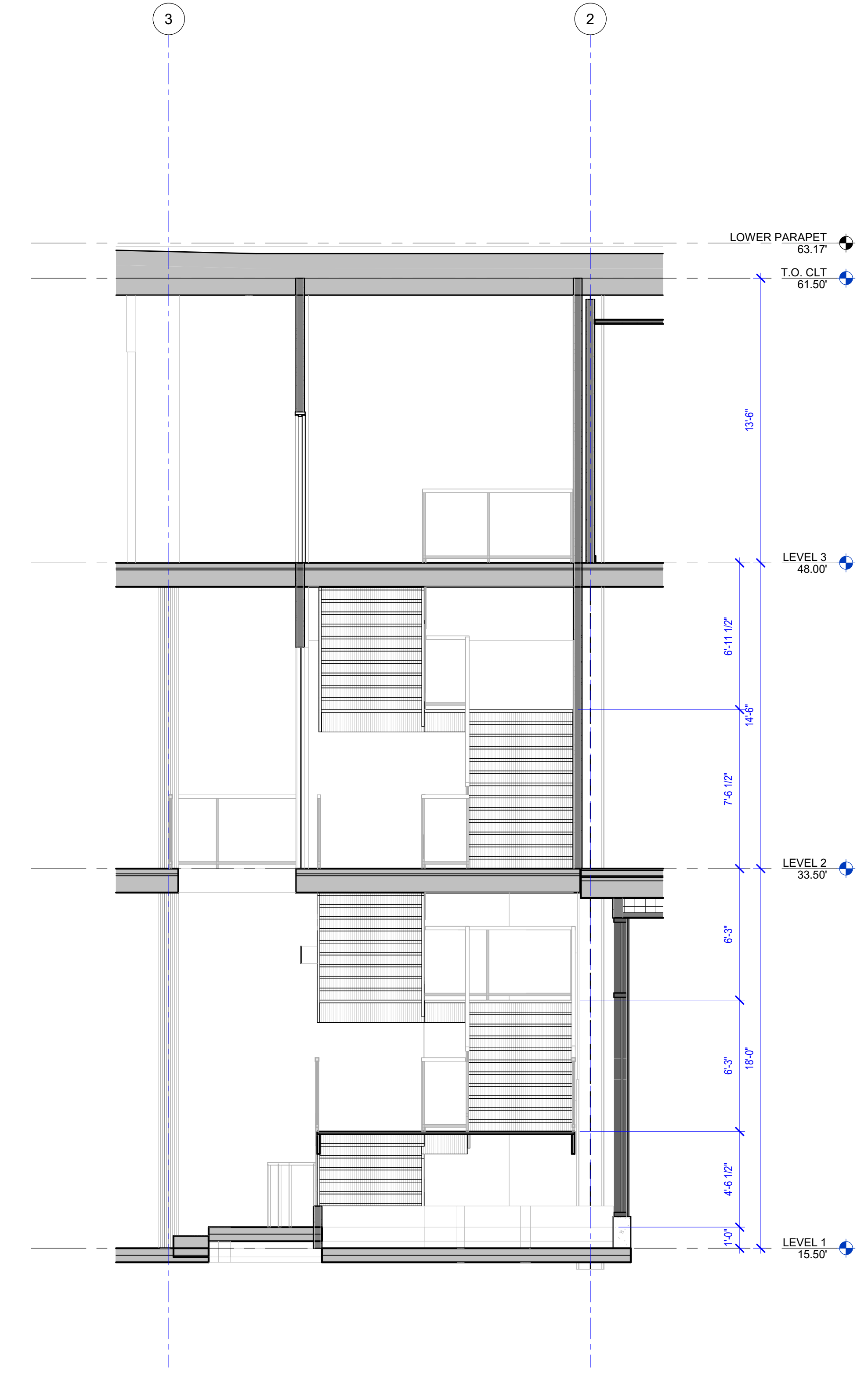
C1 LEVEL 2 - STAIR 1
1/4" = 1'-0"



A1 LEVEL 1 - STAIR 1
1/4" = 1'-0"



A3 STAIR 1 SECTION N/S
1/4" = 1'-0"



A5 STAIR 1 SECTION E/W
1/4" = 1'-0"

06.22.2023 - BUILDING PERMIT SET

GENERAL STAIR NOTES

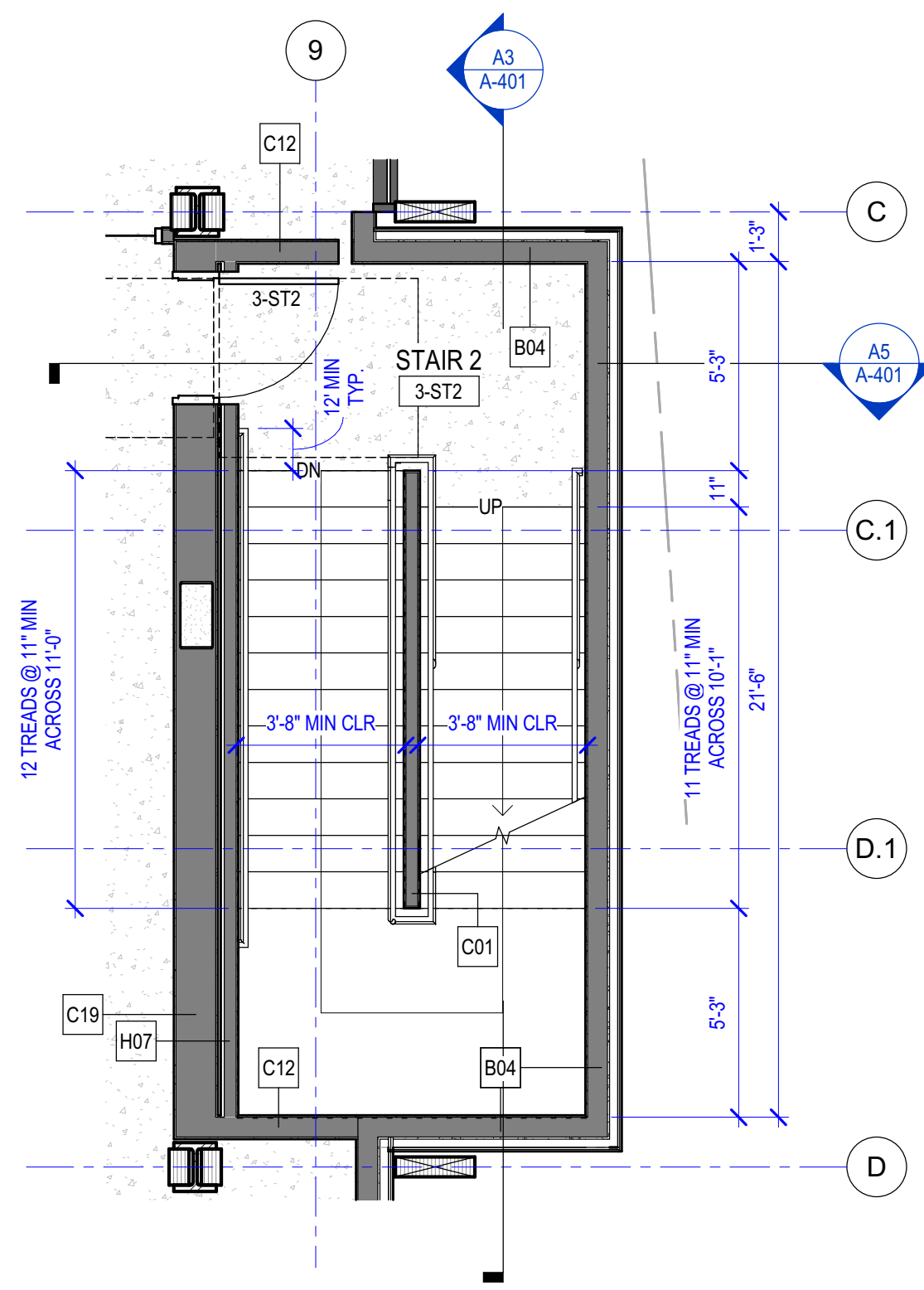
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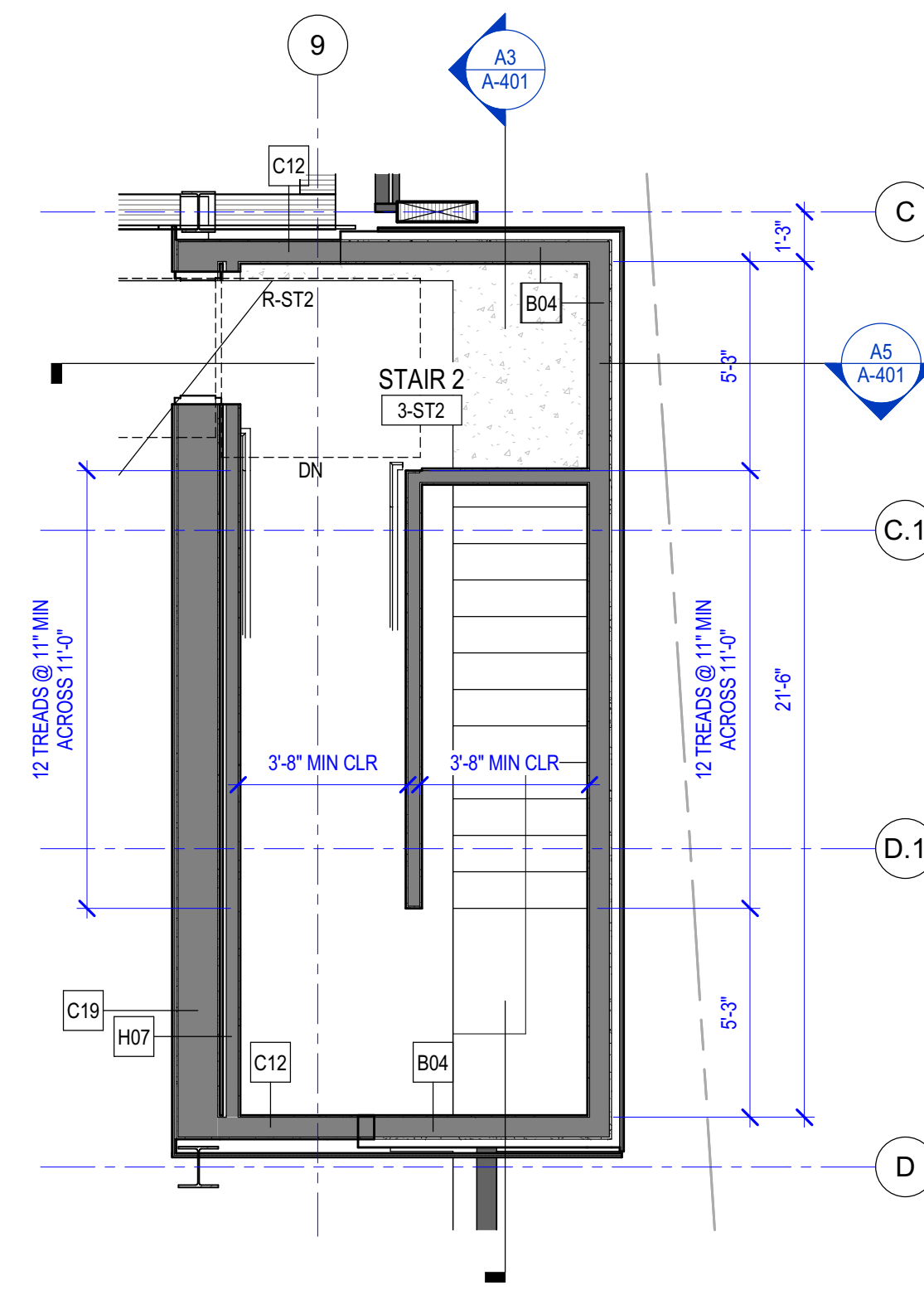
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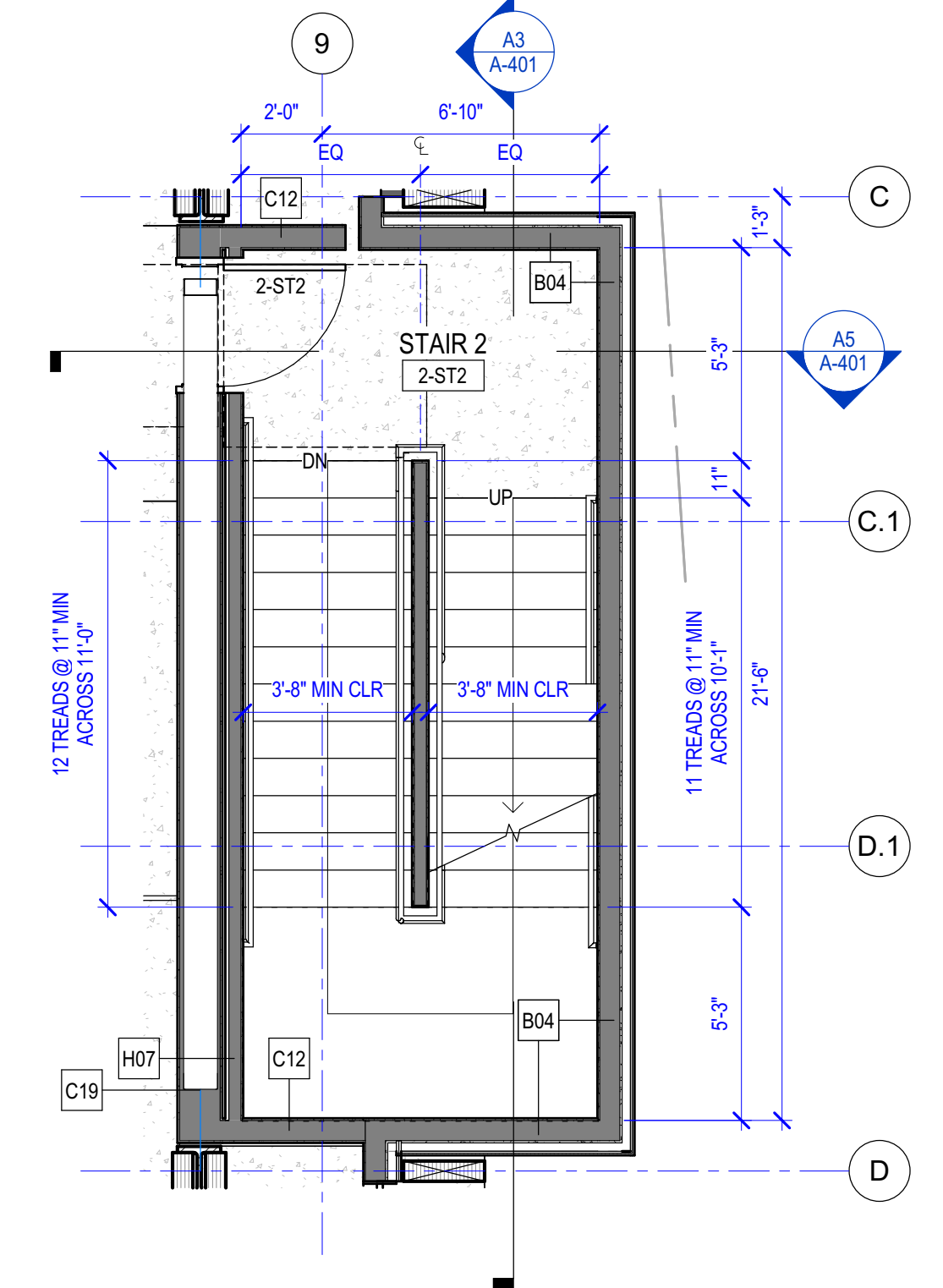
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KITSAP BANK HEADQUARTERS
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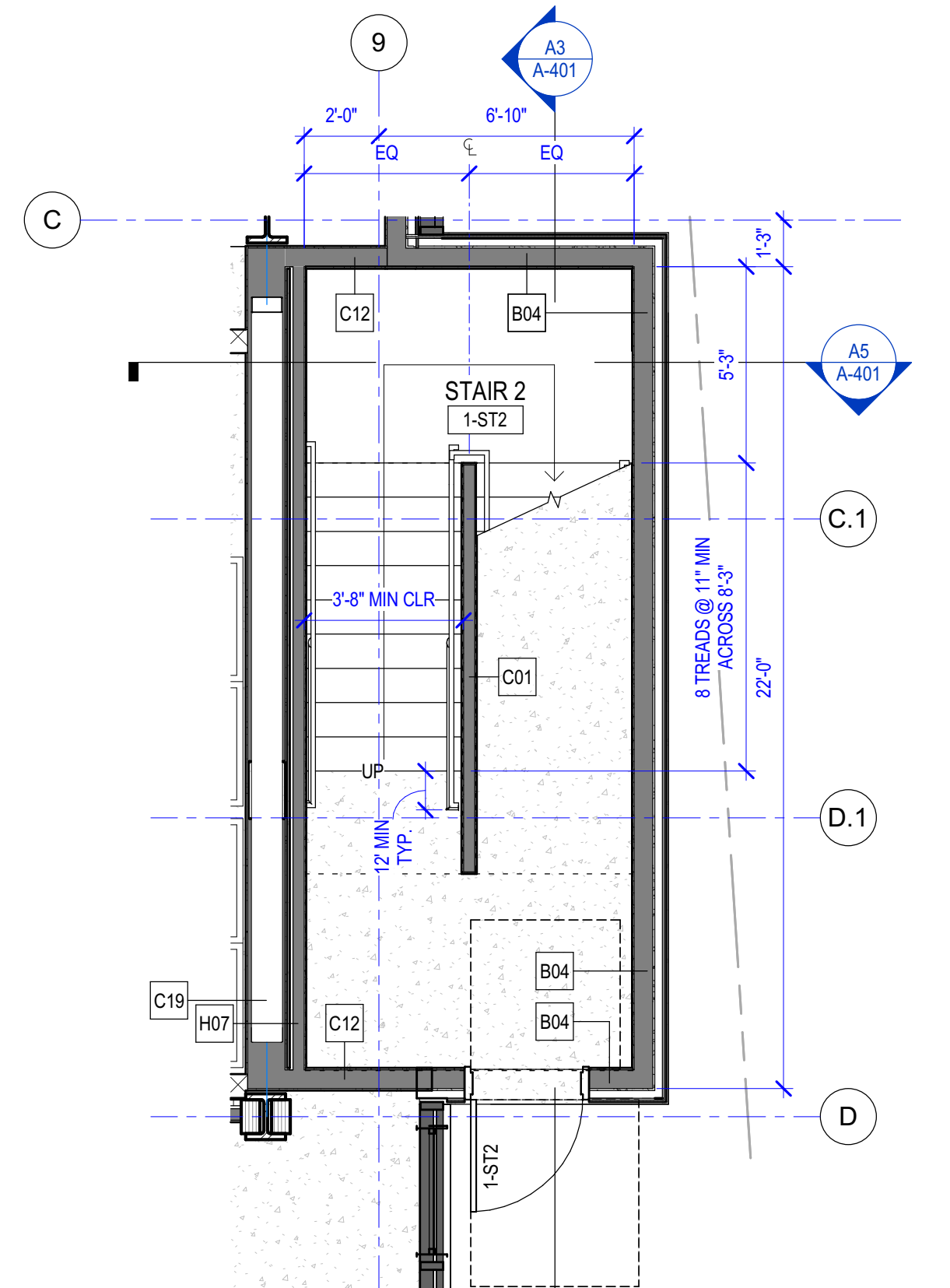
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1/4" = 1'-0"



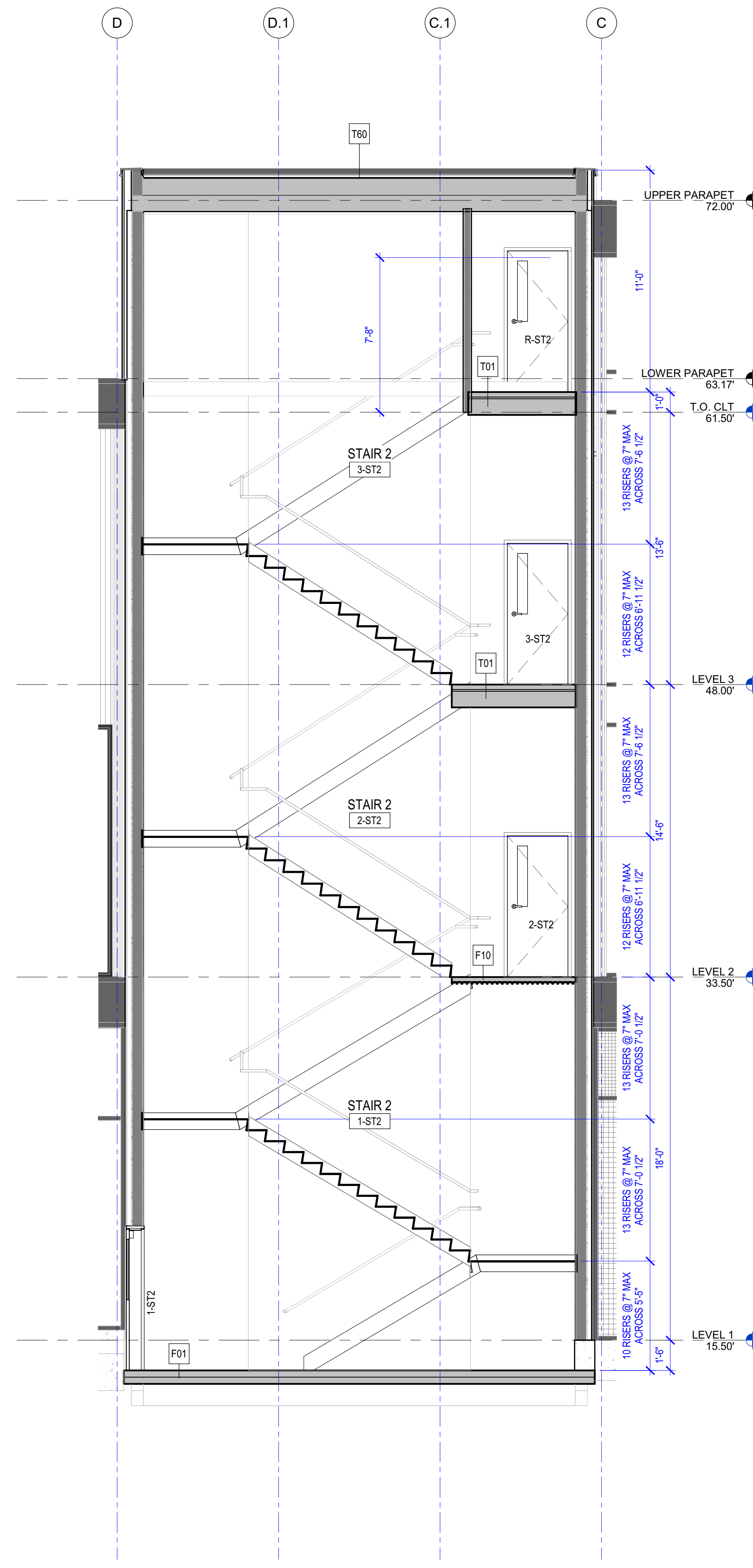
D2 T.O. PLATE - STAIR 2
1/4" = 1'-0"



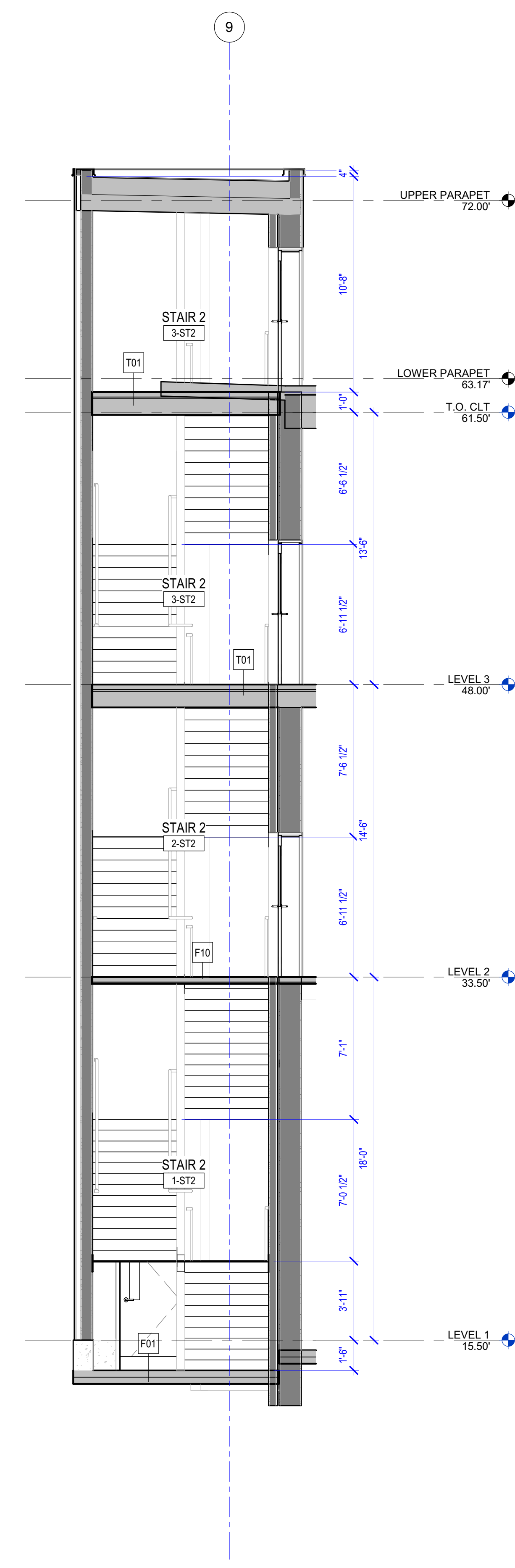
B1 LEVEL 2 - STAIR 2
1/4" = 1'-0"



A1 LEVEL 1 - STAIR 2
1/4" = 1'-0"



A3 STAIR 2 SECTION N/S
1/4" = 1'-0"



A5 STAIR 2 SECTION E/W
1/4" = 1'-0"

APPROVAL STAMPS

MARK DATE DESCRIPTION

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PROJECT NO.: **2020016.01**

GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

OWNER APPROVAL:

SHEET TITLE

STAIR 2 - PLANS AND SECTIONS

SHEET NO.

A-401

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06.22.2023 - BUILDING PERMIT SET

GENERAL ELEVATOR NOTES

- ELEVATOR DETAILS PER SHEET A-635.
- EACH CONVEYANCE REQUIRES A SEPARATE PERMIT WITH DETAILED INSTALLATION PLANS AND SHALL BE INSTALLED BY A WASHINGTON STATE LICENSED CONTRACTOR.
- COMPLY WITH SEISMIC REQUIREMENTS OF LOCAL JURISDICTION.
- IBC 3001.3 ACCOMMODATE PEOPLE WITH DISABILITIES.
- IBC 3002.1, 3002.1.1 ELEVATOR HOISTWAY SHAFTS AND PENETRATIONS SHALL BE PROTECTED AS REQUIRED IN CHAPTER 7.
- IBC 3003.3 ALL ELEVATORS SHALL BE EQUIPPED TO OPERATE WITH A STANDARDIZED FIRE SERVICE ELEVATOR KEY IN ACCORDANCE WITH THE INTERNATIONAL FIRE CODE.
- IBC 3005.2, 3005.6 AND ASME SECTIONS 2.7.2.8. PIPES, DUCTS, CONDUITS AND EQUIPMENT NOT USED FOR THE OPERATION OF THE ELEVATOR ARE PROHIBITED IN THE MACHINE ROOM AND HOISTWAY. PLUMBING AND MECHANICAL SYSTEMS SHALL NOT BE LOCATED IN AN ELEVATOR HOISTWAY ENCLOSURE. EXCEPTION: FLOOR DRAINS, SUMP PUMPS AND SUMP PUMPS SHALL BE PERMITTED AT THE BASE OF THE HOISTWAY ENCLOSURE PROVIDED THEY ARE INDIRECTLY CONNECTED TO THE PLUMBING SYSTEM.
- IBC 3005.1 AN APPROVED MEANS OF ACCESS SHALL BE PROVIDED TO ELEVATOR MACHINE ROOMS AND OVERHEAD MACHINERY SPACES.
- WA IBC 3005.2 PROVIDE MACHINE ROOM VENTILATION USING OUTDOOR MAKEUP AIR. VENTILATION SYSTEMS SHALL SERVICE THE EQUIPMENT ONLY AND SHALL BE CAPABLE OF MAINTAINING MANUFACTURER RECOMMENDED TEMPERATURE AND HUMIDITY RANGE REQUIREMENTS.
- IBC 3006.3 PROVIDE HOISTWAY VENTILATION. PROVIDE DAMPERS THAT REMAIN POWERED CLOSED UNTIL ACTIVATED OPEN BY THE FIRE ALARM SYSTEM PANEL. THE DAMPERS SHALL OPEN UPON LOSS OF POWER.
- WA IBC 3009.1 AND 3009.2 HOISTWAY VENTS SHALL BE LOCATED AT THE TOP OF THE HOISTWAY AND SHALL OPEN EITHER DIRECTLY TO THE OUTER AIR OR THROUGH NONCOMBUSTIBLE DUCTS TO THE OUTER AIR. NONCOMBUSTIBLE DUCTS SHALL BE PERMITTED TO PASS THROUGH THE ELEVATOR MACHINE ROOM, PROVIDED THAT PORTIONS OF THE DUCTS LOCATED OUTSIDE THE HOISTWAY OR MACHINE ROOM ARE ENCLOSED BY CONSTRUCTION HAVING NOT LESS THAN THE FIRE-RESISTANCE RATING REQUIRED FOR THE HOISTWAY.
- STAIRWAY ENCLOSURES AND ELEVATOR SHAFT VENTS AND OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE SHALL BE PROVIDED WITH DAMPERS IN ACCORDANCE WITH WSEC C402.4.5.1 AND C402.4.5.2
- ASME 2.7.4 PROVIDE 7'-0" CLEAR HEADROOM IN MACHINE ROOM.
- ASME 2.4, 3.4 PROVIDE PROPER TO CAR RUNWAYS, CLEARANCES AND REFUGE SPACE.
- ASME 2.1.1.2, 2.11.14 GROUT ALL MASONRY JAMBS AND HEADERS TO RETAIN FIRE RATING OF HOISTWAY. IN OTHER THAN MASONRY, PROVIDE LABELED ENTRANCE ASSEMBLIES INSTALLED AS TESTED.
- ASME 2.2.2. WATERPROOF AS NECESSARY TO PREVENT ENTRY OF GROUND WATER.
- ASME 2.2.4 PROVIDE A PIT LADDER.
- ASME 2.2.7.1.1.2 THIS STRUCTURE IS CONSIDERED AS UNATTENDED, AND ADDITIONAL EMERGENCY SIGNALING DEVICES SHALL BE PROVIDED (PHONE TO ANSWERING SERVICE).
- IBC 1009.10 DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF ALL OTHER MEANS OF EGRESS AND WHICH OF THOSE ARE ACCESSIBLE MEANS OF EGRESS SHALL BE PROVIDED AT 1) EXITS SERVING REQUIRED ACCESSIBLE SPACES BUT NOT SERVING AS AN ACCESSIBLE MEANS OF EGRESS, 2) AT ELEVATOR LANDINGS, 3) WITHIN AREAS OF REFUGE.
- REFERENCE ENLARGED FLOOR PLANS FOR WALL ASSEMBLY TAGS.
- BASIS OF DESIGN ELEVATOR: PAIR OF KONE MONOSPACE 3000X - MACHINE ROOM-LESS, TRACTION, 150FPM, (2) 3000LBS, FRONT OPENING
- ASME 2.2.5 PROVIDE MIN 10 FC ILLUMINATION AT THE PIT FLOOR.

GGLO

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PROJECT:
KITSAP BANK HEADQUARTERS

PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

LOTS 1 AND 2, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY, LOT 3, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY

OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**



MARK	DATE	DESCRIPTION
REVISIONS		

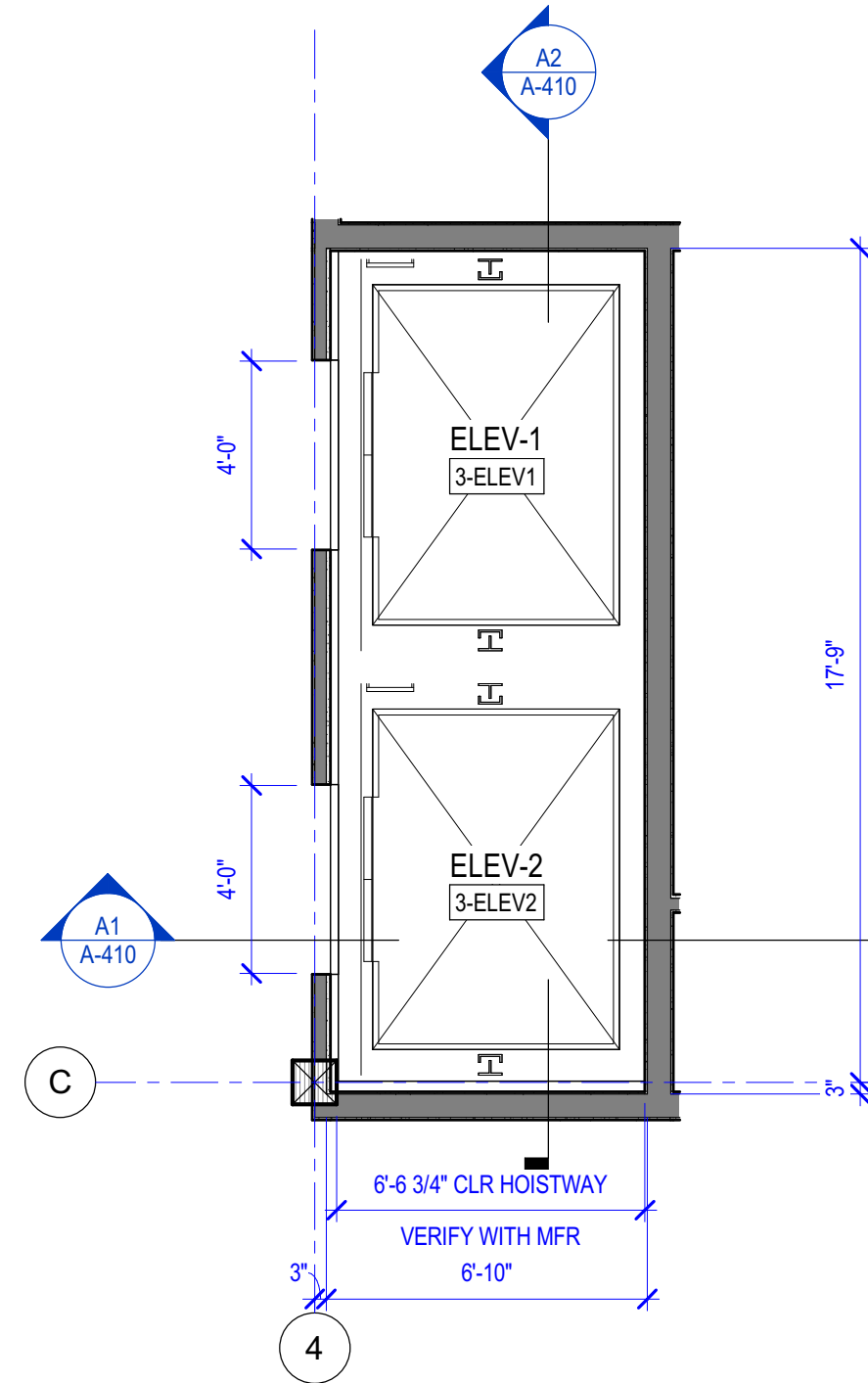
MARK	DATE	DESCRIPTION
B	02/23/2023	SD PRICE SET
A	03/01/2022	CONCEPT DESIGN PRICE SET

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

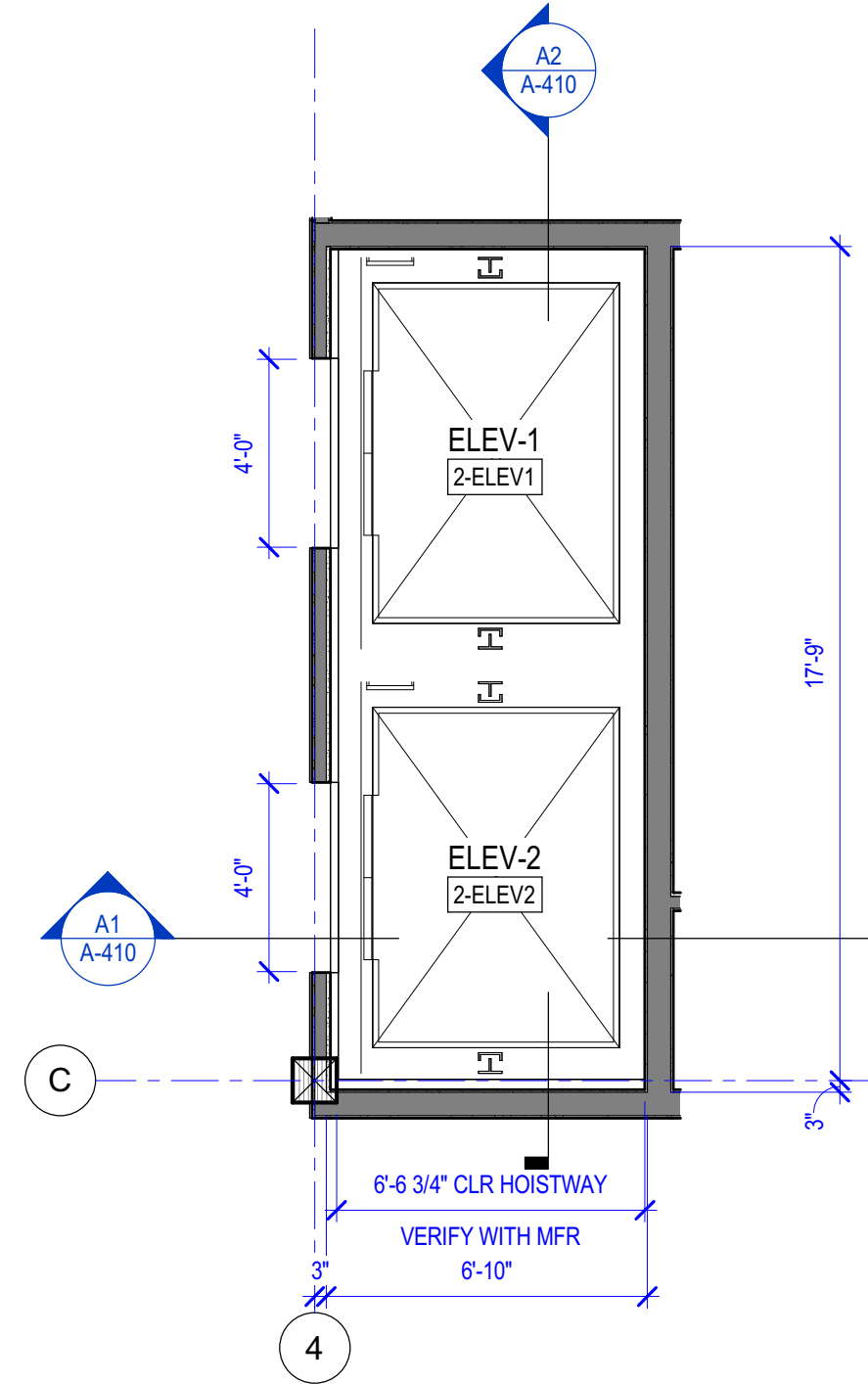
SHEET TITLE
ELEVATOR 1 - PLANS AND SECTIONS

SHEET NO.
A-410

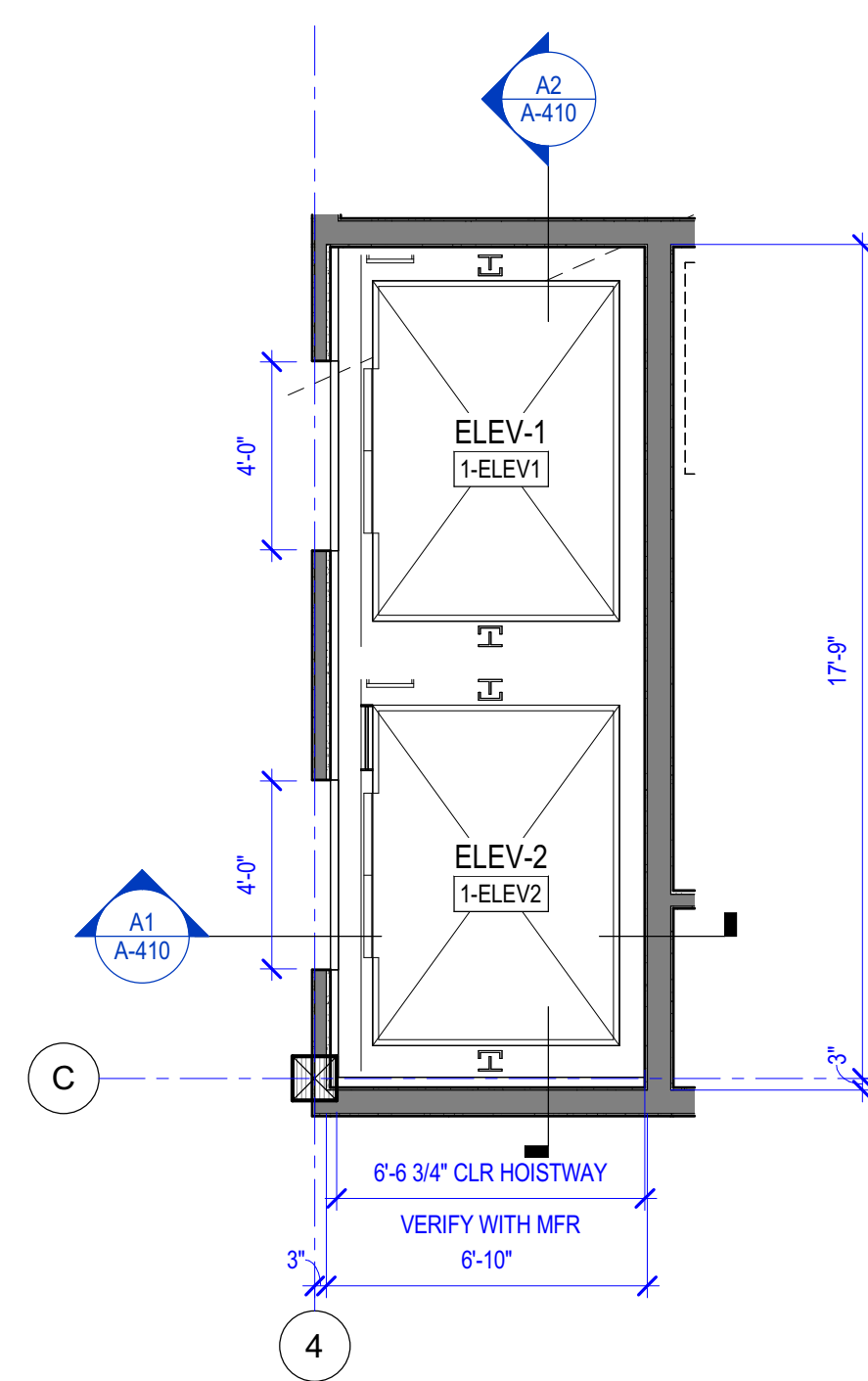
COPYRIGHT GGLO. ALL RIGHTS RESERVED. ORIGINAL SHEET SIZE IS 30"X42"



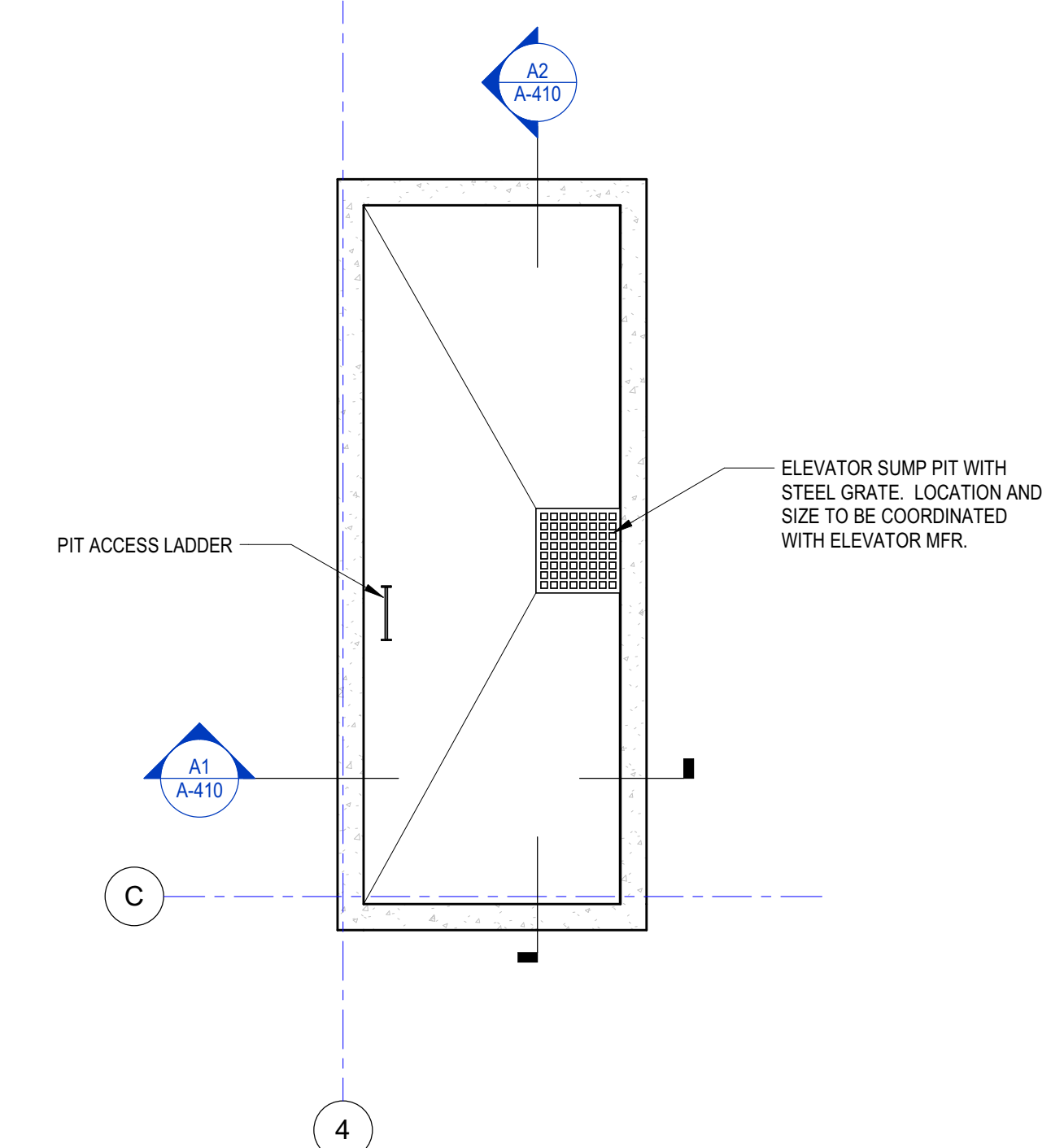
D4 LEVEL 3 - ELEVATOR
1/4" = 1'-0"



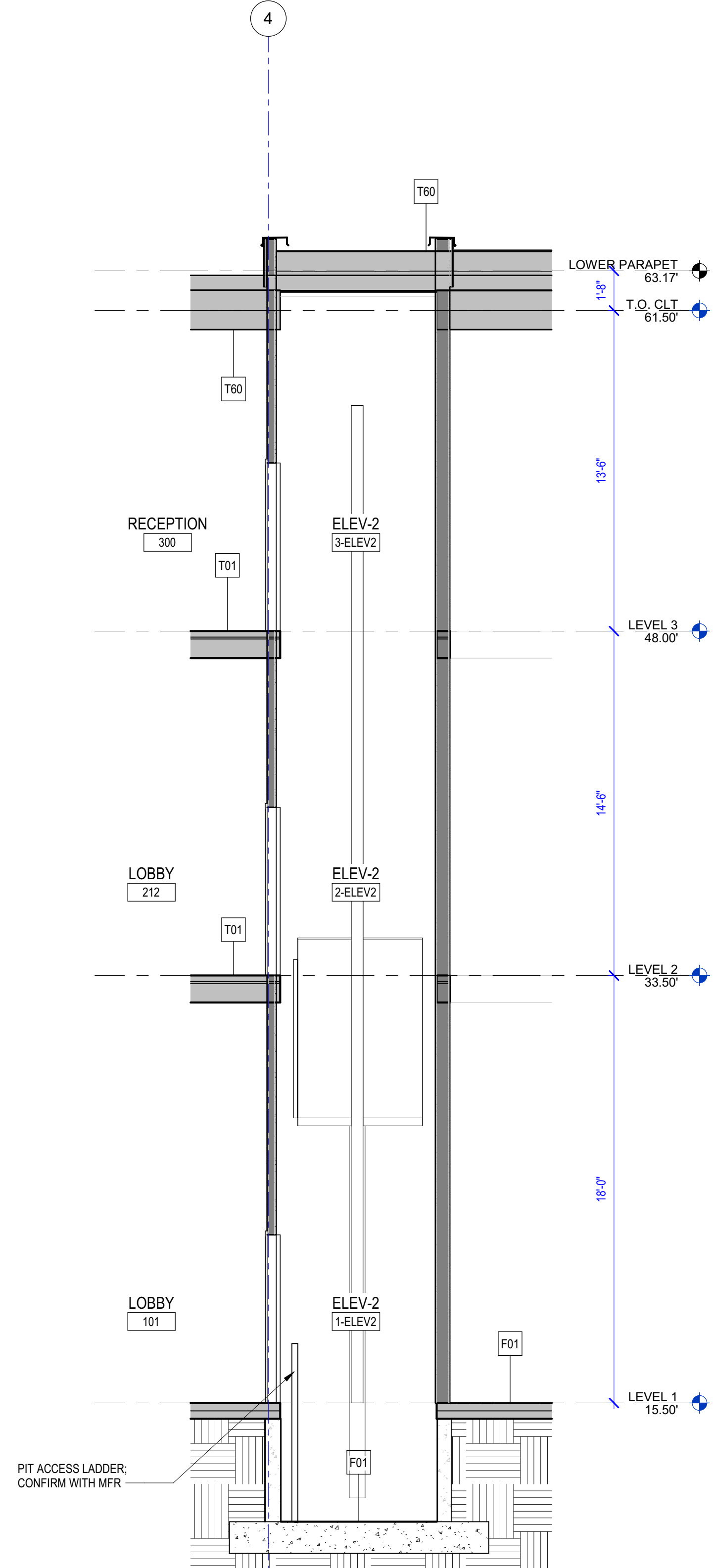
B4 LEVEL 2 - ELEVATOR
1/4" = 1'-0"



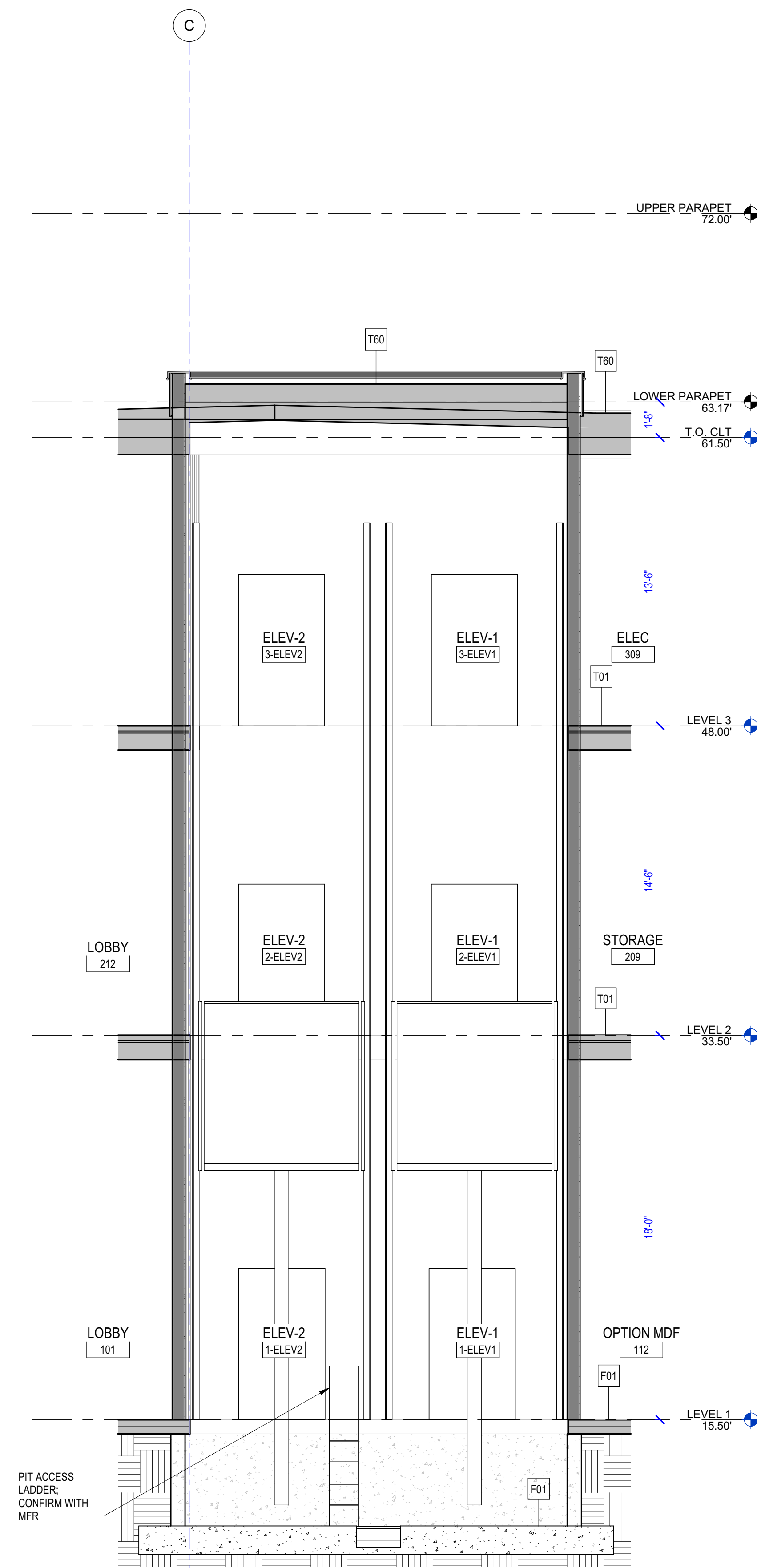
A4 LEVEL 1 - ELEVATOR
1/4" = 1'-0"



A5 LEVEL 1 - ELEVATOR PIT
1/4" = 1'-0"



A1 ELEVATOR SECTION - E/W
1/4" = 1'-0"



A2 ELEVATOR SECTION N/S
1/4" = 1'-0"

06.22.2023 - BUILDING PERMIT SET

GENERAL PUBLIC RESTROOM NOTES

- SEE A-500 FOR ADDITIONAL ACCESSIBLE INFORMATION REQUIREMENTS.
- PARTITIONS AND COLUMNS TO RECEIVE PAINT PT-X, UON.
- PLAN DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE WALL, CENTERLINE OF COLUMN, OR CENTERLINE OF ROUGH OPENINGS, UON. CONTACT ARCHITECT FOR CLARIFICATIONS.
- INSTALL BLOCKING FOR GRAB BARS IN BATHROOM WALLS SURROUNDING WATER CLOSETS.
- REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.

KEY NOTES - PUBLIC RESTROOM

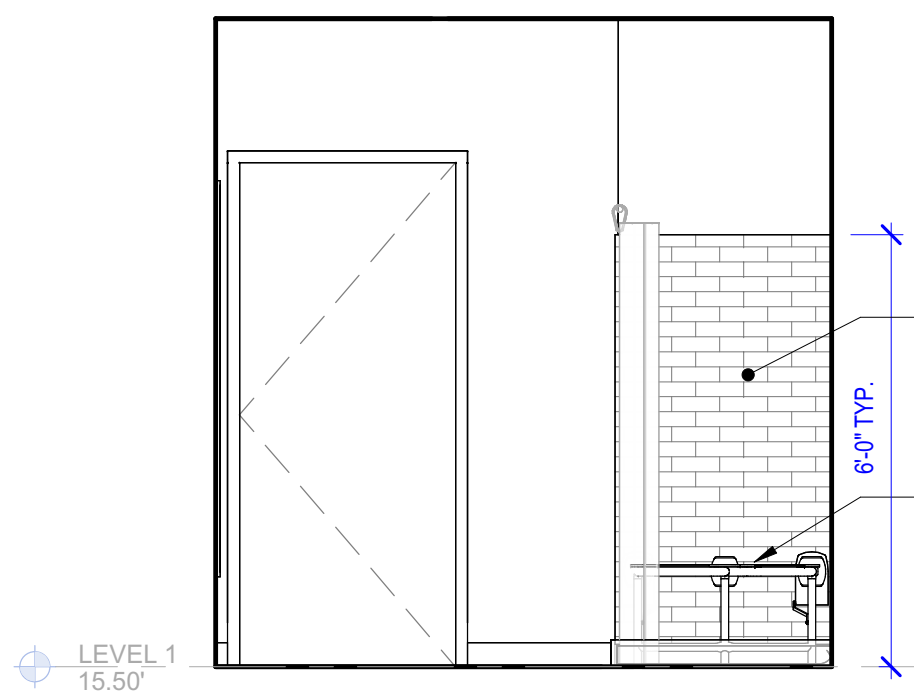
- MIRR-X FULL HEIGHT MIRROR, MOUNT AT 15" A.F.F. FROM BOT. OF MIRROR.

GGLO

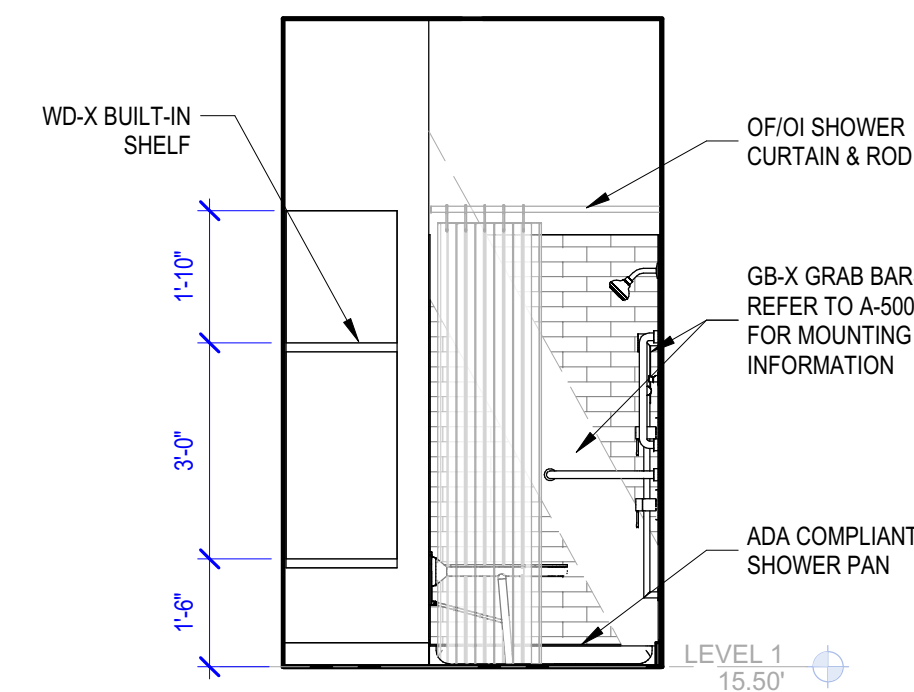
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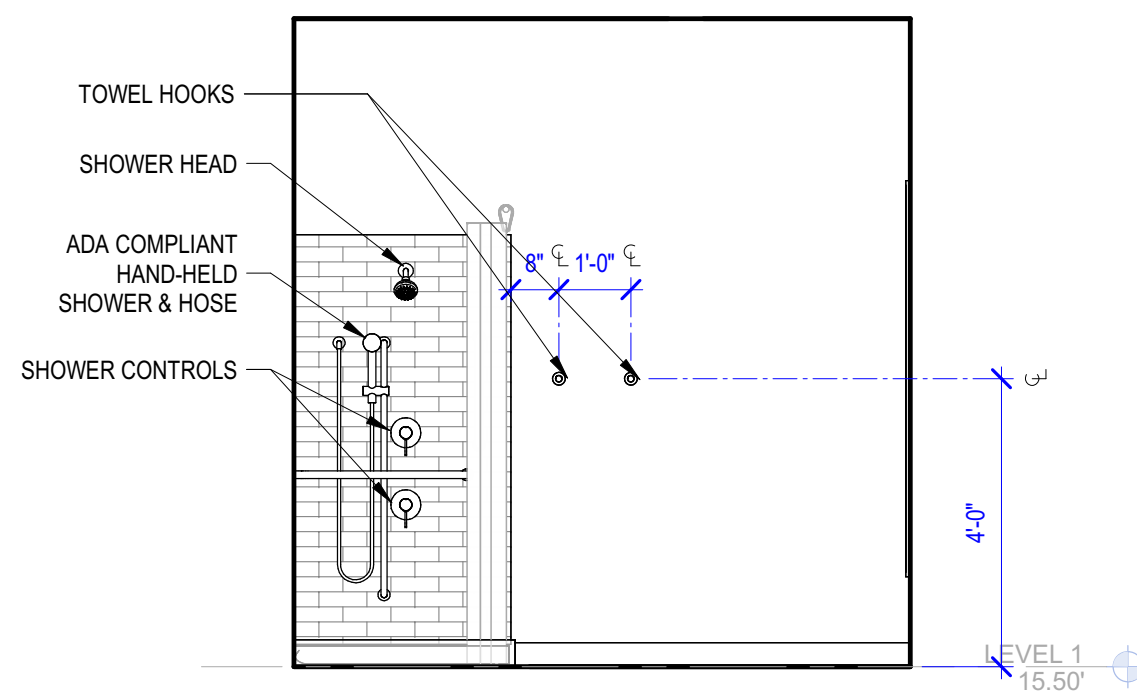
PROJECT:
KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366
LOTS 1 AND 2, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY, LOT 3, BLOCK 12, S.M. STEVENS TOWN PLAT OF SIDNEY
OWNER:
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619 BAY STREET
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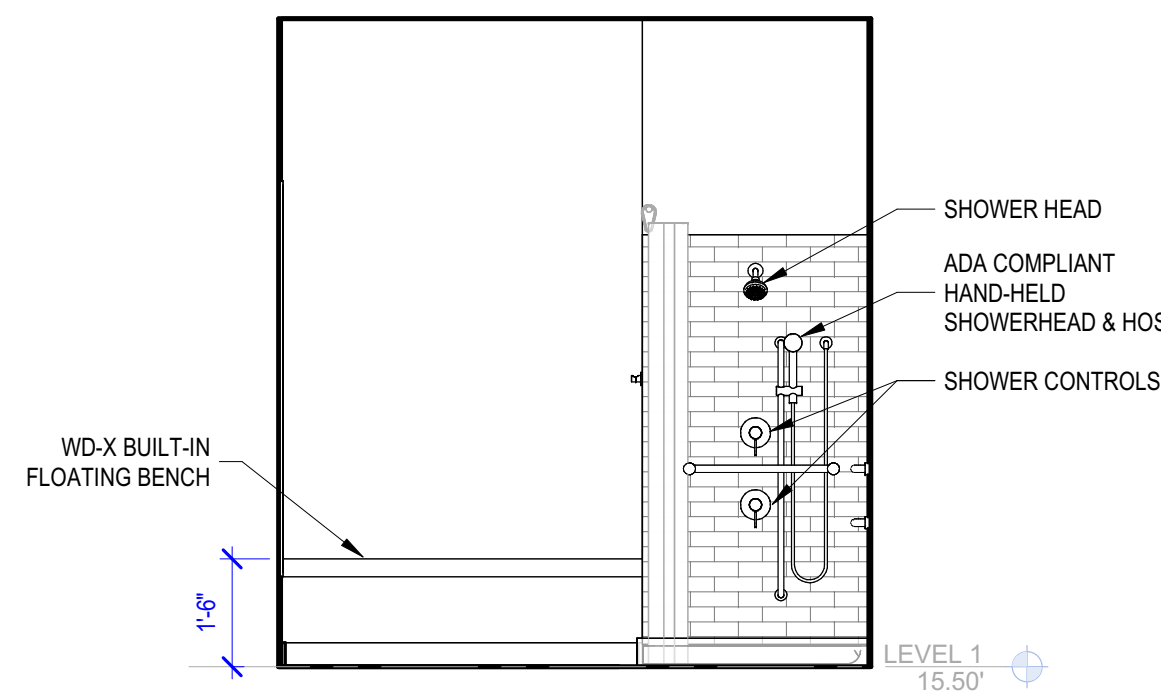
D1 108 SHOWER-WEST
3/8" = 1'-0"



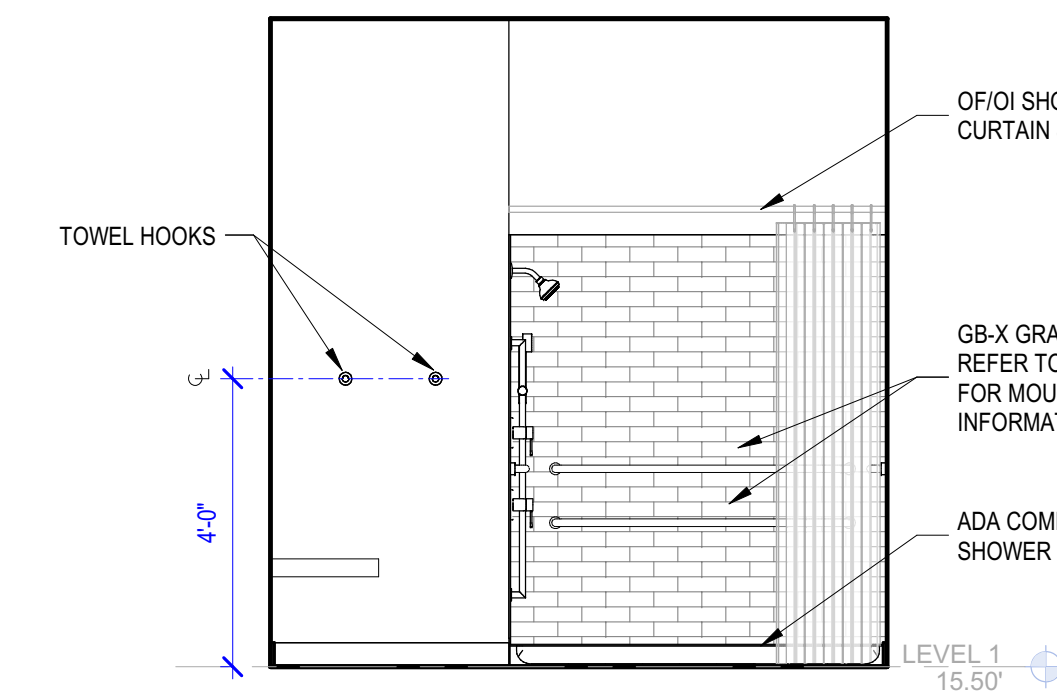
D2 108 SHOWER-NORTH
3/8" = 1'-0"



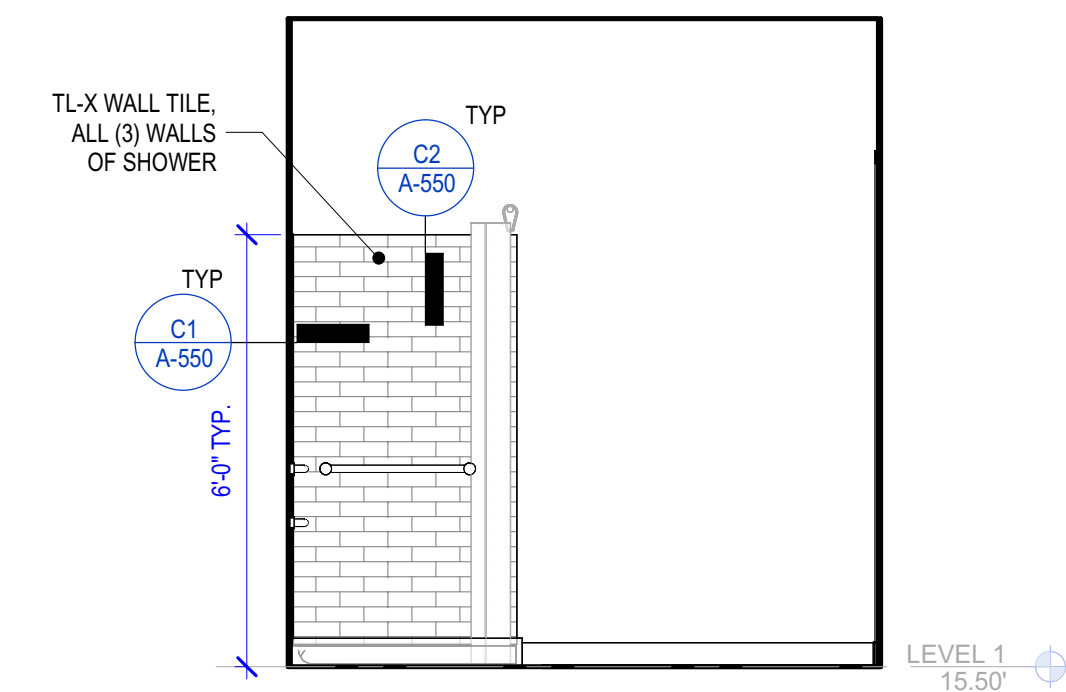
D3 108 SHOWER-EAST
3/8" = 1'-0"



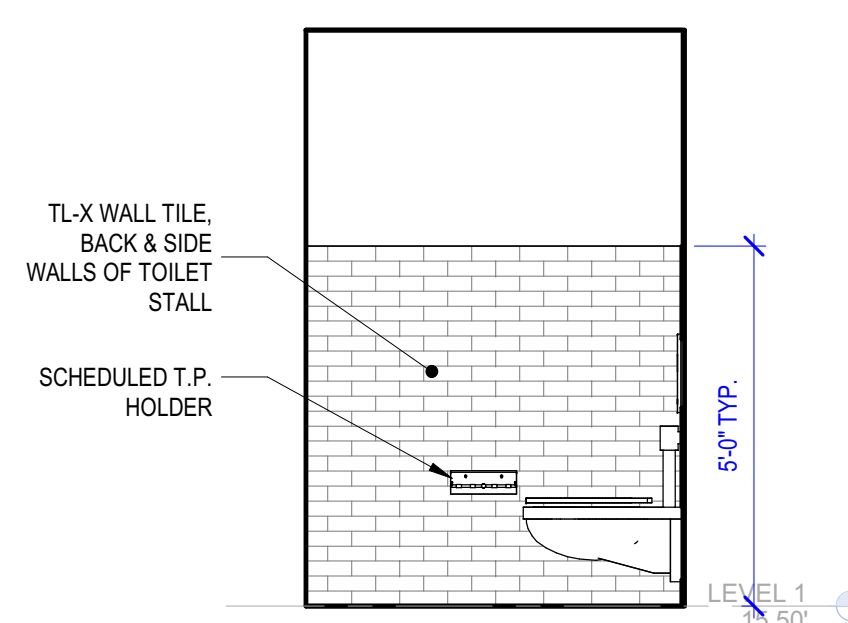
D4 107 SHOWER-SOUTH
3/8" = 1'-0"



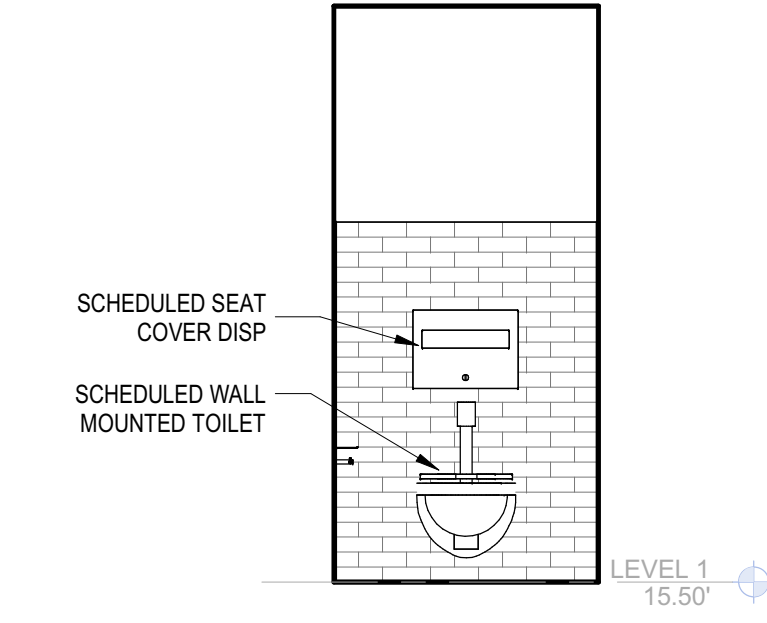
D5 107 SHOWER-WEST
3/8" = 1'-0"



