

DAVENPORT MAIN POST OFFICE

1 SOUTH BLVD., E.
DAVENPORT, Florida 33837

MEDIUM STANDARD BUILDING DESIGN

PROJECT NUMBER: E54635
DATE: 06 / 16 / 22
ISSUED FOR: 100% DESIGN

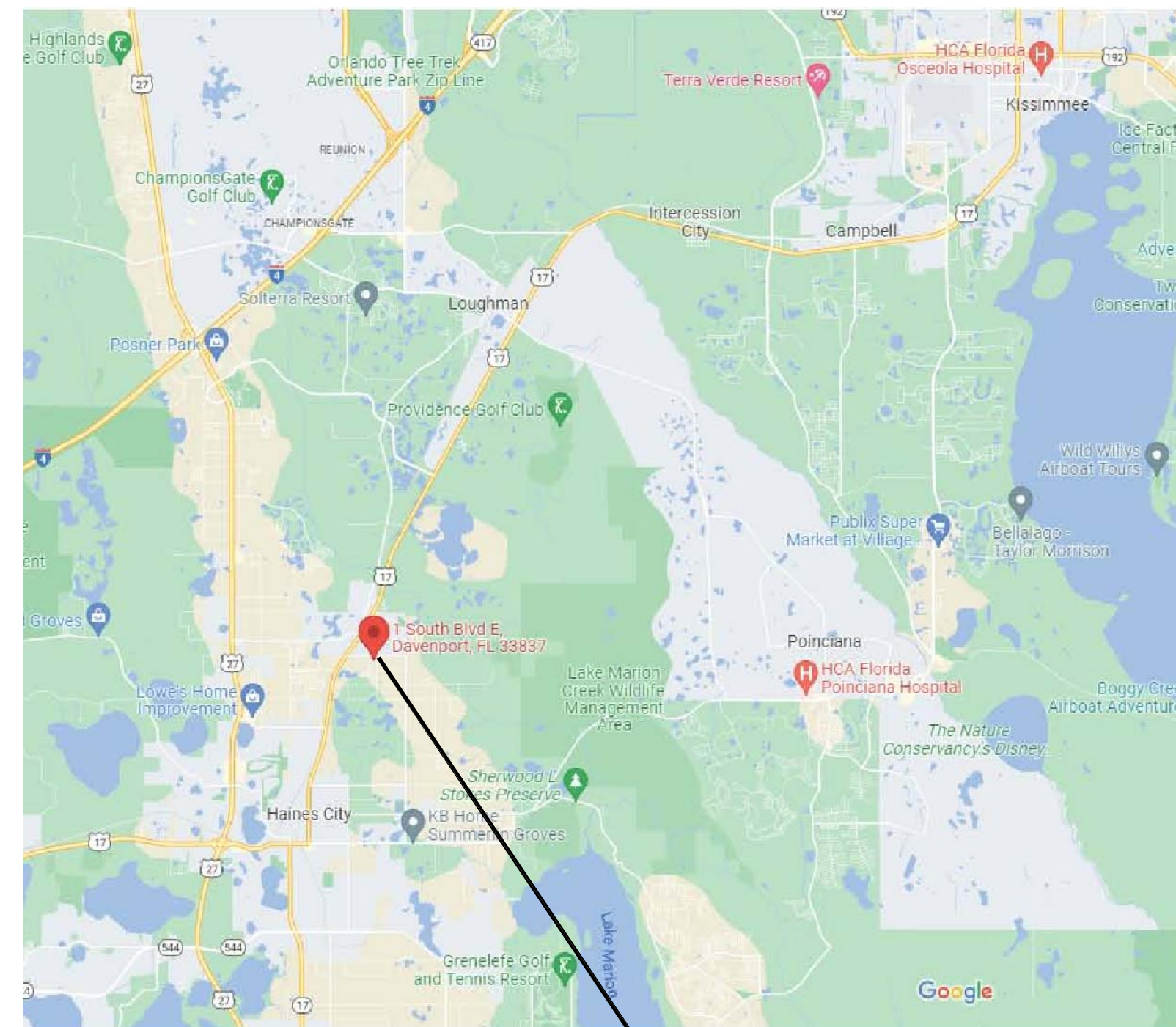


ARCHITECT
JOSE E. BLANCO - ARCHITECT, P.A.
2673 SW 14th COURT
DEERFIELD BEACH, FLORIDA 33442
305-205-1813

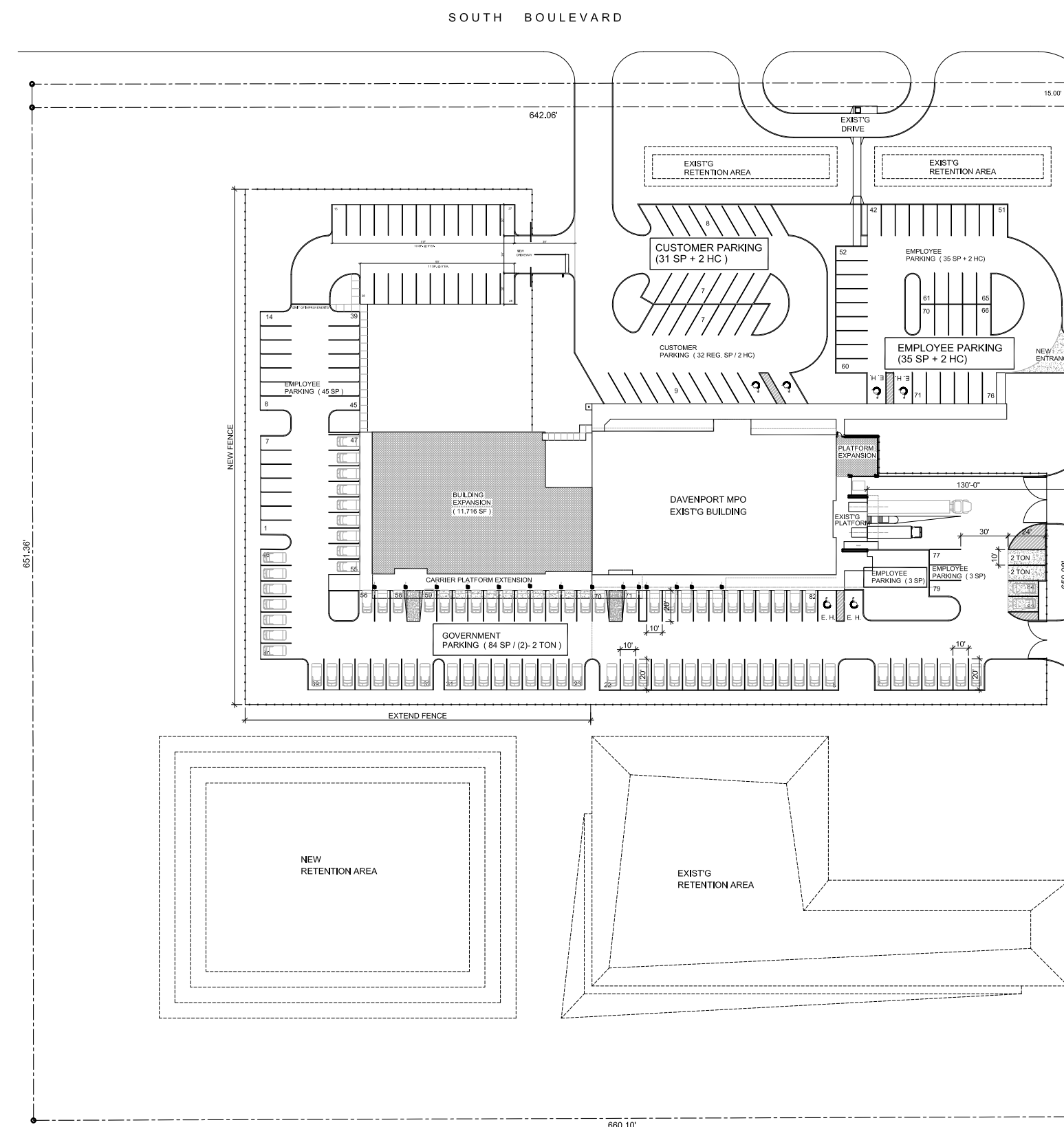
CIVIL
ADVANTAGE ENGINEERING, INC.
3914 Flatiron Loop #102
Wesley Chapel, Florida 33544
813-975-9638

STRUCTURAL ENGINEER
T.C. ENGINEERING
10544 NW 26th STREET, SUITE E-204
Doral Florida 33172
Tel: 305-261-0321

MECHANICAL/ELECTRICAL/PLUMBING
ESI CONSULTING ENGINEERS, INC.
1315 NW 98th Court, Unit #15
Doral, Florida 33172
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LOCATION MAP



LOCALITY MAP

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GENERAL NOTES FOR CONSTRUCTION

- ALL CONTRACTORS AND SUB-CONTRACTORS SHALL VISIT THE SITE AND ACQUAINT THEMSELVES WITH THE EXTENT OF THE EXISTING CONSTRUCTION PRIOR TO PROCEEDING WITH ANY WORK.
- THE EXACT CONFIGURATIONS AND DIMENSIONS OF THE EXISTING CONSTRUCTION AS DESCRIBED BY THESE DRAWINGS SHALL BE VERIFIED BY THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTOR AND ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. FURTHERMORE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ANY EXISTING PIPING, DUCTS, CONDUIT, ETC., INSIDE WALLS, UNDER SLABS AND PAVEMENT OR WHERE NECESSARY CONCEALED BY EXISTING CONSTRUCTION AS DESCRIBED IN THESE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, FITTING, AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO RESTORE WORK WHICH HAS BEEN CUT OR REMOVED FROM ITS ORIGINAL CONDITION. ADDITIONALLY, ALL ADJACENT EXISTING WORK IN PLACE SHALL PROTECTED FROM DAMAGE DUE TO ANY NEW CONSTRUCTION.
- THE CONTRACTOR WILL CONFINE THE CONSTRUCTION DEBRIS AND DUST TO THE CONSTRUCTION AREA. ALL ACCESS AREAS AND COMMON AREAS ARE TO BE MAINTAINED IN A CLEAN AND ORDERLY FASHION. THE CONTRACTOR WILL REMOVE ALL TRASH AND DEBRIS, INCLUDING EXCESS MATERIALS FROM THE CONSTRUCTION SITE. NO UNREASONABLE ACCUMULATION WILL BE ALLOWED AND ALL FOREIGN MATERIAL WILL BE REMOVED UPON COMPLETION.
- THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL COORDINATE THEIR WORK IN STRICT ACCORDANCE WITH ALL GUIDELINES, REGULATIONS AND REQUIREMENTS AS SET FORTH BY THE LOCAL GOVERNING BUILDING AND ZONING DEPARTMENTS, IF APPLICABLE.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ARCHITECT/ENGINEER, USPS PROJECT MANAGER AND POSTAL SERVICE MAINTENANCE DEPARTMENT IN ORDER TO AVOID INTERRUPTION OF POSTAL OPERATIONS. ALL SCHEDULING OF WORK WILL BE SUBMITTED IN WRITTEN FORM TO ARCHITECT FOR REVIEW AND APPROVAL OF ALL PARTIES.
- CONTRACTOR SHALL MAINTAIN A CLEAN AND SAFE WORKING ENVIRONMENT AND ABIDE BY ALL OSHA REGULATIONS. PROVIDE PROTECTIVE COVERING ON NEWLY INSTALLED WORK. CLEAN AND PERFORM MAINTENANCE AS NECESSARY UNTIL COMPLETION AND ACCEPTANCE OF WORK BY OWNER/CLIENT. CLEAN-UP ALL WORK ON A DAILY BASIS IN AREAS CURRENTLY OCCUPIED BY USPS.
- ALL WORK FOR IMPROVEMENT OF THIS SPACE SHALL BE DONE IN STRICT ACCORDANCE WITH, BUT NOT LIMITED TO, APPLICABLE REQUIREMENTS OF THE FOLLOWING CODES:
 - FLORIDA BUILDING CODE, 2020 CURRENT EDITION, ALL DISCIPLINES.
 - NATIONAL ELECTRICAL CODE, CURRENT EDITION.
 - FLORIDA FIRE PREVENTION CODE, FIFTH EDITION.
 - OSHA..
- CONTRACTOR UNDERSTANDS THAT THIS FACILITY IS IN FULL OPERATION AND PROPER SCHEDULING OF WORK IS OF EXTREME IMPORTANCE IN ORDER TO MINIMIZE INTERRUPTIONS TO POSTAL OPERATIONS.
- CAREFUL CONSIDERATION SHALL BE MADE TO SEQUENCING OF CONSTRUCTION AND TO MAINTAIN COMMUNICATION WITH AUTHORIZED POSTAL REPRESENTATIVES OF WORK SCHEDULES IN ORDER TO AVOID ANY CONFLICTS WITH POSTAL OPERATIONS.
- USPS WILL TRY TO ACCOMMODATE CONTRACTOR'S SCHEDULE, WITHIN REASON, AT CRITICAL PORTIONS OF THE WORK IN ORDER TO PROVIDE UNDISTURBED BLOCKS OF TIME FOR PERFORMANCE OF SUCH WORK. BUT IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ALLOW ADEQUATE TIME FOR USPS TO NOTIFY ALL AFFECTED PERSONNEL AND OPERATIONS AND TO POST SIGNAGE AS MAY BE REQUIRED.
- SHOULD THE CONTRACTOR FAIL TO FOLLOW THE PROCEDURES ABOVE AND BEGIN ANY PORTION OF THE WORK WITHOUT AUTHORIZATION, THE WORK MAY BE STOPPED BY USPS OR ITS AUTHORIZED REPRESENTATIVES UNTIL PROPER NOTIFICATION IS GIVEN. SHOULD THE USPS OR ITS AUTHORIZED REPRESENTATIVES TAKE SUCH ACTION, IT WILL BE AT THE CONTRACTOR'S EXPENSE. NO CHARGE ORDER FOR TIME OR MONEY WILL BE ENTERTAINED OR ALLOWED FOR CONTRACTOR'S NEGLIGENCE IN THESE MATTERS.
- CONTRACTORS, SUB-CONTRACTORS AND EMPLOYEES SHALL EXPECT TO COMPLY WITH AND PASS A BACKGROUND CHECK IN ORDER TO PERFORM WORK WITHIN THIS FACILITY.
- ALL WORK SHALL INCLUDE ALL REQUIRED LABOR AND MATERIAL FOR A COMPLETE INSTALLATION OF THE SCOPE OF WORK AS DESCRIBED IN THE CONSTRUCTION DRAWINGS AND SPECS.
- CONTRACTORS SHALL ENSURE THAT ALL PERSONS PERFORMING WORK AT WORK SITE ARE SKILLED AND KNOWLEDGEABLE IN METHODS, CRAFTSMANSHIP, AND SAFETY PRECAUTIONS NEEDED TO PRODUCE HIGH-QUALITY WORKSMANSHIP. ALL WORK SHALL COMPLY WITH WORKSMANSHIP STANDARDS AS SPECIFIED AND AS RECOGNIZED IN THE CONSTRUCTION INDUSTRY FOR SAME TYPE OF WORK.
- COORDINATE CONSTRUCTION STAGING AREA, SITE STORAGE OF MATERIAL, CONTRACTOR PARKING, AND BUILDING ACCESS WITH PLANT MANAGER AND OR THEIR REPRESENTATIVE.
- USPS OPERATIONS TAKE PRECEDENCE OVER CONSTRUCTION ACTIVITIES. ALL CONSTRUCTION ACTIVITIES IMPACTING USPS OPERATIONS SHALL BE COORDINATED IN ADVANCE WITH THE MANAGER AND HIS REPRESENTATIVES. COORDINATE HOURS OF WORK WITH USPS THAT BEST ACCOMMODATES THEIR RESPECTIVE SCHEDULES. CONTRACTOR SHALL ANTICIPATE WORKING AFTER NORMAL WORKING HOURS, NIGHTS, WEEKENDS AND HOLIDAYS TO MINIMIZE INTERRUPTIONS TO POSTAL OPERATIONS AND SUBSTANTIALLY COMPLETE SCOPE OF WORK WITHIN CONTRACT TIME FRAME.

BUILDING AREAS			
	EXIST'G	REQUIRED	PROVIDED
GROSS SF	14,941	27,575	27,395
NET SF		23,963	24,732
PLATFORM		1,430	1,449
SERVICE LOBBY		1,379	1,555
PO BOX LOBBY		1,276	1,351
DELIVERY		15,372	15,740
MAIL PROCESSING		853	853
SUPPORT		3,210	3,315
OTHER		1,741	1,918

RETAIL RQUIREMENTS			
	EXIST'G	REQUIRED	PROVIDED
COUNTERS	4	3	3
BOX SECTIONS		32	32
PARCEL LOCKERS		9	9

PLATFORM REQUIREMENTS			
	EXIST'G	REQUIRED	PROVIDED
30"	1	1	1
47"	1	1	1

PARKING REQUIREMENTS - 10 YEAR				
	EXIST'G	REQUIRED	PROVIDED	EXCESS / SHORTAGE
CUSTOMER	81	28	30	+2
CUSTOMER H.C.	3	2	2	0
EMPLOYEE	3	77	79	+2
EMPLOYEE H.C.	2	4	4	0
POSTAL	38	84	84	0
POSTAL (2 TON)	1	2	2	0
TOTAL	128	197	201	+4

CODE ANALYSIS

- GENERAL
 - APPLICABLE CODE
 - 2020 FLORIDA BUILDING CODE W/ 2014 SUPPLEMENTS AND TEST PROTOCOLS FOR HIGH VELOCITY HURRICANE ZONES
 - 2020 FBC - MECHANICAL
 - 2020 FBC - PLUMBING
 - NATIONAL ELECTRIC CODE, NFPA 70
 - NATIONAL FIRE ALARM CODE, NFPA 72
 - FLORIDA FIRE PREVENTION CODE, FIFTH EDITION 2014, NFPA 101
 - PROJECT SUMMARY
 - PROJECT NAME: DAVENPORT MPO
 - LOCATION: 1 SOUTH BLVD. E., DAVENPORT, FL. 33837
 - BUILDING SUMMARY
 - HEIGHT: ONE STORY
 - CONSTRUCTION TYPE: TYPE 2-B (TABLE 601)
 - BUILDING OCCUPANCY CLASSIFICATION - FLORIDA BUILDING CODE SECTION 304, BUSINESS GROUP "B"
 - FIRE SEPARATION: NONE REQUIRED PER SECTION 302.3.1 CUSTODIAL & STORAGE - 1 HOUR FIRE RATING ELECTRICAL ROOMS - 1 HOUR FIRE RATING
 - ALLOWABLE AREA:
 - SPRINKLED - 300% INCREASE - ONE STORY (SECTION 506.3) UNSPRINKLED - 23,000 SF, 3 STORIES (55 FEET) (TABLE 603)
 - ALLOWABLE AREA INCREASE PER FBC 506.3 " FRONTAGE INCREASE"
 - IF = [F/P - 0.25] x W/30 (W = See 506.3.2)
 - [778/905 - 0.25] x 30/30
 - [0.85 - 0.25] x 1 = 0.60
 - 23,000 x 0.60 = 13,800 SF ADDITIONAL AREA ALLOWED
 - 23,000 + 13,800 = 36,800 TOTAL AREA
 - INTERIOR DOORS IN FIRE RATED WALLS:
 - (TABLE 715.4) 1 HOUR WALLS - 3/4 HOUR DOOR
- EXIT REQUIREMENTS / MEANS OF EGRESS COMPONENTS
 - OCCUPANT LOAD (TABLE 1004.1.2) (25,825 SF / 100 = 259 OCCUPANTS)

OCCUPANCY	FLOOR/ AREA	OCCUPANT
BUSINESS	100 GROSS	

 NOTE: ACTUAL EMPLOYEE OCCUPANT LOAD IS 99 MAX. AT PEAK TIME
 - EXIT CAPACITY (TABLE 1005.1)
 - STAIRWAYS - .3 INCHES PER OCCUPANT
 - OTHER COMPONENTS - .2 INCHES PER OCCUPANT (259 x 0.2 = 51.8")
 - DISTANCE TO EXITS (TABLE 1016.1)

	200' W/O FIRE SPRINKLERS	300' W/ FIRE SPRINKLERS
B	200' W/O FIRE SPRINKLERS	300' W/ FIRE SPRINKLERS
 - COMMON PATH OF TRAVEL (SECTION 1014.3)
 - 75' W/O FIRE SPRINKLERS
 - 100' W/ FIRE SPRINKLERS
 - REQUIRED EXITS
 - SECTION 1015, TABLE 1015.1
 - MIN. 2 EXITS REQUIRED WHEN OCCUPANCY EXCEEDS 49.
- SPECIAL REQUIREMENTS
 - FLORIDA ADA ACCESSIBILITY: REFER TO CHAPTER 11 OF 2020 FLORIDA BUILDING CODE AND UNITED STATES POSTAL SERVICE RE4.
 - WINDOWS, DOORS, ETC. SHALL HAVE MIAMI-DADE TESTING APPROVAL NUMBERS FOR WIND DESIGN PRESSURES, LARGE AND SMALL MISSILE IMPACT RESISTANCE.
 - PLUMBING FIXTURE CALCULATIONS
 - PLUMBING FIXTURES REQUIRED PER 2020 FLORIDA PLUMBING CODE (TABLE 403.1)

BUSINESS OCCUPANCY:	
WATER CLOSETS	1 PER 25 (FIRST 50 / 1 PER 50 REMAINDER)
URINALS	UP TO 67% OF WATER CLOSETS IN EA. RESTROOM
LAVATORIES	1 PER 40 (FIRST 80 / 1 PER 80 REMAINDER)
DRINKING FOUNTAINS	1 PER 100
SERVICE SINK	1
 - PLUMBING FIXTURES REQUIRED PER FLORIDA PLUMBING CODE BASED UPON ACTUAL NUMBER OF OCCUPANTS (99 ACTUAL OCCUPANT)

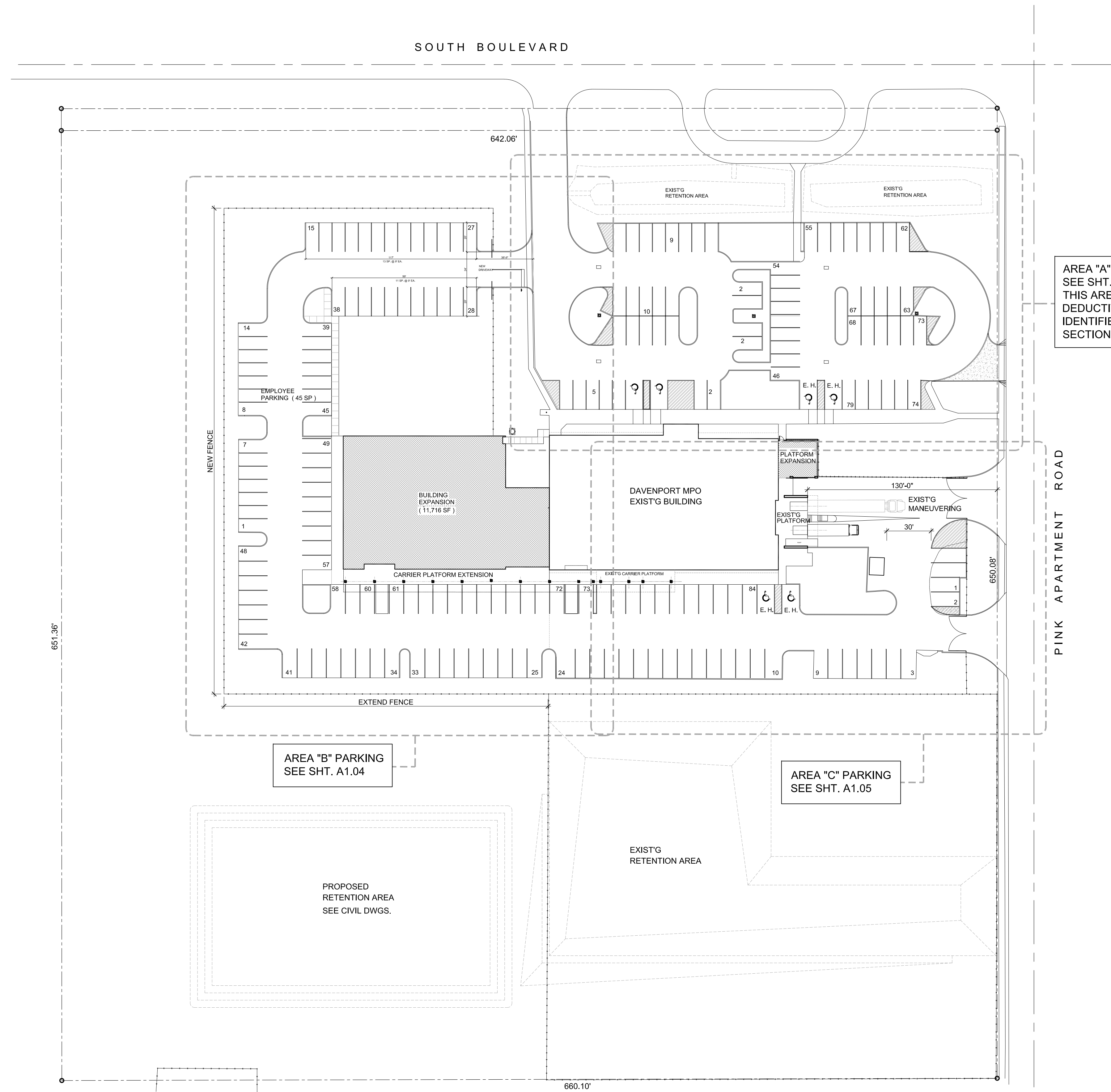
FIXTURE	MALE	FEMALE
WATER CLOSETS	2	3
LAVATORIES	2	2
URINALS	1	-
DRINKING FOUNTAINS	1	-
 - PLUMBING FIXTURES PROVIDED: (W/ 25% INCREASE IN CARRIER FACILITIES = 99 x 1.25 = 124)

FIXTURE	MALE	FEMALE
WATER CLOSETS	3	3
LAVATORIES	3	3
URINALS	1	-
DRINKING FOUNTAINS	2	-

LEGAL DESCRIPTION:

Tracts 23 and 24, in the NW ¼ of Section 10, Township 27 S., Range 27 East, of MAP OF FLORIDA DEVELOPMENT TRACT, less existing road right of way, according to the map plat thereof recorded in Plat Book 3, Pages 60 through 63, of the public records of Polk County, Florida, all more fully described as follows: Begin at the Northeast corner of said Tract 24, the same being the Northeast corner of the Southeast ¼ of the Northwest ¼ of Section 10, Township 27 S., Range 27 East, run thence S 89 deg. 54'44" West, along the North line of said Southeast ¼ of Northwest ¼ a distance of 667.06 feet to the Northwest of said Tract 23, run thence S 0 deg. 05'02" East, along the West boundary of said Tract 23 a distance of 666.36 feet to the Southwest corner of said Tract 23, run thence N 89 deg. 47'52" East, along the South boundary of said Tracts 23 and 24 a distance of 666.10 feet to the Southeast corner of said Tract 24, run thence North along the East boundary of said Tract 24 a distance 665.03 feet to the point of beginning, being subject to road right of way dedication by Map of Florida Development Company Tract Plat across the entire North and East 15.0 feet thereof and subject to an additional 10 foot right of way easement across the West 10.0 feet of the East 25.0 feet of Tract 24 as granted to County of Polk by easement recorded in O.R. Book 1098, Page 791, of the public records Polk County, Florida.

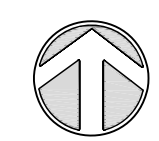
Containing 9.58 acres, more or less.



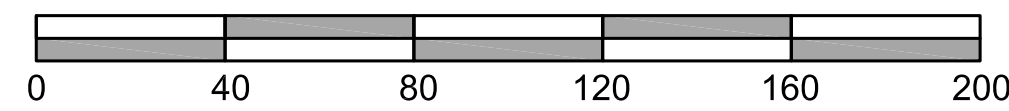
AREA "A" PARKING
SEE SHT. A1.03 -
THIS AREA TO BE PRICED AS
DEDUCTIVE ALTERNATE #2 AS
IDENTIFIED IN SPECIFICATION
SECTION 123000.