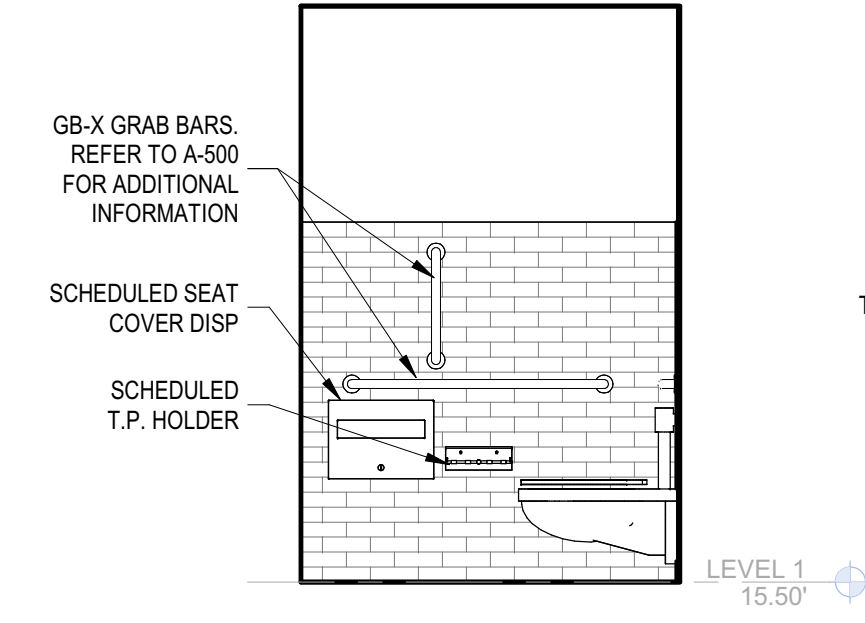
D6 107 SHOWER-NORTH
3/8" = 1'-0"



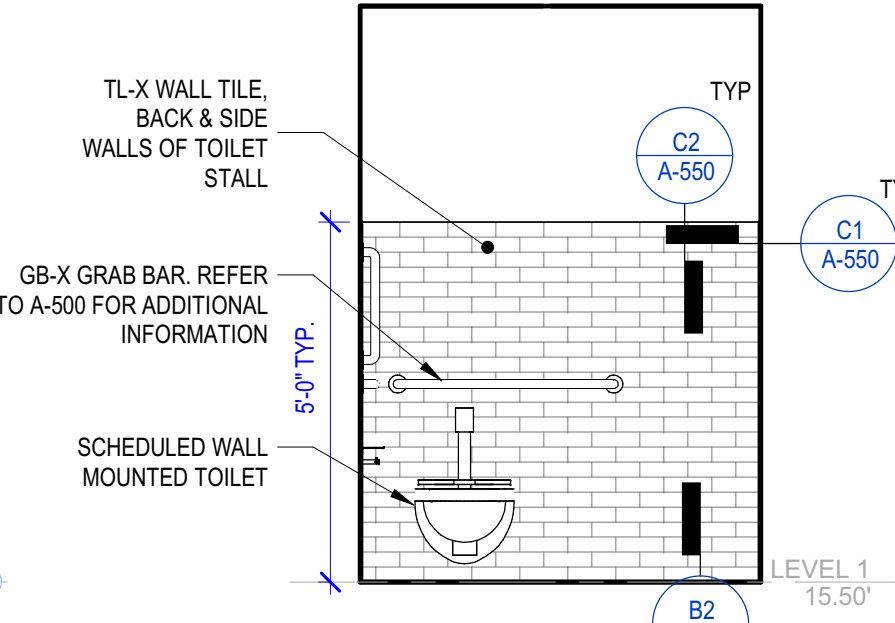
B1 106 RR STALL C-NORTH
3/8" = 1'-0"



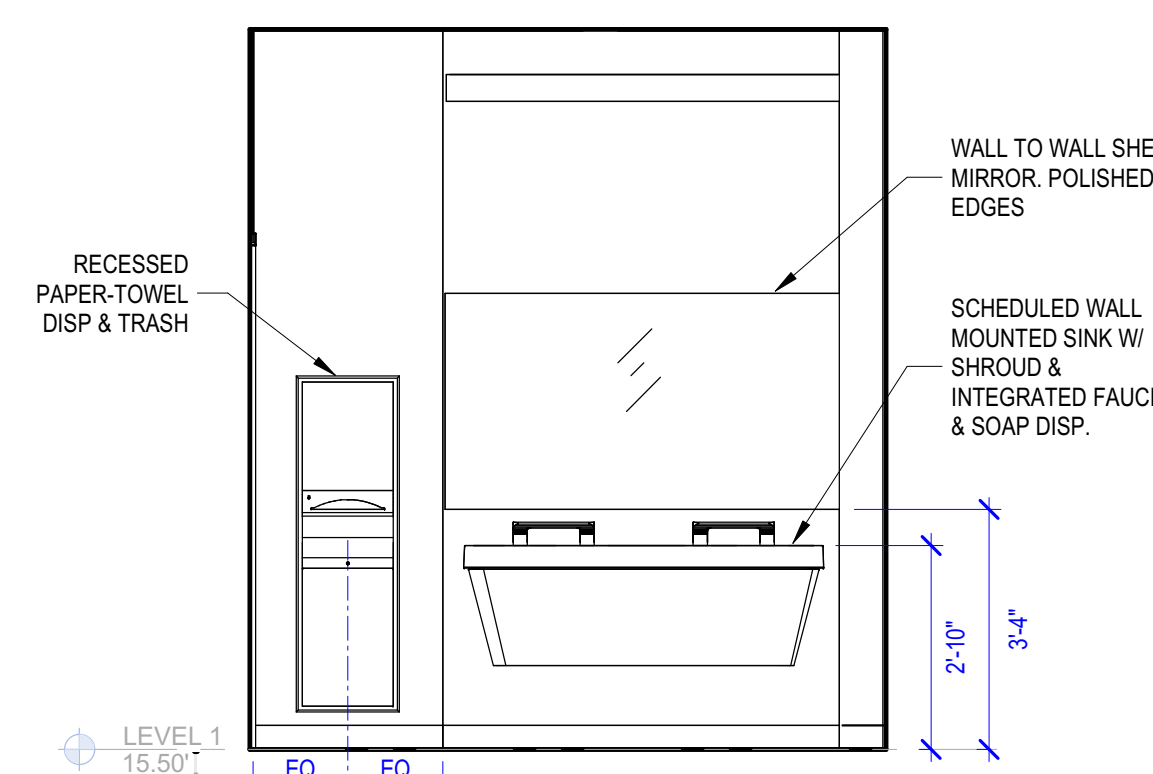
B2 106 RR STALL C-EAST
3/8" = 1'-0"



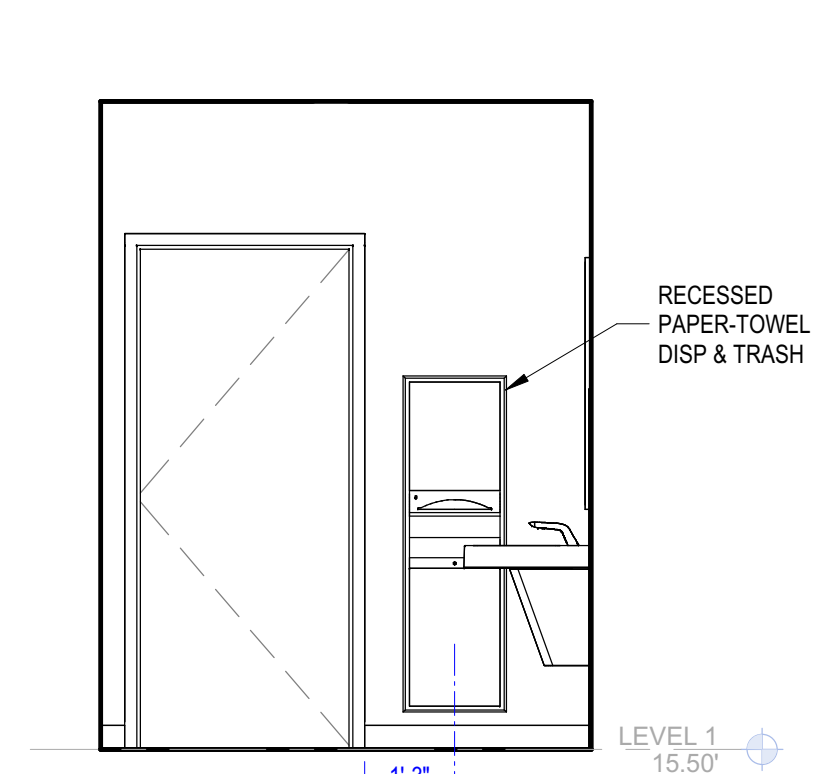
B3 106 RR STALL B-NORTH
3/8" = 1'-0"



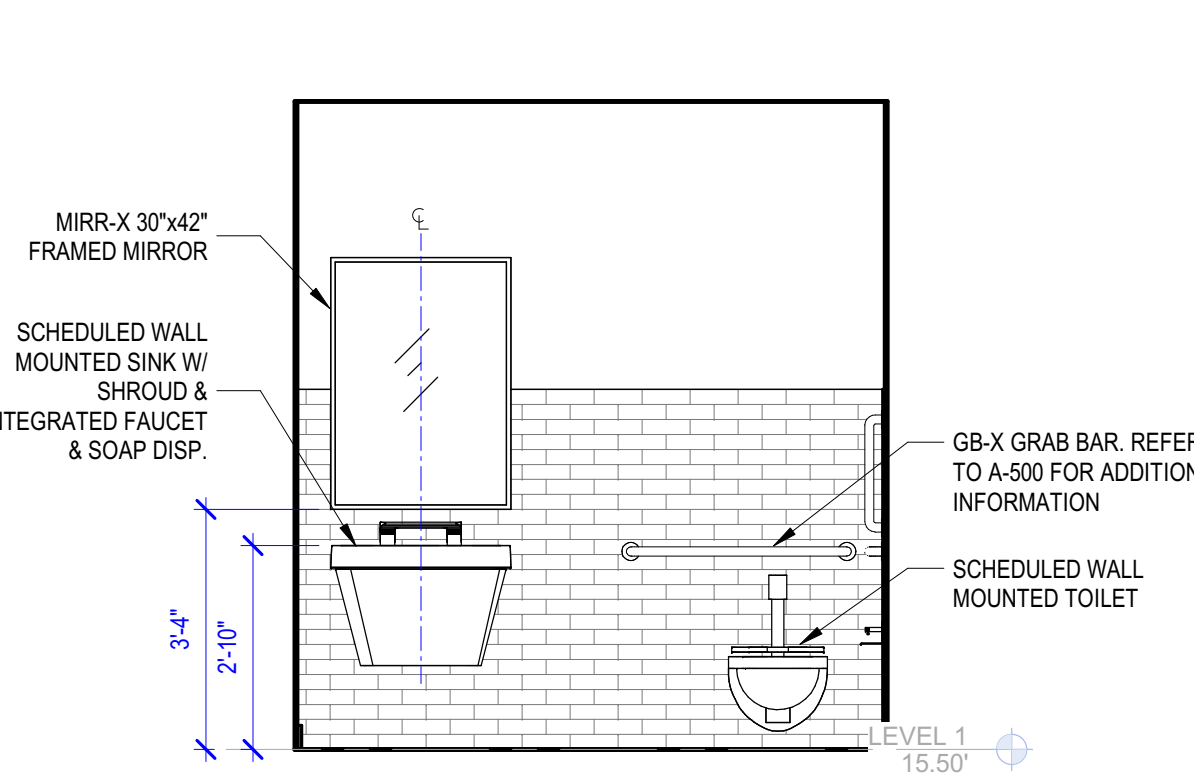
B4 106 RR STALL B-EAST
3/8" = 1'-0"



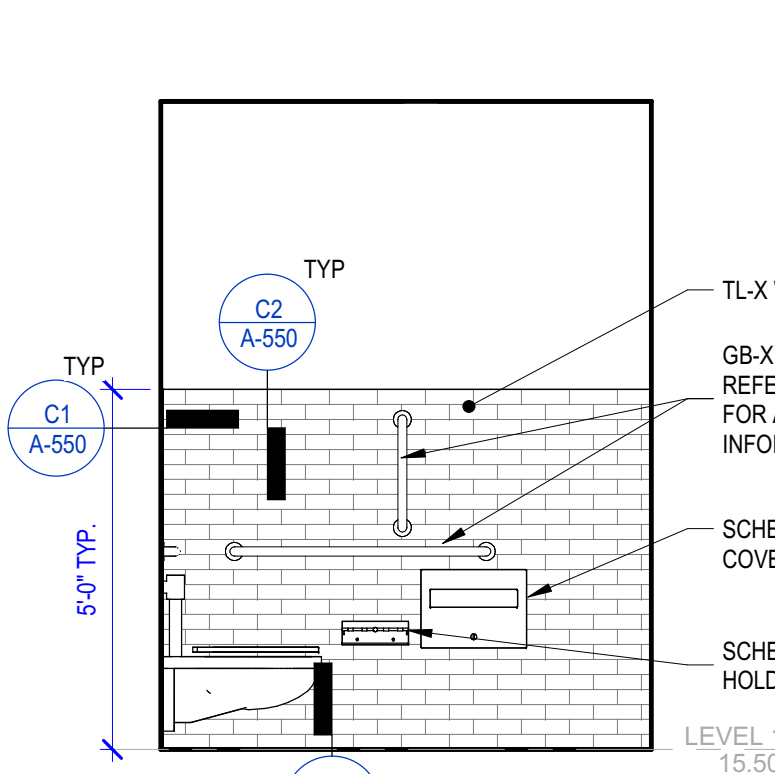
A1 106 RR-SINK WALL TYP.
3/8" = 1'-0"



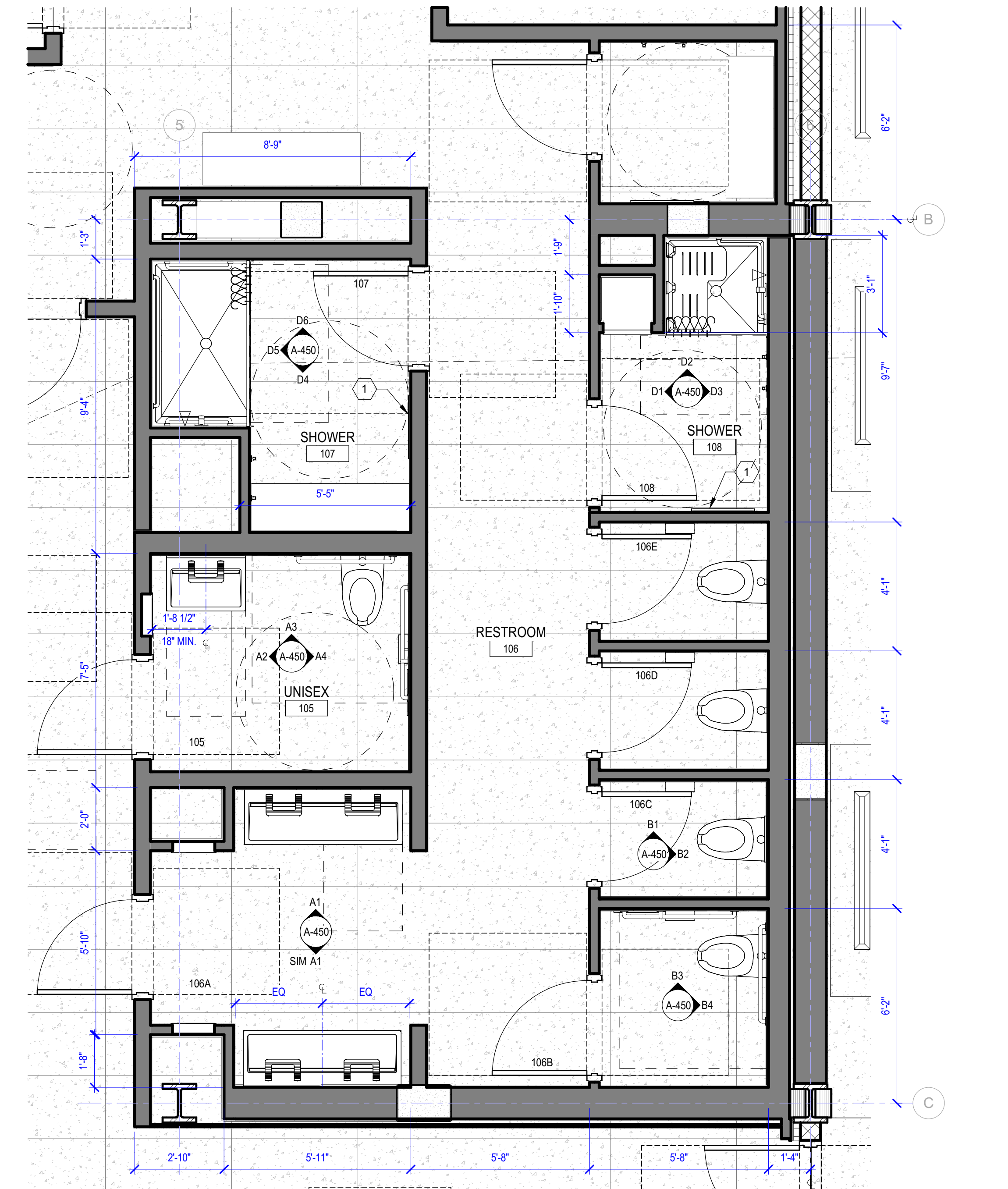
A2 105 UNISEX RR-WEST
3/8" = 1'-0"



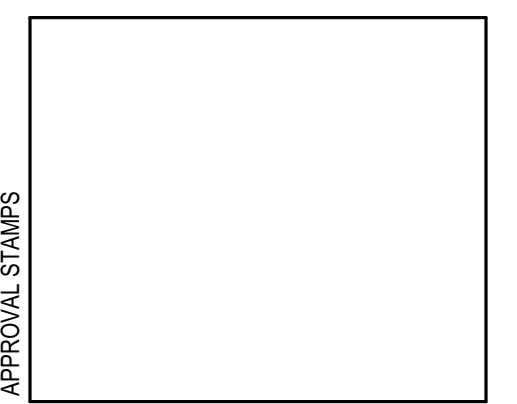
A3 105 UNISEX RR-NORTH
3/8" = 1'-0"



A4 105 UNISEX RR-EAST
3/8" = 1'-0"



A5 TYP. ENLARGED RESTROOM PLAN
3/8" = 1'-0"



MARK	DATE	DESCRIPTION
REVISIONS		

MARK	DATE	DESCRIPTION
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ISSUE INFORMATION

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

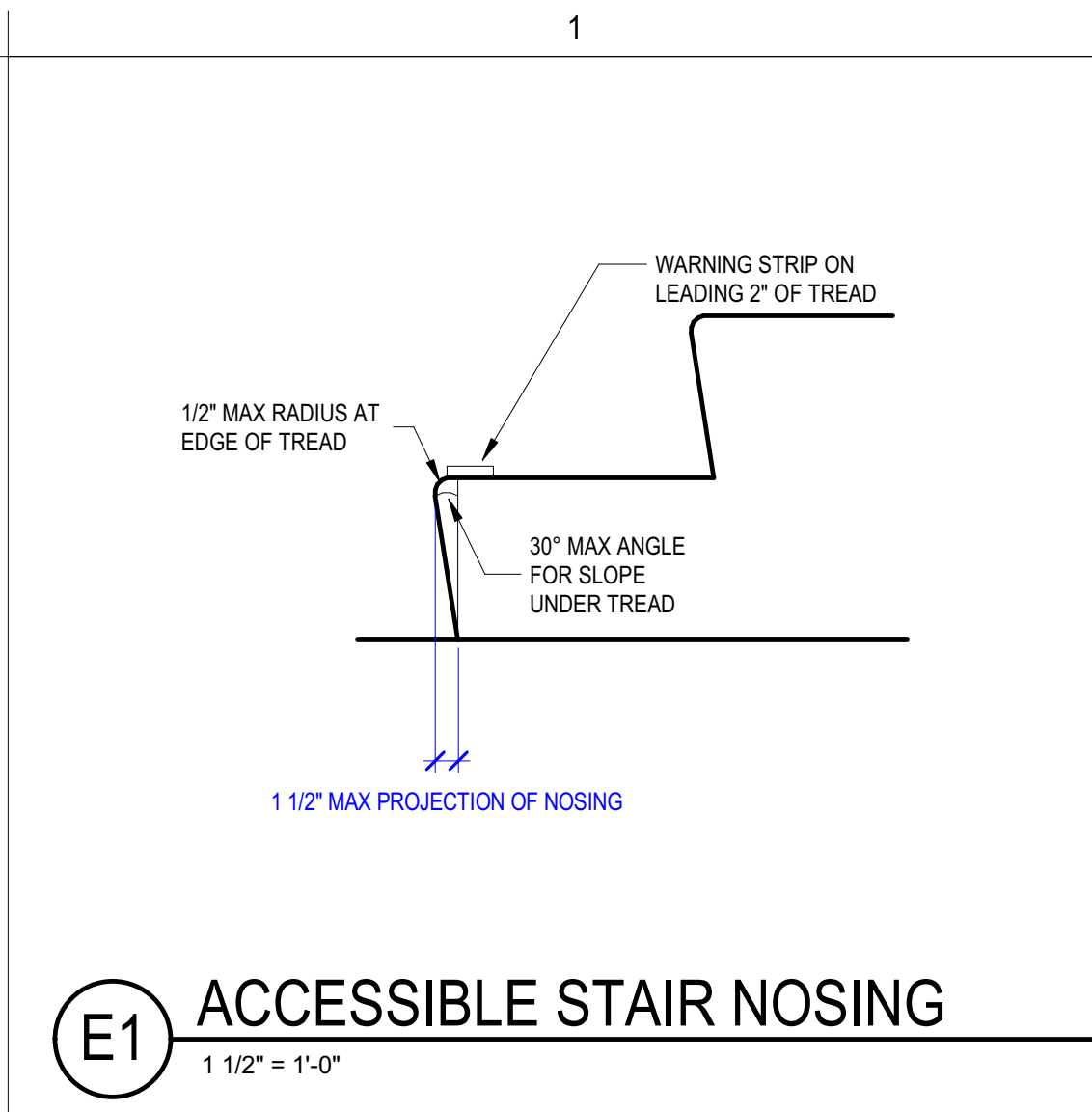
ENLARGED PLANS & INT ELEVATIONS - RESTROOMS

SHEET NO.

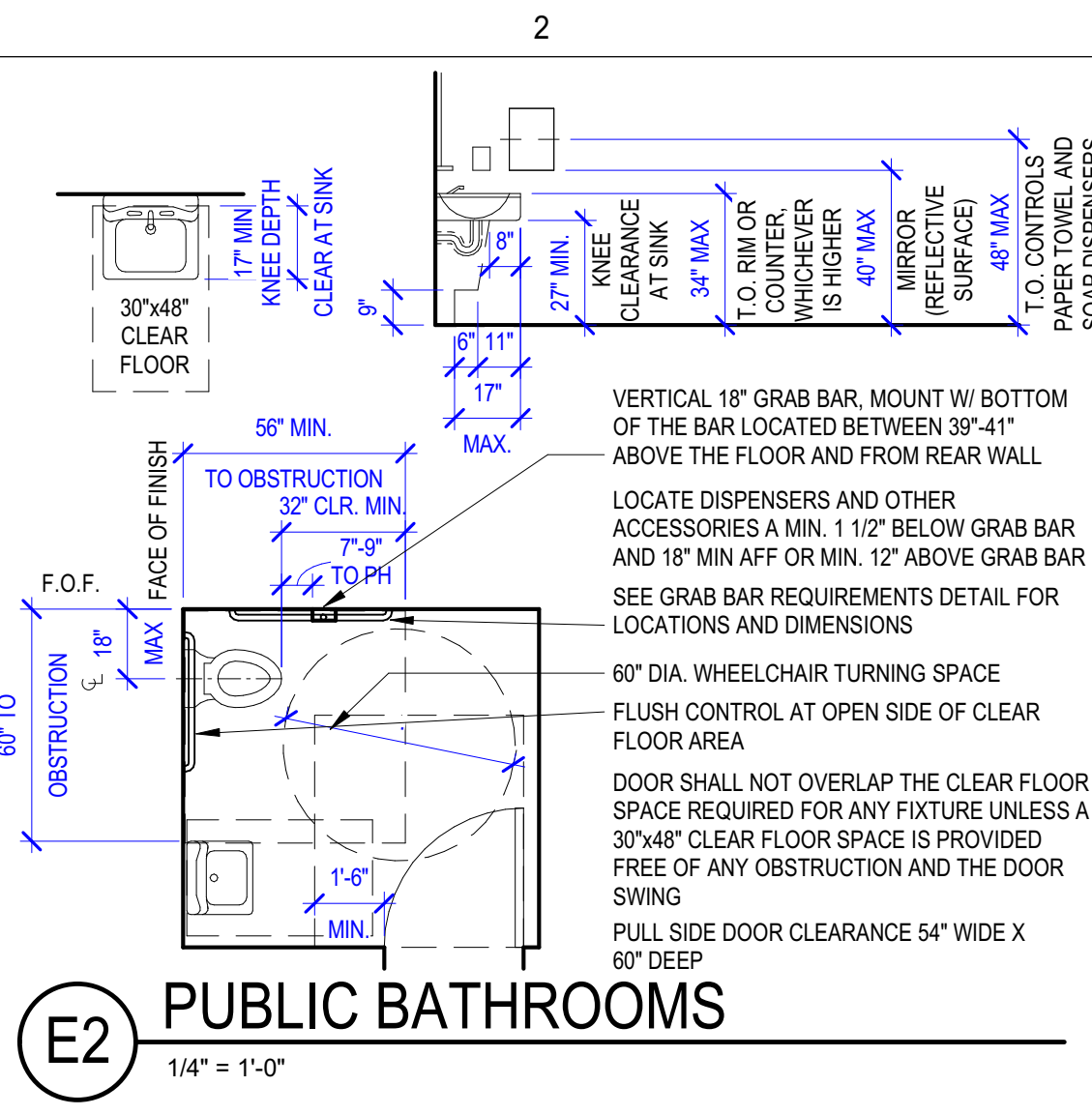
A-450

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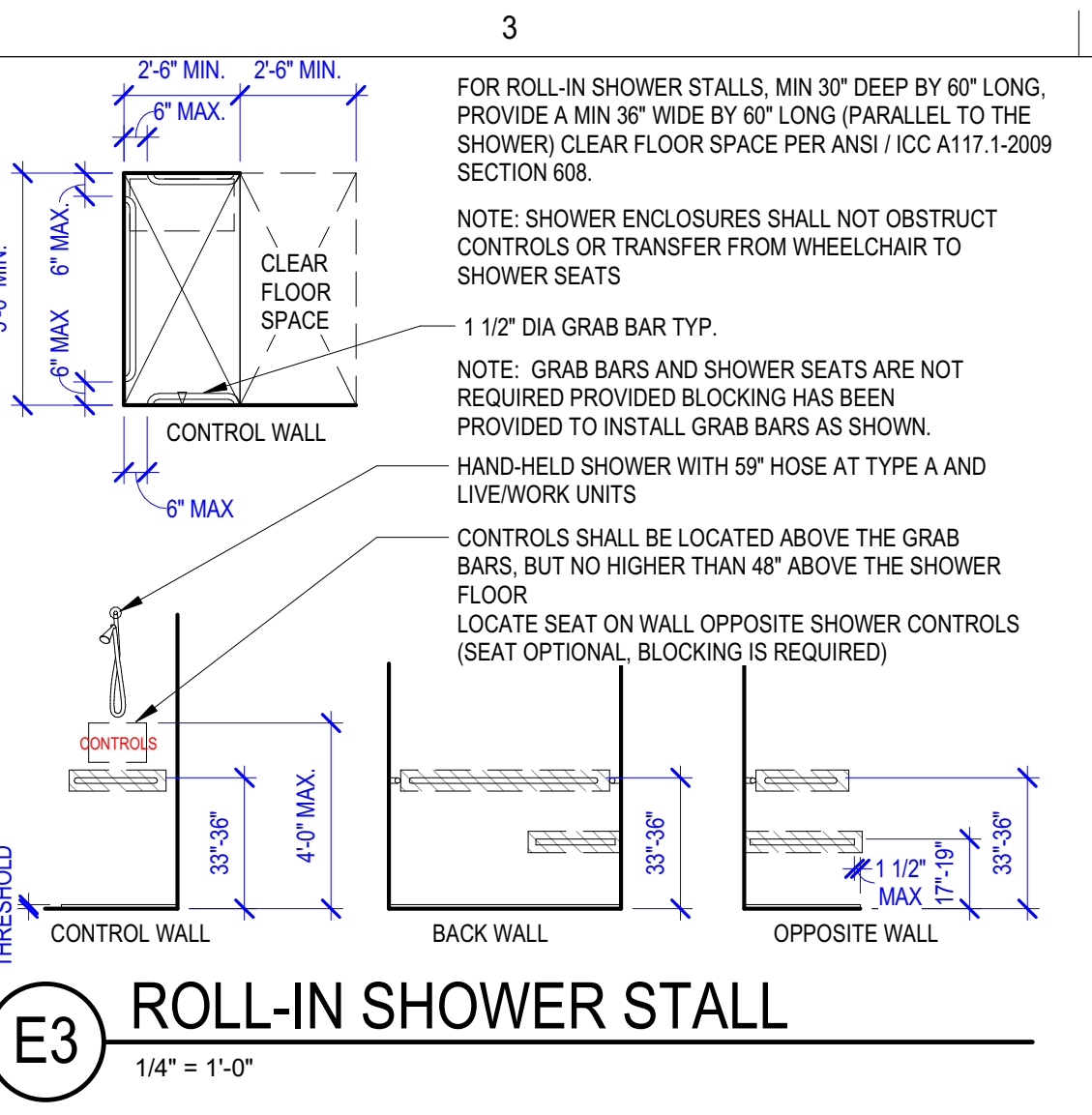
06.22.2023 - BUILDING PERMIT SET



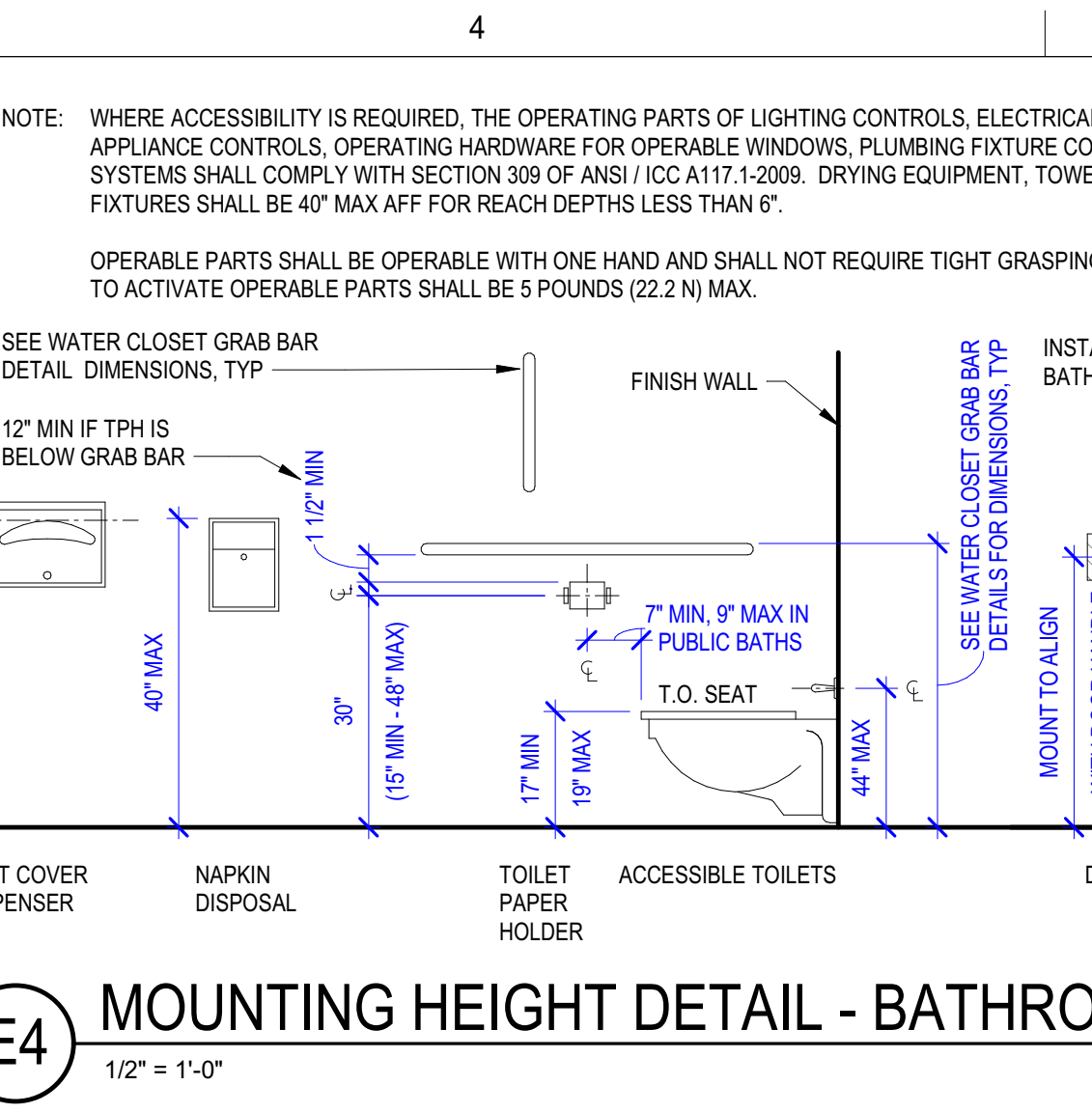
E1 ACCESSIBLE STAIR NOSING
1 1/2" = 1'-0"



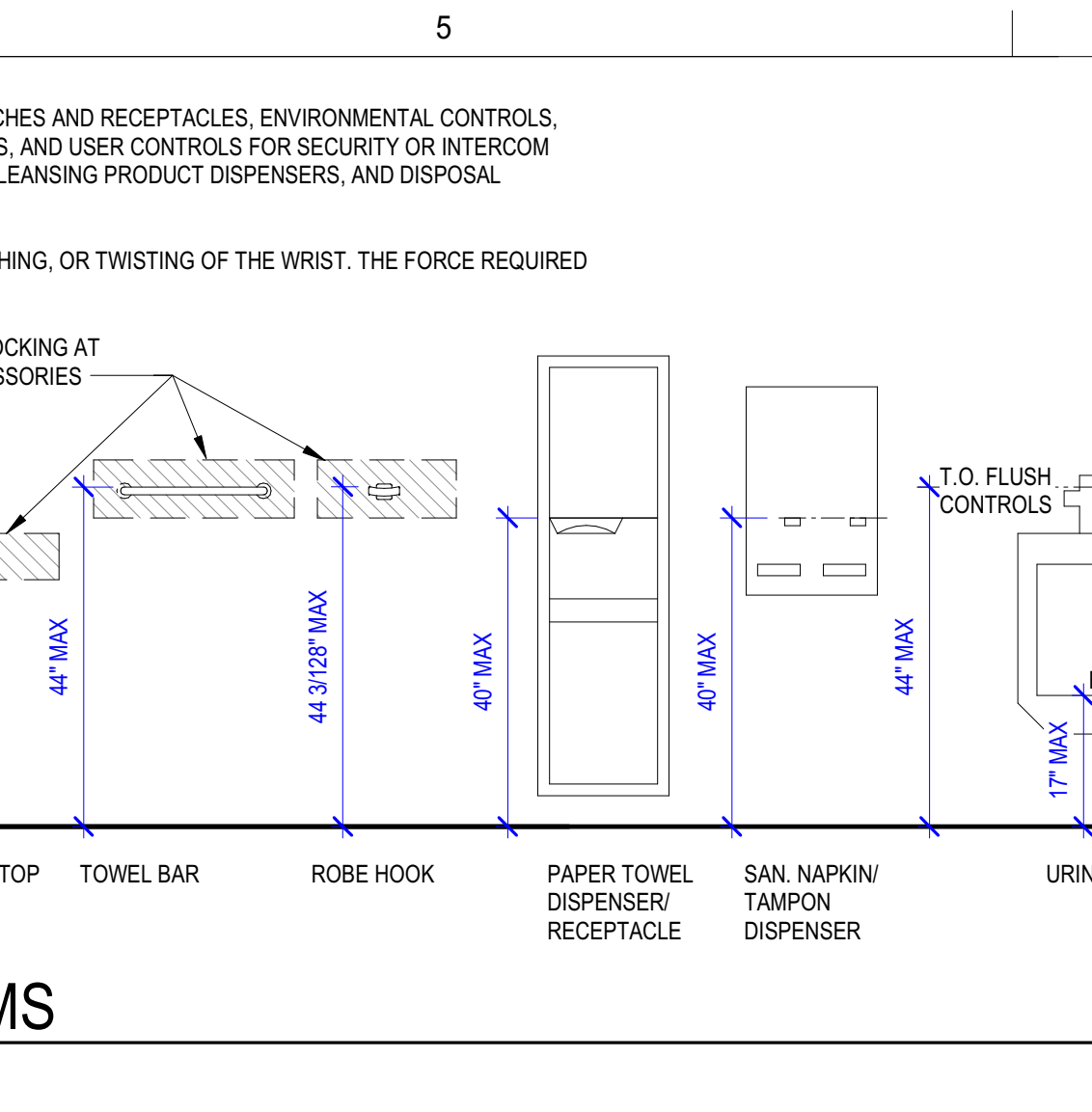
E2 PUBLIC BATHROOMS
1/4" = 1'-0"



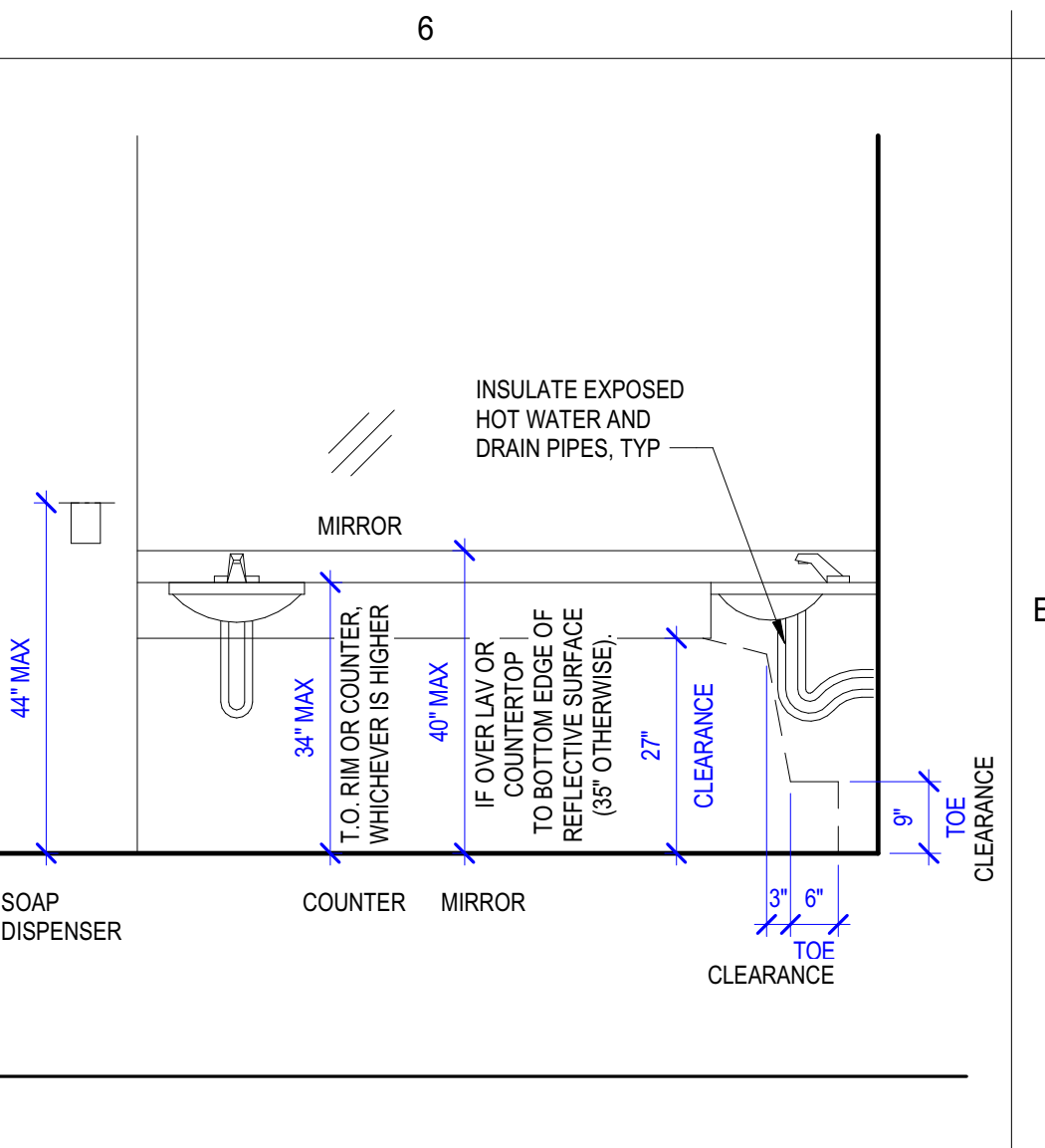
E3 ROLL-IN SHOWER STALL
1/4" = 1'-0"



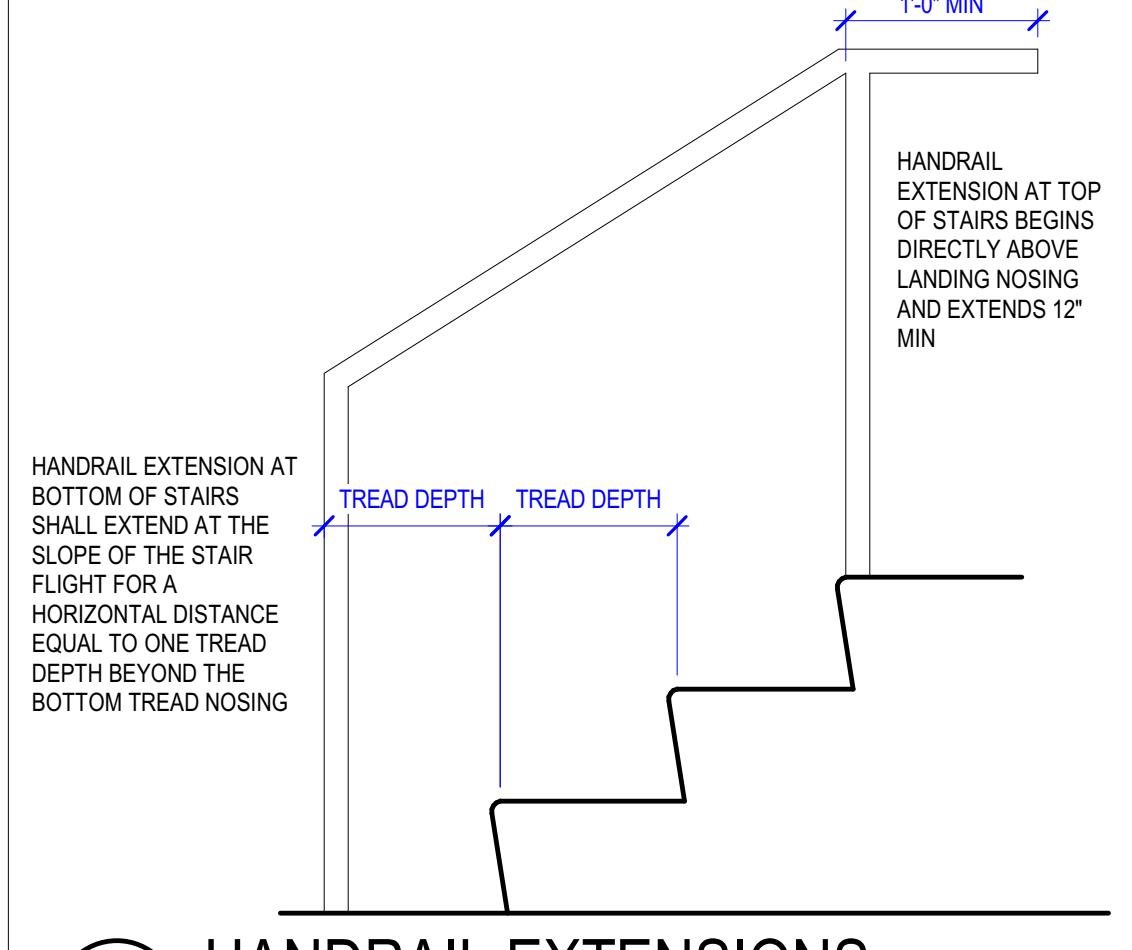
E4 MOUNTING HEIGHT DETAIL - BATHROOMS
1/2" = 1'-0"



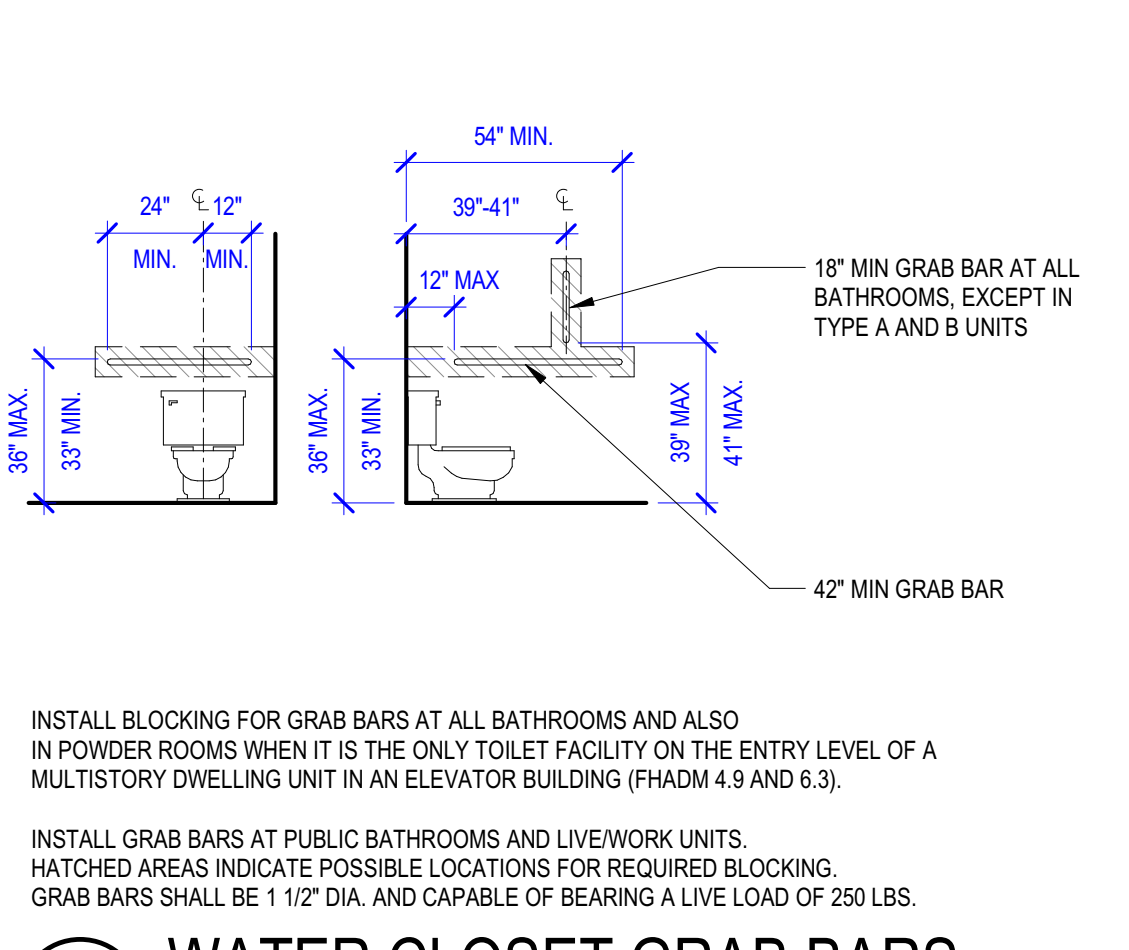
E4 MOUNTING HEIGHT DETAIL - GENERAL
1/2" = 1'-0"



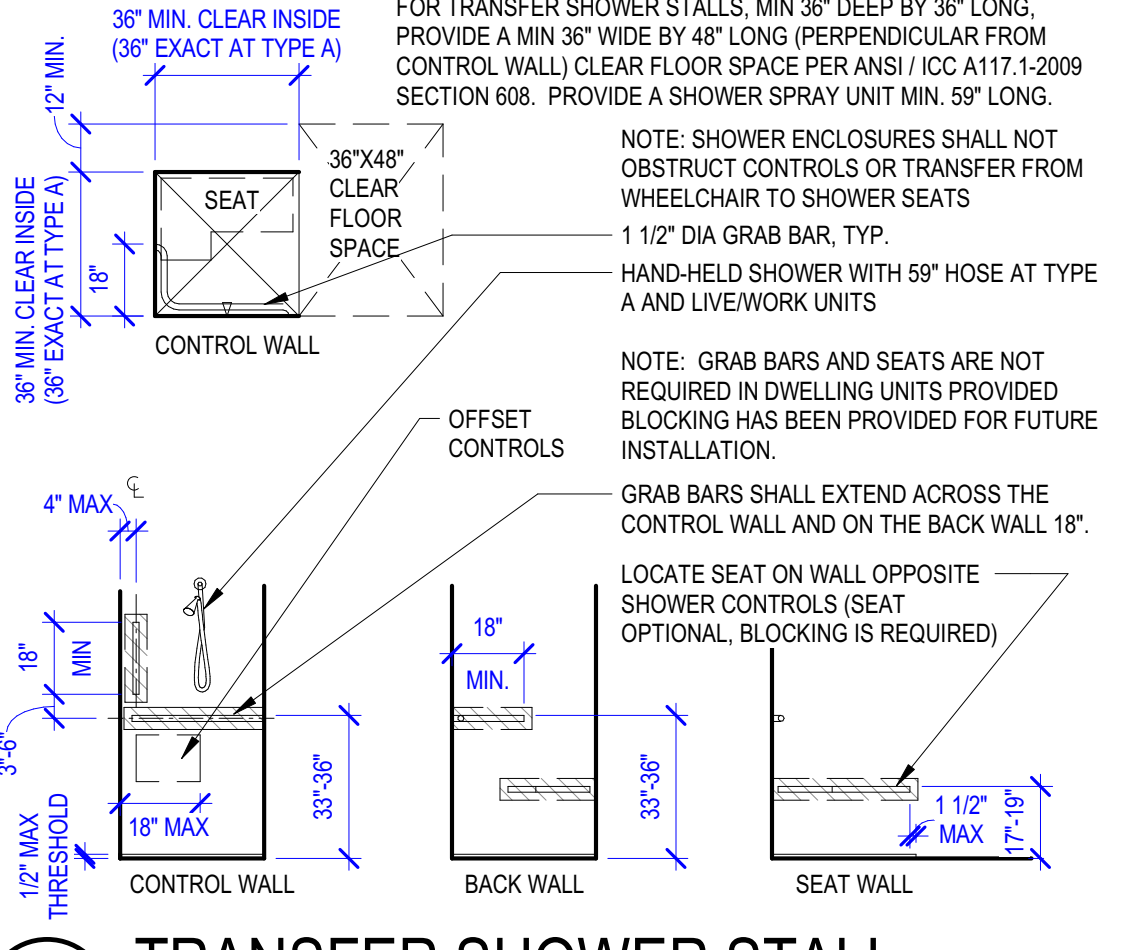
E6 BARRIER FREE PARKING SIGN
3/4" = 1'-0"



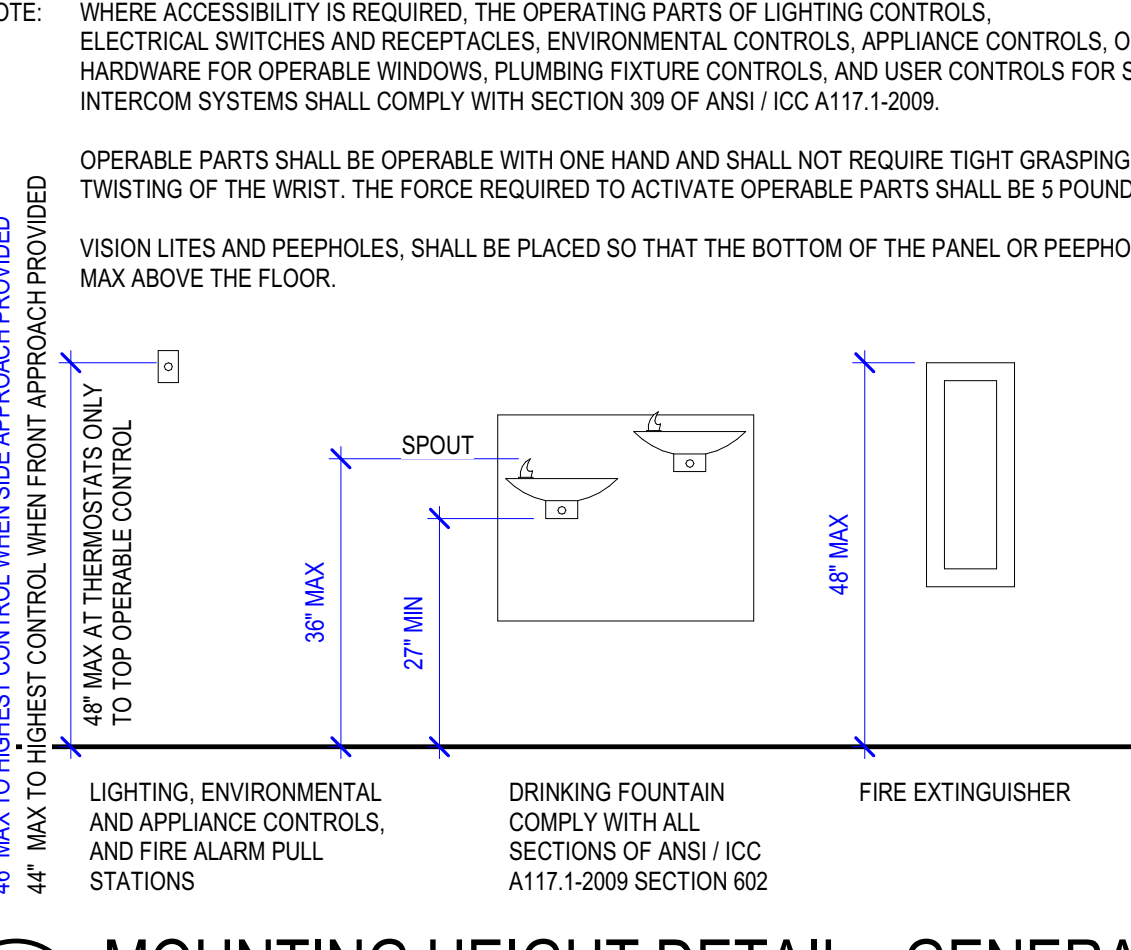
D1 HANDRAIL EXTENSIONS
1" = 1'-0"



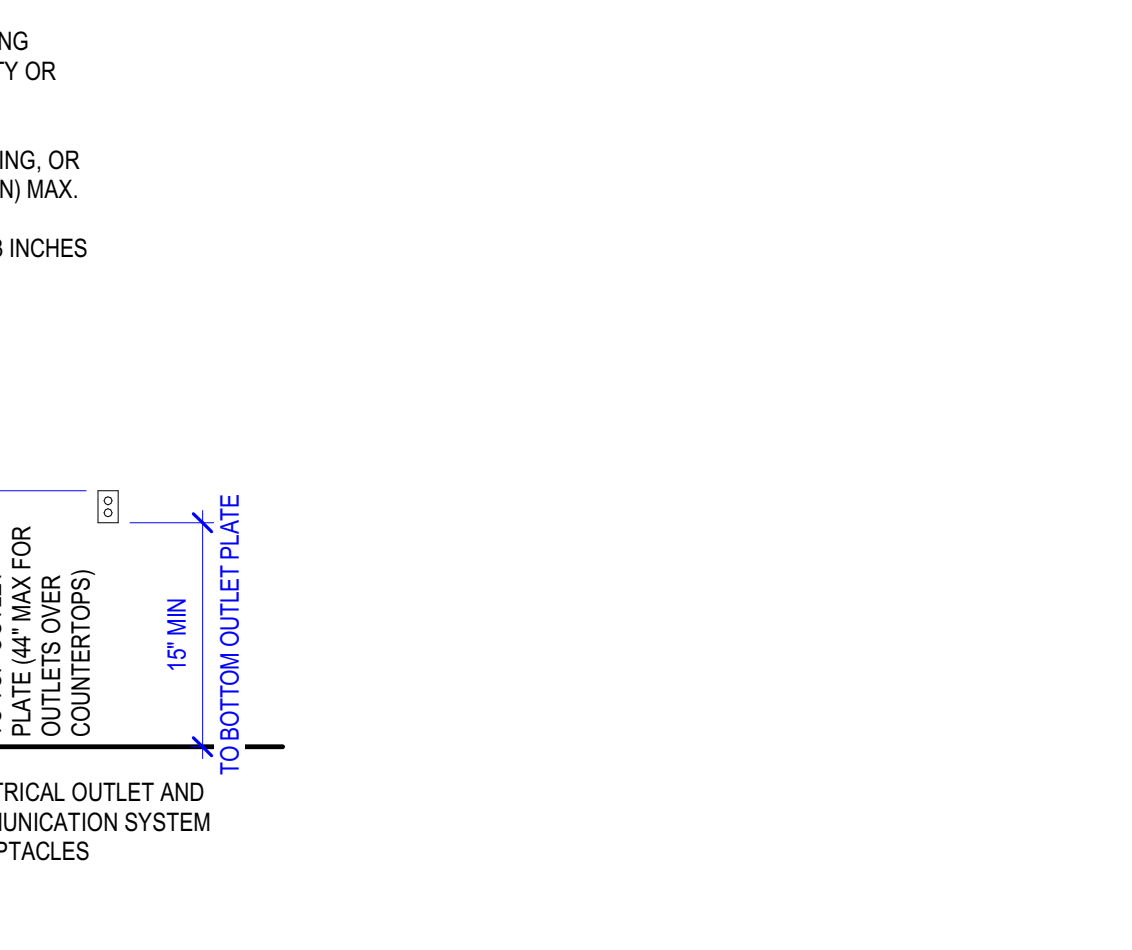
D2 WATER CLOSET GRAB BARS
1/4" = 1'-0"



D3 TRANSFER SHOWER STALL
1/4" = 1'-0"



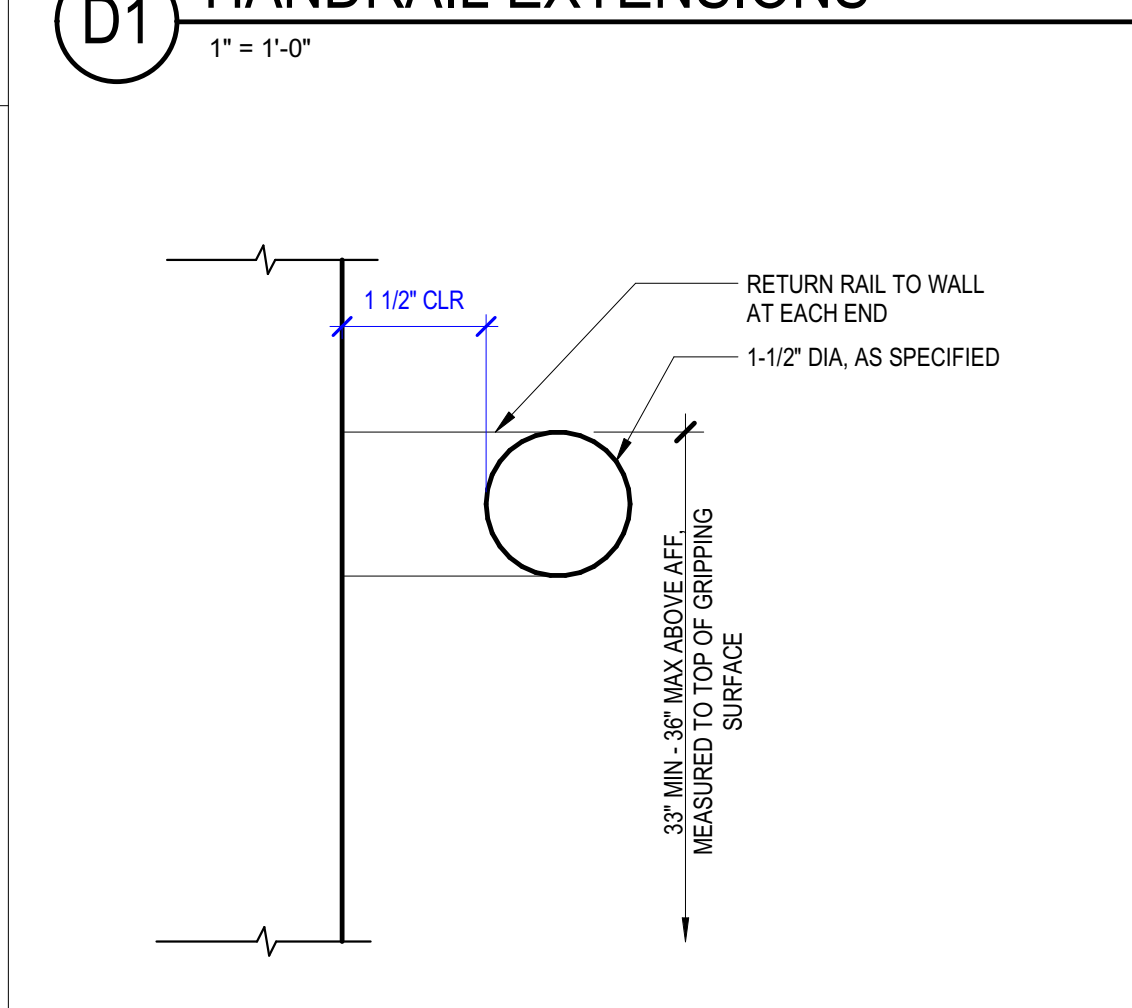
D4 MOUNTING HEIGHT DETAIL - GENERAL
1/2" = 1'-0"



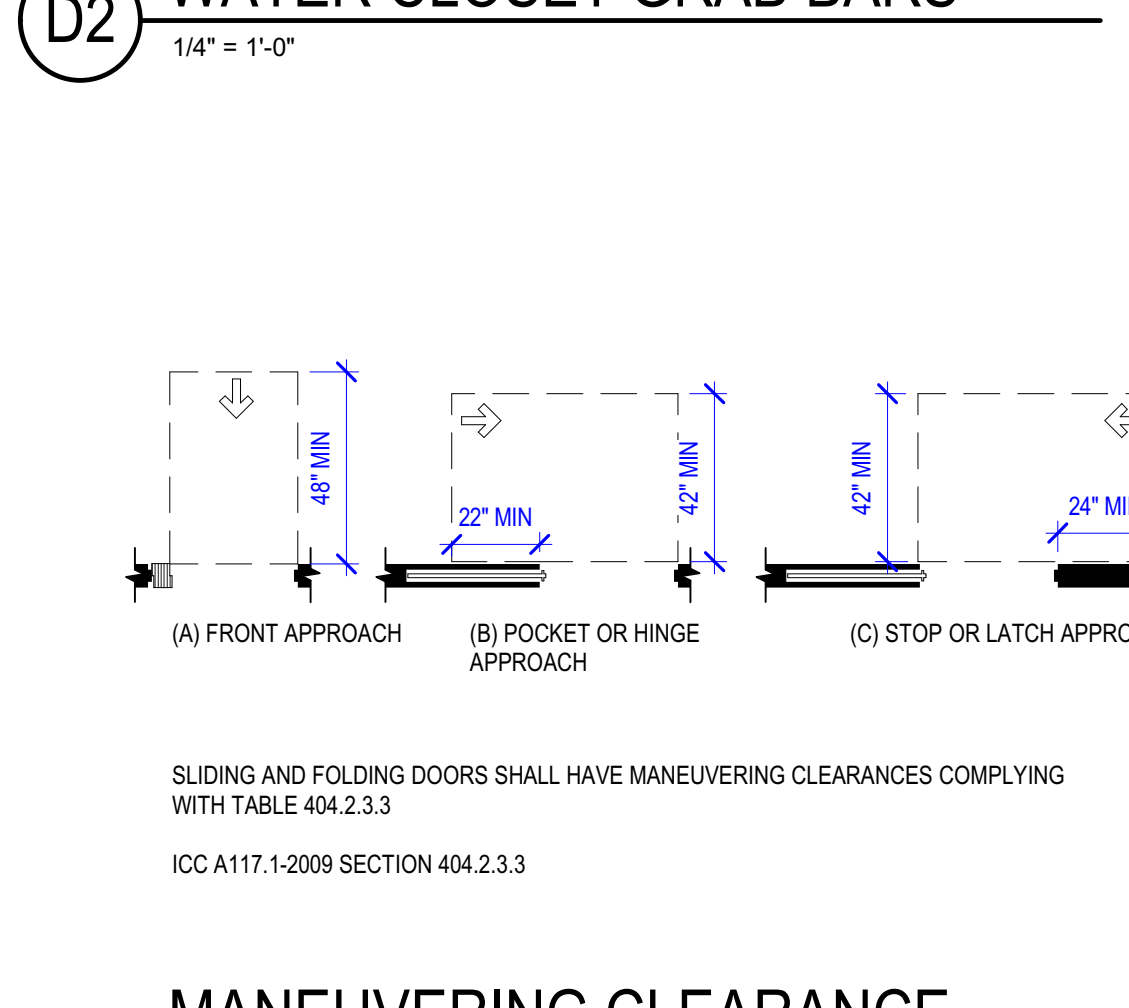
C4 BARRIER FREE PARKING STALL
1/4" = 1'-0"



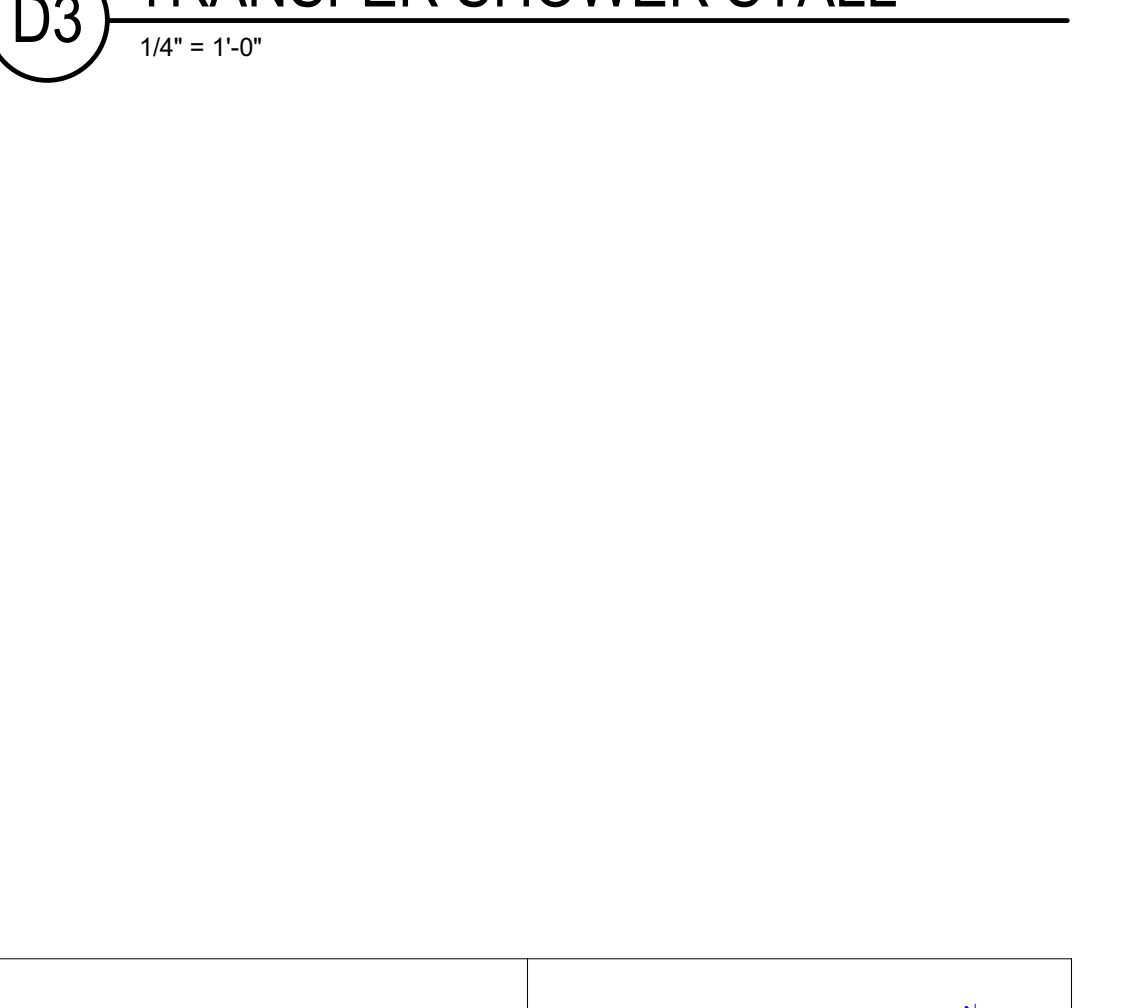
C6 BARRIER FREE PARKING SIGN
3/4" = 1'-0"



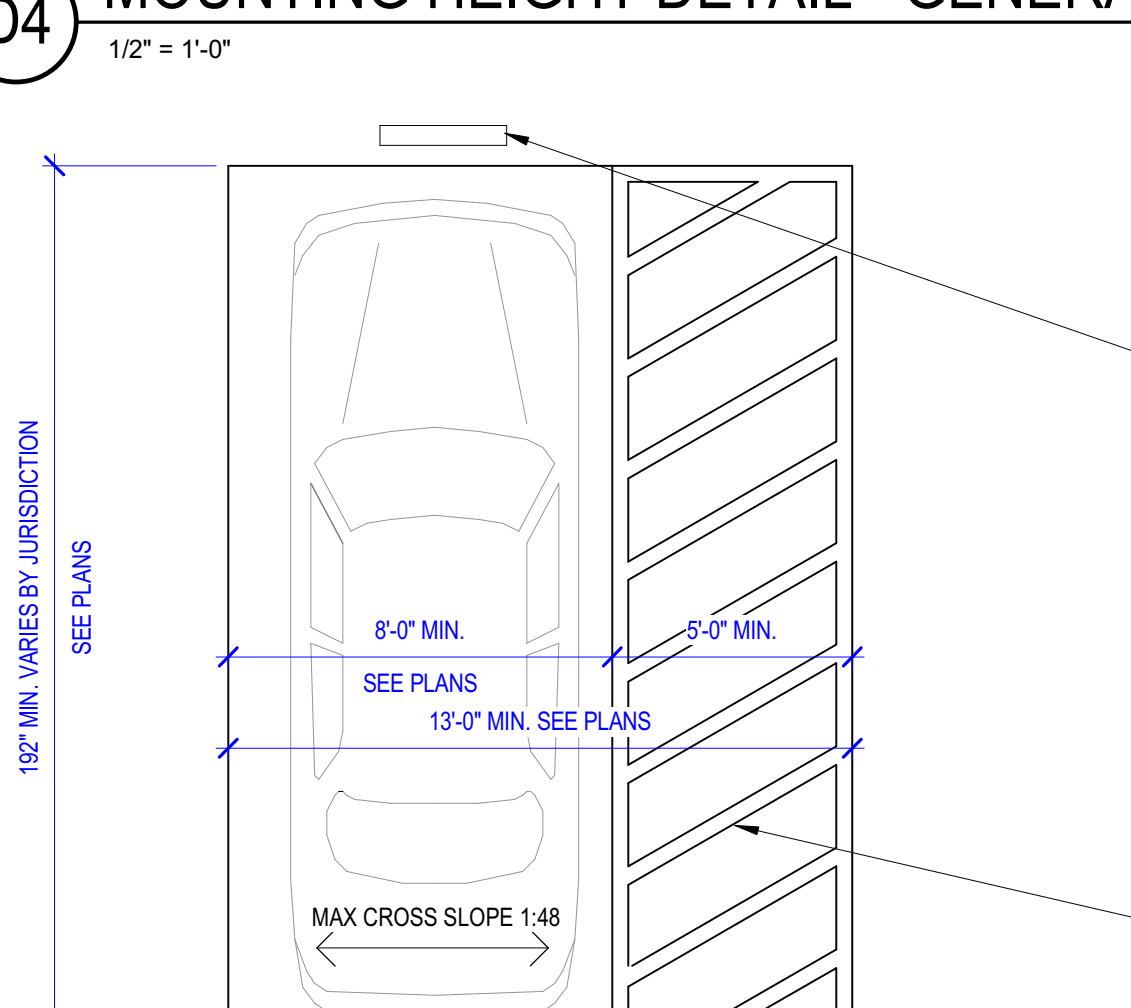
C1 GRAB BAR SIZE & POSITION
6" = 1'-0"



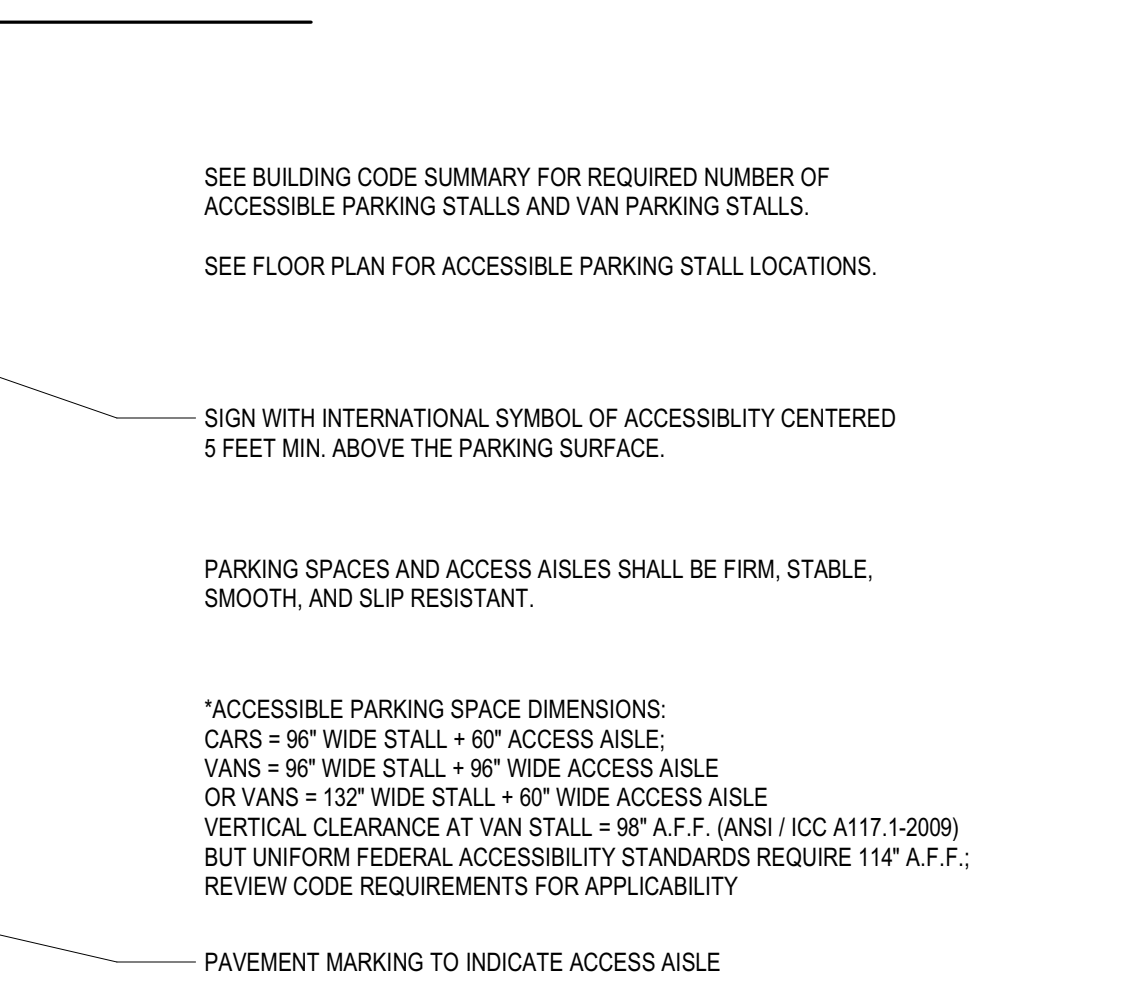
C2 MANEUVERING CLEARANCE AT SLIDING & FOLDING DOORS
1/4" = 1'-0"



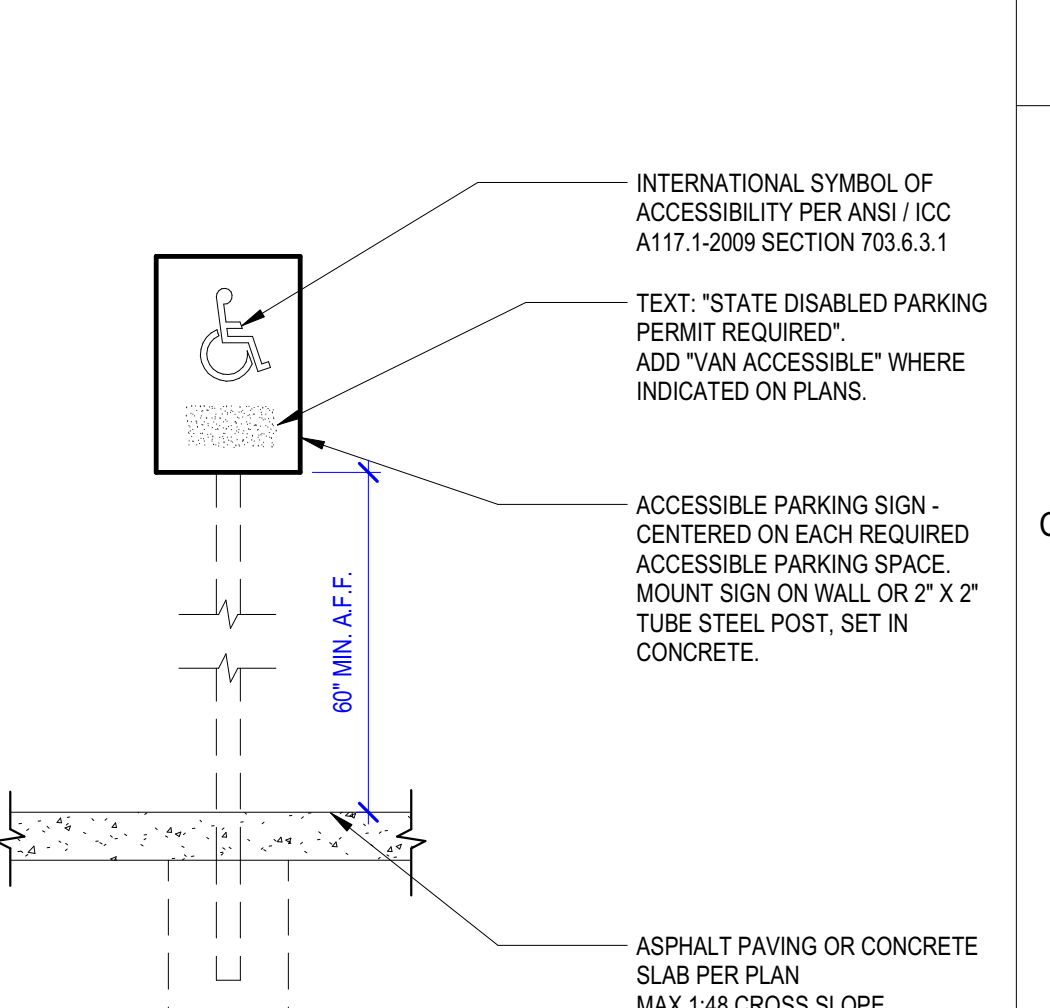
C3 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS
1/4" = 1'-0"



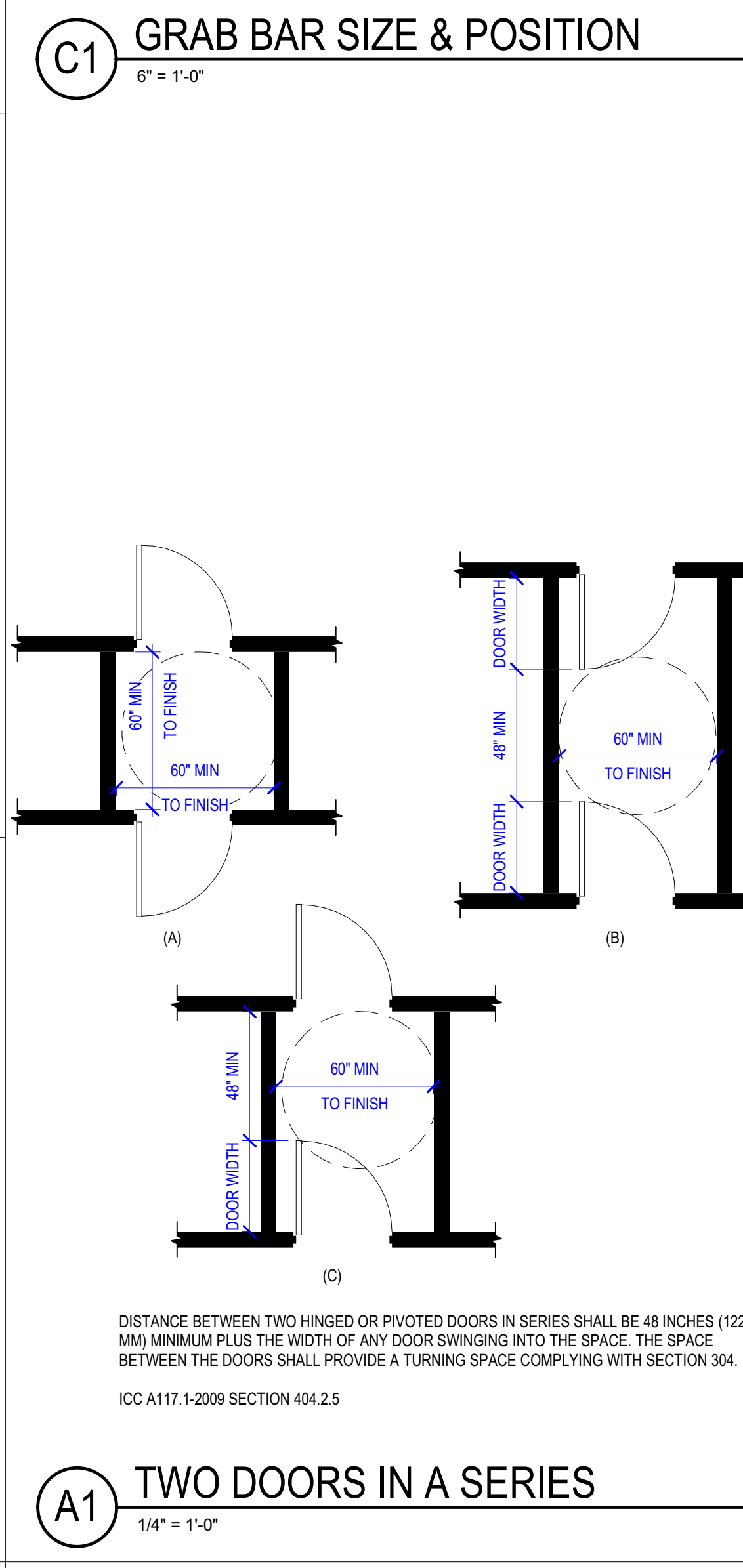
A4 CLEAR WIDTH OF DOORWAYS
1/4" = 1'-0"



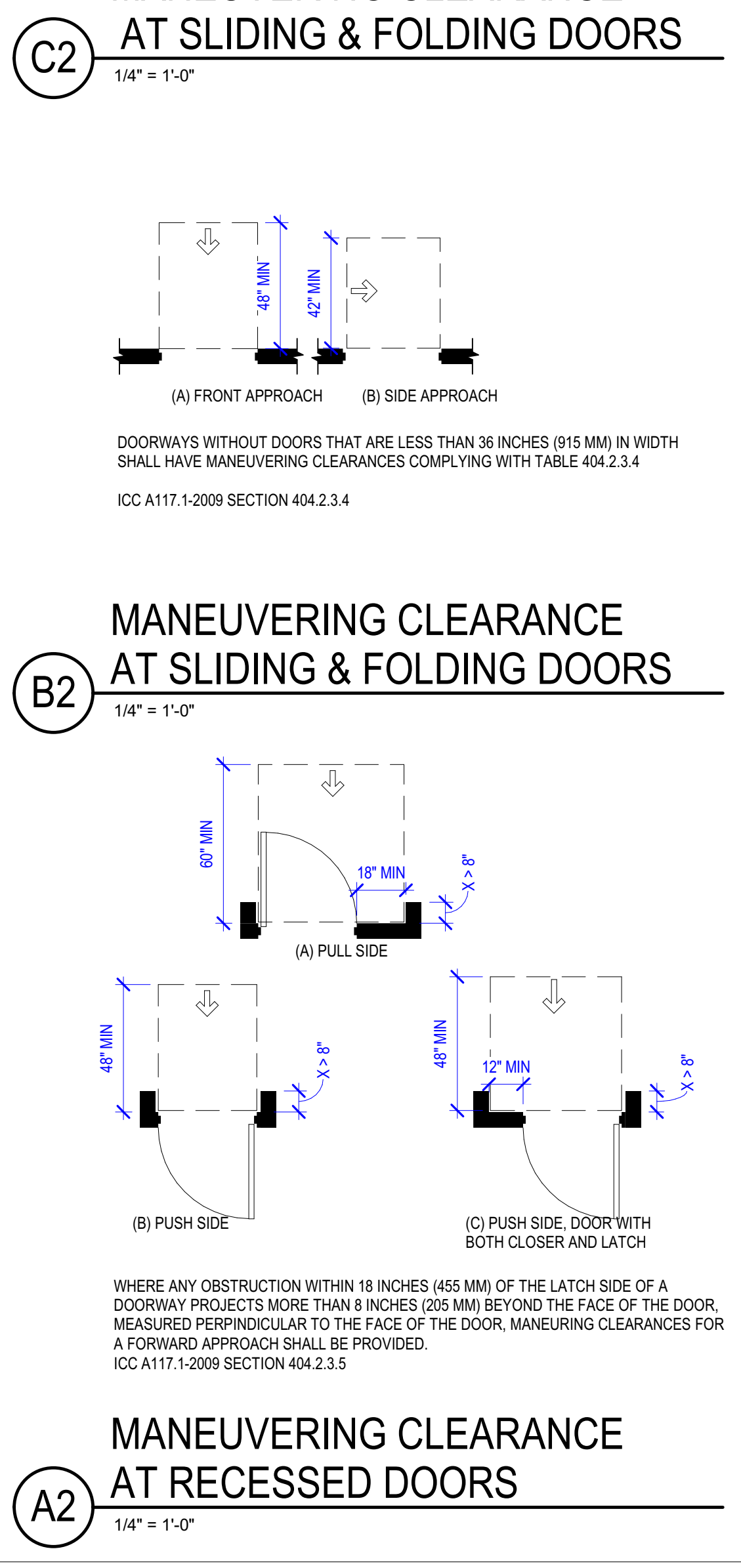
A5 TURNING SPACES
1/2" = 1'-0"



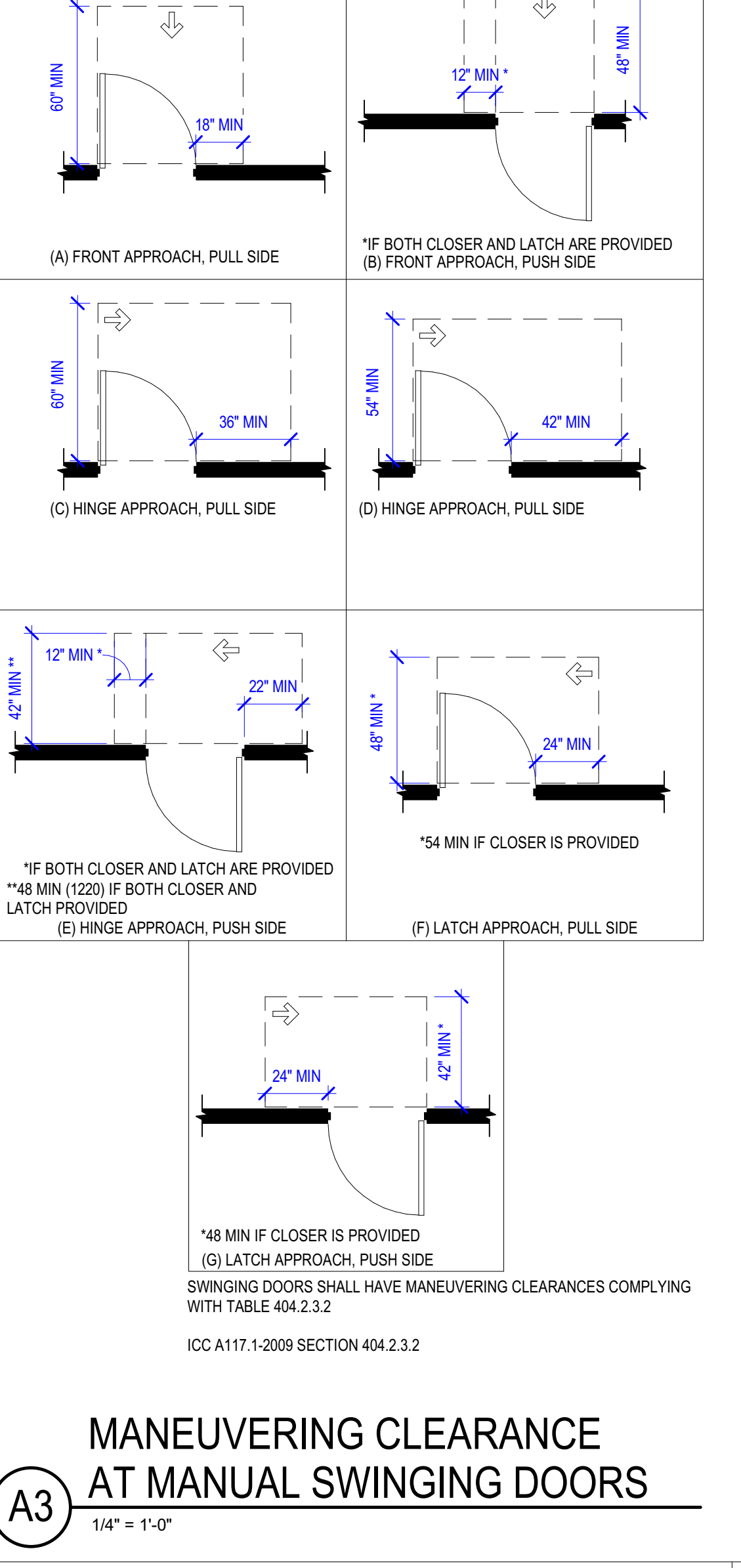
A6 ACCESSIBLE ROUTE
1/4" = 1'-0"



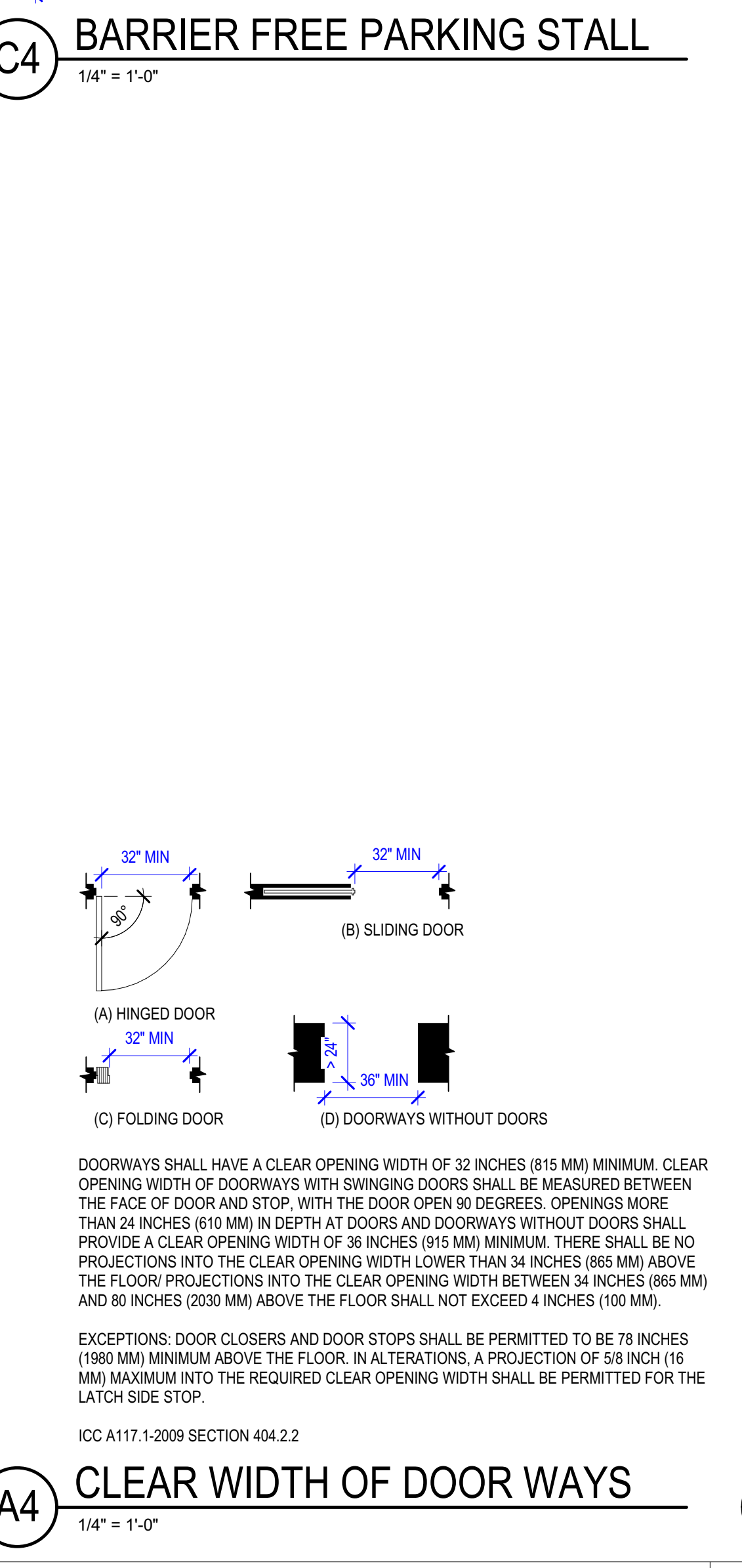
A1 TWO DOORS IN A SERIES
1/4" = 1'-0"



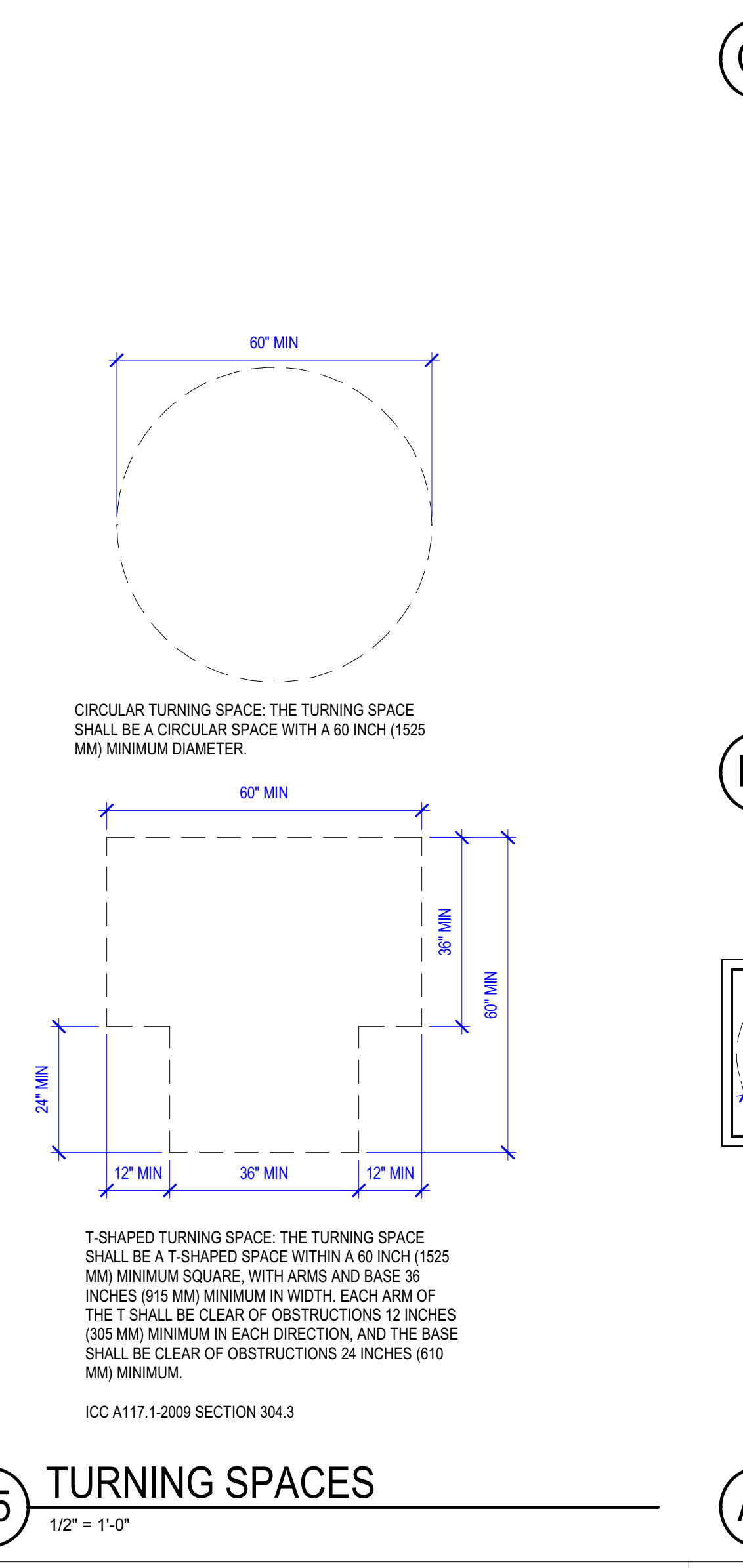
A2 MANEUVERING CLEARANCE AT RECESSED DOORS
1/4" = 1'-0"



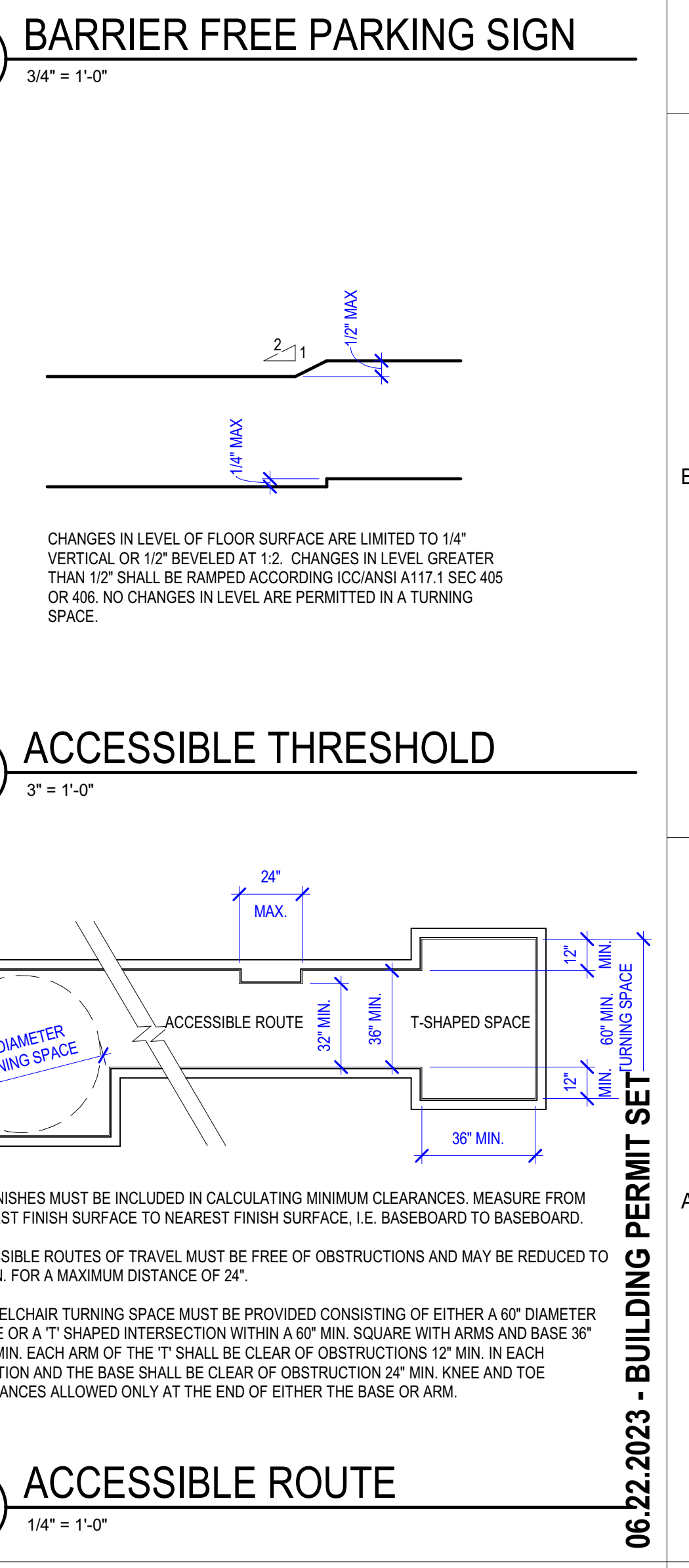
A3 MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS
1/4" = 1'-0"



A4 CLEAR WIDTH OF DOORWAYS
1/4" = 1'-0"



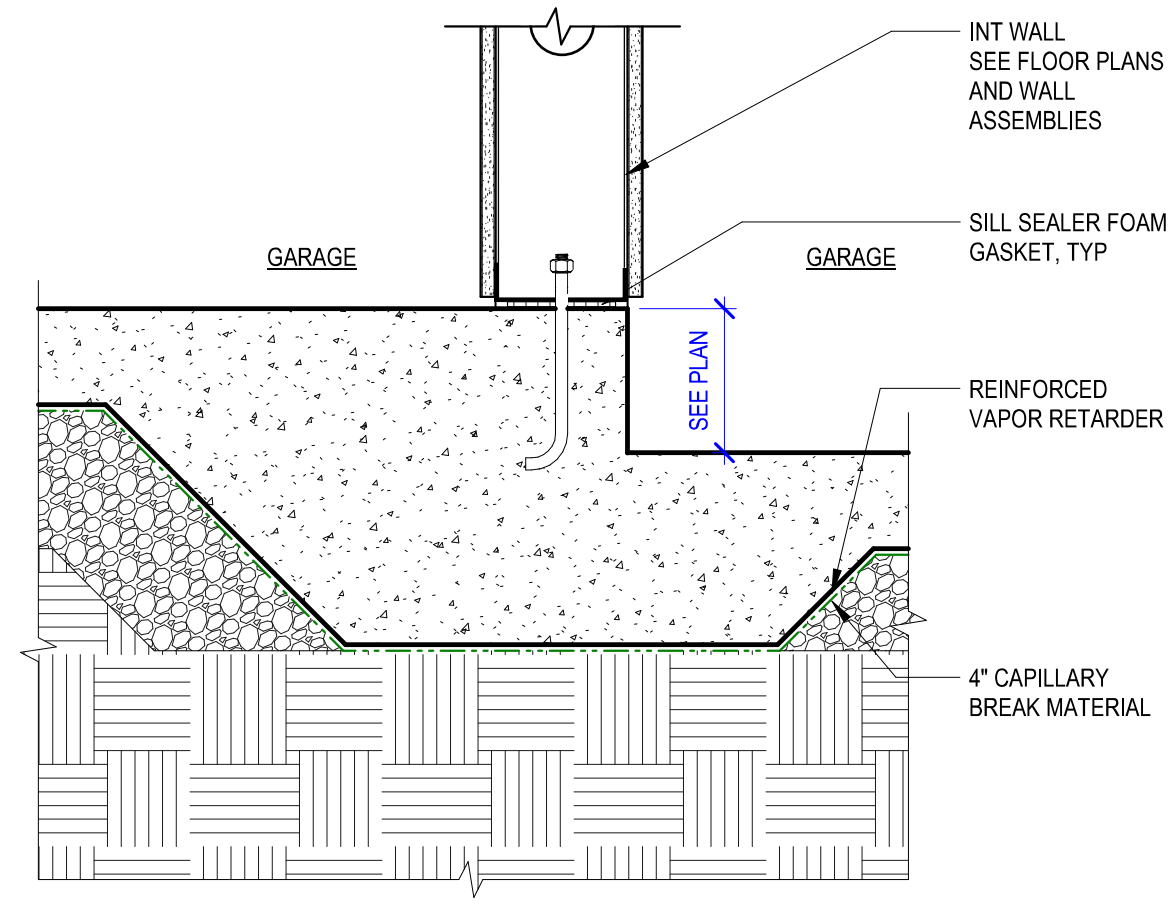
A5 TURNING SPACES
1/2" = 1'-0"



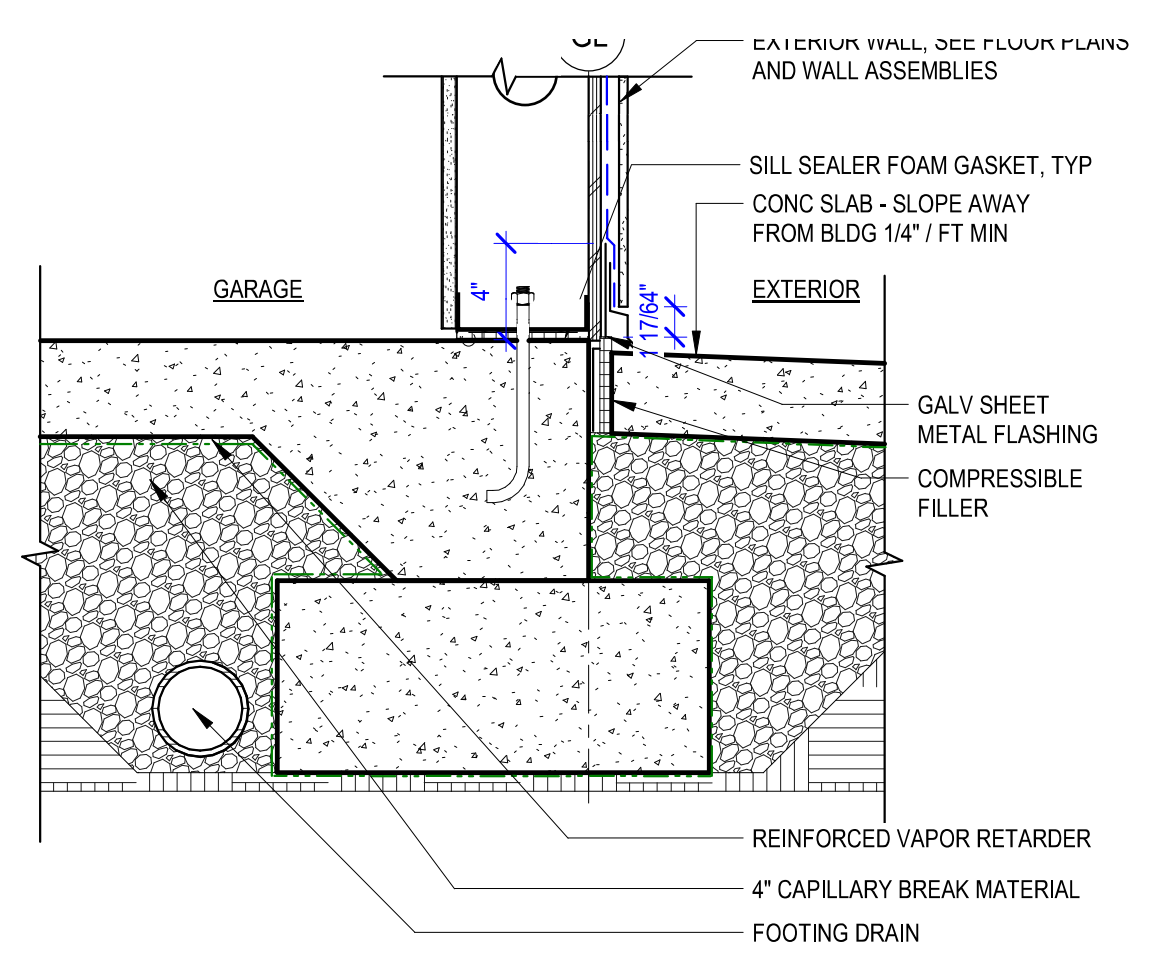
A6 ACCESSIBLE ROUTE
1/4" = 1'-0"

06.22.2023 - BUILDING PERMIT SET

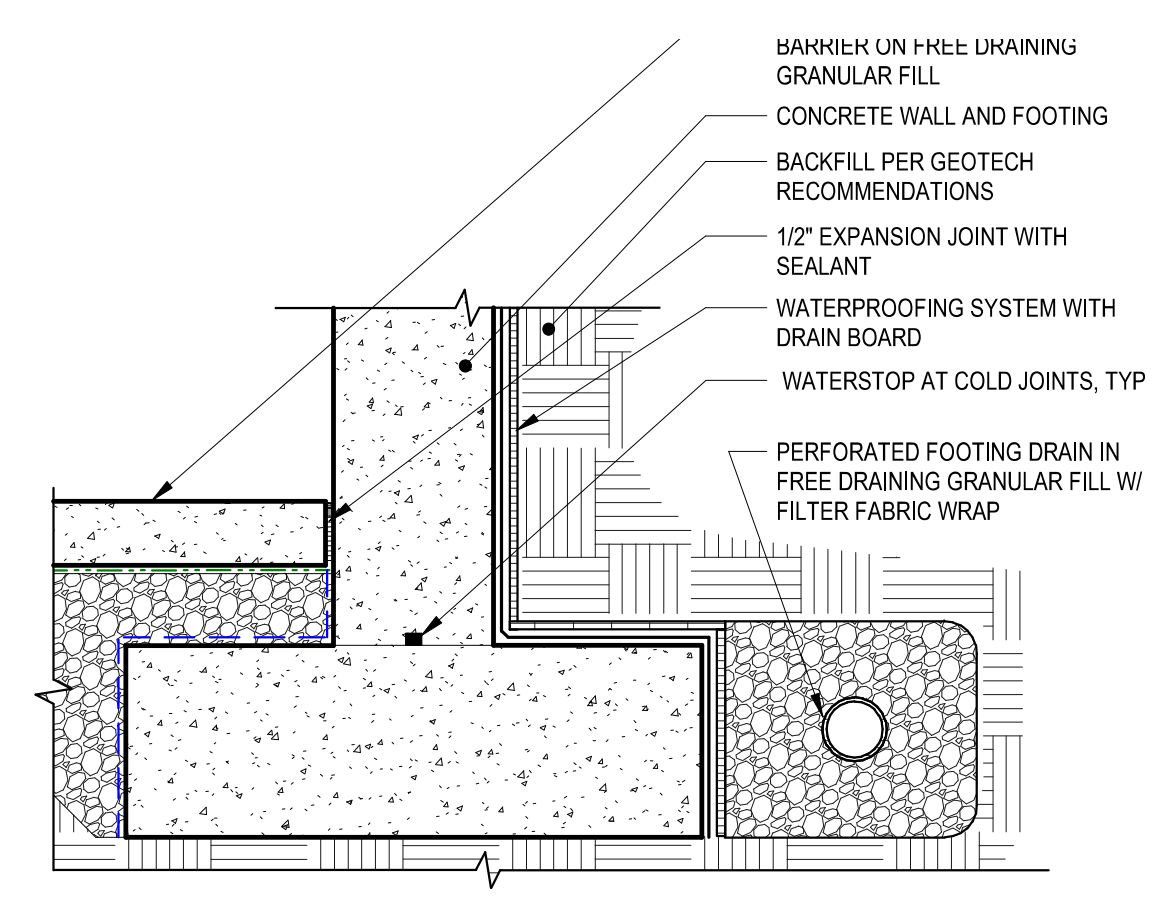
1 2 3 4 5 6



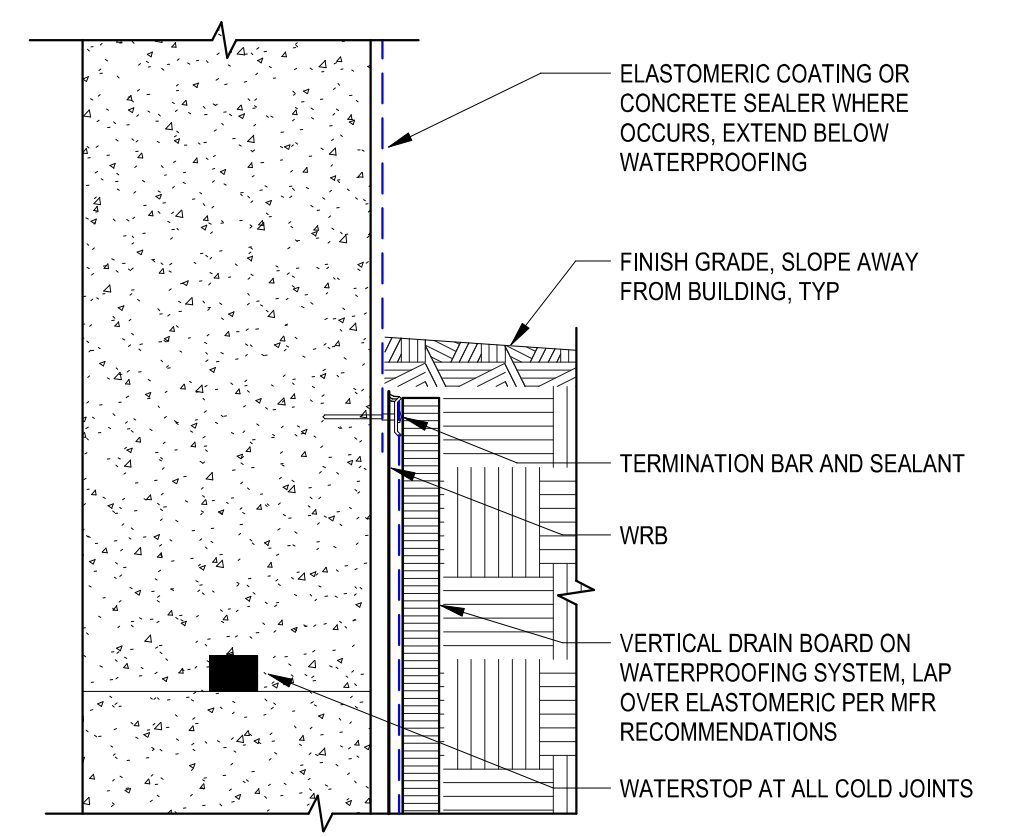
D3 FOOTING AT INT GARAGE
1 1/2" = 1'-0"



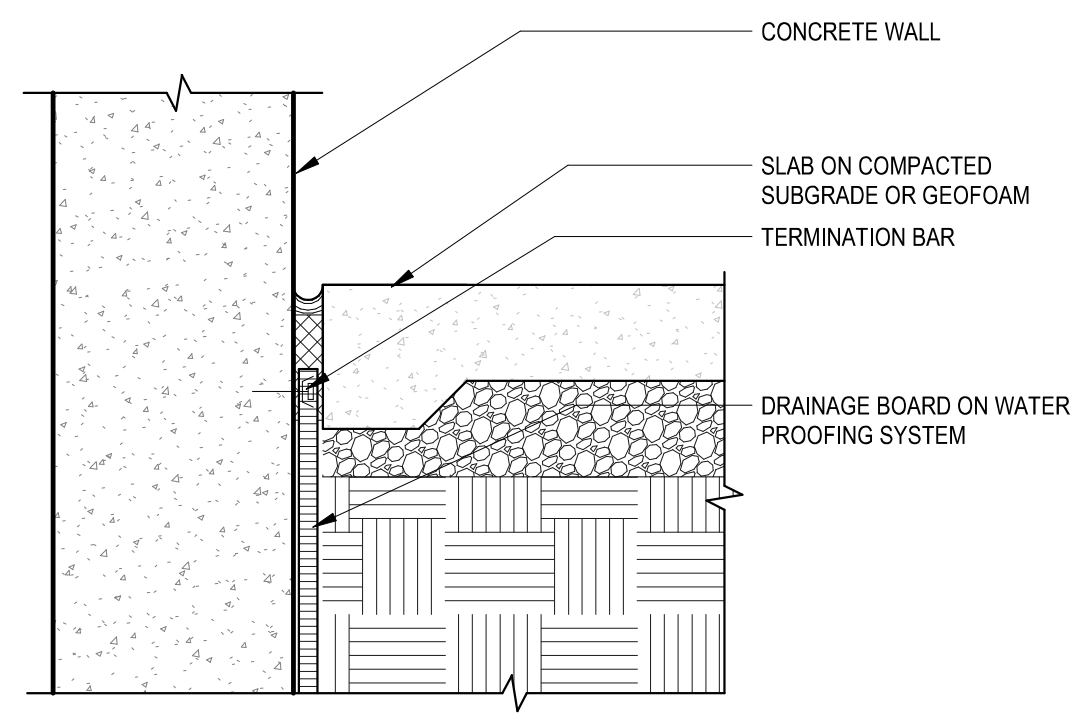
D4 SLAB EDGE AT GARAGE
1 1/2" = 1'-0"



D6 FOOTING
1" = 1'-0"



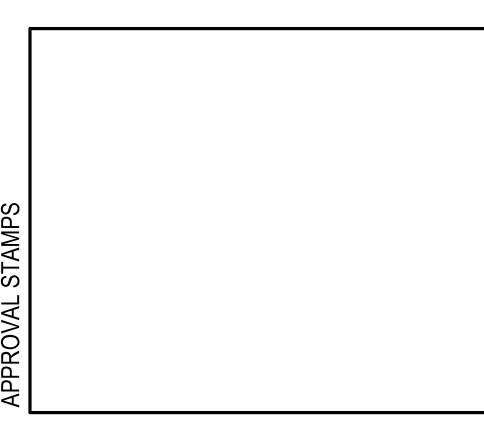
B5 CONC WALL BELOW GRADE
3" = 1'-0"



A5 EXT SLAB TO WALL
1 1/2" = 1'-0"



PROJECT:
KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
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OWNER:
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619 BAY STREET
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ISSUE INFORMATION
PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
FOUNDATION / CONCRETE DETAILS

SHEET NO.
A-505

E

D

C

B

A

E

D

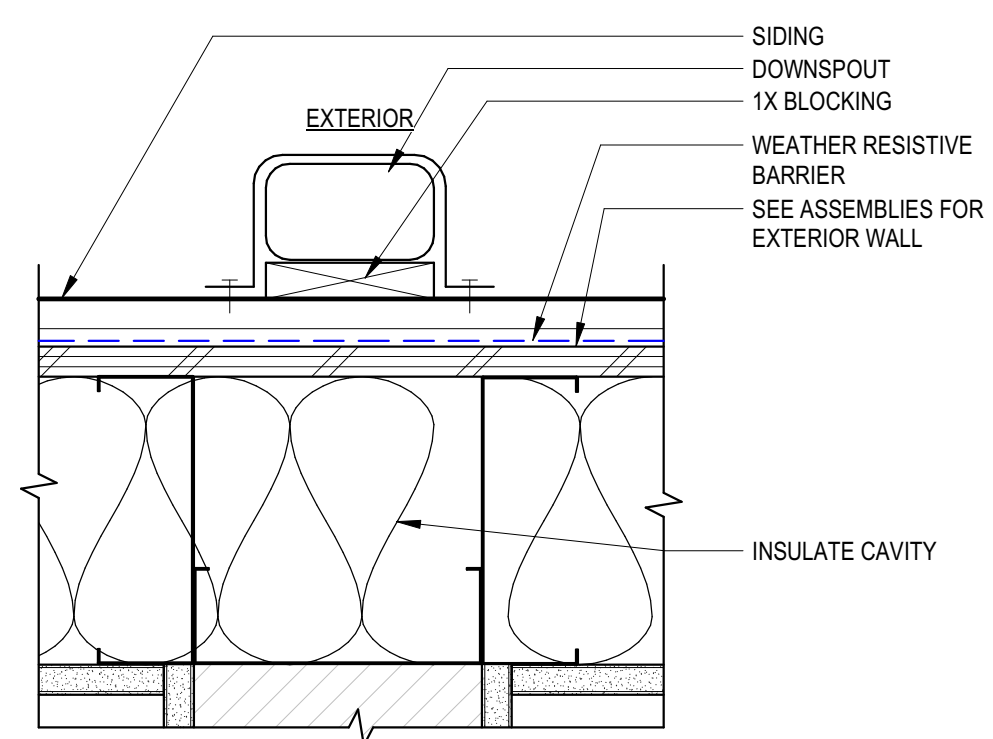
C

B

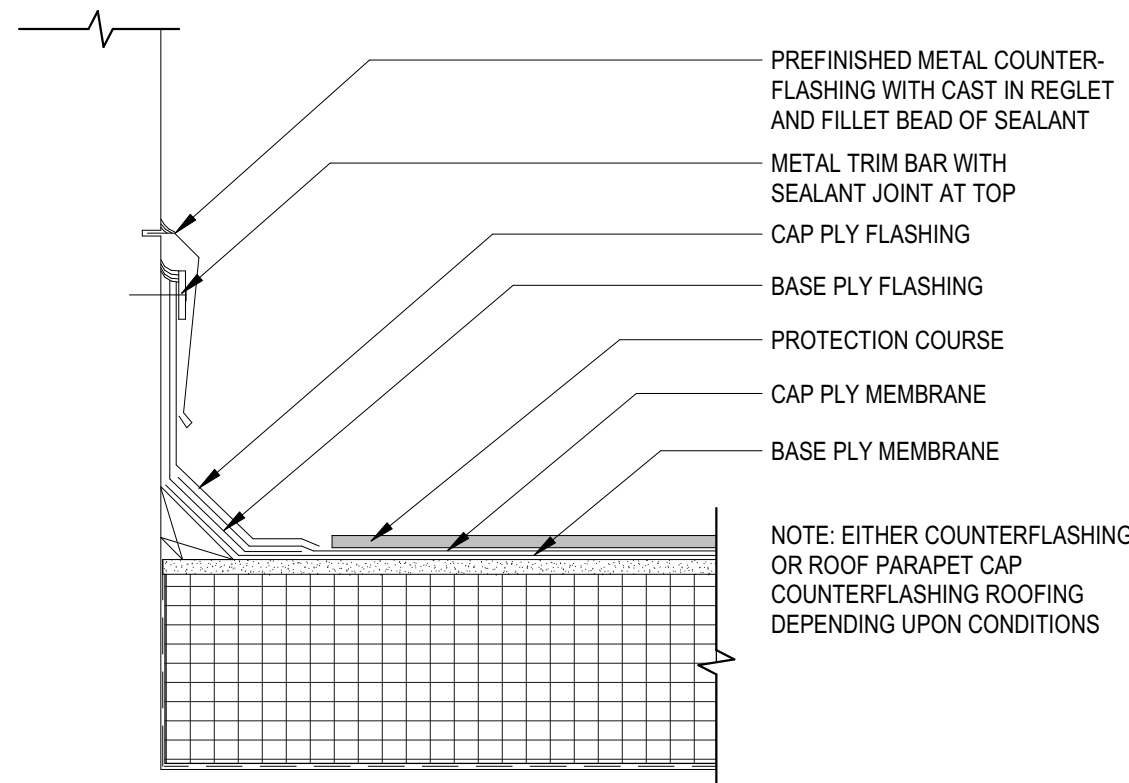
A

1 2 3 4 5 6

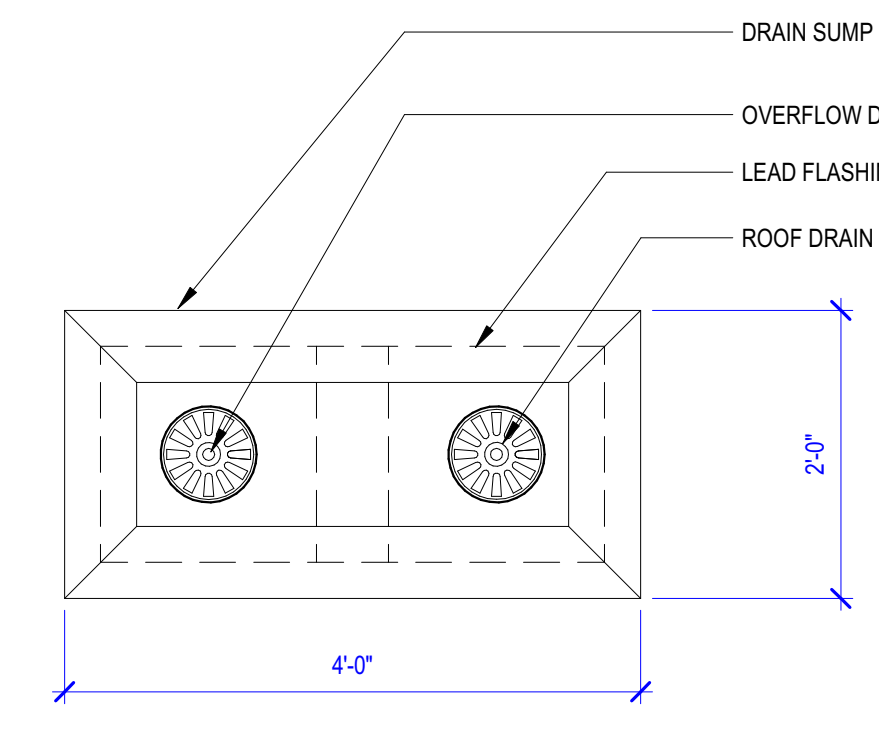
06.22.2023 - BUILDING PERMIT SET



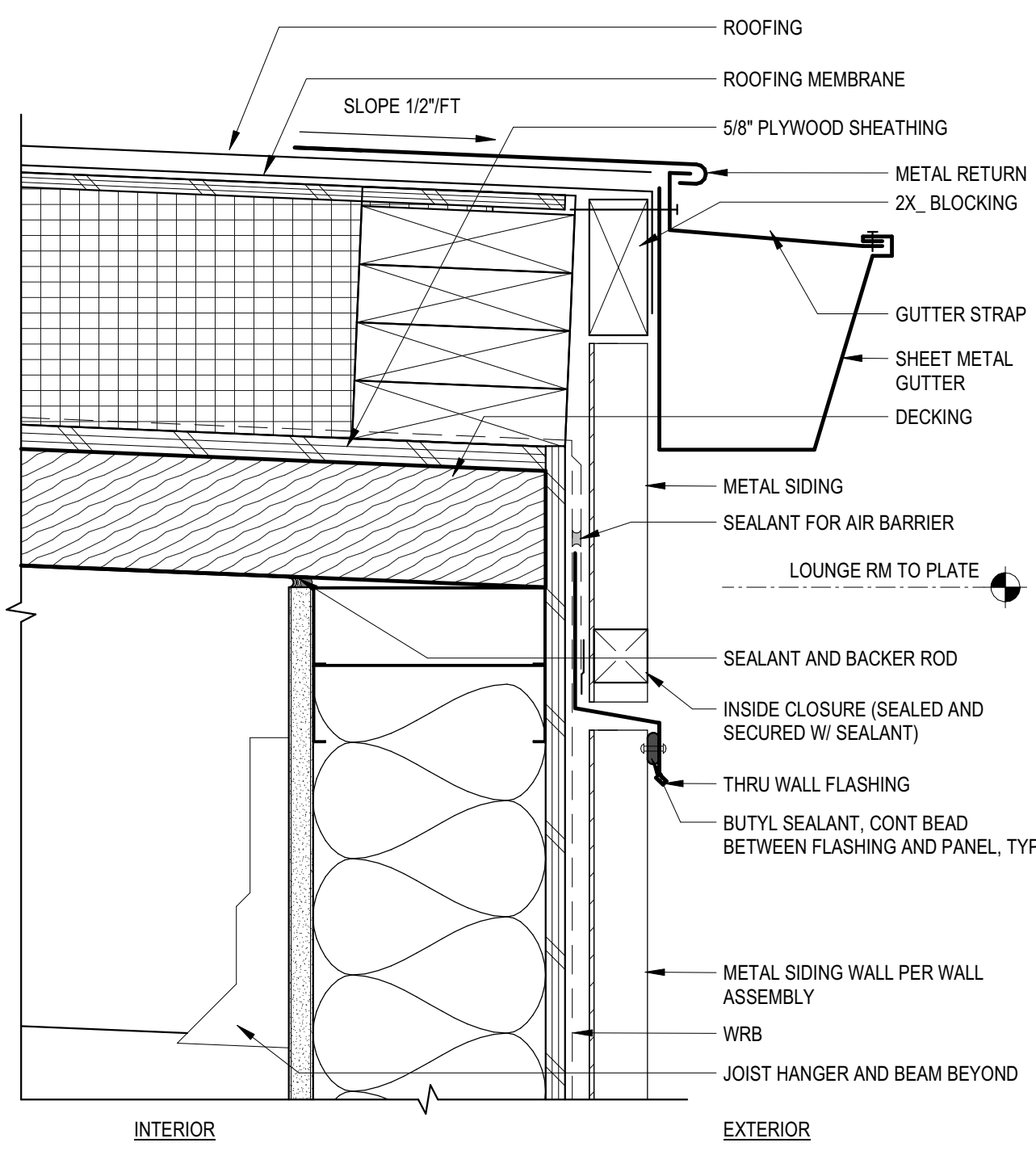
E1 DOWNSPOUT
3" = 1'-0"



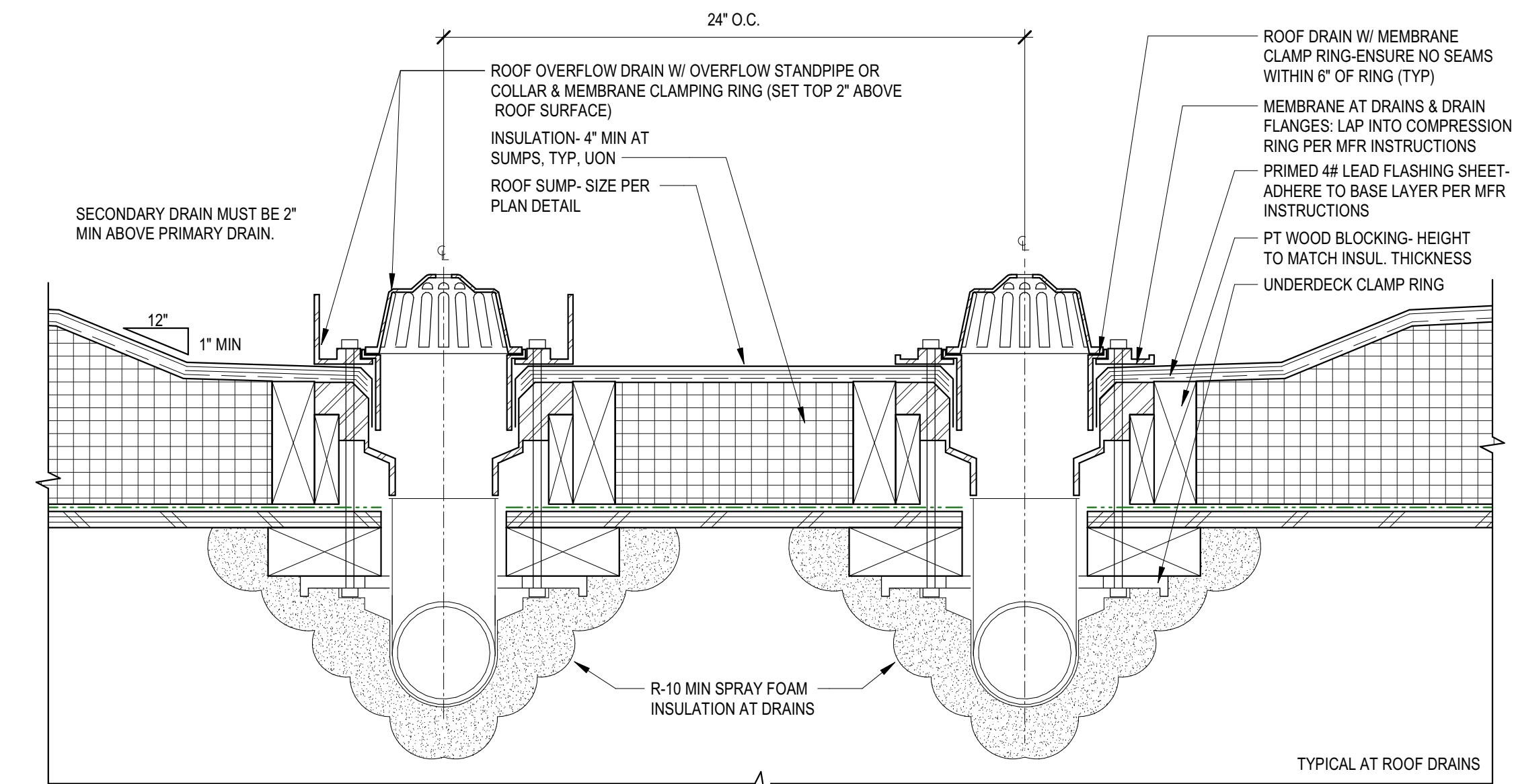
E2 PARAPET WALL INTERFACE
1 1/2" = 1'-0"



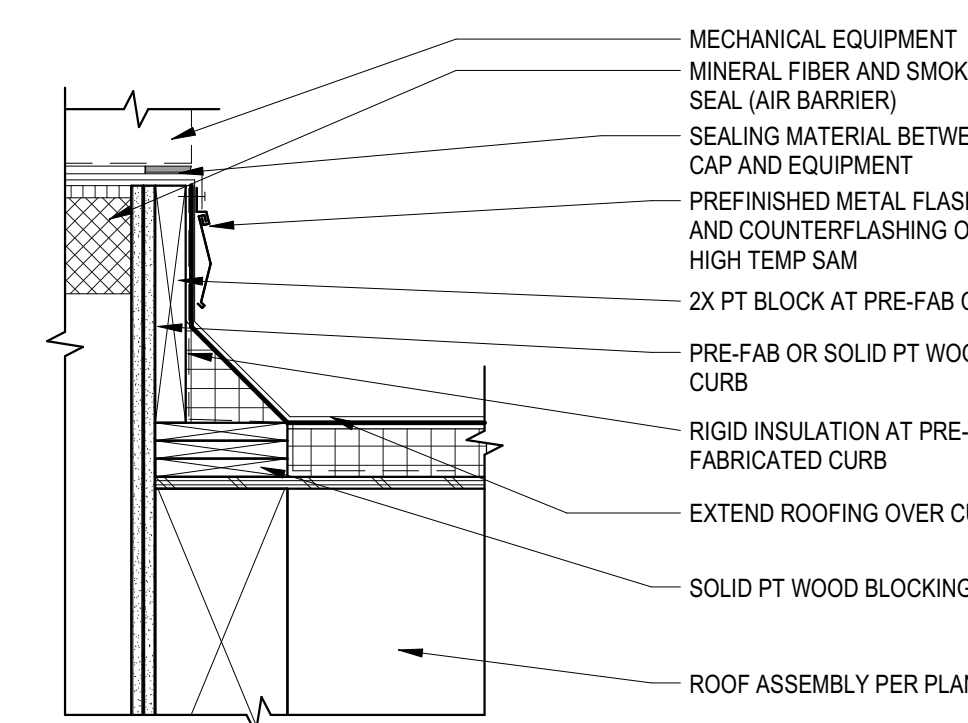
E6 ROOF DRAIN PLAN
3/4" = 1'-0"



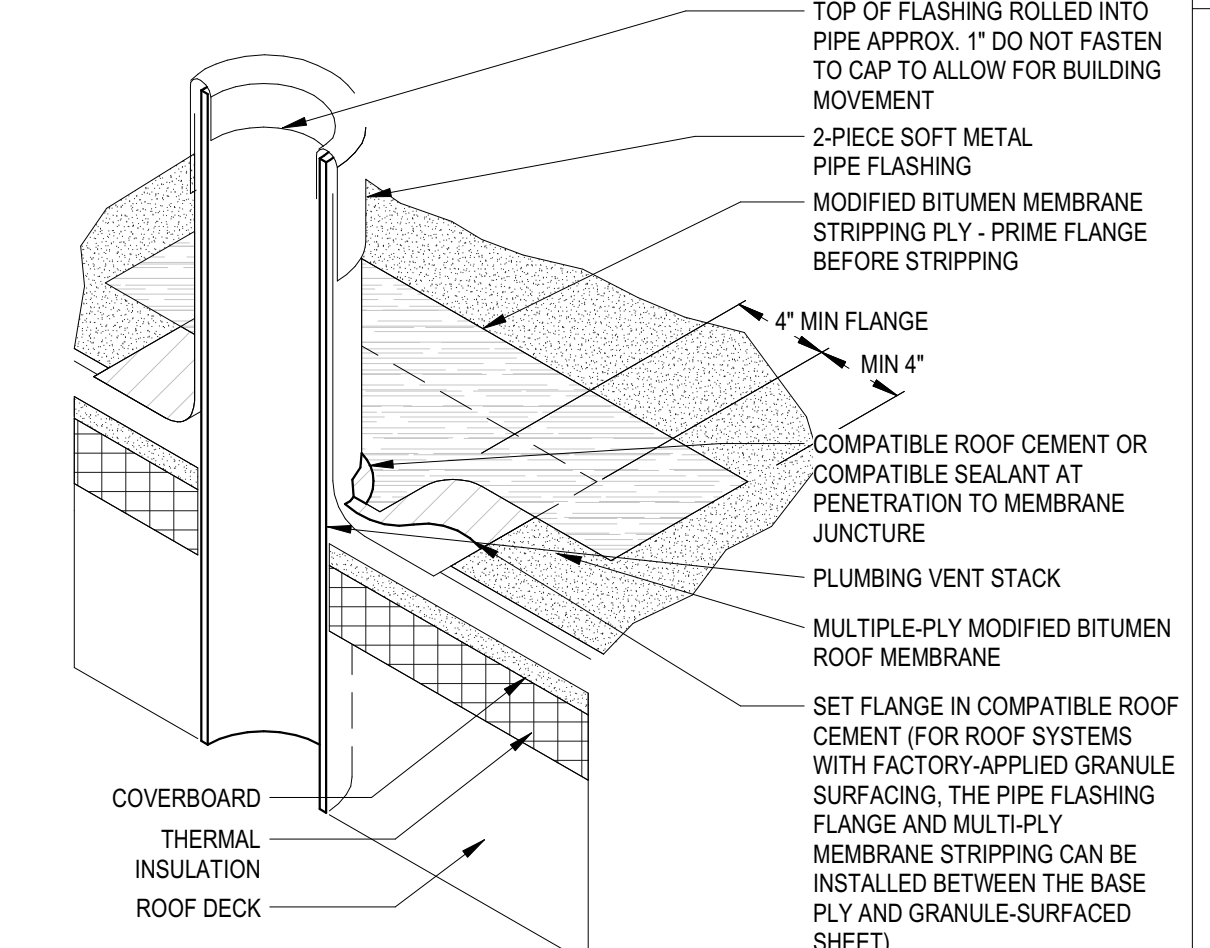
C1 GUTTER DETAIL AT PENTHOUSE
3" = 1'-0"



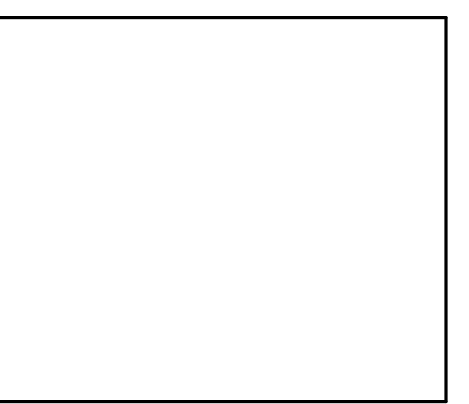
D5 ROOF DRAIN SECTION
3" = 1'-0"



B5 EQUIPMENT CURB
1 1/2" = 1'-0"



B6 VENT PIPE FLASHING
12" = 1'-0"



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REVISIONS		

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GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
ROOF DETAILS

SHEET NO.
A-525

06.22.2023 - BUILDING PERMIT SET

WALL ASSEMBLIES - CONCRETE / CMU

SEE EXTERIOR ELEVATIONS FOR LOCATION AND EXTENT OF EXTERIOR FINISHES. SEE STRUCTURAL FOR THICKNESS

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
CAST-IN-PLACE CONCRETE	A01	FINISH AS SHOWN ON ELEVATIONS REINFORCED CAST-IN-PLACE CONCRETE FURRING - SEE FLOOR PLANS FOR LOCATION AND TYPE	NON-RATED TEST SOURCE: N/A	57 STC TEST SOURCE: RAL TL 76-77 1977	N/A TEST SOURCE: N/A
CONCRETE MASONRY UNIT	A10	FINISH AS SHOWN ON ELEVATIONS 8" CONCRETE MASONRY UNIT FURRING - SEE FLOOR PLANS FOR LOCATION AND TYPE	NON-RATED TEST SOURCE: N/A	44 STC TEST SOURCE: RAL TL 76-77 1977	N/A TEST SOURCE: N/A
CONCRETE MASONRY UNIT - 1HR	A11	FINISH AS SHOWN ON ELEVATIONS 8" CONCRETE MASONRY UNIT - REINFORCED & SOLID GROUTED CELLS FURRING - SEE FLOOR PLANS FOR LOCATION AND TYPE	1-HR - MIN 2.8" EQUIVALENT THICKNESS TEST SOURCE: 2015 IBC TABLE 721.1 (2) ITEM 3-1.4	44 STC TEST SOURCE: RAL TL 76-77 1977	N/A TEST SOURCE: N/A
CONCRETE MASONRY UNIT - 3HR	A13	FINISH AS SHOWN ON ELEVATIONS 8" CONCRETE MASONRY UNIT - REINFORCED & SOLID GROUTED CELLS FURRING - SEE FLOOR PLANS FOR LOCATION AND TYPE	3-HR - MIN 5.3" EQUIVALENT THICKNESS TEST SOURCE: 2015 IBC TABLE 721.1 (2) ITEM 3-1.4	44 STC TEST SOURCE: RAL TL 76-77 1977	N/A TEST SOURCE: N/A

WALL ASSEMBLIES - EXTERIOR METAL FRAMED

SEE EXTERIOR ELEVATIONS FOR LOCATION AND EXTENT OF EXTERIOR FINISHES.

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
EXTERIOR METAL STUD - DIRECT ATTACHED SIDING W/ FOL FACED INSULATION	B02	FINISH AS SHOWN ON ELEVATIONS SIDING ATTACHMENTS SYSTEM (DELEGATED DESIGN) R-10 CONTINUOUS INSULATION W/ TAPED SEAMS - DRAINAGE PLANE WEATHER RESISTIVE BARRIER-DRAINAGE PLANE (1) LAYER 5/8" TYPE "X" EXTERIOR GYPSUM SHEATHING 8" METAL STUDS R-13 MIN BATT INSULATION (1) LAYER 5/8" TYPE "X" GYPSUM BOARD PVA FOR VAPOR RETARDER	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	R-19 + R-10 CI TEST SOURCE: TBD
EXTERIOR METAL STUD - HAT CHANNEL RAINSCREEN W/ MINERAL WOOL	B04	FINISH AS SHOWN ON ELEVATIONS SIDING ATTACHMENTS SYSTEM (DELEGATED DESIGN) 7/8" METAL HAT CHANNEL R-10.6 SEMI-RIGID MINERAL WOOL INSULATION (2 1/2" THICKNESS) WEATHER RESISTIVE BARRIER-DRAINAGE PLANE (1) LAYER 5/8" TYPE "X" EXTERIOR GYPSUM SHEATHING 8" METAL STUDS R-13 MIN BATT INSULATION (1) LAYER 5/8" TYPE "X" GYPSUM BOARD PVA FOR VAPOR RETARDER	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	R-25 + R-10.6 CI TEST SOURCE: TBD

WALL ASSEMBLIES - EXTERIOR FINISH

SEE EXTERIOR ELEVATIONS FOR LOCATION AND EXTENT OF EXTERIOR FINISHES.

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
EXTERIOR FINISH - CEMENTITIOUS PANEL RAINSCREEN	G15	CEMENTITIOUS SIDING - CERACLAD RAINSREEN PANEL CLIPS EXTERIOR WALL - SEE FLOOR PLANS	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
EXTERIOR FINISH - T&G WOOD RAINSCREEN	G30	TONGUE & GROOVE WOOD SIDING RAINSREEN STRAPPING EXTERIOR WALL - SEE FLOOR PLANS	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A

PARTITION TYPES LEGEND

GENERAL PARTITION NOTES	ACOUSTICAL PARTITION NOTES	PARTITION HEIGHT KEY
<ol style="list-style-type: none"> GWB ON 12 GAUGE METAL STUDS @ 16" O.C. TYPICAL UOJ. INSTALL STEEL FRAMING TO COMPLY W/ ASTM C 754 & W/ ASTM C 840 REQ'S THAT APPLY TO FRAMING INSTALLATION. ALL RATED & ACOUSTICAL PARTITION TO HAVE 5/8" TYPE "X" GWB TYPICAL UOJ. PARTITION TYPES ARE ASSUMED TO END AT INTERSECTING WALLS WHERE RATED PARTITIONS INTERSECT NON-RATED PARTITIONS. THE RATED PARTITION IS ASSUMED TO CONTINUE UNINTERRUPTED. ALL FIRE-RATED AND SMOKE ASSEMBLY PARTITIONS EXTEND TO STRUCTURE UOJ. ALL THROUGH PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE INSTALLED AS TESTED PER CODE. APPLY OR PATCH FIREPROOFING TO DECK ABOVE (WHERE OCCURS) AFTER INSTALLATION OF TOP TRACK OR MOUNTING PLATES. APPLY ACOUSTIC SEALANT (WHERE OCCURS) TO FIREPROOFING (WHERE OCCURS) OR TO B.O. STRUCTURE. FOR PARTITIONS EXTENDING TO THE CEILING OR ABOVE, PROVIDING BRACING ABOVE CEILING AS REQ'D TO LIMIT DEFLECTION TO SPECIFIED ALLOWANCES. 	<ol style="list-style-type: none"> ALL ACOUSTICAL PARTITIONS HAVE FULL WALL CAVITY R-11 BATT MIN. ACOUSTICAL PARTITIONS TO BE CAULKED AND SEALED AIRTIGHT. INSTALL (DENS-SHIELD OR EQ) TILE BACKER BOARD AT ALL INTERIOR TILE FINISHES TYPICAL. SEE INTERIOR ELEVATIONS FOR LOCATIONS. PROVIDE 5/8" WATER RESISTANT DRYWALL AT ANY WET WALLS. WHEN METAL FRAMING CONTINUES PAST INTERMEDIATE STRUCTURES - AS IN MULTISTORY STAIR ENCLOSURES AND SIMILAR CONDITIONS - ATTACHMENT TO INTERMEDIATE STRUCTURE SHALL BE WITH A SLOTTED CONNECTION OR OTHER MEANS SO THAT STRUCTURAL DEFLECTION WILL NOT TRANSFER LOADS TO METAL FRAMING. CUT STUDS 1/2" SHORT TO ALLOW 1/2" DEFLECTION & PROVIDE NESTED TRACK OR SLOTTED TRACK TO ALLOW 1/2" DEFLECTION. HOLD FINISH MATERIALS 1/2" SHORT OF STRUCTURAL ABOVE. DO NOT FASTEN TO TOP TRACK. FASTEN INTO STUDS ONLY. ALL EXISTING SHELL AND CORE WALLS IN TENANT SPACE TO BE FINISHED PER FINISH SCHEDULE. 	<p>NOTE: REFER TO PLANS, NOT ALL CONFIGURATIONS USED.</p>

WALL ASSEMBLIES - INTERIOR METAL

ADD NOTE IF NECESSARY

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
INTERIOR METAL STUD	C01	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 3 5/8" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NOT-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR METAL STUD	C02	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 6" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR METAL STUD	C03	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 8" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR METAL STUD	C09	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 12" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR METAL STUD - 1HR	C10	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 3 5/8" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	1-HR TEST SOURCE: GA FILE NO. WP 1072	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR METAL STUD - 1HR	C12	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 6" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	1-HR TEST SOURCE: GA FILE NO. WP 1072	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR METAL STUD - 1HR	C19	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 12" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	1-HR TEST SOURCE: GA FILE NO. WP 1072	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
METAL CH STUD SHAFT - 1HR	C50	(1) LAYERS TYPE "X" GYPSUM BOARD 4" METAL CH STUD 1" GYPSUM LINER PANEL	1-HR TEST SOURCE: UL L415 SYSTEM A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A

WALL ASSEMBLIES - INTERIOR WOOD FRAMED

ADD NOTE IF NECESSARY

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
INTERIOR WOOD WALL	E01	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 2X4 WOOD STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR WOOD WALL	E02	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 2X6 WOOD STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR WOOD WALL	E03	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 2X8 WOOD STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR WOOD WALL - 1HR	E13	(1) LAYER 5/8" TYPE "X" GYPSUM BOARD 2X6 WOOD STUD FRAMING 5 1/2" MINERAL FIBER INSULATION (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	1-HR TEST SOURCE: GA FILE NO. WP 3661	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A

WALL ASSEMBLIES - INTERIOR FURRING WALLS

SEE INTERIOR ELEVATIONS FOR LOCATION AND EXTENT OF EXTERIOR FINISHES.