AREA "B" PARKING
SEE SHT. A1.04

AREA "C" PARKING
SEE SHT. A1.05

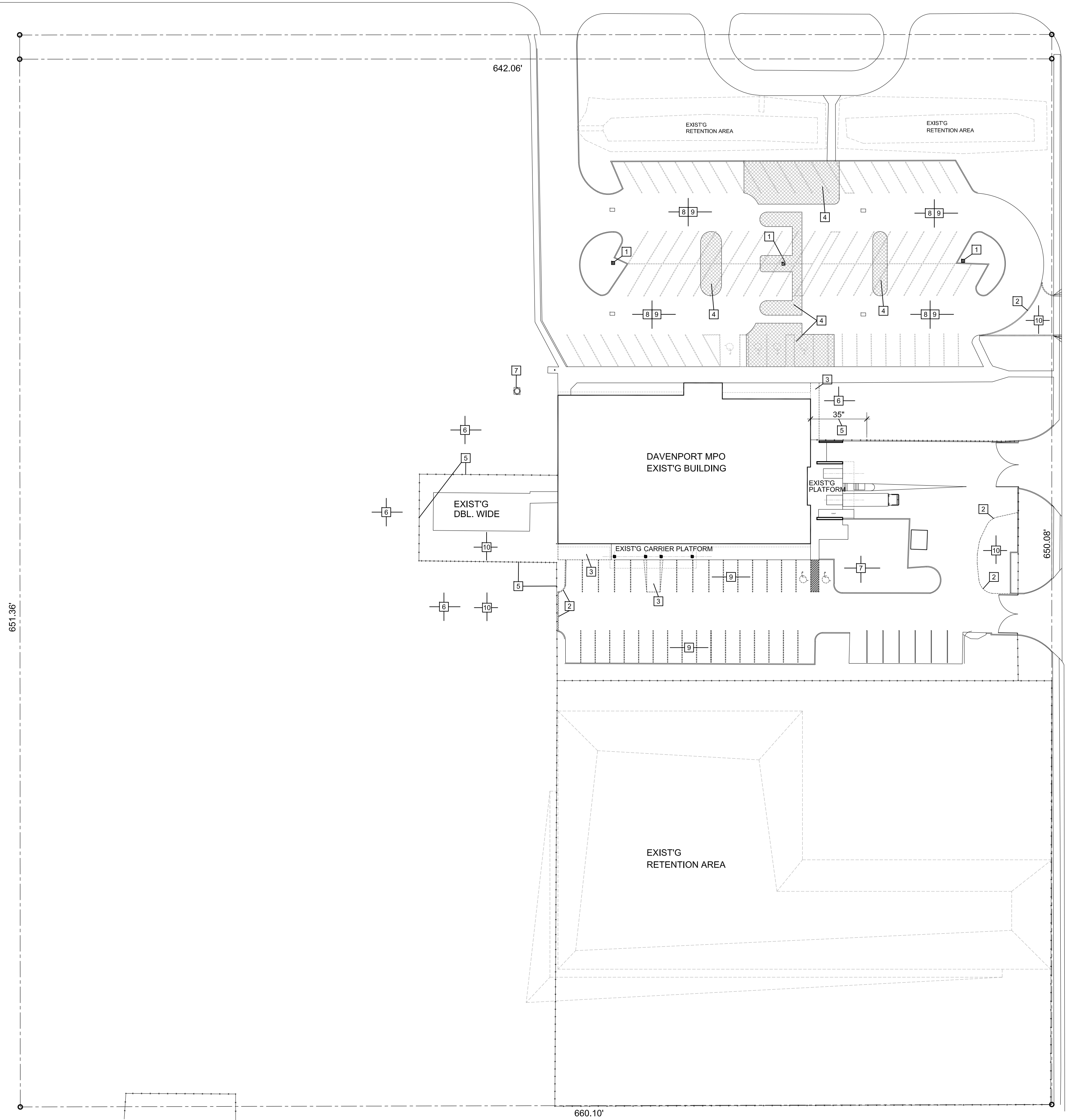


SITE PLAN - PROPOSED
SCALE: 1" = 40'-0"



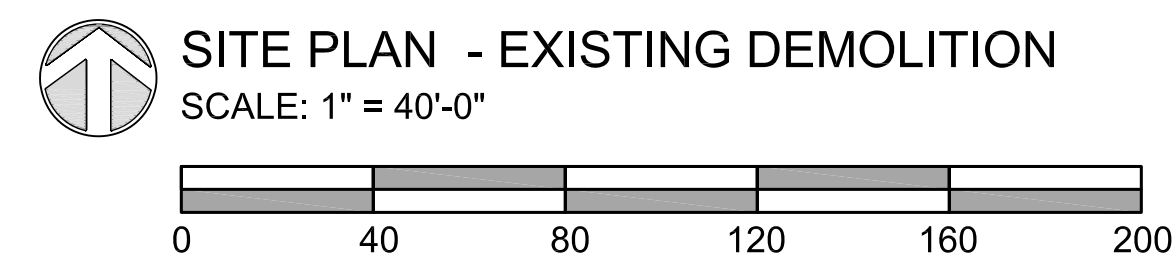
SOUTH BOULEVARD

PINK APARTMENT ROAD



SITE DEMOLITION NOTES

- 1 EXISTING LIGHT POLES AND BASES TO REMAIN.
- 2 REMOVE EXISTING CONCRETE CURBING
- 3 REMOVE EXISTING CONCRETE WALKS
- 4 REMOVE EXISTING ASPHALT PAVING
- 5 REMOVE EXISTING CHAIN LINK FENCING
- 6 REMOVE EXISTING TREES AS REQUIRED FOR SCOPE OF NEW WORK. IDENTIFY ON SITE AND COORDINATE WITH ARCHITECT PRIOR TO REMOVAL.
- 7 EXISTING SEPTIC & DRAINFIELD TO REMAIN. PROTECT FROM CONSTRUCTION ACTIVITIES.
- 8 REMOVE EXISTING CONCRETE WHEEL STOPS. STORE FOR REUSE OF UNITS WITHOUT ANY DAMAGE. DISCARD DAMAGED UNITS
- 9 REMOVE EXISTING STRIPING.
- 10 REMOVE EXISTING GREEN AREAS - COORDINATE W/ CIVIL ENGINEERING FOR NEW PAVED AREAS
- 11 EXISTING DOUBLE WIDE TRAILER TO BE RELOCATED BY OTHERS, N.I.C.



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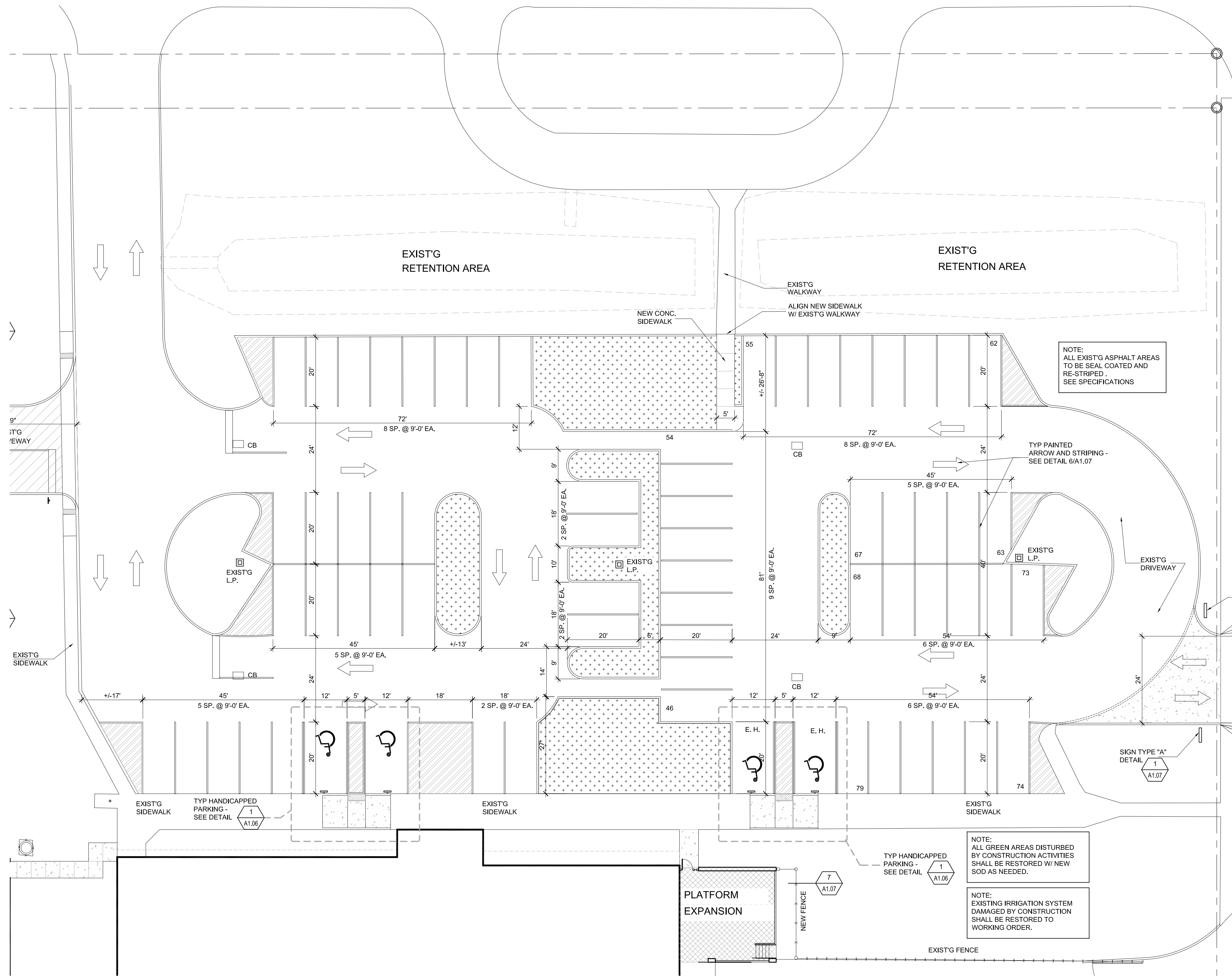
BUILDING & PARKING EXPANSION
DAVENPORT MPO
 1 SOUTH BLVD. E.
 DAVENPORT, FLORIDA 33837



A1.02

Scale: NOTED
 Date: 06/16/22
 Project: 21-23
 USPS File Number: E54835

Revisions:



NOTE:
ALL EXIST'G ASPHALT AREAS
TO BE SEAL COATED AND
RE-STRIPED.
SEE SPECIFICATIONS

TYP PAINTED
ARROW AND STRIPING -
SEE DETAIL 6/A1.07

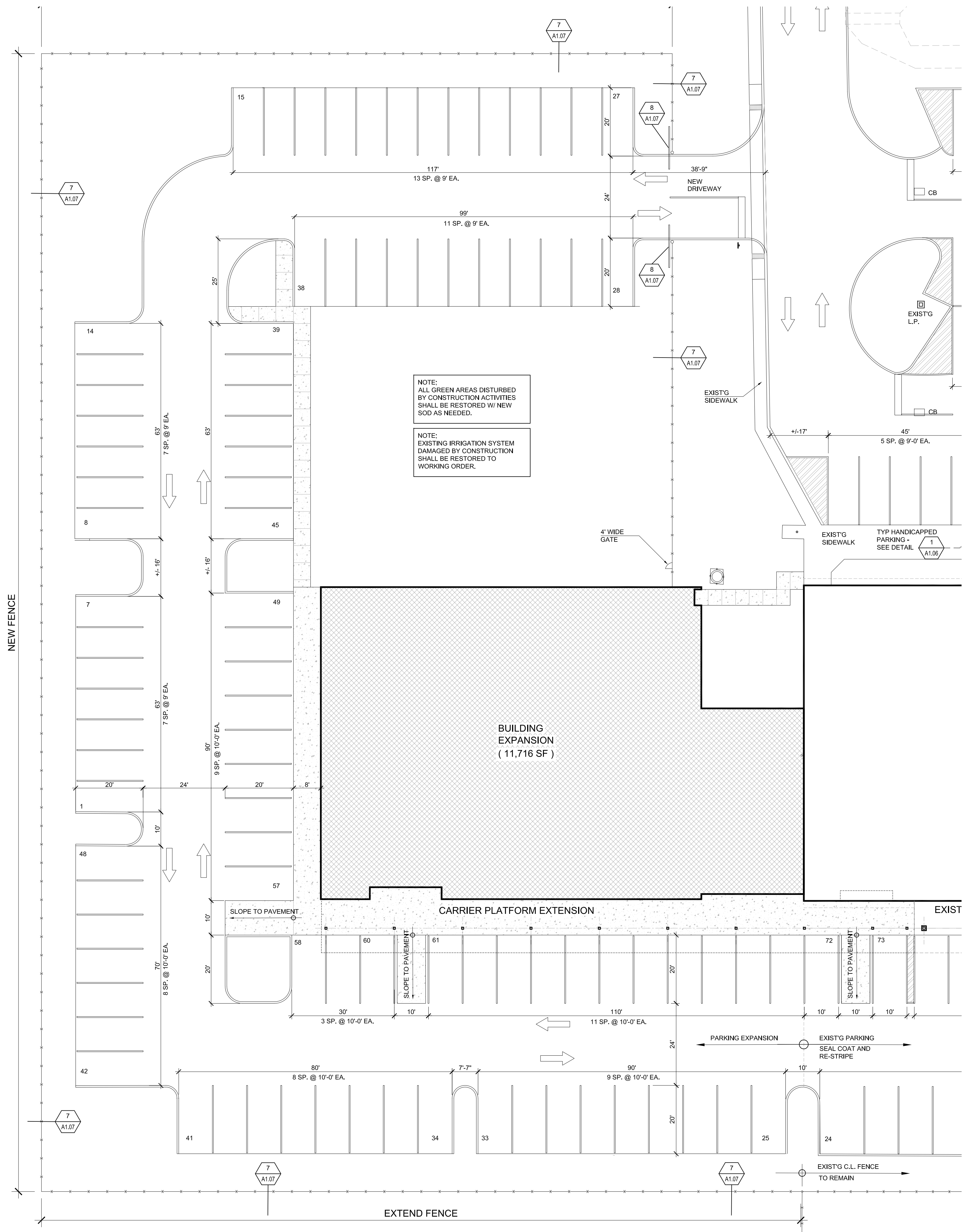
NOTE:
ALL GREEN AREAS DISTURBED
BY CONSTRUCTION ACTIVITIES
SHALL BE RESTORED W/ NEW
SOD AS NEEDED.

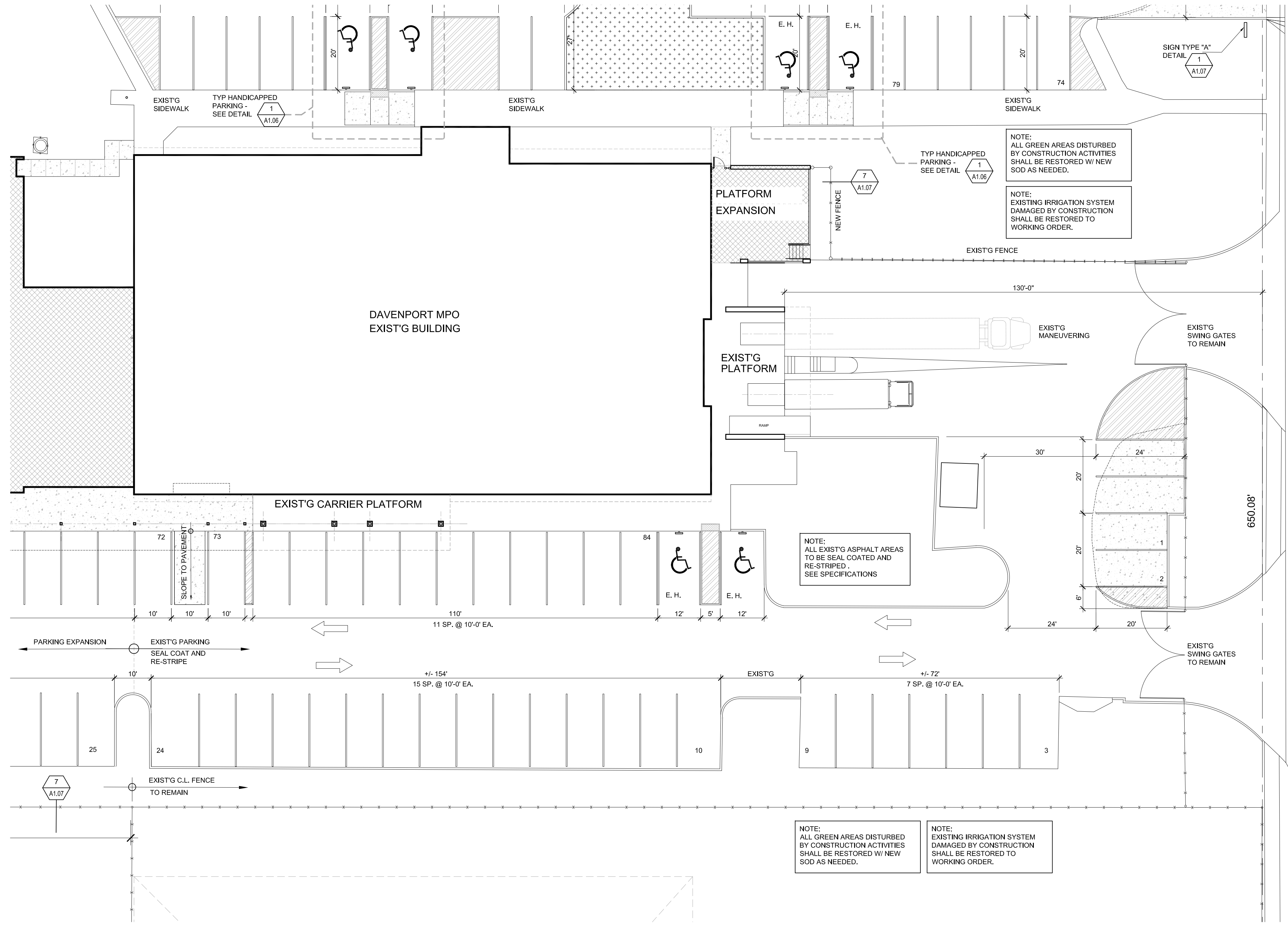
NOTE:
EXISTING IRRIGATION SYSTEM
DAMAGED BY CONSTRUCTION
SHALL BE RESTORED TO
WORKING ORDER.

NOTE:
ALL WORK RELATED TO AREA "A" MODIFICATIONS
SHALL BE PRICED AS A DEDUCTIVE ALTERNATE #2
AS IDENTIFIED IN SPECIFICATION SECTION 012300.

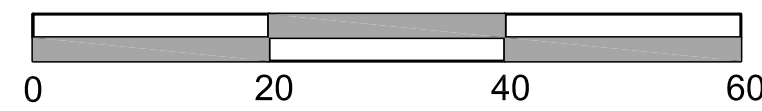
PARTIAL SITE PLAN - AREA "A"
SCALE: 1/16" = 1'-0"
0 20 40 60

PINK APARTMENT ROAD

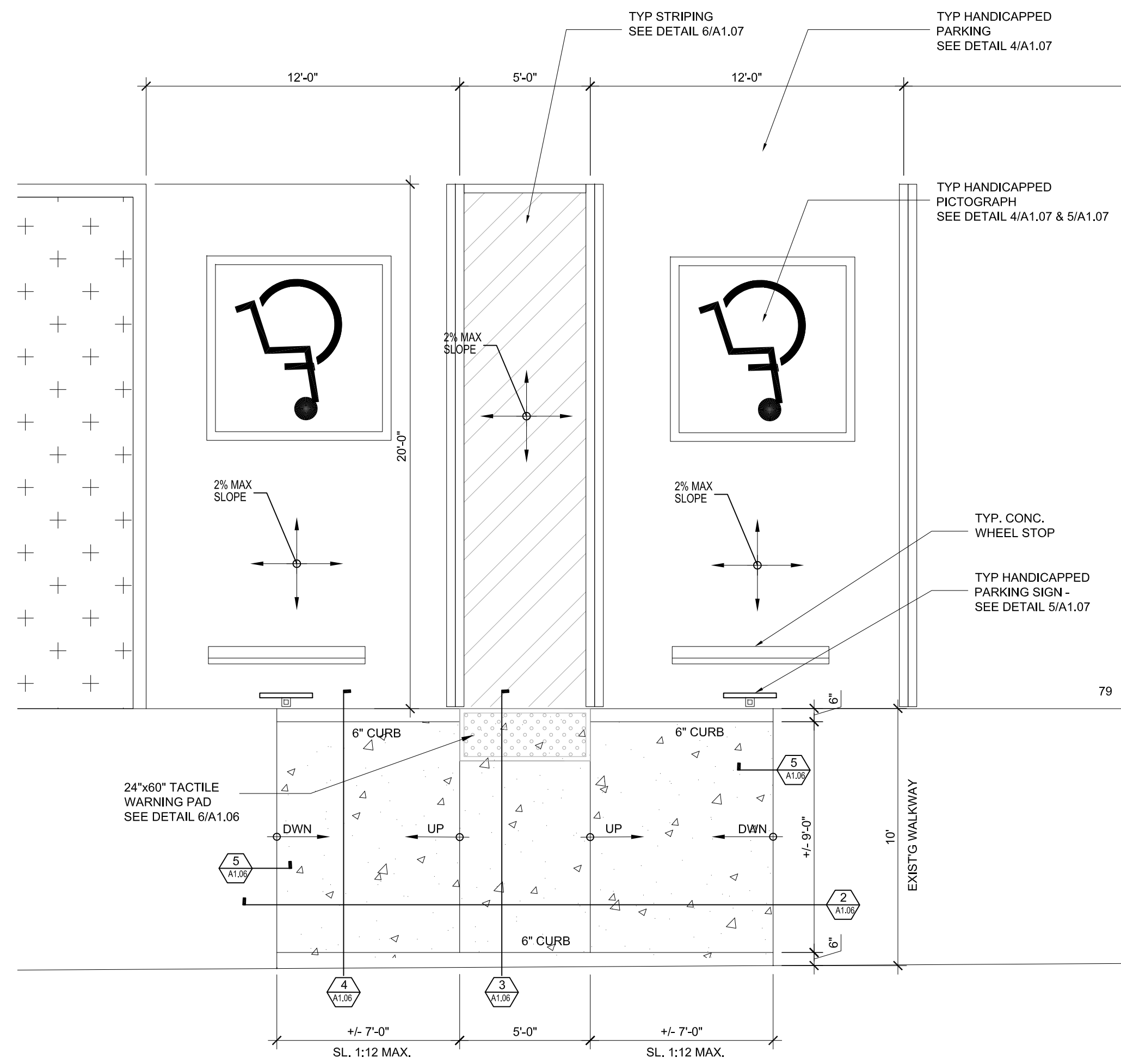




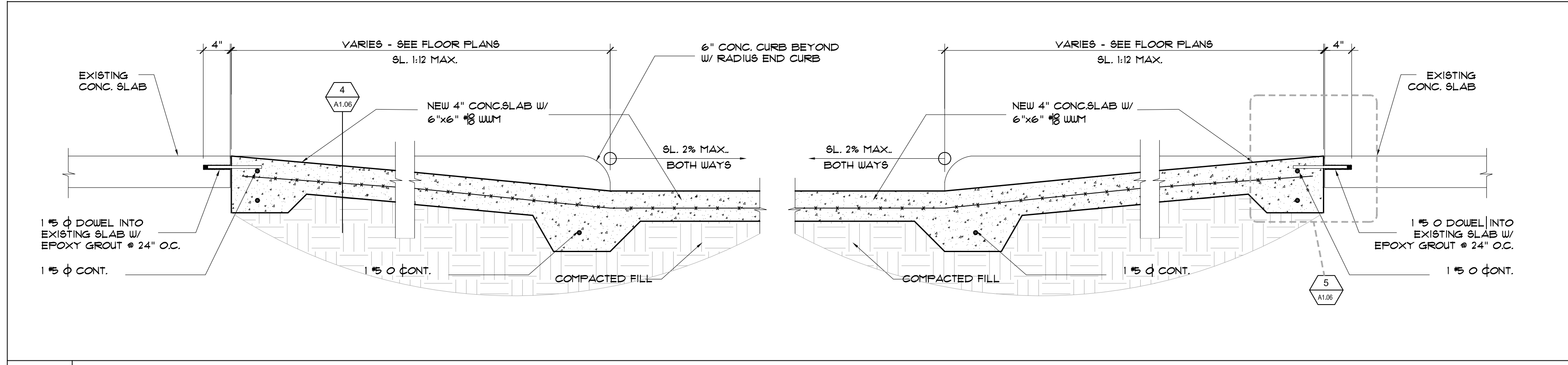
PARTIAL SITE PLAN - AREA "C"
SCALE: 1/16" = 1'-0"



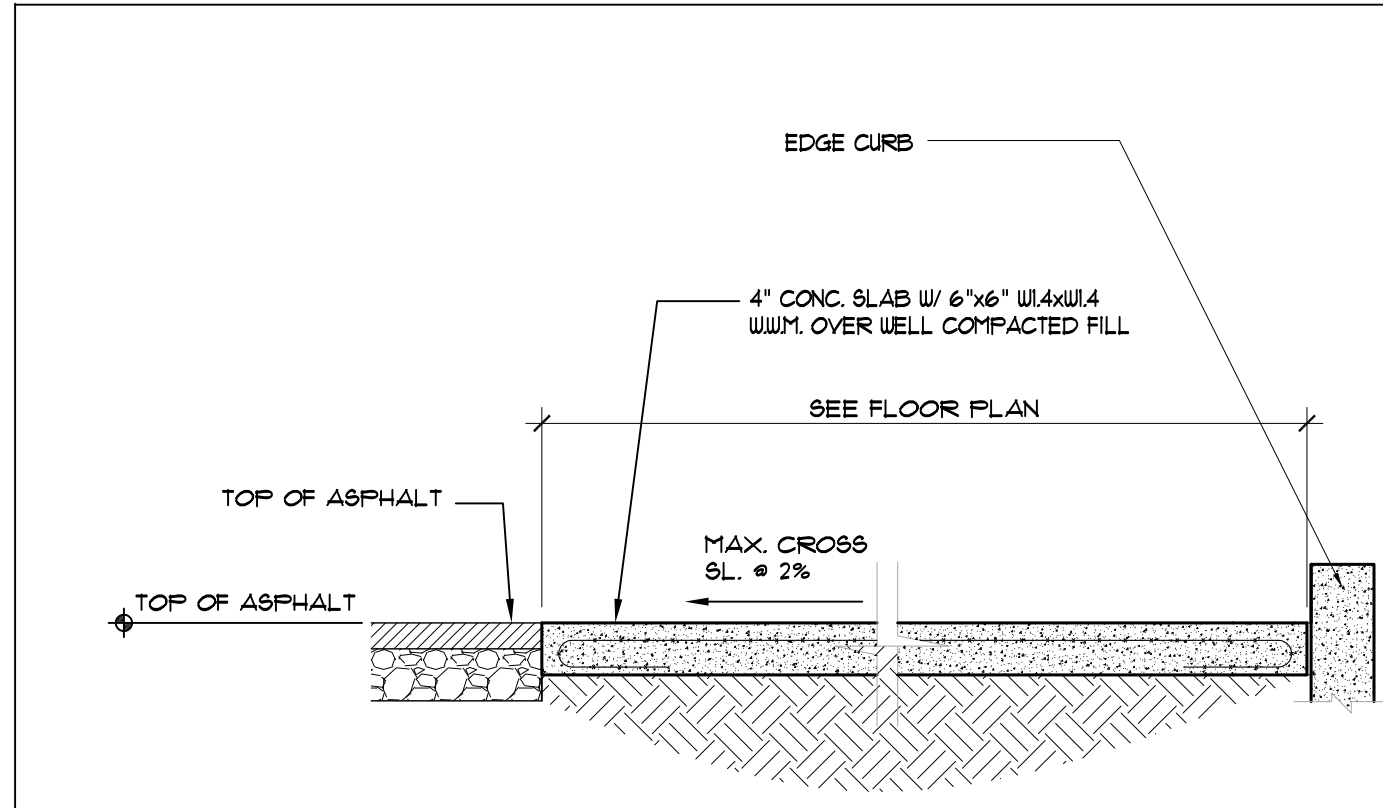
PINK APARTMENT ROAD



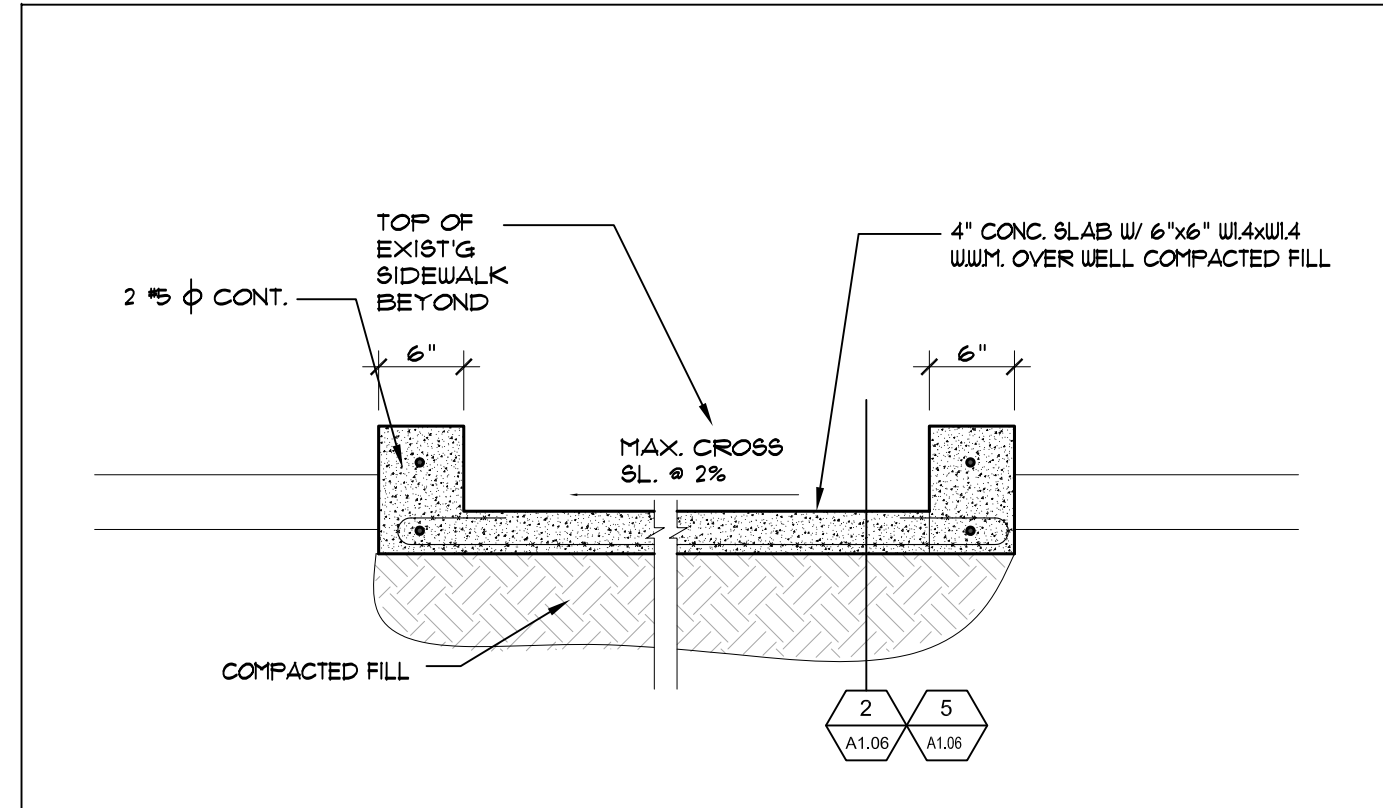
1 HANDICAPPED PARKING DETAIL
A1.06 SCALE: 1/4" = 1'-0"