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
METAL STUD FURRING	H01	WALL PER PLANS R-10 CONTINUOUS RIGID INSULATION 1" AIR SPACE 3 5/8" METAL STUD FRAMING R-15 BATT INSULATION (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	R-15 + R-10 CI TEST SOURCE: TBD
METAL STUD FURRING	H02	WALL PER PLANS 1" AIR SPACE 3 5/8" METAL STUD FRAMING R-15 BATT INSULATION (1) LAYER 5/8" TYPE "X" GYPSUM BOARD PVA PRIMER FOR VAPOR RETARDER	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	R-15 TEST SOURCE: TBD
METAL STUD FURRING	H03	WALL PER PLANS 7/8" METAL HAT CHANNEL (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
METAL STUD FURRING	H07	WALL PER PLANS 1" AIR SPACE 3 5/8" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: TBD
METAL STUD FURRING	H09	WALL PER PLANS 1" AIR SPACE 8" METAL STUD FRAMING (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
WOOD STUD FURRING	H21	WALL PER PLANS 1" AIR SPACE AS REQUIRED 2X6 WOOD STUD (1) LAYER 5/8" TYPE "X" GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A

ASSEMBLIES LEGEND

MARK KEY	GENERAL NOTES
WALL CORES A CONCRETE OR CMU WALLS B EXTERIOR METAL STUD WALLS C INTERIOR METAL STUD WALLS D EXTERIOR WOOD STUD WALLS E INTERIOR WOOD STUD WALLS FINISH WALLS G EXTERIOR FINISH WALLS H FURRING WALLS CEILINGS, SOFFITS, FLOORS & ROOFS F FLOOR / CEILINGS R ROOF / CEILINGS J INTERIOR CEILINGS S EXTERIOR SOFFITS	<ol style="list-style-type: none"> SEE TEST REPORTS FOR ADDITIONAL REQUIREMENTS. BLOCKING IS REQUIRED AT THE FOLLOWING AREAS: A. PLUMBING FIXTURES B. ELECTRICAL FIXTURES C. CABINETS AND COUNTERS D. WOOD BASE E. HANDRAILS MOUNTED TO WALL F. OTHER WALL-MOUNTED OR SUPPORTED EQUIPMENT AND FIXTURES LOCATIONS. CEMENT BACKER BOARD TO BE USED IN PLACE OF GYP BD AT ALL WET LOCATIONS. INSULATE HOT AND COLD WATER PIPES IN EXTERIOR WALLS AND UNCONDITIONED SPACES TO R-3 MIN. INSULATE HOT WATER PIPES PER WSEC SECTION 503.11 - 1" MIN FOR NON-CIRCULATING WATER PIPES LESS THAN 2" IN DIA. SEE WSEC TABLE 5-12 FOR ALL OTHER APPLICATIONS. 1 1/2" ACOUSTIC BATT INSULATION WRAP AT ALL DRAIN PIPES.

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APPROVAL STAMPS

MARK DATE DESCRIPTION
REVISIONS

B 02/23/2023 SD PRICE SET

A 03/01/2022 CONCEPT DESIGN PRICE SET

MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**

GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

OWNER APPROVAL:

SHEET TITLE
WALL ASSEMBLIES

SHEET NO.

A-601

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06.22.2023 - BUILDING PERMIT SET

INTERIOR CEILING ASSEMBLIES

SEE REFLECTED CEILING PLANS FOR FINISH CEILING TYPES AND LOCATIONS.

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
INTERIOR METAL FRAMED CEILING	J10	3.58" METAL STUD FRAMING (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
INTERIOR METAL FRAMED CEILING - BATT INSULATION	J20	MIN 1" AIR SPACE 3.58" METAL STUD FRAMING 3.12" ACOUSTIC BATT INSULATION (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
SUSPENDED ACOUSTICAL CEILING	J40	METAL SUSPENSION SYSTEM AND BRACING ACOUSTICAL CEILING TILES - REFER TO REFLECTED CEILING PLANS FOR LAYOUT	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
HORIZONTAL SHAFT ENCLOSURE - 2HR	J80	(1) LAYER 1" GWB LINER PANEL 2 1/2" VERTICAL CH STUD CONNECTED TO MIN 24 GA J-RUNNERS (3) LAYERS 1/2" GYPSUM PANELS 'C' CORE	2-HR TEST SOURCE: PEI ES AER-08036, FIGURE 10 (PAGE 10)	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A

ROOF ASSEMBLIES

ADD NOTE IF NECESSARY.

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
TYP CLT ROOF	T60	DECKING / PLANTING PER LANDSCAPE DRAINAGE MAT / PROTECTION BOARD CLASS A MEMBRANE WATERPROOFING COVER BOARD MIN R-40 RIGID INSULATION SLOPED TO DRAIN 5-PLY CLT SLAB RESILIENT CHANNEL (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD PVA SEALER FOR VAPOR BARRIER	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
TYP CLT ROOF UNDER PAVERS AT TERRACE	T81	PAVER PEDESTAL CLASS A MEMBRANE WATERPROOFING COVER BOARD MIN R-40 RIGID INSULATION SLOPED TO DRAIN 5-PLY CLT SLAB RESILIENT CHANNEL (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD PVA SEALER FOR VAPOR BARRIER	NON-RATED TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A

FLOOR ASSEMBLIES

SEE FINISH PLANS FOR FINISH FLOOR LOCATIONS AND TYPES.

DESC	MARK	ASSEMBLY	FIRE RATING	SOUND RATING	ENERGY RATING
CONCRETE SLAB ON GRADE	F01	FLOOR FINISH (WHERE OCCURS PER PLANS) CONCRETE SLAB 15 MIL REINFORCED VAPOR BARRIER R-10 RIGID INSUL FOR 24" AT PERIMETER OF CONDITIONED SPACE 4" CAPILLARY BREAK MATERIAL	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
CONCRETE SLAB ON METAL DECK - 1HR	F10	FLOOR FINISH (WHERE OCCURS PER PLANS) 4" CONCRETE ON METAL DECK	1-HR - MIN 3/8" THICKNESS TEST SOURCE: 2018 IBC TABLE 721.1(3) ITEM 9-1.1	N/A TEST SOURCE: N/A	N/A TEST SOURCE: N/A
TYP INTERIOR CLT FLOOR	F01	FLOOR FINISH (WHERE OCCURS PER PLANS) 3" CONCRETE RUBBER UNDERLAYMENT 7-PLY CLT SLAB	1-HR TEST SOURCE: IBC 722.1 / NDS CHAPTER 16	STC 56 TEST SOURCE: NRCC TLF-15-002	N/A TEST SOURCE: N/A
TYP INTERIOR CLT FLOOR AT FITNESS CENTER	F02	FLOOR FINISH 1" RUBBER UNDERLAYMENT 3" CONCRETE (2) 1/2" PLYWOOD 2" EPDM VIBRATION CONTRON PAD 7-PLY CLT SLAB	1-HR TEST SOURCE: IBC 722.1 / NDS CHAPTER 16	STC 56 TEST SOURCE: NRCC TLF-15-002	N/A TEST SOURCE: N/A

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GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
FLOOR, CEILING, ROOF AND SOFFIT ASSEMBLIES

SHEET NO.
A-605

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ASSEMBLIES LEGEND

MARK KEY	GENERAL NOTES
WALL CORES A CONCRETE OR CMU WALLS B EXTERIOR METAL STUD WALLS C INTERIOR METAL STUD WALLS D EXTERIOR WOOD STUD WALLS E INTERIOR WOOD STUD WALLS	<ol style="list-style-type: none"> SEE TEST REPORTS FOR ADDITIONAL REQUIREMENTS. BLOCKING IS REQUIRED AT THE FOLLOWING AREAS: A. PLUMBING FIXTURES B. ELECTRICAL FIXTURES C. CABINETS AND COUNTERS D. WOOD BASE E. HANDRAILS MOUNTED TO WALL F. OTHER WALL-MOUNTED OR SUPPORTED EQUIPMENT AND FIXTURES CEMENT BACKER BOARD TO BE USED IN PLACE OF GYP BD AT ALL WET LOCATIONS. INSULATE HOT AND COLD WATER PIPES IN EXTERIOR WALLS AND UNCONDITIONED SPACES TO R-3 MIN. INSULATE HOT WATER PIPES PER WSEC SECTION 503.11 - 1" MIN FOR NON-CIRCULATING WATER PIPES LESS THAN 2" IN DIA. SEE WSEC TABLE 5-12 FOR ALL OTHER APPLICATIONS. 1 1/2" ACOUSTIC BATT INSULATION WRAP AT ALL DRAIN PIPES.
FINISH WALLS G EXTERIOR FINISH WALLS H FURRING WALLS	
CEILINGS, SOFFITS, FLOORS & ROOFS F FLOOR / CEILINGS R ROOF / CEILINGS J INTERIOR CEILINGS S EXTERIOR SOFFITS	

06.22.2023 - BUILDING PERMIT SET

OIL INTERCEPTOR SCHEDULE										
TAG	#	MANUFACTURER	MODEL	LOCATION	FLOW RATE (GPM)	INLET SIZE (IN)	OUTLET SIZE (IN)	SIZE L x W x H (IN)	OPER. WT. (LBS)	NOTES
OVS	1-1	WATTS	OK	TRASH ROOM	100	4"	4"	34"x21"x16"		

NOTES

- CAPACITY BASED ON PLUMBING CODE DISCHARGE FLOW RATE.
- TANK SHALL BE DESIGNED FOR H20 TRAFFIC WHEEL LOAD, MINIMUM.
- PROVIDE TWO (MINIMUM) ACCESS OPENINGS WITH GAS TIGHT 24" DIAMETER CAST IRON FRAME AND COVER.
- PROVIDE INTERNAL RISERS TO SUIT INTERCEPTOR INVERTS.
- REFER TO PLUMBING PLANS FOR INVERT ELEVATION.

DOMESTIC SEWAGE/SUMP PUMP SCHEDULE																			
TAG	#	MANUFACTURER	MODEL	SYSTEM SERVED	TYPE	PUMP				ELECTRICAL				SINGLE POC (Y/N)	EMERG POWER (Y/N)	BASIN CAPACITY		OPER. WT. (LBS)	NOTES
						FLOW (GPM)	HEAD (FT WG)	RPM	QUAN.	HP	VOLTS	PH	FLA			VOL (GAL)	SIZE (H"xDIA")		

NOTES

- COORDINATE WITH ELECTRICAL FOR POWER AND DISCONNECT AS REQUIRED.
- PROVIDE NON-OVERLOADING AIR FILLED, HERMETICALLY SEALED MOTOR.
- PROVIDE CONTROL PANEL WITH THE FOLLOWING FEATURES: DISCONNECT SWITCHES, MAGNETIC STARTERS, TEST/OFF/AUTO SWITCH, RUNNING LIGHTS, ALARM LIGHTS, HORN, AND SILENCE SWITCH.
- PROVIDE PUMP REMOVAL SYSTEM WITH FLOOR DISCHARGE ELBOWS AND UL EXPLOSION PROOF BRACKETS, UPPER GUIDE RAIL BRACKETS, STAINLESS STEEL LIFTING CABLES, AND SS GUIDE RAILS.
- FOR DUPLEX SYSTEM PROVIDE FOUR (4) NON-MERCURY FLOAT SWITCHES WITH CABLES AND WALL BRACKETS. MOUNT FLOATS AT LEVELS FOR OFF/STOP, START, LAG/STANDBY, AND HIGH WATER ALARM.
- FOR SIMPLEX SYSTEM PROVIDE THREE (3) NON-MERCURY FLOAT SWITCHES WITH CABLES AND WALL BRACKETS. MOUNT FLOATS AT LEVELS FOR OFF/STOP, START, AND HIGH WATER ALARM.

DOMESTIC WATER HEATER SCHEDULE																				
TAG	#	MANUFACTURER	MODEL	LOCATION	REFRIDG. TYPE	VOL (GAL)	RECOV (GPH)	MIN EAT (°F)	EWT (°F)	LWT (°F)	EFFICIEN CY FACTOR (UEF)	CONNECTION SIZE			ELECTRICAL			UNIT SIZE (DIA"xH")	OPER. WT. (LBS)	NOTES
												CW (IN)	HW (IN)	KW	VOLTS	PH	MCA			
HPWH	1-1	HUBBELL	PBX-6SSL-10T4-V1	UTILITY RM	RT426A	65	19.4	70	50	130	2.16	3/4"	3/4"	2850	208	1	13.7	28" x 63"	1200	
HPWH	1-2	HUBBELL	PBX-6SSL-10T4-V1	UTILITY RM	RT426A	65	19.4	70	50	130	2.16	3/4"	3/4"	2850	208	1	13.7	28" x 63"	1200	
HPWH	1-3	HUBBELL	PBX-6SSL-10T4-V1	RETAIL SPACE	RT426A	65	19.4	70	50	130	2.16	3/4"	3/4"	2850	208	1	13.7	28" x 63"	1200	

NOTES

- COORDINATE WITH ELECTRICAL FOR POWER AND DISCONNECT AS REQUIRED.
- TANK TYPE, HEAT PUMP WATER HEATER, WITH ELECTRIC WATER HEATER ELEMENTS 3800 WATTS.
- DEFAULT MODE SET FOR NON-SIMULTANEOUS OPERATION OF HEAT PUMP AND ELECTRIC ELEMENT.

PLUMBING EXPANSION TANK SCHEDULE																
TAG	#	MANUFACTURER	MODEL	LOCATION	TYPE	TANK VOL. (GAL)	ACCEPT. VOL. (GAL)	FILL. PRESS. (PSIG)	OPER. PRESS. (PSIG)	RELIEF PRESS. (PSIG)	MIN. TEMP. (°F)	MAX. TEMP. (°F)	SYSTEM CONN. (IN)	SIZE (DIA x H IN)	OPER. WT. (LBS)	NOTES

NOTES

- PROVIDE TANK RATED FOR ASME WORKING PRESSURE OF 125 PSIG.
- PROVIDE TANK WITH (VERTICAL / HORIZONTAL) CONFIGURATION.
- ANCHOR TO HOUSEKEEPING PAD. COORDINATE WITH STRUCTURAL DESIGN.

BACKFLOW PREVENTION DEVICE SCHEDULE									
TAG	#	MANUFACTURER	MODEL	LOCATION	SYSTEM SERVED	FLOW RATE		MAX PRESSURE DROP (PSI)	NOTES
						SIZE (IN)	MIN (GPM) / MAX (GPM)		

NOTES

- ROUTE RELIEF TO FLOOR SINK.
- PROVIDE WITH AIRGAP.

MIXING VALVE SCHEDULE															
TAG	#	MANUFACTURER	MODEL	SYSTEM SERVED	LOCATION	FLOW RATE		CONNECTION INLET (IN) / OUTLET (IN)	OUTLET SETPOINT (°F)	ELECTRICAL			MOUNTING (CABINET/EXPOSED)	UNIT SIZE (L"xW"xH")	NOTES
						MIN (GPM)	MAX (GPM)			V	PH	FLA			

NOTES

- COORDINATE WITH WATER HEATER SUPPLY AND PLUMBING FIXTURE DEMANDS.
- LOW LEAD CONTAINING LESS THAN 0.25% LEAD BY WEIGHT.
- SELF-REGULATING THERMOSTATIC MIXING VALVE TO MAINTAIN OUTLET TEMPERATURE OVER FULL RANGE OF FLOW.
- VALVE ASSEMBLY TO BE ASSE 1070 CERTIFIED. (FOR SINKS, LAVATORIES, AND TUBS)
- VALVE ASSEMBLY TO BE ASSE 1071 CERTIFIED. (FOR EMERGENCY EYEWASH AND SHOWERS)
- VALVE ASSEMBLY TO BE ASSE 1016/1069 CERTIFIED. (FOR SINGLE/GANG SHOWERS)

PLUMBING FIXTURE SCHEDULE																
TAG	FIXTURE	MANUFACTURER	MODEL	ADA (Y/N)	FLOW (GPF/GPM)	CONNECTION SIZE				ELECTRICAL			REMARKS			
						W	V	HW	CW	V	PH	A				
DRAINS																
AD-1	AREA DRAIN	JR SMITH	2310Y-02						2"							ENAMEL COATED CAST IRON BODY WITH FLANGE, CLAMPING COLLAR, SEEPAGE OPENINGS, ADJUSTABLE 8" SQUARE TOP, SEDIMENT BUCKET, BOTTOM OUTLET, NO-HUB JOINT, SATIN BRONZE FINISH, VANDAL PROOFED
FD-1	FLOOR DRAIN - FINISHED	JR SMITH	2010-A-02						2"							ENAMEL COATED CAST IRON BODY WITH FLANGE, INTEGRAL REVERSIBLE CLAMPING COLLAR, SEEPAGE OPENINGS, ADJUSTABLE ROUND SATIN NICKEL BRONZE STRAINER, SEDIMENT BUCKET, BOTTOM OUTLET, CAULK INSIDE OR TY SEAL OR NO-HUB JOINT. PROVIDE TRAP PRIMER.
FS-1	FLOOR SINK	ZURN	FD-2375-NH4-H						4"							ENAMEL COATED CAST IRON BODY WITH SEEPAGE FLANGE, ACID RESISTANT INTERIOR SURFACES, ALUMINUM DOME STRAINER, 12" X 12" X 6", HALF GRATE, BOTTOM OUTLET, NO-HUB JOINT. PROVIDE TRAP PRIMER.
OD-1	OVERFLOW DRAIN	JR SMITH	1070Y-04						4"							16" DIAMETER, ENAMEL COATED CAST IRON BODY WITH FLANGE, FLASHING RING WITH GRAVEL STOP, UNDERDECK CLAMP, EXTENSION, SUMP RECEIVER, STANDPIPE COLLAR, ALUMINUM DOME, NO-HUB JOINT.
RD-1	ROOF DRAIN	JR SMITH	1010Y-04						4"							16" DIAMETER, ENAMEL COATED CAST IRON BODY WITH FLANGE, FLASHING RING WITH GRAVEL STOP, UNDER DECK CLAMP, EXTENSION, SUMP RECEIVER, ALUMINUM DOME, NO HUB JOINT.
DRINKING FOUNTAIN																
EWC-1	ELECTRIC WATER COOLER	ELKAY	LZWS-LRPBM28K	YES	0.133	1 1/2"	1 1/2"			1/2"	115	1	5			BARRIER FREE, FILTERED, REFRIGERATED, DOUBLE ROUND W/ BOTTLE FILLER
LAVATORY																
L-1	LAVATORY - UNDERMOUNT	KOHLER	K-2210 "CAXTON"	YES	0.5	2"	1 1/2"	1/2"	1/2"							FAUCET: SLOAN EAS-250, BATTERY POWERED PROVIDE WITH LOCAL ASSE 1070 MIXING VALVE
L-2	LAVATORY - WALL HUNG	KOHLER	K-2084 "SOHO"	YES	0.5	2"	1 1/2"	1/2"	1/2"							FAUCET: SLOAN EAS-250, BATTERY POWERED CARRIER. JR SMITH 0700 PROVIDE WITH LOCAL ASSE 1070 MIXING VALVE
MISC																
OB-1	OUTLET BOX	SIOUX CHIEF	OX BOX							1/2"						
SERVICE SINK																
MS-1	MOP SINK	STERN WILLIAMS	CRS-2200-BP	-	2	3"	2"	3/4"	3/4"							SINK: PROVIDE WITH BACKSPASH FAUCET: CHICAGO 897-ROF WITH VACUUM BREAKER FLOW CONTROL: 2.0 GPM OMNI A-810VR-2-DLF
SHOWER																
SH-1	SHOWER - FULL ENCLOSURE			NO	1.5	2"	1 1/2"	3/4"	3/4"							FAUCET: DRAIN:
SH-2	SHOWER - FULL ENCLOSURE - YES			YES	1.5	2"	1 1/2"	3/4"	3/4"							FAUCET: DRAIN:
SINK																
S-1	SINGLE BOWL SINK (25" X 16" X 6")	ELKAY	ECTSRAD 25226 "CROSSTOWN"	YES	1	2"	2"	3/4"	3/4"							SINK: UNDERMOUNT/DROP-IN, THREE HOLE, ADA FAUCET: CHICAGO 201-G8AE26-S-317AB, WRIST BLADE HANDLES, GOOSENECK, 1.0-GPM PROVIDE WITH: GRID STRAINER, HOT WATER ANGLE STOP FOR DISH WASHER, AND COLD WATER ANGLE STOP FOR COFFEE MAKER
WATER CLOSET																
WC-1	WATER CLOSET, WALL HUNG	KOHLER	KINGSTON K-4325	NO	1.28	4"	2"		1 1/4"							FLUSH VALVE: SLOAN ROYAL 111-1-28 CARRIER, JR SMITH 0210, 0240, OR 0410 AS APPLICABLE SEAT: BEMIS 1655SSCT MOUNTING HEIGHT: 15" TO RIM
NOTES																
A. COMPLY WITH ALL MANUFACTURER INSTALLATION REQUIREMENTS TO PROVIDE COMPLETE AND OPERATIONAL FIXTURES.																
B. PROVIDE TRANSITION FITTING AS REQUIRED TO CONNECT TO BRANCH PIPING, WHICH MAY BE A DIFFERENT SIZE, AND AS SHOWN ON DRAWINGS.																
C. PROVIDE STOP VALVES, BACKFLOW PREVENTERS AND SUPPORTS AS REQUIRED BY THE MANUFACTURER AND PLUMBING CODE.																
D. COORDINATE WITH ELECTRICAL DESIGN FOR POWER SUPPLY AND LOCATIONS.																
E. HOT WATER SHALL BE LIMITED TO ALL FIXTURES IN ACCORDANCE WITH ASSE STANDARDS: PUBLIC LAVATORIES, BATHTUBS & WHIRLPOOLS SHALL BE LIMITED TO 110 F (ASSE 1070), EMERGENCY EYEWASH AND SHOWERS LIMITED TO 60-100F (ASSE 1071), AND SINGLE SHOWER/ GANG SHOWERS LIMITED TO 120F (ASSE 1016/ ASSE 1069).																

WATER HAMMER ARRESTOR TABLE		
TABLE IN COMPLIANCE WITH 2015 UPC 609.10		
PIPE SIZE (IN)	FIXTURE UNIT	CROSS REF PDI
1/2	1-11	A
3/4	12-32	B
1	33-60	C
1-1/4	61-113	D
1-1/2	114-154	E
2	155-330	F



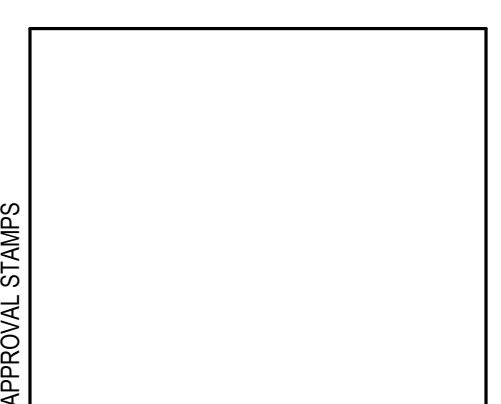
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PROJECT ADDRESS:
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OWNER:
KITSAP BANK 619 BAY STREET PORT ORCHARD, WA 98366



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ISSUE INFORMATION

MARK	DATE	DESCRIPTION
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PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
SCHEDULES

SHEET NO.
P-003

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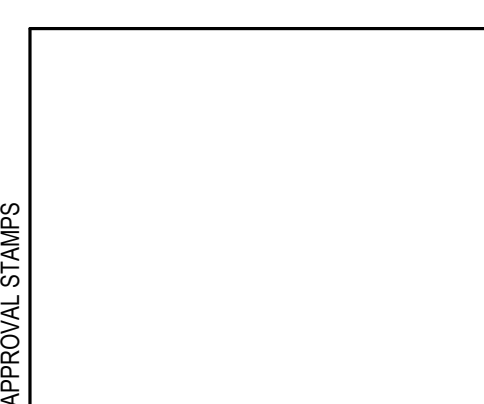


KEY PLAN

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PROJECT ADDRESS:
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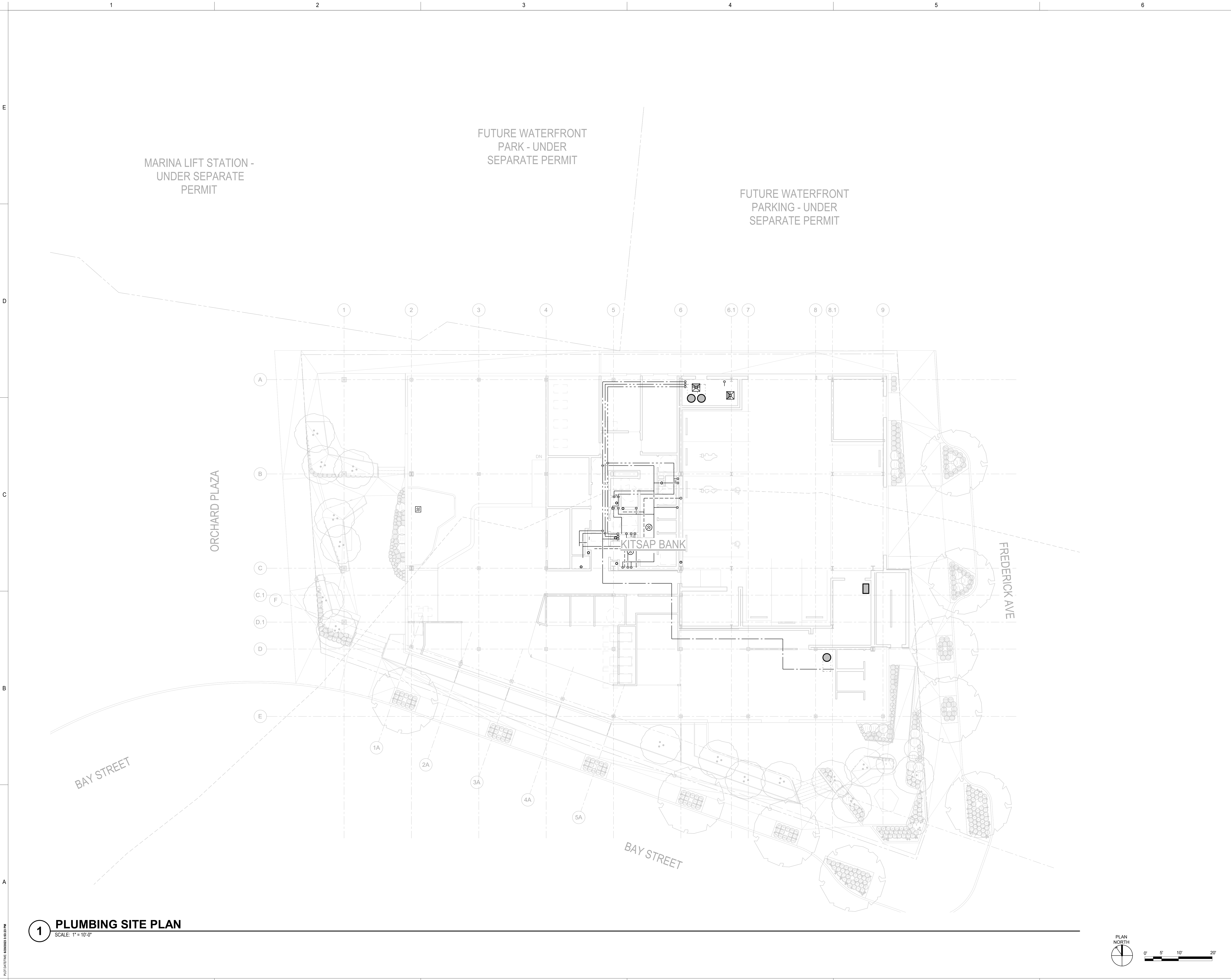
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ISSUE INFORMATION

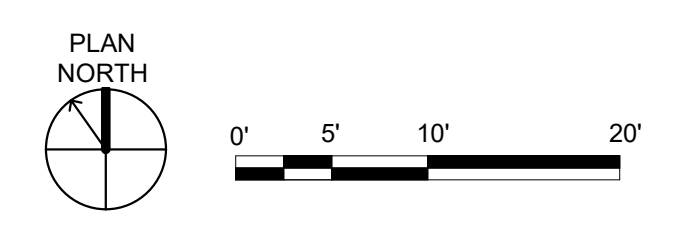
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GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
PLUMBING SITE PLAN

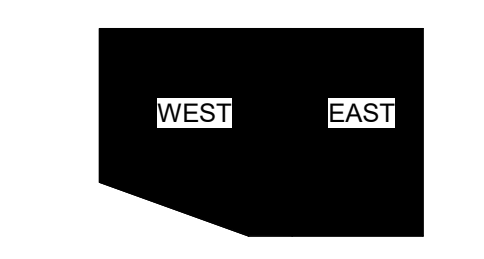
SHEET NO.
P-100



1 PLUMBING SITE PLAN
SCALE: 1" = 10'-0"



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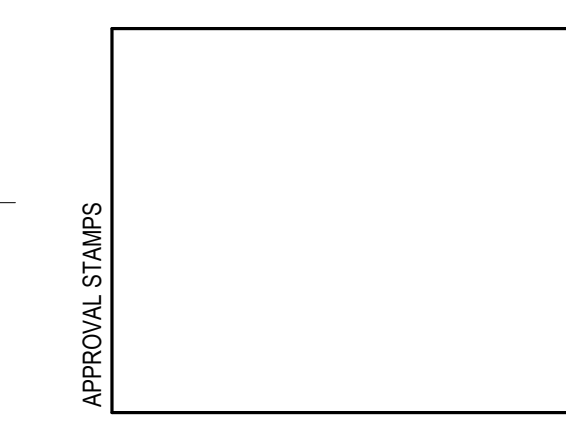


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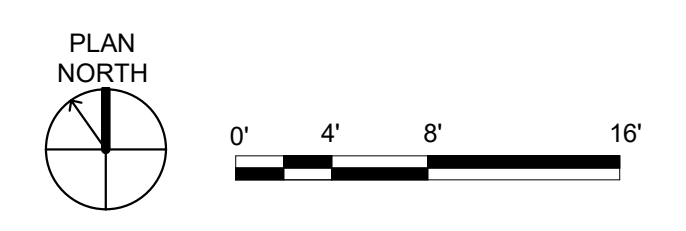
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GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
UNDERGROUND PLAN - PLUMBING

SHEET NO.
P-110

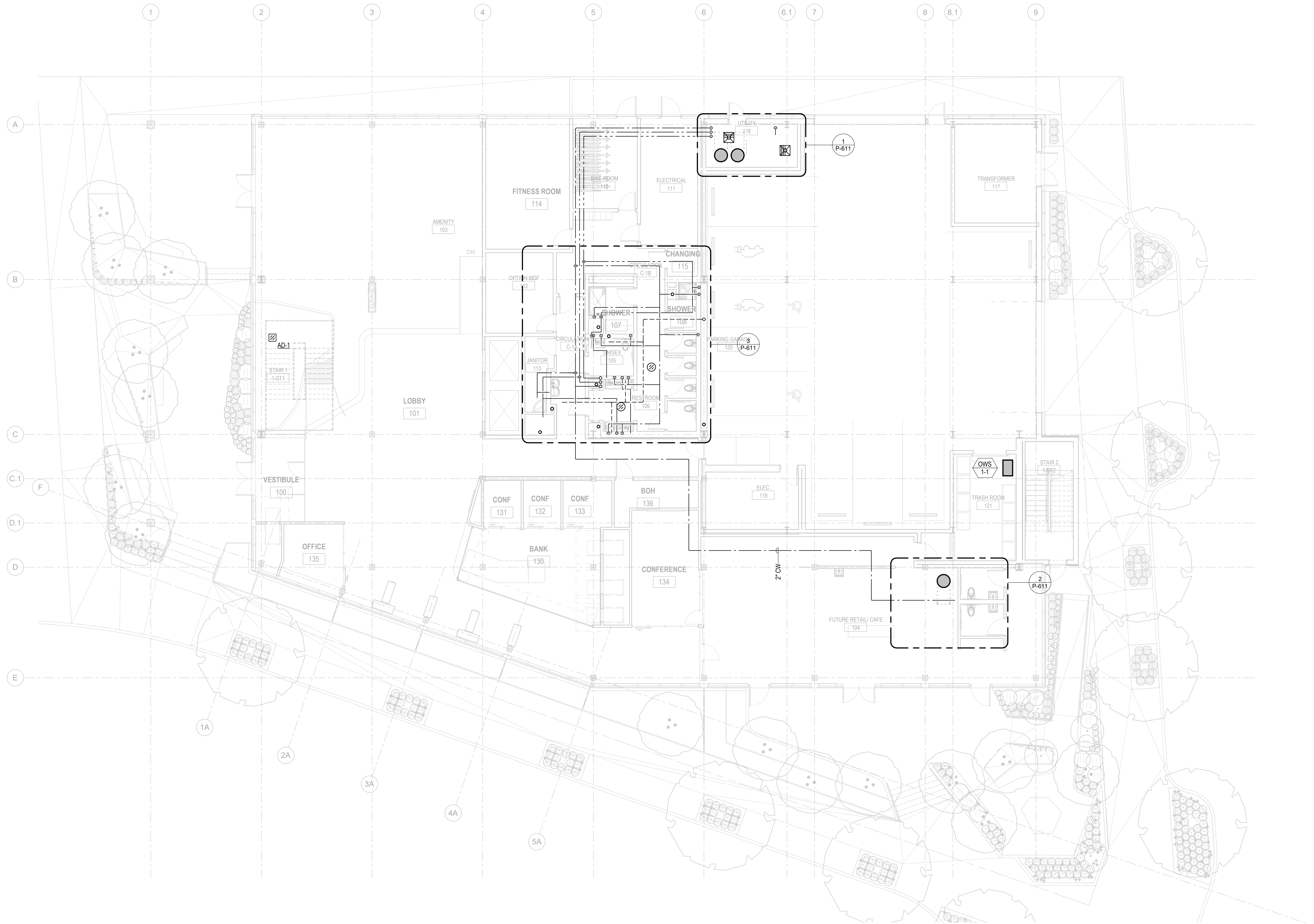


1 UNDERGROUND - FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

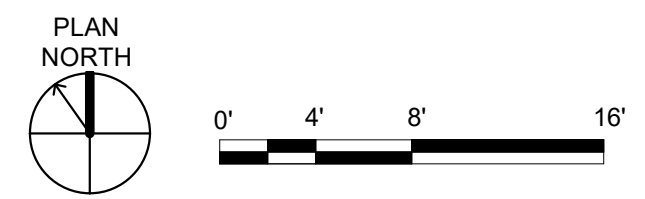


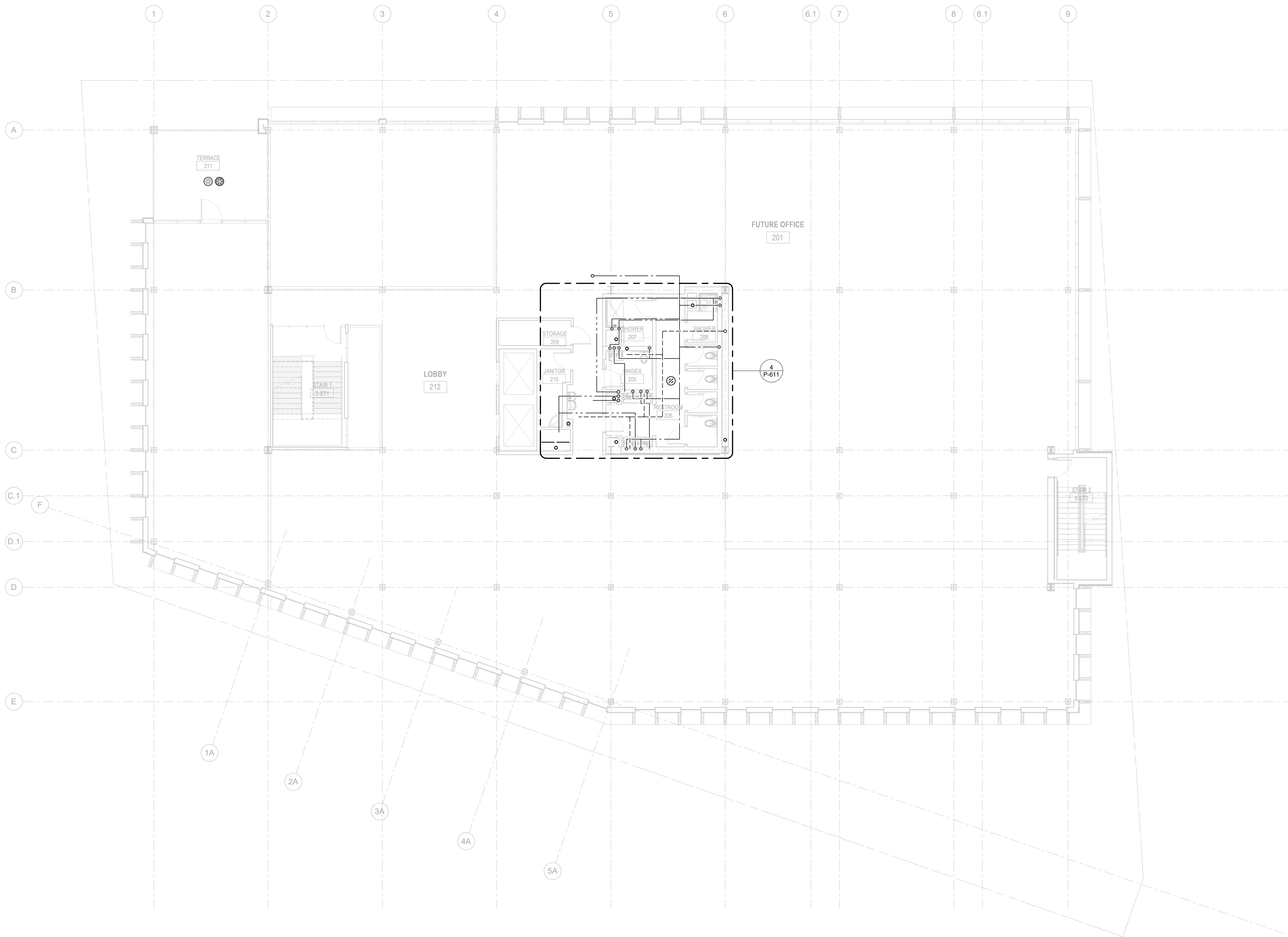
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1 LEVEL 1 - FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"





1 LEVEL 2 - FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

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APPROVAL STAMPS

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GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

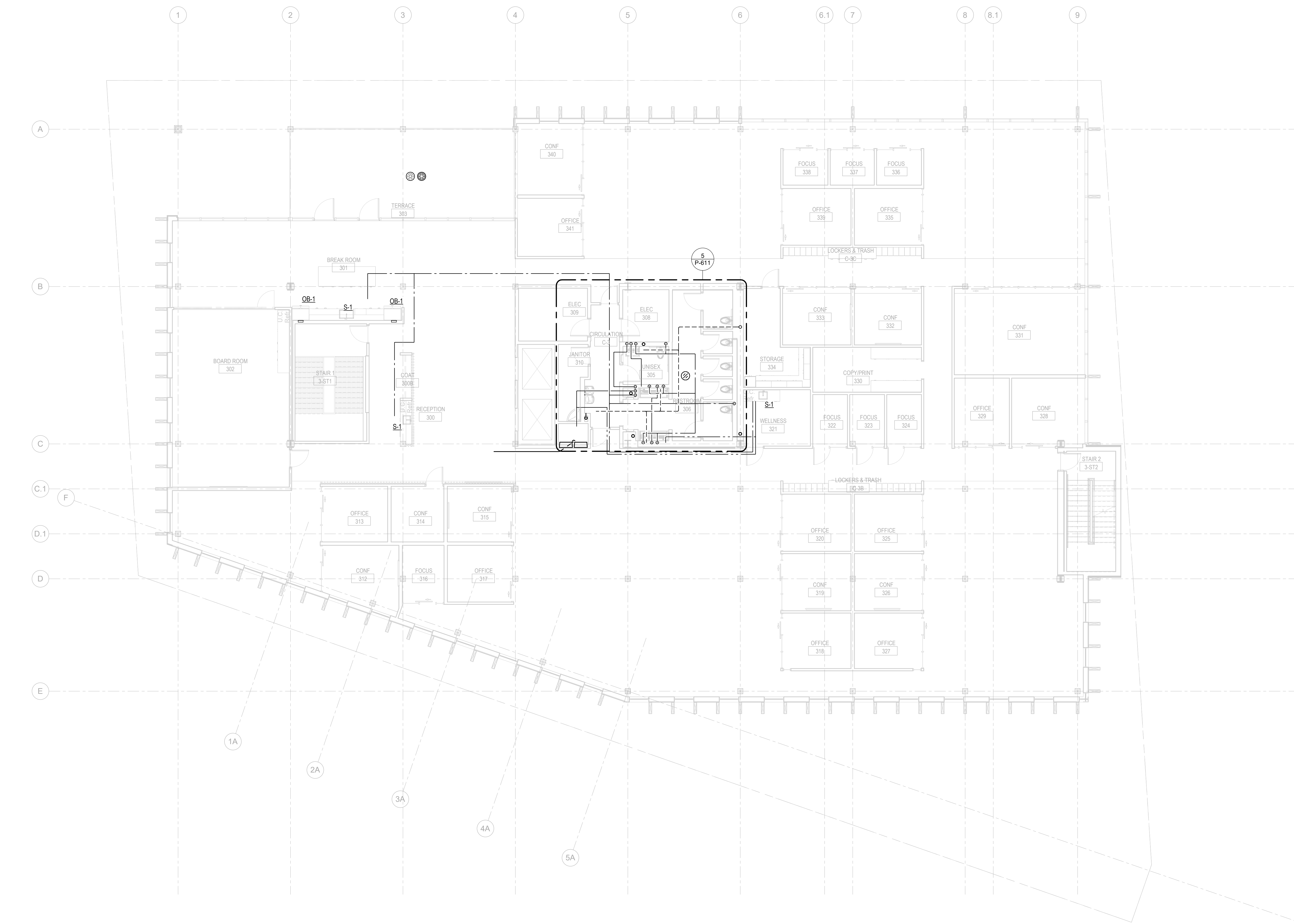
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SHEET TITLE

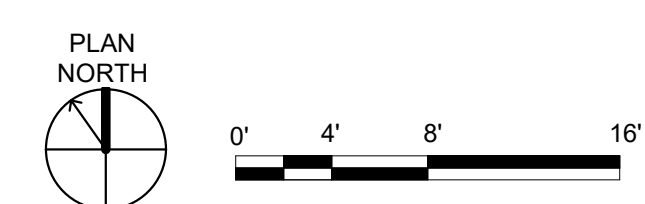
OVERALL FLOOR PLAN - LEVEL 3 - PLUMBING

SHEET NO.

P-113



1 LEVEL 3 - FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"



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GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

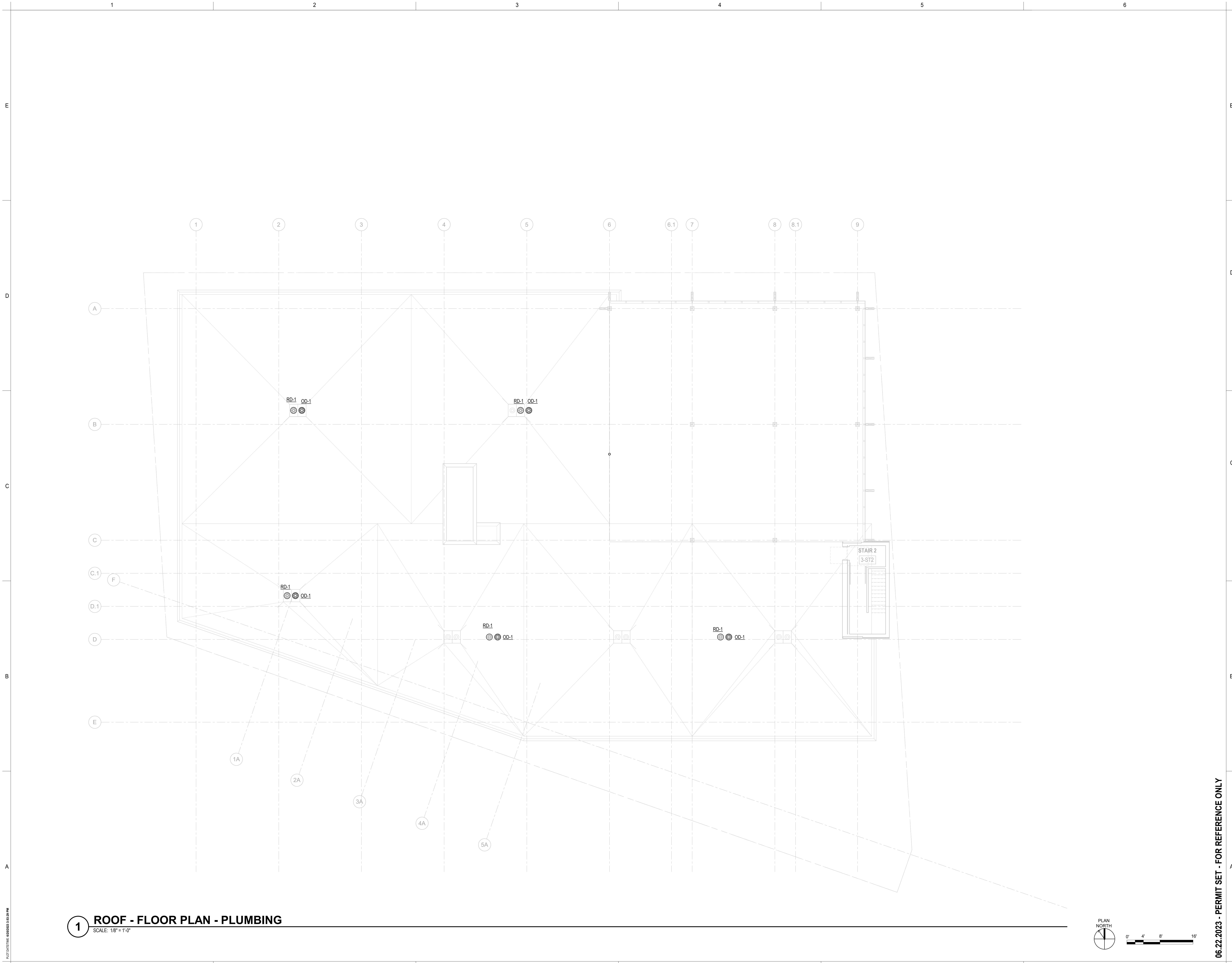
OWNER APPROVAL:

SHEET TITLE
ROOF PLUMBING PLAN

SHEET NO.

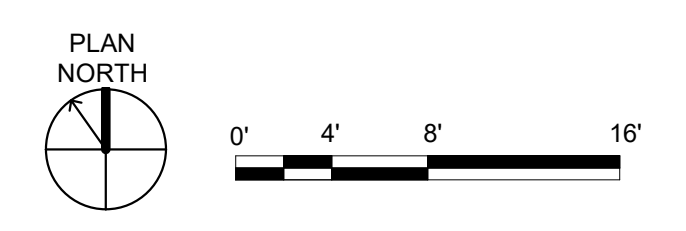
P-114

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1 ROOF - FLOOR PLAN - PLUMBING

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



KEYED NOTES

- 1 PROVIDE ROUGH-INS FOR PLUMBING FIXTURES SHOWN. FIXTURES SHALL BE PROVIDED BY FUTURE INFILL PROJECT

WEST EAST

KEY PLAN

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KITSAP BANK HEADQUARTERS
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APPROVAL STAMPS

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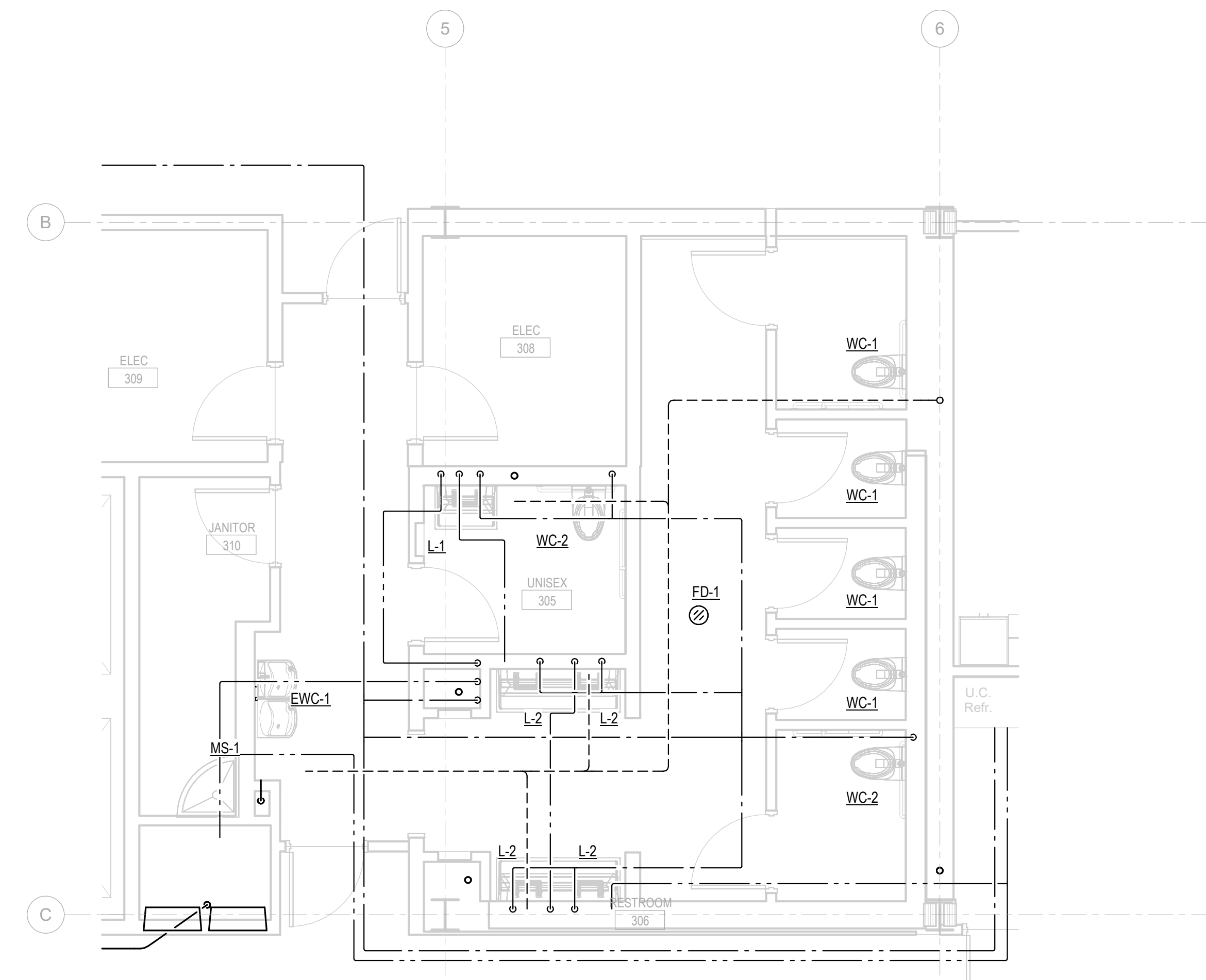
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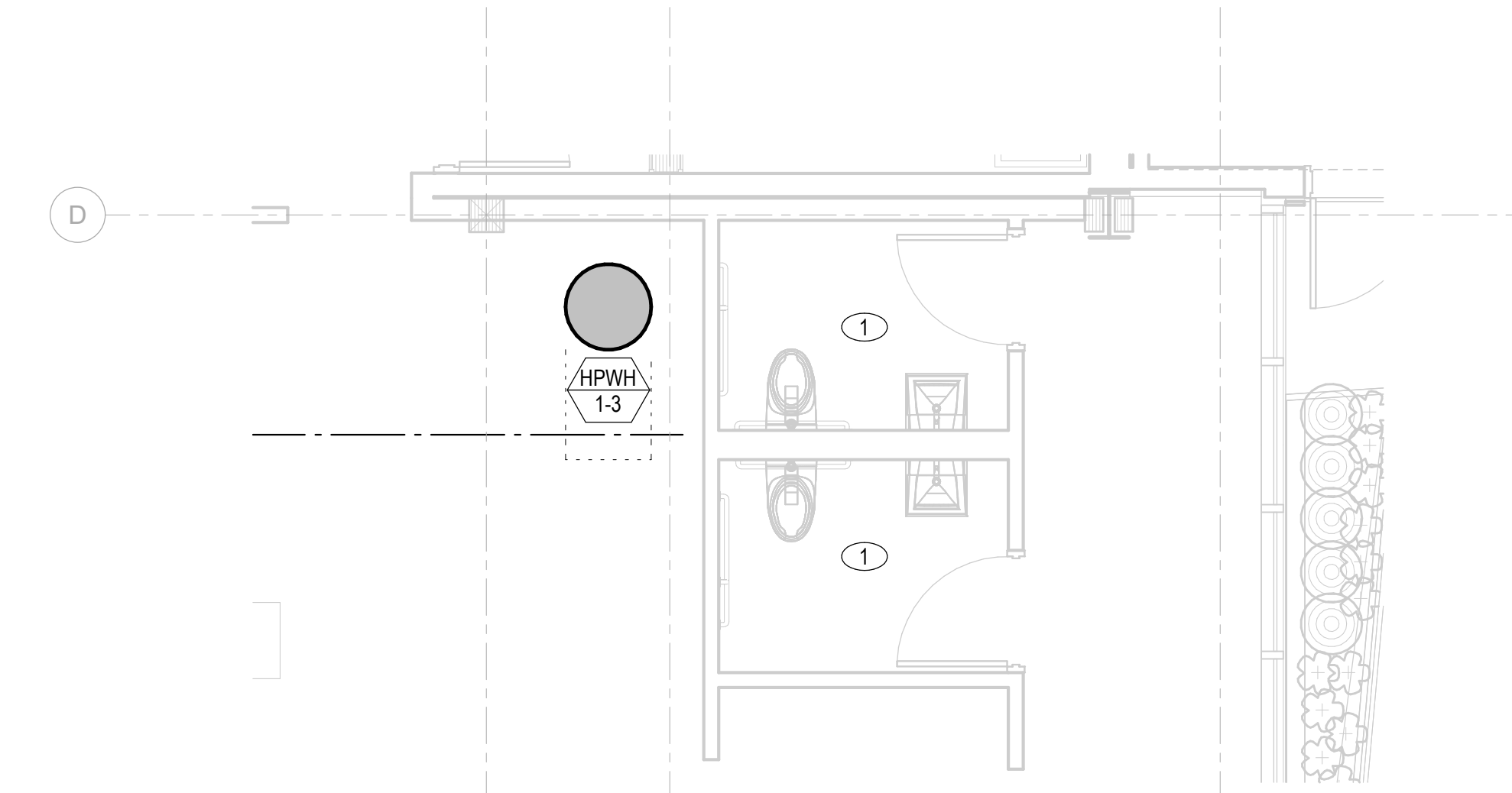
PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: JF
GGLO PROJECT MANAGER: MP
OWNER APPROVAL:

SHEET TITLE
ENLARGED PLUMBING PLANS

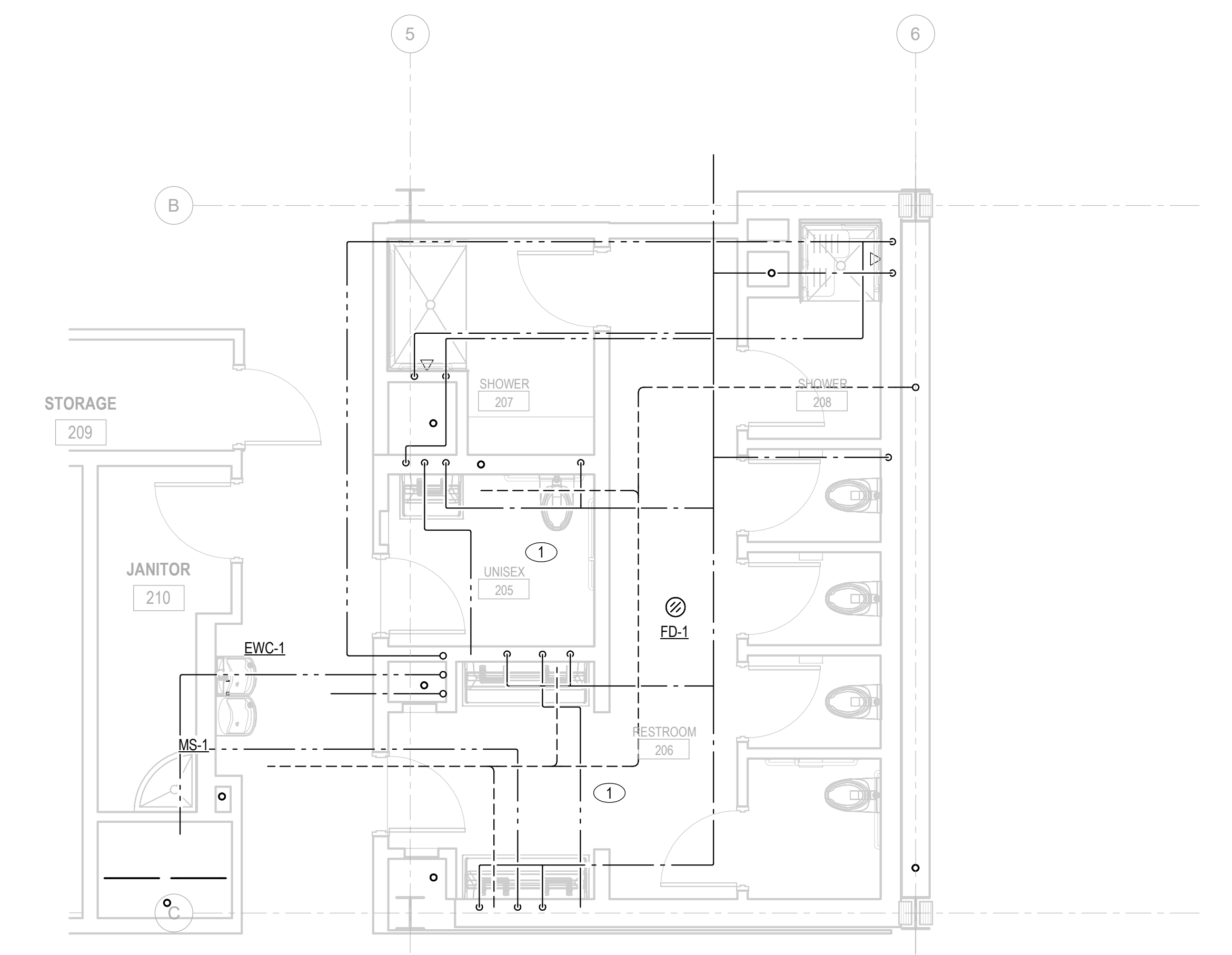
SHEET NO.
P-611



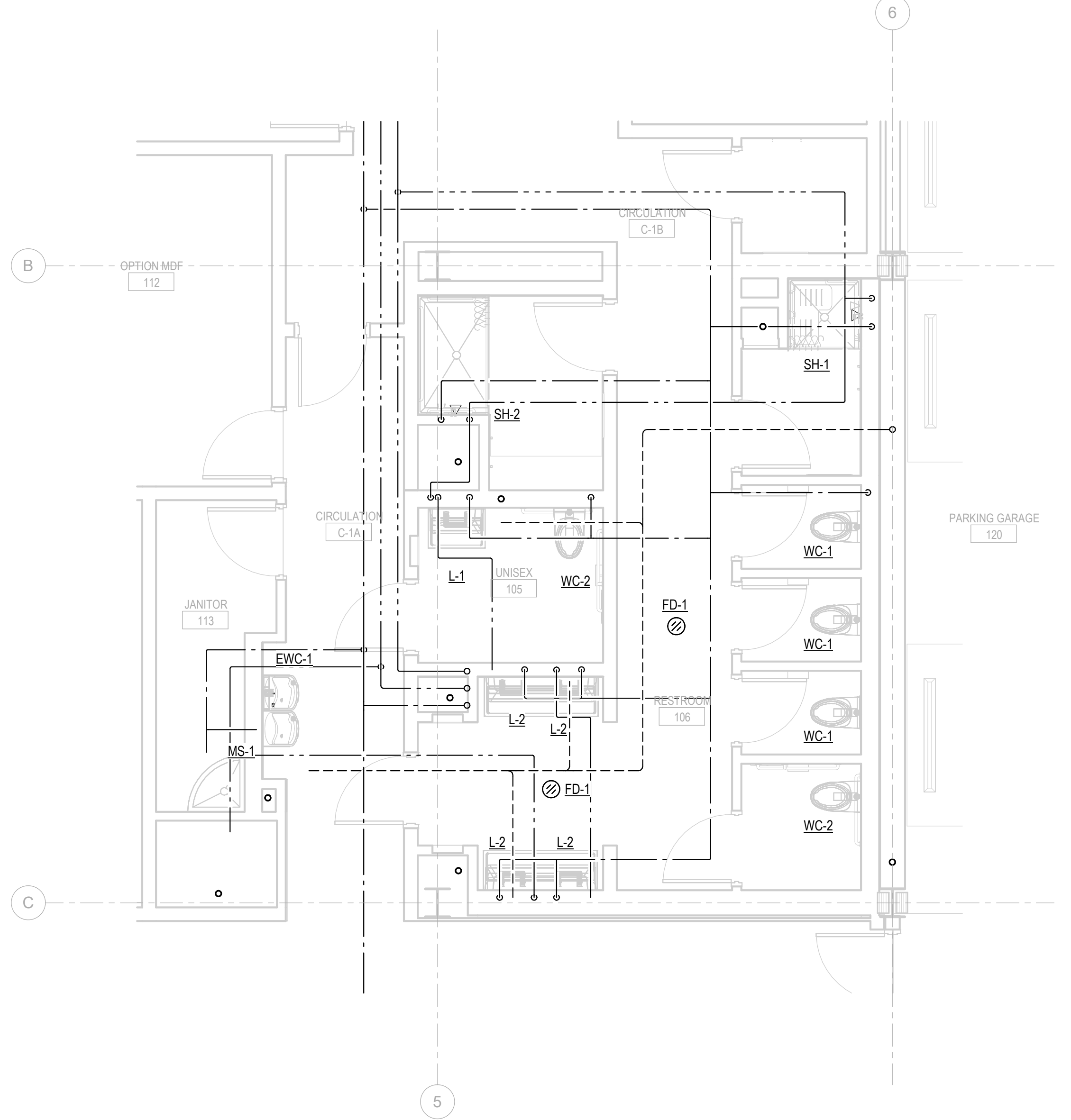
5 LEVEL 3 - FLOOR PLAN - PLUMBING - ENLARGED RESTROOM
SCALE: 1/4" = 1'-0"



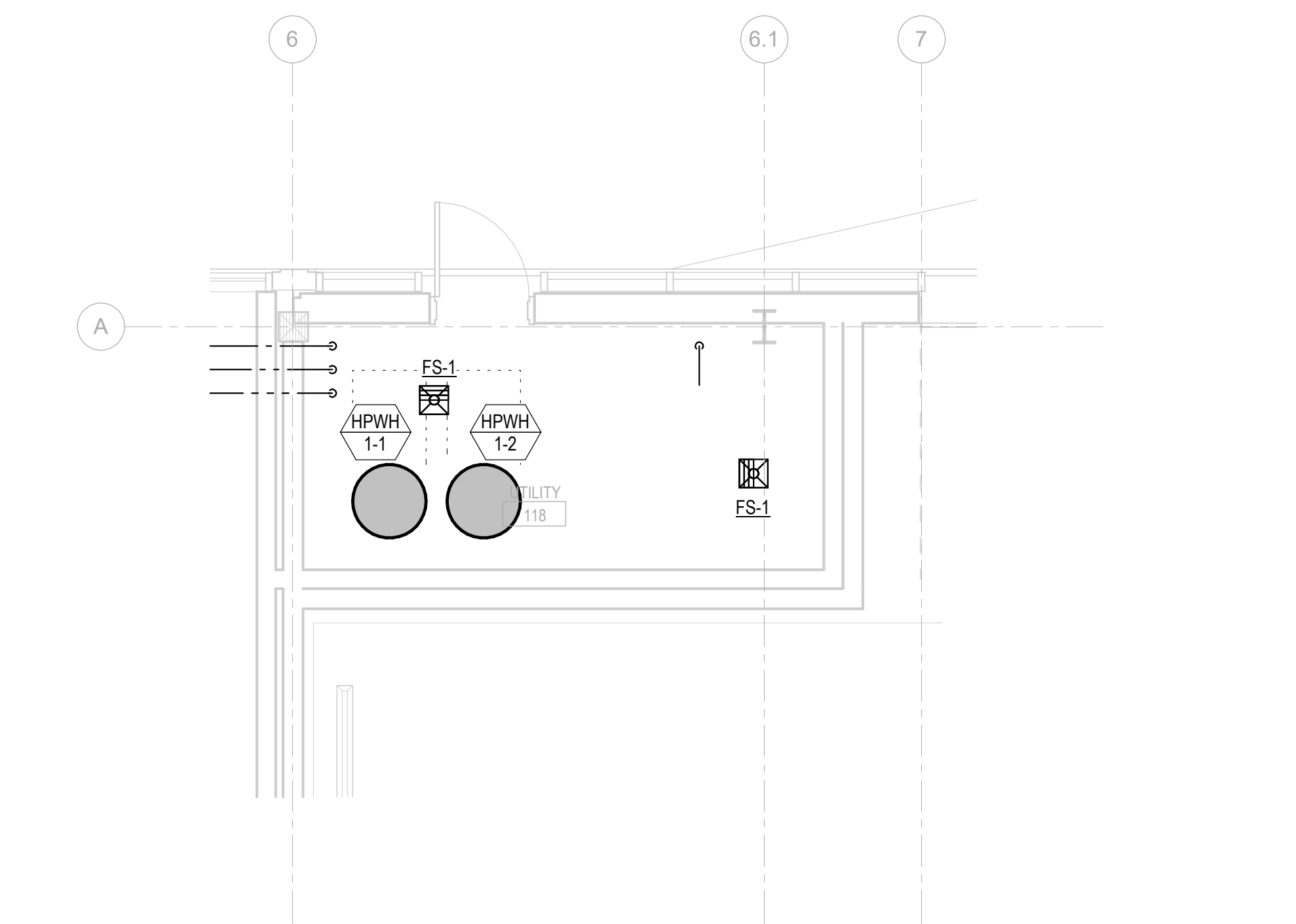
2 LEVEL 1 - FLOOR PLAN - PLUMBING - ENLARGED RETAIL
SCALE: 1/4" = 1'-0"



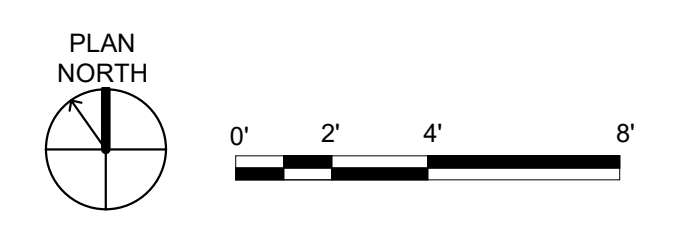
4 LEVEL 2 - FLOOR PLAN - PLUMBING - ENLARGED RESTROOM
SCALE: 1/4" = 1'-0"



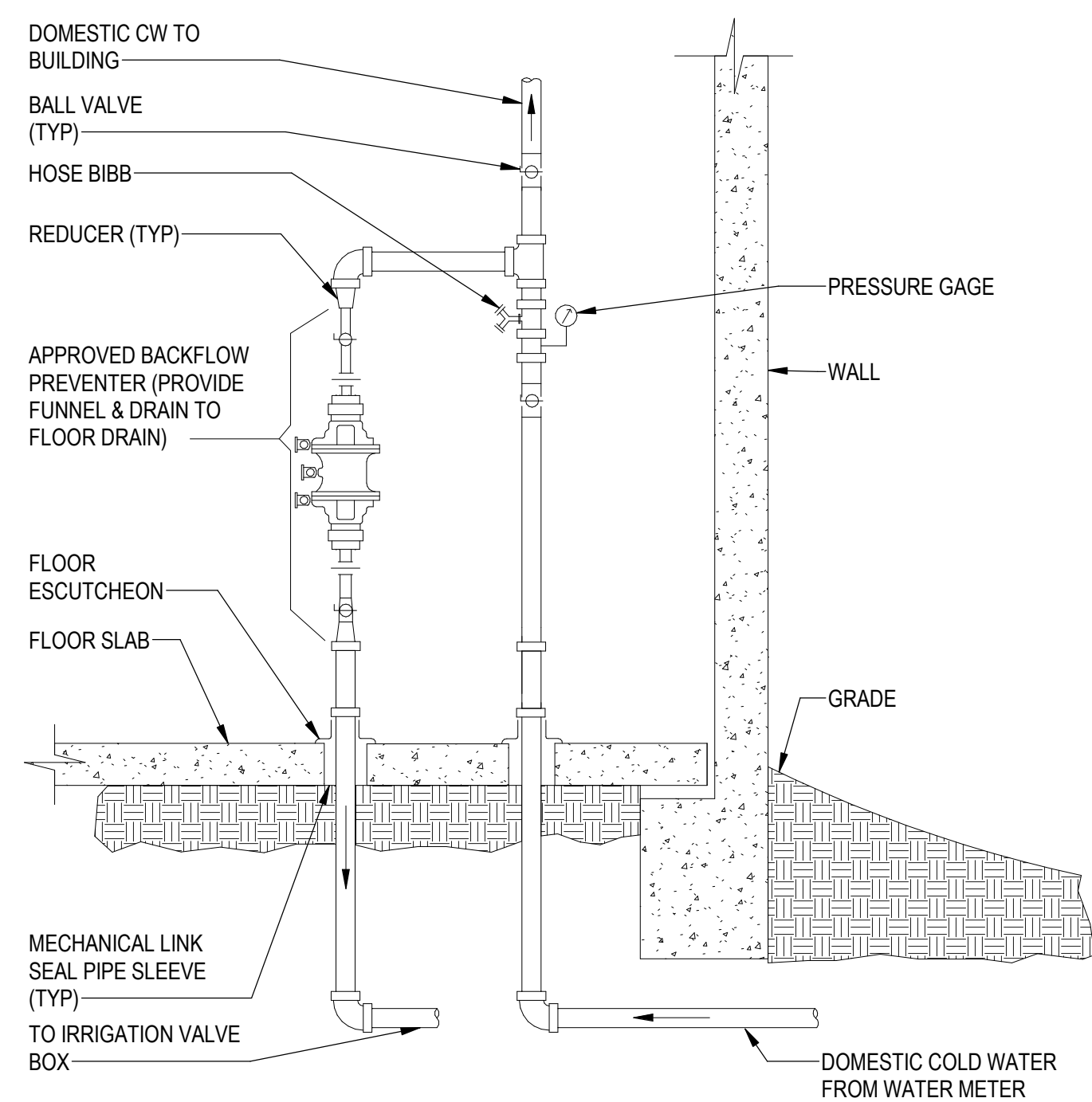
3 LEVEL 1 - FLOOR PLAN - PLUMBING - ENLARGED RESTROOM
SCALE: 1/4" = 1'-0"



1 LEVEL 1 - FLOOR PLAN - PLUMBING - ENLARGED UTILITY RM
SCALE: 1/4" = 1'-0"



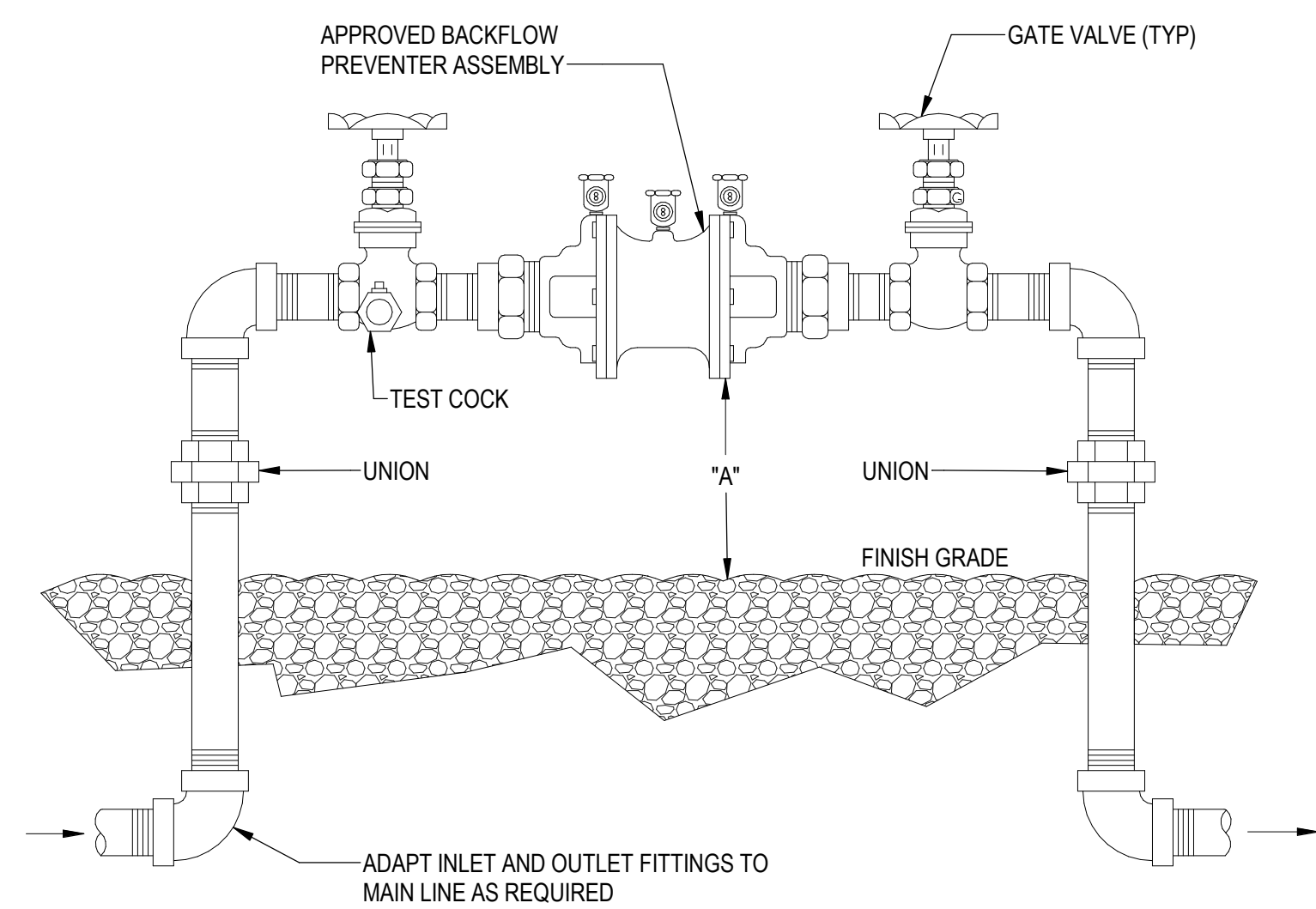
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- NOTES:
1. PIPE SHALL BE TREATED AS REQUIRED BY CODE FOR UNDERGROUND INSTALLATION.
 2. BACKFLOW PREVENTER COULD ALSO BE INSTALLED OUTSIDE OF BUILDING.