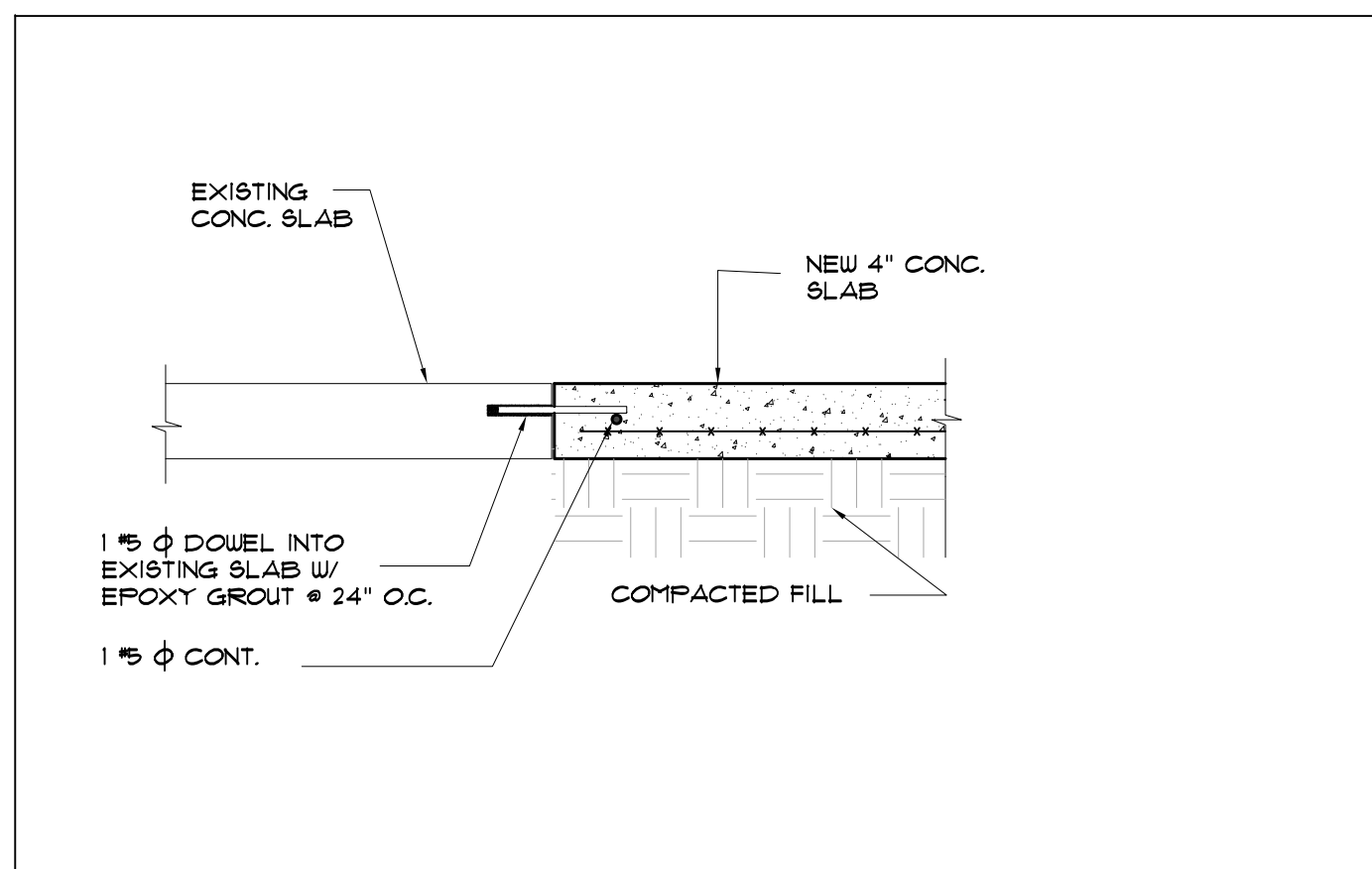
2 TYPICAL DROPPED SIDEWALK DETAIL
A1.06 SCALE: 1/4" = 1'-0"



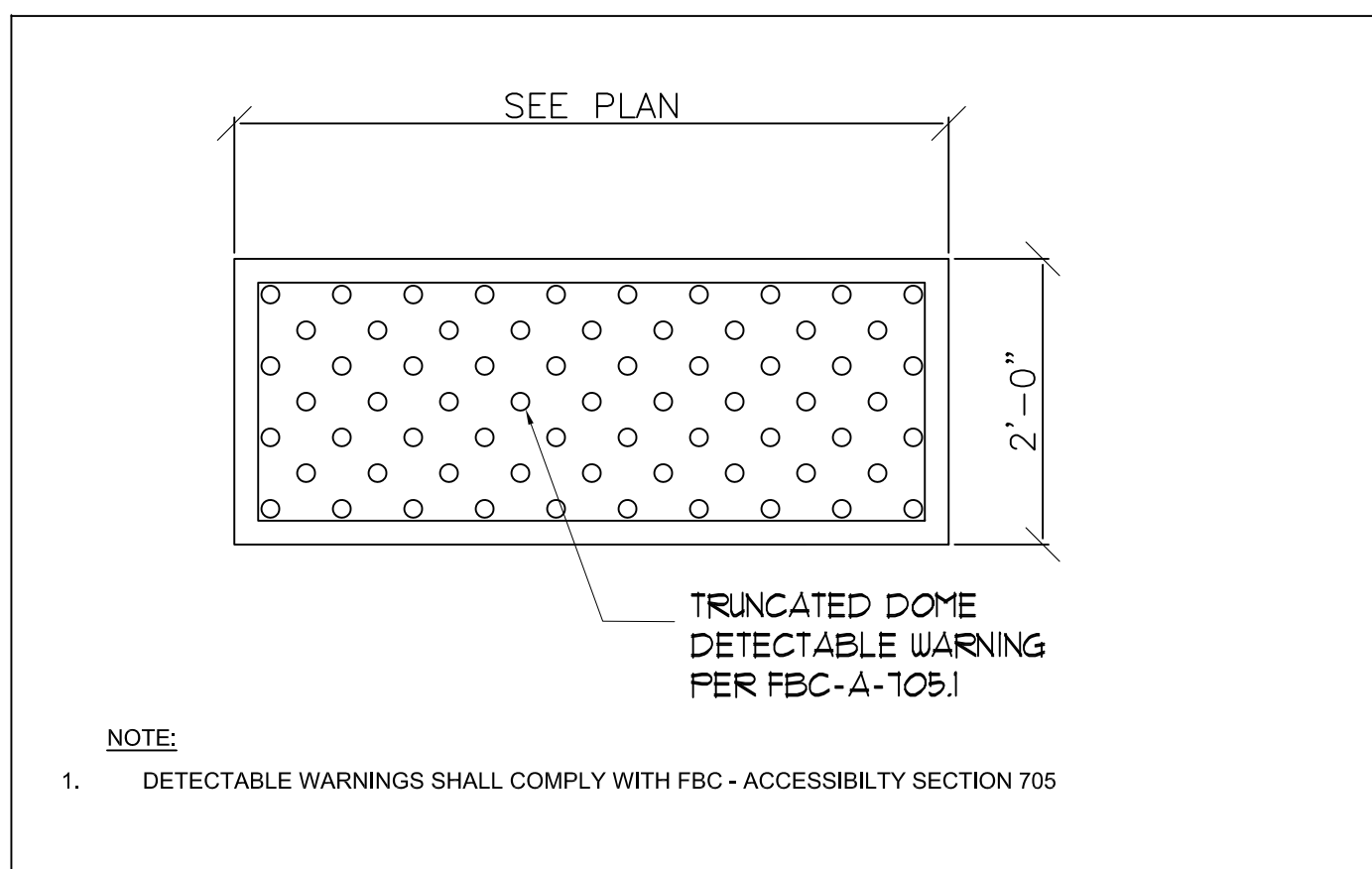
3 LANDING TO PAVEMENT DETAIL
A1.06 SCALE: 3/4" = 1'-0"



4 RAMP CROSS SECTION DETAIL
A1.06 SCALE: 1/4" = 1'-0"

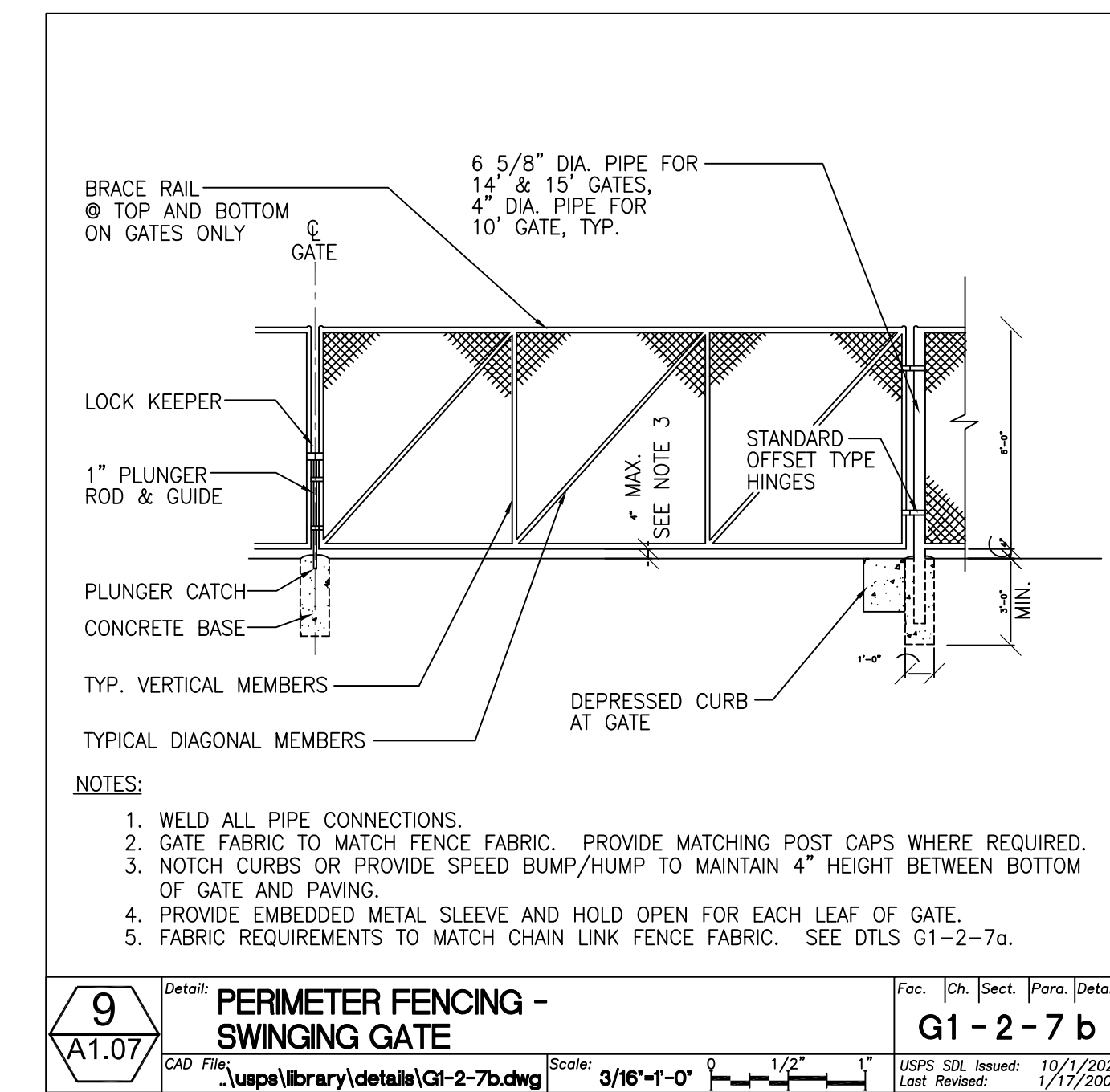
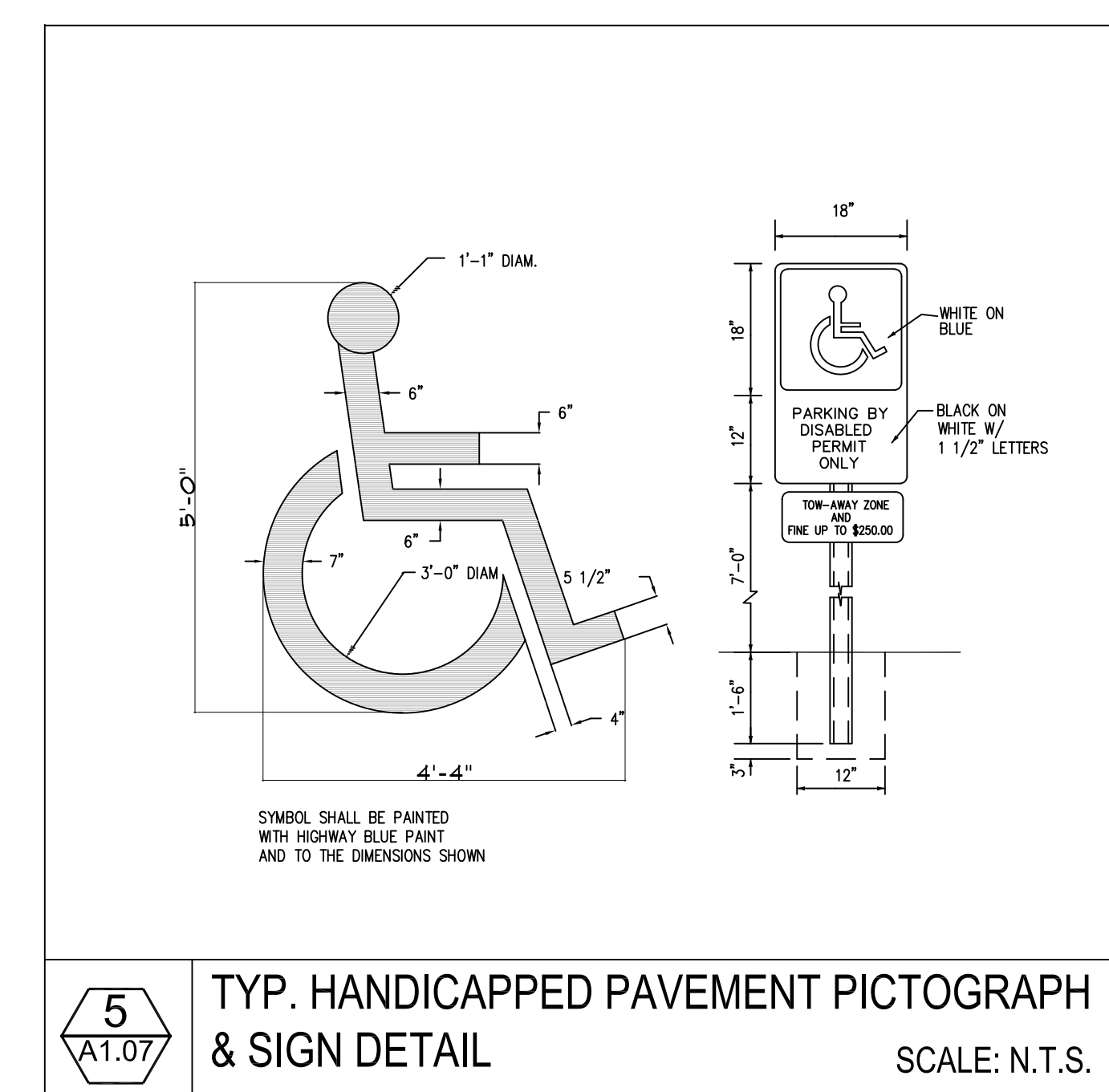
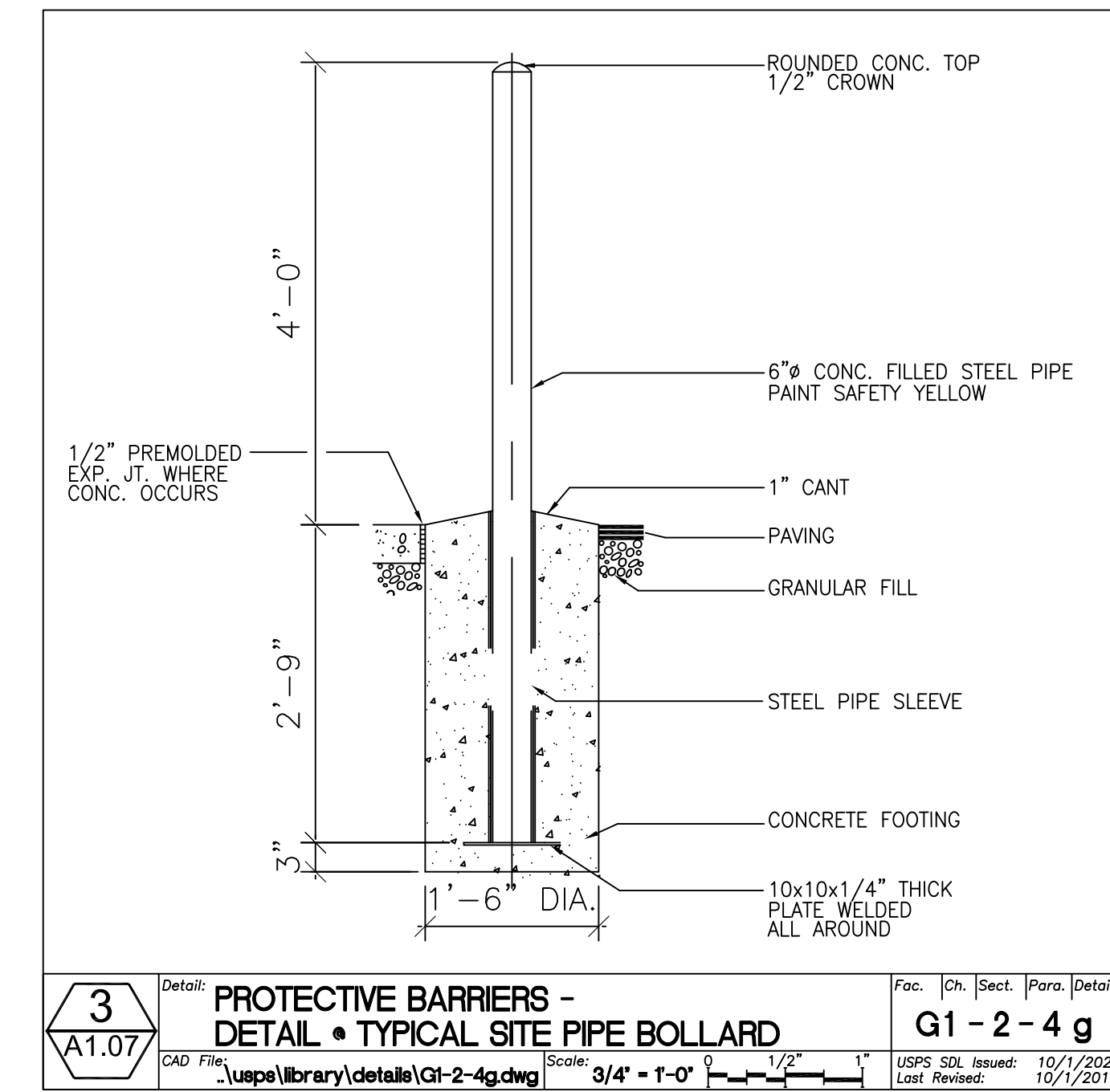
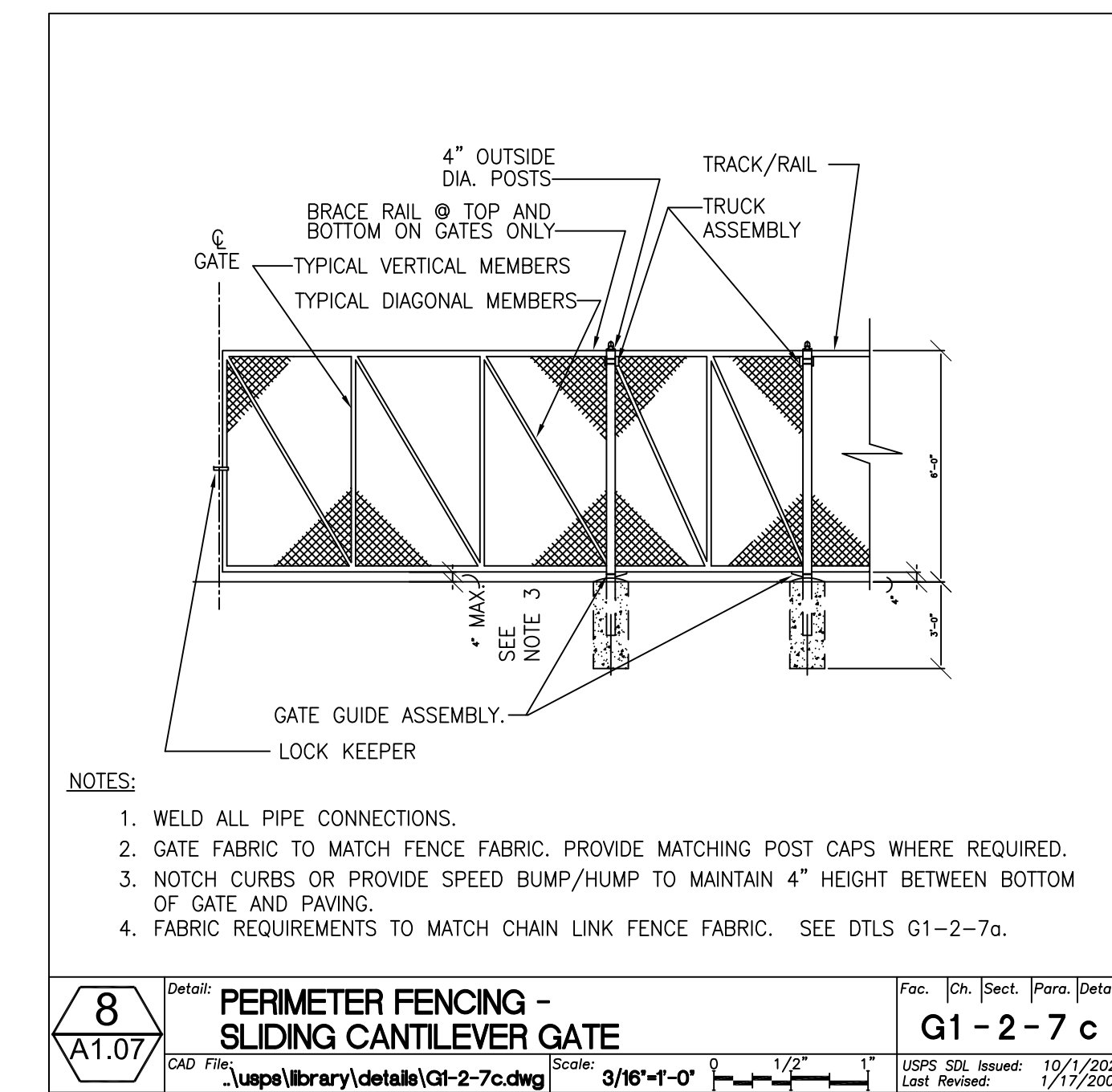
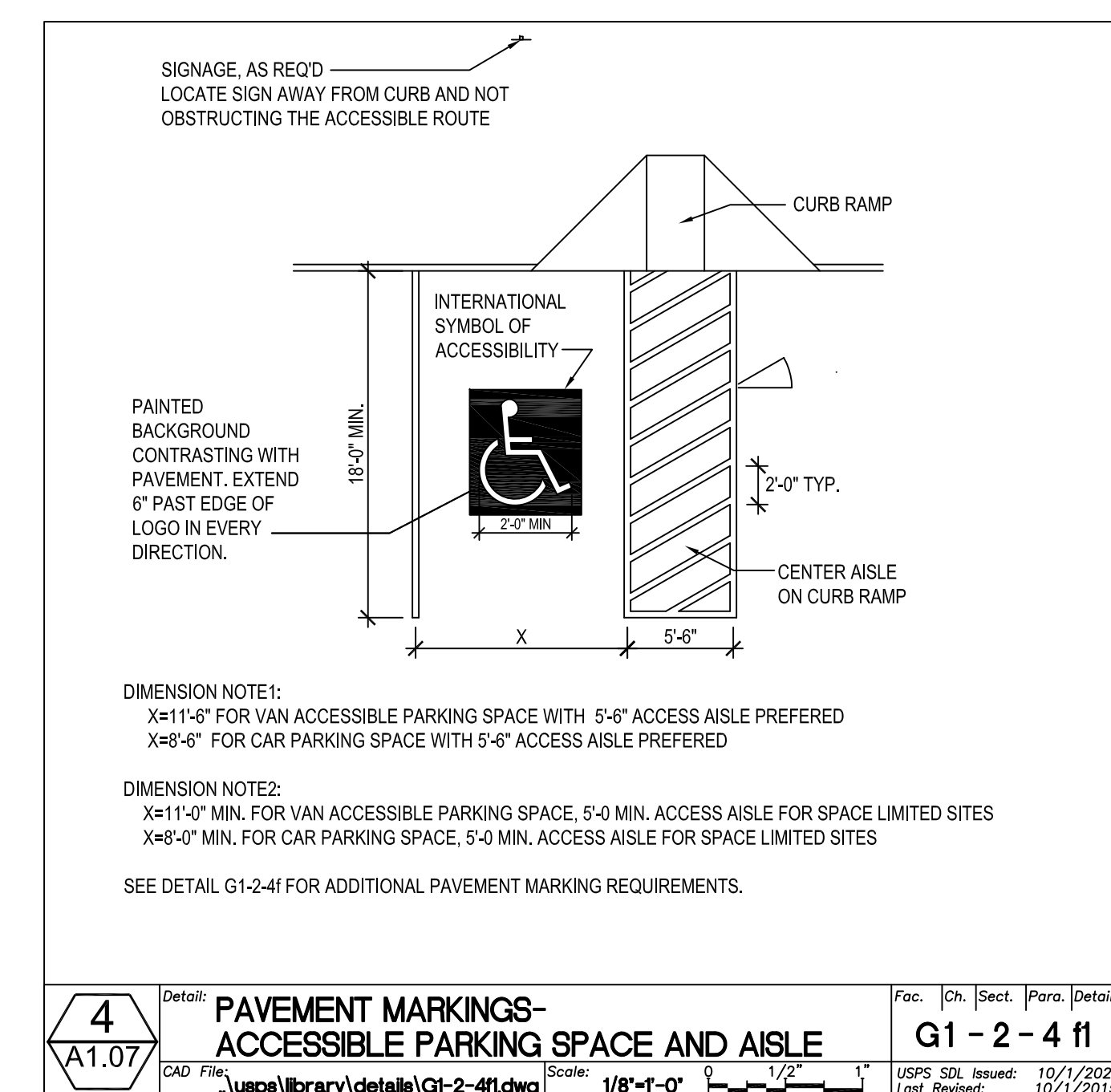
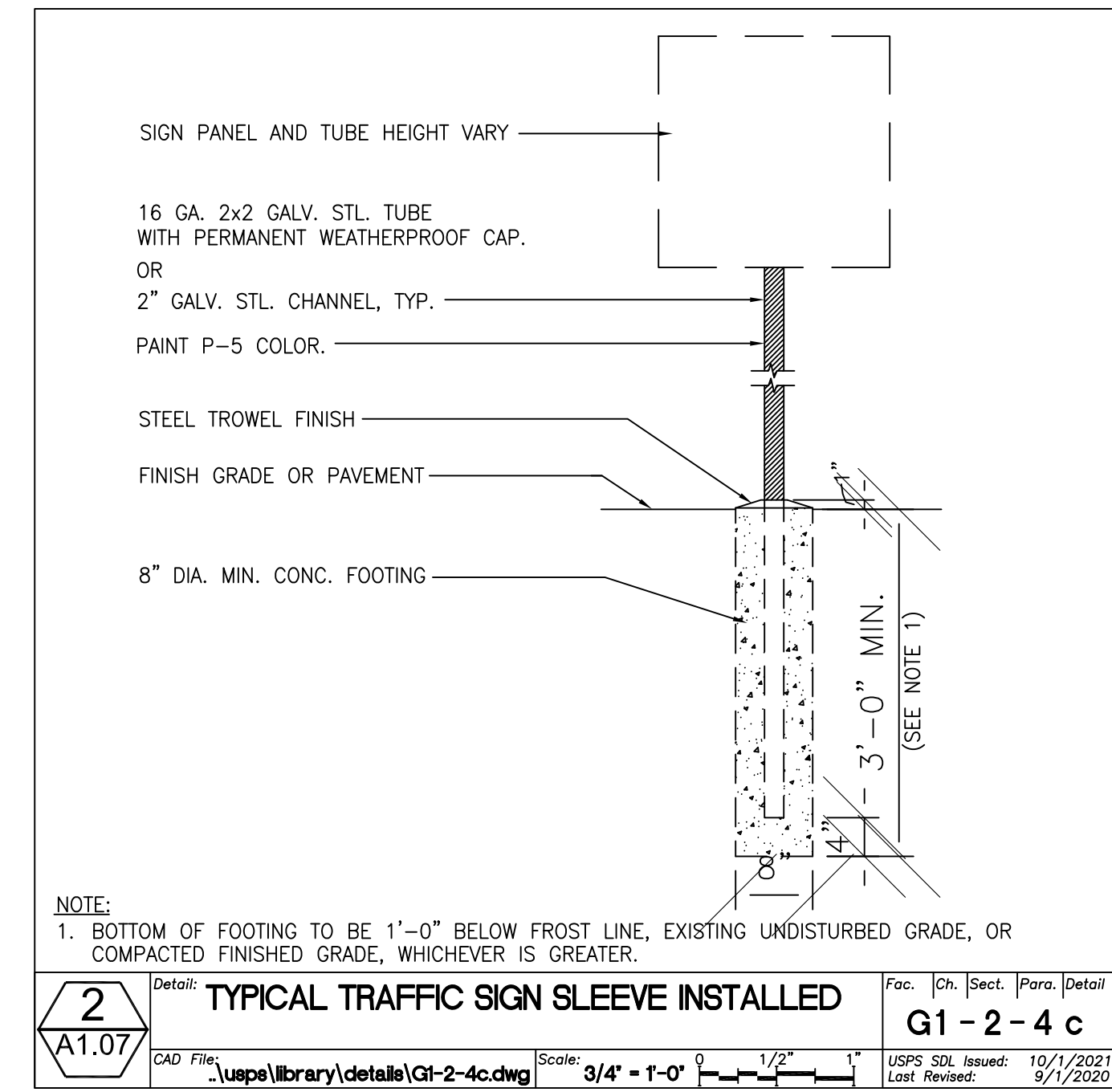
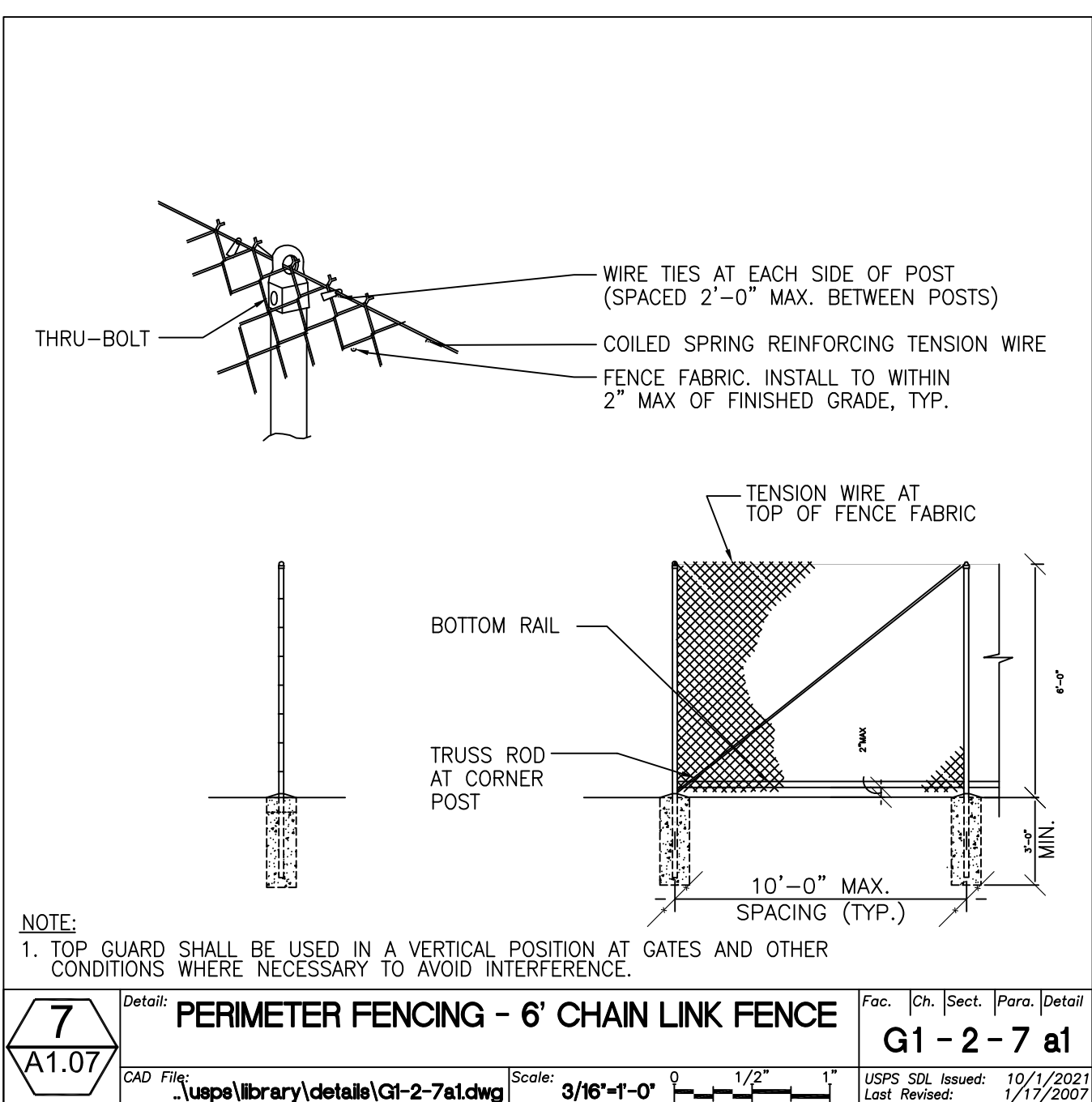
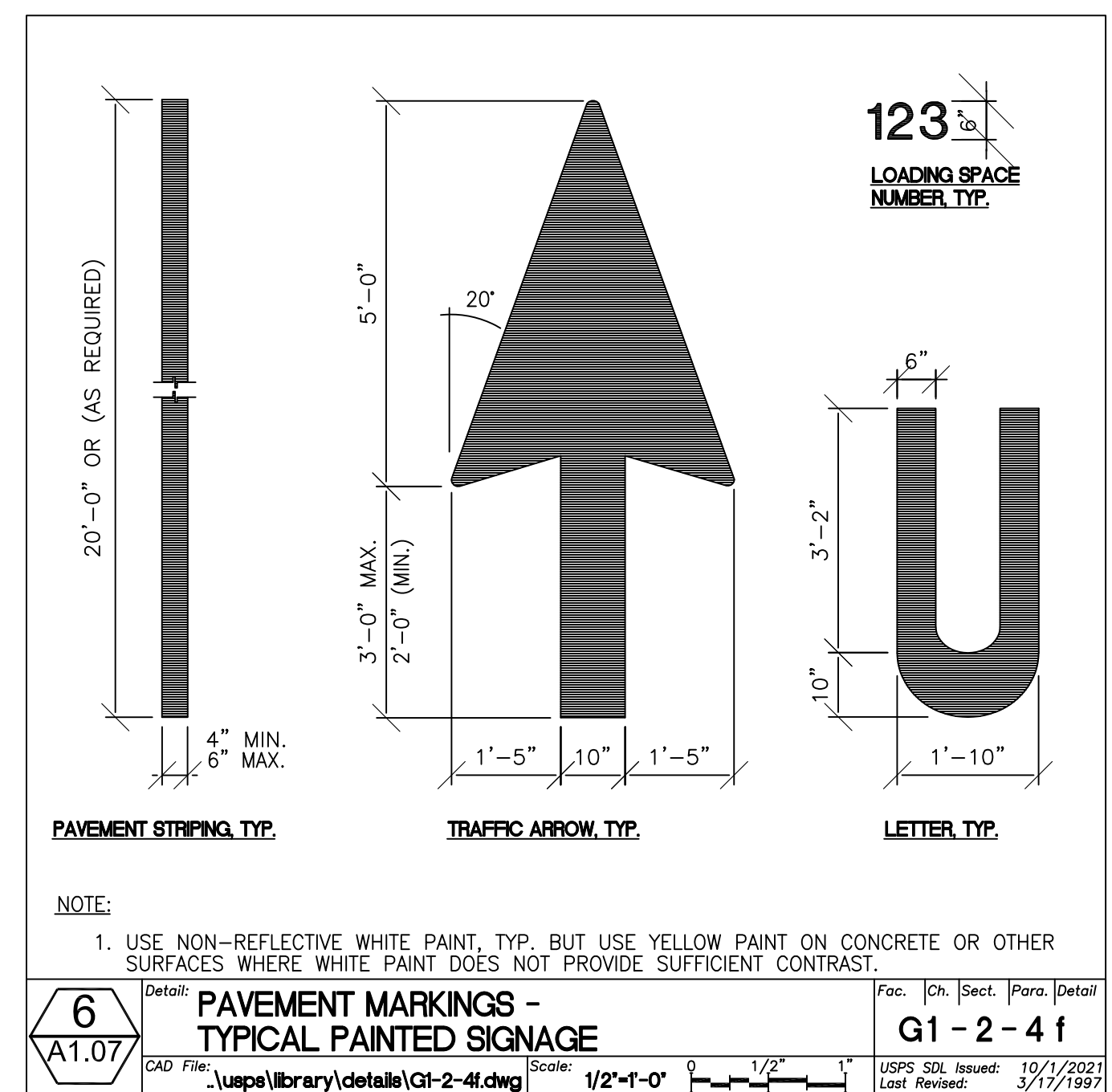
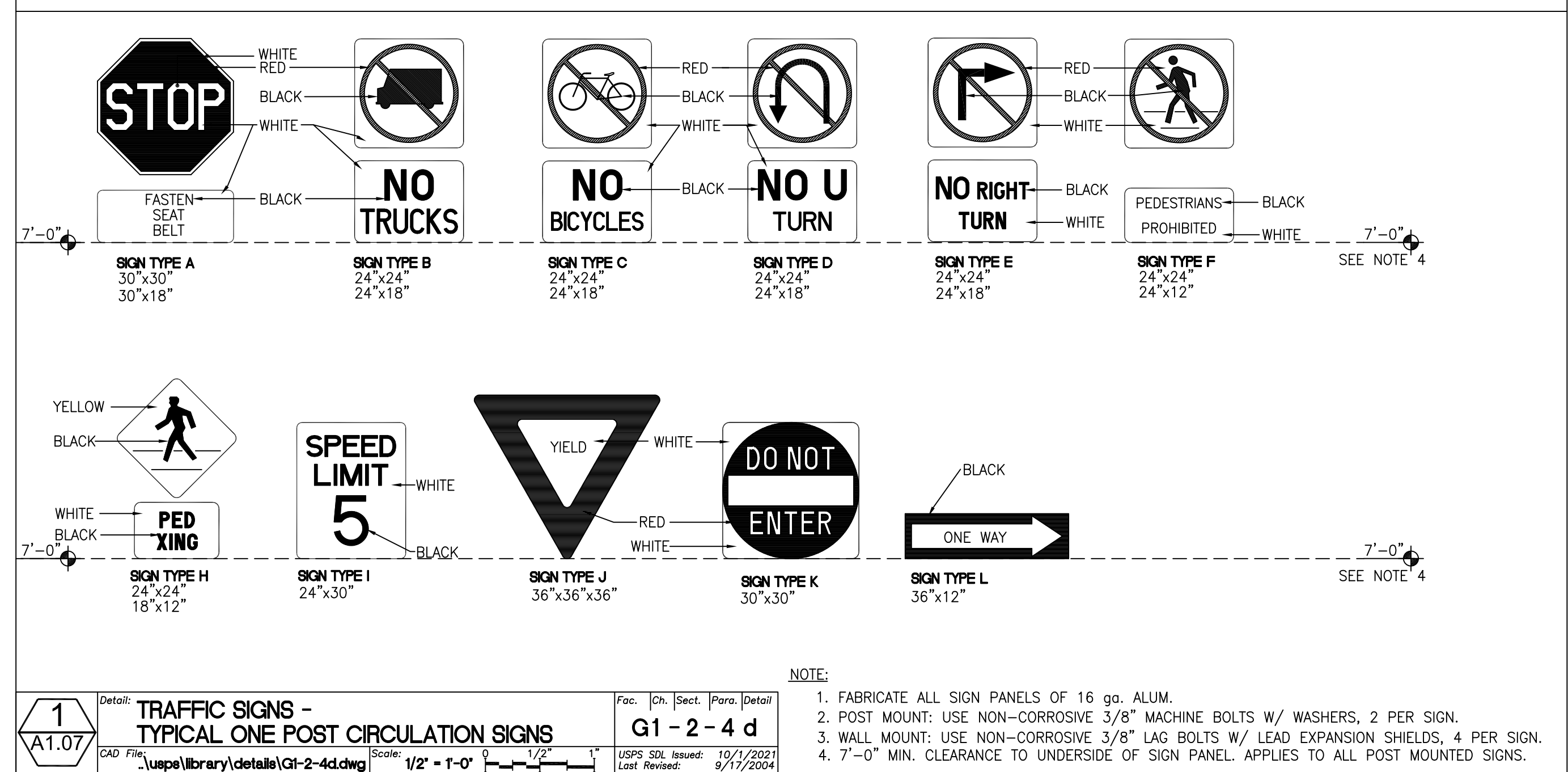
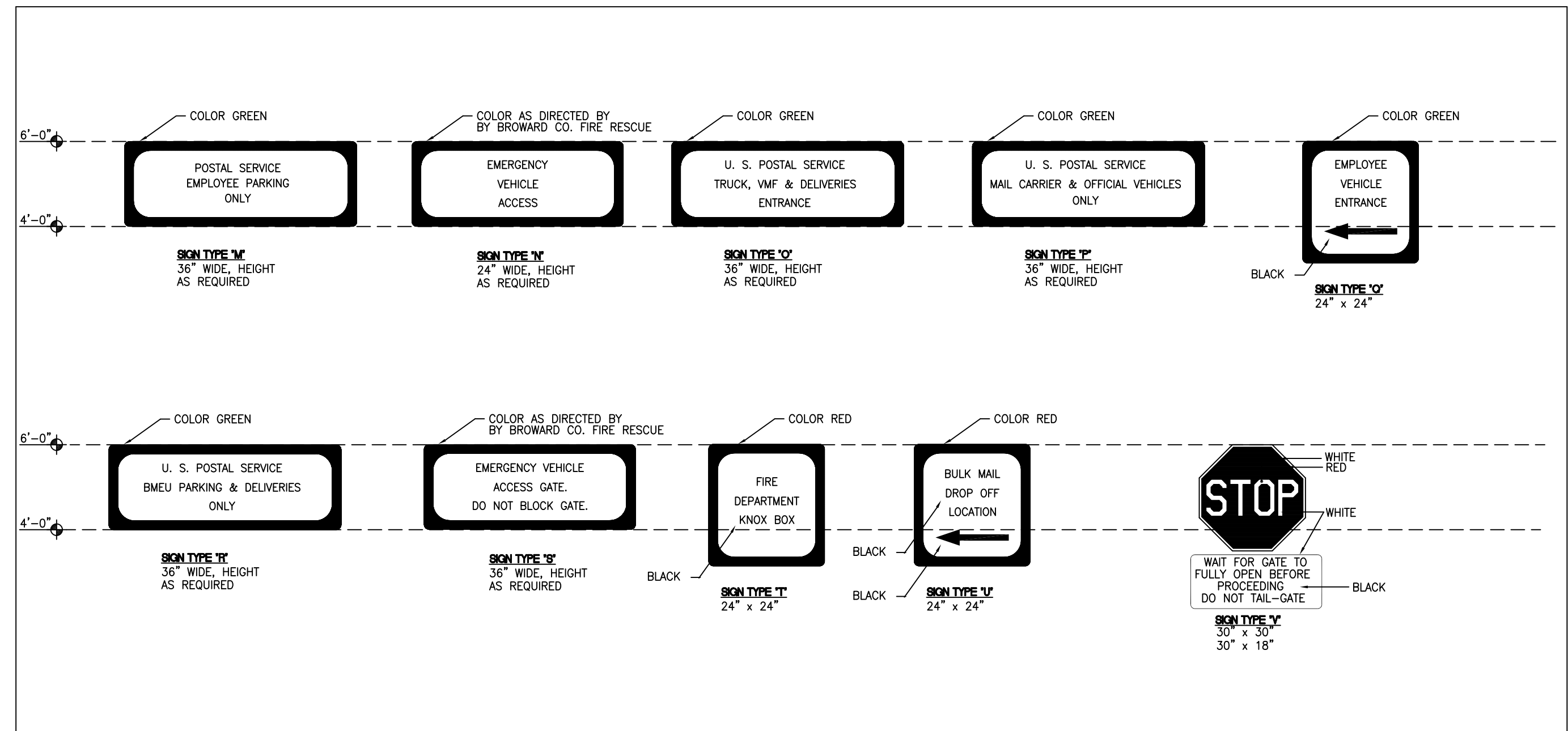