10 BACKFLOW PREVENTER-IRRIGATION

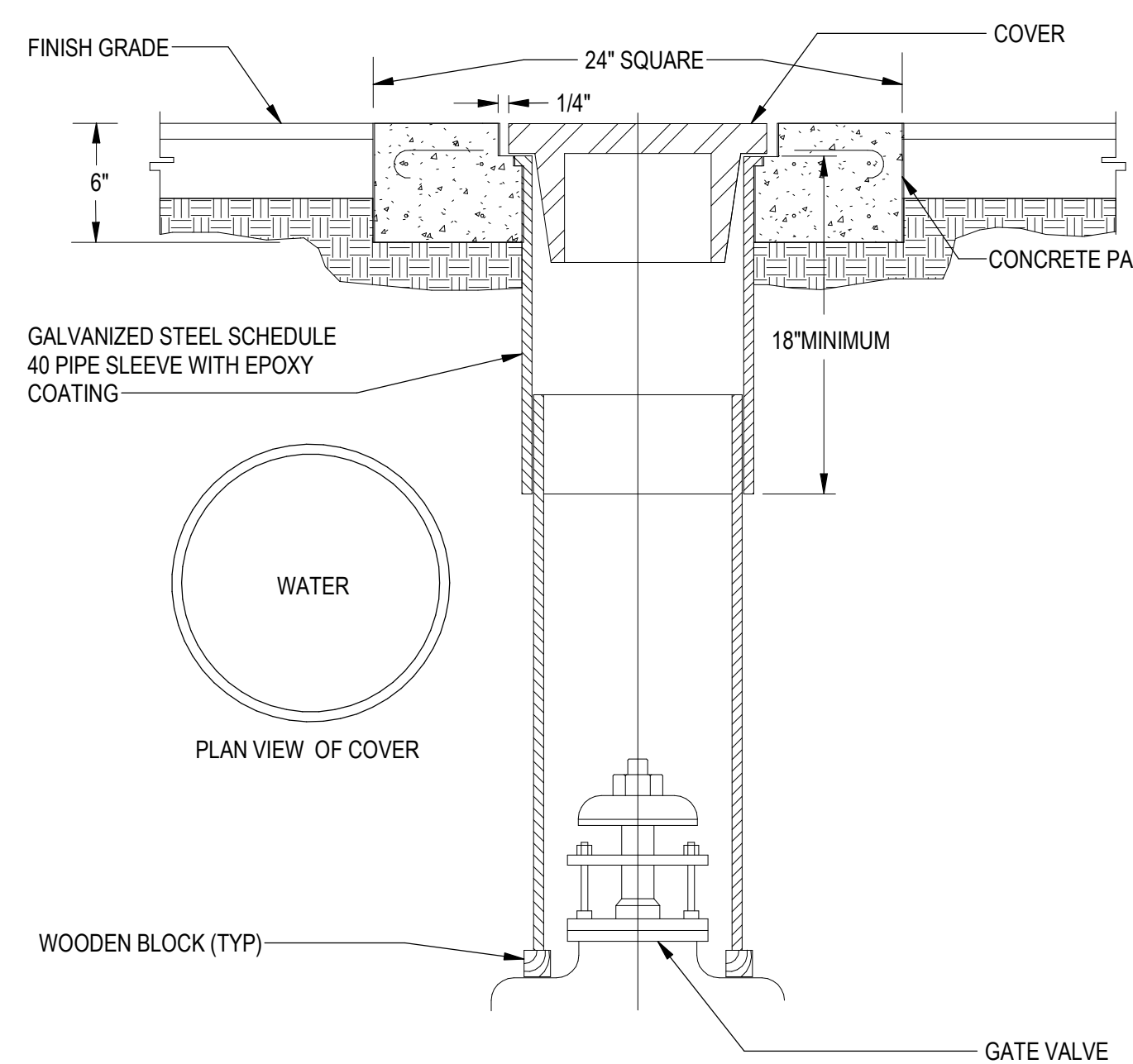
SCALE: NONE



- NOTES:
1. DIMENSION "A" HEIGHT ABOVE GROUND - PER LOCAL CODE
 2. PIPE SHALL BE TREATED AS REQUIRED BY CODE FOR UNDERGROUND INSTALLATION.

9 BACKFLOW PREVENTER

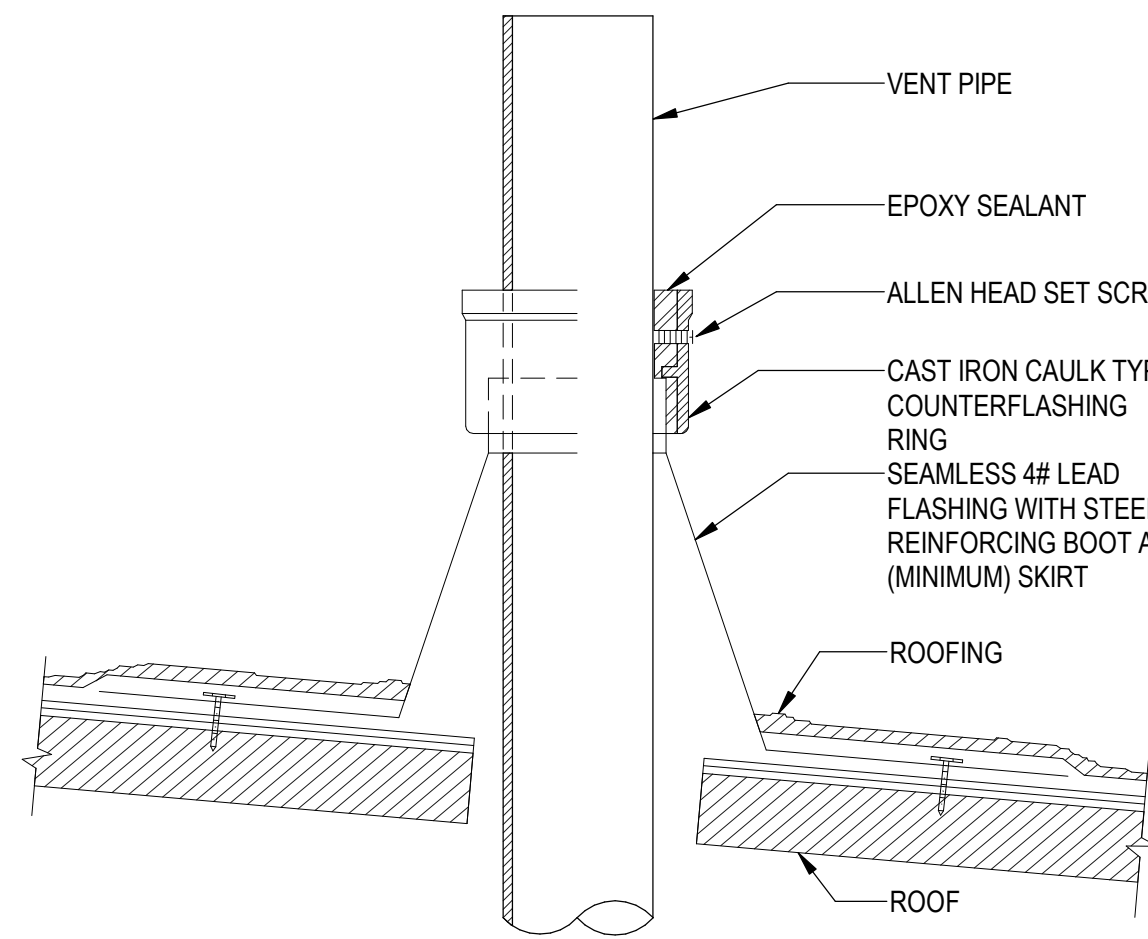
SCALE: NONE



- NOTES:
1. USE 8-INCH VALVE BOX FOR VALVES 8-INCH OR SMALLER.
 2. USE 8-INCH VALVE BOX FOR VALVES GREATER THAN 8-INCHES.
 3. USE CONCRETE PAD IN PAVED AREAS ONLY.
 4. COVER DESIGNATION SHOWN IS FOR DOMESTIC WATER MAINS. FOR FIRE MAINS DESIGNATION SHALL BE ACCORDING TO USAGE.
 5. COORDINATE GRADE WORK WITH GENERAL CONTRACTOR OR CIVIL ENGINEER.

8 VALVE BOX

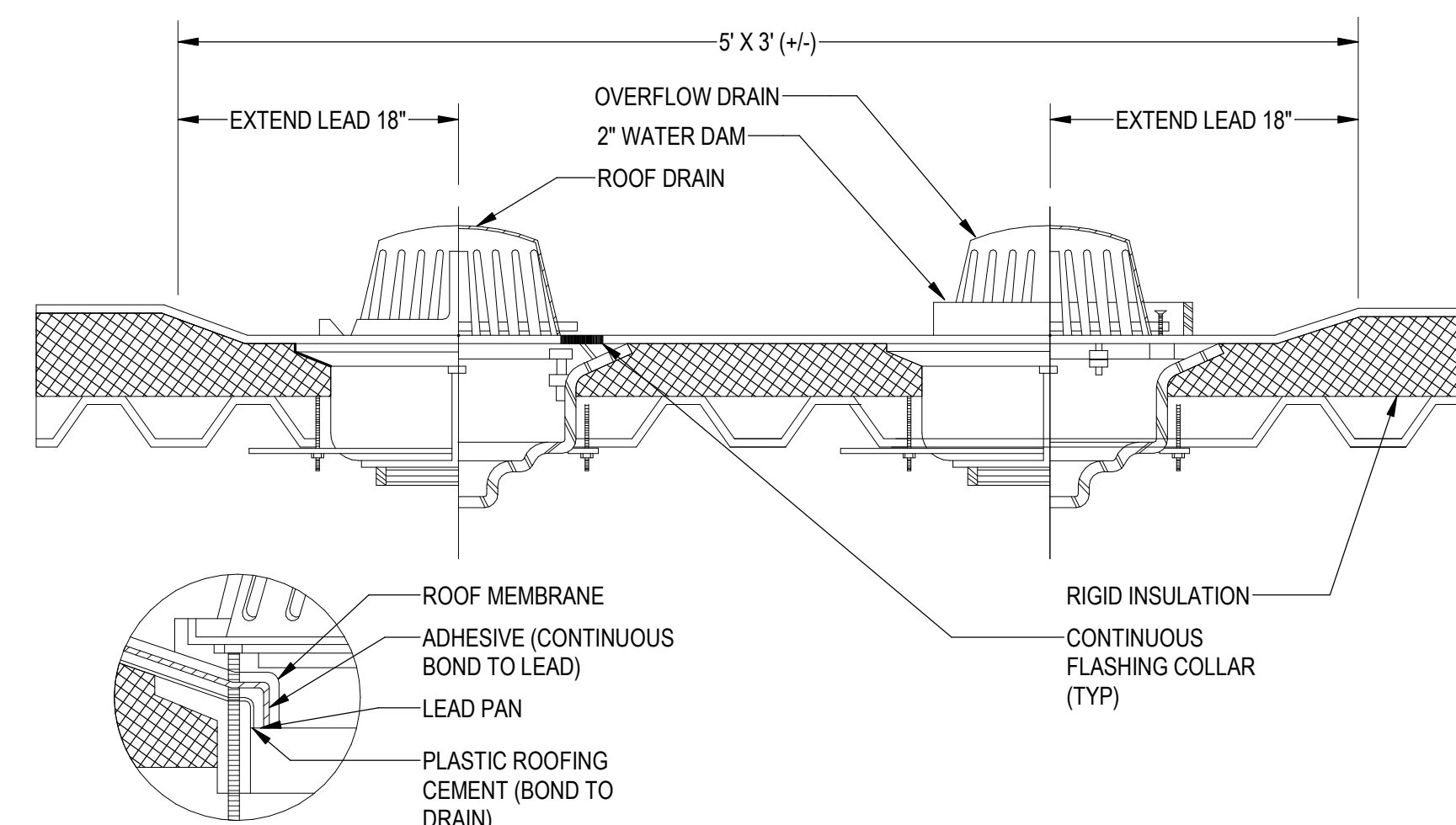
SCALE: NONE



- NOTES:
1. REFER ARCHITECTURAL PLANS AND ROOFING SYSTEM FOR ADDITIONAL REQUIREMENTS.
 2. VENT SHALL EXTEND THROUGH FLASHING AND TERMINATE VERTICALLY NOT LESS THAN SIX INCHES (152 MM) ABOVE THE ROOF NOR LESS THAN ONE FOOT (305 MM) FROM A VERTICAL SURFACE. WHERE LOCATED IN FREEZING CLIMATES THE VENT SHALL TERMINATE NOT LESS THAN TEN INCHES (254 MM) ABOVE ROOF, OR IN ACCORDANCE WITH LOCAL AHJ.
 3. VENT SHALL TERMINATE NOT LESS THAN TEN FEET (3048 MM) FROM, OR NOT LESS THAN THREE FEET (914 MM) ABOVE AN OPERABLE WINDOW, DOOR, OPENING, AIR INTAKE, OR VENT SHAFT, OR NOT LESS THAN THREE FEET (914 MM) IN EVERY DIRECTION FROM A LOT LINE, ALLEY OR STREET. FOR HEALTHCARE FACILITIES EACH VENT SHALL TERMINATE NOT LESS THAN TWENTY-FIVE FEET (7620 MM) FROM ANY AIR INTAKE OR VENT SHAFT.

7 VTR FLAT ROOF-LEAD

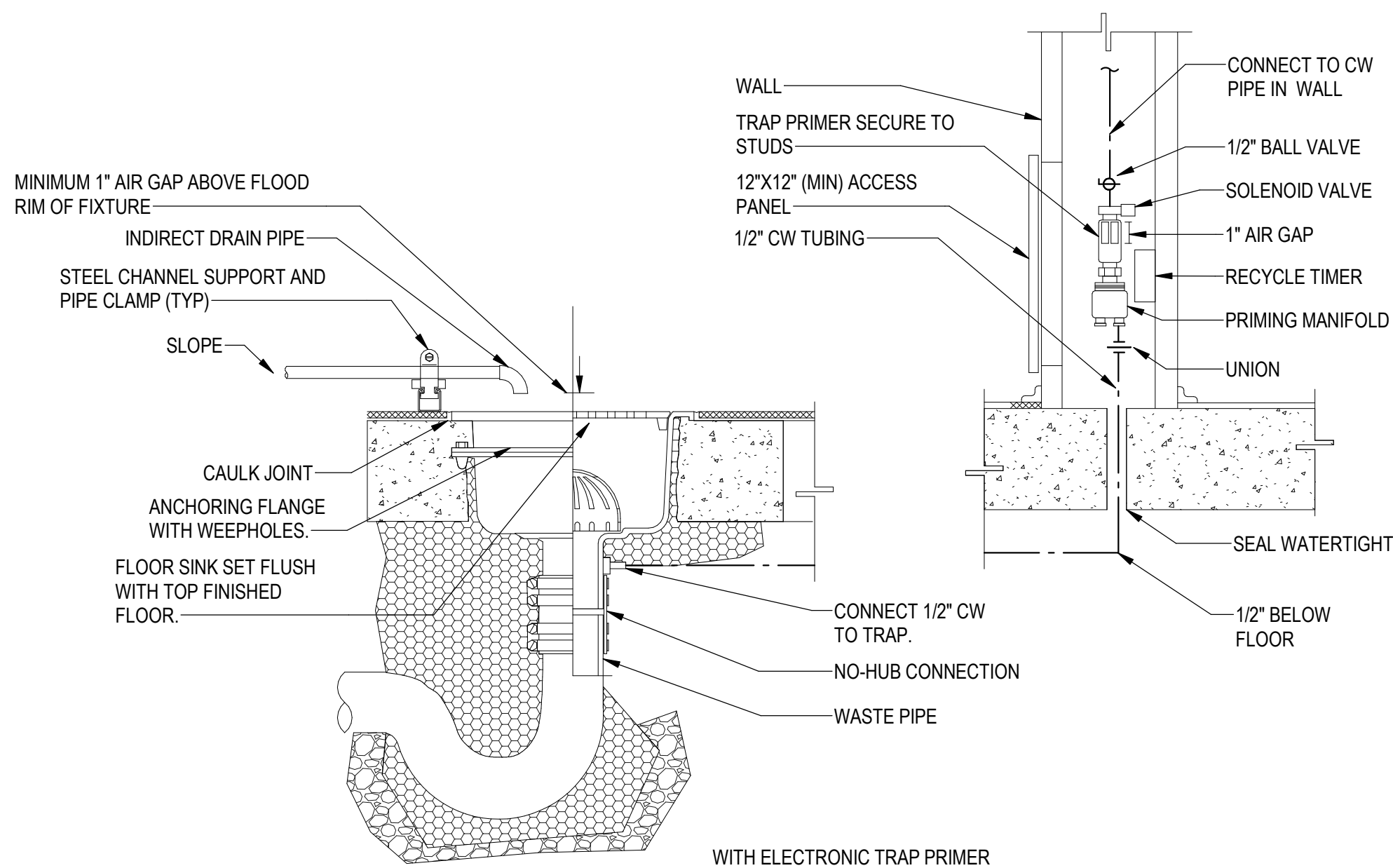
SCALE: NONE



- NOTES:
1. REFER TO PLANS FOR SIZES AND CONTINUATION.
 2. LEAD PAN BY PLUMBING INSTALLER.

6 ROOF AND OVERFLOW DRAINS

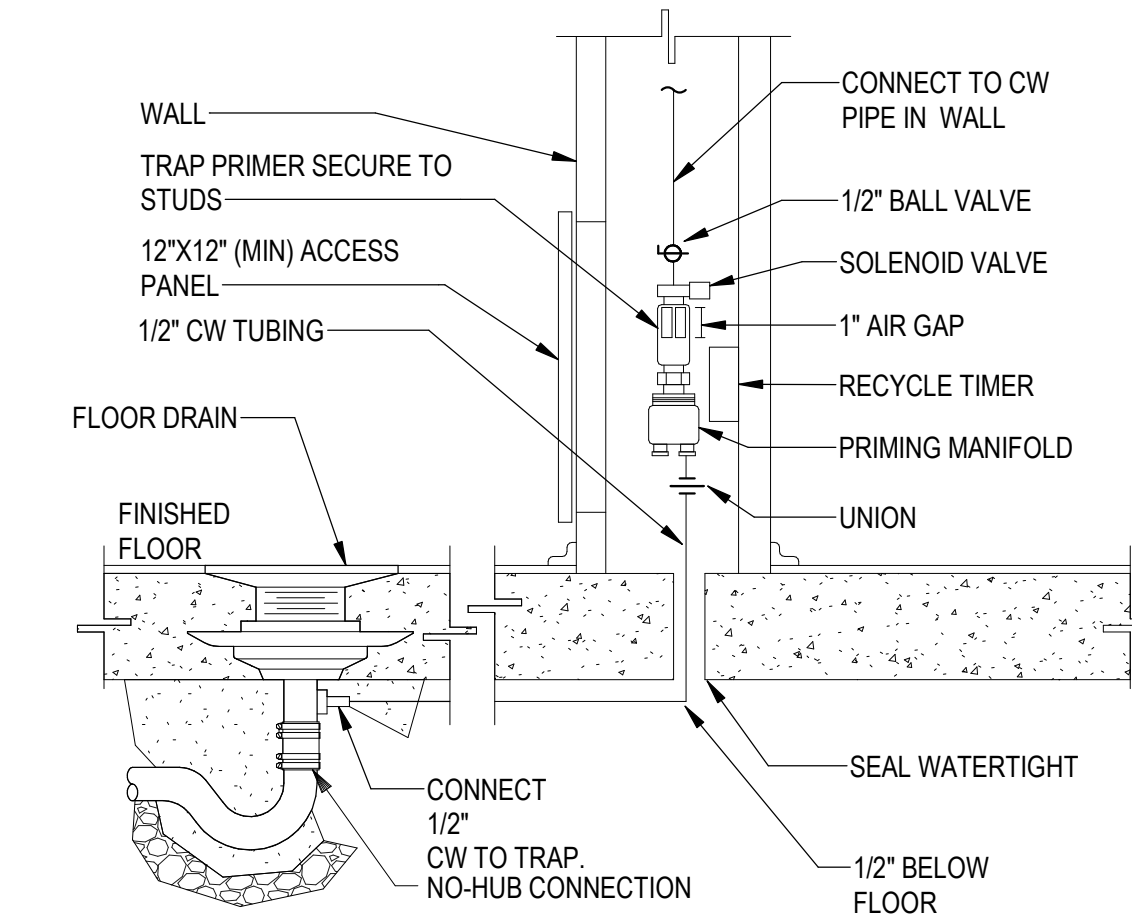
SCALE: NONE



- NOTES:
1. REFER TO PLANS FOR SIZES AND CONTINUATION.
 2. ELECTRONIC "MINI-PRIME" TRAP PRIMER BY PRECISION PLUMBING PRODUCTS, INC. MODEL #MP-500, OR EQUAL, 115 VOLT, SINGLE PHASE. DESIGNED FOR ONE TO FOUR FLOOR SINKS. PROVIDE PRIMING MANIFOLD AS NECESSARY. COORDINATE WITH ELECTRICAL INSTALLER.

5 FLOOR SINK

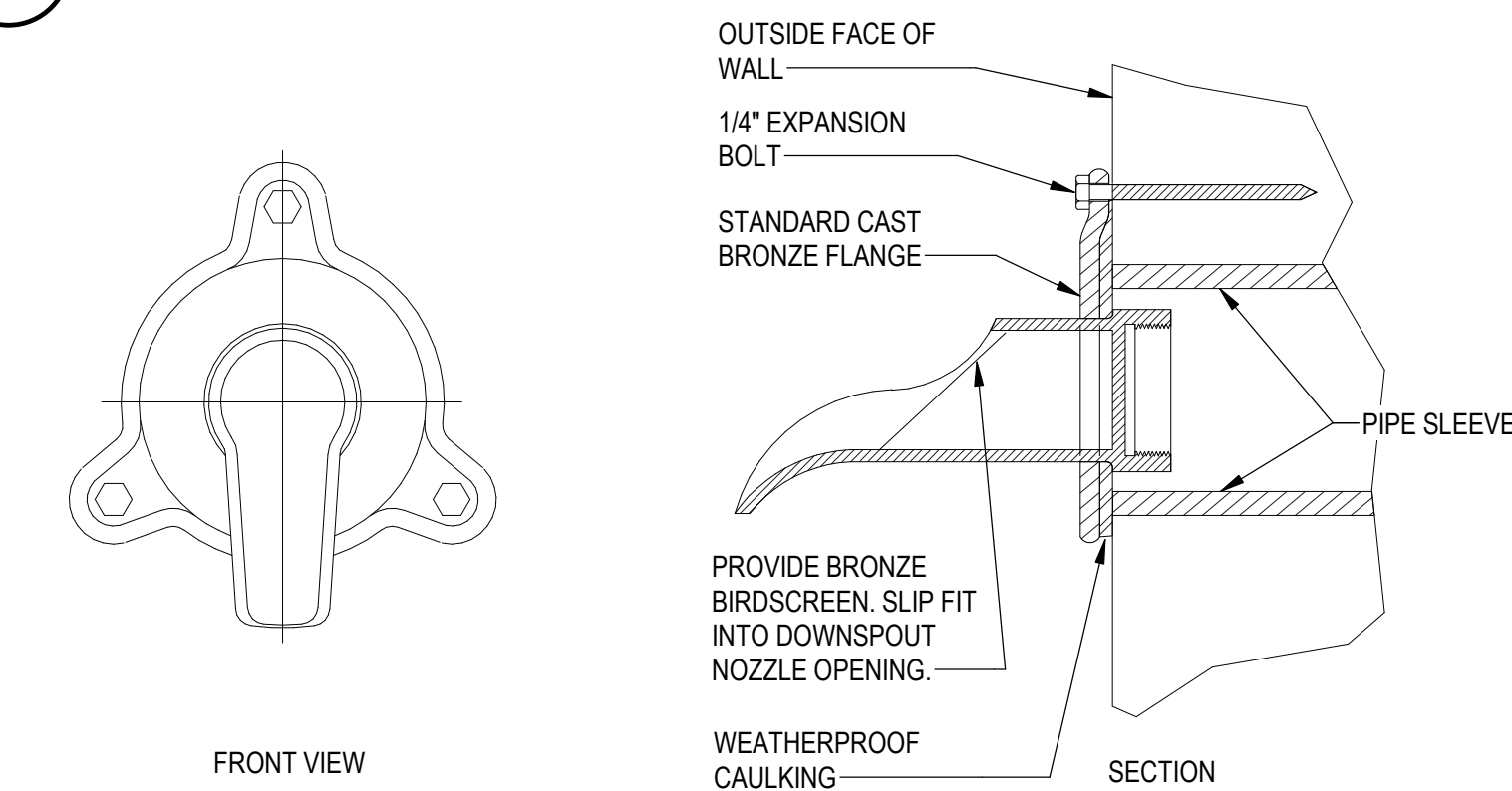
SCALE: NONE



- NOTES:
1. ELECTRONIC "MINI-PRIME" TRAP PRIMER BY PRECISION PLUMBING PRODUCTS, INC. MODEL #MP-500, OR EQUAL, 115 VOLT, SINGLE PHASE. DESIGNED FOR 1 TO 4 FLOOR DRAINS. PROVIDE PRIMING MANIFOLD AS NECESSARY. COORDINATE WITH ELECTRICAL INSTALLER.

4 FLOOR DRAIN WITH ELECTRONIC PRIMER

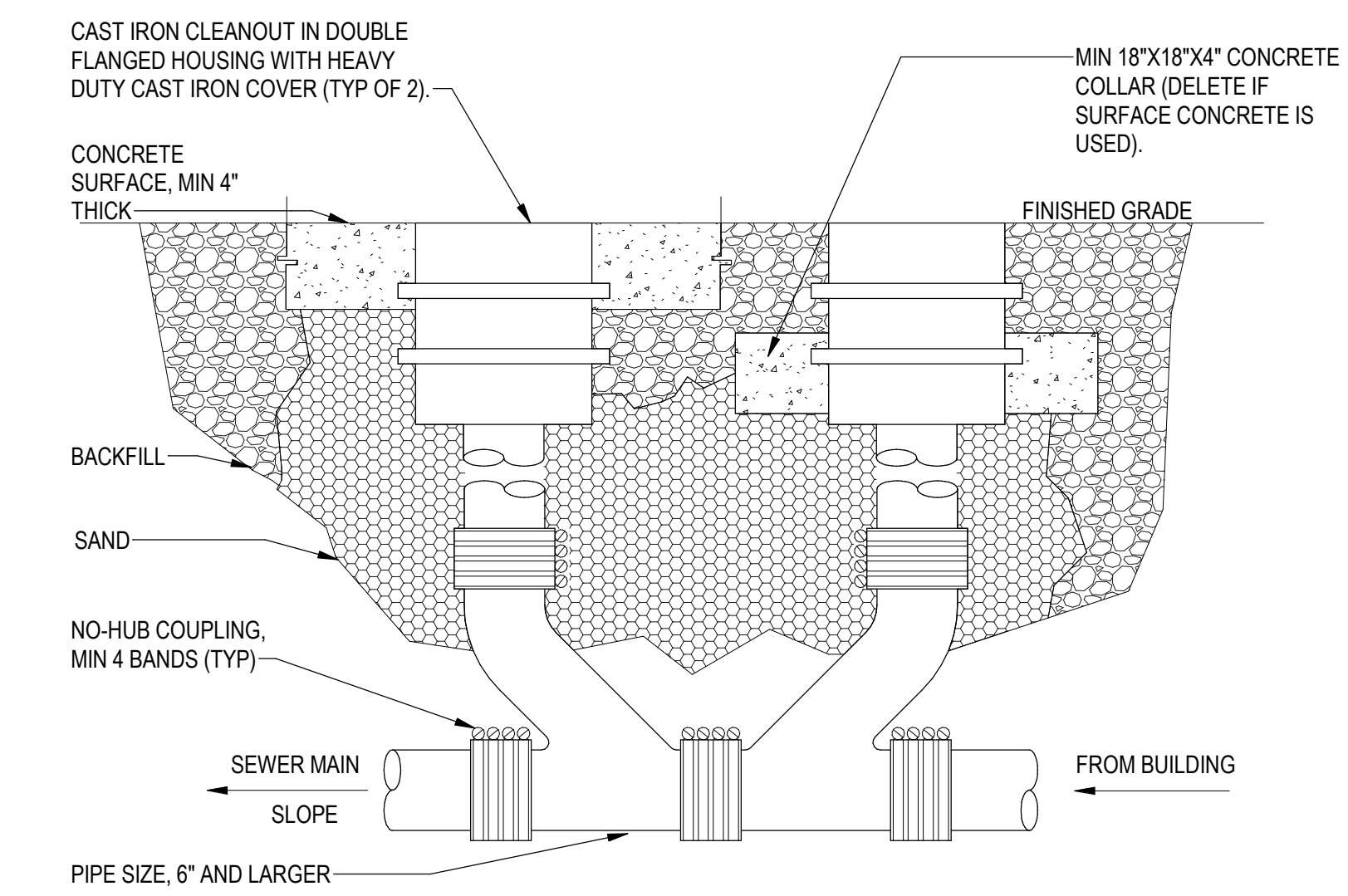
SCALE: NONE



- NOTES:
1. REQUIREMENTS FOR CONCRETE WALL CONSTRUCTION.
 2. CAST BRONZE OVERFLOW NOZZLE.

3 DOWNSPOUT NOZZLE-FRAMED

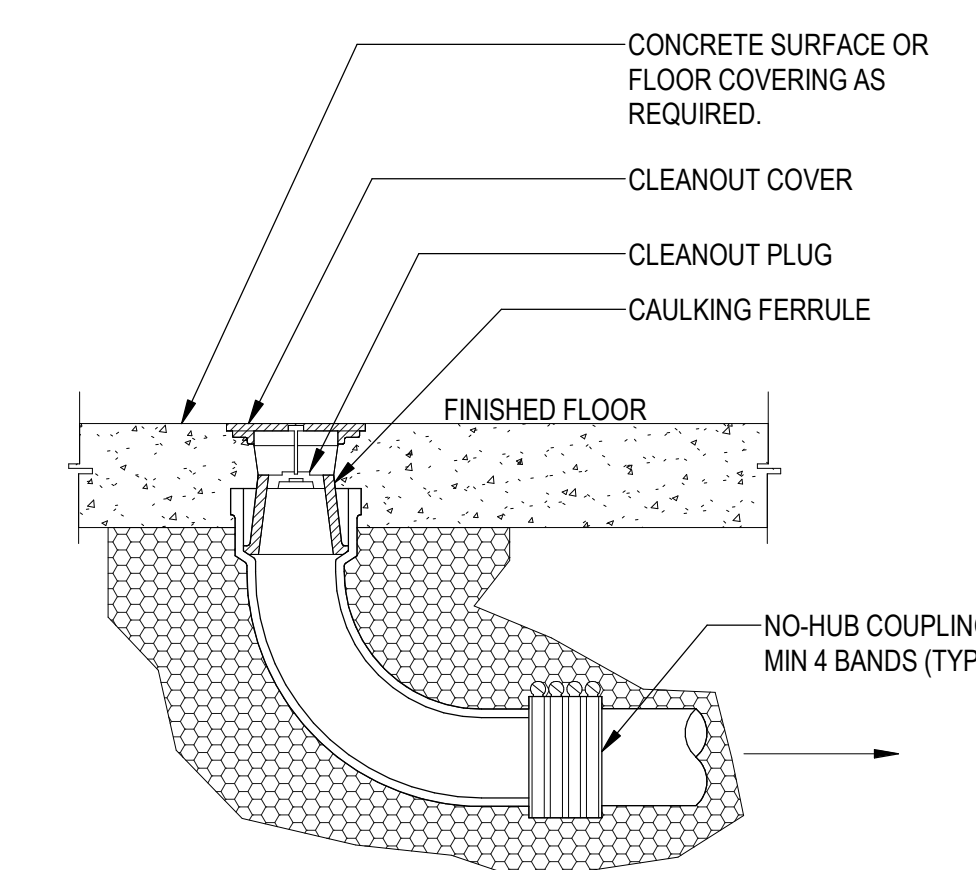
SCALE: NONE



- NOTES:
1. REFER TO PLANS FOR SIZES AND CONTINUATION.
 2. NOT ALLOWABLE FOR PIPE SIZE 4" AND SMALLER.

2 2-WAY CLEANOUT TO GRADE 6 AND UP

SCALE: NONE



- NOTES:
1. REFER TO PLANS FOR SIZES AND CONTINUATION.

1 FLOOR CLEANOUT

SCALE: NONE

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Project Manager: Paul Leavitt
Job No.: 150-23/05/0122

APPROVAL STAMPS

MARK	DATE	DESCRIPTION
REVISIONS		

C	06/22/2023	DO PERMIT PREP
B	02/23/2023	SD PRICE SET
A	03/01/2022	CONCEPT DESIGN PRICE SET

ISSUE INFORMATION

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
PLUMBING DETAILS

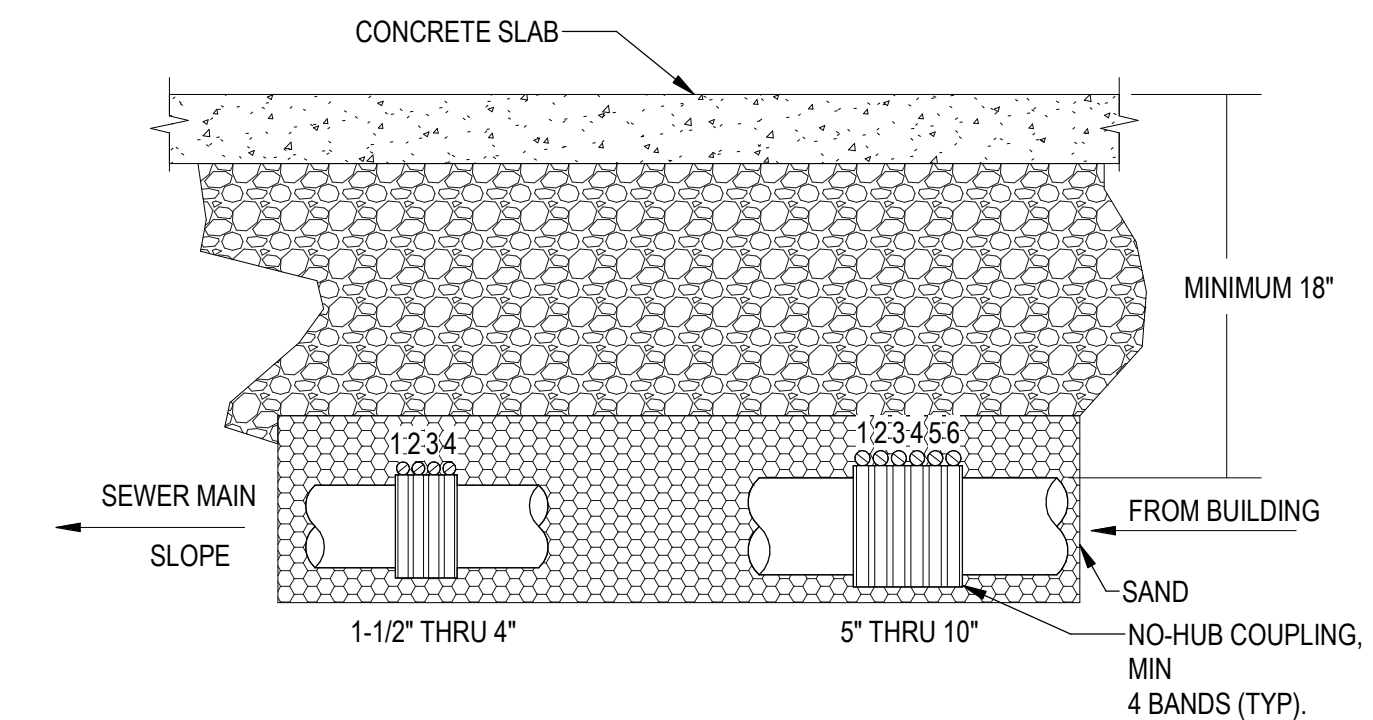
SHEET NO.:
P-911

06.22.2023 - PERMIT SET - FOR REFERENCE ONLY

PROJECT:
KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

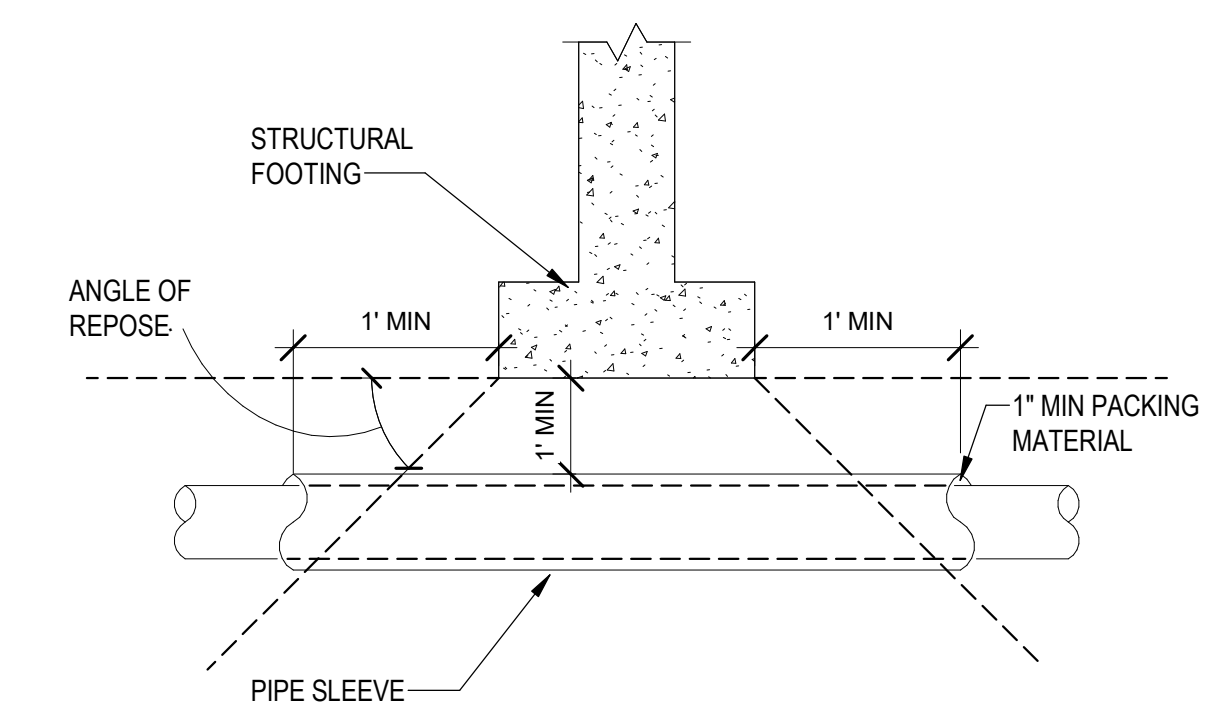
OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**

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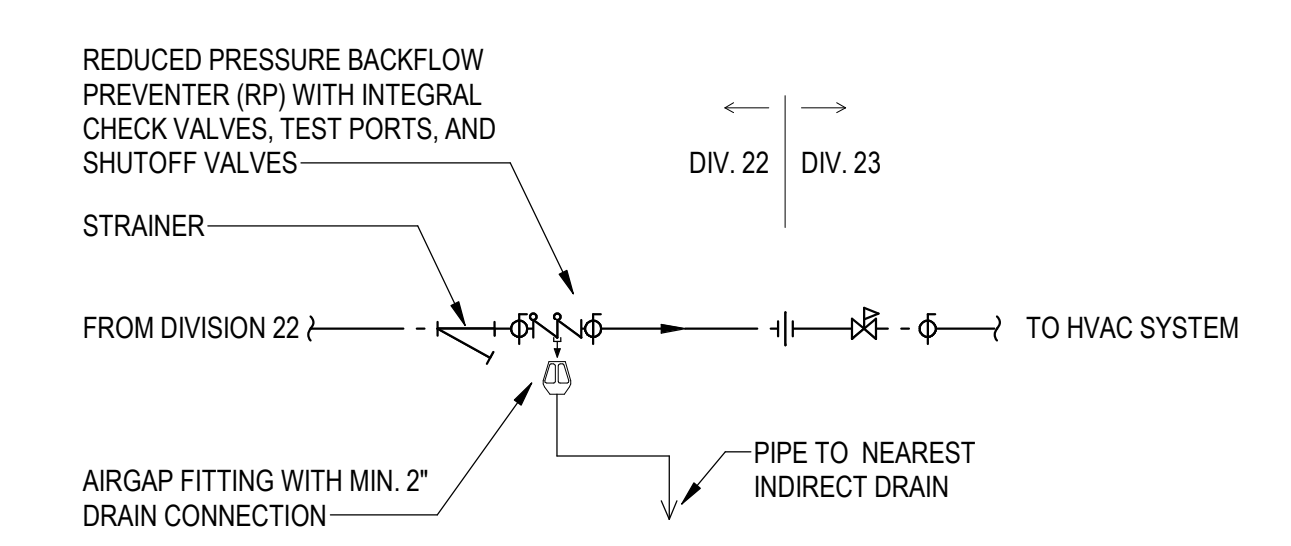
- NOTES:
1. A PROPERLY CALIBRATED TORQUE WRENCH SET AT 80 INCH-LBS, OR AS RECOMMENDED BY MANUFACTURER.
 2. PIPE ENDS SHALL BE CUT SQUARE. PLACE THE NEOPRENE GASKET ON THE END OF ONE PIPE AND THE STAINLESS STEEL CLAMP ASSEMBLY ON THE OTHER END OF THE PIPE OR FITTING TO BE JOINED.
 3. FIRMLY SEAT BOTH ENDS OF THE PIPE/FITTINGS AGAINST THE INTERNALLY MOLDED SHOULDER IN THE CENTER OF THE GASKET.
 4. SLIDE THE CLAMP ASSEMBLY INTO POSITION CENTERED OVER THE GASKET.
 5. COUPLINGS IN 1-1/2", 2", 3" AND 4" HAVE FOUR STAINLESS STEEL SEALING BANDS. TIGHTEN BANDS TO 80 INCH-LBS IN THE FOLLOWING SEQUENCE (STARTING ON THE SIDE WITH THE SMALLER DIAMETER): 2-1-2-1-3-4-3-4-2-1-3-4.
 6. COUPLINGS 5", 6", 8", 10" HAVE SIX STAINLESS STEEL SEALING BANDS. TIGHTEN BANDS TO 80 INCH-LBS IN THE FOLLOWING SEQUENCE (STARTING ON THE SIDE WITH THE SMALLER DIAMETER): 3-2-1-3-2-1-4-5-6-4-5-6-3-2-1-4-5-6.
 7. ONCE THE COUPLING IS INSTALLED AND TORQUED TO 80 INCH-LBS IN THIS TORQUE PATTERN, IT IS NOT NECESSARY TO GO BACK AND RE-TORQUE THE COUPLING.
 8. INSTALLATION SHALL BE SIMILAR FOR ABOVE GRADE PIPE JOINTS.

4 NO-HUB COUPLING
SCALE: NONE



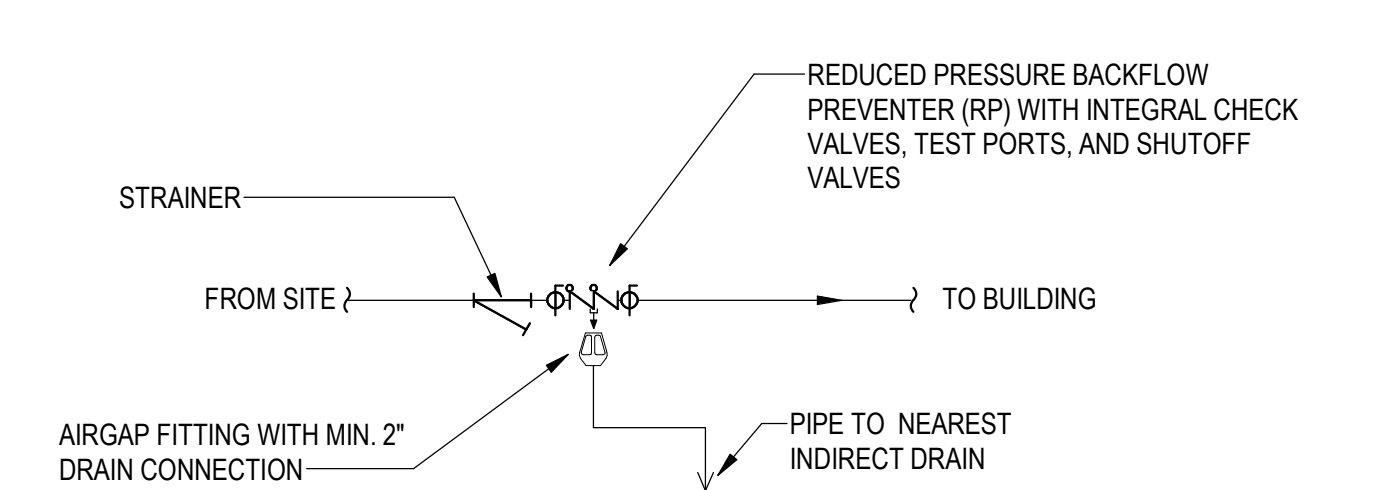
- NOTES:
1. ENSURE SLEEVES EXTEND TO OR BEYOND THE AREA OF INFLUENCE.

3 PIPE SLEEVE UNDER FOOTING
SCALE: NONE



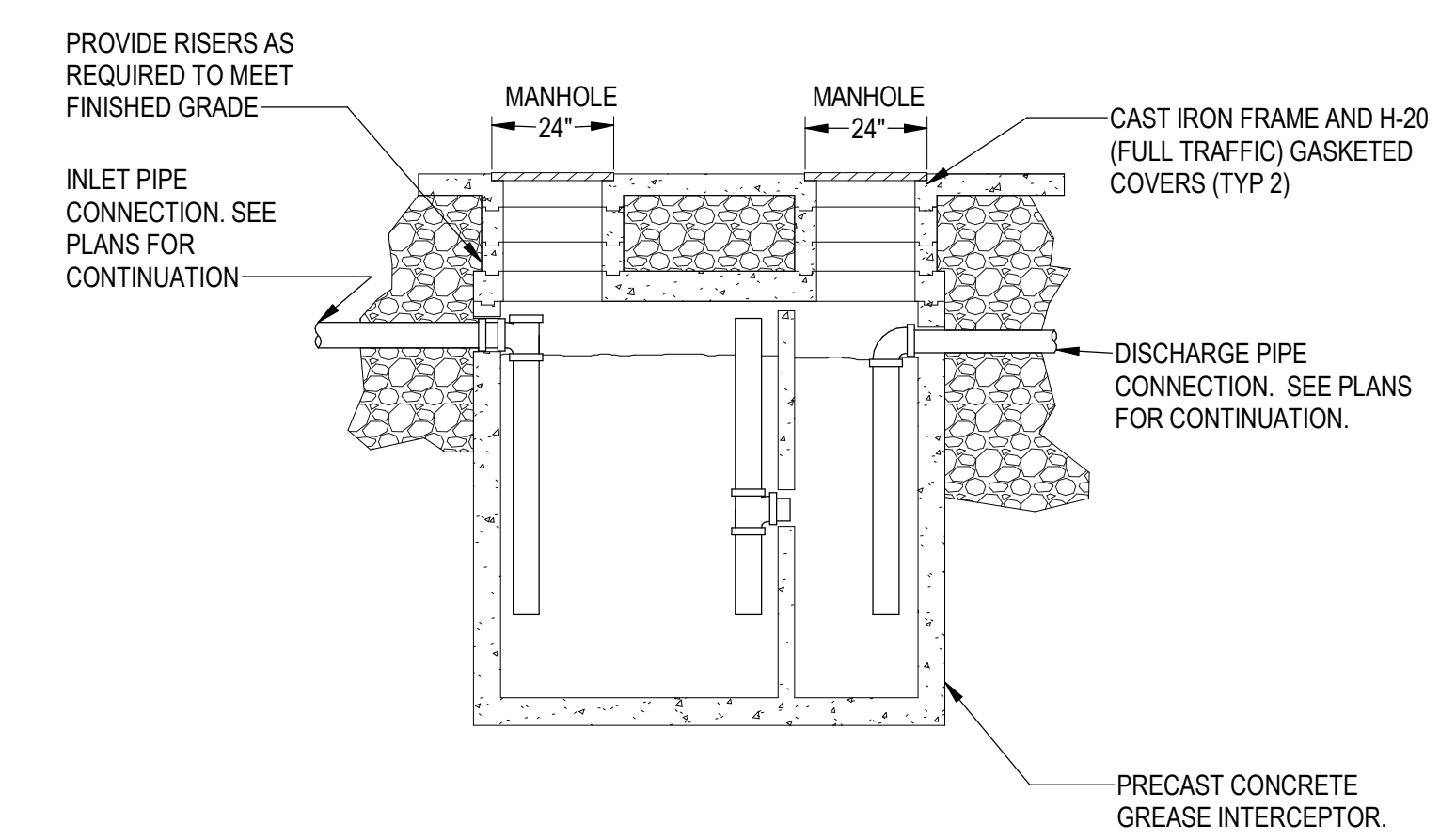
- NOTES:
1. PROVIDE FOR ALL CONNECTIONS BETWEEN DOMESTIC COLD WATER AND HVAC SYSTEM SERVICES.
 2. INSULATE AND HEAT TRACE ALL PIPING AND FITTINGS LOCATED OUTSIDE THE BUILDING IN FREEZING CLIMATES. COORDINATE WITH ELECTRICAL DESIGN.
 3. REFER TO MECHANICAL FOR PRV PRESSURE AND SPECIFICATION.

2 RPBA FOR HVAC CONNECTION
SCALE: NONE



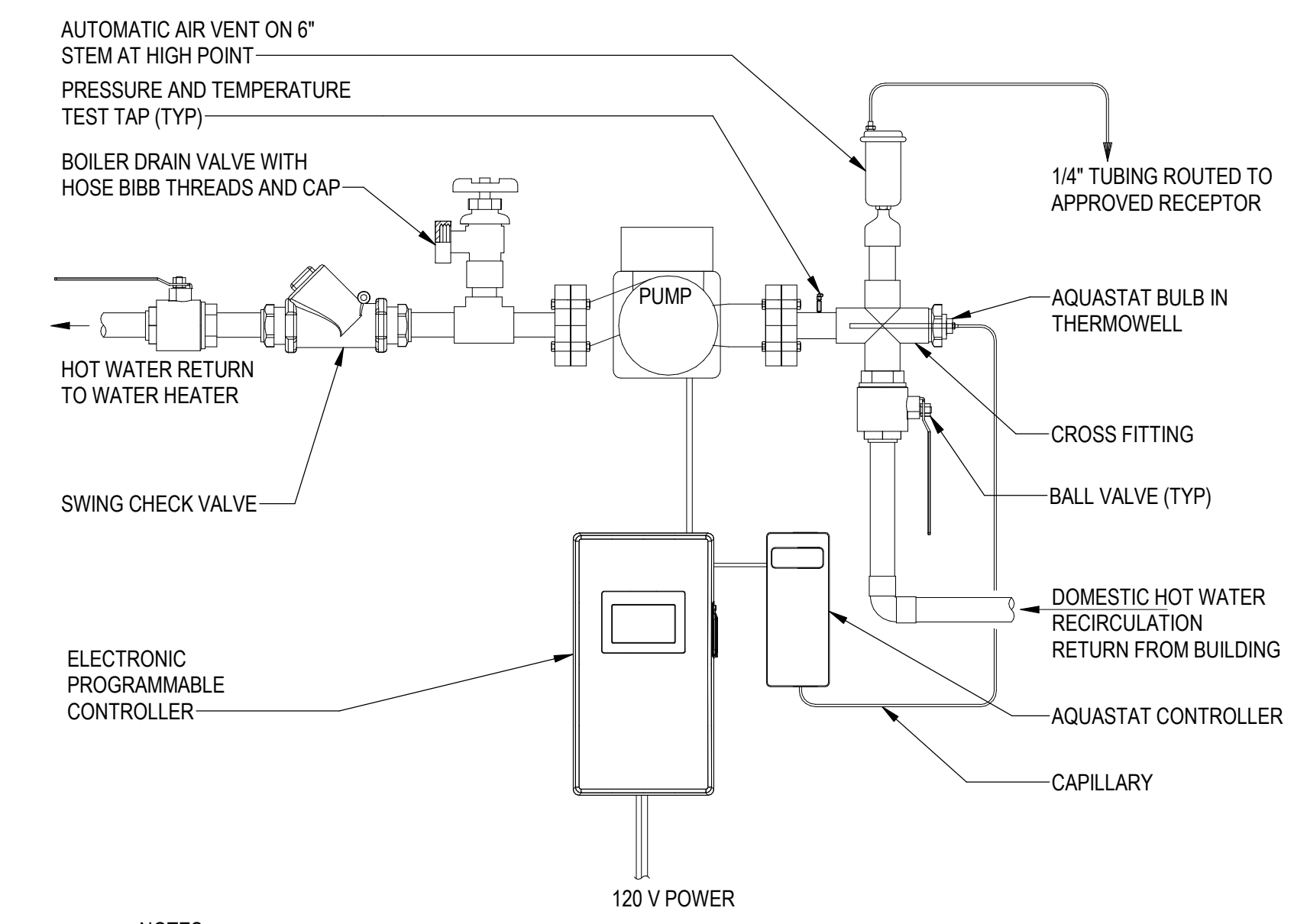
- NOTES:
1. REFER TO PANS FOR SIZING AND CONTINUATION.

1 RPBA DEVICE WITH AIR GAP
SCALE: NONE



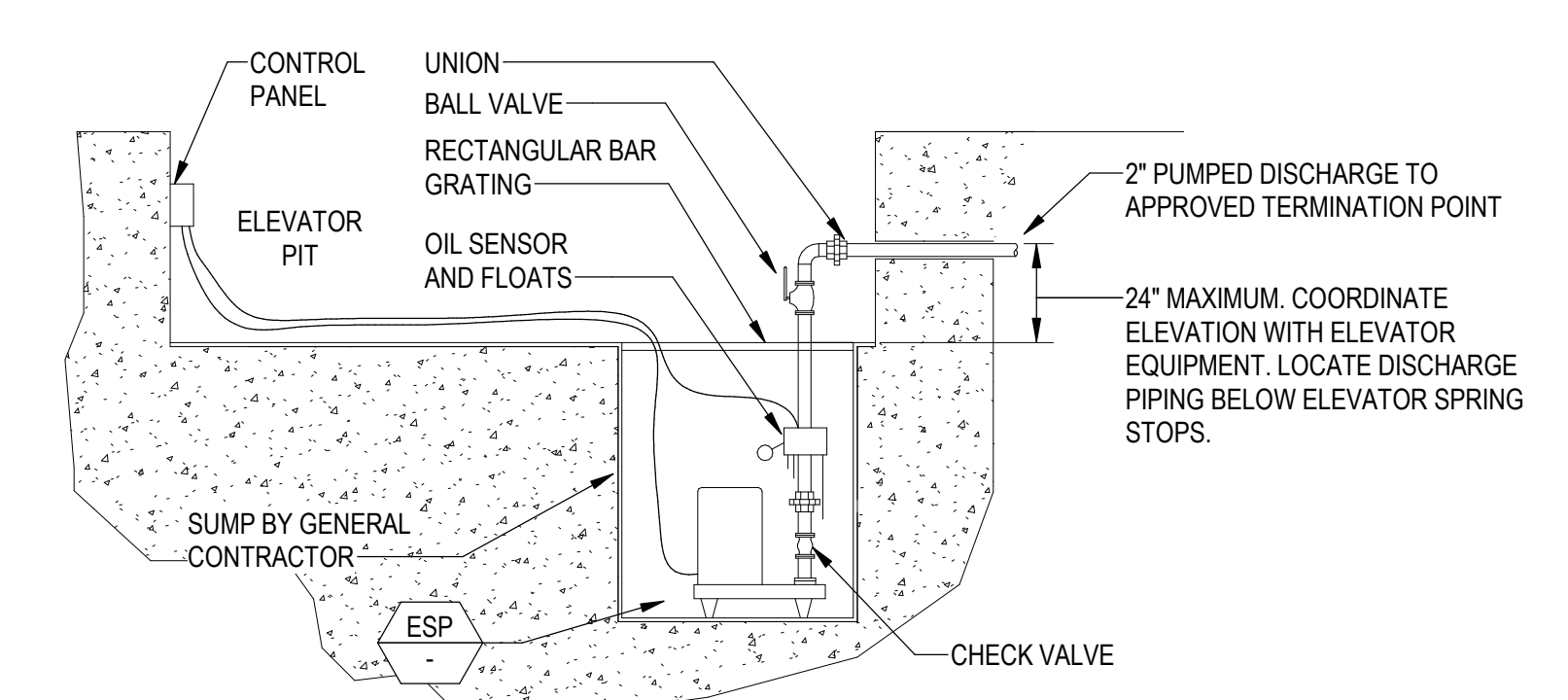
- NOTES:
1. REFER TO PLANS FOR SIZES AND CONTINUATION.

7 GREASE INTERCEPTOR
SCALE: NONE



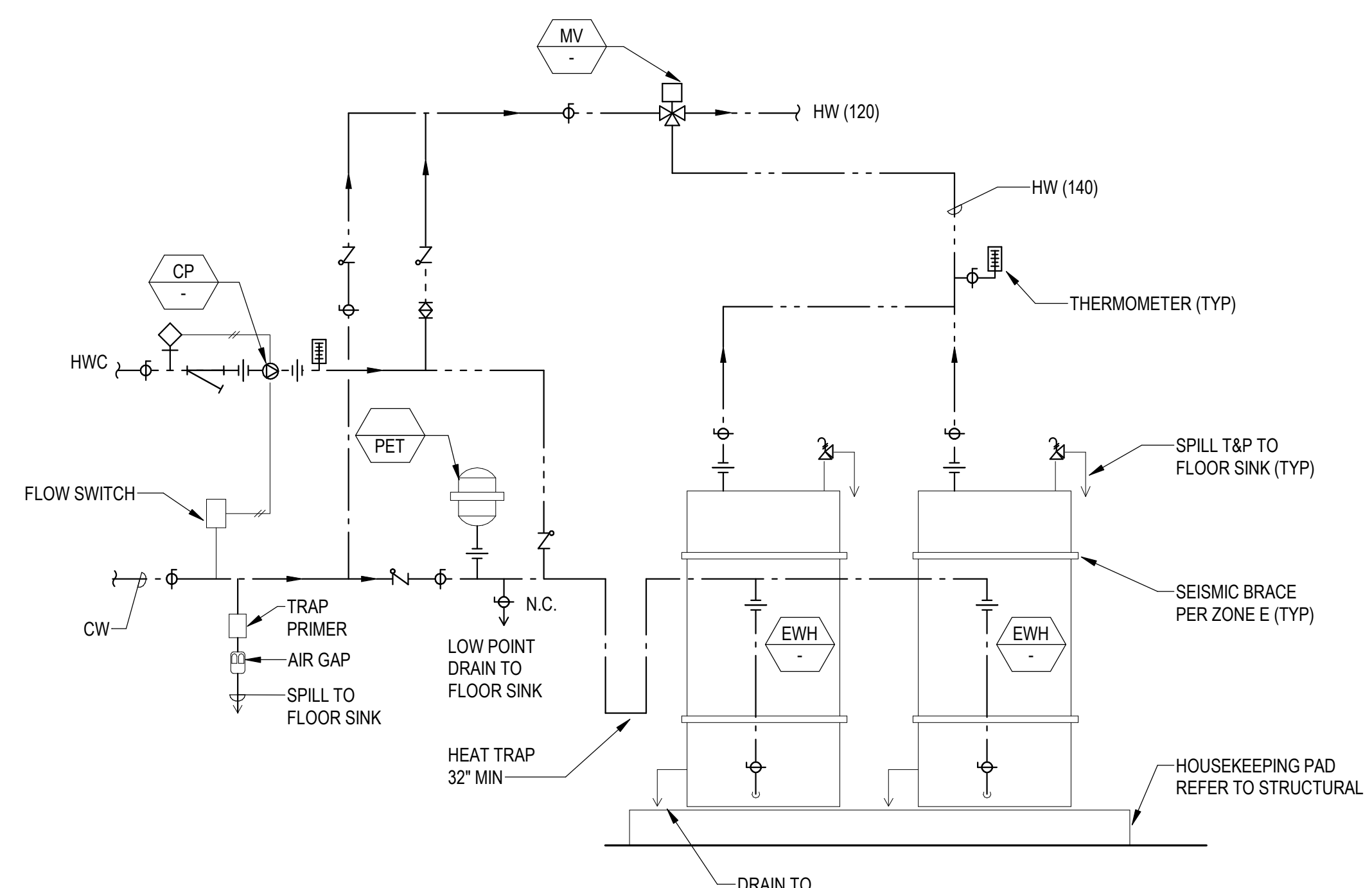
- NOTES:
1. INSULATE ALL FITTINGS, VALVES, CHECK VALVE, PIPE AND PUMP BODY. EXTEND MEASUREMENT PORT TO EXTERIOR OF INSULATION.
 2. RECIRCULATION BOOSTER PUMP SHALL BE LEAD-FREE CONSTRUCTION.
 3. PROGRAMMABLE CONTROLLER SHALL BE SET TO ALLOW PUMP OPERATION ONLY DURING OCCUPIED HOURS.
 4. AQUASTAT CONTROLLER SHALL BE SET TO DISENGAGE THE PUMP WHEN THE RETURN WATER TEMPERATURE IS ABOVE 95 DEGREES F (ADJUSTABLE) OR AS ALLOWED BY LOCAL ENERGY CODE.
 5. PROVIDE AUTOMATIC AIR VENT AS REQUIRED BY LOCAL ENERGY CODE TO REDUCE CAVITATION. ROUTE DRAIN LINE TO APPROVED DRAINAGE RECEPTOR. INSTALL AIR VENT WITHIN 48\"/>
 - 6. PROVIDE HOSE BIBB AS REQUIRED BY LOCAL ENERGY CODE FOR MAINTENANCE AIR BLEEDING AND PRIMING.

6 HW RECIRC PUMP-HORIZONTAL
SCALE: NONE



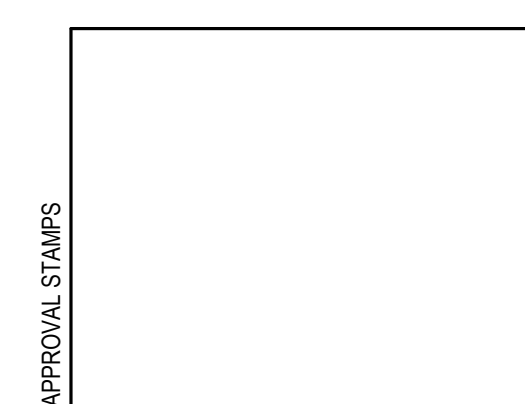
- NOTES:
1. REFER TO PLANS FOR SIZES AND CONTINUATION.

5 ELEVATOR SUMP PUMP
SCALE: NONE



8 DOMESTIC HOT WATER HEATER
SCALE: NONE

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OWNER APPROVAL:

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SHEET NO.
P-912

MECHANICAL - BASIS OF DESIGN

- A. THIS PROJECT INVOLVES A NEW THREE-STORY OFFICE BUILDING WITH A RETAIL CAFE, PARKING GARAGE, FITNESS ROOM, AND LOCKER ROOM ON THE GROUND FLOOR, AND A FUTURE TI BUILDOUT SPACE ON THE SECOND FLOOR. PRIVATE AND OPEN OFFICES ARE INCLUDED ON ALL THREE FLOORS.
- B. THE DESIGN INCLUDES THE FOLLOWING NOTABLE FEATURES, BUT IS NOT LIMITED TO THIS SCOPE. CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CONTRACT DOCUMENTS AND COORDINATING WITH ALL DISCIPLINES.
 - 1. VENTILATION: ROOF MOUNTED DEDICATED OUTDOOR AIR UNIT WITH DX COOLING, HEAT PUMP HEATING WITH ELECTRIC RESISTANCE AUXILIARY HEATING, POWER EXHAUST AND MODULATING ECONOMIZER, CONSTANT VOLUME VENTILATION AIR IS DUCTED TO THE RETURN PLENUM OF EACH FAN COIL WITHIN THE BUILDING.
 - 2. HEATING: HEAT PUMPS ON THE ROOF CIRCULATE REFRIGERANT TO FAN COILS LOCATED IN EACH ZONE. ELECTRIC HEATERS ARE LOCATED THROUGHOUT THE BUILDING TO HEAT ANCILLARY SPACES.
 - 3. COOLING: HEAT PUMPS ON THE ROOF CIRCULATE REFRIGERANT TO FAN COILS LOCATED IN EACH ZONE.
 - 4. CONTROLS: BUILDING AUTOMATION SYSTEM (BAS) TO OPERATE ALL SYSTEM FUNCTIONS AND SCHEDULES.
- C. CODES AND STANDARDS (LATEST EDITIONS UNLESS OTHERWISE REQUIRED BY AHJ)
 - 1. WASHINGTON BUILDING CODES ENFORCED BY THE AUTHORITY HAVING JURISDICTION (AHJ):
 - A. 2018 WASHINGTON STATE MECHANICAL CODE (2018 INTERNATIONAL MECHANICAL CODE (IMC), INCLUDING 2018 INTERNATIONAL FUEL GAS CODE, 2018 NFPA 58, AND 2017 NFPA 54 WITH STATE AND LOCAL AMENDMENTS).
 - B. 2018 WASHINGTON STATE BUILDING CODE (2018 INTERNATIONAL BUILDING CODE (IBC) WITH STATE AND LOCAL AMENDMENTS).
 - C. 2018 WASHINGTON STATE PLUMBING CODE (2018 UNIFORM PLUMBING CODE (UPC) WITH STATE AND LOCAL AMENDMENTS).
 - D. 2018 WASHINGTON STATE ENERGY CODE (2018 INTERNATIONAL ENERGY CONSERVATION CODES).
 - E. 2018 WASHINGTON STATE FIRE CODE (2018 INTERNATIONAL FIRE CODE (IFC) WITH STATE AND LOCAL AMENDMENTS).
 - F. 2020 WASHINGTON STATE ELECTRICAL CODE (2020 NATIONAL ELECTRICAL CODE (NEC)).
 - G. FUEL GAS CODE 2018 OF WASHINGTON (INTERNATIONAL FUEL GAS CODE 2018 (IFGC 2018)).
 - H. 2018 INTERNATIONAL RESIDENTIAL CODE WITH STATE AND LOCAL AMENDMENTS.
 - I. 2017 LIQUEFIED PETROLEUM GAS CODE (NFPA 58).
 - J. 2018 WASHINGTON STATE EXISTING BUILDING CODE.
 - K. ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009 OF WASHINGTON, WITH STATEWIDE AMENDMENTS, A117.1, 2009.
 - L. AMERICANS WITH DISABILITIES ACT (ADA).
 - 2. ASHRAE 2021 HANDBOOK, FUNDAMENTALS.
 - 3. ASHRAE 2020 HANDBOOK, HVAC SYSTEMS AND EQUIPMENT.
 - 4. ASHRAE 2019 HANDBOOK, HVAC APPLICATIONS.
 - 5. ASHRAE 2018 HANDBOOK, REFRIGERATION.
 - 6. ASHRAE 55-2020 THERMAL ENVIRONMENTAL CONDITIONS FOR HUMAN OCCUPANCY.
 - 7. ASHRAE 62.1-2022 VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY.
 - 8. ASHRAE 90.1-2019 ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS.
 - 9. NFPA 90A, 2021 STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS.
 - 10. NFPA 90B, 2021 STANDARD FOR THE INSTALLATION OF WARM AIR HEATING AND AIR-CONDITIONING SYSTEMS.
 - 11. NFPA 101: 2021 LIFE SAFETY CODE.
- D. OUTDOOR DESIGN CONDITIONS:
 - 1. LOCATION: PORT ORCHARD, WASHINGTON
 - 2. SUMMER: 86.4°F DB/65.6°F WB (ASHRAE 0.4%)
 - 3. WINTER: 22.8°F (ASHRAE 99.6%)
 - 4. ELEVATION: 15 FEET ABOVE SEA LEVEL.
 - 5. CLIMATE ZONE: 5C
- E. INDOOR DESIGN CONDITIONS: BASED ON +/-2°F CONTROL ACCURACY FROM SETPOINTS.
 - 1. ALL CONDITIONED AREAS:
 - A. COOLING: 75°F
 - B. HEATING: 70°F
 - 2. OFFICE AREAS:
 - A. COOLING: 75°F
 - B. HEATING: 70°F
 - 3. EXCEPTIONS:
 - A. ELECTRICAL EQUIPMENT ROOMS: 85°F (MAXIMUM)
 - B. DATA/IDF/TELECOM ROOMS: COOLING ONLY, 85°F (MAXIMUM)
 - 4. HUMIDITY CONTROL
 - A. ALL AREAS, UNLESS OTHERWISE NOTED: NONE, NO ACTIVE HUMIDIFICATION SYSTEMS.
 - B. DATA/TELECOM ROOMS: MAXIMUM 80% RH AND NO ACTIVE HUMIDIFICATION.
- F. WASHINGTON VENTILATION CRITERIA:
 - 1. ALL AREAS: 20 CFM/PERSON
 - 2. EXCEPTIONS:
 - A. RECEPTION AREA: 15 CFM/PERSON
 - B. WAITING AREA: 15 CFM/PERSON
 - C. LOBBY: 15 CFM/PERSON
 - D. CORRIDOR: 0.1 CFM/SQ.FT.
 - E. STORAGE: 0.1 CFM/SQ.FT.
 - 3. COMPLY WITH CHAPTER 4 OF OMSCIMC OR ASHRAE 62.1.
 - 4. ENCLOSED PARKING GARAGE: COMPLY WITH CHAPTER 4 OF IMC.
- G. EXHAUST TO OUTDOORS (MINIMUM RATES):
 - 1. TOILET ROOMS: 12 AIR CHANGES PER HOUR OR 75 CFM/FIXTURE, WHICHEVER IS GREATER. ONE EXHAUST GRILLE SPACED EVERY THREE TO FIVE FIXTURES, MAXIMUM.
 - 2. JANITOR CLOSET: 100 CFM OR 10 AIR CHANGES PER HOUR, WHICHEVER IS GREATER.
 - 3. BREAK ROOM: 100 CFM, MINIMUM.
 - 4. LOCKER ROOMS: 12 AIR CHANGES PER HOUR. ONE EXHAUST GRILLE SPACED EVERY 15 FEET. MAXIMUM DISTANCE BETWEEN GRILLES.
 - 5. SHOWER ROOMS: 12 AIR CHANGES PER HOUR. ONE EXHAUST GRILLE PER SHOWER STALL.
 - 6. MAIN TRASH ROOMS: 12-15 AIR CHANGES PER HOUR.
 - 7. FLOOR TRASH CLOSETS: 50 TO 100 CFM PER FLOOR.
 - 8. COPIER/PRINTER ROOMS: 2 AIR CHANGES PER HOUR.
- H. INTERNAL HEAT GAINS:
 - 1. LIGHTING:
 - A. OFFICE: 0.75 W/SQ.FT.
 - B. CONFERENCE ROOM: 1.0 W/SQ.FT.
 - C. LOBBY: 1.0 W/SQ.FT.
 - D. CORRIDOR: 0.5 W/SQ.FT.
 - E. RESTROOM: 0.5 W/SQ.FT.
 - 2. RECEPTACLE POWER IN OFFICES AREAS: 1.2 W/SQ.FT.
 - 3. ELECTRICAL TRANSFORMERS:
 - A. 30 KVA: 2,050 BTUH
 - B. 75 KVA: 5,200 BTUH
 - 4. IDF EQUIPMENT ROOMS: 12,000 BTUH
 - 5. MDF EQUIPMENT ROOMS: 24,000 BTUH
 - 6. OCCUPANCY CRITERIA IN WASHINGTON
 - A. OFFICE OCCUPANT: 245 BTUH SENSIBLE/205 BTUH LATENT
 - B. OPEN OFFICE: 1 PERSON/142.8 SQ.FT.
 - C. CLOSED OFFICE: 1 PERSON
 - D. RECEPTION AREA: 1 PERSON/16.7 SQ.FT.
 - E. CONFERENCE ROOM: 1 PERSON/20 SQ.FT.
 - F. LOBBY: 1 PERSON/33.3 SQ.FT.
 - G. COOKING KITCHEN: 1 PERSON/50 SQ.FT.
 - 7. ZONING CRITERIA:
 - A. PRIVATE OFFICES: ONE ZONE (TEMPERATURE SENSOR) PER SIX (MAXIMUM) PRIVATE OFFICES AND ONE PER EACH CORNER/EXECUTIVE OFFICE.
 - B. OPEN OFFICE SPACES: ONE ZONE (TEMPERATURE SENSOR) PER 1,000 SQUARE FEET OR AS INDICATED ON THE DRAWINGS.
 - C. CONFERENCE ROOMS: ONE ZONE (TEMPERATURE SENSOR) PER ROOM
 - D. LOBBY: ONE ZONE (TEMPERATURE SENSOR)
 - E. DATA/TELECOM: ONE ZONE (TEMPERATURE SENSOR) PER ROOM
- I. DUCTWORK DESIGN CRITERIA:
 - 1. DESIGN DUCTWORK TO PROVIDE HIGH EFFICIENCY OPERATION WITH MINIMAL ACOUSTICAL NOISE. DUCT STATIC PRESSURE FRICTION LOSS SHALL NOT EXCEED 0.2" PER 100 FEET IN MECHANICAL ROOMS AND SHAFTS. LOW PRESSURE SUPPLY DUCT STATIC PRESSURE FRICTION LOSS BASED ON A MAXIMUM OF 0.08" PER 100 FEET. LOW PRESSURE RETURN AND EXHAUST DUCT STATIC PRESSURE FRICTION LOSS BASED ON A MAXIMUM OF 0.06" PER 100 FEET.
 - 2. MAXIMUM SUPPLY, RETURN AND EXHAUST DUCT AIR FLOW VELOCITIES, REGARDLESS OF PRESSURE DROP, SHALL NOT EXCEED THE FOLLOWING CRITERIA:
 - A. MAINS ABOVE CEILING: 1750 FPM
 - B. MAINS ABOVE OPEN OCCUPIED SPACES: 1450 FPM
 - C. BRANCHES ABOVE CEILING: 1400 FPM
 - D. BRANCHES ABOVE OPEN OCCUPIED SPACES: 1150 FPM
 - E. RUN-OUTS TO DIFFUSERS: 725 FPM
 - F. IN SHAFTS: 2500 FPM
 - G. IN MECHANICAL ROOMS: 3000 FPM
 - 3. EXPOSED DUCTWORK TO BE PAINTED BLACK.
- J. ACOUSTICAL:
 - 1. THE FOLLOWING NOISE NRC CRITERIA LEVELS WILL BE ACHIEVED AND AS DEFINED IN THE ASHRAE HVAC APPLICATIONS HANDBOOK. THESE LEVELS ADDRESS THE MECHANICAL SYSTEMS ONLY. ACTUAL SOUND PERFORMANCE REQUIREMENTS FOR EACH SPACE MUST BE VERIFIED WITH ACOUSTICAL CONSULTANT:
 - A. OPEN OFFICES: 40
 - B. CONFERENCE ROOMS: 30
 - C. PRIVATE OFFICES: 30
 - D. CORRIDORS: 40
 - E. LOBBIES: 35
- L. AIR FILTERS:
 - 1. OUTSIDE AIR PRE-FILTERS: MERV-8 (MINIMUM)
 - 2. FINAL FILTERS: MERV-13 (MINIMUM).
- M. SEISMIC:
 - 1. ANCHORAGE AND RESTRAINTS MUST BE COORDINATED WITH STRUCTURAL ENGINEER AND AUTHORITY HAVING JURISDICTION.