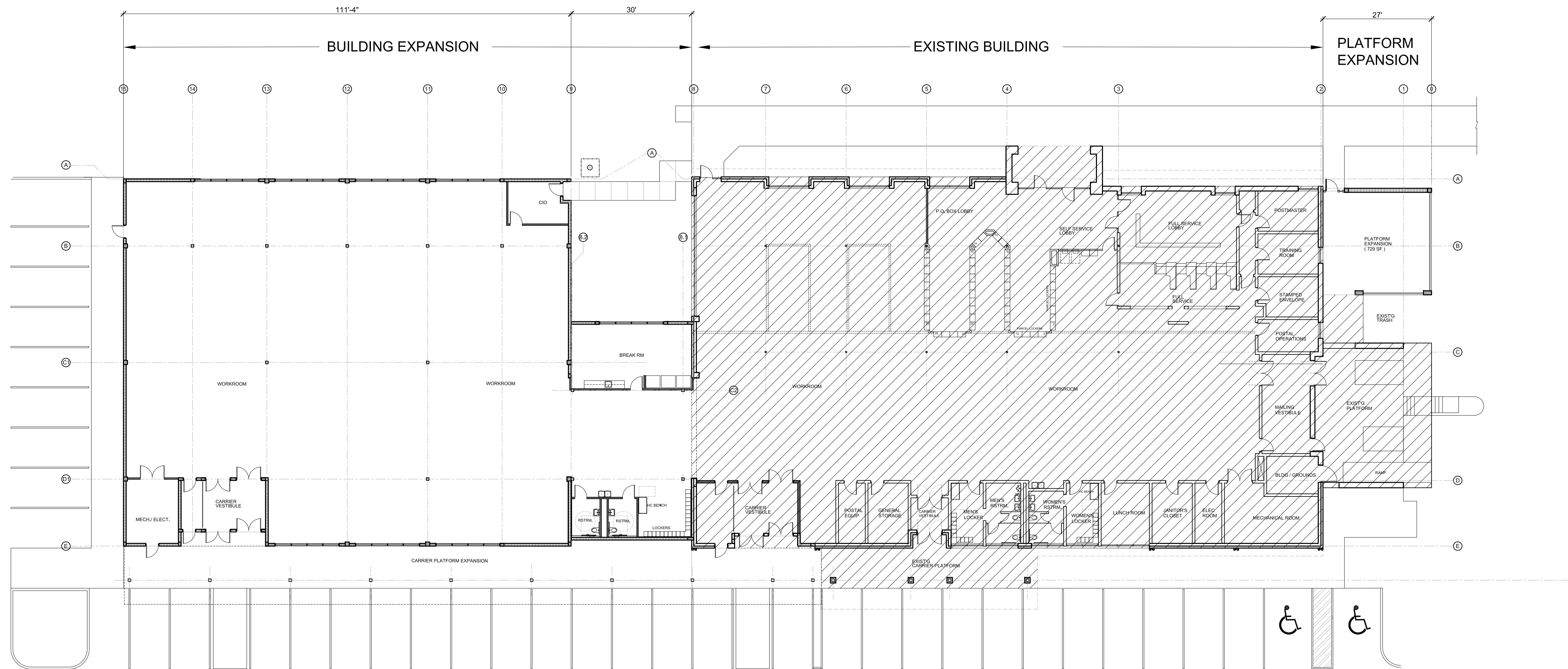
5 CONNECTION DETAIL
A1.06 SCALE: N.T.S.




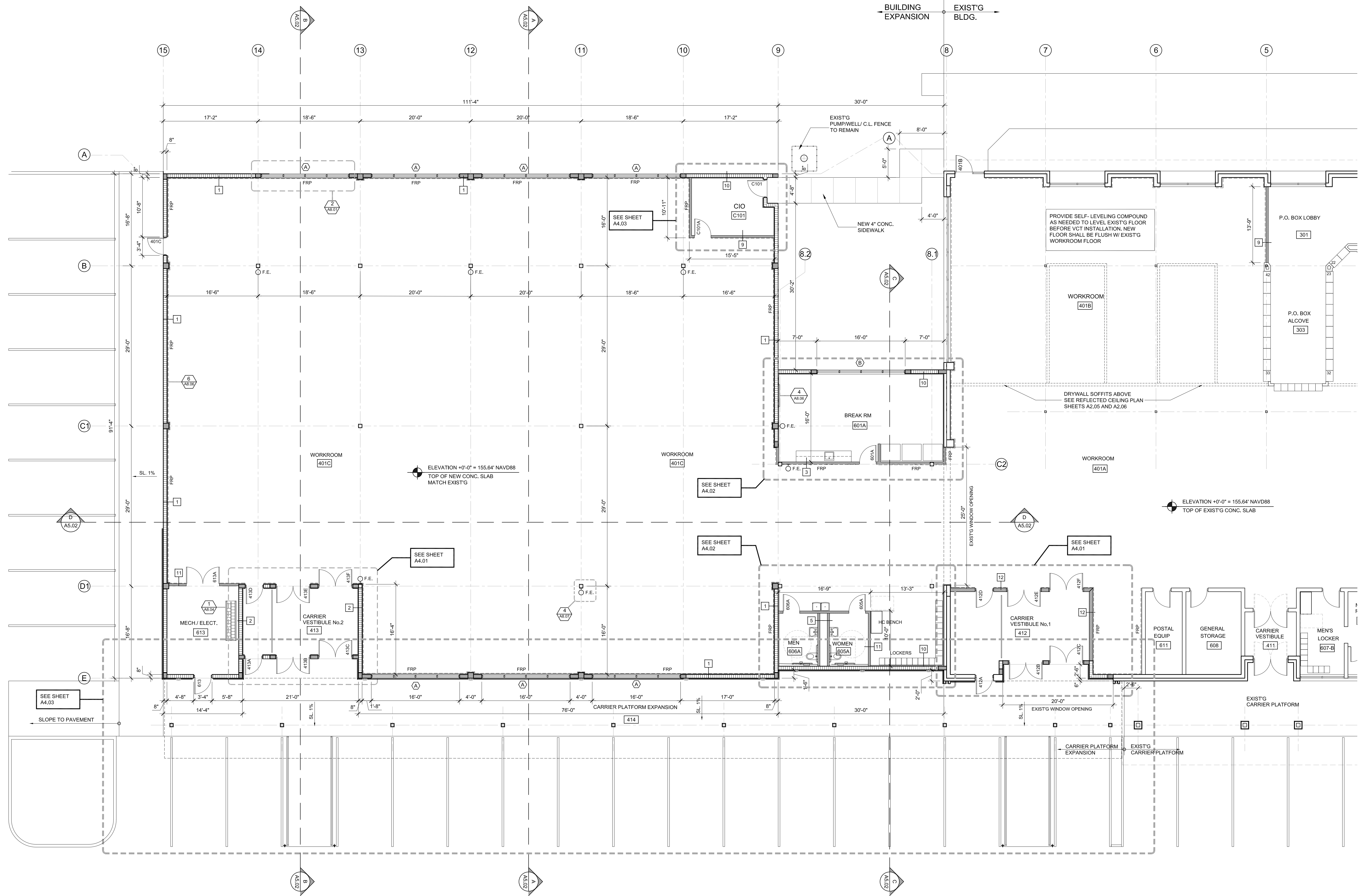
6 DETECTABLE WARNINGS DETAIL
A1.06 SCALE: N.T.S.

NOTE:
1. DETECTABLE WARNINGS SHALL COMPLY WITH FBC - ACCESSIBILITY SECTION 705





 **OVERALL FLOOR PLAN**
SCALE: 1/16" = 1'-0"



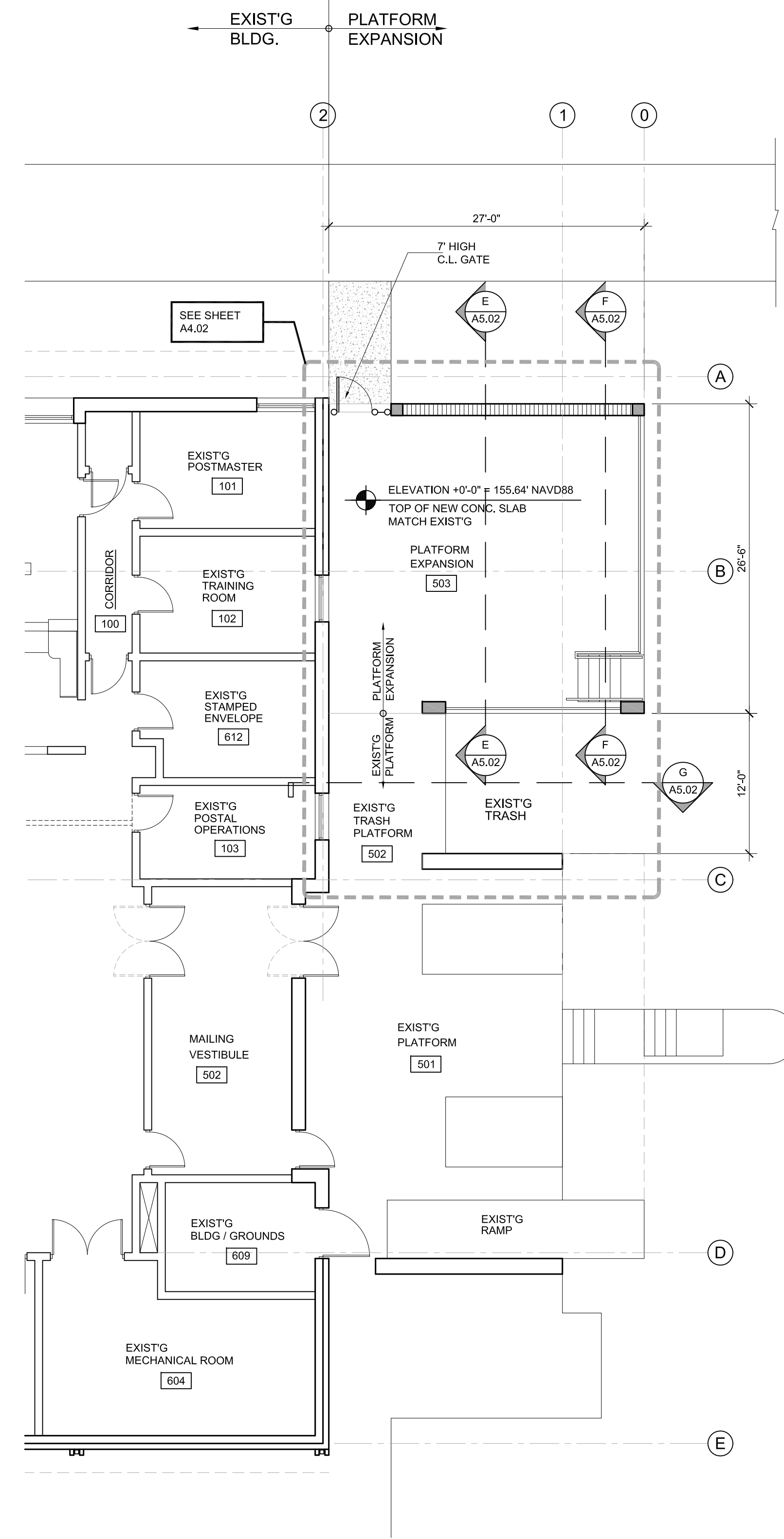
PARTIAL FLOOR PLAN - NEW WORK - WEST END
 SCALE: 1/8" = 1'-0"

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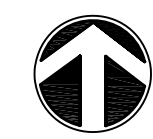
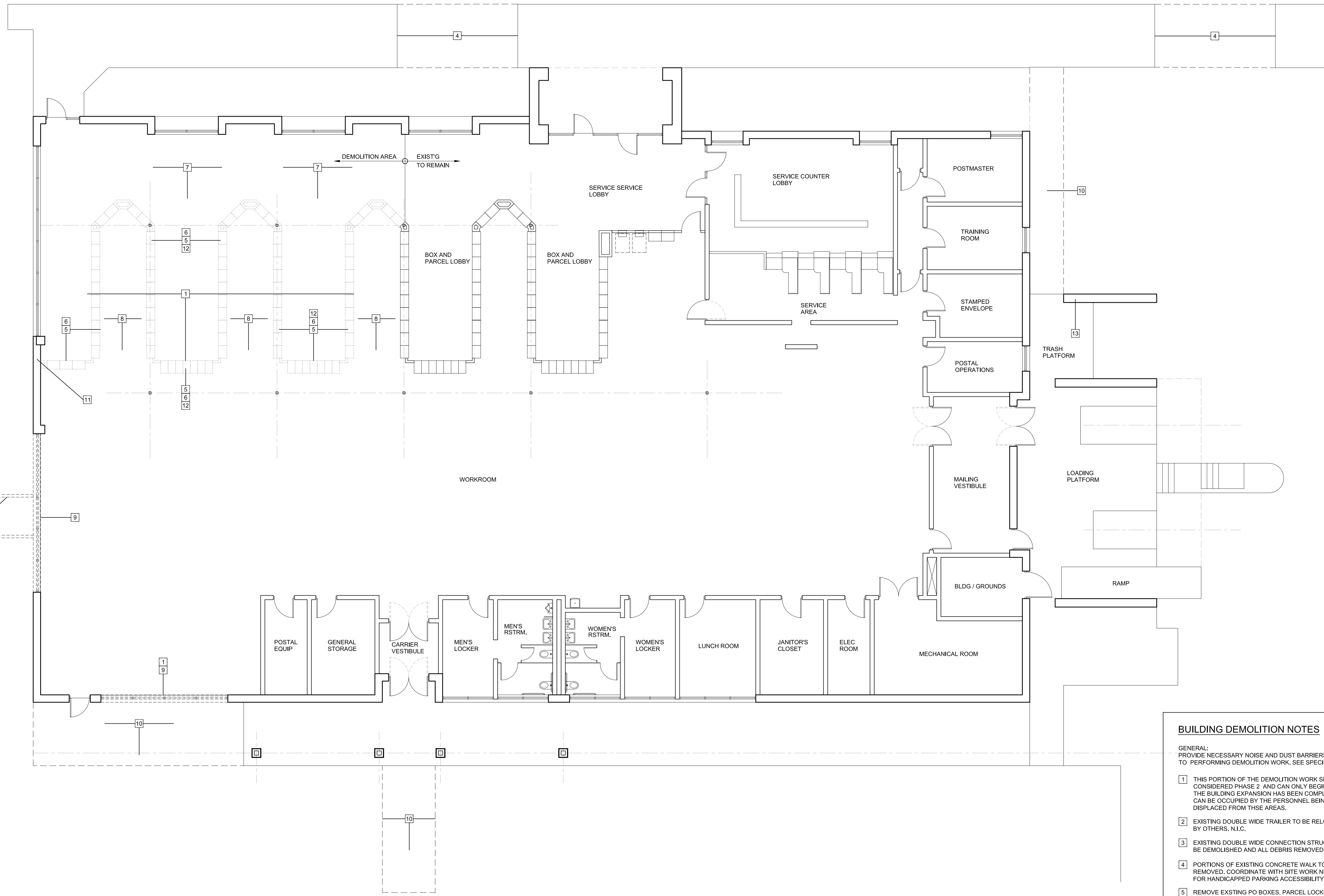


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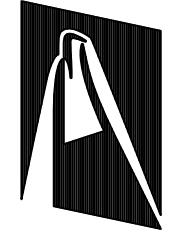
 PARTIAL FLOOR PLAN - NEW WORK - EAST END
SCALE: 1/8" = 1'-0"

NOTE:
ALL WORK RELATED TO EAST END
PLATFORM EXPANSION SHALL BE PRICED
AS A DEDUCTIVE ALTERNATE #1 AS IDENTIFIED
IN SPECIFICATION SECTION 012300.