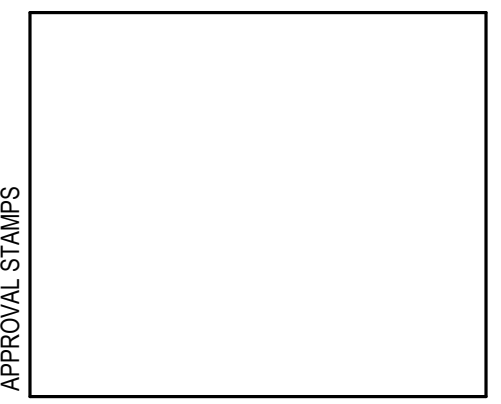


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REVISIONS

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ISSUE INFORMATION

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
**BASIS OF DESIGN AND
TABULATED DATA**

SHEET NO.
M-101

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E

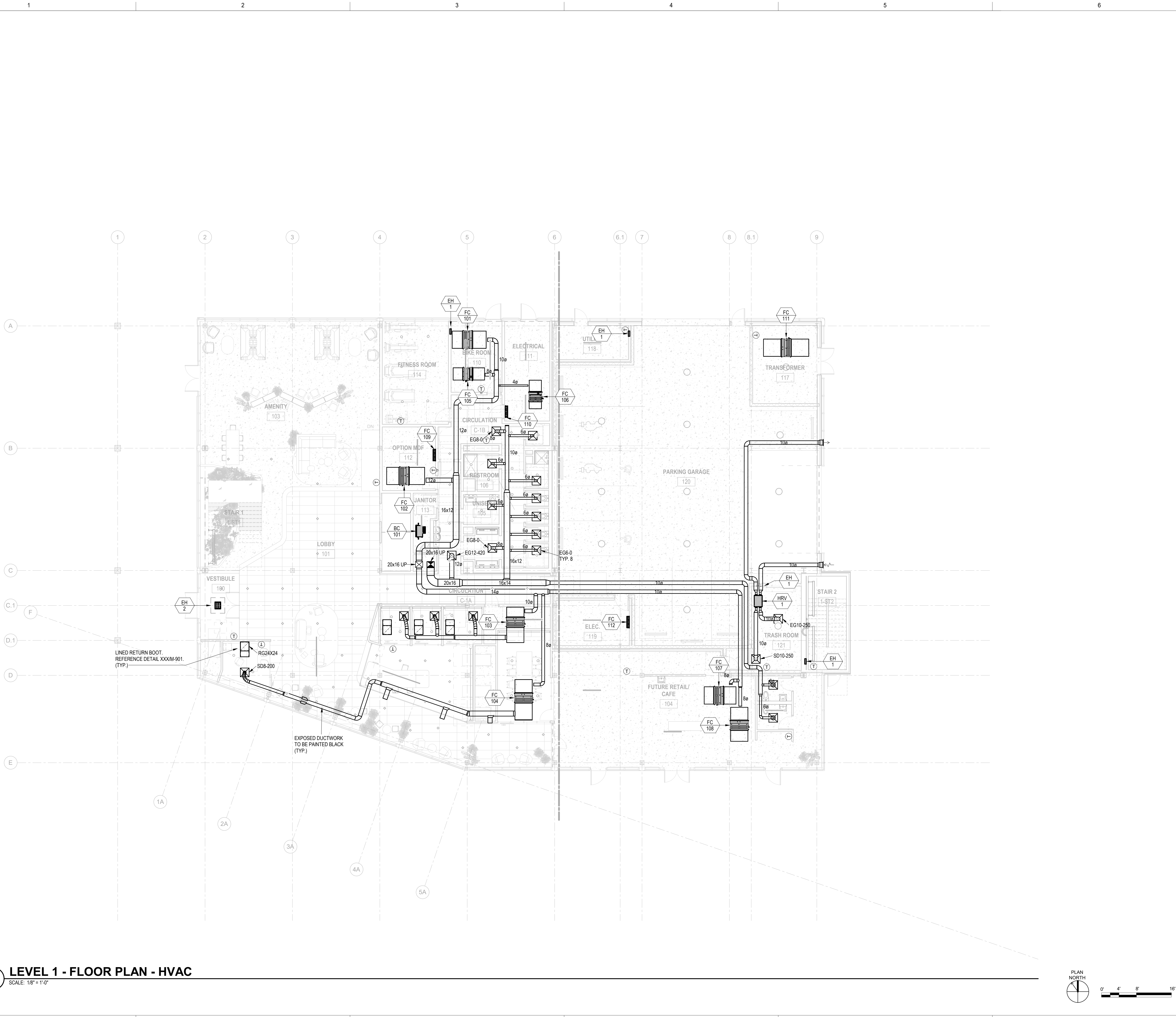
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C

B

A

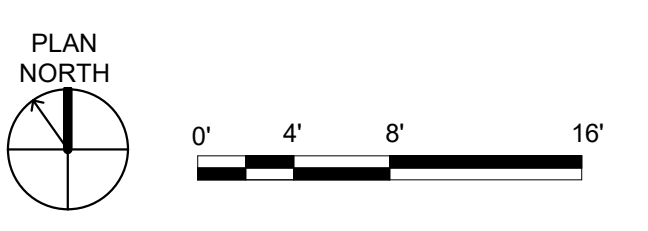
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(TYP.)

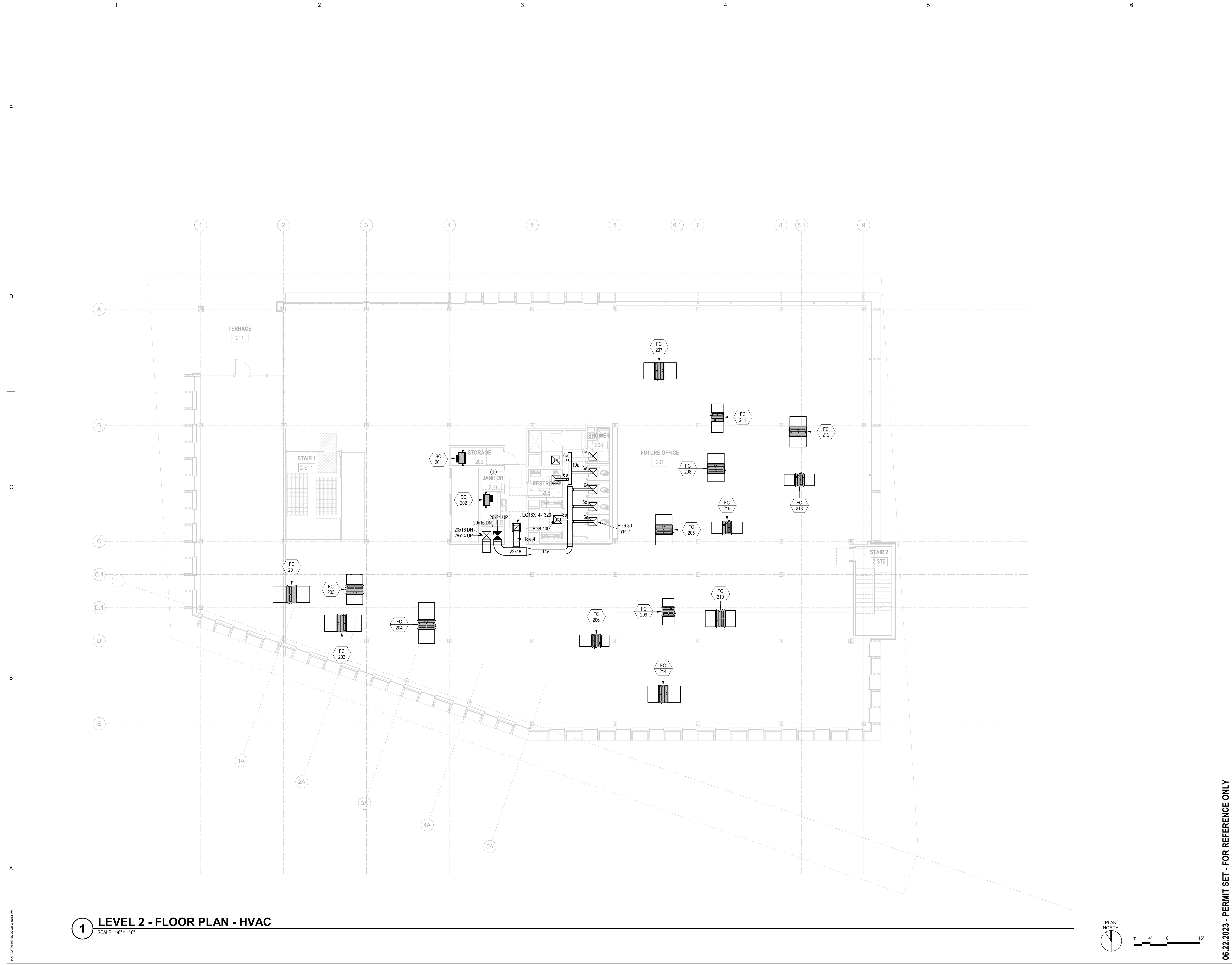
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TO BE PAINTED BLACK
(TYP.)

1 LEVEL 1 - FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"

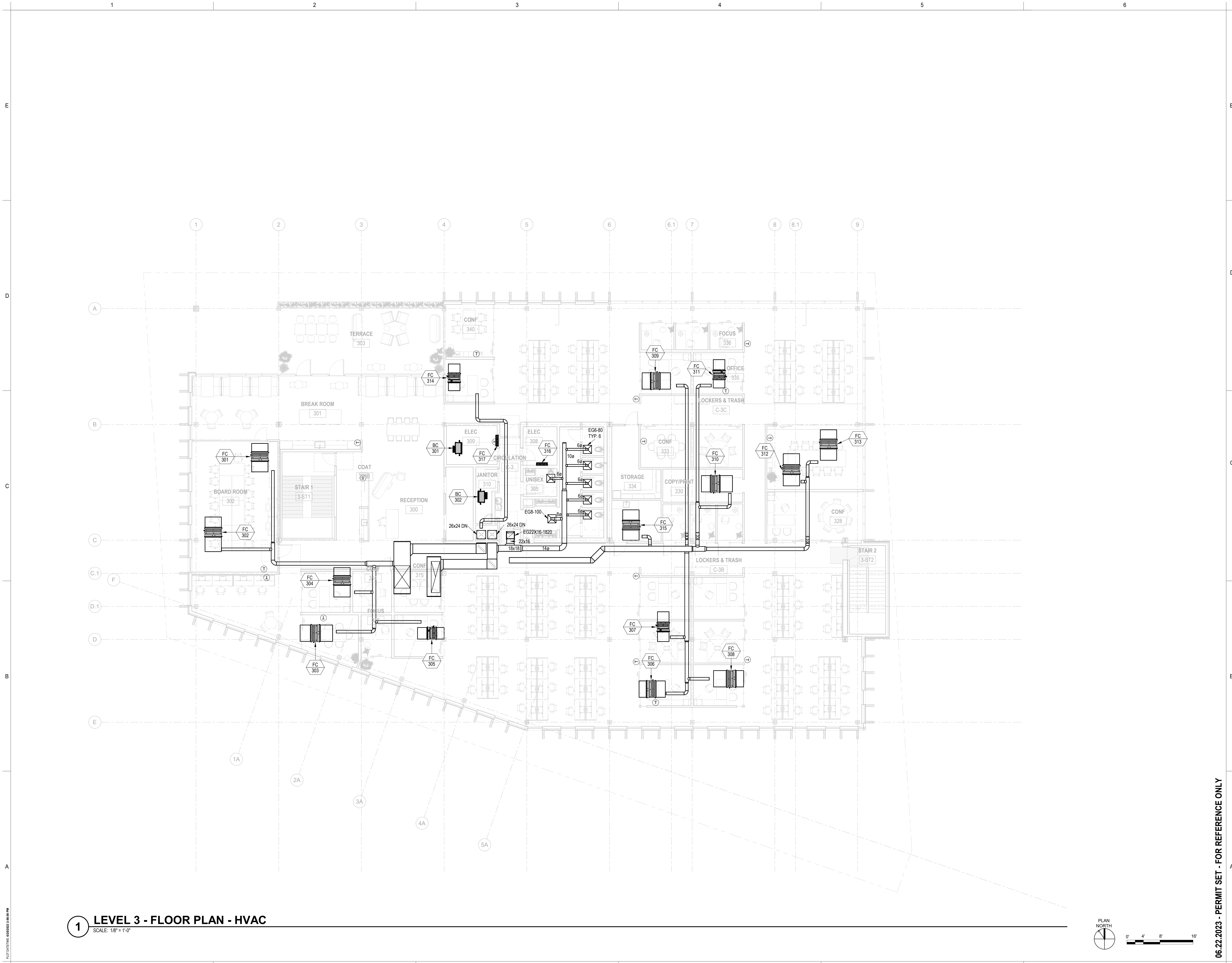


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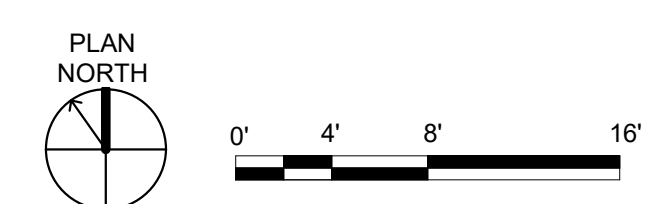
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1 LEVEL 2 - FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"



1 LEVEL 3 - FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"



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APPROVAL STAMPS

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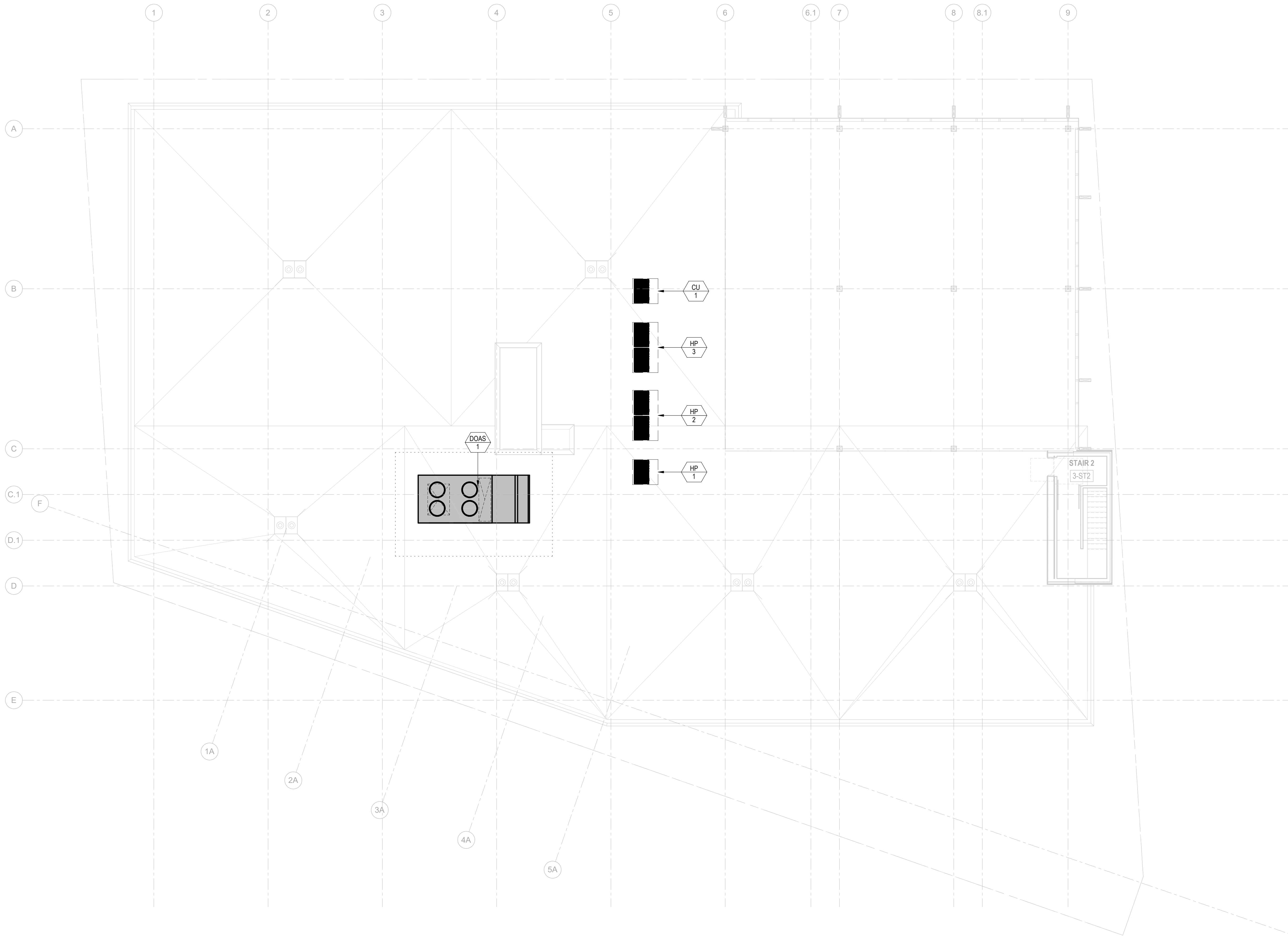
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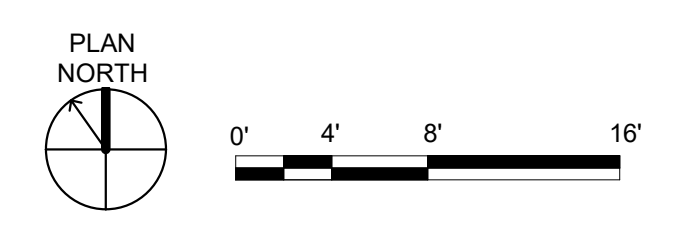
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OWNER APPROVAL:

SHEET TITLE
ROOF HVAC PLAN

SHEET NO.
M-204



1 ROOF - FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"



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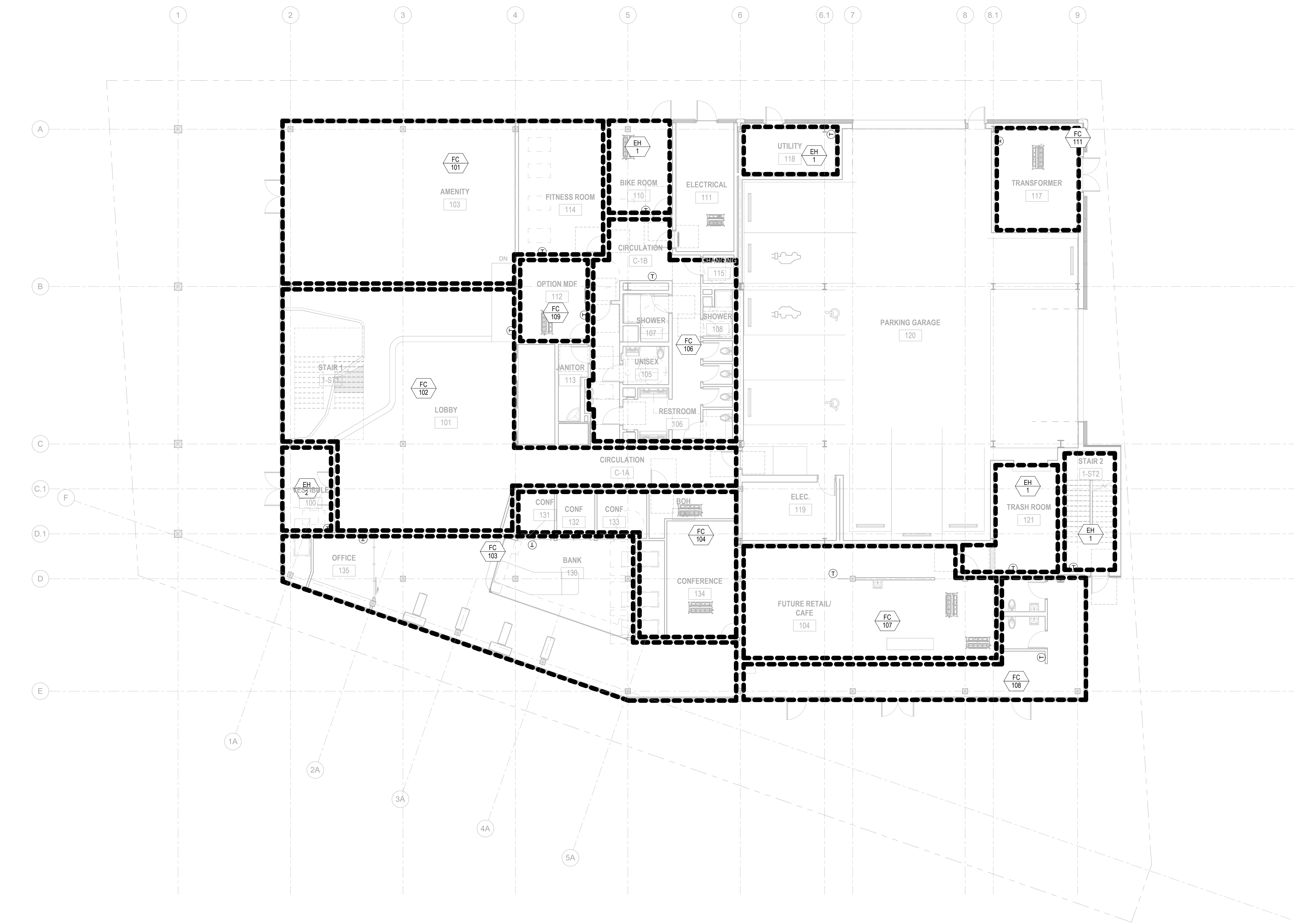
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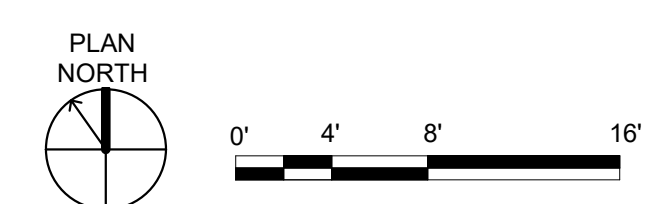
SHEET TITLE
OVERALL FLOOR PLAN - LEVEL 1 - HVAC ZONING

SHEET NO.

M-301



1 LEVEL 1 - FLOOR PLAN - HVAC ZONING
SCALE: 1/8" = 1'-0"



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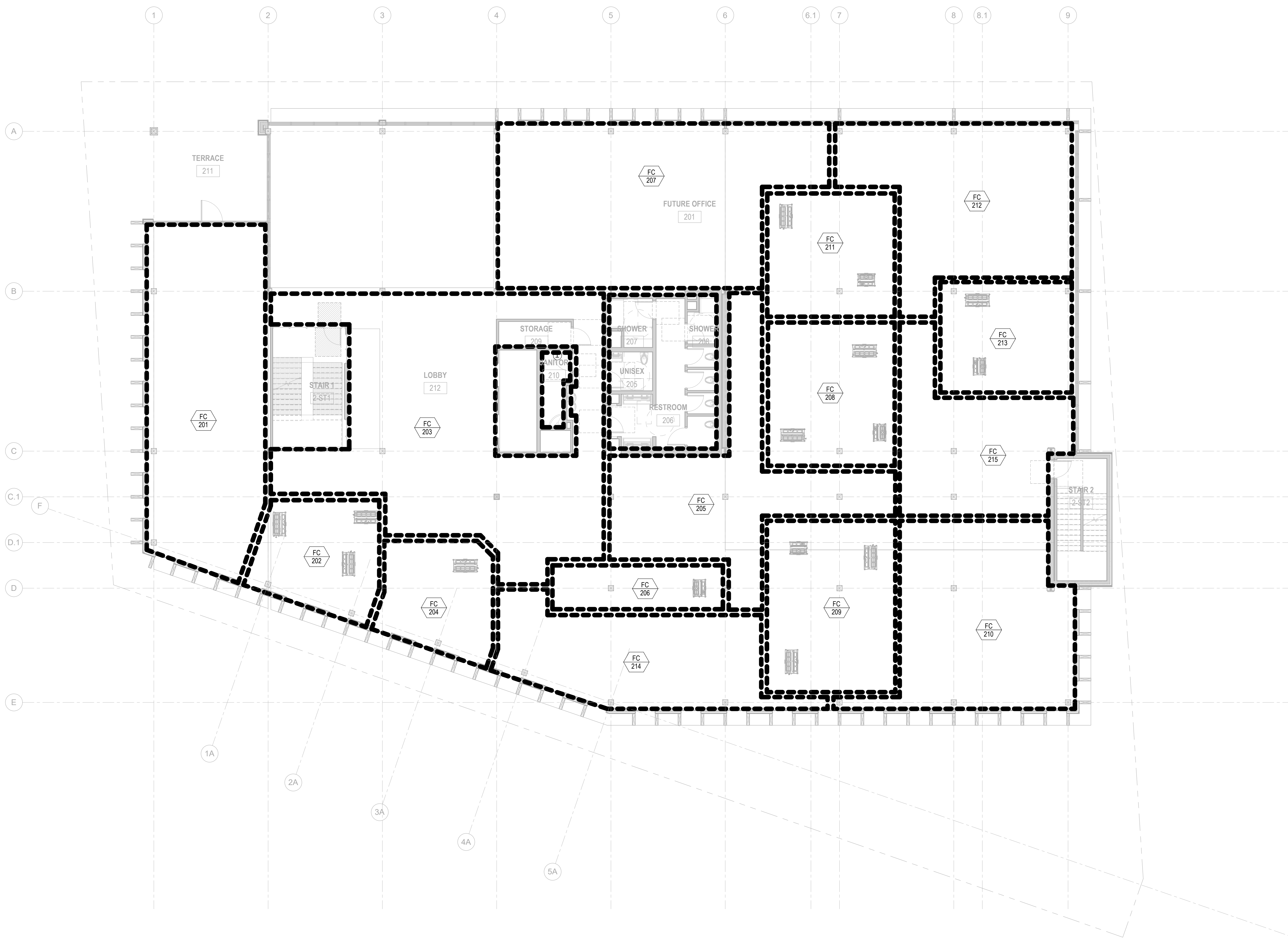
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OVERALL FLOOR PLAN - LEVEL 2 - HVAC ZONING

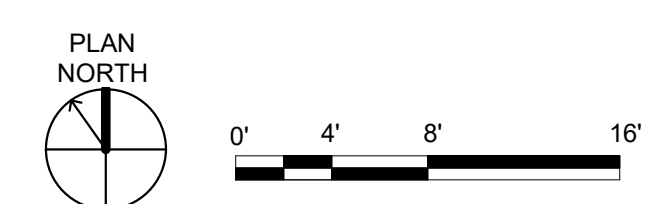
SHEET NO.

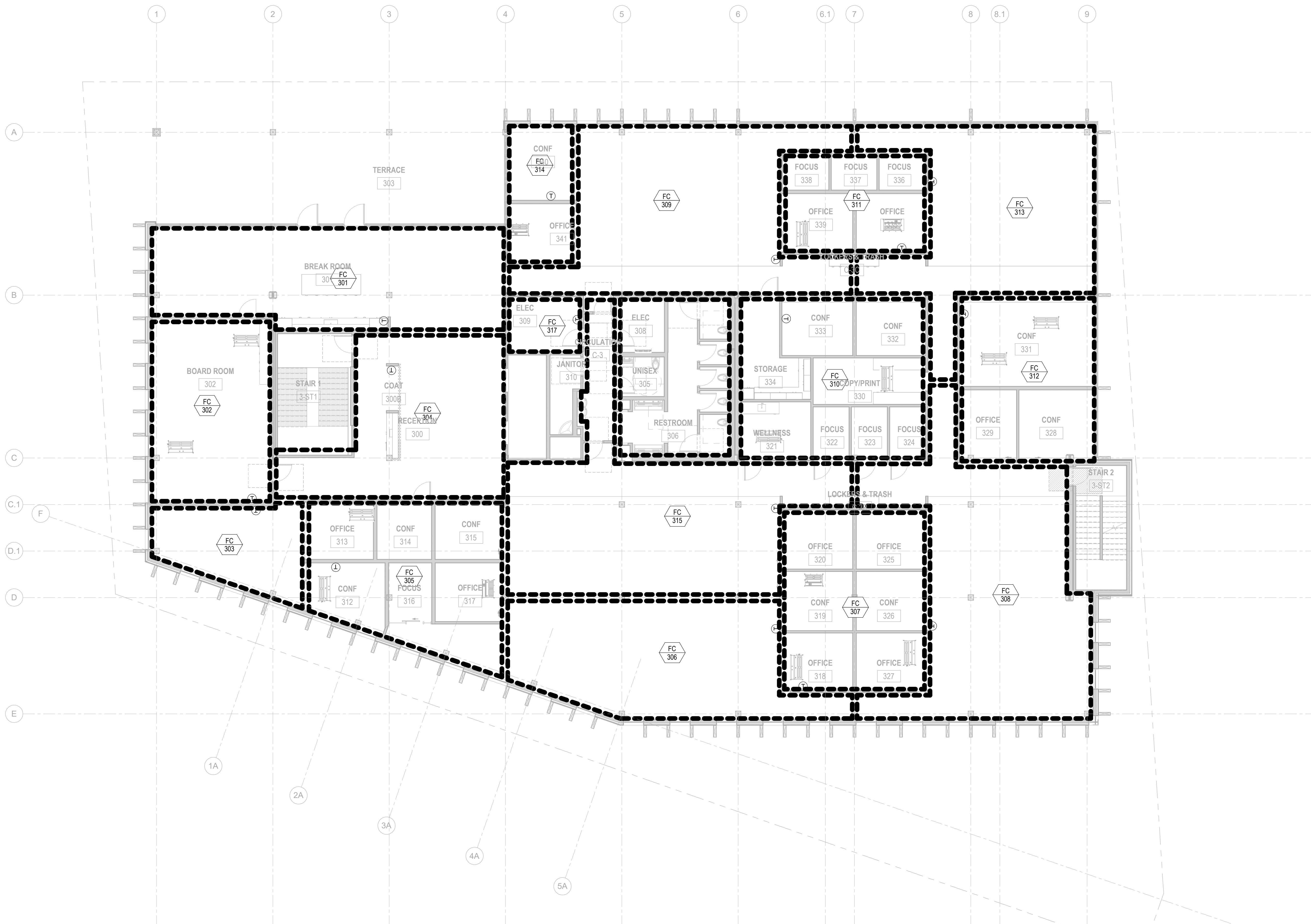
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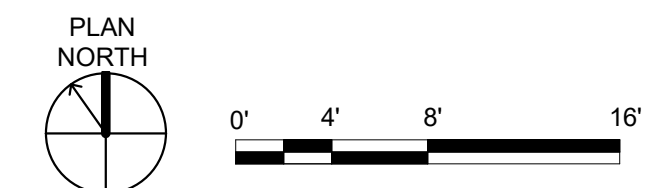


1 LEVEL 2 - FLOOR PLAN - HVAC ZONING
SCALE: 1/8" = 1'-0"





1 LEVEL 3 - FLOOR PLAN - HVAC ZONING
SCALE: 1/8" = 1'-0"



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ELECTRICAL LEGEND

NOTE: NOT ALL SYMBOLS OR ABBREVIATIONS ARE APPLICABLE TO THIS PROJECT. REFER TO DETAILS AND NOTES FOR MOUNTING HEIGHTS.

ABBREVIATIONS

ELECTRICAL DRAWING LIST



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PROJECT:
KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

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Job No.: 150-23/00122

Table with columns: MARK, DATE, DESCRIPTION. Includes REVISIONS section.

MARK DATE DESCRIPTION

REVISIONS

Table with columns: MARK, DATE, DESCRIPTION. Includes ISSUE INFORMATION section.

ISSUE INFORMATION

PROJECT NO.: 2020016.01
GGLO PRINCIPAL IN CHARGE: JF
GGLO PROJECT MANAGER: MP
OWNER APPROVAL:

SHEET TITLE:
ELECTRICAL LEGEND AND ABBREVIATIONS

SHEET NO.

E-000

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Lighting section of the legend, listing symbols for recessed, surface, and suspended luminaires, wall-mounted fixtures, and various lighting controls.

Reference Symbols section, listing symbols for keynotes, branch circuits, elevations, sections, kitchen equipment, and mechanical equipment tags.

Power Devices section, listing symbols for simplex and duplex receptacles, switches, outlets, and floor devices.

Wiring section, listing symbols for new work, existing work, ground, and various conduit and raceway types.

Fire Alarm System section, listing symbols for fire alarm control panels, annunciators, manual pull stations, bells, horns, and detectors.

Switching Controls section, listing symbols for dimmer switches, fan controls, and various types of switches and breakers.

Diagrams section, listing symbols for transfer switches, automatic transfer switches, overloads, and busway components.

Signal Devices section, listing symbols for fire-rated backboards, signal enclosures, and various types of bells and buzzers.

Distribution & Equipment section, listing symbols for branch circuit panelboards, motor control centers, transformers, and equipment enclosures.

Grounding System section, listing symbols for grounding grids, conductors, and various types of bonding points.

Electrical Equipment Naming Convention Legend section, providing a systematic way to name equipment based on type, voltage, power systems, and floor level.

Abbreviations section, listing symbols and descriptions for various electrical components and materials.

Electrical Drawing List section, listing sheet names, numbers, and descriptions for various drawing sheets.

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LIGHTING CONTROL NOTES

- A. NEW LIGHTING CONTROLS SHALL BE A DESIGN BUILD EFFORT (PROVIDED BY THE ELECTRICAL CONTRACTOR AND LIGHTING CONTROL VENDOR/MANUFACTURER) THAT MEETS THE FUNCTIONAL CONTROL INTENT SPECIFIED IN THIS DESIGN PACKAGE. REFER TO LIGHTING CONTROL SEQUENCE OF OPERATIONS MATRIX, LIGHTING PLANS, DETAILS, AND ASSOCIATED NOTES AND SPECIFICATIONS FOR FUNCTIONAL CONTROL INTENT.
- B. THE BASIS OF DESIGN IS TO PROVIDE A WATTSTOPPER LIGHTING CONTROL SYSTEM, HOWEVER ANY LIGHTING CONTROL MANUFACTURER THAT IS LISTED AS AN ACCEPTABLE MANUFACTURER IN THE SPECIFICATIONS, AND THAT CAN MEET THE REQUIRED FUNCTIONAL CONTROL INTENT, MAY BE SUBMITTED.
- C. FOR ANY LIGHTING CONTROL SYSTEM SUBMITTED, ALL COMPONENTS, INTERCONNECTIONS AND PROGRAMMING REQUIRED FOR A COMPLETE FUNCTIONAL SYSTEM (THAT MEETS THE SPECIFIED FUNCTIONAL CONTROL INTENT) SHALL BE PROVIDED. THIS INCLUDES ALL POWER PACKS, DISCRETE RELAYS, HUBS AND/OR CONTROL PANELS, AND ANY OTHER EQUIPMENT/DEVICES AS NEEDED. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO COORDINATE WITH THE LIGHTING CONTROL VENDOR AND LUMINAIRE VENDOR(S) AS REQUIRED.
- D. THE CONTROL SYSTEM SHALL INCLUDE SOFTWARE FOR PROGRAMMING AND MANAGEMENT OF LIGHTING. ELECTRICAL CONTRACTOR SHALL PROVIDE A LOCAL SERVER AND COORDINATE ITS LOCATION WITH OWNER.
- E. LIGHTING PLANS DO NOT SHOW ALL REQUIRED LIGHTING CONTROL EQUIPMENT, DEVICES, AND INTERCONNECTIONS. WHERE SPECIFIC COMPONENTS OR INTERCONNECTIONS ARE SHOWN, THEY ARE SHOWN TO:
 1. ASSIST IN ARCHITECTURAL COORDINATION AND/OR
 2. BE A CLARIFYING VISUAL AID, INTENDED TO HELP COMMUNICATE SPECIFIC CONTROL FUNCTIONS
- F. OCCUPANCY/VACANCY SENSORS
 1. REFER TO THE LIGHTING CONTROL SEQUENCE OF OPERATIONS MATRIX TO IDENTIFY SPACES WHERE OCCUPANCY/VACANCY SENSORS ARE REQUIRED. PROVIDE OCCUPANCY/VACANCY SENSING AS INDICATED IN THE MATRIX.
 2. THE QUANTITY AND LAYOUT OF OCCUPANCY/VACANCY SENSORS REQUIRED IN EACH SPACE SHALL BE DETERMINED BY THE LIGHTING CONTROL VENDOR. IF A SENSOR IS SHOWN ON A PLAN, IT IS ONLY TO INDICATE THE SPACE IT IS SHOWN IN REQUIRES OCCUPANCY SENSING, NOT TO IDENTIFY THE REQUIRED QUANTITY OF SENSORS OR A SENSOR LAYOUT.
 3. LIGHTING PLANS MAY NOT SHOW SENSORS IN ALL SPACES WHERE SENSORS ARE REQUIRED (AS PREVIOUSLY NOTED). REFER TO THE LIGHTING CONTROLS SEQUENCE OF OPERATIONS MATRIX AND PROVIDE SENSORS AS THE MATRIX REQUIRES.
 4. WHERE SENSORS ARE SHOWN ON LIGHTING PLANS, THEY ARE SHOWN ONLY AS CLARIFYING VISUAL AIDS, INTENDED TO HELP IDENTIFY SPECIFIC SPACES THAT REQUIRE OCCUPANCY/VACANCY SENSING.
 5. PROVIDE AUXILIARY CONTACT IN ALL SPACES WITH OCCUPANCY SENSING FOR HVAC INTEGRATION AND TEMPERATURE SETBACK.
 6. LIGHTING CONTROL SYSTEM AND ITS OCCUPANCY/VACANCY SENSORS SHALL INTERFACE WITH PLUG-LOAD CONTROLLERS AS REQUIRED BY BASIS OF DESIGN. PROVIDE ALL COMPONENTS, INTERCONNECTIONS, EFFORTS, ETC., TO ACCOMMODATE PLUG-LOAD CONTROL WHERE PLUG-LOAD CONTROL IS REQUIRED. REFER TO BASIS OF DESIGN AND POWER PLANS TO DETERMINE WHERE PLUG-LOAD CONTROL IS REQUIRED.
- G. DAYLIGHT SENSORS
 1. REFER TO THE LIGHTING CONTROL SEQUENCE OF OPERATIONS MATRIX TO IDENTIFY SPACES WHERE DAYLIGHT SENSORS ARE REQUIRED, AND REFER TO LIGHTING DESIGNER'S PLANS (NOT GLUMAC'S) FOR DAYLIGHT ZONES. PROVIDE AUTOMATIC DAYLIGHT RESPONSIVE CONTROLS AS INDICATED IN THE MATRIX.
 2. THE QUANTITY AND LAYOUT OF DAYLIGHT SENSORS REQUIRED IN EACH SPACE SHALL BE DETERMINED BY THE LIGHTING CONTROL VENDOR. IF A SENSOR IS SHOWN ON A PLAN, IT IS ONLY TO INDICATE THE SPACE IT IS SHOWN IN REQUIRES DAYLIGHT SENSING, NOT TO IDENTIFY THE REQUIRED QUANTITY OF SENSORS OR A SENSOR LAYOUT.
 3. LIGHTING PLANS MAY NOT SHOW SENSORS IN ALL SPACES WHERE SENSORS ARE REQUIRED (AS PREVIOUSLY NOTED). REFER TO THE LIGHTING CONTROLS SEQUENCE OF OPERATIONS MATRIX AND PROVIDE SENSORS AS THE MATRIX REQUIRES.
 4. WHERE SENSORS ARE SHOWN ON LIGHTING PLANS, THEY ARE SHOWN ONLY AS CLARIFYING VISUAL AIDS, INTENDED TO HELP IDENTIFY SPECIFIC SPACES THAT REQUIRE OCCUPANCY/VACANCY SENSING.
- H. SPECIFIED CONTROL ZONES AND CONTROL ZONES SHOWN ON PLANS ARE CONCEPTUAL, AND INDICATE HOW LUMINAIRES ARE TO NORMALLY BEHAVE. CONTROL ZONES DO NOT INDICATE SPECIFIC LEGS OF POWER OR SPECIFIC CONTROL WIRES. FOR EXAMPLE, IT IS POSSIBLE THAT TWO DIFFERENT LUMINAIRES, EACH ON A DIFFERENT CIRCUIT, MAY NEED TO NORMALLY BEHAVE THE SAME WAY, BUT REQUIRE SEPARATE RELAYS AND LEGS OF POWER, AND/OR SEPARATE CONTROL WIRES. CONTRACTOR SHALL PROVIDE ALL CONTROL COMPONENTS AND INTERCONNECTIONS REQUIRED TO MEET THE FUNCTIONAL CONTROL INTENT SHOWN.
- I. EGRESS LIGHTING
 1. EGRESS LUMINAIRES SHALL TYPICALLY MIMIC THE BEHAVIOR OF SIMILAR GENERAL LUMINAIRES WITHIN THE SAME SPACE, WITH THE EXCEPTIONS THAT FOLLOW IN THIS SECTION.
 2. PROVIDE EGRESS LUMINAIRES WITH UL924 RELAYS AND CONTROLS SUCH THAT WHEN NORMAL POWER IS NOT PRESENT, EGRESS LUMINAIRES ILLUMINATE WITH FULL OUTPUT, AND WHEN NORMAL POWER IS PRESENT, EGRESS LUMINAIRES BEHAVE AS NORMAL LUMINAIRES WITHIN THE SAME LIGHTING CONTROL ZONE.
 3. EGRESS CONTROL REQUIREMENTS ABOVE MAY REQUIRE THE ADDITION OF EGRESS SPECIFIC LIGHTING CONTROL ZONES THAT ARE NOT EXPLICITLY IDENTIFIED ON PLANS. E.G. A CORRIDOR WITH GENERAL AND EGRESS LIGHTING MAY NEED A DEDICATED CONTROL ZONE TO ENSURE EGRESS LIGHTING DOES NOT DIM BELOW ALLOWABLE EGRESS ILLUMINATION LEVELS. PROVIDE ADDITIONAL CONTROL ZONES, ASSOCIATED COMPONENTS, AND PROGRAMMING AS NEEDED TO PROVIDE THE REQUIRED FUNCTIONALITY.
 4. FOR EMERGENCY LUMINAIRES CONTROLLED BY LIGHTING CONTROL PANEL, PROVIDE A BARRIER THAT SEPERATES EMERGENCY POWER FROM NORMAL POWER.
- J. DEMAND RESPONSE
 1. ALL LIGHTING AND LIGHTING OCCUPANCY SENSORS TO BE INTEGRATED INTO BUILDING AUTOMATION SYSTEM (BAS) AND BE CAPABLE OF DEMAND RESPONSE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL CONDUIT AND ANCILLARY DEVICES FOR A FULLY FUNCTIONAL SYSTEM.
- K. COMMUNICATION WITH BUILDING AUTOMATION SYSTEM (BAS)
 1. LIGHTING CONTROL SYSTEM SHALL COMMUNICATE WITH THE BAS VIA BACnet OVER IP. LIGHTING CONTROL VENDOR TO PROVIDE ALL REQUIRED HARDWARE. CONTRACTOR SHALL INCLUDE PROVIDING ETHERNET CABLES (ROUTED IN 1-1/4" CONDUIT) AS NEEDED, TO APPROPRIATE BAS INTERFACE POINTS OF CONNECTION. ELECTRICAL CONTRACTOR AND LIGHTING CONTROL VENDOR TO COORDINATE WITH MECHANICAL CONTROLS CONTRACTOR AS REQUIRED.
 2. POINTS MAPPING, SYSTEM INTEGRATION, AND PROGRAMMING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 3. THE BAS SHALL BE ABLE TO VIEW AND ADJUST THE FOLLOWING LIGHTING CONTROL PARAMETERS:
 - A. SCHEDULING FOR EACH CONTROL ZONE SPECIFIED AS HAVING 'TIME CLOCK' CONTROL IN THE LIGHTING CONTROLS SOO MATRIX.
 4. BAS MANUAL-OVERRIDE CONTROL
 - A. THE BAS SHALL BE PROVIDED WITH ON/OFF MANUAL-OVERRIDE CONTROL FOR THE FOLLOWING LIGHTING CONTROL ZONES:
 1. ALL CONTROL ZONES SPECIFIED AS HAVING 'TIME CLOCK' CONTROL IN THE LIGHTING CONTROL SOO MATRIX.
 - B. BAS MANUAL-OVERRIDE CONTROL SHALL ONLY BE PROVIDED WITH ON/OFF FUNCTIONALITY. DIMMING LEVELS AND/OR SCENE SETTINGS SHALL BE ADDRESSED ONLY THROUGH THE LIGHTING CONTROL SYSTEMS INTERFACES(S).
 - C. BAS MANUAL-OVERRIDE CONTROL SHALL BE PROGRAMMED TO HAVE A MAXIMUM OVERRIDE TIME OF 2 HOURS, AFTER WHICH THE LIGHTING CONTROLS SHALL REVERT BACK TO THEIR NORMAL/DEFAULT BEHAVIOR. THIS APPLIES TO BOTH 'ON' AND 'OFF' OVERRIDE FUNCTIONS.
 - D. WHEN MANUAL-OVERRIDE IS USED TO TURN LIGHTING 'ON' IN A SCENE-CONTROLLED SPACE, 'SCENE 1' SHALL BE ACTIVATED.

LIGHTING CONTROL SEQUENCE OF OPERATION																			
CATEGORY	ROOM NAME/DESCRIPTION	ONE ZONE	DEDICATED ZONE PER FIXTURE TYPE	OTHER	ZONING				ASTRONOMICAL TIME CLOCK		OS/VC			LC **			SCENE CONTROLLER †	TARGET FLEVEL (PER LIGHTING DESIGNER)	REMARKS (#)
					AUTO-RESPONSIVE	PRIMARY ZONE	SECONDARY ZONE	GENERAL ZONE	AUTO-ON TIME	AUTO-OFF TIME	AUTO-ON	AUTO-OFF	TIMEOUT (MINUTES)	ON/OFF	RAMP UP/DOWN	OVERRIDE DURATION (MINUTES)			
BACK OF HOUSE	ELECTRICAL ROOM	X												X		NA			
BACK OF HOUSE	MECHANICAL ROOM	X												X		NA			
BACK OF HOUSE	STORAGE	X									X	10	X	X		NA			
BACK OF HOUSE	ALL OTHER UNLISTED 'BACK OF HOUSE' SPACES	X									X	10	X	X		NA			
COMMON	BREAK ROOM / LOUNGE	X				X	X	X	X		X	10	X	X		120			
COMMON	CIRCULATION	X				X	X	X	X		X	10	X	X		120			
COMMON	COMMUNITY HUB					a. TYPE ...													
						b. TYPE ...													
						c. TYPE ...	X	X	X	X	X	10	X	X		120	6	CWO	
						d. TYPE ...													
						e. TYPE ...													
COMMON	RESTROOM, MULTI-USER	X									X	10							
COMMON	RESTROOM, SINGLE-USER	X									X	10	X						
OFFICE/CONF/MTG	CONFERENCE RM, 1-4 PERSONS	X									X	10	X	X		NA			
OFFICE/CONF/MTG	CONFERENCE RM, 5-12 PERSONS	X									X	10	X	X		NA	4	CWO	
OFFICE/CONF/MTG	CONFERENCE RM, 12 PERSONS+	X									X	10	X	X		NA	6	CWO	
OFFICE/CONF/MTG	OFFICE, OPEN	X				X	X	X	X		X	10	X	X		NA			
OFFICE/CONF/MTG	OFFICE, PRIVATE	X									X	10	X	X		NA			
OTHER	COPY ROOM	X									X	10	X	X		NA			
OTHER	MAIL ROOM	X									X	10	X	X		NA			
OTHER	PARKING	X									X	10	X	X		120		{1}	
EXTERIOR	EXTERIOR	X				X				DUSK	DAWN								

GENERAL NOTES

- A. FOR LIGHTS SHOWN ON PLANS THAT ARE DENOTED AS EMERGENCY, PROVIDE UL924 DEVICE(S) SUCH THAT THEY TURN ON AND PROVIDE FULL OUTPUT UPON LOSS OF NORMAL POWER OR FIRE ALARM SYSTEM ACTIVATION. UNDER NORMAL CONDITIONS, EMERGENCY LIGHTS SHALL BE CONTROLLED IN THE SAME MANNER AS SIMILAR, NEARBY, NORMAL POWER LIGHTS.

SCHEDULE NOTES

- * PROVIDE SUB-CONTROL ZONES AS REQUIRED SUCH THAT LOCAL PHOTO SENSORS CAN INDEPENDENTLY CONTROL FIXTURE GROUPS THAT SPAN DIFFERENT DAYLIGHT ZONES. E.G. WHERE A GROUP OF DOWNLIGHTS SERVE THE SAME SPACE, BUT SOME ARE IN A PRIMARY DAYLIGHT ZONE, SOME IN A SECONDARY DAYLIGHT ZONE, AND SOME IN A GENERAL LIGHTING ZONE, THEY SHALL BE PROVIDED WITH THE FOLLOWING SEPARATE SUB-CONTROL ZONES:
 - A. DOWNLIGHTS - PRIMARY DAYLIGHT ZONE
 - B. DOWNLIGHTS - SECONDARY DAYLIGHT ZONE
 - C. DOWNLIGHTS - GENERAL LIGHTING ZONE
 WHERE MANUAL LOCAL CONTROL IS ALSO SPECIFIED, MANUAL CONTROL IS ONLY REQUIRED FOR AN OVERALL CONTROL ZONE. IN THE EXAMPLE DISCUSSED ABOVE, MANUAL CONTROL FOR ALL DOWNLIGHTS IN THE SPACE WOULD BE REQUIRED (NOT INDIVIDUAL MANUAL CONTROL FOR EACH SUB-CONTROL ZONE). AUTOMATIC DAYLIGHT RESPONSE WOULD STILL OCCUR FOR FIXTURES IN DAYLIT ZONES.
- ** PROVIDE INDEPENDENT LOCAL CONTROL FOR EACH ZONE SPECIFIED. WHERE LOCAL CONTROL ACTS AS A MANUAL OVERRIDE TO AUTOMATED BEHAVIOR, MANUAL OVERRIDE CONTROL SHALL LAST FOR THE DURATION LISTED, OR UNTIL LIGHTING IN THE AREA NEXT TURNS OFF, WHICHEVER EVENT OCCURS FIRST.
- † PROVIDE USER-PROGRAMMABLE SCENE CONTROLLER.
- ++ NOT USED.
- ‡ NOT USED.
- ## NOT USED.

SCHEDULE REMARKS (#)

- {1} PROVIDE SENSORS AS REQUIRED TO DETECT BOTH VEHICLES AND HUMANS.
- {2} NOT USED.
- {3} NOT USED.

ABBREVIATIONS
 CWO COORDINATE WITH OWNER
 DT DUAL-TECH
 IR INFRA-RED
 LC LOCAL CONTROLLER
 NA NOT APPLICABLE
 OS OCCUPANCY SENSOR
 US ULTRASONIC
 UNO UNLESS NOTED OTHERWISE
 VS VACANCY SENSOR



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 PROJECT ADDRESS:
 625 BAY ST PORT ORCHARD WA 98366

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APPROVAL STAMPS

MARK	DATE	DESCRIPTION
REVISIONS		

C	06/22/2023	DO PERMIT PREP
B	02/23/2023	SD PRICE SET
A	03/01/2022	CONCEPT DESIGN PRICE SET

PROJECT NO.: **2020016.01**
 GGLO PRINCIPAL IN CHARGE: **JF**
 GGLO PROJECT MANAGER: **MP**
 OWNER APPROVAL:

SHEET TITLE
LIGHTING CONTROL NOTES AND SOO

SHEET NO.
E-004

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WEST EAST

KEY PLAN

PROJECT:
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PROJECT NO.: **2020016.01**

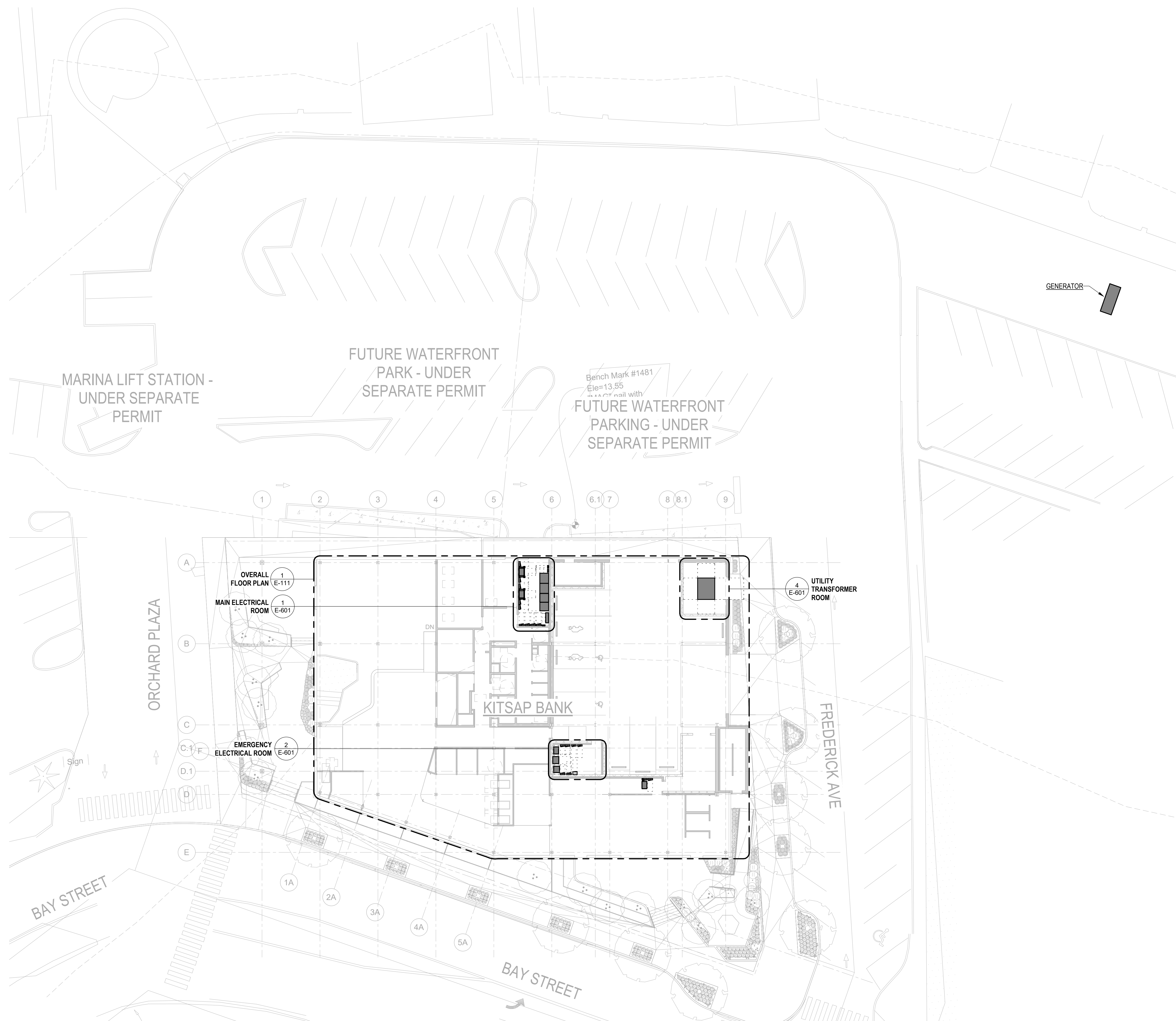
GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

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SHEET TITLE
SITE PLAN - POWER

SHEET NO.
E-100



1 POWER SITE PLAN
SCALE: 1/16" = 1'-0"



0' 5' 10' 20'

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SHEET NOTES

- REFER TO ADDITIONAL APPLICABLE NOTES ON SHEET E001.
- REFER TO E2XX SERIES OF SHEETS FOR POWER CONNECTIONS TO MECHANICAL AND PLUMBING EQUIPMENT THAT CORRESPONDS TO THE MECHANICAL AND PLUMBING EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE ON SHEET E003.

KEYED NOTES

- SUSPEND TRANSFORMER FROM ABOVE. MAINTAIN A MINIMUM OF 10'-0" CLEAR FROM FLOOR.
- SUPPORT SYSTEM FOR TRANSFORMER SHALL BE DELEGATED DESIGN-BUILD EFFORT PER ELECTRICAL SPECIFICATIONS.

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KEY PLAN

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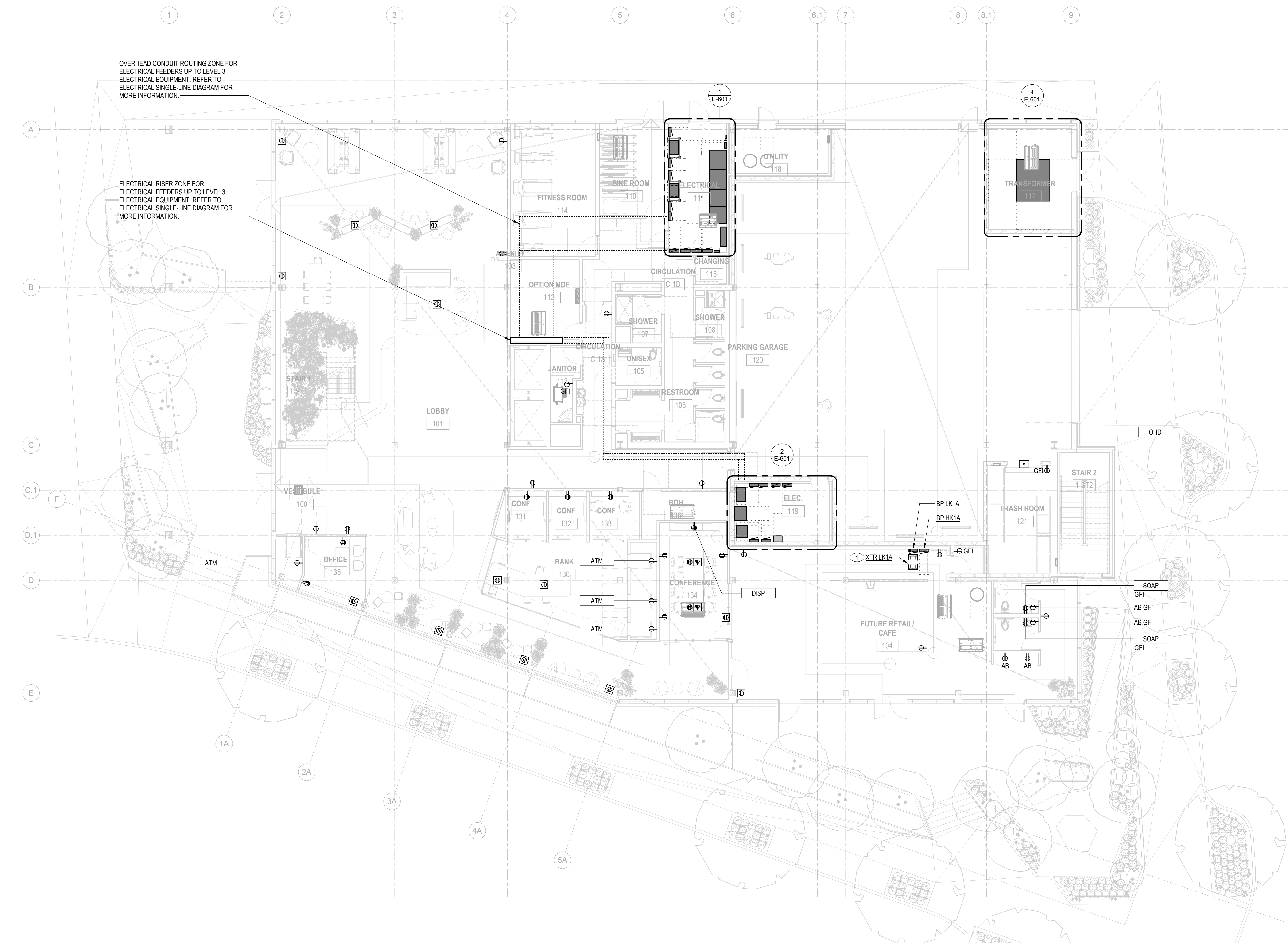
SHEET TITLE

OVERALL FLOOR PLAN - LEVEL 1 - POWER

SHEET NO.

E-111

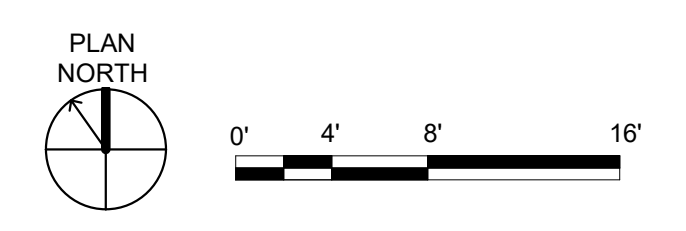
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OVERHEAD CONDUIT ROUTING ZONE FOR ELECTRICAL FEEDERS UP TO LEVEL 3 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL SINGLE-LINE DIAGRAM FOR MORE INFORMATION.

ELECTRICAL RISER ZONE FOR ELECTRICAL FEEDERS UP TO LEVEL 3 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL SINGLE-LINE DIAGRAM FOR MORE INFORMATION.

1 LEVEL 1 - FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"



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SHEET NOTES

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KEY PLAN

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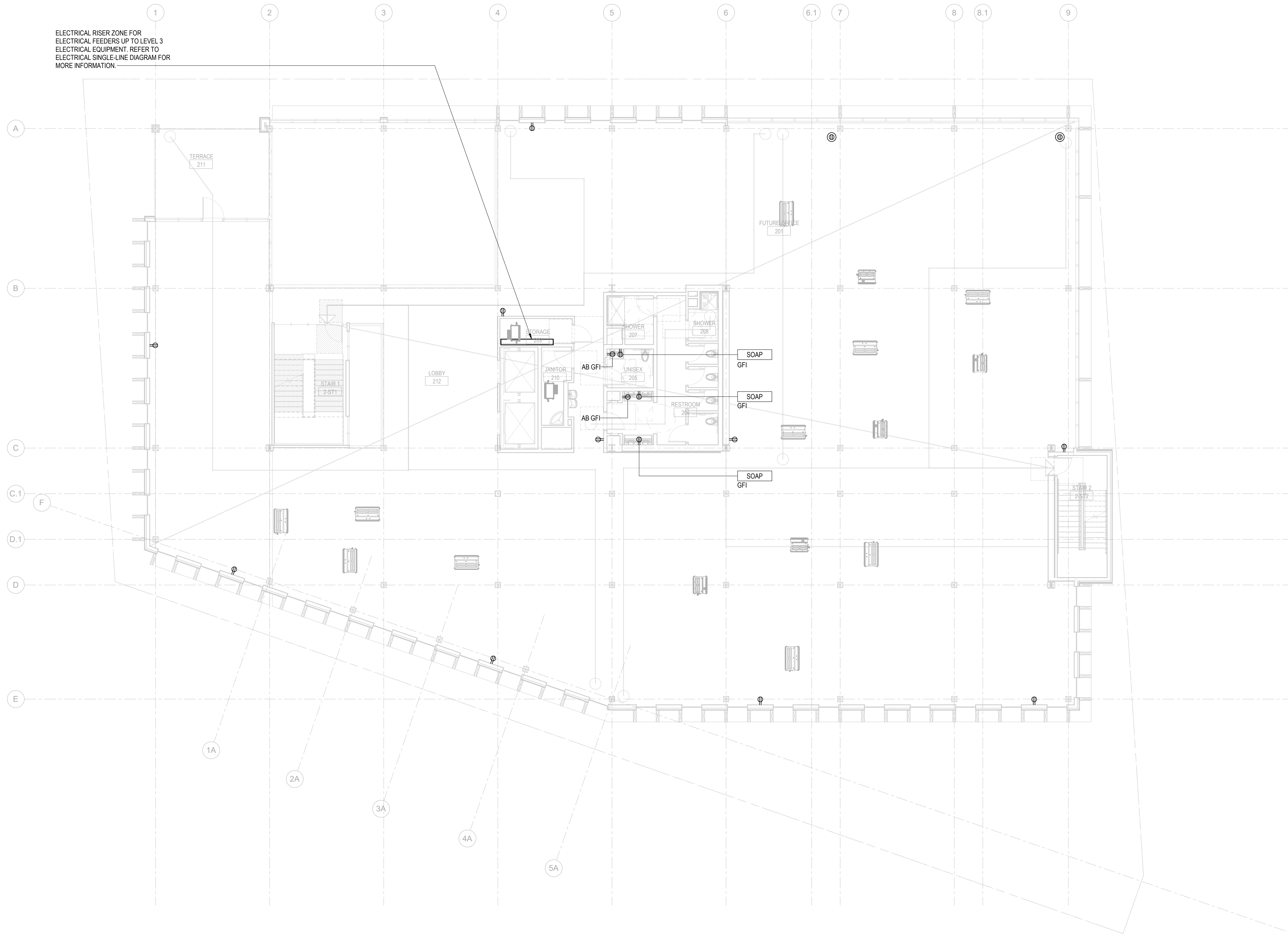
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OVERALL FLOOR PLAN - LEVEL 2 - POWER

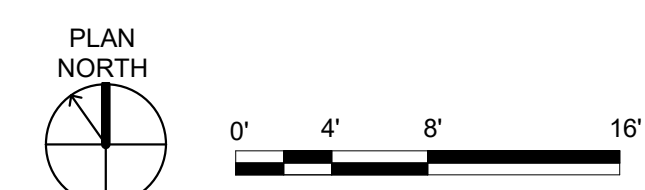
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E-112

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ELECTRICAL RISER ZONE FOR ELECTRICAL FEEDERS UP TO LEVEL 3 ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL SINGLE-LINE DIAGRAM FOR MORE INFORMATION.



1 LEVEL 2 - FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"



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- REFER TO ADDITIONAL APPLICABLE NOTES ON SHEET E001.
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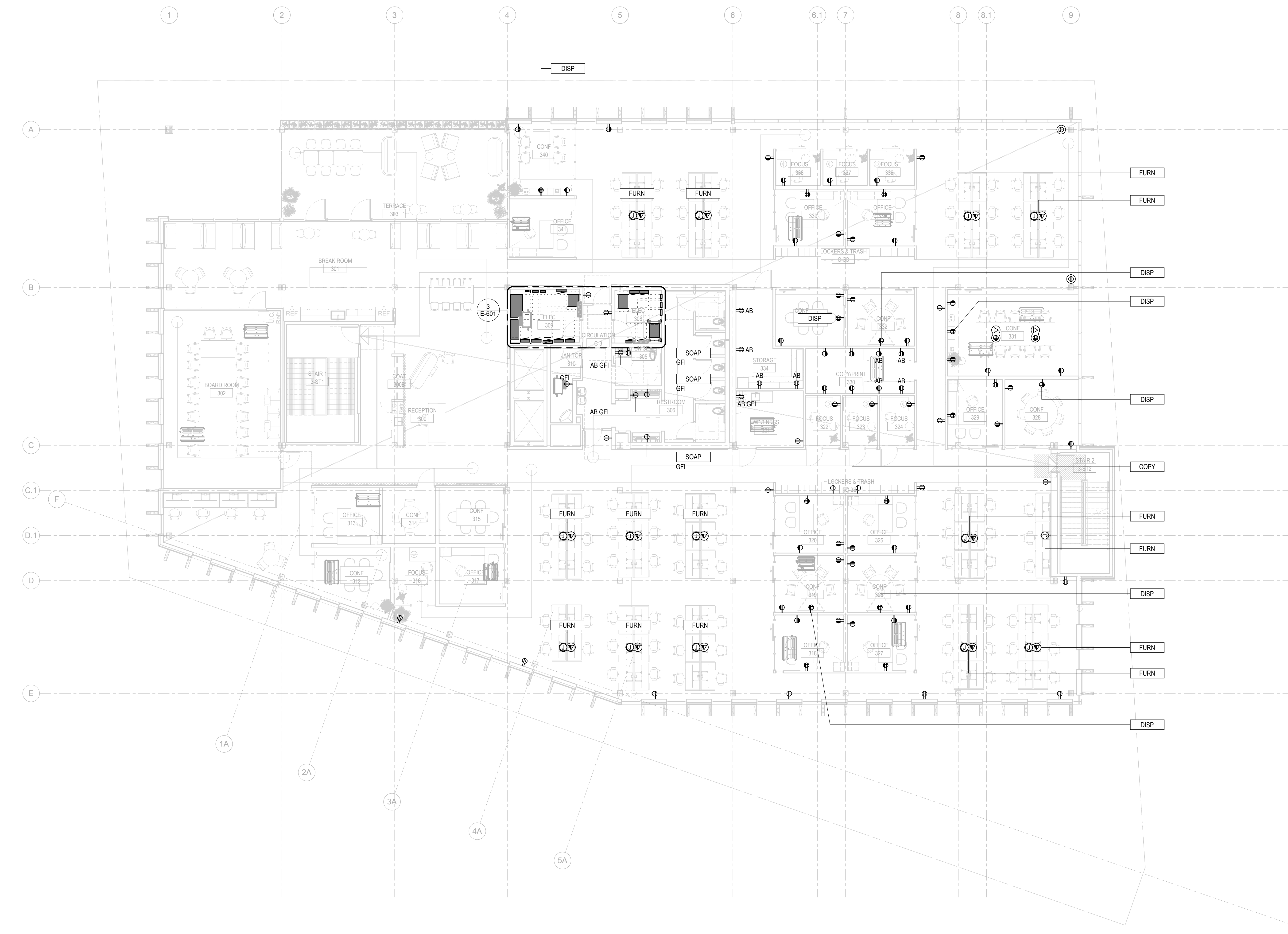
OVERALL FLOOR PLAN - LEVEL 3 - POWER

SHEET NO.

E-113

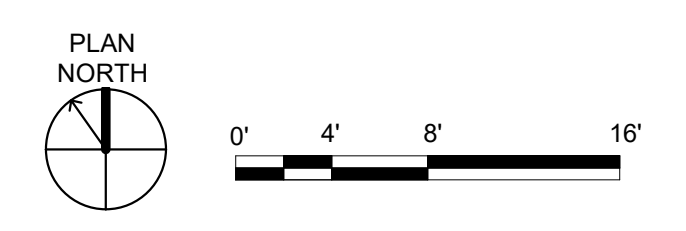
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06.22.2023 - PERMIT SET - FOR REFERENCE ONLY



1 LEVEL 3 - FLOOR PLAN - POWER

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



PROJECT DATE: 06/20/23 3:51:11 PM

SHEET NOTES

- REFER TO ADDITIONAL APPLICABLE NOTES ON SHEET E001.
- REFER TO E2XX SERIES OF SHEETS FOR POWER CONNECTIONS TO MECHANICAL AND PLUMBING EQUIPMENT THAT CORRESPONDS TO THE MECHANICAL AND PLUMBING EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE ON SHEET E003.

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KEY PLAN

PROJECT:
KITSAP BANK HEADQUARTERS

PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**

GLUMAC
A TETRA TECH COMPANY
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999 SW Fifth Ave., Suite 1600
Portland, OR 97204
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T: 503.227.5386
Project Manager: Paul Leonetti
Job No.: 150-23/050122

APPROVAL STAMPS

MARK DATE DESCRIPTION

REVISIONS

C 06/22/2023 DO PERMIT PREP

B 02/23/2023 SD PRICE SET

A 03/01/2022 CONCEPT DESIGN PRICE SET

MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**

GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

OWNER APPROVAL:

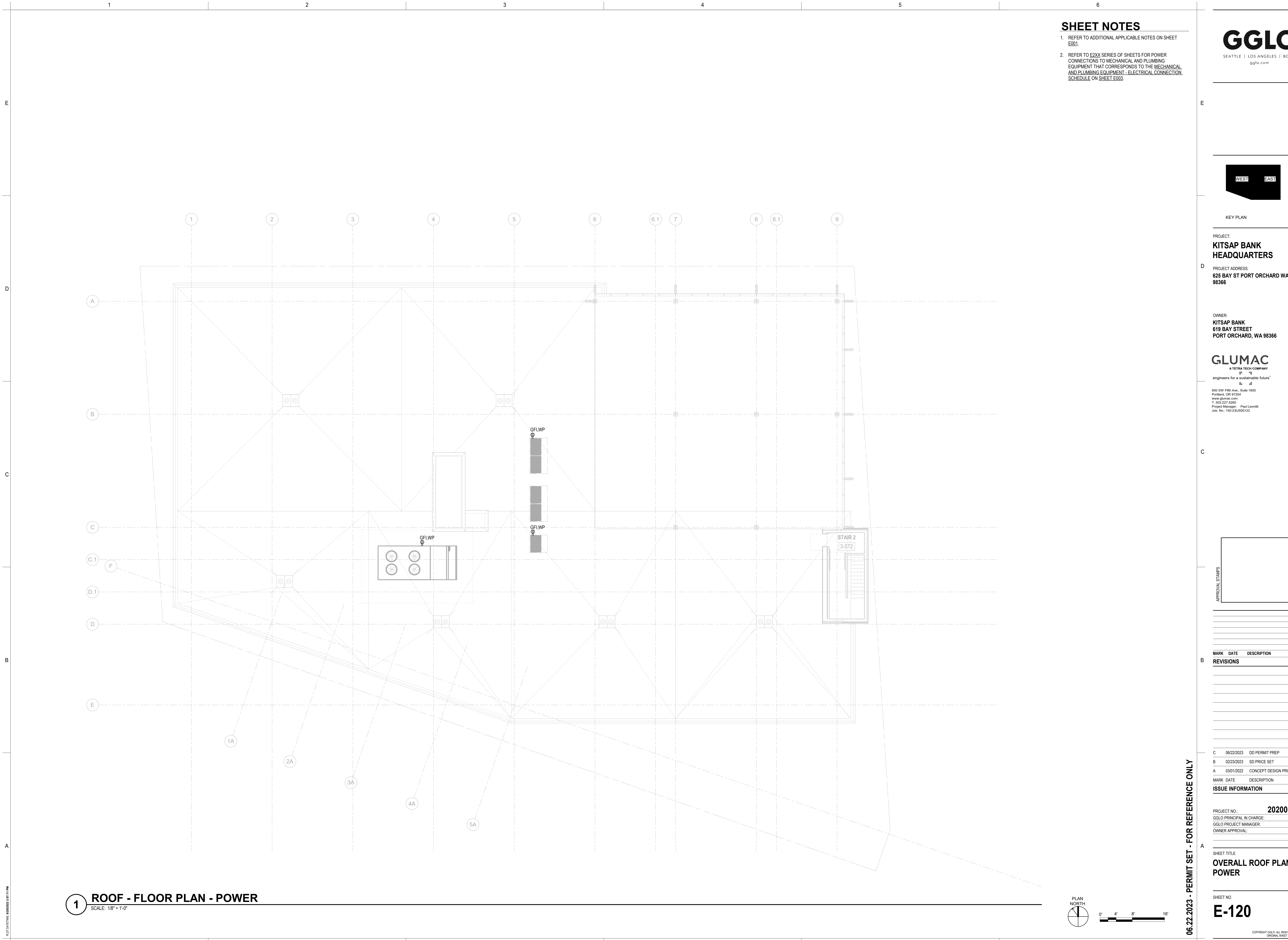
SHEET TITLE
OVERALL ROOF PLAN - POWER

SHEET NO.

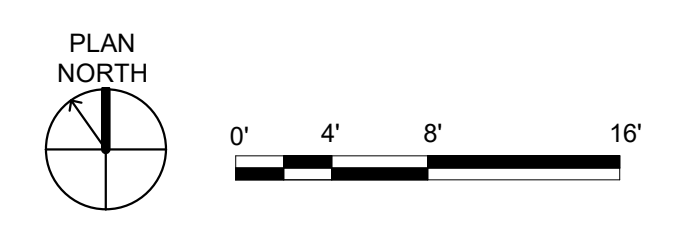
E-120

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ORIGINAL SHEET SIZE IS 36"X42"

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1 ROOF - FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"



PROJECT DATE: 06/20/23 3:51:11 PM

SHEET NOTES

1. REFER TO ADDITIONAL APPLICABLE NOTES ON SHEET E001.
2. THIS SHEET (AND ALL E2XX SERIES SHEETS) ARE DEDICATED TO SHOWING POWER CONNECTIONS TO MECHANICAL AND PLUMBING EQUIPMENT THAT CORRESPONDS TO THE MECHANICAL AND PLUMBING EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE ON SHEET E003. REFER TO E1XX SERIES OF SHEETS FOR GENERAL POWER.

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KEY PLAN

PROJECT:
KITSAP BANK HEADQUARTERS

PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**

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Job No.: 150-23/00122

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MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**

GGLO PRINCIPAL IN CHARGE: JF

GGLO PROJECT MANAGER: MP

OWNER APPROVAL:

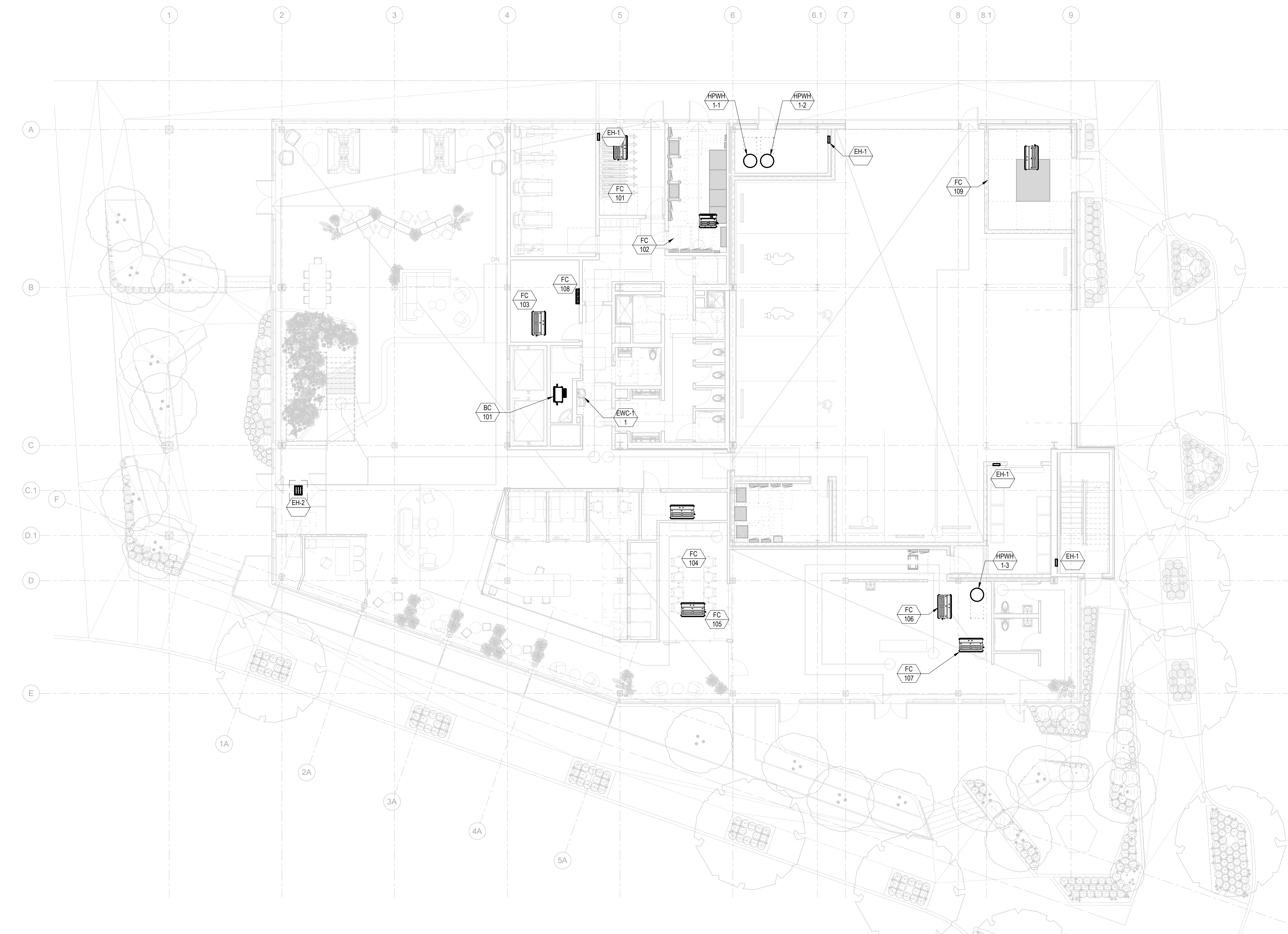
SHEET TITLE
**OVERALL FLOOR PLAN -
LEVEL 1 - POWER - MECH
AND PLUMB**

SHEET NO.

E-211

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ORIGINAL SHEET SIZE IS 30"X42"

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1 LEVEL 1 - FLOOR PLAN - POWER - MECHANICAL AND PLUMBING

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

PROJECT DATE: 06/20/23 3:15 PM

SHEET NOTES

1. REFER TO ADDITIONAL APPLICABLE NOTES ON SHEET E001.
2. THIS SHEET (AND ALL E2XX SERIES SHEETS) ARE DEDICATED TO SHOWING POWER CONNECTIONS TO MECHANICAL AND PLUMBING EQUIPMENT THAT CORRESPONDS TO THE MECHANICAL AND PLUMBING EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE ON SHEET E003. REFER TO E1XX SERIES OF SHEETS FOR GENERAL POWER.

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KEY PLAN

PROJECT:
KITSAP BANK HEADQUARTERS

PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

OWNER:
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619 BAY STREET
PORT ORCHARD, WA 98366**

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APPROVAL STAMPS

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A 03/01/2022 CONCEPT DESIGN PRICE SET

MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**

GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

OWNER APPROVAL:

SHEET TITLE
OVERALL FLOOR PLAN - LEVEL 2 - POWER - MECH AND PLUMB

SHEET NO.

E-212

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1 LEVEL 2 - FLOOR PLAN - POWER - MECHANICAL AND PLUMBING
SCALE: 1/8" = 1'-0"

PROJECT DATE: 06/20/23 3:27:18 PM

SHEET NOTES

1. REFER TO ADDITIONAL APPLICABLE NOTES ON SHEET E-01.
2. THIS SHEET (AND ALL E2XX SERIES SHEETS) ARE DEDICATED TO SHOWING POWER CONNECTIONS TO MECHANICAL AND PLUMBING EQUIPMENT THAT CORRESPONDS TO THE MECHANICAL AND PLUMBING EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE ON SHEET E-03. REFER TO E1XX SERIES OF SHEETS FOR GENERAL POWER.

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KEY PLAN

PROJECT:
KITSAP BANK HEADQUARTERS

PROJECT ADDRESS:
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OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**

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A 03/01/2022 CONCEPT DESIGN PRICE SET

MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**

GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

OWNER APPROVAL:

SHEET TITLE

**OVERALL FLOOR PLAN -
LEVEL 3 - POWER - MECH
AND PLUMB**

SHEET NO.

E-213

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ORIGINAL SHEET SIZE IS 34"X42"

06.22.2023 - PERMIT SET - FOR REFERENCE ONLY



1 LEVEL 3 - FLOOR PLAN - POWER - MECHANICAL AND PLUMBING

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

PROJECT DATE: 06/20/23 3:57:21 PM

SHEET NOTES

1. REFER TO ADDITIONAL APPLICABLE NOTES ON SHEET E201.
2. THIS SHEET (AND ALL E2XX SERIES SHEETS) ARE DEDICATED TO SHOWING POWER CONNECTIONS TO MECHANICAL AND PLUMBING EQUIPMENT THAT CORRESPONDS TO THE MECHANICAL AND PLUMBING EQUIPMENT - ELECTRICAL CONNECTION SCHEDULE ON SHEET E003. REFER TO E1XX SERIES OF SHEETS FOR GENERAL POWER.

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KEY PLAN

PROJECT:
KITSAP BANK HEADQUARTERS

PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**

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APPROVAL STAMPS

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REVISIONS

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B 02/23/2023 SD PRICE SET

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MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**

GGLO PRINCIPAL IN CHARGE: **JF**

GGLO PROJECT MANAGER: **MP**

OWNER APPROVAL:

SHEET TITLE

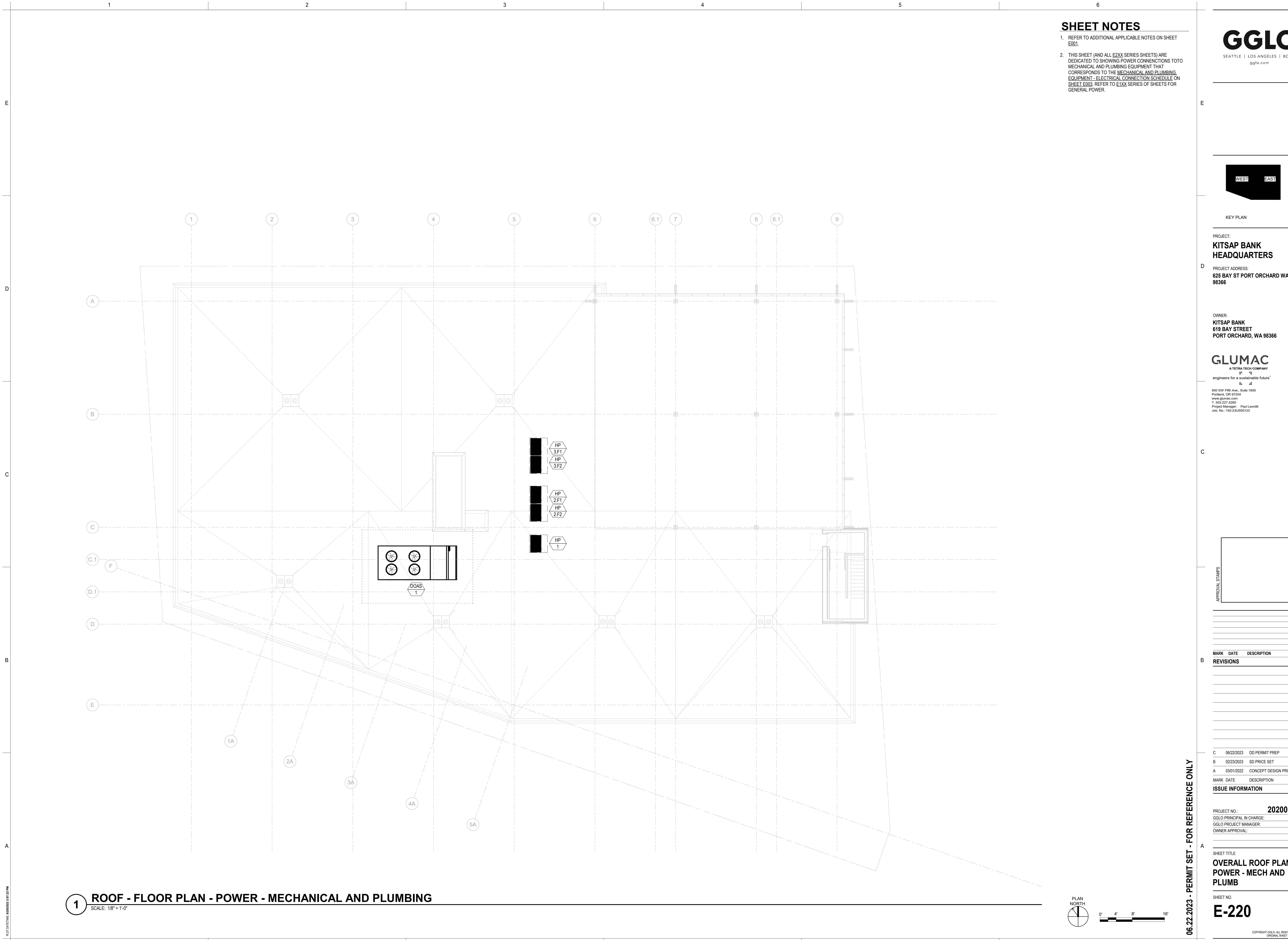
**OVERALL ROOF PLAN -
POWER - MECH AND
PLUMB**

SHEET NO.

E-220

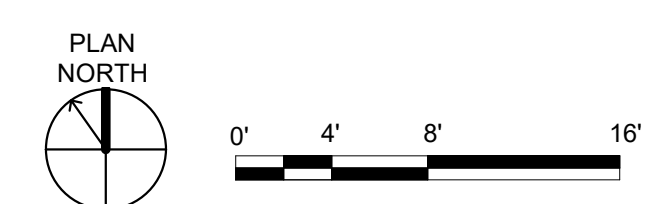
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ORIGINAL SHEET SIZE IS 34"X42"

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1 ROOF - FLOOR PLAN - POWER - MECHANICAL AND PLUMBING

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



PROJECT DATE: 06/20/23 3:57:21 PM

APPROVAL STAMPS

MARK	DATE	DESCRIPTION
REVISIONS		

MARK	DATE	DESCRIPTION
ISSUE INFORMATION		

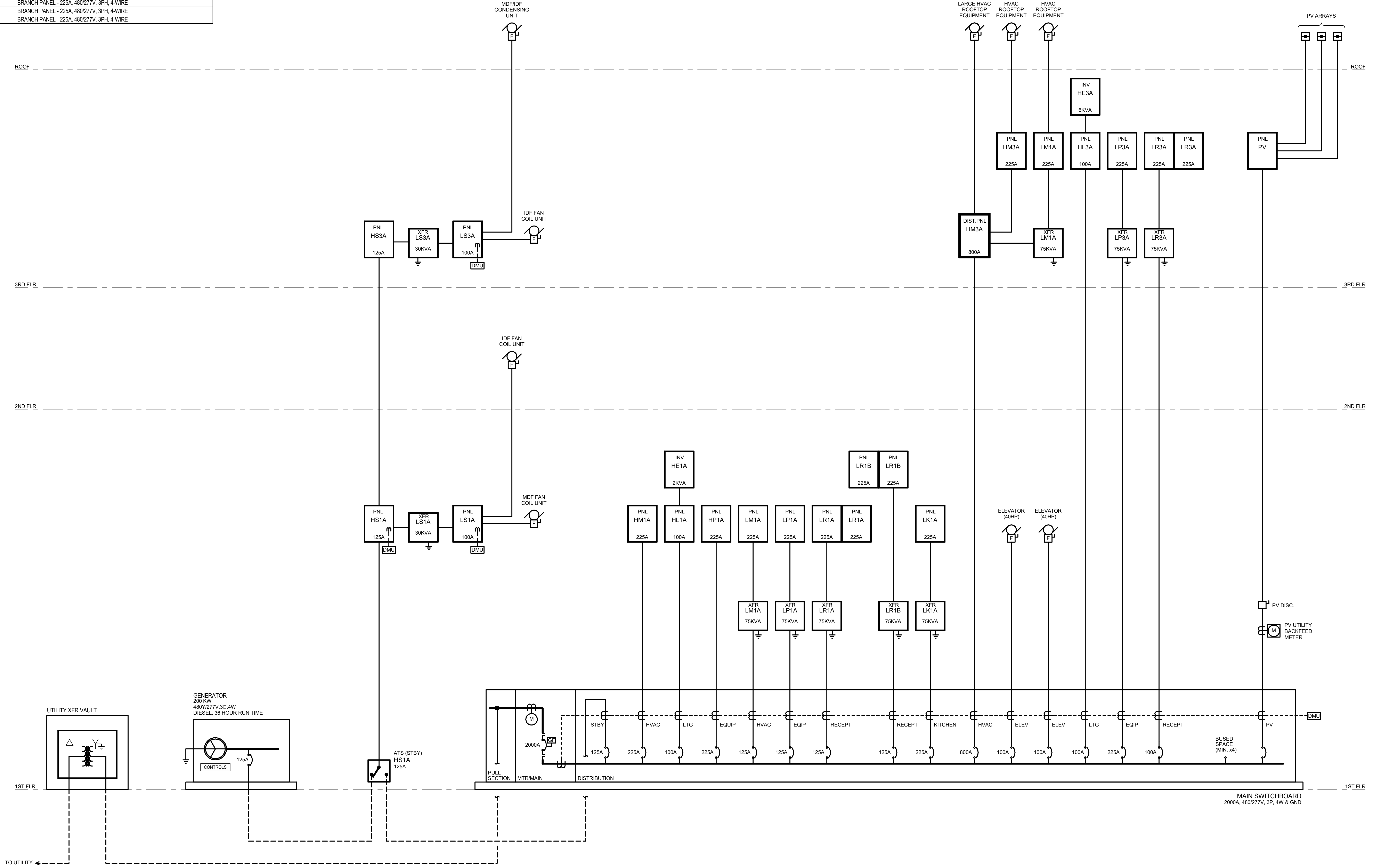
PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: JF
GGLO PROJECT MANAGER: MP
OWNER APPROVAL:

SHEET TITLE
ELECTRICAL SINGLE-LINE DIAGRAM

SHEET NO.
E-500

TAGNAME	DESCRIPTION
ATS HS1A	ATS - 125A, 480V, 3PH, 4-POLE
BP LS1A	BRANCH PANEL - 100A, 208/120V, 3PH, 4-WIRE
BP LS3A	BRANCH PANEL - 100A, 208/120V, 3PH, 4-WIRE
BP LK1A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LM1A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LM3A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LP1A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LP3A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LR1A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LR1B	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LR1B	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LR3A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LR3A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP LV1A	BRANCH PANEL - 225A, 208/120V, 3PH, 4-WIRE
BP HL1A	BRANCH PANEL - 100A, 480/277V, 3PH, 4-WIRE
BP HL3A	BRANCH PANEL - 100A, 480/277V, 3PH, 4-WIRE
BP HS1A	BRANCH PANEL - 125A, 480/277V, 3PH, 4-WIRE
BP HS3A	BRANCH PANEL - 125A, 480/277V, 3PH, 4-WIRE
BP H1MA	BRANCH PANEL - 225A, 480/277V, 3PH, 4-WIRE
BP H1PA	BRANCH PANEL - 225A, 480/277V, 3PH, 4-WIRE
BP HK1A	BRANCH PANEL - 225A, 480/277V, 3PH, 4-WIRE

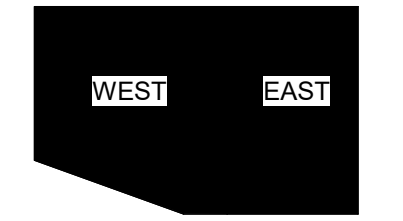
TAGNAME	DESCRIPTION
BP HM3A	BRANCH PANEL - 225A, 480/277V, 3PH, 4-WIRE
DP HM3A	DISTRIBUTION PANEL - 800A, 480/277V, 3PH, 4-WIRE
GENERATOR	GENERATOR - 200KW, 480/277V, 3PH, 4-WIRE, DIESEL, 8-HOUR TANK, SOUND ATTENUATED ENCLOSURE
INV HE1A	EMERGENCY BATTERY INVERTER - 2.25 KW, 277V, 1PH
INV HE3A	EMERGENCY BATTERY INVERTER - 6.00 KW, 277V, 1PH
MSB	MAIN SWITCHBOARD - 2000A, 480/277V, 3PH, 4-WIRE
XFR LS1A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 30KVA
XFR LS3A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 30KVA
XFR LK1A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA
XFR LM1A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA
XFR LM3A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA
XFR LP1A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA
XFR LP3A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA
XFR LR1A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA
XFR LR1B	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA
XFR LR3A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA
XFR LV1A	480/277V-TO-208/120V STEP-DOWN TRANSFORMER, 75KVA



1 ELECTRICAL SINGLE-LINE DIAGRAM
SCALE: NO SCALE

AREA ---

06.22.2023 - PERMIT SET - FOR REFERENCE ONLY



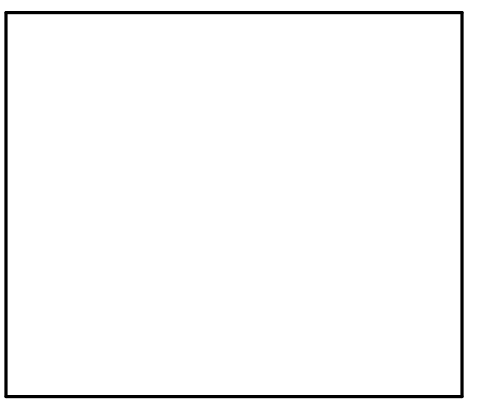
KEY PLAN

PROJECT:
KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

OWNER:
KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366

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Project Manager: Paul Leonetti
Job No.: 150-23-00122



MARK DATE DESCRIPTION

REVISIONS

MARK	DATE	DESCRIPTION
C	06/22/2023	DO PERMIT PREP
B	02/23/2023	SD PRICE SET
A	03/01/2022	CONCEPT DESIGN PRICE SET

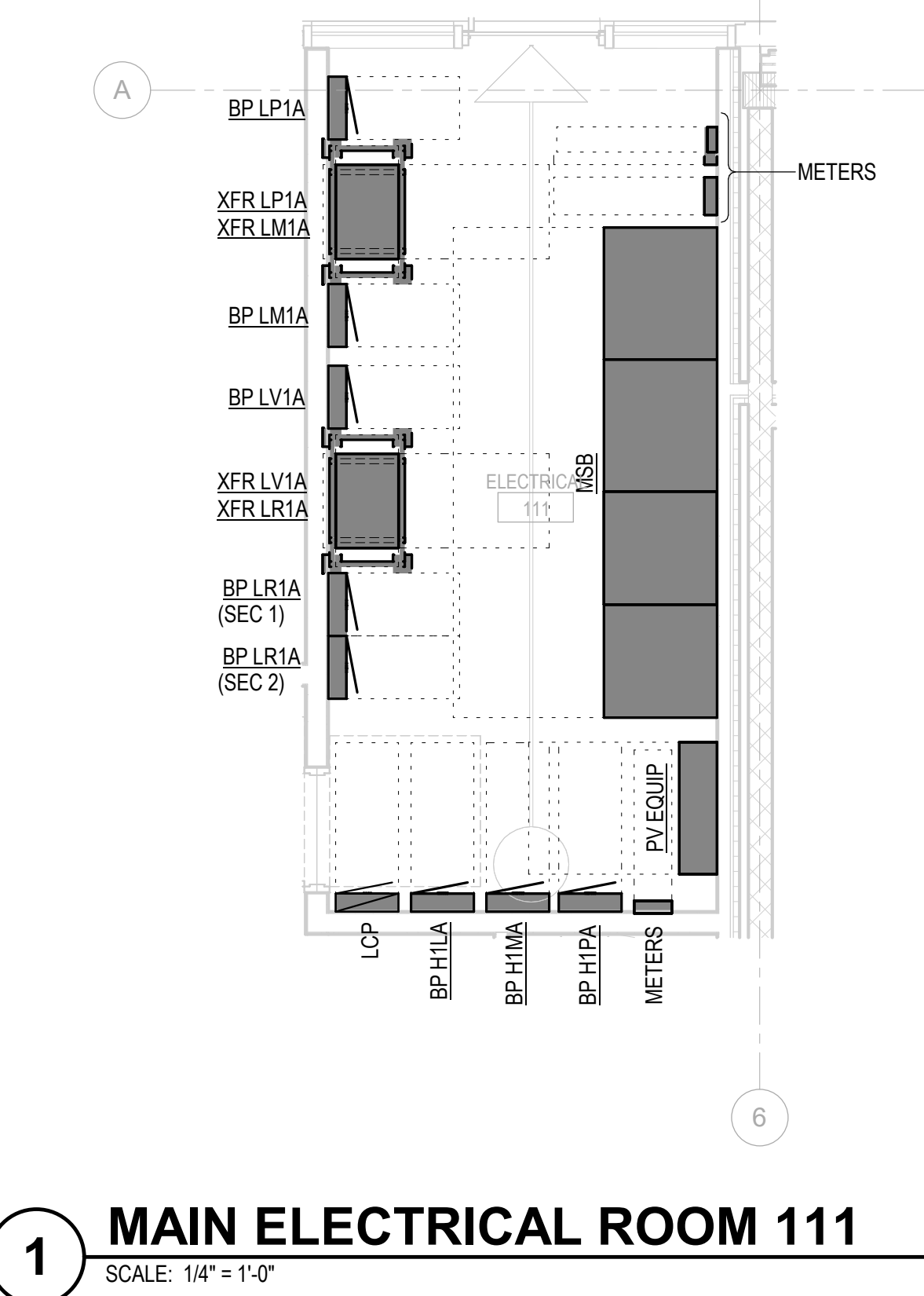
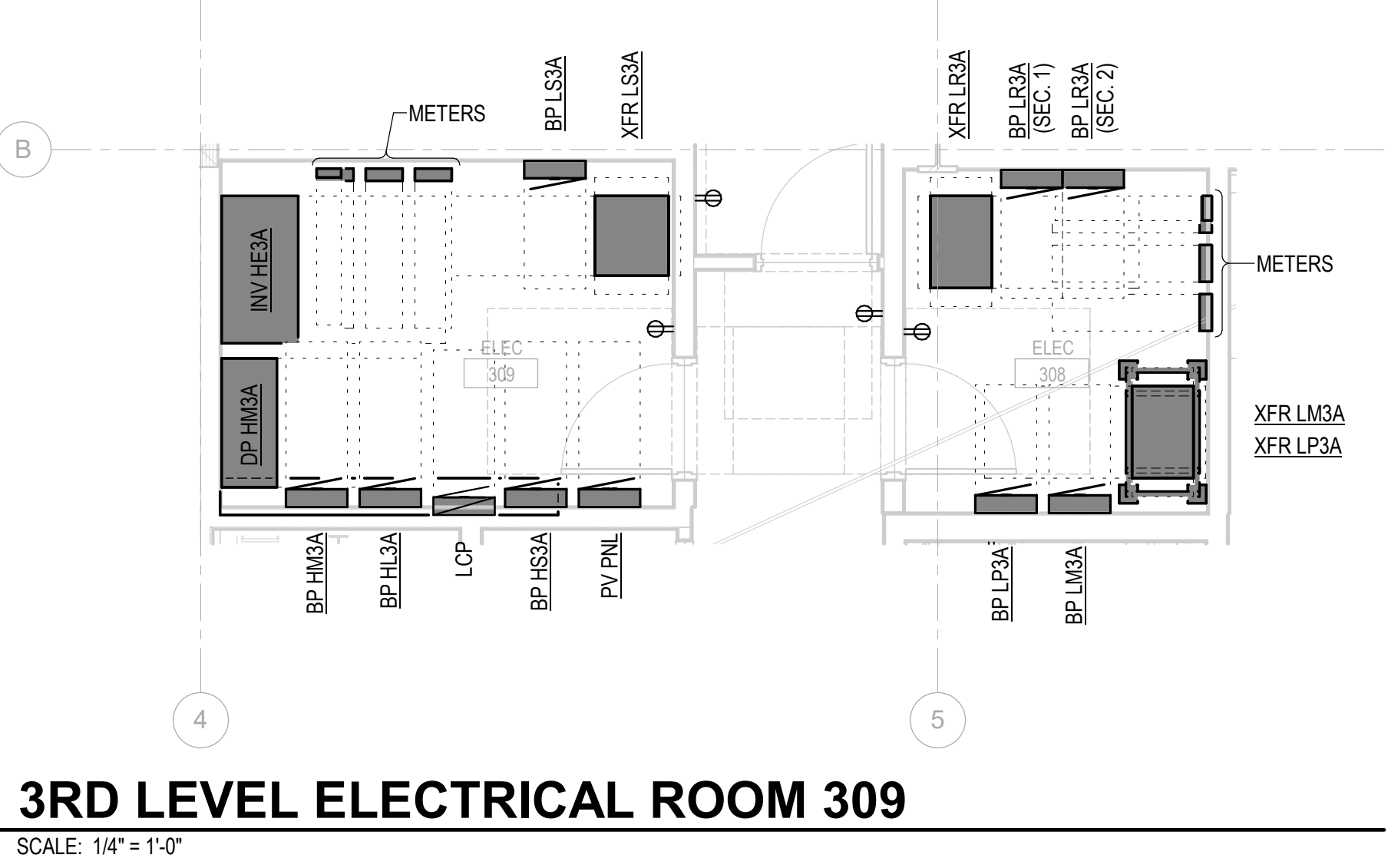
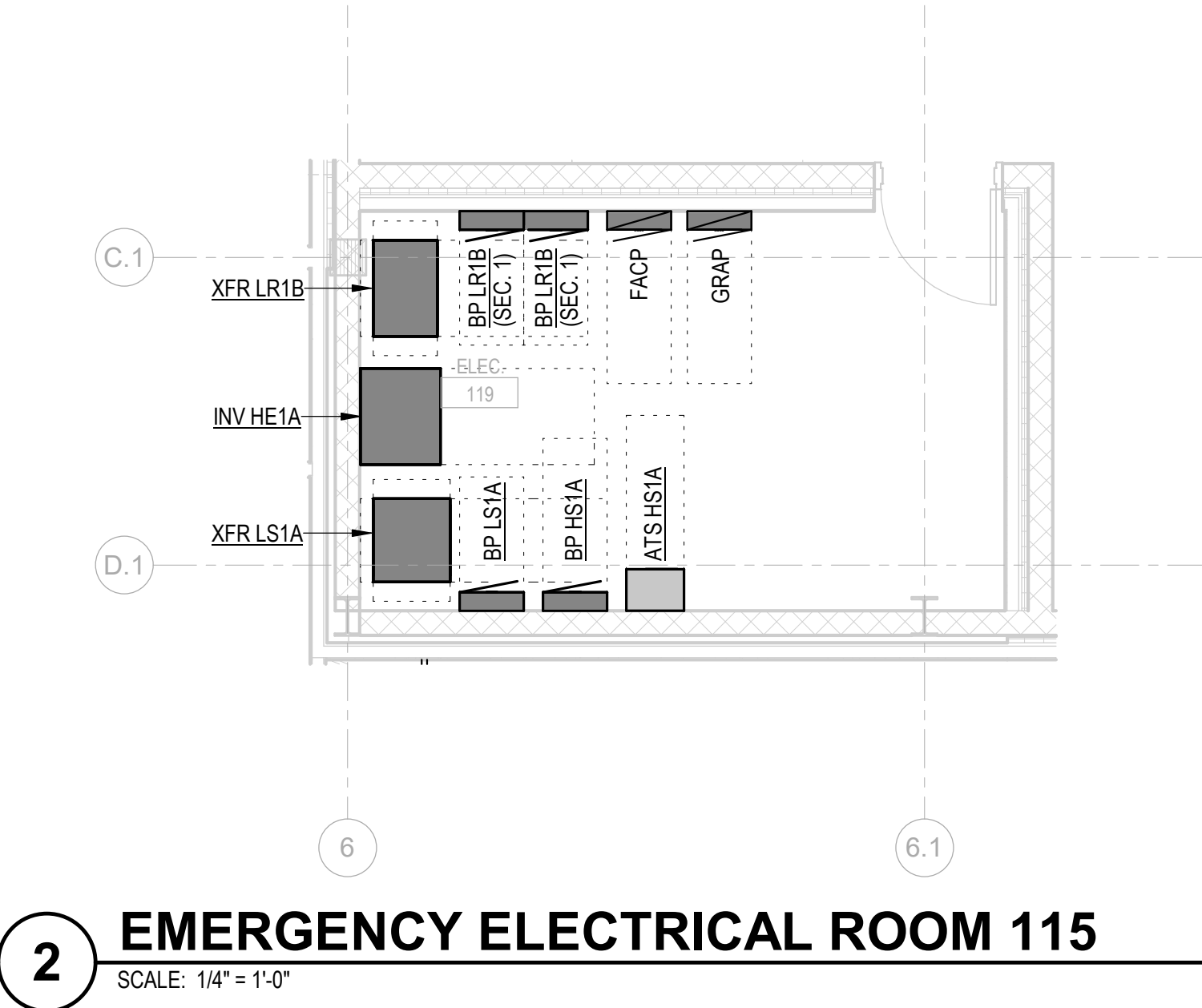
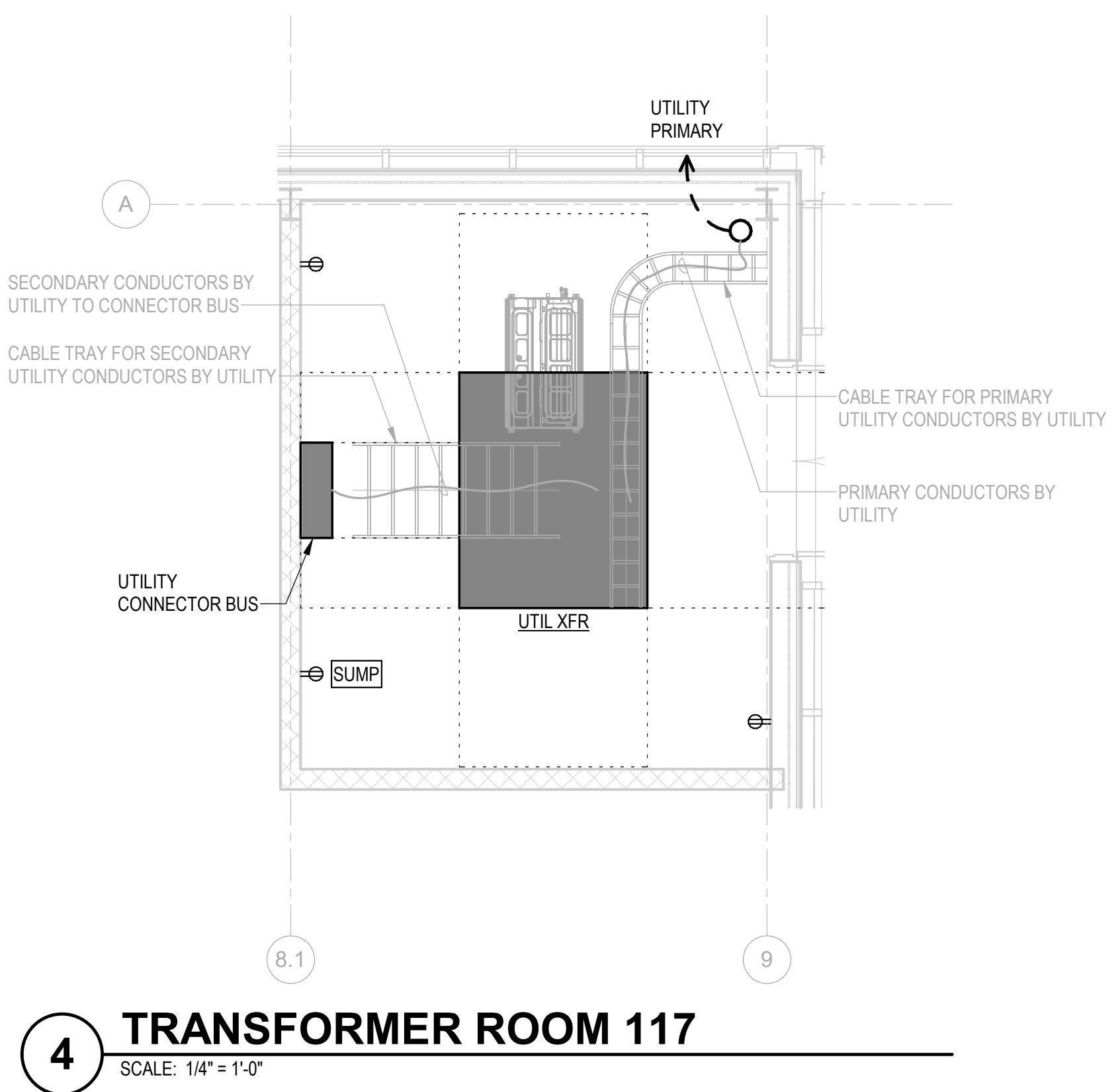
ISSUE INFORMATION

MARK	DATE	DESCRIPTION
C	06/22/2023	DO PERMIT PREP
B	02/23/2023	SD PRICE SET
A	03/01/2022	CONCEPT DESIGN PRICE SET

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: JF
GGLO PROJECT MANAGER: MP
OWNER APPROVAL:

SHEET TITLE
ENLARGED PLANS

SHEET NO.
E-601



06.22.2023 - PERMIT SET - FOR REFERENCE ONLY

E
D
C
B
A

PROJECT DATE/TIME: 06/20/23 3:57:29 PM

1 2 3 4 5 6

1 2 3 4 5 6

PROJECT:
KITSAP BANK HEADQUARTERS
PROJECT ADDRESS:
625 BAY ST PORT ORCHARD WA 98366

OWNER:
**KITSAP BANK
619 BAY STREET
PORT ORCHARD, WA 98366**

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Job No.: 150-23/050122

APPROVAL STAMPS

MARK	DATE	DESCRIPTION
REVISIONS		

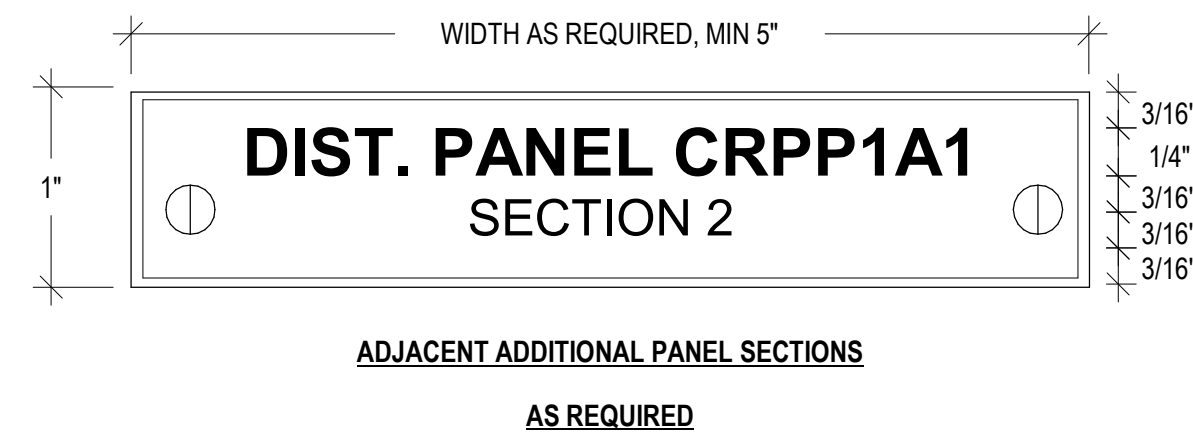
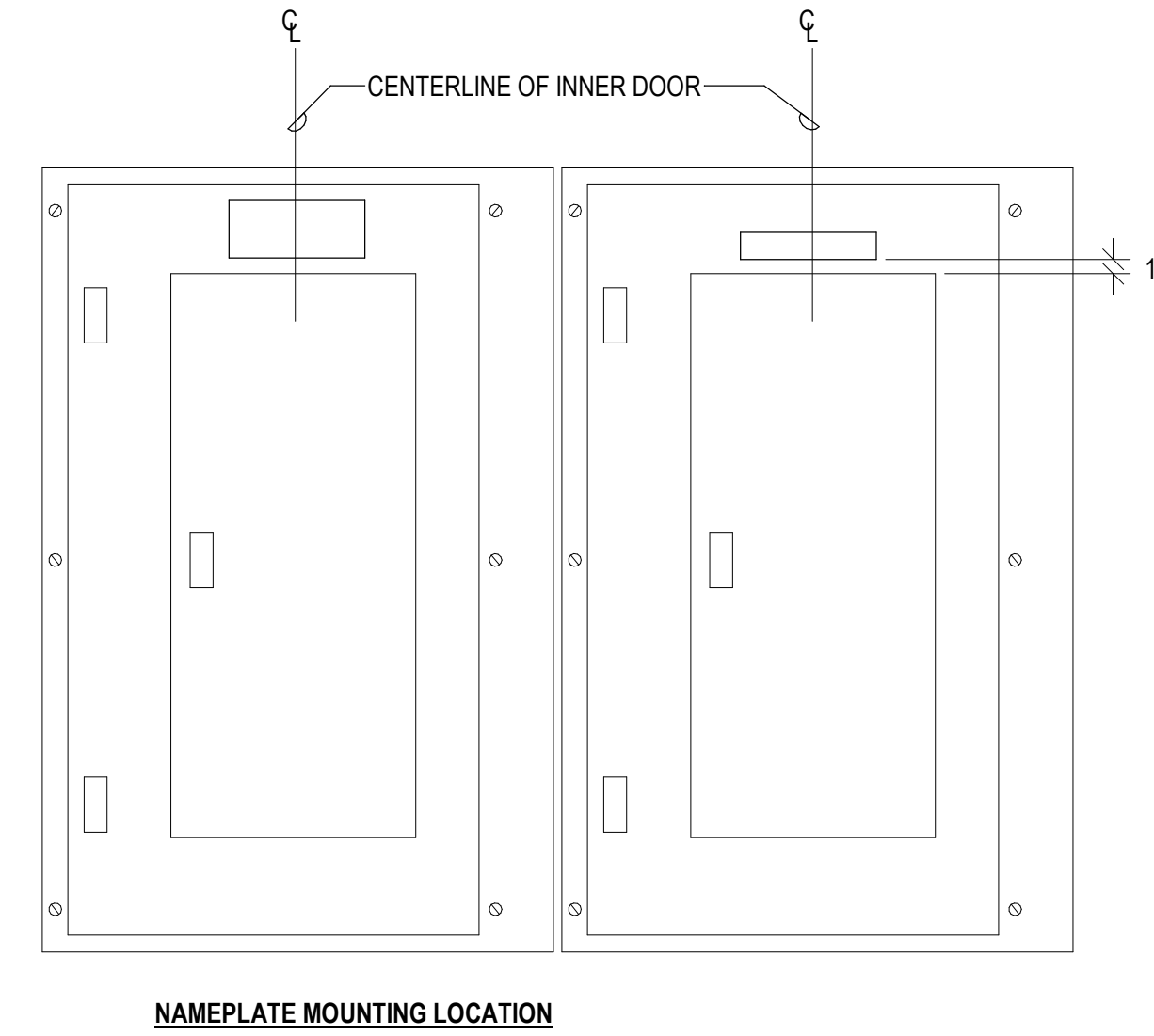
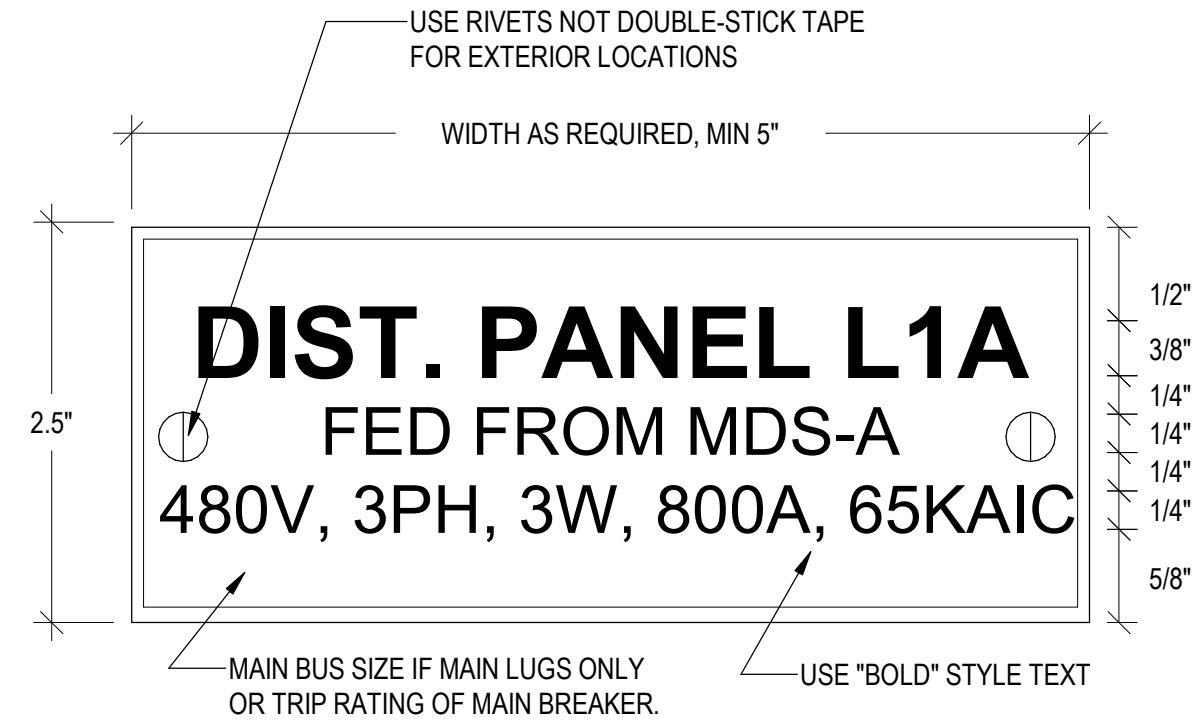
MARK	DATE	DESCRIPTION
A	03/01/2022	CONCEPT DESIGN PRICE SET

MARK	DATE	DESCRIPTION
ISSUE INFORMATION		

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
ELECTRICAL DETAILS - IDENTIFICATION

SHEET NO.
E-901



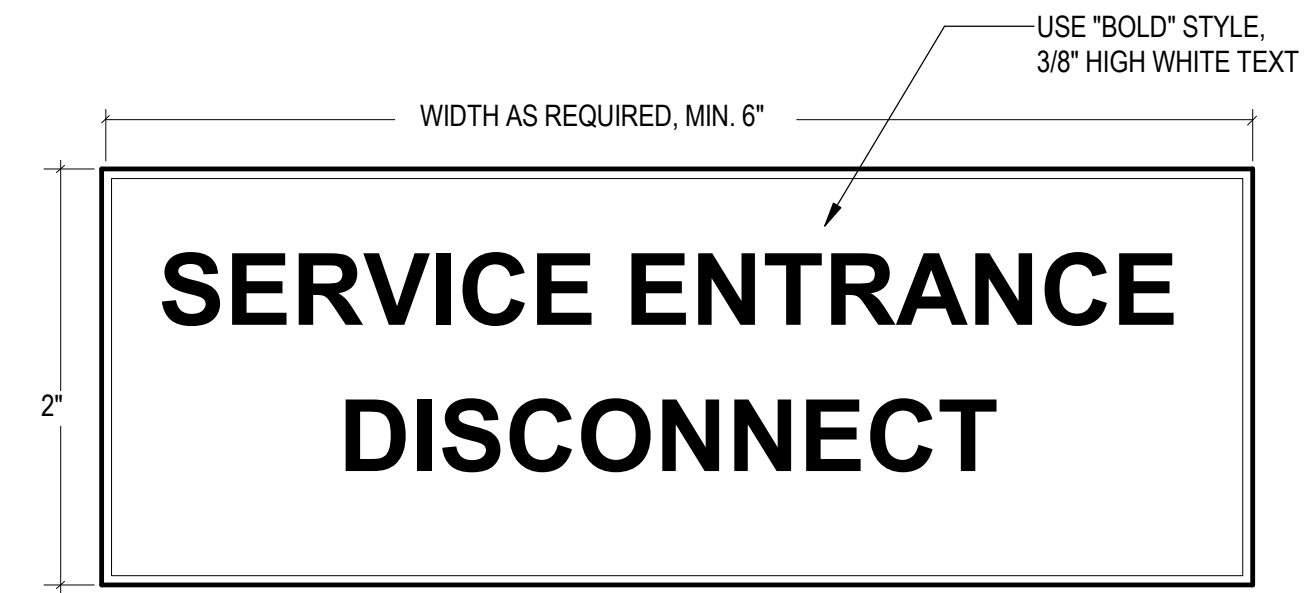
- NOTES:**
- SEE DRAWINGS FOR ADDITIONAL NAMEPLATE INFORMATION AND COLORS OF NAMEPLATES FOR DIFFERENT SYSTEMS.
 - PROVIDE ONE NAMEPLATE FOR EACH PANEL OR MCC SECTION. WHERE SECTION NUMBER TWO AND ABOVE ARE WITHIN SAME ROOM AND WITHIN 10' OF EACH OTHER USE THE SMALLER SIZE NAMEPLATE.
 - CENTER ALL TEXT HORIZONTALLY.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH EQUIPMENT SPECIFICATIONS.

2 DISTRIBUTION PANEL, MOTOR CONTROL CENTER & BRANCH PANEL NAMEPLATES
SCALE: NONE



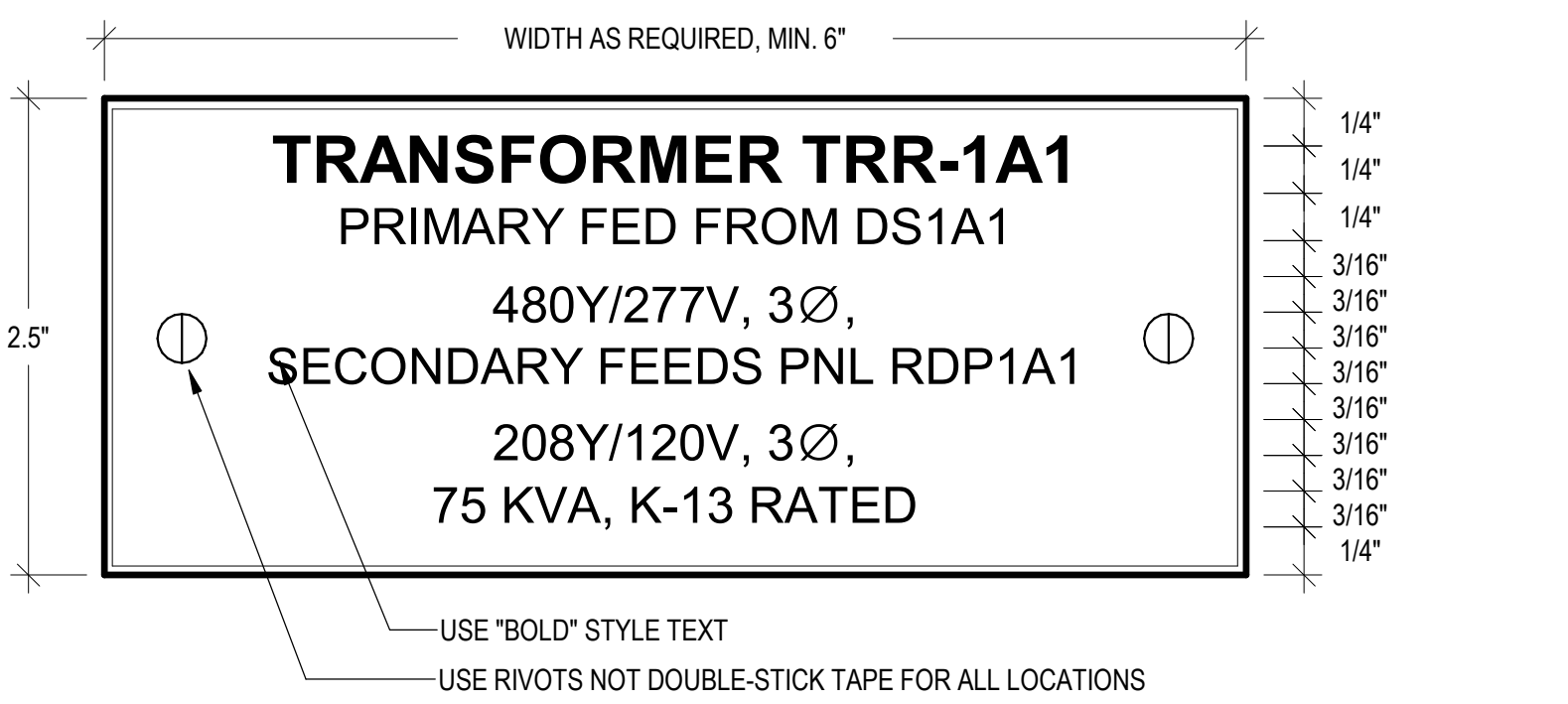
- NOTES:**
- SEE DRAWINGS FOR ADDITIONAL NAMEPLATE INFORMATION AND COLORS OF NAMEPLATES FOR DIFFERENT SYSTEMS.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH EQUIPMENT SPECIFICATIONS. REPLACE QUESTION MARKS WITH CORRECT NUMBERS.
 - CENTER ALL TEXT HORIZONTALLY
 - THIS DETAIL APPLIES TO ALL TRANSFER SWITCHES, MANUAL AND AUTOMATIC
 - DRILL HOLES ON EXTERIOR NAMEPLATES ONLY

6 TRANSFER SWITCH NAMEPLATES
SCALE: NONE



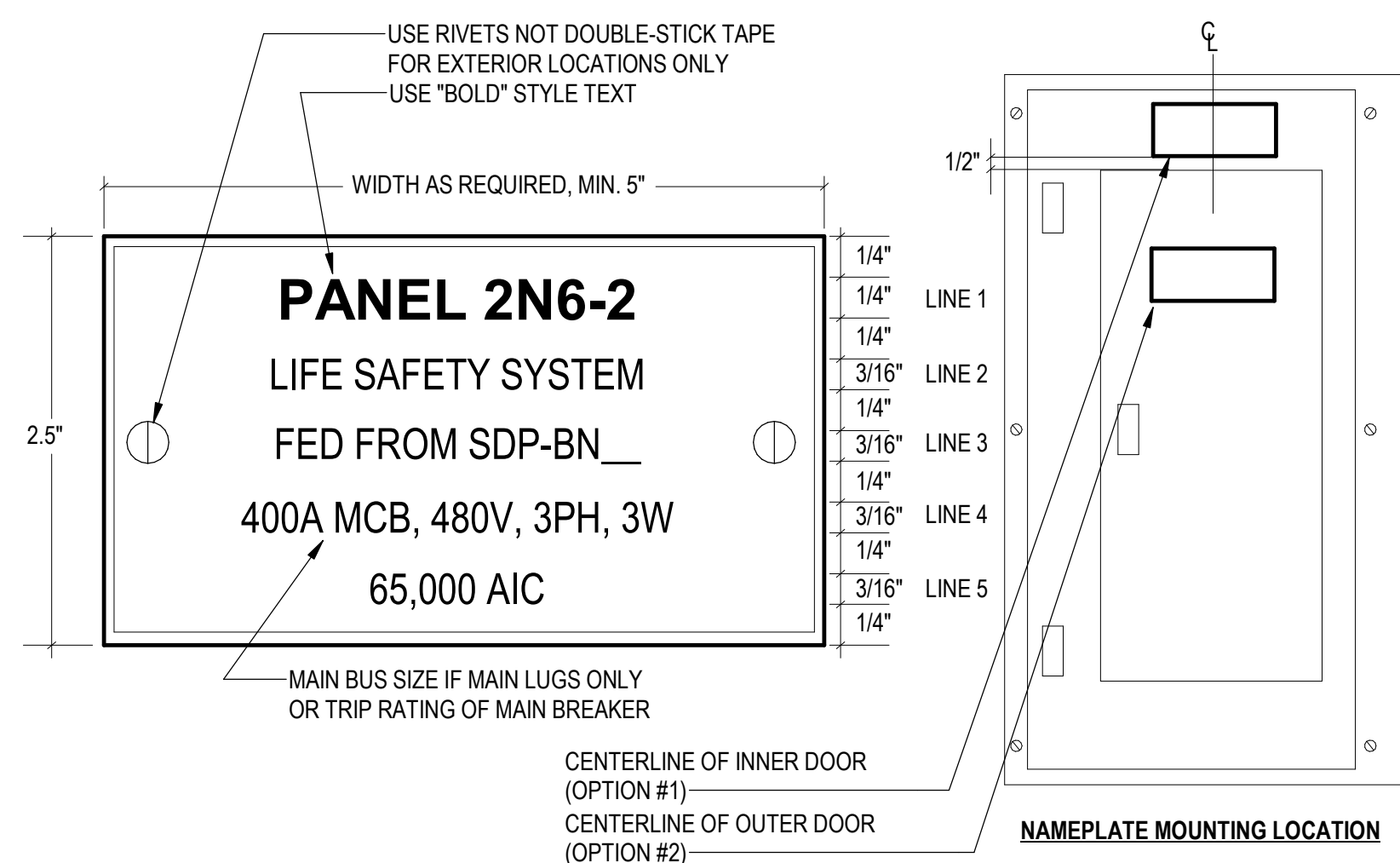
- NOTES:**
- SEE DRAWINGS FOR ADDITIONAL NAMEPLATE INFORMATION. BACKGROUND COLOR TO BE RED.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH EQUIPMENT SPECIFICATIONS. REPLACE QUESTION MARKS WITH CORRECT NUMBERS.
 - CENTER ALL TEXT HORIZONTALLY
 - THIS DETAIL APPLIES TO THE SIX SERVICE DISCONNECTS

4 UTILITY SERVICE ENTRANCE DISCONNECT SIGN
SCALE: 1/8" = 1'-0"



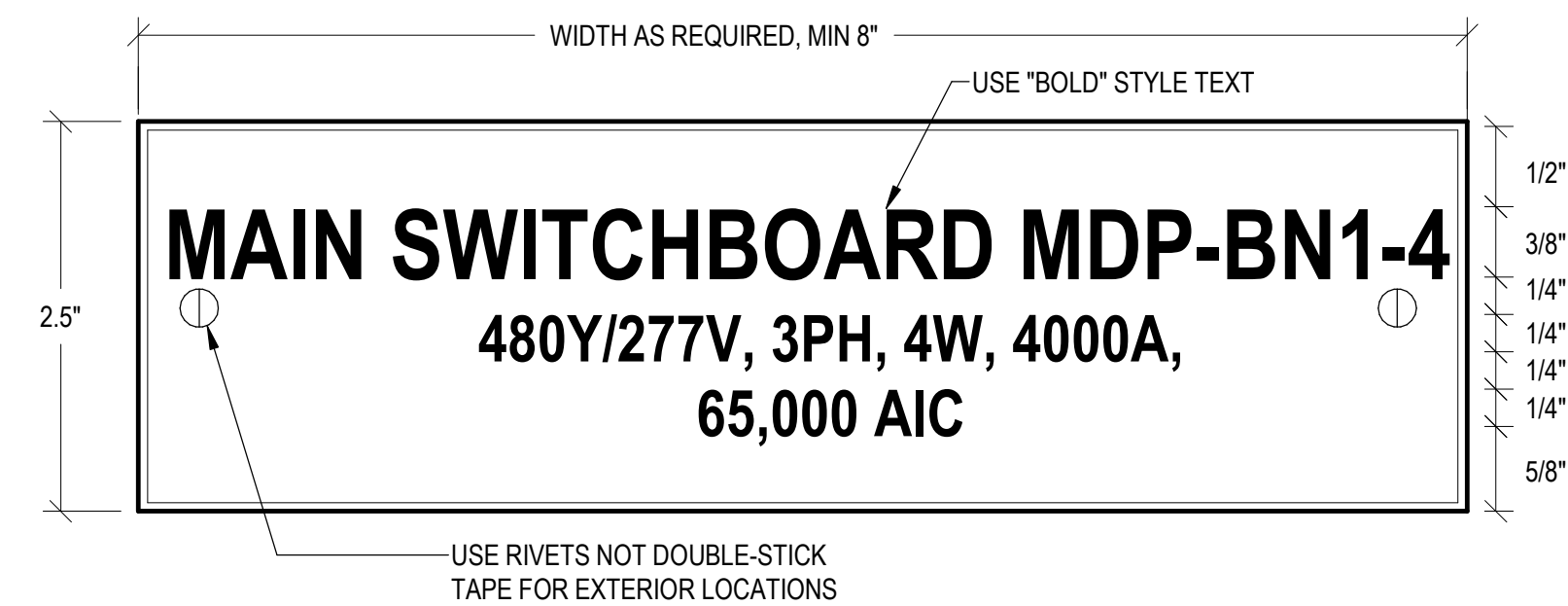
- NOTES:**
- SEE DRAWINGS FOR ADDITIONAL NAMEPLATE INFORMATION AND COLORS OF NAMEPLATES FOR DIFFERENT SYSTEMS.
 - PROVIDE ONE NAMEPLATE FOR EACH TRANSFORMER.
 - CENTER ALL TEXT HORIZONTALLY.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH EQUIPMENT SPECIFICATIONS.

7 TRANSFORMER NAMEPLATE
SCALE: NONE



- NOTES:**
- SEE DRAWINGS FOR ADDITIONAL NAMEPLATE INFORMATION AND COLORS OF NAMEPLATES FOR DIFFERENT SYSTEMS.
 - PROVIDE ONE NAMEPLATE FOR EACH PANEL OR MCC SECTION. WHERE SECTION NUMBER TWO AND ABOVE ARE WITHIN SAME ROOM AND WITHIN 10' OF EACH OTHER SMALLER SIZE NAMEPLATE CAN BE USED.
 - CENTER ALL TEXT HORIZONTALLY.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH EQUIPMENT SPECIFICATIONS
 - DRILL HOLES ON EXTERIOR NAMEPLATES ONLY.
 - PROVIDE TYPED PANEL SCHEDULES IN DOOR SLEEVES FOR ALL PANELS. INDICATE LOAD DESCRIPTION AND BREAKER.
 - NAMEPLATES ARE NOT REQUIRED FOR APARTMENT AND CONDO PANELS.

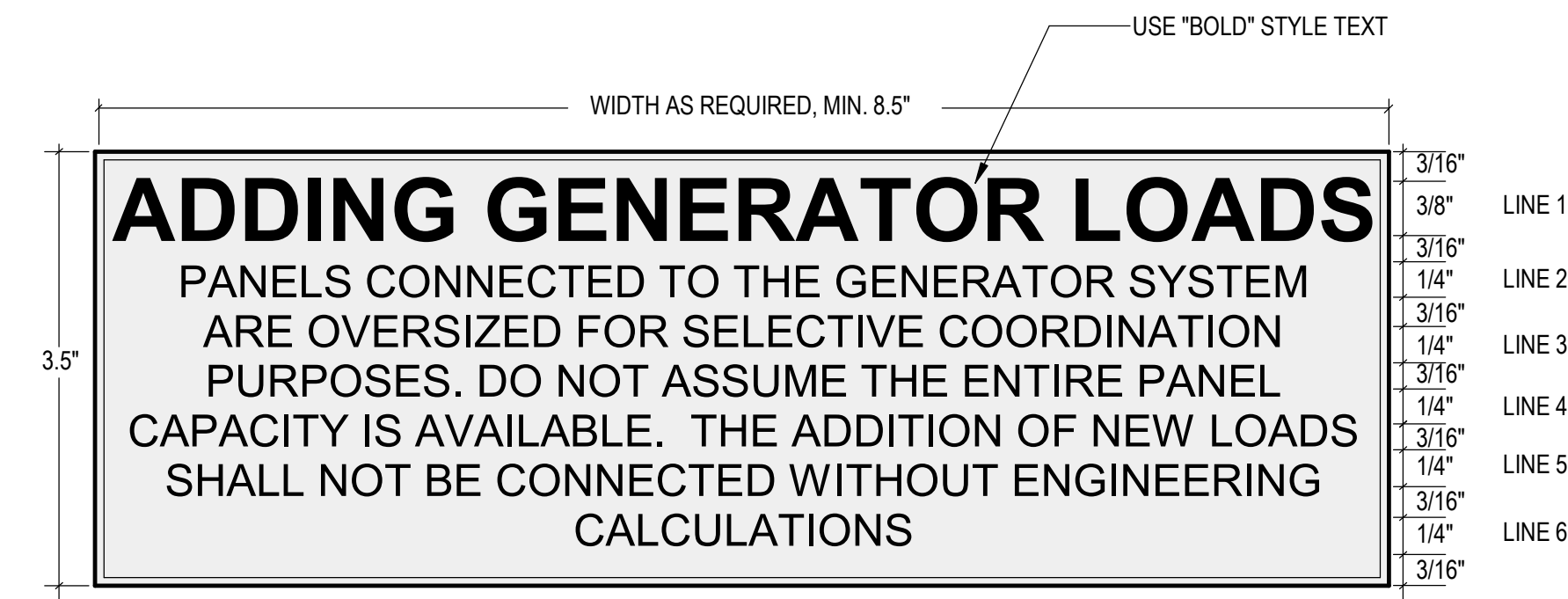
3 BRANCH PANEL NAMEPLATE
SCALE: NONE



- NOTES:**
- SEE DRAWINGS FOR ADDITIONAL NAMEPLATE INFORMATION AND COLORS OF NAMEPLATES FOR DIFFERENT SYSTEMS.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH EQUIPMENT SPECIFICATIONS.
 - CENTER ALL TEXT HORIZONTALLY

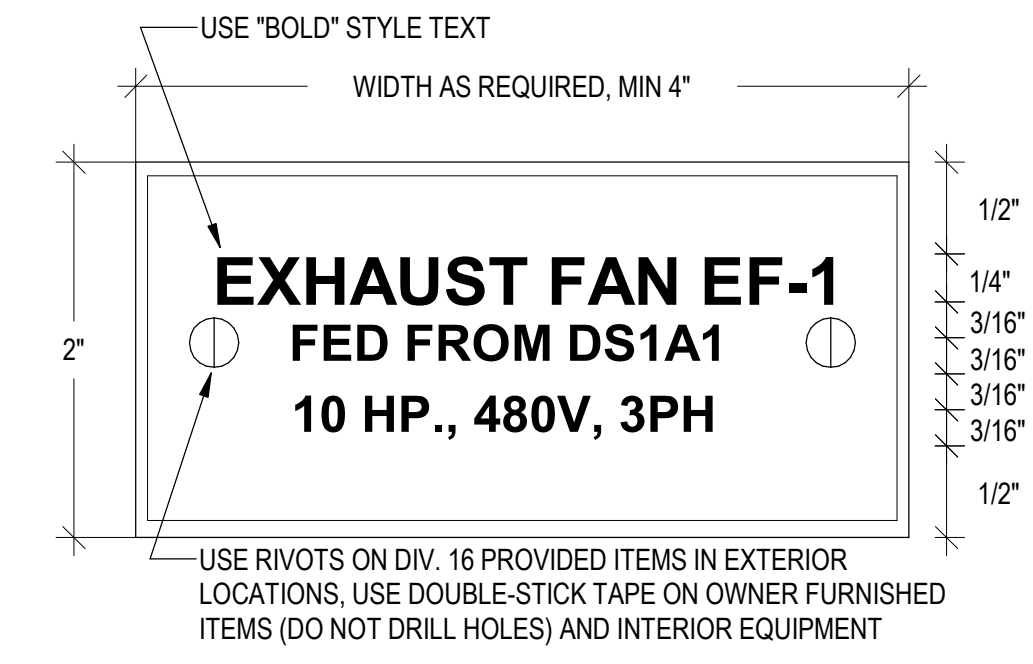
1 MAIN SWITCHBOARD NAMEPLATES
SCALE: NONE

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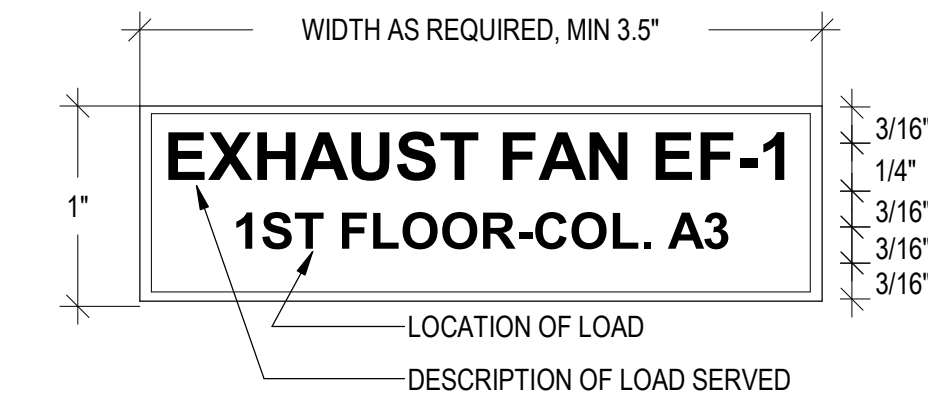


- NOTES**
- SEE DRAWINGS FOR ADDITIONAL NAMEPLATE INFORMATION AND COLORS OF NAMEPLATES FOR DIFFERENT SYSTEMS.
 - CENTER ALL TEXT HORIZONTALLY
 - NAMEPLATE SHALL BE NO MORE THAN 6' ABOVE FINISH FLOOR
 - USE STANDBY SYSTEM NAMEPLATE COLORS PROVIDE FIVE OF THESE NAMEPLATES.
 - INSTALL ON:
 - SWITCHBOARD GSB1
 - SWITCHBOARD ESB1
 - SWITCHBOARD SSB1
 - SPB3
 - MCC-SPB3 5.5.