OVERALL FLOOR PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"

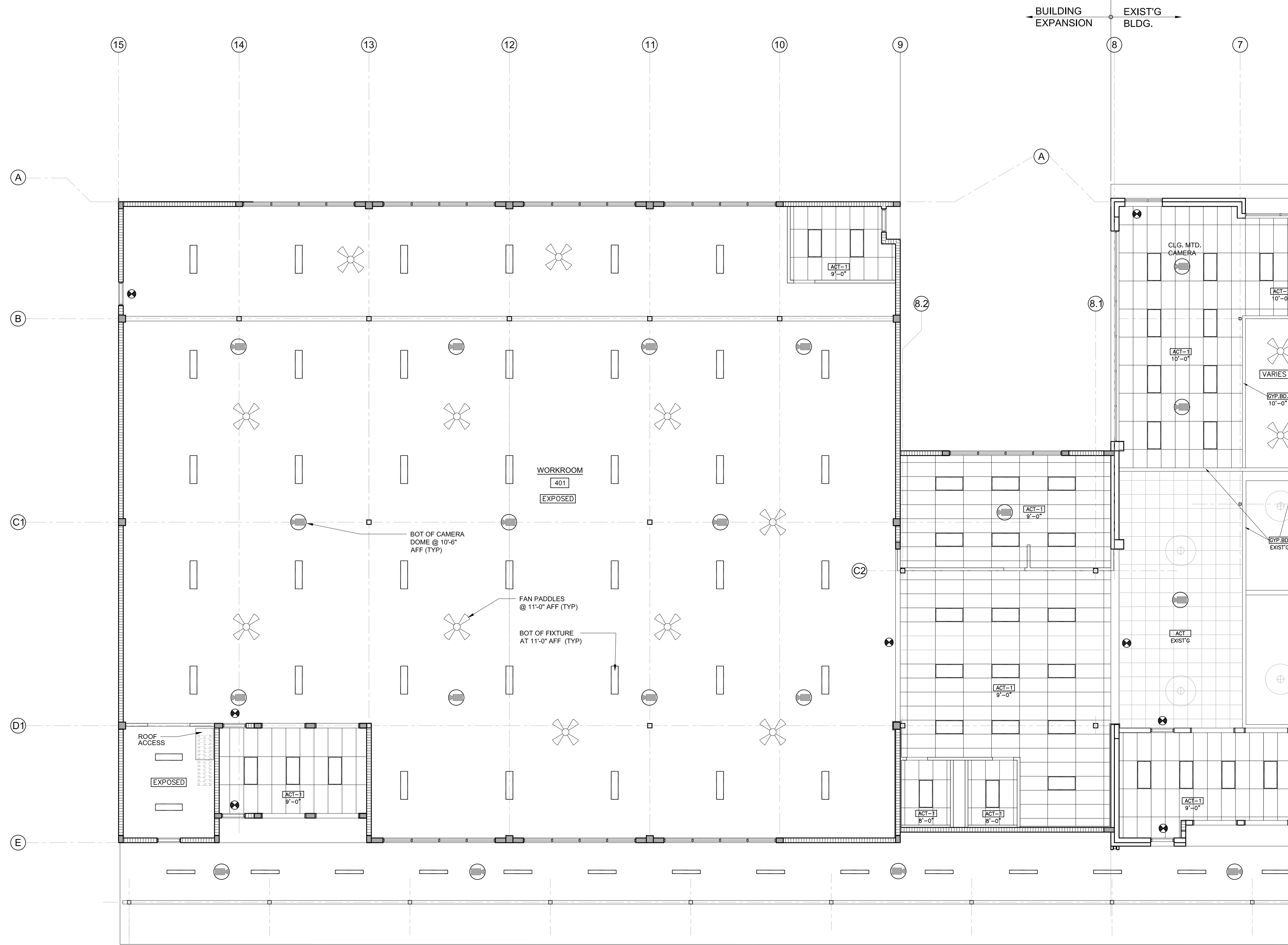
- BUILDING DEMOLITION NOTES**
- GENERAL:
PROVIDE NECESSARY NOISE AND DUST BARRIERS PRIOR TO PERFORMING DEMOLITION WORK. SEE SPECIFICATIONS.
- 1 THIS PORTION OF THE DEMOLITION WORK SHALL BE CONSIDERED PHASE 2 AND CAN ONLY BEGIN AFTER THE BUILDING EXPANSION HAS BEEN COMPLETED AND CAN BE OCCUPIED BY THE PERSONNEL BEING DISPLACED FROM THESE AREAS.
 - 2 EXISTING DOUBLE WIDE TRAILER TO BE RELOCATED BY OTHERS, N.J.C.
 - 3 EXISTING DOUBLE WIDE CONNECTION STRUCTURE TO BE DEMOLISHED AND ALL DEBRIS REMOVED FROM SITE.
 - 4 PORTIONS OF EXISTING CONCRETE WALK TO BE REMOVED. COORDINATE WITH SITE WORK NECESSARY FOR HANDICAPPED PARKING ACCESSIBILITY.
 - 5 REMOVE EXISTING PO BOXES, PARCEL LOCKERS, RACKS AND OTHER HARDWARE. COORDINATE WITH USPS FOR STORAGE AND/OR REMOVAL FOR REUSE.
 - 6 REMOVE EXISTING PARTITIONS.
 - 7 REMOVE EXISTING FLOOR TILE AND UNDERLAYMENT. PREPARE FLOOR WITH SMOOTH SURFACE REQUIRED FOR NEW FLOORING APPLICATION.
 - 8 REMOVE EXISTING ACT AND LIGHT FIXTURES.
 - 9 REMOVE EXISTING WINDOW UNITS AND WALL AREAS UNDER WINDOWS TO FLOOR SLAB OR FOUNDATION.
 - 10 REMOVE EXISTING CONCRETE SLAB.
 - 11 PROVIDE WALL OPENING FOR NEW HVAC DUCTWORK THRU EXISTING WALL. OPENING TO BE APPROXIMATELY 32" W. x 16" H. COORDINATE IN FIELD WITH ARCHITECT AND ENGINEER FOR BEST LOCATION, ACTUAL SIZE, ETC.
 - 12 COORDINATE NEW SOFFIT HEIGHTS FOR EXISTING "NATURAL LIGHT WELLS" ON SITE WITH ARCHITECT.
 - 13 REMOVE PORTION OF WALL ABOVE PLATFORM HEIGHT.



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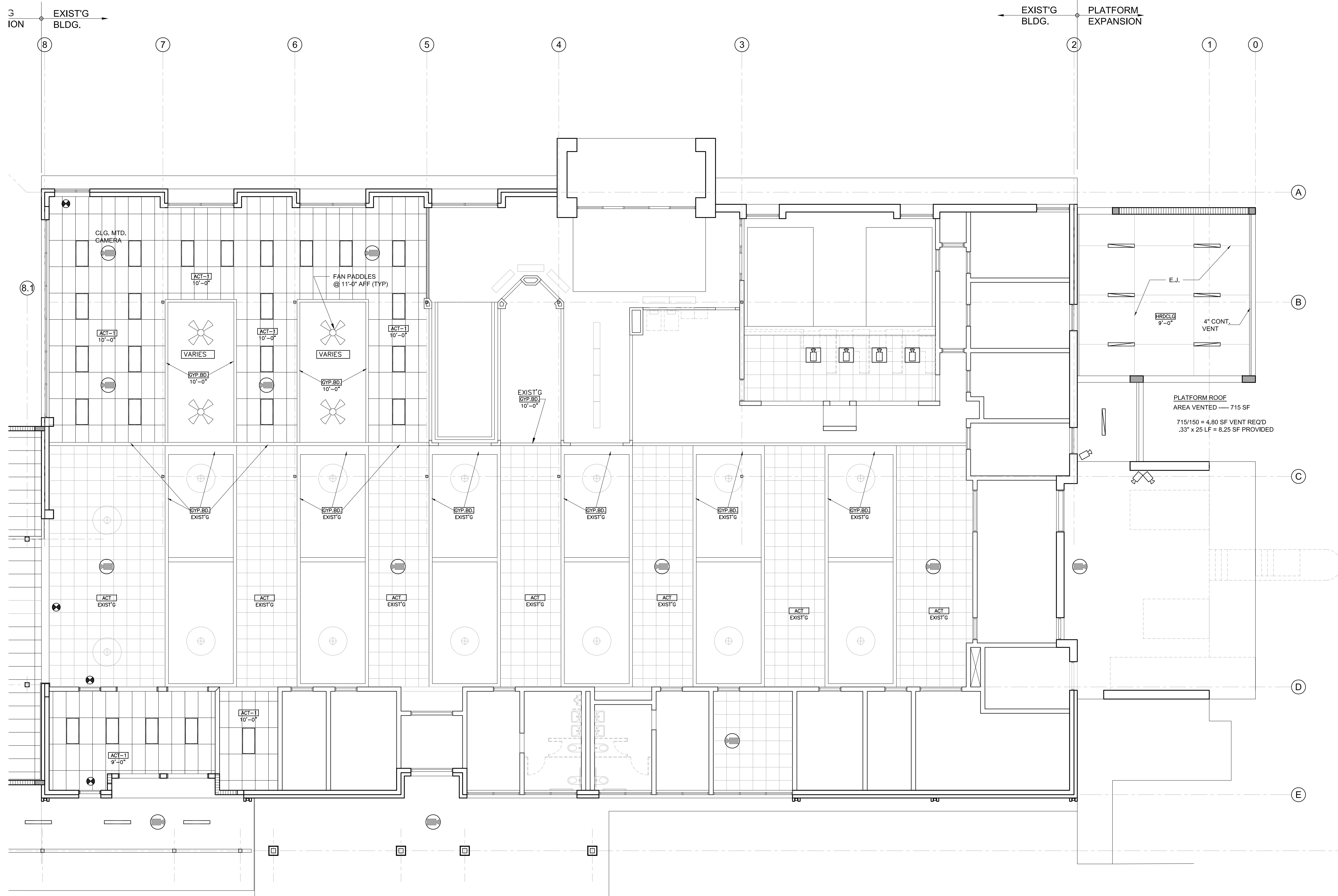
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LEGEND	
	2x4 ACCOUSTICAL SUSPENDED CEILING
	GYP. BD. CEILING
	2x4 LED LIGHT FIXTURE
	PENDANT MOUNTED LED FIXTURE
	REGRESSED MOUNTED LED FIXTURE
	ILLUMINATED EXIT SIGN-GLASS MOUNTING, GREEN LETTERING
	52" CEILING FAN PENDANT MOUNTED - @ 12'-0" AFF
	4" CONT. SCREEN VENT
	PERFORATED METAL CEILING
	CEILING TYPE/CEILING HEIGHT.
	PTZ CAMERA
	FIXED CAMERA
	CEILING MTD. DOME CAMERA
	CEILING MOUNTED SUPPLY AIR A/C DIFFUSER
	CEILING MOUNTED RETURN AIR GRILLE

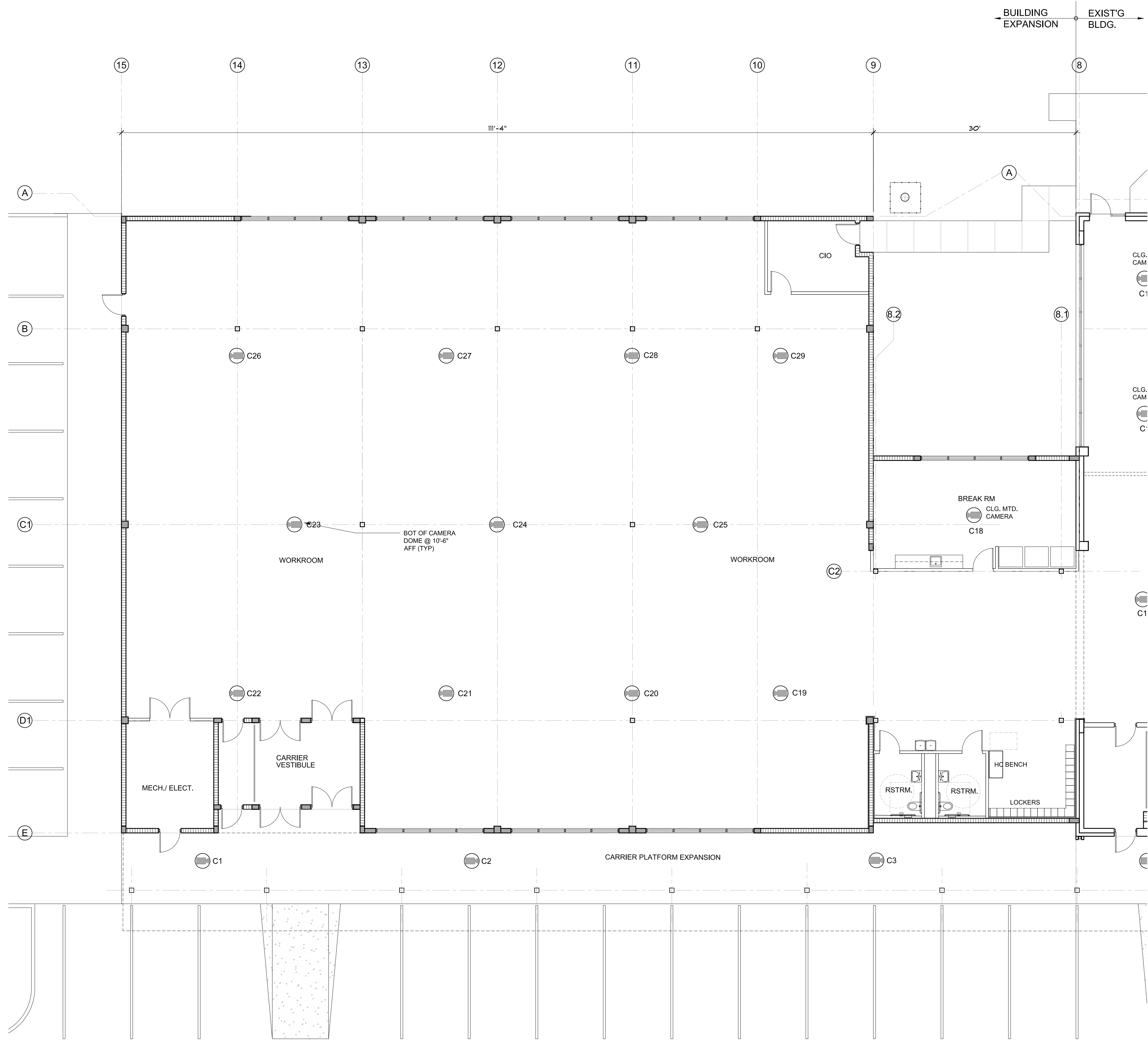
PARTIAL REFLECTED CEILING PLAN - NEW WORK - WEST END
SCALE: 1/8" = 1'-0"



LEGEND	
	2x4 ACOUSTICAL SUSPENDED CEILING
	GYP. BD. CEILING
	2x4 LED LIGHT FIXTURE
	PENDANT MOUNTED LED FIXTURE
	REGRESSED MOUNTED LED FIXTURE
	ILLUMINATED EXIT SIGN - GLASS MOUNTING, GREEN LETTERING
	52" CEILING FAN PENDANT MOUNTED - @ 12'-0" AFF
	4" CONT. SCREEN VENT
	PERFORATED METAL CEILING
	ACT-1 9'-0" CEILING TYPE/CEILING HEIGHT.
	PTZ CAMERA
	FIXED CAMERA
	CEILING MTD. DOME CAMERA
	CEILING MOUNTED SUPPLY AIR A/C DIFFUSER
	CEILING MOUNTED RETURN AIR GRILLE

PARTIAL REFLECTED CEILING PLAN - NEW WORK - EXISTING BUILDING & WEST END
SCALE: 1/8" = 1'-0"

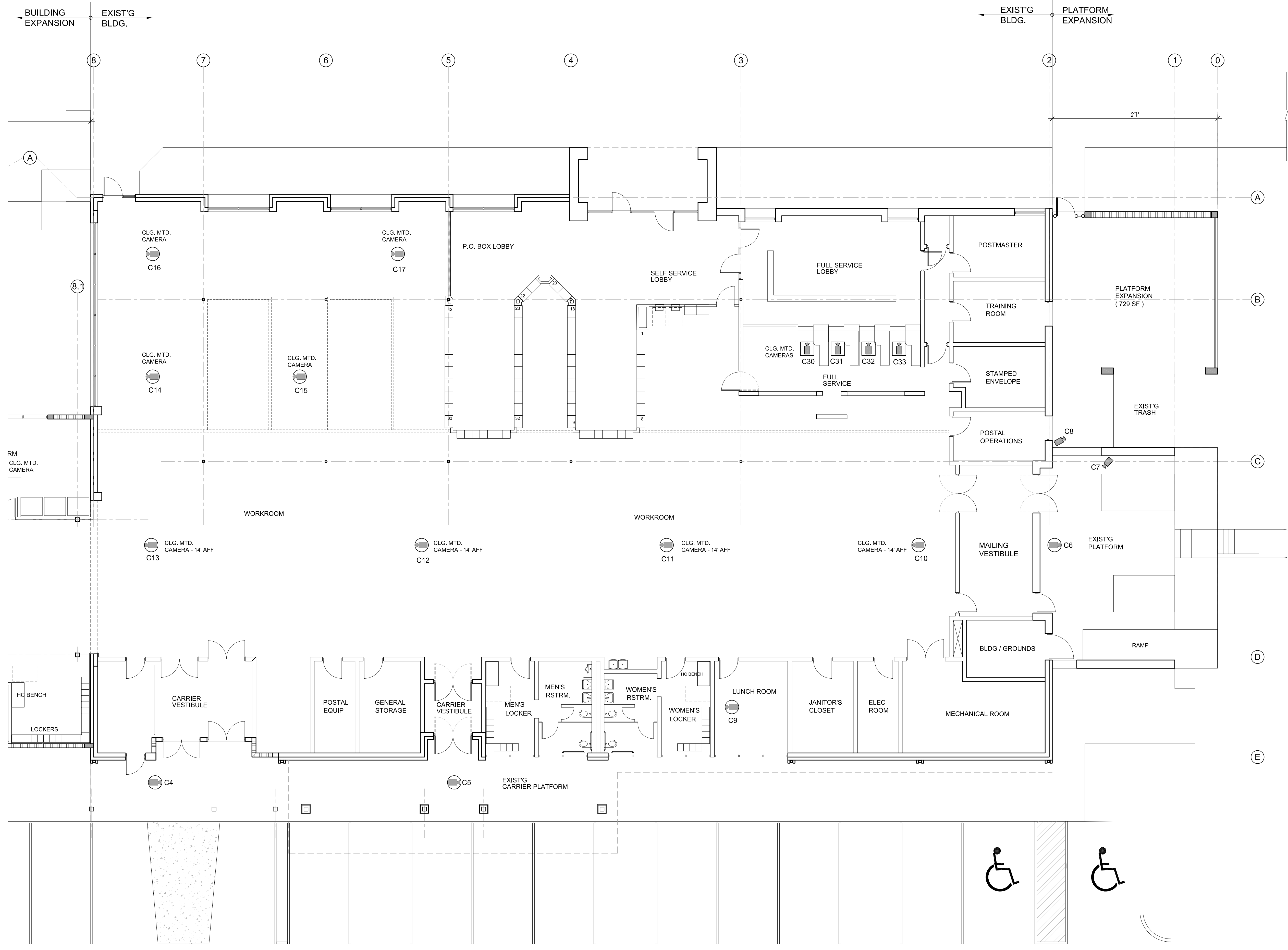




PARTIAL FLOOR PLAN - WEST END - CAMERAS
 SCALE: 1/8" = 1'-0"

CAMERA No.	CAMERA TYPE	LOCATION	CAMERA TYPE	CAMERA TERMINATION LOCATION	MOUNTING	CABLE TYPE	NOTE	REMARKS
C1	PTZ	CARRIER PLATFORM	OUTDOOR - COVERED	HEAD-END	CLG. MOUNT	CAT6		
C2	PTZ	CARRIER PLATFORM	OUTDOOR - COVERED	HEAD-END	CLG. MOUNT	CAT6		
C3	PTZ	CARRIER PLATFORM	OUTDOOR - COVERED	HEAD-END	CLG. MOUNT	CAT6		
C4	PTZ	CARRIER PLATFORM	OUTDOOR - COVERED	HEAD-END	CLG. MOUNT	CAT6		
C5	PTZ	CARRIER PLATFORM	OUTDOOR - COVERED	HEAD-END	CLG. MOUNT	CAT6		
C6	PTZ	MAIL PLATFORM	OUTDOOR - COVERED	HEAD-END	CLG. MOUNT	CAT6		
C7	FIXED	PERSONNEL ENTRY	OUTDOOR - COVERED	HEAD-END	WALL MOUNT	CAT6		
C8	FIXED	TRASH DUMPSTERS	OUTDOOR - COVERED	HEAD-END	WALL MOUNT	CAT6		
C9	PTZ	LUNCHROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C10	PTZ	WORKROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C11	PTZ	WORKROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C12	PTZ	WORKROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C13	PTZ	WORKROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C14	PTZ	WORKROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C15	PTZ	WORKROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C16	PTZ	WORKROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C17	PTZ	WORKROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C18	PTZ	LUNCHROOM	INDOOR	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C19	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C20	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C21	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C22	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C23	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C24	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C25	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C26	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C27	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C28	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C29	PTZ	WORKROOM	INDOOR	HEAD-END	CLG. MOUNT	CAT6		
C30	FIXED	FULL SERVICE COUNTER	INDOOR / DOME UNIT	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C31	FIXED	FULL SERVICE COUNTER	INDOOR / DOME UNIT	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C32	FIXED	FULL SERVICE COUNTER	INDOOR / DOME UNIT	HEAD-END	LAY-IN CLG. MOUNT	CAT6		
C33	FIXED	FULL SERVICE COUNTER	INDOOR / DOME UNIT	HEAD-END	LAY-IN CLG. MOUNT	CAT6		

SYMBOL LEGEND	
	CIS - CRIMINAL INVESTIGATIVE SYSTEM CAMERA / FIXED LENS, BLUE SKY
	CIS - CRIMINAL INVESTIGATIVE SYSTEM FIXED CAMERA DOME UNIT CENTERED OVER CASH REGISTER.
	CIS - CRIMINAL INVESTIGATIVE SYSTEM CAMERA W/ PAN, TILT, AND ZOOM CAPABILITIES.



SYMBOL LEGEND	
	CIS - CRIMINAL INVESTIGATIVE SYSTEM CAMERA/ FIXED LENS. BLUE SKY
	CIS - CRIMINAL INVESTIGATIVE SYSTEM FIXED CAMERA DOMED UNIT CENTERED OVER CASH REGISTER.
	CIS - CRIMINAL INVESTIGATIVE SYSTEM CAMERA W/ PAN, TILT, AND ZOOM CAPABILITIES.

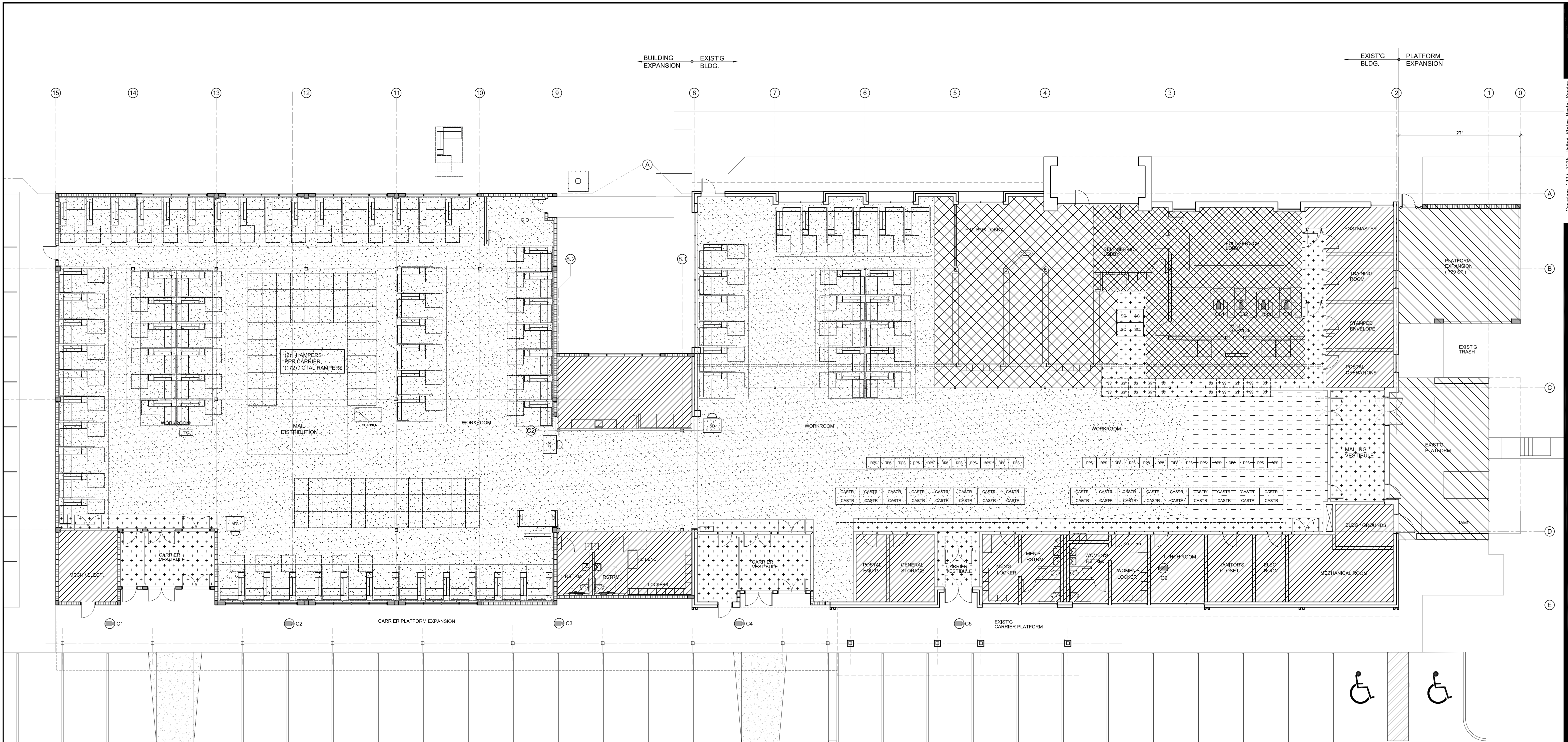
PARTIAL FLOOR PLAN - EXISTING BUILDING & EAST END - CAMERAS
SCALE: 1/8" = 1'-0"

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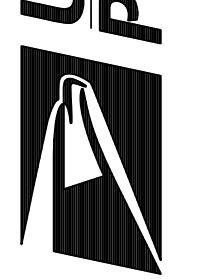


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 Scale: NOTED Date: 06/16/22
 Project: 21-23
 USPS File Number: E54835



FLOOR PLAN - OSL
SCALE: 3/32" = 1'-0"

LEGEND			
	SERVICE LOBBY		MAIL PROCESSING
	PO BOX LOBBY		OTHER
	DELIVERY		SUPPORT
	PLATFORM		





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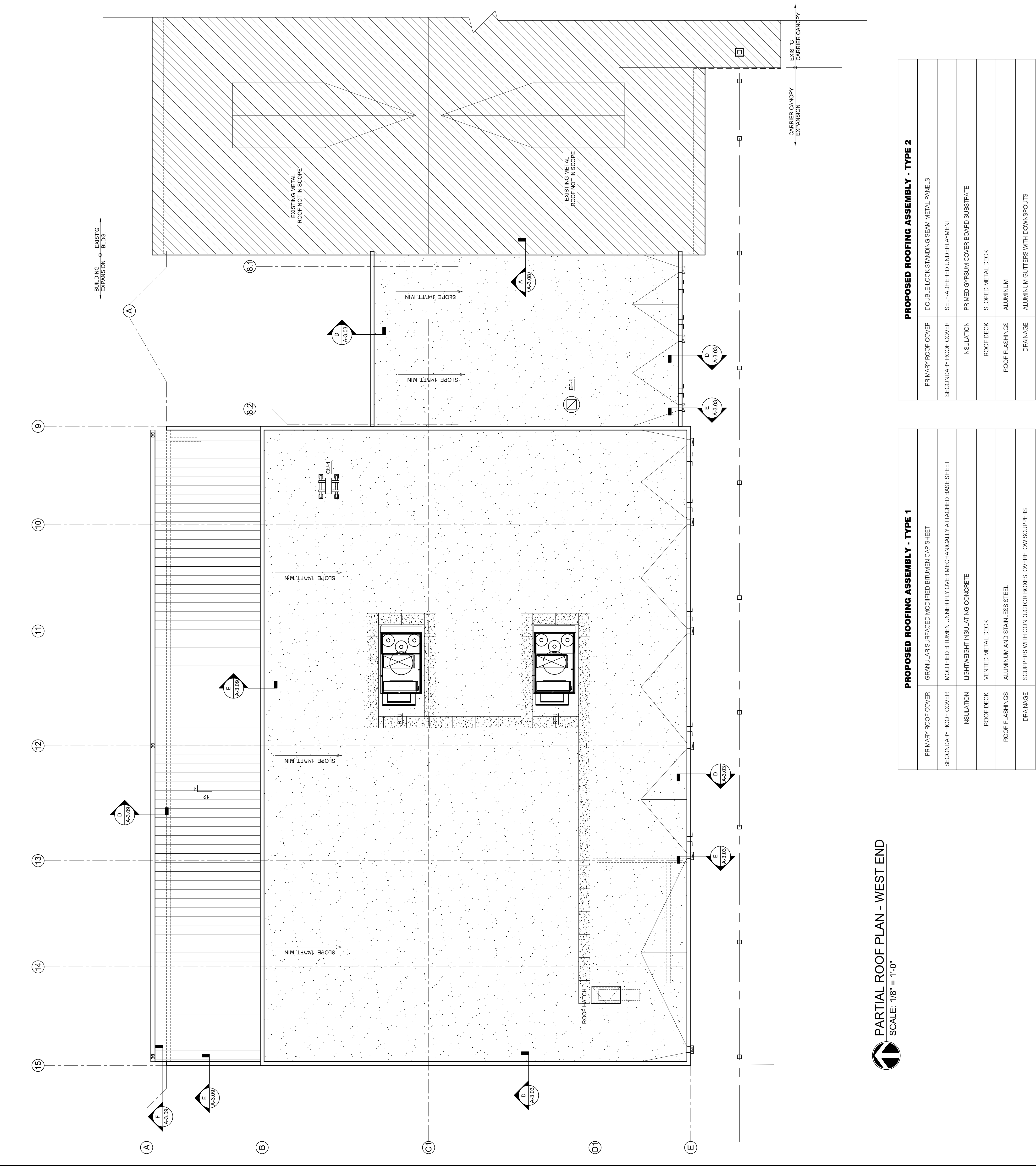
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SCOPE OF WORK:

- 1.0 ROOFING ASSEMBLY TYPE 1:** ROOFING MEMBRANE ASSEMBLY, MECHANICALLY ATTACH A VENTED BASE SHEET CONSISTING OF ONE PLY OF SMOOTH SANDWICH FINISH MODIFIED BITUMEN TO A LIGHTWEIGHT INSULATING CONCRETE (LWIC) DECK OVER THE STEEL DECK. TORCH APPLY ONE BASE PLY OF SMOOTH SURFACED MODIFIED BITUMEN OVER THE BASE SHEET. TORCH APPLY ONE GRANULE SURFACED MODIFIED BITUMEN OVER THE MODIFIED BITUMEN. FINISH WITH ONE PLY OF SMOOTH SURFACED MODIFIED BITUMEN. MECHANICALLY ATTACH COVER BOARD THROUGH THE PARAPET WALLS AT 12" O.C. HORIZONTALLY AND VERTICALLY. TORCH APPLY ONE SMOOTH MODIFIED BITUMEN BASE PLY AND ONE GRANULE SURFACED MODIFIED BITUMEN CAP PLY. FABRICATE AND MECHANICALLY ATTACH A VENTED SCUPPER THROUGH THE PARAPET WALLS. PROVIDE FLASHING FOR A TOTAL ROOFING ASSEMBLY SOLDERWELDED ALL JOINTS. NOT REQUIRED TO THERMALLY EXPAND AND CONTRACT. SEE SPECIFICATION SECTIONS 075216 AND 076200.
- 1.2 COPING:** INSTALL NEW PRE-MANUFACTURED METAL COPINGS TO MEET ANIS/SPRI ES-1 REQUIREMENTS. PROVIDE FLASHING AND FINISH TO MATCH EXISTING COPINGS. PROVIDE CORNERS, TRANSITIONS AND TERMINATIONS. INSTALL WOOD BLOCKING ATOP PARAPET WALLS TO ATTACH NEW COPINGS. SEE SPECIFICATION SECTION 077200.
- 1.3 PRIMARY SCUPPERS:** INSTALL NEW ALUMINUM SCUPPER INSERTS THROUGH THE EXISTING ROOFING ASSEMBLY. PROVIDE PARAPET WALL FLASHING. PROVIDE PARAPET WALL MANUFACTURER LIQUID FLASHING SYSTEM WITH FULL REINFORCING FABRIC OVER SCUPPER FLASHINGS. INSTALL ALUMINUM CONDUCTOR BOXES AND DOWNSPOUTS AT EACH PRIMARY SCUPPER. TERMINATE DOWNSPOUTS AT GRADE AND PROVIDE CONCRETE SPLASH BLOCKS AT THE DOWNSPOUTS. SEE SPECIFICATION SECTION 076200.
- 1.4 OVERFLOW SCUPPERS:** PROVIDE NEW ALUMINUM OVERFLOW SCUPPER INSERTS AND ASSOCIATED COMPONENTS THROUGH THE PARAPET WALLS WHERE INDICATED ON THE ROOF PLANS. APPLY ROOF MEMBRANE MATERIAL MANUFACTURER LIQUID FLASHING SYSTEM WITH FULL REINFORCING FABRIC OVER SCUPPER FLASHINGS. SEE SPECIFICATION SECTION 076200.
- 1.5 ROOF HATCH:** PROVIDE NEW ALUMINUM ROOF HATCHES THROUGH THE PARAPET WALLS TO ACCESS THE ROOF. PROVIDE FLASHING AND FINISH TO MATCH EXISTING ROOF HATCHES.
- 1.6 ROOF EXPANSION JOINT:** INSTALL SHEET METAL EXPANSION JOINT COVERS AT WALL EXPANSION JOINTS TO MEET ANIS/SPRI ES-1 REQUIREMENTS. INSTALL FULLY WELDED ONE-PIECE TRANSITION FLASHINGS AT EXPANSION JOINT CORNERS, TRANSITIONS AND TERMINATIONS. PROVIDE FLASHING AND FINISH TO MATCH EXISTING FLASHINGS. PROVIDE WIND UPLIFT PRESSURES. SEE SPECIFICATION SECTION 077200.
- 1.7 EQUIPMENT CURBS:** INSTALL NEW PRE-MANUFACTURED INSULATED EQUIPMENT CURBS THAT EXTEND ABOVE THE FINISHED ROOF SURFACE AT LEAST 8". INSTALL NEW SKIRT FLASHING AROUND PERIMETER OF EQUIPMENT CURBS.
- 1.8 VENT PIPE:** PROVIDE NEW ALUMINUM VENT PIPE PENETRATIONS ABOVE THE FINISHED ROOF SURFACE. PROVIDE FLASHING AND FINISH TO MATCH EXISTING FLASHINGS. PROVIDE MATERIAL MANUFACTURER LIQUID FLASHING SYSTEM WITH FULL REINFORCING FABRIC.
- 1.9 THRU-WALL FLASHING:** INSTALL NEW TWO-PIECE FLASHING ABOVE THE EXPANSION JOINT AGAINST THE EXISTING BUILDING. REMOVE MINIMUM 3" COURSES OF BRICK TO INSTALL FLASHING. PROVIDE FLASHING AND FINISH TO MATCH EXISTING FLASHING. PROVIDE FLASHING LEG, TERMINATE WITH CONTINUOUS TERMINATION BAG AND SEALANT. INSTALL NEW BRICK AND MORTAR MATCHING EXISTING COLOR, TEXTURE AND TOOLING. INSTALL BRICK-TIES AT 16" ON CENTER VERTICALLY. PROVIDE NEW, MODIFIED BITUMEN ROOF WALKWAY PADS AT DESIGNATED LOCATIONS. COLOR OF NEW WALKPADS TO BE SELECTED BY OWNER IN FIELD.
- 1.10 ROOF WALKPADS:** PROVIDE NEW ALUMINUM ROOF WALKPADS TO BE SELECTED BY OWNER IN FIELD.
- 1.11 LIGHTNING PROTECTION:** INSTALL NEW LIGHTNING PROTECTION SYSTEM TO INCLUDE GROUNDING PENETRATIONS, AIR TERMINALS AND ACCESSORIES IN ACCORDANCE WITH NFPA-780.
- 1.12 ENGINEERING:** CONTRACTOR TO COMPLETE FULL TESTS OF THE NEW ROOF SYSTEM PER SPECIFICATION SECTION 076200. PROVIDE TEST REPORTS TO THE ARCHITECT AND A LICENSED STRUCTURAL ENGINEER INCLUDING THE TESTED NOA FOR EACH ROOF ZONE. SUBMIT THE FULL TEST RESULTS AND THE ENGINEERED BASE SHEET FASTENER SPACING CALCULATIONS TO THE ARCHITECT AND MANUFACTURER FOR REVIEW PRIOR TO COMMENCEMENT OF THE ROOFING ASSEMBLY TYPE 2.
- 2.0 ROOFING ASSEMBLY TYPE 2:**
 - 2.1 STEEP-SLOPE STANDING SEAM METAL PANEL ASSEMBLY:** MECHANICALLY ATTACH COVER BOARD SUBSTRATE OVER THE STEEL DECK. PREPARE THE SUBSTRATE TO RECEIVE NEW UNDERLAYMENT AND APPLY PRIMER AS REQUIRED BY THE MANUFACTURER. APPLY ONE PLY OF GRANULAR SURFACED MODIFIED BITUMEN OVER THE UNDERLAYMENT. PROVIDE ANIS/SPRI ES-1 DESIGNATED ADJACENT WALL SURFACES, PROVIDE ANIS/SPRI ES-1 ADDITIONAL UNDERLAYMENT AND ALL HPS AND OVER ALL PRIMED METAL FLASHING FLANGES. SEE SPECIFICATION SECTION 074110 TO INSTALL DOUBLE-LOCK METAL STANDING SEAM ROOF PANELS WITH STIFFENING RIBS USING THE GRANULAR SURFACED MODIFIED BITUMEN. PROVIDE THERMALLY MOVABLE COMPONENTS SECURE CLIPS INTO THE DECK. PROVIDE FLASHING AND FINISH TO MATCH EXISTING FLASHING.
 - 2.2 GUTTERS AND DOWNSPOUTS:** INSTALL NEW ALUMINUM GUTTERS AT EDGE LOCATIONS. PROVIDE GUTTERS OF SIZE AND PROFILE TO MEET THE REQUIREMENTS IN THE DRAWINGS. FABRICATE ALUMINUM DOWNSPOUTS WHERE INDICATED AND CONTINUE TO GRADE. PROVIDE CONCRETE SPLASH BLOCKS BENEATH DOWNSPOUT OUTLETS. SEE SPECIFICATION SECTION 076200.
 - 2.3 METAL FLASHING:** INSTALL NEW METAL FLASHING THROUGH THE PARAPET WALLS. PROVIDE FLASHING AND FINISH TO MATCH EXISTING FLASHING. PROVIDE FLASHING LEGS, TERMINATE WITH CONTINUOUS TERMINATION BAG AND SEALANT. PROVIDE DESIGNATED WIND PRESSURES. SEE SPECIFICATION SECTION 076200.

LEGEND

SYMBOL	DESCRIPTION	DETAIL	SCOPE OF WORK ITEM
	PARAPET WALL	D A-3.09	1.2
	GUTTER AND DOWNSPOUT	D G A-3.09 A-3.07	2.2
	EXPANSION JOINT AT RISING WALL	A A-3.08	1.6
	ROOFTOP HVAC UNIT	D A-3.07	1.7
	VENT PIPE	C A-3.07	1.8
	ROOF HATCH	C A-3.06	1.5
	MECHANICAL UNIT	D A-3.07	1.7
	AC UNIT WITH SUPPORTS	A A-3.07	1.8
	PRIMARY SCUPPER WITH CONDUCTOR BOX	E A-3.09	1.3
	OVERFLOW SCUPPER	A A-3.04	1.4
	EXISTING ROOF SYSTEM (NOT IN SCOPE)		
	TYPE 1 ROOF ASSEMBLY - MODIFIED BITUMEN	E AS.1	1.1
	TYPE 2 ROOF SYSTEM - METAL PANELS	E AS.1	2.1
		1.10	
	DETAIL DESIGNATION		



PARTIAL ROOF PLAN - WEST END
 SCALE: 1/8" = 1'-0"

PROPOSED ROOFING ASSEMBLY - TYPE 1

PRIMARY ROOF COVER	GRANULAR SURFACED MODIFIED BITUMEN CAP SHEET
SECONDARY ROOF COVER	MODIFIED BITUMEN UNNER PLY OVER MECHANICALLY ATTACHED BASE SHEET
INSULATION	LIGHTWEIGHT INSULATING CONCRETE
ROOF DECK	VENTED METAL DECK
ROOF FLASHINGS	ALUMINUM AND STAINLESS STEEL
DRAINAGE	SCUPPERS WITH CONDUCTOR BOXES; OVERFLOW SCUPPERS

PROPOSED ROOFING ASSEMBLY - TYPE 2

PRIMARY ROOF COVER	DOUBLE-LOCK STANDING SEAM METAL PANELS
SECONDARY ROOF COVER	SELF-ADHERED UNDERLAYMENT
INSULATION	PRIMED GYPSUM COVER BOARD SUBSTRATE
ROOF DECK	SLOPED METAL DECK
ROOF FLASHINGS	ALUMINUM
DRAINAGE	ALUMINUM GUTTERS WITH DOWNSPOUTS

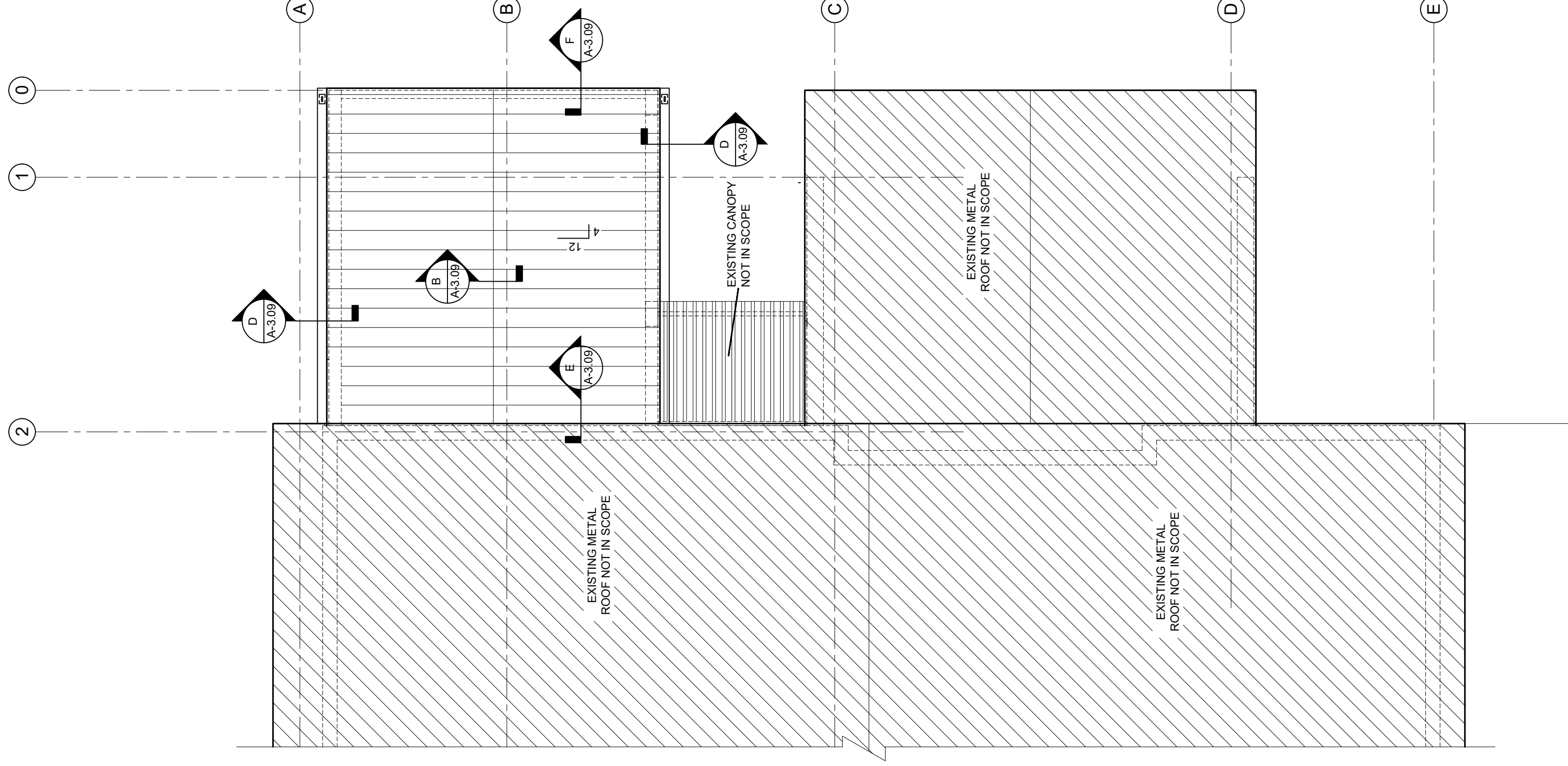
LEGEND		
SYMBOL	DESCRIPTION	SCOPE OF WORK ITEM
	PARAPET WALL	1.2
	GUTTER AND DOWNSPOUT	2.2
	EXPANSION JOINT AT RISING WALL	1.6
	ROOFTOP HVAC UNIT	1.7
	VENT PIPE	1.8
	ROOF HATCH	1.5
	MECHANICAL UNIT	1.7
	A/C UNIT WITH SUPPORTS	1.8
	PRIMARY SCUPPER WITH CONDUCTOR BOX	1.3
	OVERFLOW SCUPPER	1.4
	EXISTING ROOF SYSTEM (NOT IN SCOPE)	
	TYPE 1 ROOF ASSEMBLY - MODIFIED BITUMEN	1.1
	TYPE 2 ROOF SYSTEM - METAL PANELS	2.1
	WALKPADS	1.10
	DETAIL DESIGNATION	

PROPOSED ROOFING ASSEMBLY - TYPE 1	
PRIMARY ROOF COVER	GRANULAR SURFACED MODIFIED BITUMEN CAP SHEET
SECONDARY ROOF COVER	MODIFIED BITUMEN UNDER PLY OVER MECHANICALLY ATTACHED BASE SHEET
INSULATION	LIGHTWEIGHT INSULATING CONCRETE
ROOF DECK	VENTED METAL DECK
ROOF FLASHINGS	ALUMINUM AND STAINLESS STEEL
DRAINAGE	SCUPPERS WITH CONDUCTOR BOXES, OVERFLOW SCUPPERS

PROPOSED ROOFING ASSEMBLY - TYPE 2	
PRIMARY ROOF COVER	DOUBLE-LOCK STANDING SEAM METAL PANELS
SECONDARY ROOF COVER	SELF-ADHERED UNDERLAYMENT
INSULATION	PRIMED GYPSUM COVER BOARD SUBSTRATE
ROOF DECK	SLOPED METAL DECK
ROOF FLASHINGS	ALUMINUM
DRAINAGE	ALUMINUM GUTTERS WITH DOWNSPOUTS



PARTIAL ROOF PLAN - EAST END
SCALE: 1/8" = 1'-0"

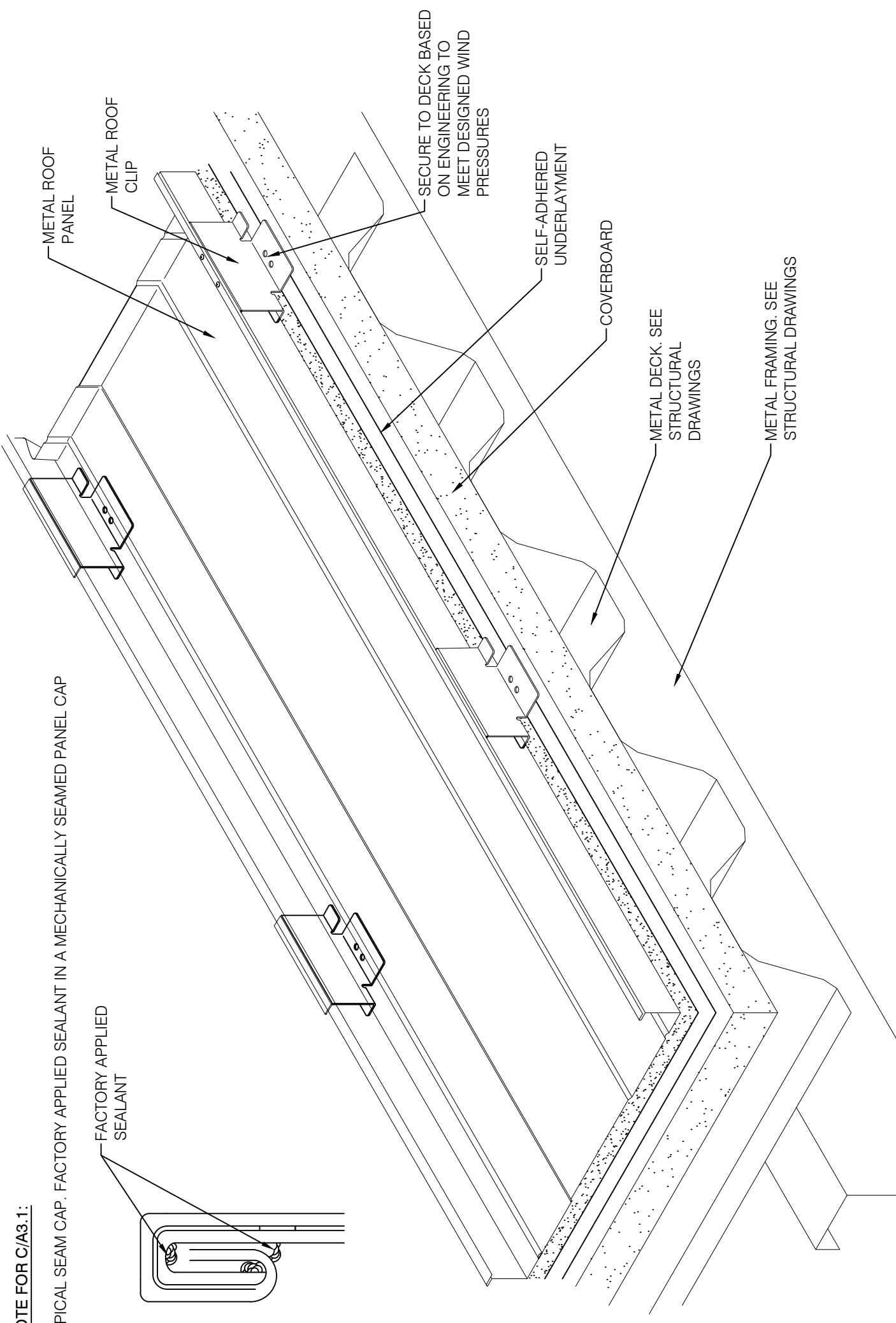


SCOPE OF WORK:

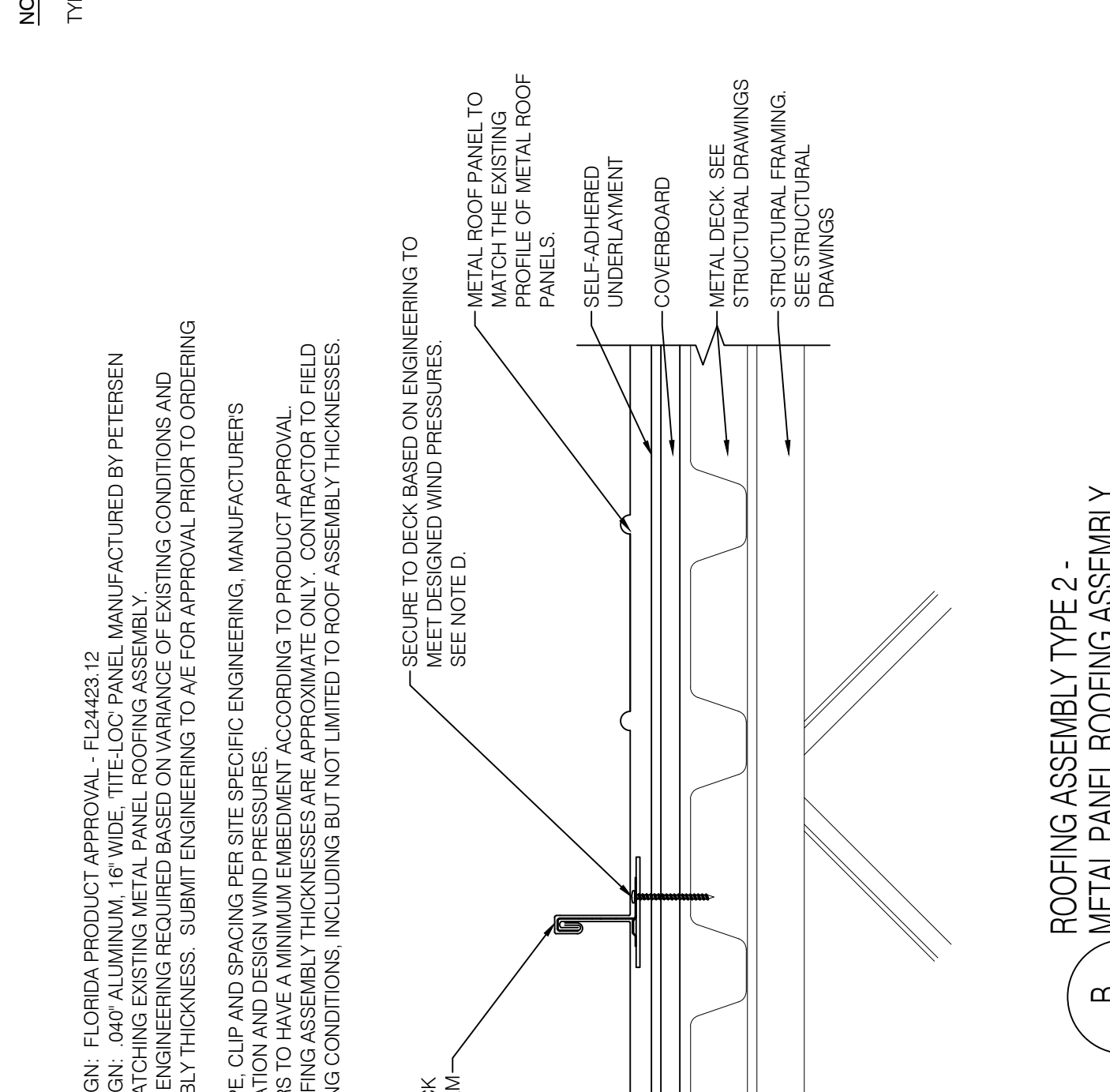
- 1.0 ROOFING ASSEMBLY TYPE 1:**
 - 1.1 ROOFING MEMBRANE ASSEMBLY:** MECHANICALLY ATTACH A VENTED BASE SHEET CONSISTING OF ONE PLY OF SMOOTH SANDED FINISH MODIFIED BITUMEN TO A LIGHTWEIGHT INSULATING CONCRETE (LWIC) DECK OVER THE STEEL DECK. TORCH APPLY ONE BASE PLY OF SMOOTH SURFACED MODIFIED BITUMEN OVER THE BASE SHEET. TORCH APPLY ONE FINISH PLY OF SMOOTH SURFACED MODIFIED BITUMEN OVER THE TORCH PLY. AT ALL BASE FLASHINGS, MECHANICALLY ATTACH COVER BOARD THROUGH THE PARAPET WALLS AT 12" O.C. HORIZONTALLY AND VERTICALLY. TORCH APPLY ONE SMOOTH MODIFIED BITUMEN BASE PLY AND ONE GRANULE SURFACED MODIFIED BITUMEN CAP PLY. FABRICATE AND MECHANICALLY ATTACH ALL FLASHINGS TO THE ROOF DECK. PROVIDE A MINIMUM 3" OVERLAP FOR A TOTAL ROOFING ASSEMBLY SOLDERWEILD ALL JOINTS. NOT REQUIRED TO THERMALLY EXPAND AND CONTRACT. SEE SPECIFICATION SECTIONS 075216 AND 076200.
 - 1.2 COPING:** INSTALL NEW PRE-MANUFACTURED METAL COPINGS TO MEET ANS/SPRI ES-1 REQUIREMENTS. PROVIDE FLASHINGS TO MEET ANS/SPRI ES-1 REQUIREMENTS. PROVIDE CORNERS, TRANSITIONS AND TERMINATIONS. INSTALL WOOD BLOCKING ATOP PARAPET WALLS TO ATTACH NEW COPINGS. SEE SPECIFICATION SECTION 077200.
 - 1.3 PRIMARY SCUPPERS:** INSTALL NEW ALUMINUM SCUPPER INSERTS THROUGH THE ROOF DECK AND UNDERLAYMENT TO THE EXISTING ROOF DECK. PROVIDE OVER SCUPPER MANUFACTURER LIQUID FLASHING SYSTEM WITH FULL REINFORCING FABRIC OVER SCUPPER FLASHINGS. INSTALL ALUMINUM CONDUCTOR BOXES AND DOWNSPOUTS AT EACH PRIMARY SCUPPER. TERMINATE DOWNSPOUTS AT GRADE AND PROVIDE CONCRETE SPLASH BLOCKS AT EACH DOWNSPOUT. SEE SPECIFICATION SECTION 076200.
 - 1.4 OVERFLOW SCUPPERS:** INSTALL NEW ALUMINUM OVERFLOW SCUPPER INSERTS AND ASSOCIATED COMPONENTS THROUGH THE PARAPET WALLS WHERE INDICATED ON THE ROOF PLANS. APPLY ROOF MEMBRANE MATERIAL MANUFACTURER LIQUID FLASHING SYSTEM WITH FULL REINFORCING FABRIC OVER SCUPPER FLASHINGS. SEE SPECIFICATION SECTION 076200.
 - 1.5 ROOF HATCH:** PROVIDE A COMPANY TYPE S ROOF HATCH THAT EXTEND ABOVE THE FINISHED ROOF SURFACE AT LEAST 8". INSTALL NEW SKIRT FLASHING THAT EXTEND ABOVE THE FINISHED ROOF SURFACE AT LEAST 8". INSTALL NEW SKIRT FLASHING AROUND PERIMETER OF EQUIPMENT CURBS.
 - 1.6 ROOF EXPANSION JOINT:** INSTALL SHEET METAL EXPANSION JOINT COVERS AT WALL EXPANSION JOINTS TO MEET ANS/SPRI ES-1 REQUIREMENTS. INSTALL FULLY WELDED ONE-PIECE TRANSITION FLASHINGS AT EXPANSION JOINT CORNERS, TRANSITIONS AND TERMINATIONS. PROVIDE FLASHINGS PER PROJECT WIND UPLIFT PRESSURES. SEE SPECIFICATION SECTION 077200.
 - 1.7 EQUIPMENT CURBS:** INSTALL NEW PRE-MANUFACTURED INSULATED EQUIPMENT CURBS THAT EXTEND ABOVE THE FINISHED ROOF SURFACE AT LEAST 8". INSTALL NEW SKIRT FLASHING AROUND PERIMETER OF EQUIPMENT CURBS.
 - 1.8 MECHANICAL UNITS:** PROVIDE FLASHINGS ABOVE THE FINISHED ROOF SURFACE. PROVIDE FLASHINGS WITH A MINIMUM 4" FLASHING HEIGHT. APPLY ROOF MEMBRANE MATERIAL MANUFACTURER LIQUID FLASHING SYSTEM WITH FULL REINFORCING FABRIC.
 - 1.9 THRU-WALL FLASHING:** INSTALL NEW TWO-PIECE FLASHING ABOVE THE EXPANSION JOINT AGAINST THE EXISTING BUILDING. REMOVE MINIMUM 3 COURSES OF BRICK TO INSTALL FLASHING IN BED OF SEALANT AND EXTEND MEMBRANE MINIMUM 3" BEYOND METAL FLASHING VERTICAL LEG. TERMINATE WITH CONTINUOUS TERMINATION BAG AND SEALANT. INSTALL NEW BRICK AND MORTAR MATCHING EXISTING COLOR, TEXTURE AND TOOLING. INSTALL BRICK-TIES AT DESIGNATED LOCATIONS. COLOR OF NEW WALKPADS TO BE SELECTED BY OWNER IN FIELD.
 - 1.10 ROOF WALKPADS:** PROVIDE NEW, MODIFIED, BITUMEN, ROOF WALKWAY PADS AT DESIGNATED LOCATIONS. COLOR OF NEW WALKPADS TO BE SELECTED BY OWNER IN FIELD.
 - 1.11 LIGHTNING PROTECTION:** INSTALL NEW LIGHTNING PROTECTION SYSTEM TO INCLUDE GROUNDING PENETRATIONS, AIR TERMINALS AND ACCESSORIES IN ACCORDANCE WITH NFPA-780.
 - 1.12 ENGINEERING:** CONTRACTOR TO COMPLETE FULL TESTS OF THE NEW ROOF SYSTEM PER THE REQUIREMENTS OF THE MANUFACTURER. PROVIDE TEST REPORTS TO THE ARCHITECT AND LICENSED STRUCTURAL ENGINEER INCLUDING THE TESTED NOA FOR EACH ROOF ZONE. SUBMIT THE FULL TEST RESULTS AND THE ENGINEERED BASE SHEET FASTENER SPACING CALCULATIONS TO THE ARCHITECT AND MANUFACTURER FOR REVIEW PRIOR TO COMMENCEMENT OF THE ROOFING ASSEMBLY TYPE 2.
- 2.0 ROOFING ASSEMBLY TYPE 2:**
 - 2.1 STEEP-SLOPE STANDING SEAM METAL PANEL ASSEMBLY:** MECHANICALLY ATTACH COVER BOARD SUBSTRATE OVER THE STEEL DECK. PREPARE THE SUBSTRATE TO RECEIVE NEW UNDERLAYMENT AND APPLY PRIMER AS REQUIRED BY THE MANUFACTURER. APPLY ONE PLY OF UNDERLAYMENT TO THE SUBSTRATE. MECHANICALLY ATTACH METAL PANELS TO THE UNDERLAMENT AND OVER ALL PRIMED METAL FLASHING FLANGES. SEE SPECIFICATION SECTION 074110 AND OVER ALL PRIMED METAL FLASHING FLANGES. SEE SPECIFICATION SECTION 074110. INSTALL DOUBLE-LOCK METAL STANDING SEAM ROOF PANELS WITH STIFFENING RIBS USING THE DOUBLE-LOCK METAL FLASHING SYSTEM. PROVIDE THERMALLY MOVABLE COMPONENTS. SECURE CLIPS INTO THE CEILING OF THE SPACE BELOW THE ROOF DECK.
 - 2.2 GUTTERS AND DOWNSPOUTS:** INSTALL NEW ALUMINUM GUTTERS AT EAVE EDGE LOCATIONS. OF SIZE AND PROFILE TO MEET THE REQUIREMENTS IN THE DRAWINGS. FABRICATE ALUMINUM DOWNSPOUTS WHERE INDICATED AND CONTINUE TO GRADE. PROVIDE CONCRETE SPLASH-BLOCKS BENEATH DOWNSPOUT OUTLETS. SEE SPECIFICATION SECTION 076200.
 - 2.3 METAL FLASHING:** INSTALL METAL FLASHING TO MEET THE REQUIREMENTS IN THE DRAWINGS. PROVIDE FLASHINGS TO MEET ANS/SPRI ES-1 REQUIREMENTS. PROVIDE FLASHINGS TO MEET ANS/SPRI ES-1 REQUIREMENTS. PROVIDE CORNERS, TRANSITIONS AND TERMINATIONS. PROVIDE FLASHINGS PER PROJECT WIND UPLIFT PRESSURES. SEE SPECIFICATION SECTION 077200.