4 GENERATOR DISTRIBUTION SYSTEM CAPACITY WARNING SIGN
SCALE: 1/8" = 1'-0"



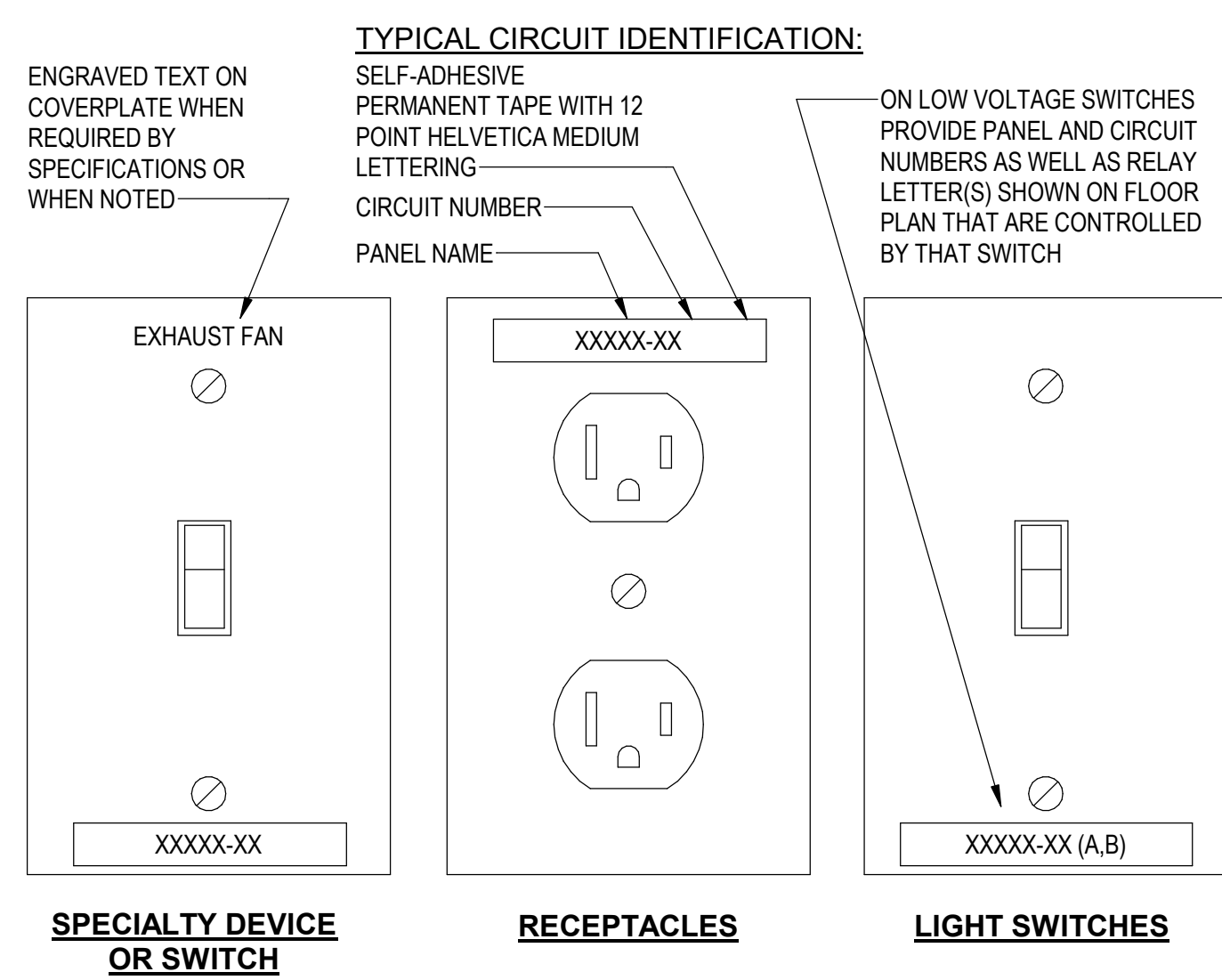
GENERAL EQUIPMENT



CIRCUIT BREAKERS IN DIST. PANELS

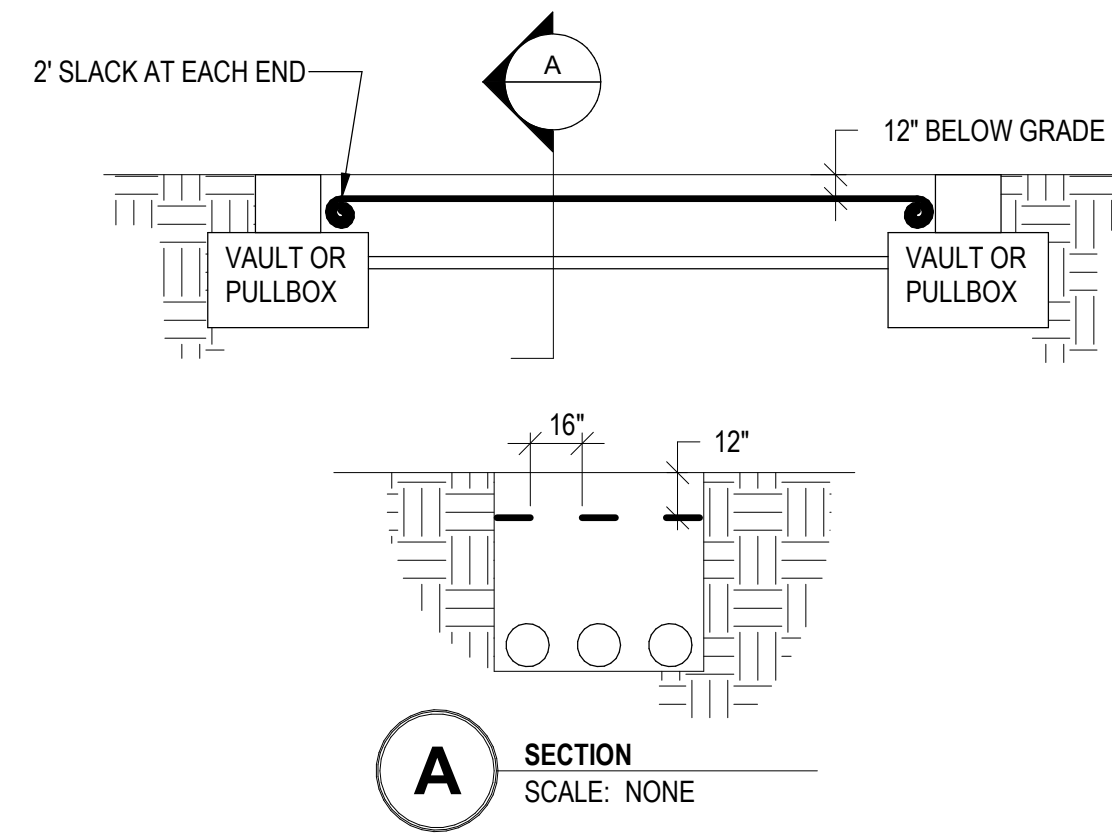
- NOTES:**
- SEE DRAWINGS FOR ADDITIONAL NAMEPLATE INFORMATION AND COLORS OF NAMEPLATES FOR DIFFERENT SYSTEMS.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH EQUIPMENT SPECIFICATIONS.
 - CENTER ALL TEXT HORIZONTALLY

2 EQUIPMENT IDENTIFICATION NAMEPLATES
SCALE: NONE



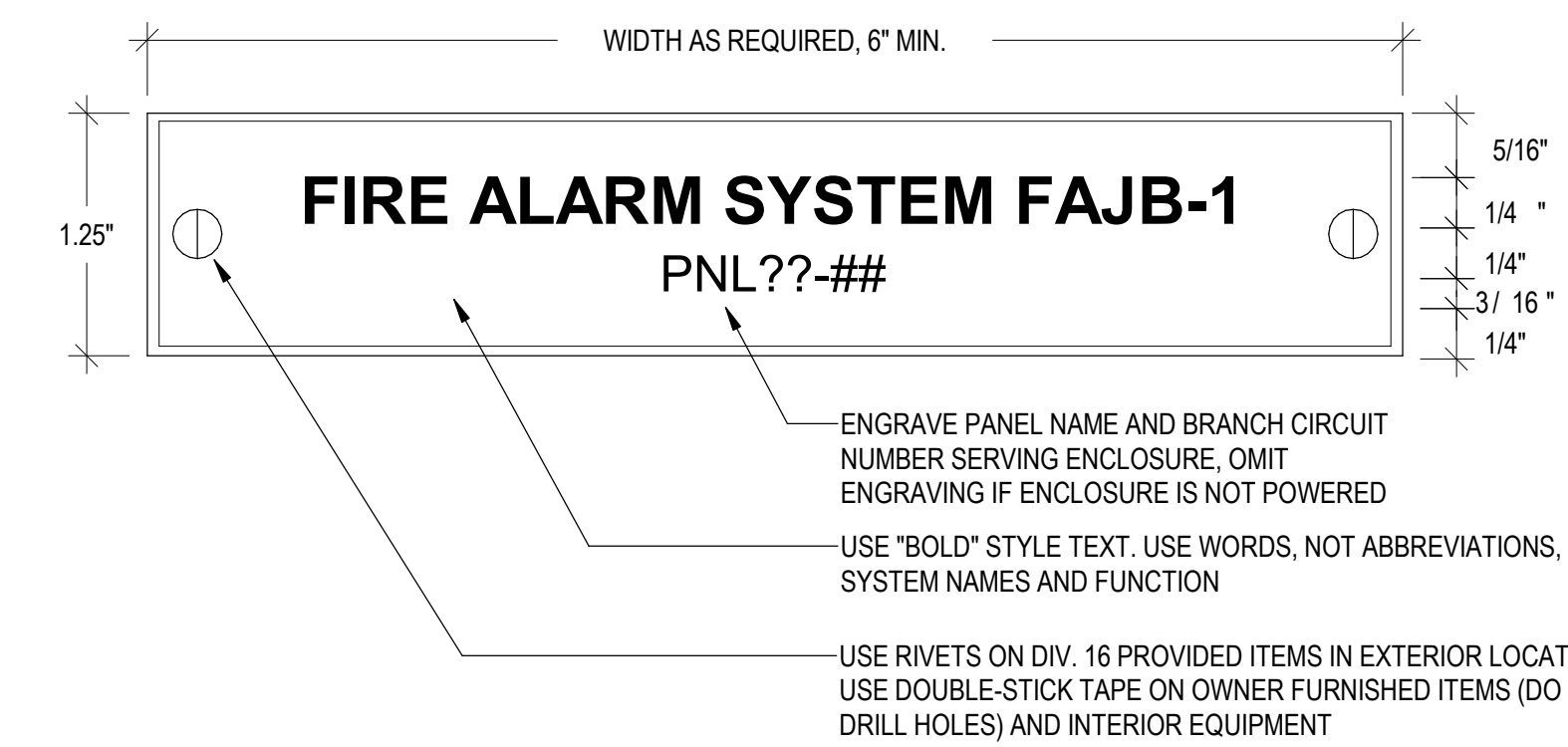
- NOTES:**
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND COLORS OF TAPE REQUIRED FOR DIFFERENT SYSTEMS.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH INSTALLATION.
 - LABEL DEVICES IN SURFACE METAL RACEWAYS, POWER POLES, FLOOR BOXES, CONCEALED MULTI-SERVICE POWER BOXES, ETC. SIMILARLY.
 - WHERE MULTIPLE SWITCHES ARE GROUPED UNDER COMMON COVERPLATE AND ARE SERVED FROM SAME CIRCUIT, PROVIDE ONLY ONE LABEL FOR MIDDLE SWITCH. PROVIDE MULTIPLE LABELS IF DIFFERENT CIRCUITS ARE USED.
 - LABELS ARE NOT REQUIRED FOR DEVICES IN APARTMENTS AND CONDOS.

5 DEVICE & SWITCH LABELING
SCALE: NONE



- NOTES:**
- PROVIDE TAPE SPECIFICALLY MANUFACTURED FOR MARKING AND LOCATING UNDERGROUND UTILITIES.
 - TAPE SHALL BE POLYETHYLENE FILM, 6 INCHES WIDE, 0.004 INCHES THICK, AND A MINIMUM STRENGTH OF 1,750 PSI.
 - TAPE SHALL CARRY CONTINUOUS INSCRIPTION NAMING THE SPECIFIC UTILITY. COLOR SHALL BE: ELECTRIC - RED PHONE & SIGNAL - ORANGE.
 - TAPE SHALL HAVE FOIL BACKING OR WIRES SUFFICIENT FOR DETECTION BY METAL DETECTOR TO A DEPTH OF 5 FEET.
 - TAPE SHALL BE PLACED IN PARALLEL RUNS WITH ONE STRIP ON EACH SIDE OF TRENCH AND STRIPS NO GREATER THAN 18\"/>

3 UNDERGROUND UTILITIES WARNING TAPE
SCALE: NONE



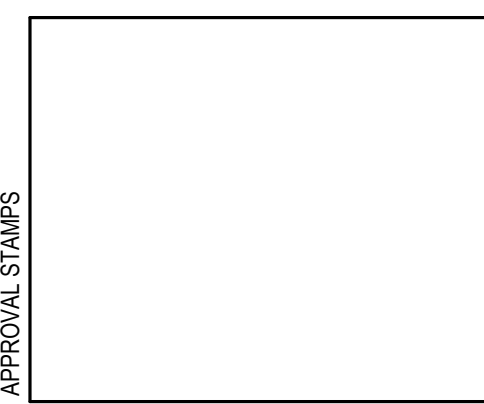
- NOTES:**
- REFER TO SPECIFICATIONS FOR FOR ADDITIONAL INFORMATION AND COLORS FOR DIFFERENT SYSTEMS.
 - PROVIDE ONE NAMEPLATE FOR EACH ENCLOSURE OR J-BOX LARGER THAN 4"
 - CENTER ALL TEXT HORIZONTALLY AND VERTICALLY IF ONLY ONE LINE.
 - TEXT SHOWN ABOVE IS FOR EXAMPLE ONLY. MODIFY TEXT AS REQUIRED TO MATCH EQUIPMENT SPECIFICATIONS.

1 ENCLOSURE IDENTIFICATION NAMEPLATES
SCALE: NONE

PROJECT:
KITSAP BANK HEADQUARTERS
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Project Manager: Paul Leonetti
Job No.: 150-23/09122



MARK	DATE	DESCRIPTION
REVISIONS		

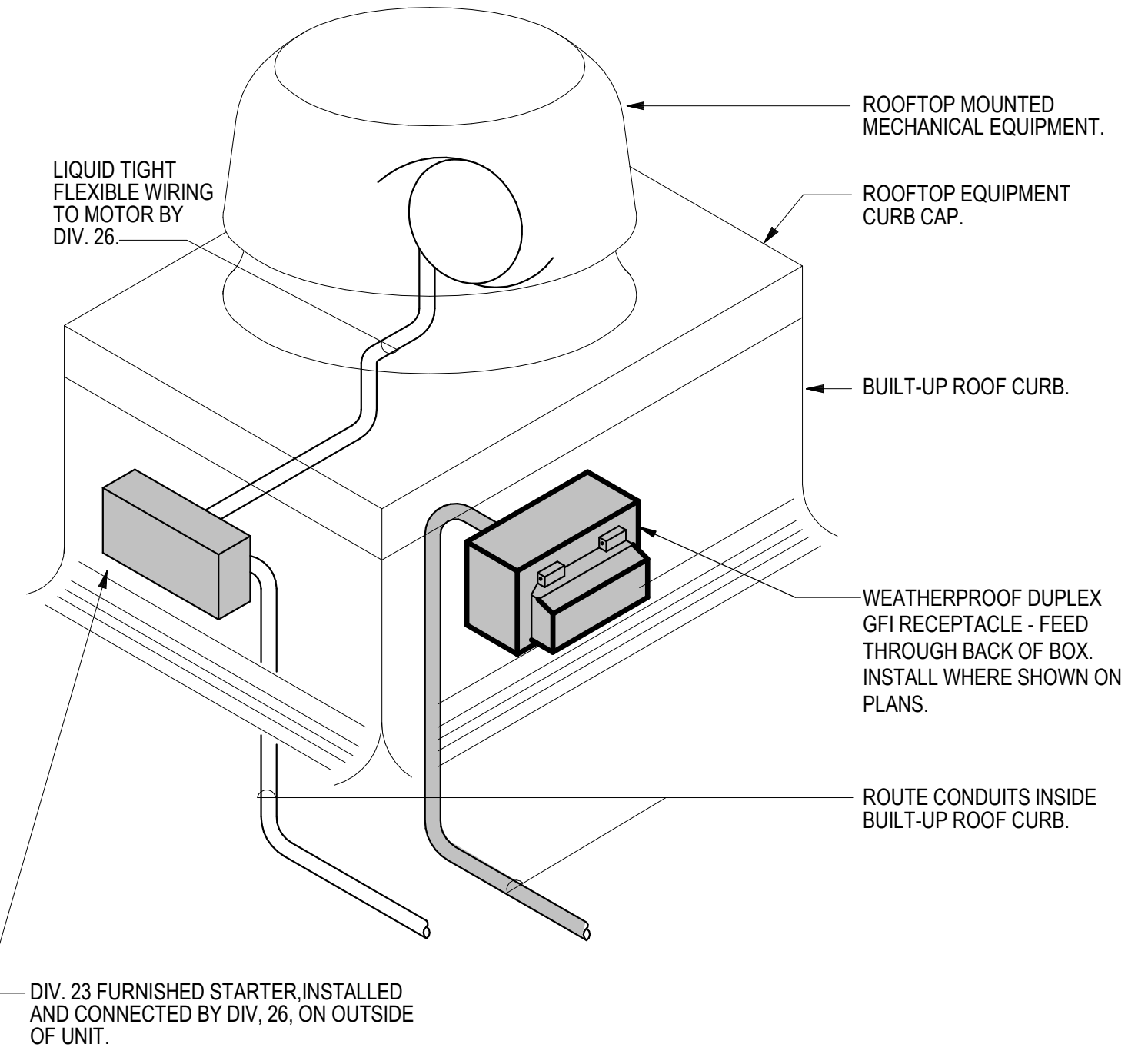
MARK	DATE	DESCRIPTION
ISSUE INFORMATION		

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

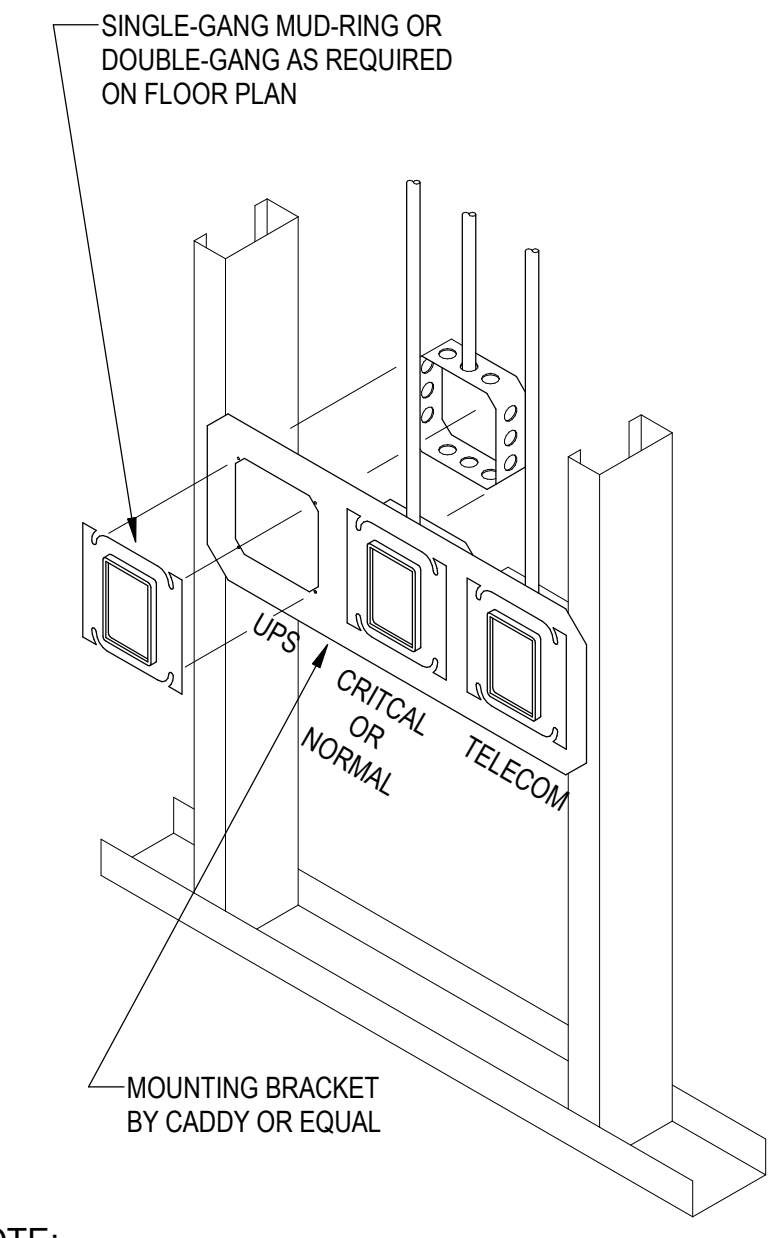
SHEET TITLE
ELECTRICAL DETAILS - IDENTIFICATION

SHEET NO.
E-902

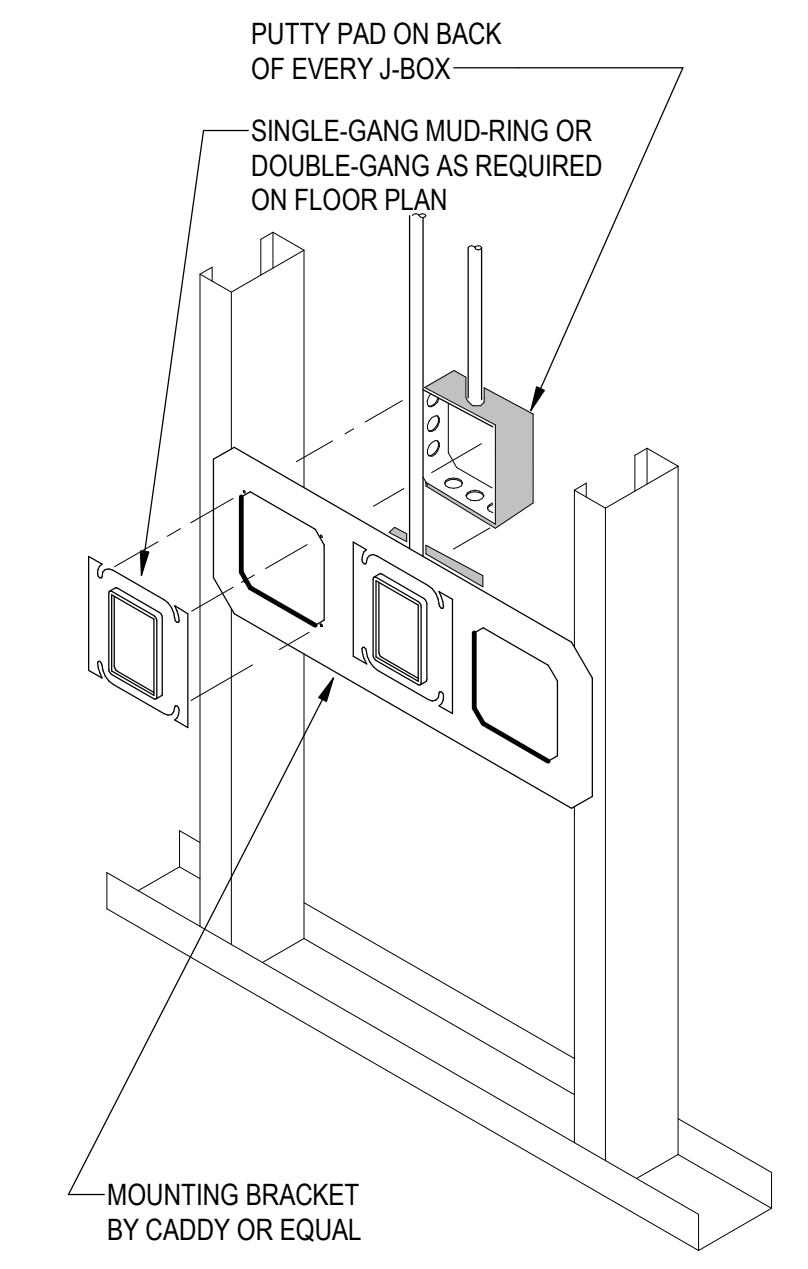
06.22.2023 - PERMIT SET - FOR REFERENCE ONLY



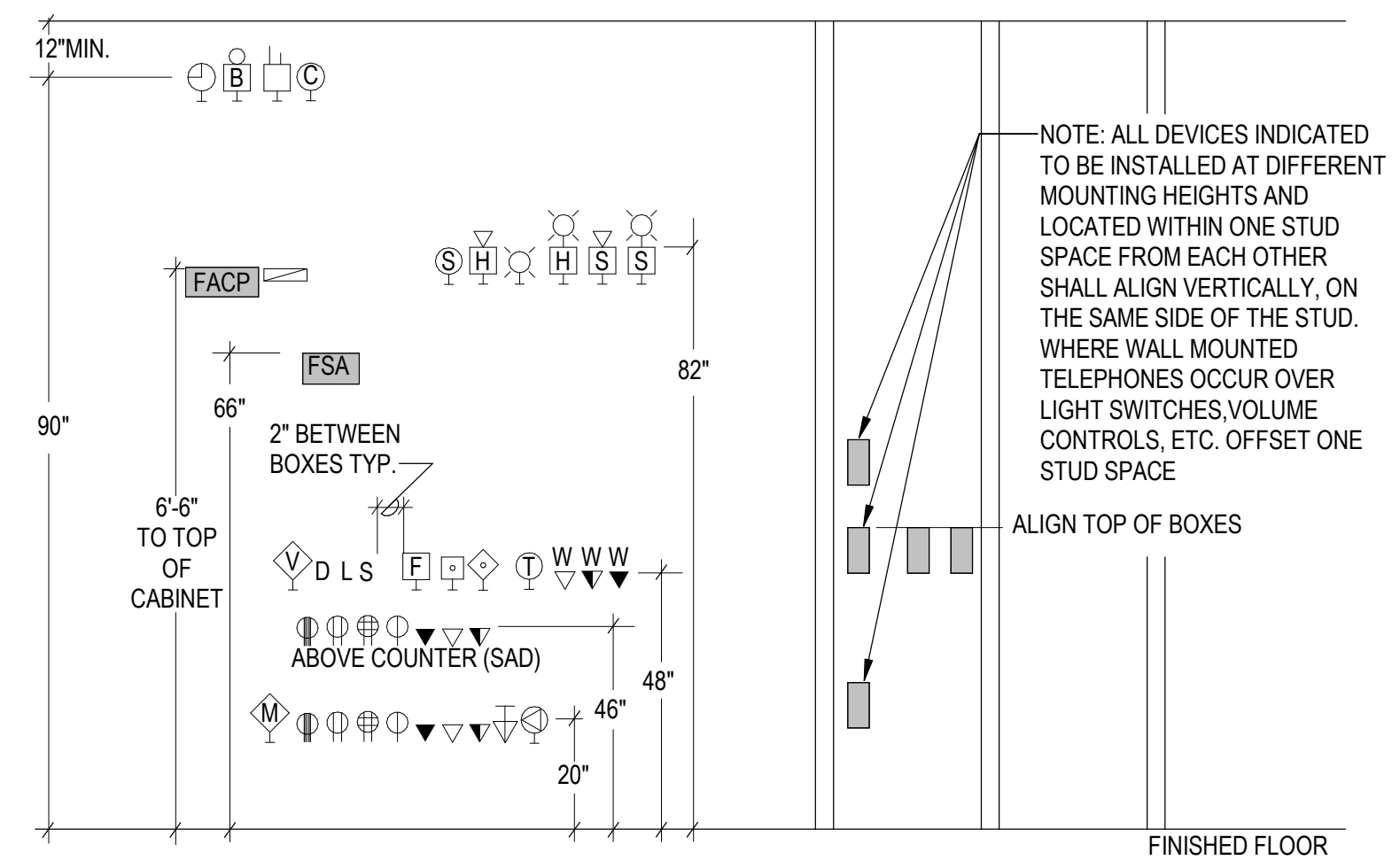
4 ROOFTOP HVAC DETAIL
SCALE: NONE



2 POWER/TELECOM DEVICE BOX INSTALLATION
SCALE: NONE



3 FIRE TREATMENT AT J-BOXES IN WALLS
SCALE: NONE



1 ELECTRICAL, TELECOM & SIGNAL SYS. DEVICE MOUNTING HEIGHTS & ALIGNMENT
SCALE: NONE

NOTES:
A. HEIGHTS SHOWN ARE TYPICAL TO TOP OF BOX, UNLESS OTHERWISE NOTED.
B. WHERE EVER DEVICES ARE INDICATED TO BE ABOVE DOORS, DEVICE SHALL BE CENTERED VERTICALLY BETWEEN TOP OF DOOR TRIM AND CEILING LINE AND CENTERED HORIZONTALLY ON DOOR OPENING, UNLESS OTHERWISE NOTED.
C. MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS SHALL GOVERN OVER THOSE SHOWN ABOVE. CONTRACTOR SHALL ALWAYS REFER TO ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING J-BOXES AND BACKBOXES. INFORM ENGINEER AND ARCHITECT OF CONFLICTS.
D. DO NOT MOUNT THERMOSTATS OR TEMPERATURE SENSORS ABOVE DIMMERS. INFORM ENGINEER OF CONFLICTS.

NOTE: ALL DEVICES INDICATED TO BE INSTALLED AT DIFFERENT MOUNTING HEIGHTS AND LOCATED WITHIN ONE STUD SPACE FROM EACH OTHER SHALL ALIGN VERTICALLY, ON THE SAME SIDE OF THE STUD. WHERE WALL MOUNTED TELEPHONES OCCUR OVER LIGHT SWITCHES, VOLUME CONTROLS, ETC. OFFSET ONE STUD SPACE

ALIGN TOP OF BOXES

E

D

C

B

A

06.22.2023 - PERMIT SET - FOR REFERENCE ONLY

PROJECT DATE/TIME: 6/22/2023 3:27:28 PM

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Job No.: 150-23/050122

APPROVAL STAMPS

MARK DATE DESCRIPTION
REVISIONS

C 06/22/2023 DO PERMIT PREP
B 02/23/2023 SD PRICE SET

A 03/01/2022 CONCEPT DESIGN PRICE SET

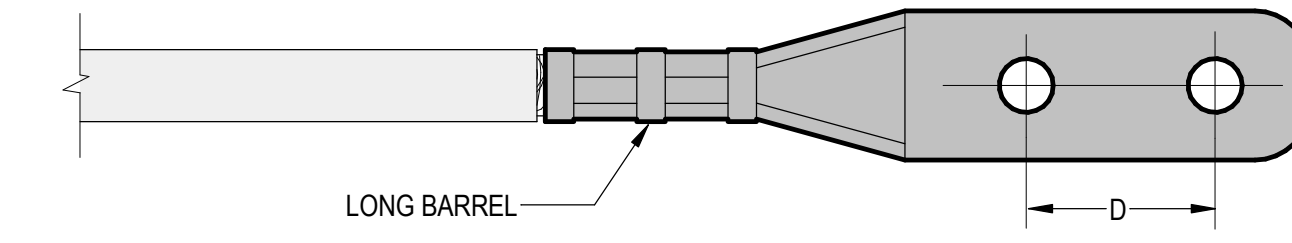
MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

SHEET TITLE
ELECTRICAL DETAILS - CONDUIT

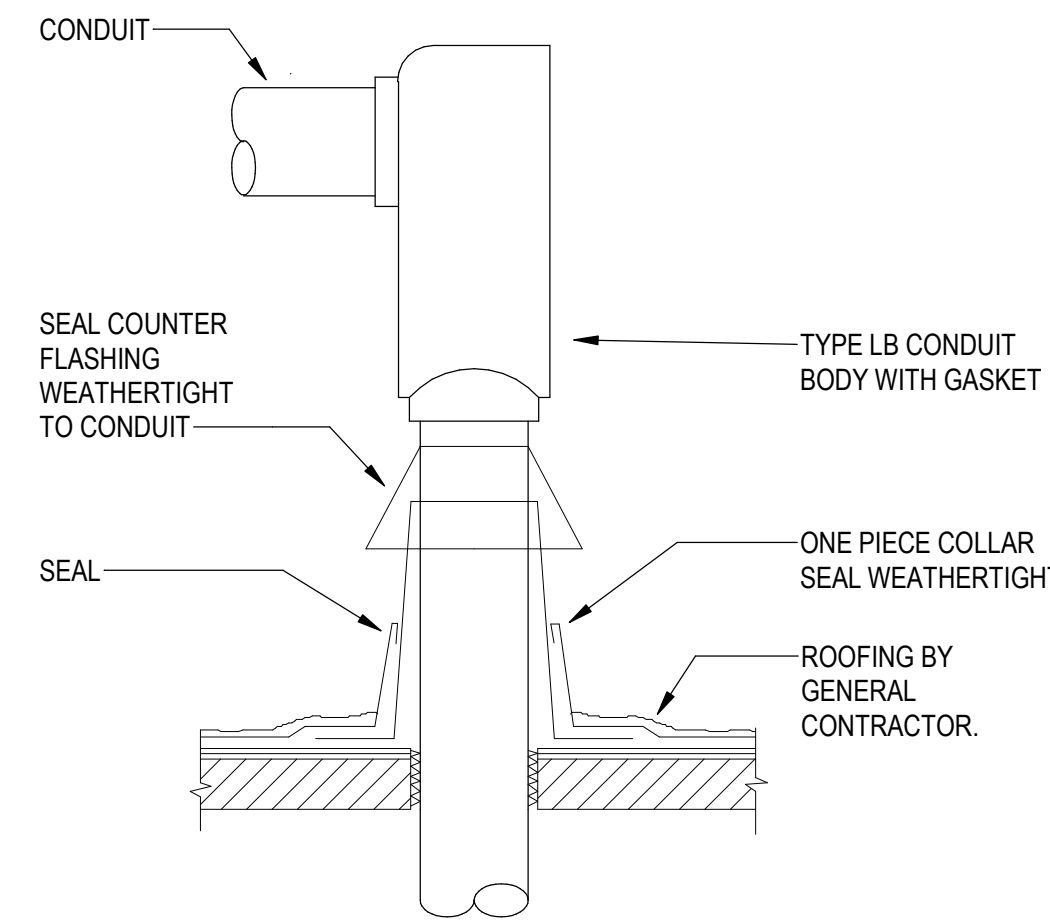
SHEET NO.
E-904



TWO-HOLE, LONG BARREL LUG SCHEDULE								
T & B				BURNDY				
WIRE SIZE	CATALOG NO.	D	BOLT SIZE	NO. OF CRIMPS	CATALOG NO.	G	HOLE SIZE	NO. OF CRIMPS
NO. 6 AWG	-	-	-	-	YA6C-2N			
NO. 4 AWG	-	-	-	-	YA4C-2N	1-3/4"	1/2"	2
NO. 2 AWG	54856BE		1/4"		YA2C-2N			
NO. 1 AWG	54812BE	3/4"	1/4"	2	YA1C-2N	1-3/4"	1/2"	2
1/0 AWG	54813BE		5/16"		YA25-2N			
2/0 AWG	54862BE-PH				YA26-2N			
3/0 AWG	54864BE-PH	1-3/4"	1/2"	2	YA27-2N	1-3/4"	1/2"	2
4/0 AWG	54866BE-PH				YA28-2N			
250 MCM	54868BE-PH				YA29-2N			
350 MCM	54872BE-PH				YA31-2N			
500 MCM	54876BE-PH	1-3/4"	1/2"	4	YA34-2N	1-3/4"	1/2"	4
750 MCM	54880BE-PH				YA39-2N			

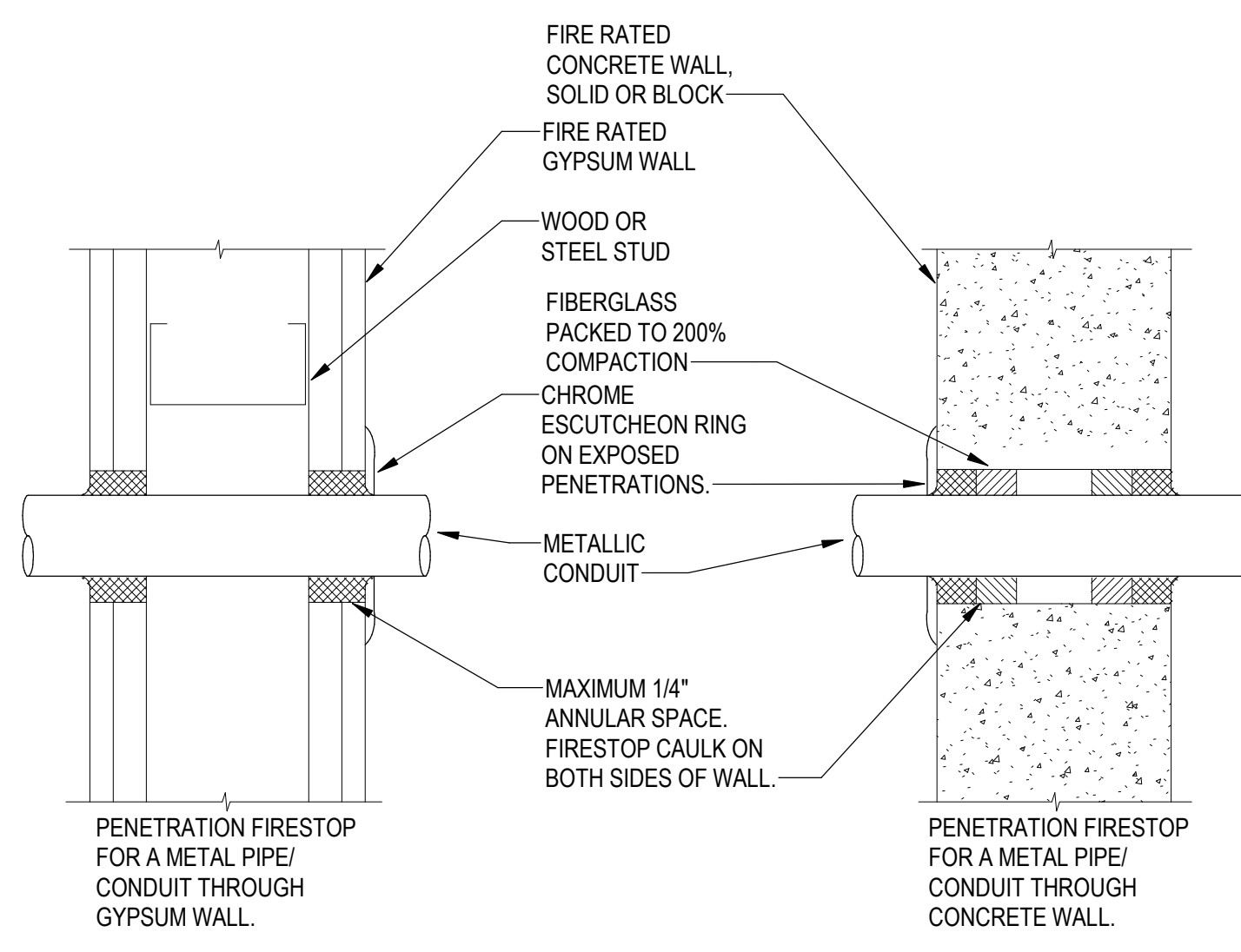
- NOTES**
- A. TYPICAL FOR ALL GROUND BAR TERMINATIONS AND POWER TERMINATIONS FOR #6 AWG AND LARGER EXCEPT INTEGRAL CIRCUIT BREAKER LUGS <800A MAY BE MECHANICAL TYPE.
 - B. USE 12-15 TON RATED CRIMPING TOOL WITH DIES MADE BY MANUFACTURER OF LUGS.
 - C. ALL LUGS MUST BE LONG BARREL, 2-HOLE TYPE WITH CONDUCTOR VIEWING WINDOW OPTION ON SIZES #2/0 AND LARGER

2 2-HOLE LUG COMPRESSION LUG CONNECTION
SCALE: 1/8" = 1'-0"



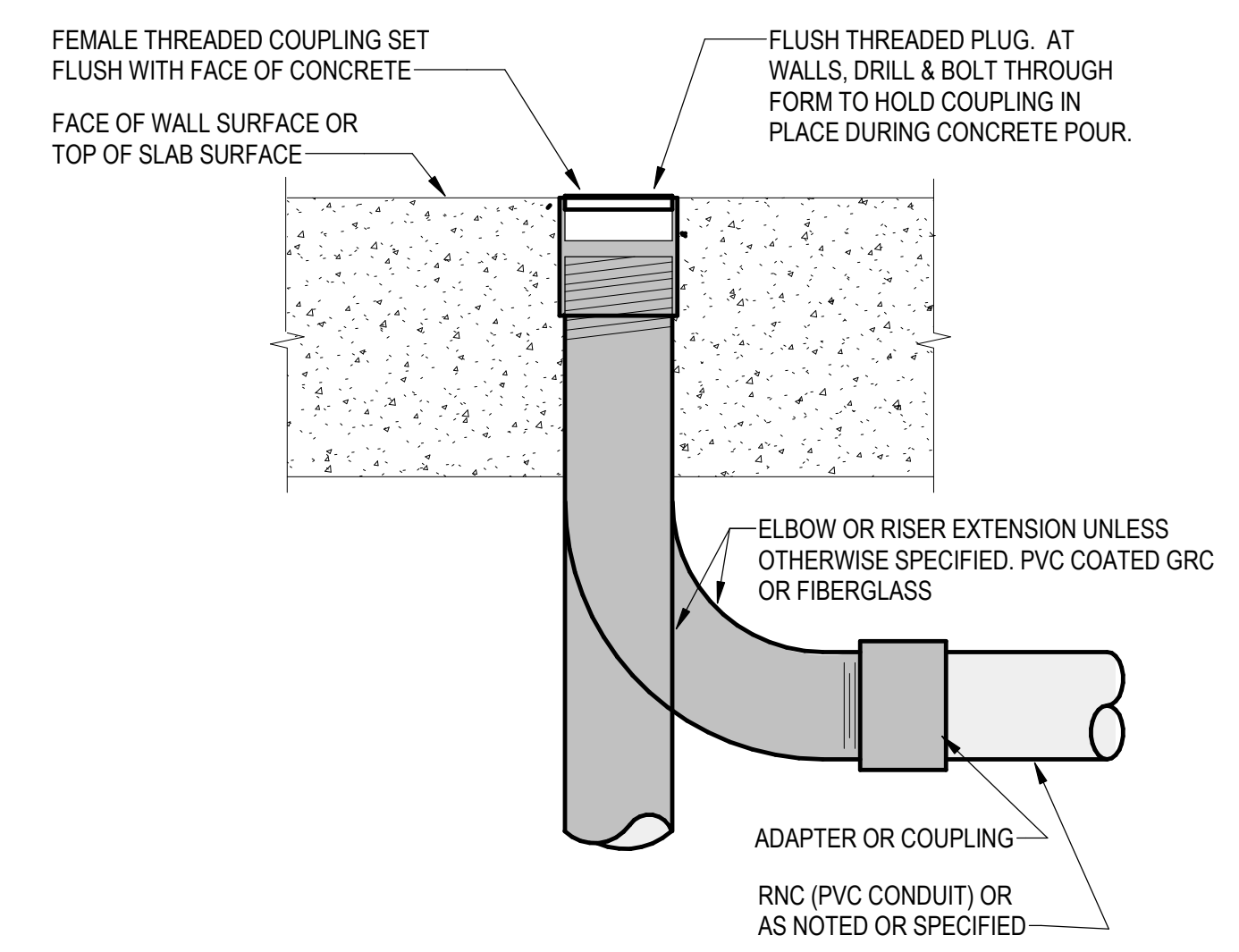
- NOTES**
- A. ELECTRICAL CONTRACTOR TO PROVIDE ARCHITECT/ROOFING CONTRACTOR APPROVED CONDUIT COLLAR AND FLASHING.
 - B. USE THIS DETAIL ONLY WHERE REQUIRED, STUB-UP THROUGH MECHANICAL EQUIPMENT ROOF CURBS WHEREVER POSSIBLE.

4 CONDUIT ROOF PENETRATION
SCALE: NONE



- NOTES:**
- A. INSTALL FIRE STOP SYSTEMS IN STRICT CONFORMANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - B. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE RATED WALLS AND FLOORS.
 - C. VERIFY UL APPROVED DETAIL REQUIRED FOR EACH CONDITION WITH ARCHITECT. SUBMIT FOR APPROVAL COPY OF DETAIL TO BE USED, PRIOR TO INSTALLATION.

3 FIRE RATED WALL CONDUIT PENETRATION
SCALE: NONE



- NOTES:**
- A. TYPICAL AT ALL POURED-IN-PLACE CONCRETE WALLS AND FLOORS UNLESS OTHERWISE NOTED (UON).
 - B. USE LONG RADIUS ELBOWS. MAKE RNC TRANSITION WITH THREADED RNC CONNECTOR TO EMBEDDED METAL FEMALE COUPLING. EXCEPTION: USE PVC COUPLING FOR GROUNDING.
 - C. METAL CONDUIT IN CONTACT WITH EARTH OR OTHER FILL SHALL BE PVC COATED GRG. FIBERGLASS IS ALSO ACCEPTABLE IN LIEU OF METAL, UON.
 - D. FOR GROUND CONDUCTORS ALL RACEWAY PARTS SHALL BE PVC PLASTIC. NO METAL SHALL BE INSTALLED WHICH WOULD ENCIRCLE GROUND LEAD.
 - E. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

1 CONDUIT STUB-UP AT CONCRETE SURFACE
SCALE: NONE

06.22.2023 - PERMIT SET - FOR REFERENCE ONLY



KEY PLAN

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Project Manager: Paul Leavitt
Job No.: 150-23/050122

APPROVAL STAMPS

MARK DATE DESCRIPTION

REVISIONS

MARK	DATE	DESCRIPTION
C	06/22/2023	DO PERMIT PREP
B	02/23/2023	SD PRICE SET
A	03/01/2022	CONCEPT DESIGN PRICE SET

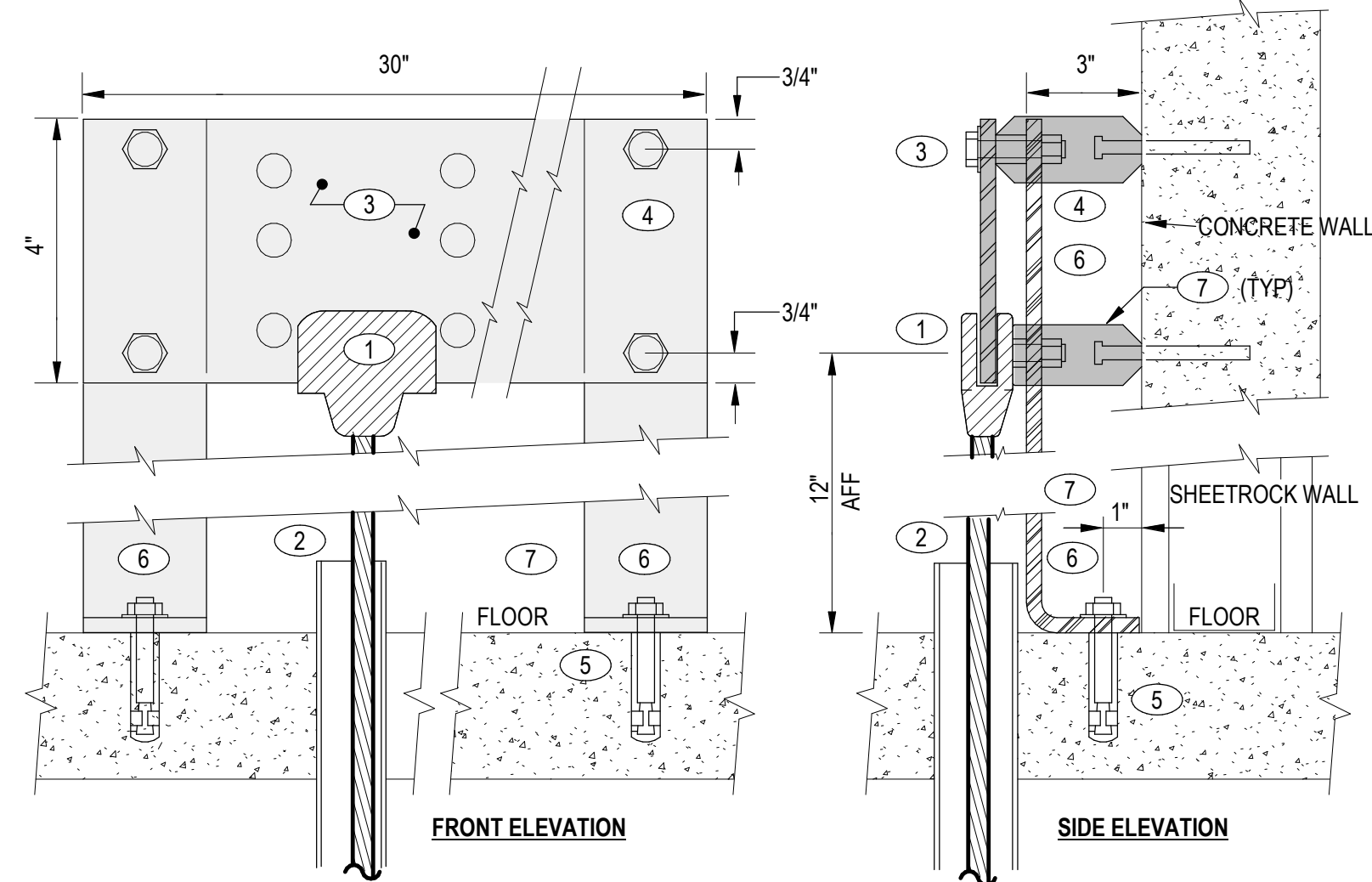
MARK DATE DESCRIPTION

ISSUE INFORMATION

PROJECT NO.: **2020016.01**
GGLO PRINCIPAL IN CHARGE: **JF**
GGLO PROJECT MANAGER: **MP**
OWNER APPROVAL:

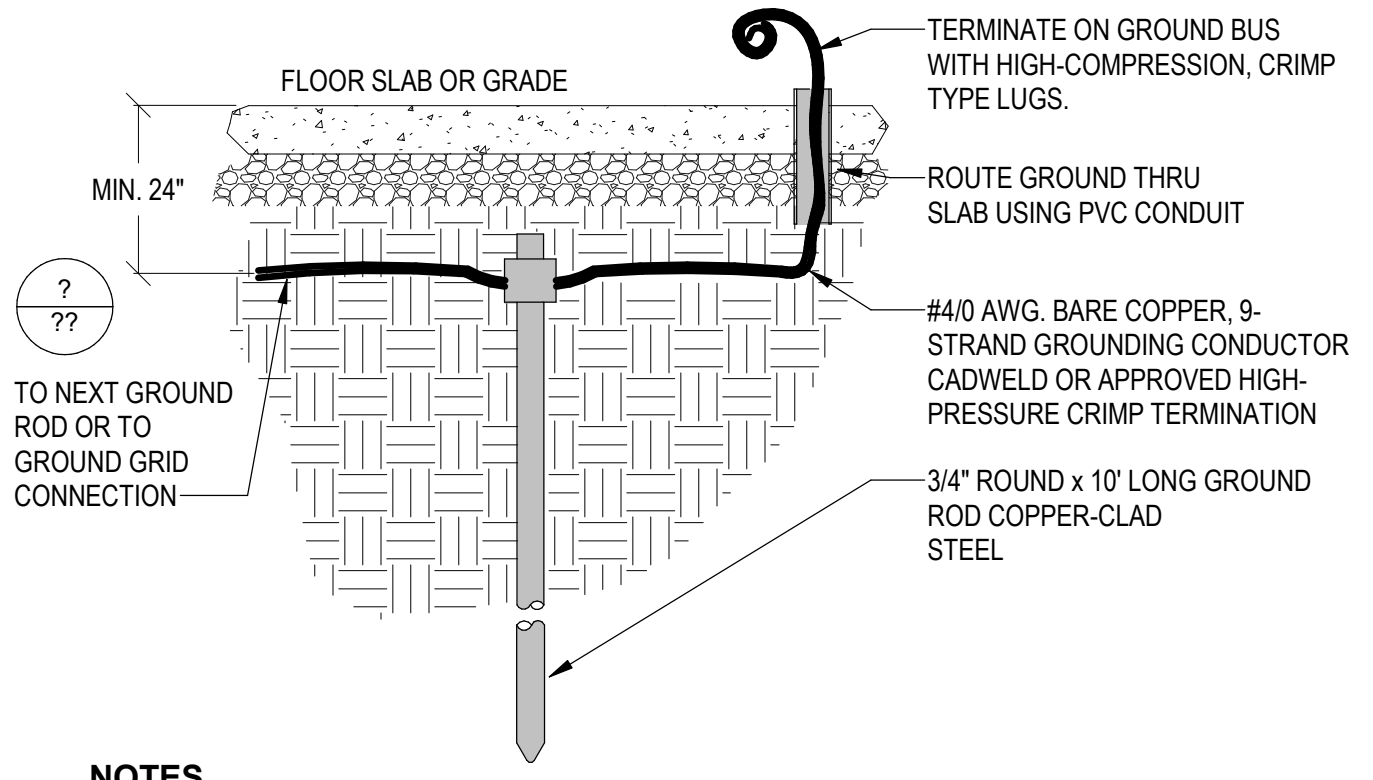
SHEET TITLE
ELECTRICAL DETAILS - GROUNDING

SHEET NO.
E-905



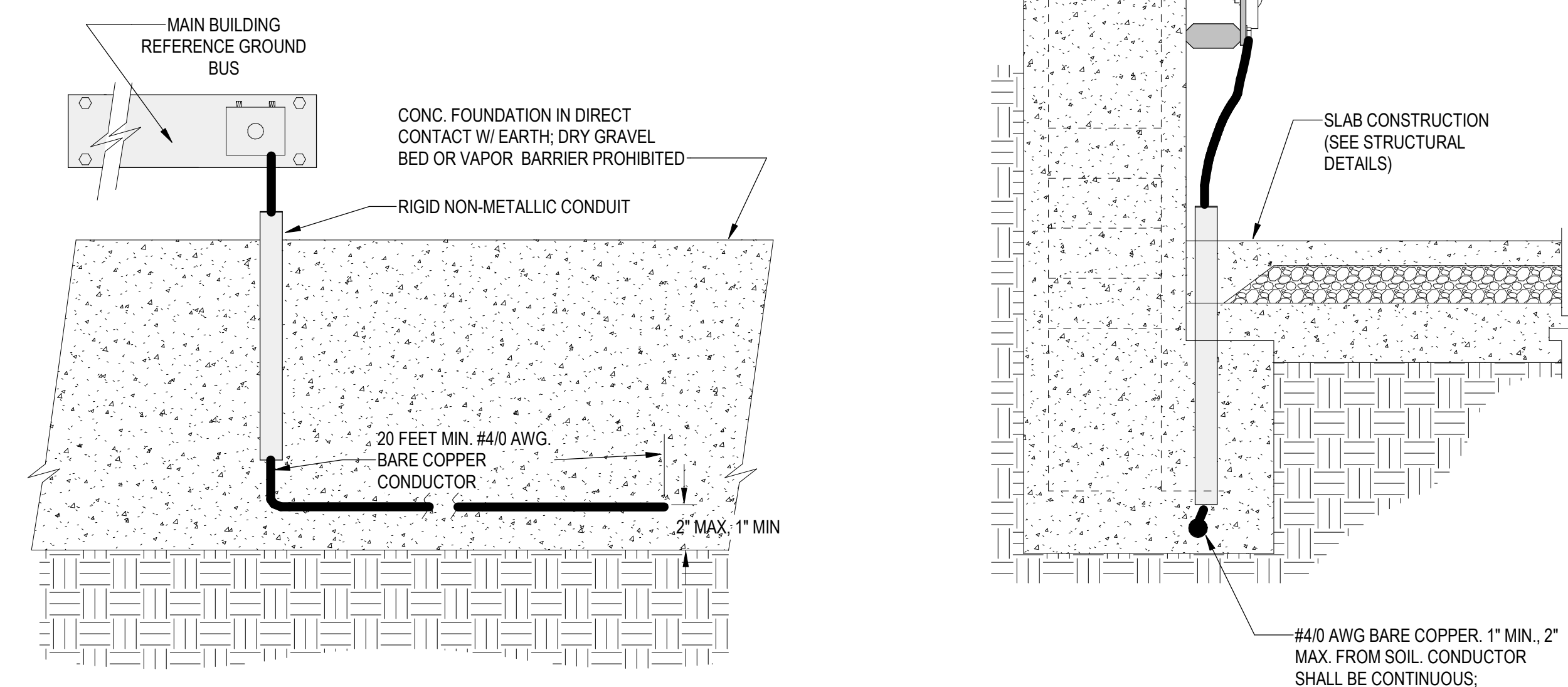
- NOTES**
- IRREVERSIBLE TYPE WELDED OR HIGH-PRESSURE CRIMP GROUND CONDUCTOR TO BUS BAR CONNECTOR. T&B TYPE CB4, CB29 OR EQUAL BY BURNDY OR CADWELD.
 - UNDERGROUND COPPER GROUND CONDUCTORS IN PVC CONDUITS.
 - 1/4" THICK X HEIGHT AND WIDTH SHOWN, COPPER GROUND BUS.
 - 3/8" X 3" LONG BOLT WITH LOCK WASHER AND SPACER FOR ATTACHING COPPER GROUND BUS TO SUPPORTS.
 - SUPPORT ANCHOR BOLT. 3 1/2" MINIMUM EMBEDMENT.
 - 1/4" THICK X 2" WIDE GALVANIZED STEEL PLATE GROUND BUS SUPPORTS. BENT AS SHOWN. USE WHERE GROUND BUS IS ADJACENT TO SHEETROCK WALLS.
 - FOR CONCRETE WALL MOUNTING APPLICATIONS: USE STANDARD RED INSULATING BUS BAR STANDOFFS, AND OMIT STEEL FLOOR PLATE GROUND BUS SUPPORT.

2 MAIN BUILDING REFERENCE GROUND BUS
SCALE: NONE



- NOTES**
- GROUND ROD AND GROUND RING MUST BE INSTALLED IN DIRT NOT IN GRAVEL.

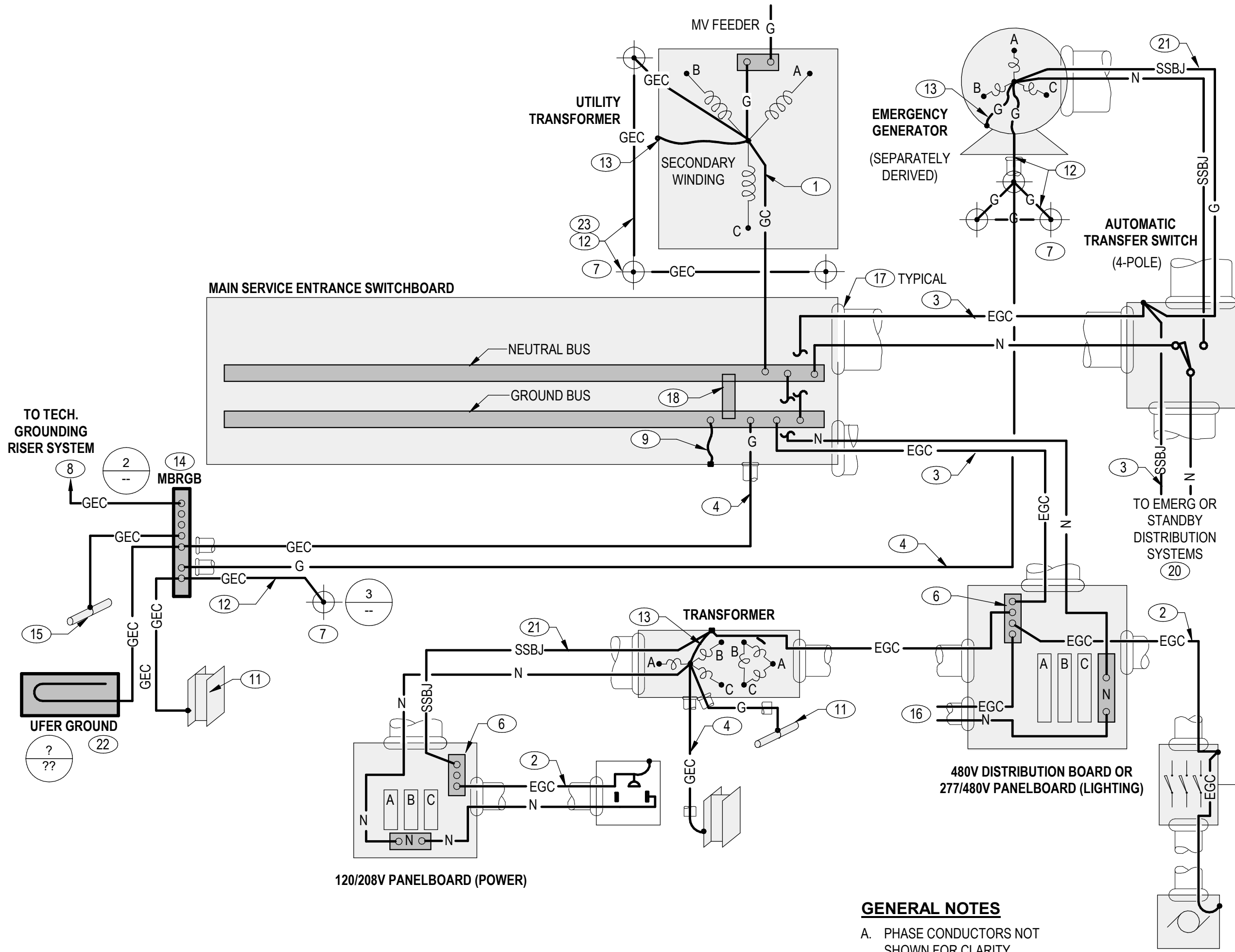
3 GROUND ROD
SCALE: 1/8" = 1'-0"



5 UFER GROUNDING ELECTRODE
SCALE: NONE

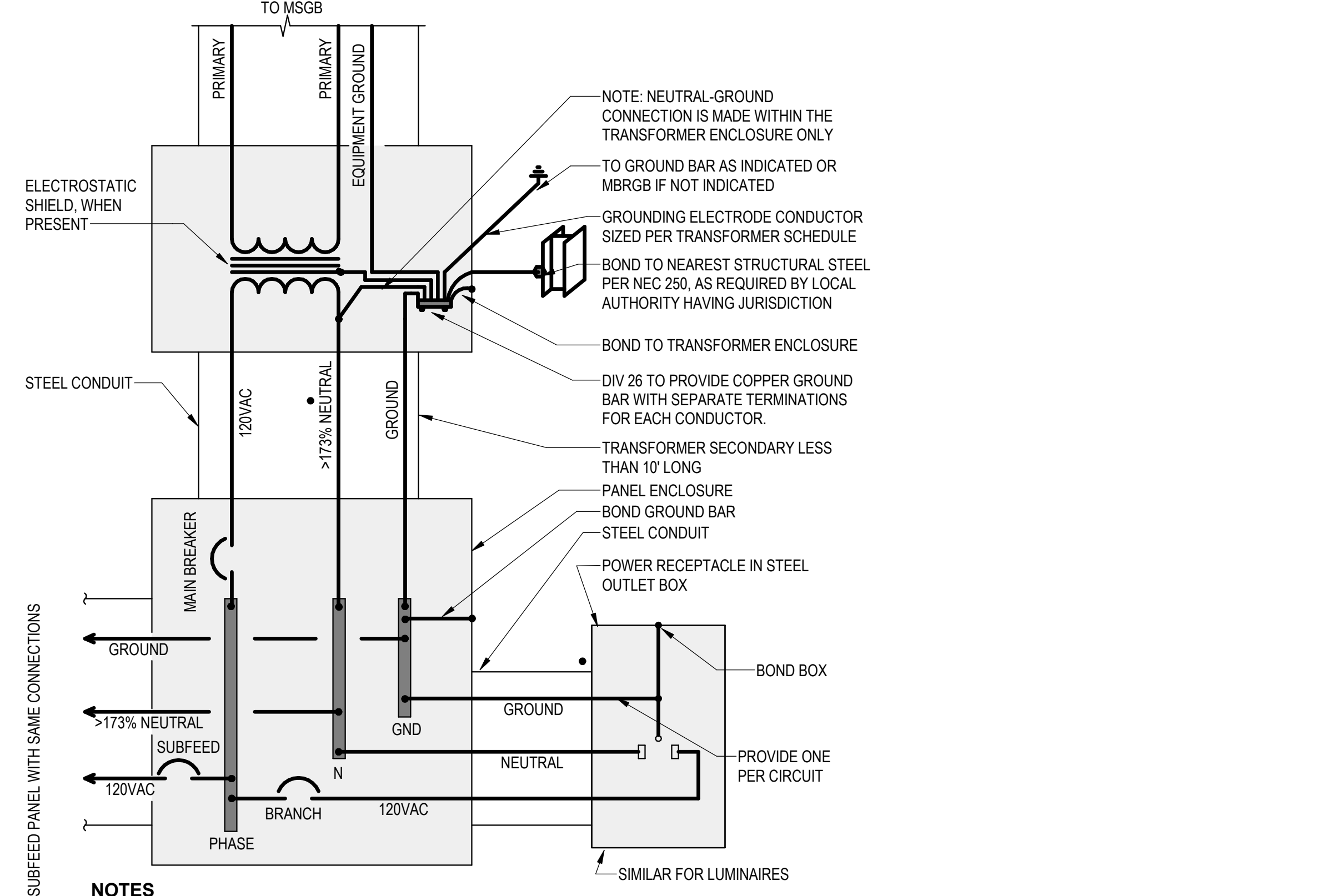
KEYED NOTES

- GROUNDING CONDUCTOR BROUGHT TO SERVICE EQUIPMENT PER NEC 250.24(b). SIZED PER NEC TABLE 250.102.
- ALL EQUIPMENT GROUNDING CONDUCTORS (EGC) FOR RECEPTACLE AND OTHER BRANCH CIRCUITS SHALL BE SIZED PER NEC TABLE 250.122. MULTIPLE BRANCH CIRCUITS IN EACH HOMERUN SHALL USE ONLY ONE EQUIPMENT GROUNDING CONDUCTOR, UON.
- SIZE EQUIPMENT GROUNDING CONDUCTORS FOR FEEDER CIRCUITS PER FEEDER SCHEDULE OR IF NOT SHOWN, PER NEC TABLE 250.122.
- SEPARATELY DERIVED ALTERNATING CURRENT SYSTEM GROUNDING ELECTRODE CONDUCTOR PER NEC 250.30. ROUTE ONE COPPER GROUNDING ELECTRODE CONDUCTOR (GEC), SIZED PER NEC TABLE 250.66, OR AS NOTED, IN CONDUIT TO GROUNDING ELECTRODES SHOWN OR CONNECT TO MAIN BUILDING REFERENCE GROUND BUS IF IN SAME ROOM OR TO BUILDING GROUNDING RISER.
- TYPICAL RECEPTACLE WITH EQUIPMENT GROUNDING CONDUCTOR. GROUND PER NEC 250.146.
- CONNECT EQUIPMENT GROUNDING CONDUCTORS TO GROUND LUG BONDED TO THE ENCLOSURE.
- GROUND ROD OR OTHER MADE ELECTRODES PER NEC 250.52 & 54 AND AS SHOWN ON DRAWINGS AND SPECIFICATIONS. PROVIDE 10'-0" MINIMUM SPACING BETWEEN RODS.
- COPPER GROUND CONNECTION TO COMMUNICATION BACKBOARDS OR TO BUILDING TELECOM GROUNDING RISER. REFER TO EACH SYSTEM FOR SIZE AND QUANTITY. IF NOT SHOWN, SIZE PER BICSI TABLE 5.4.4.1 TBB STANDARDS.
- MAIN BONDING JUMPER: SIZE PER NEC 250.28 AND TABLE 250.102.
- EQUIPMENT COPPER GROUNDING BAR BONDED TO ENCLOSURE.
- BONDING CONDUCTOR TO NEAREST EFFECTIVELY GROUNDED BUILDING STEEL, METAL PIPING SYSTEMS AND METAL DUCTWORK PER NEC 250.104.
- UNDERGROUND, BARE COPPER, 7-STRAND GROUNDING ELECTRODE CONDUCTOR: #4/0 AWG, U.O.N.
- SYSTEM BONDING JUMPER PER NEC 250.28, 250.102(C) AND TABLE 250.102.
- MAIN BUILDING REFERENCE GROUND BUS. REFER TO SPECIFICATIONS AND DETAIL NOTED.
- COLD WATER PIPE AS GROUNDING ELECTRODE PER NEC 250.50(A) & 250.54(D).
- TO LIGHTING OR OTHER 277/480 VOLT BRANCH CIRCUIT.
- BOND PARALLEL METALLIC CONDUITS TOGETHER USING GROUNDING BUSHINGS AND ONE GROUNDING CONDUCTOR IDENTICAL IN SIZE TO GROUNDING CONDUCTOR IN EACH OF THE PARALLEL CONDUIT RUNS.
- FACTORY NEUTRAL DISCONNECT LINK
- COORDINATE WITH UTILITY COMPANY ON WHO DOES THE UTILITY GROUNDING SCOPE. ASSUME IN BID.
- ALL GROUNDING FOR THE EMERGENCY POWER DISTRIBUTION SYSTEM SHALL CONFORM TO ALL REQUIREMENTS SHOWN FOR THE NORMAL POWER DISTRIBUTION SYSTEM.
- SUPPLY SIDE BONDING JUMPER, SIZE PER NEC TABLE 250.102
- UFER GROUND. REFER TO SPECIFICATIONS AND DETAIL NOTED.
- DO NOT CONNECT TRANSFORMER GROUNDING ELECTRODE SYSTEM TO SWITCHBOARD GROUNDING ELECTRODE SYSTEM



- GENERAL NOTES**
- PHASE CONDUCTORS NOT SHOWN FOR CLARITY

1 ELECTRICAL DISTRIBUTION SYSTEM GROUNDING SCHEMATIC - 480V WITH GENERATOR
SCALE: NONE



- NOTES**
- DIAGRAM HAS BEEN SIMPLIFIED TO SINGLE PHASE FOR CLARITY.
 - NON-K-RATED (K-1) TRANSFORMER WIRING IS THE SAME EXCEPT NEUTRAL (GROUNDED)

4 TRANSFORMER/PANEL/OUTLET/LUMINAIRE WIRING (NON ISOLATED GROUND PANELS)
SCALE: NONE