MATERIAL COMPONENT SCHEDULE

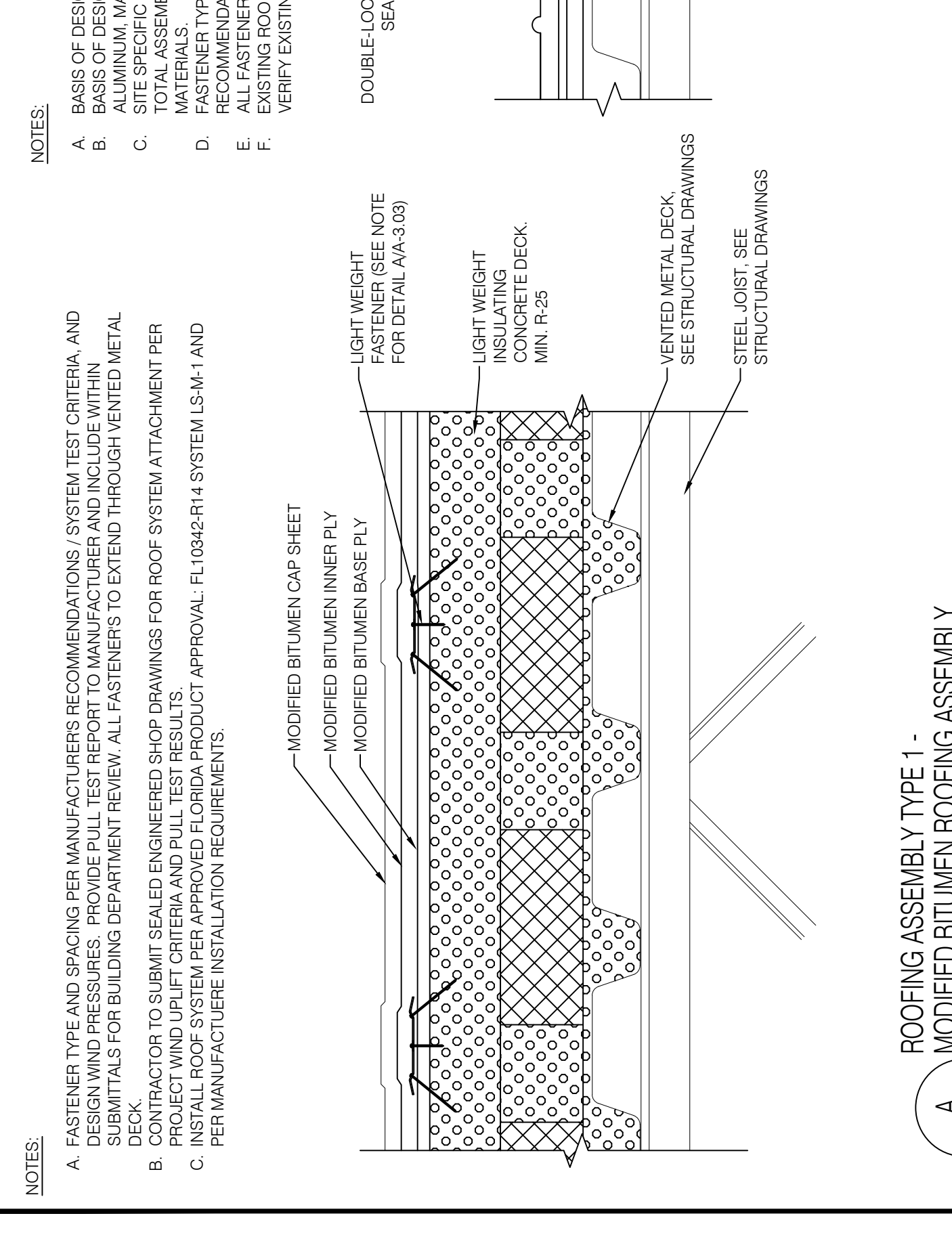
- LIGHTWEIGHT INSULATING CONCRETE**
 SPECIFICATION SECTION 05252-01
 PERMANENTLY SET, NON-CRACKING, NON-SHRINKING, PORTLAND CEMENT, ASTM C 150/C 150M, TYPE I, TYPE II, Type III BASIS OF DESIGN; SIPSLAST INSULATING SYSTEMS.
- SBS MODIFIED BITUMINOUS ROOFING**
 SPECIFICATION SECTION 07520-00
- CAP SHEET:** SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: "PARADIENE 30 FT" MANUFACTURED BY SIPSLAST.
- BASE SHEET:** SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, "PARADIENE 20 FT" MANUFACTURED BY SIPSLAST. BASIS OF DESIGN: "PARADIENE 20 FT" MANUFACTURED BY SIPSLAST.
- BASE FLASHING - INNER PLY:** SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN: "PARADIENE 20 FT" MANUFACTURED BY SIPSLAST.
- BASE FLASHING - OUTER PLY:** SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: "PARADIENE 30 FT" MANUFACTURED BY SIPSLAST.
- CANT STRIP:** HIGH-DENSITY, LAMINATED PERITE BOARD.
- LIQUID-APPLIED FLASHING:** A POLYESTER REINFORCED PMMA BASED FLASHING SYSTEM BY ROOF-MEMBRANE MANUFACTURER.
- ROOF TRAFFIC PADS:** SBS MODIFIED BITUMEN WITH GRANULATED SURFACE FOR CONTRAST TO THE CAP SHEET. COLOR TO BE SELECTED BY OWNER.
- SELF-ADHERED UNDERLAYMENT:** 040" SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W/R GRACE ICE & WATER SHIELD HT) ADHERED OVER PRIMED SUBSTRATE BELOW.
- STANDING SEAM METAL PANEL ROOFING**
 SPECIFICATION SECTION 076113
- METAL PANELS:** 0.040" ALUMINUM, 16" WIDE DOUBLE LOCK STANDING SEAM METAL PANELS. BASIS OF DESIGN: "TIE-LOC PLUS" BY PETERSEN ALUMINUM.
- SELF-ADHERED UNDERLAYMENT:** 040" SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W/R GRACE ICE & WATER SHIELD HT) ADHERED OVER PRIMED SUBSTRATE BELOW.
- COVER BOARD:** 1/2" GYPSUM ROOF BOARD WITH FIBERGLASS MATS. BASIS OF DESIGN: "DENSDECK PRIME" MANUFACTURED BY GEORGIA PACIFIC.
- SHEET METAL FLASHING AND TRIM**
 SPECIFICATION SECTION 07520-03
- CONCEALED SPLICE PLATE:** 0.050" ALUMINUM, COLOR MATCH METAL EDGE.
- METAL CLEAT:** 22 GAGE STEEL GALVANIZED GRD.
- METAL EDGE:** 0.040" ALUMINUM, COLOR SELECTED BY OWNER.
- METAL SKIRT FLASHING:** 22 GAGE STAINLESS STEEL, TYPE 316.
- TERMINATION BAR:** 1/2" WIDE STAINLESS STEEL, TYPE 316, FULLY SOLDERED WELDED FOR ALL NON-MOVING JOINTS. OWNER SOLDERED WELDED FOR ALL NON-MOVING JOINTS.
- TERMINATION BAR:** 1/8" THICK X 1" WIDE STAINLESS STEEL.
- GUTTERS:** 0.040" ALUMINUM, COLOR SELECTED BY OWNER.
- DOWNSPOUTS:** 0.050" ALUMINUM, COLOR SELECTED BY OWNER.
- ROOF ACCESSORIES**
EQUIPMENT CURB: 14 GAGE GALVANIZED STEEL, G90.
- ROOF SCUTTLES**
 SPECIFICATION SECTION 07293
- ROOF HATCH:** BASIS OF DESIGN: BILCO, TYPE "S-507R" ENHANCED PERFORMANCE ALUMINUM ROOF HATCH WITH INSULATION CURB LINER.
- JOINT SEALANTS** SPECIFICATION SECTION 079200
- BACKER ROD:** CLOSED-CELL BACKER ROD.
- BUTYL SEALANT:** ONE-PART GUN GRADE, BUTYL-RUBBER BASED JOINT SEALANT, ASTM C 1311.
- SILICONE SEALANT:** SINGLE-COMPONENT, NONSAG, NEUTRAL CURING SILICONE JOINT SEALANT, ASTM D 990, TYPE S, GRADE NS, MANUFACTURED BY DOW CORNING.
- SEALANT TAPE:** 1" WIDE BUTYL SEALANT TAPE, APPLIED BETWEEN METAL SURFACES AND UNDERLYING SURFACE.
- STRUCTURAL SEALANT:** SINGLE-COMPONENT, MOISTURE CURING, GUN GRADE ADHESIVE, "M-1" MANUFACTURED BY CHEM LINK ENGINEERED SYSTEMS.
- URETHANE JOINT SEALANT:** SINGLE-COMPONENT, NONSAG, POLYURETHANE JOINT SEALANT, ASTM C 980, TYPE S, GRADE NS, CLASS 100/90, FOR USE NT, APPLIED TO PRIMED SURFACES.



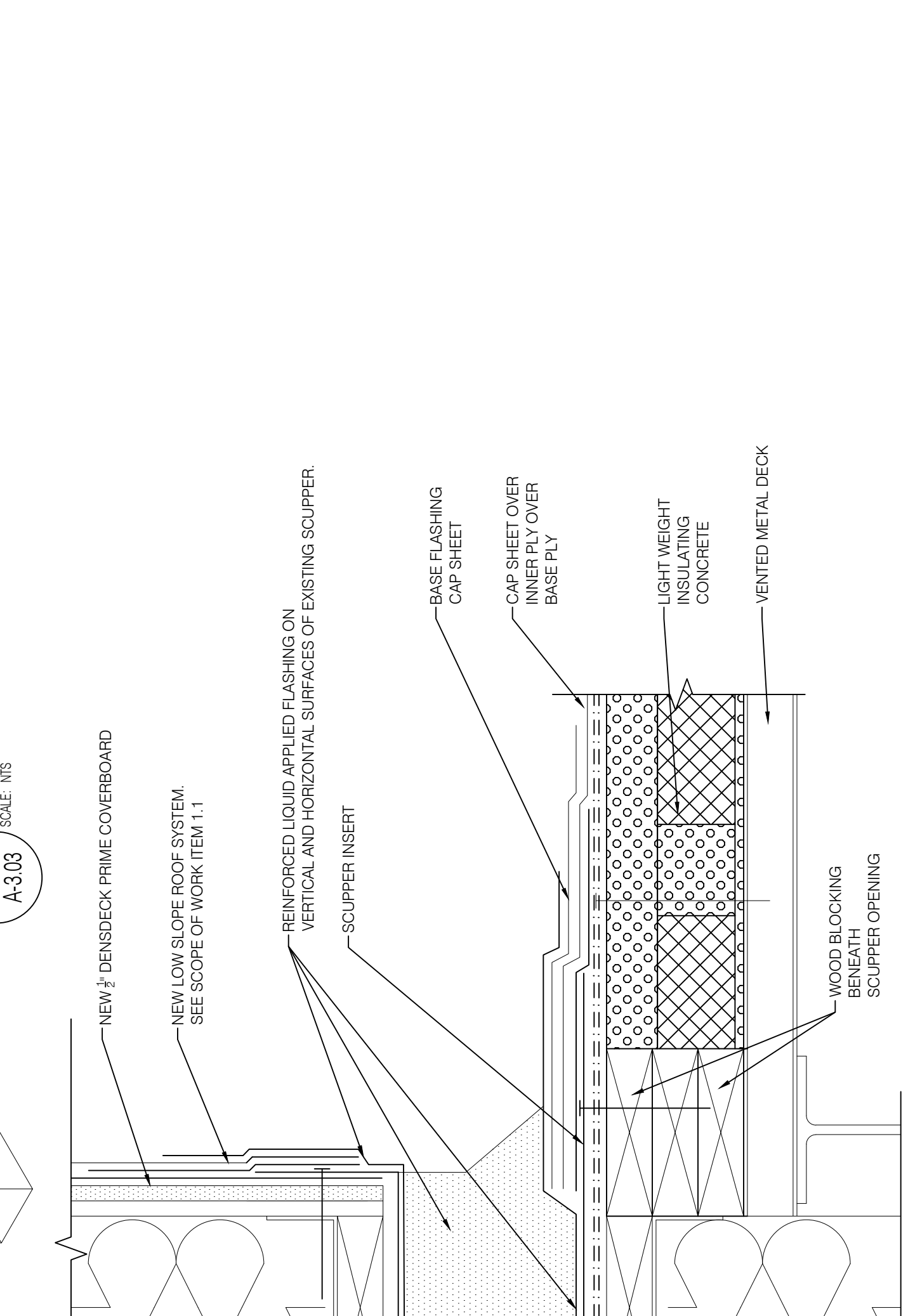
A ROOFING ASSEMBLY TYPE 1 - MODIFIED BITUMEN ROOFING ASSEMBLY
 SCALE: NTS
 A-3.03



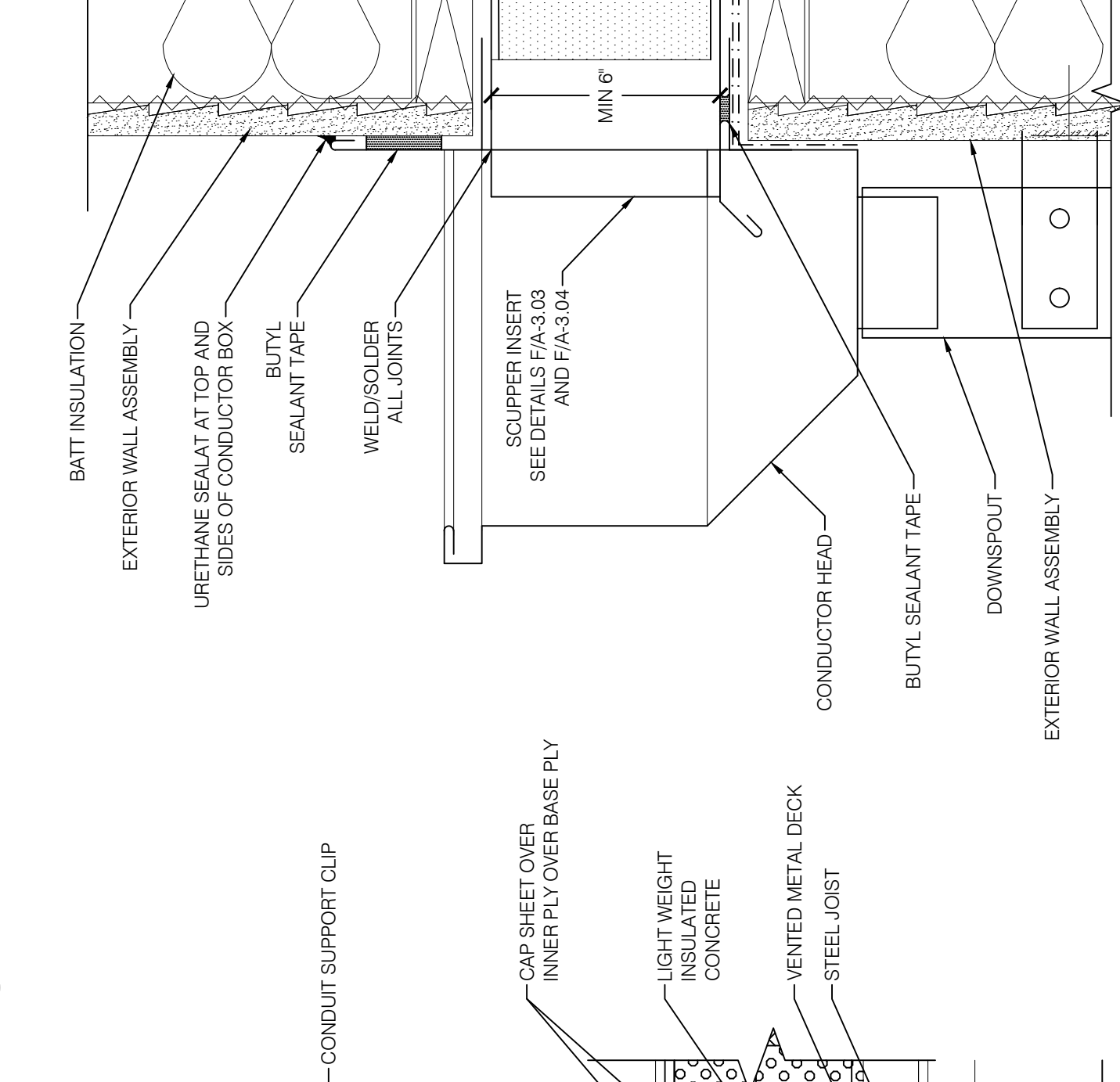
B ROOFING ASSEMBLY TYPE 2 - METAL PANEL ROOFING ASSEMBLY
 SCALE: NTS
 A-3.03



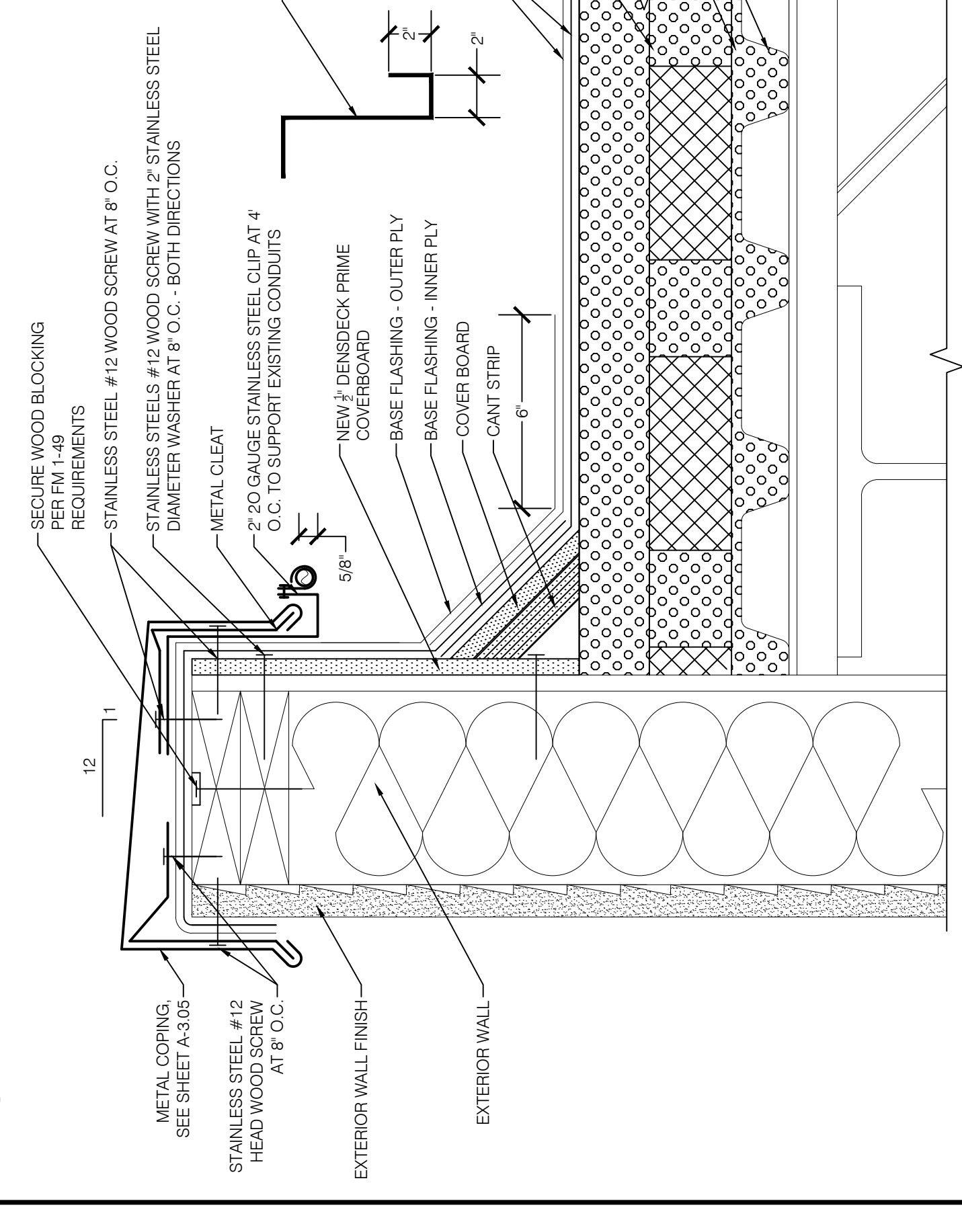
C TYPICAL METAL ROOF PANEL ISOMETRIC
 SCALE: NTS
 A-3.03



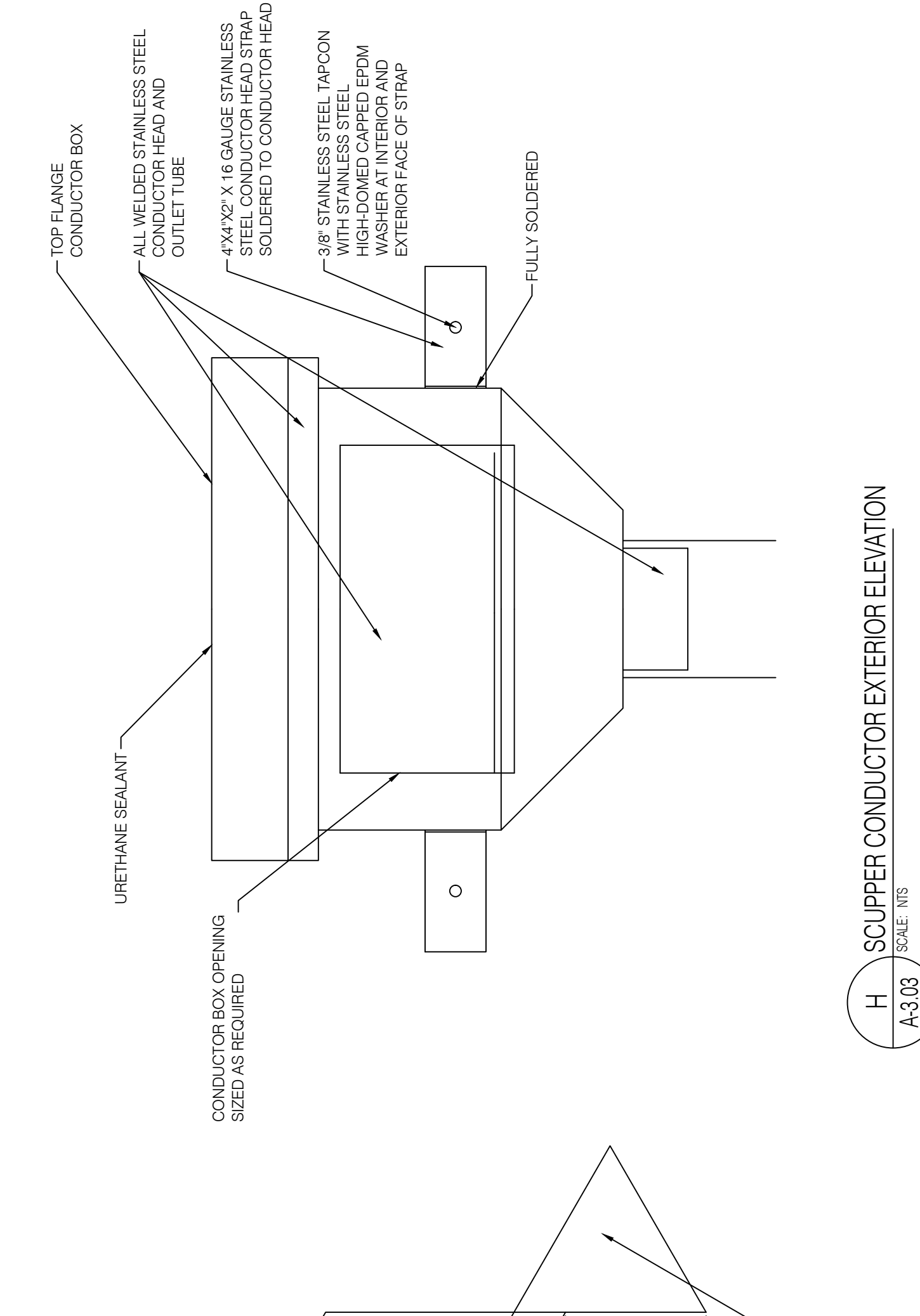
D PARAPET WALL FLASHING
 SCALE: NTS
 A-3.03



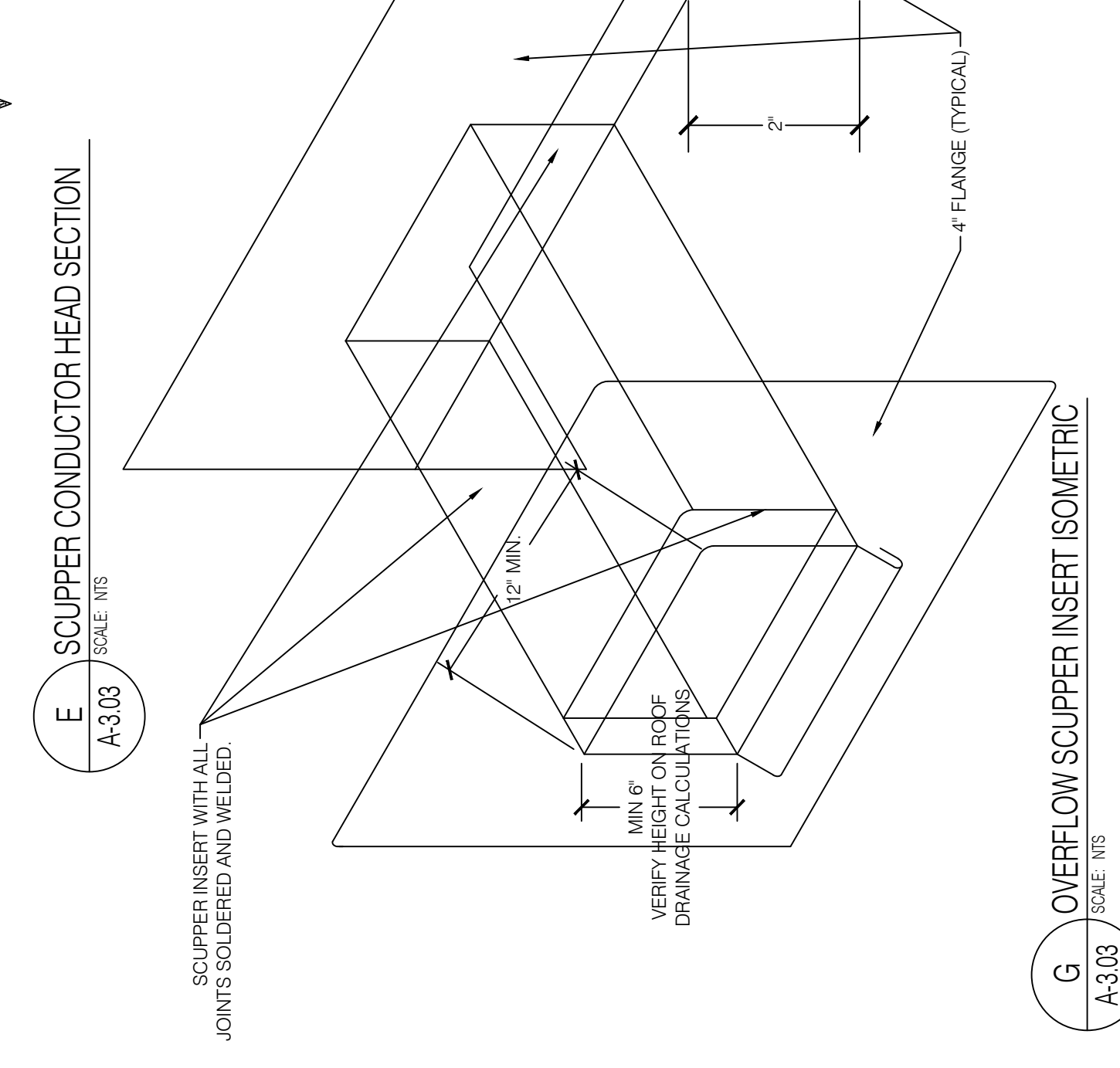
E SCUPPER CONDUCTOR HEAD SECTION
 SCALE: NTS
 A-3.03



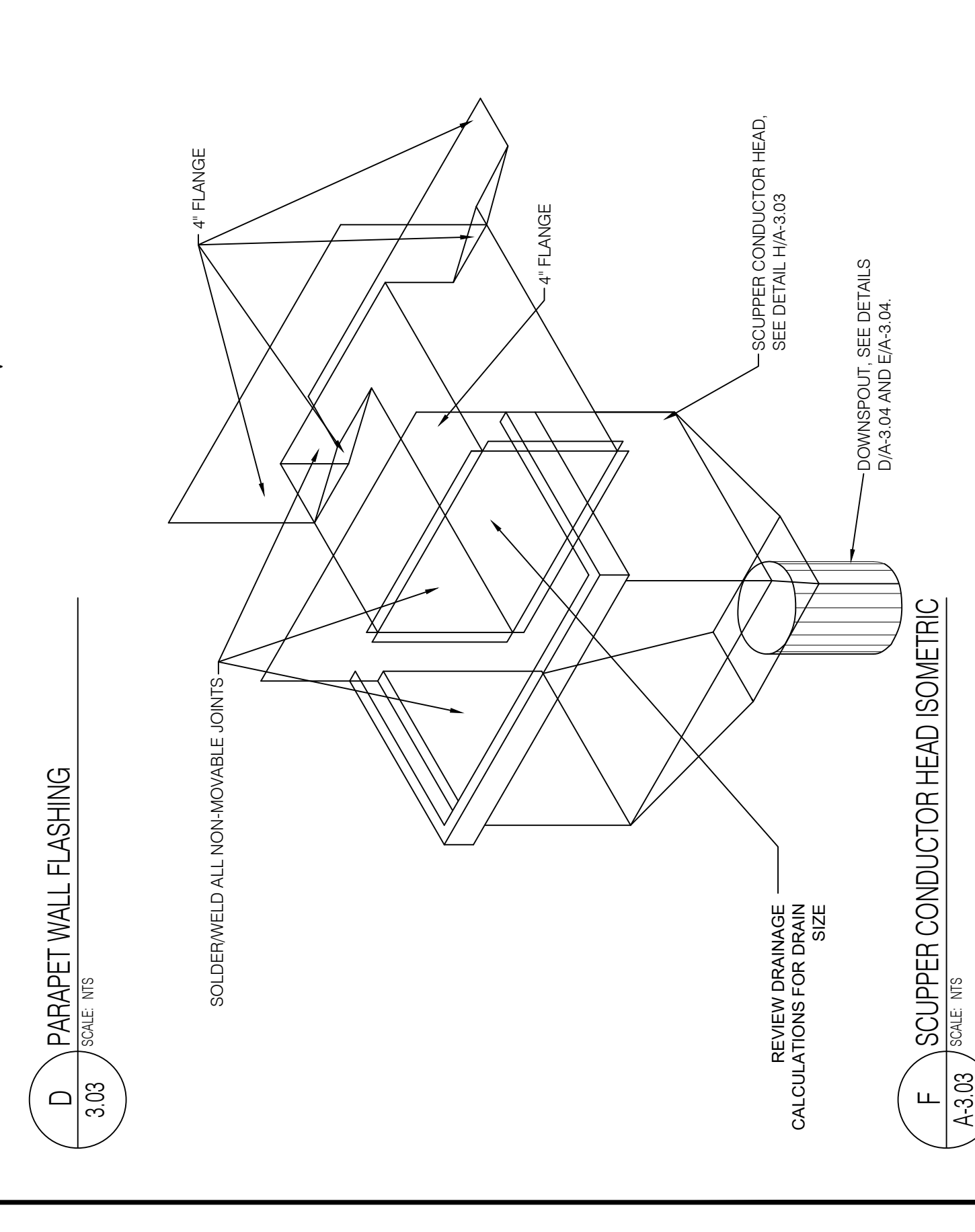
F SCUPPER CONDUCTOR HEAD ISOMETRIC
 SCALE: NTS
 A-3.03



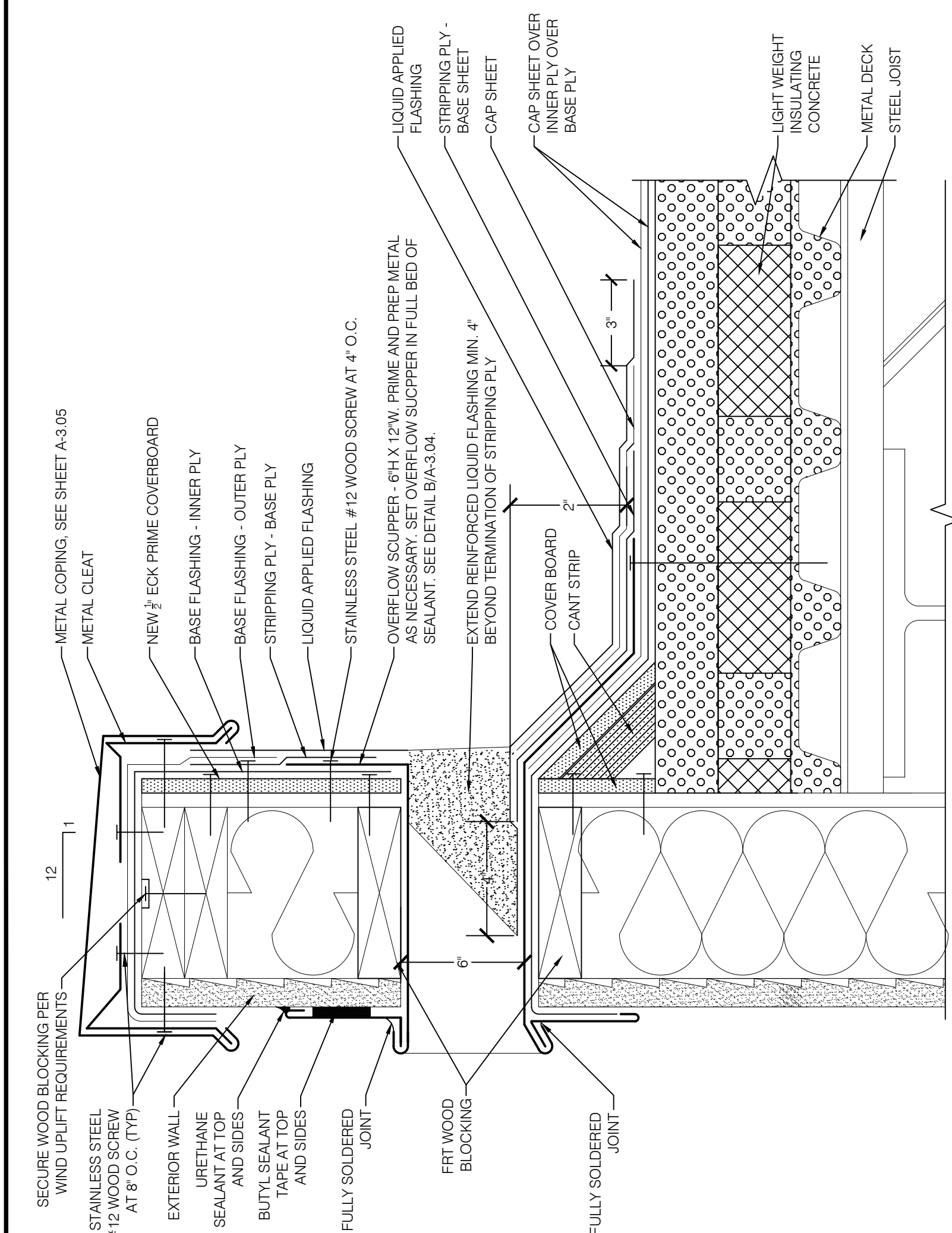
G OVERFLOW SCUPPER INSERT ISOMETRIC
 SCALE: NTS
 A-3.03



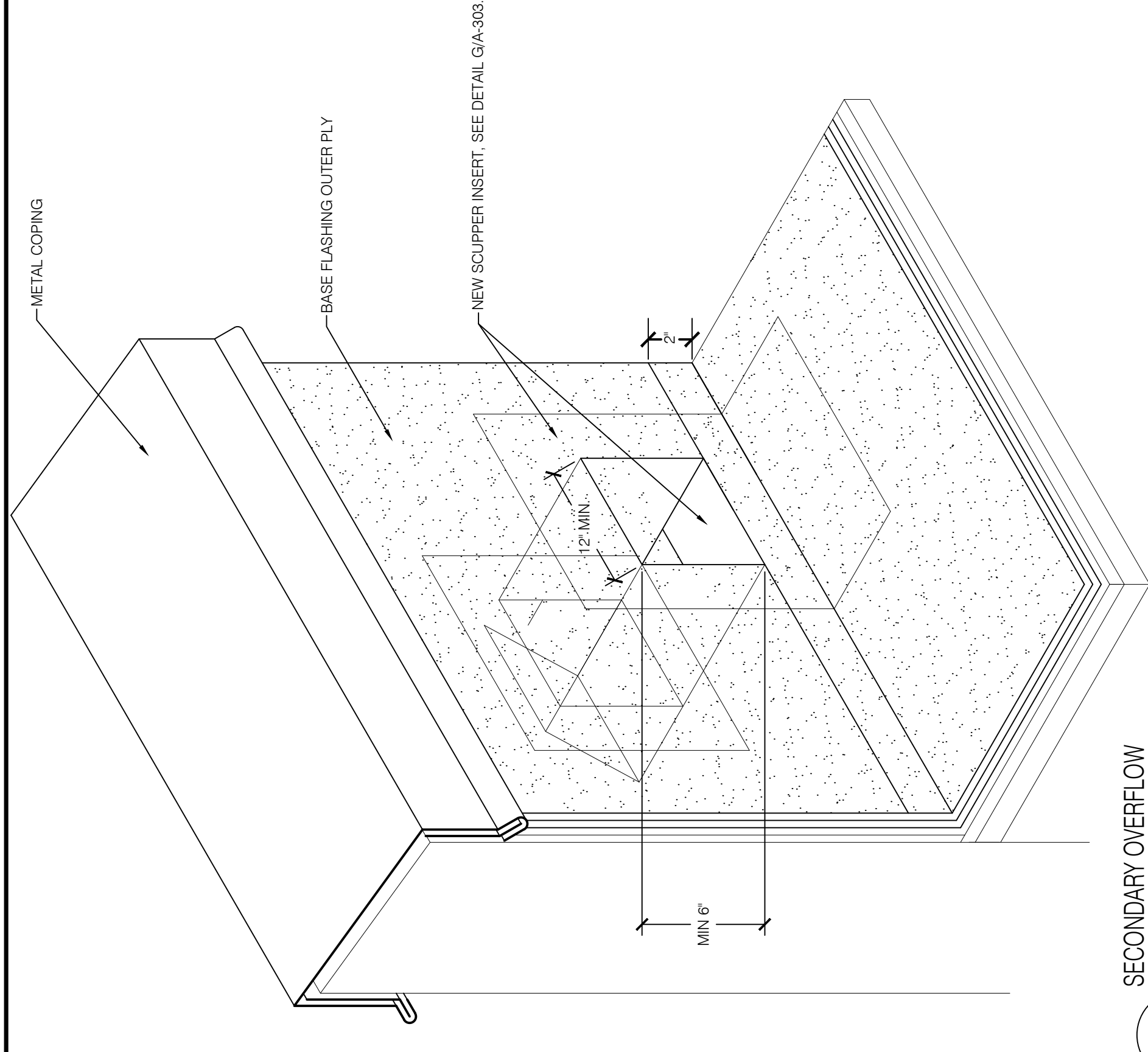
H SCUPPER CONDUCTOR EXTERIOR ELEVATION
 SCALE: NTS
 A-3.03



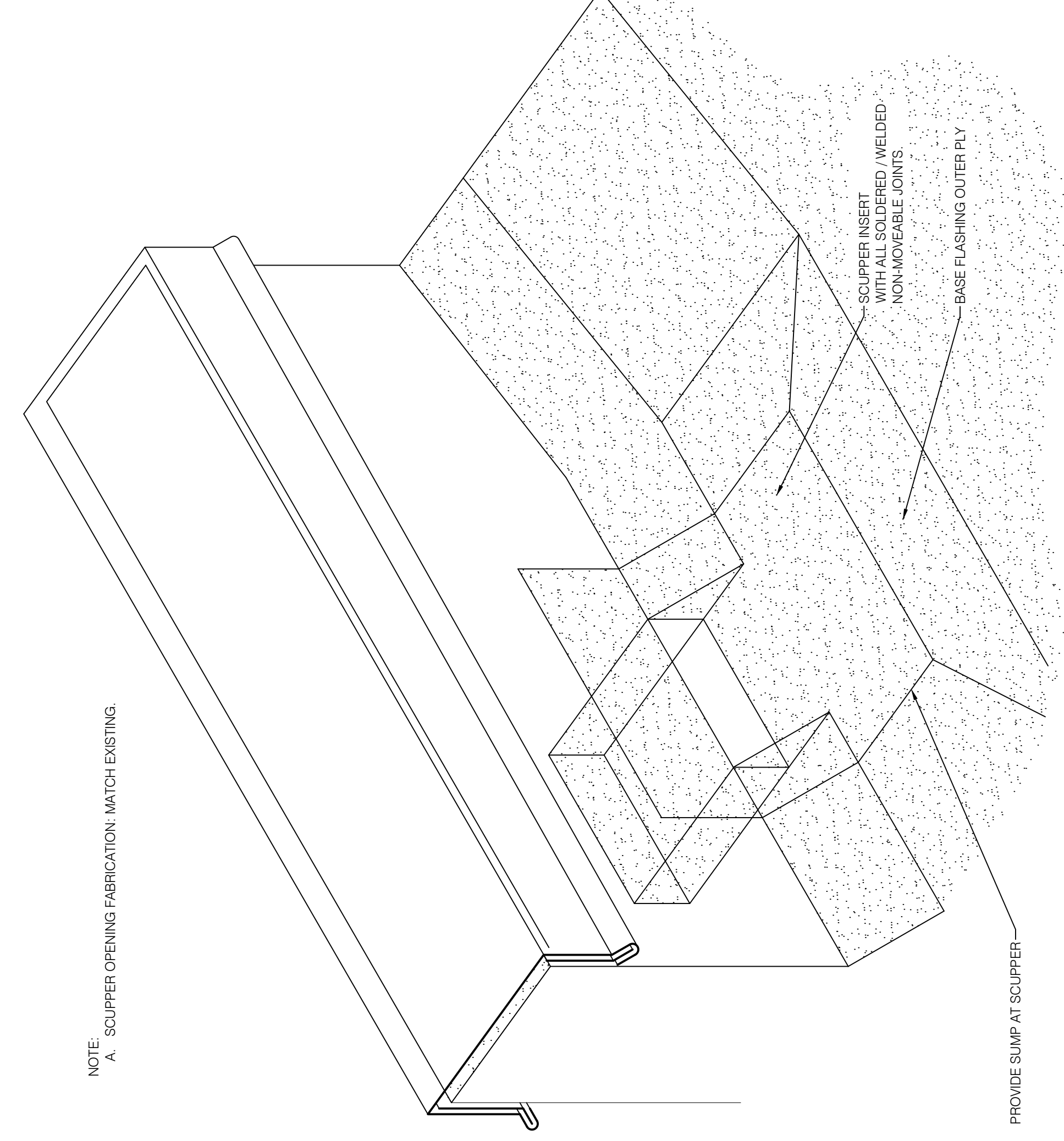
I TYPICAL SEAM CAP. FACTORY APPLIED SEALANT IN A MECHANICALLY SEAMED PANEL CAP
 SCALE: NTS
 A-3.03



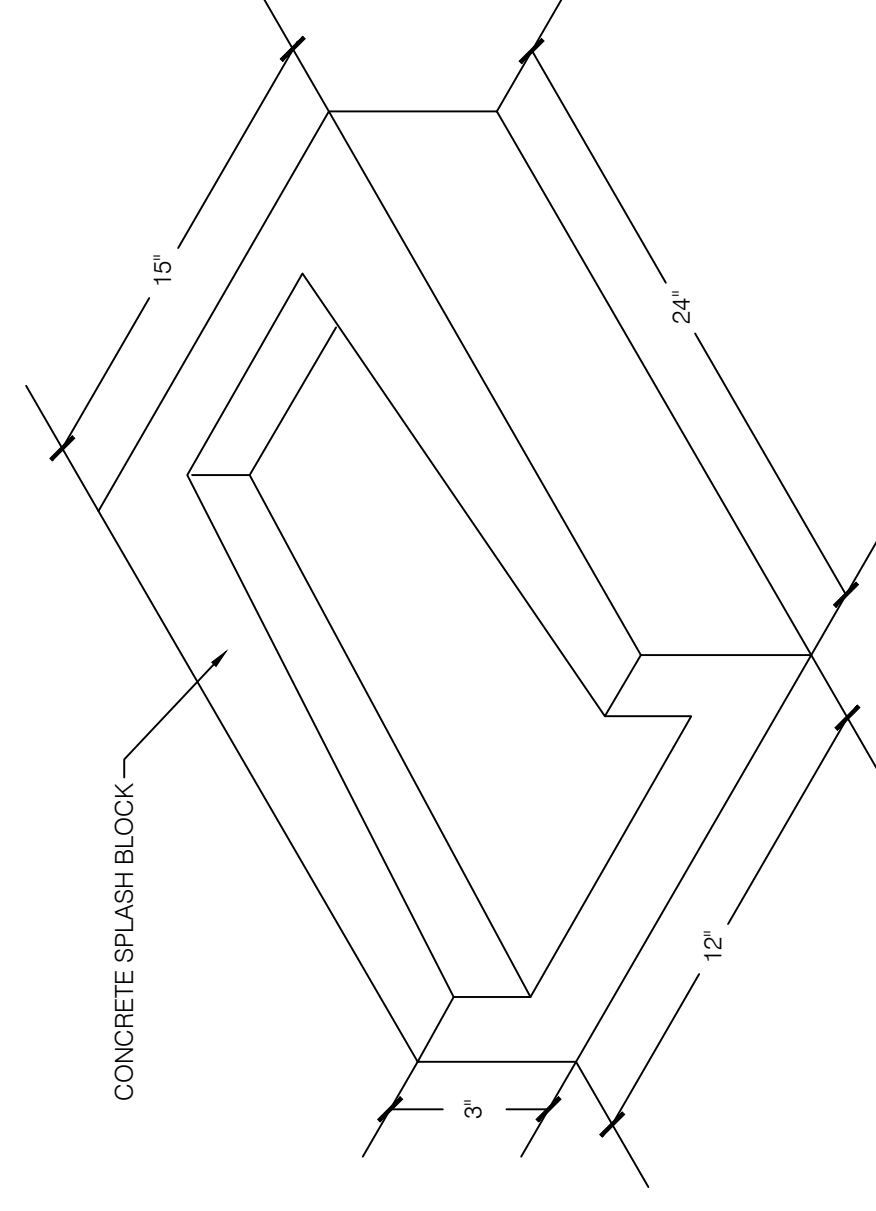
A EMERGENCY OVERFLOW SCUPPER DETAIL
SCALE: 1/8\"/>



B SCUPPER ISOMETRIC
SCALE: 1/8\"/>

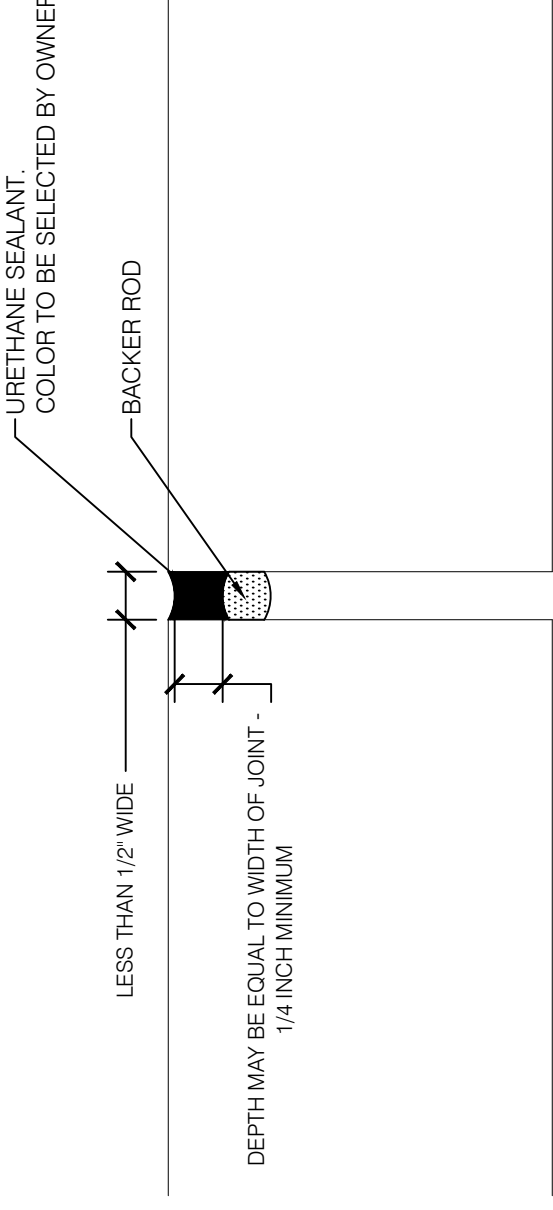


F SCUPPER ISOMETRIC
SCALE: 1/8\"/>



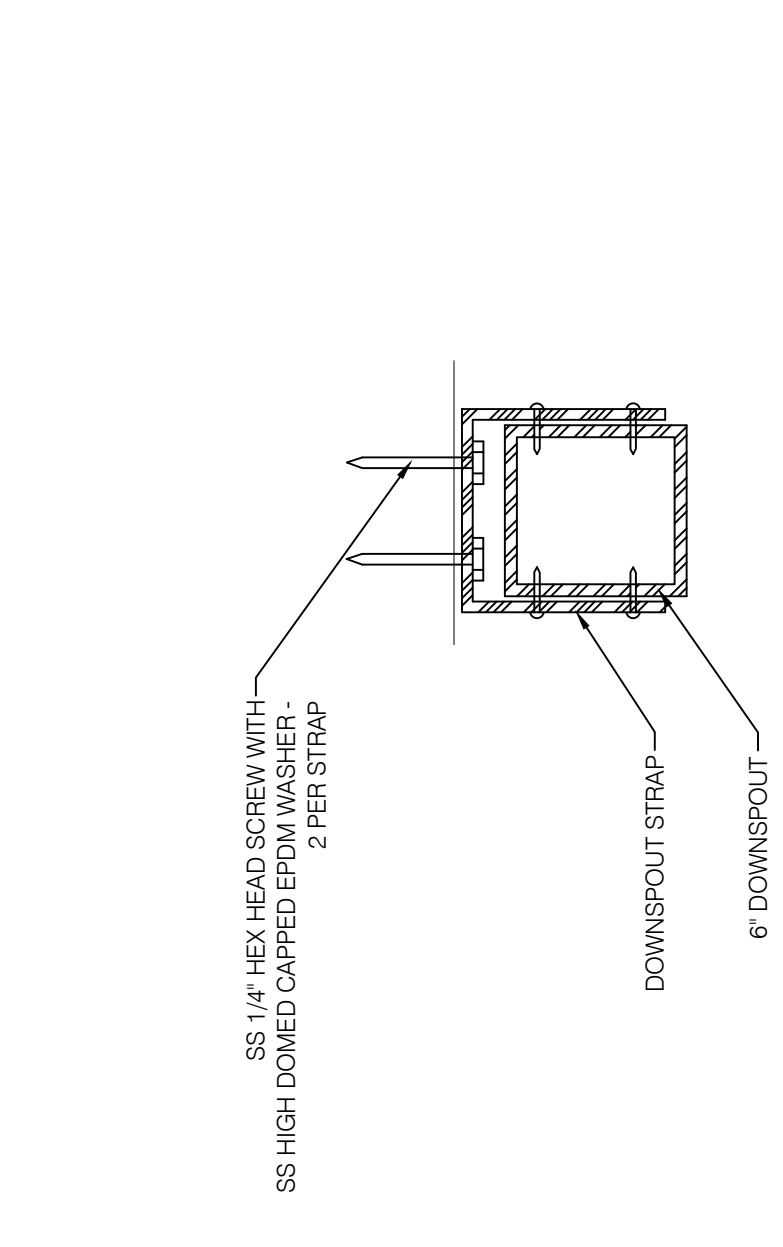
D CONCRETE SPLASH BLOCK ISOMETRIC
SCALE: 1/8\"/>

- NOTES:**
- FOR ALL DYNAMIC JOINTS SMALLER THAN 1/4 INCH WIDE, CONSULT MANUFACTURER FOR RECOMMENDATIONS.
 - THE MINIMUM DEPTH OF SEALANT IS TO BE 1/4 INCH.
 - CONSULT MANUFACTURER FOR RECOMMENDATIONS ON JOINTS GREATER THAN 1 INCH WIDE.



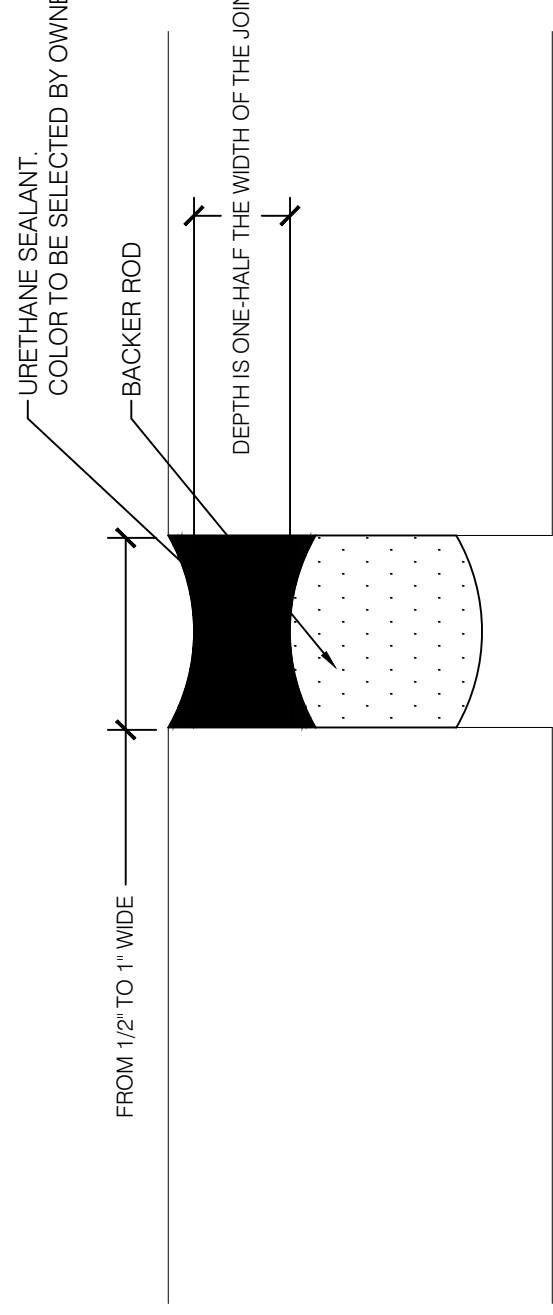
G TYPICAL SEALANT DEPTH TO WIDTH RATIO LESS THAN 1/2\"/>

C NOT USED
SCALE: 1/8\"/>



E DOWNSPOUT SECTION
SCALE: 1/8\"/>

- NOTES:**
- FOR ALL DYNAMIC JOINTS SMALLER THAN 1/4 INCH WIDE, CONSULT MANUFACTURER FOR RECOMMENDATIONS.
 - THE MINIMUM DEPTH OF SEALANT IS TO BE 1/4 INCH.
 - CONSULT MANUFACTURER FOR RECOMMENDATIONS ON JOINTS GREATER THAN 1 INCH WIDE.



H TYPICAL SEALANT DEPTH TO WIDTH RATIO LESS THAN 1/2\"/>

MATERIAL COMPONENT SCHEDULE

LIGHTWEIGHT INSULATING CONCRETE

SPECIFICATION SECTION 05220-10 LIGHTWEIGHT CONCRETE
 1. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 2. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 3. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 4. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 5. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 6. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 7. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 8. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 9. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.
 10. PORTLAND CEMENT, ASTM C 150, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN.

SBS MODIFIED BITUMINOUS ROOFING

SPECIFICATION SECTION 07520-00
 1. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 2. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 3. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 4. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 5. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 6. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 7. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 8. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 9. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 10. SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.

BASE FLASHING - INNER PLY

SBS SMOOTH MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN.
 PARADISE 20TG MANUFACTURED BY SPLAST.

BASE FLASHING - OUTER PLY

SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6183, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN.
 PARADISE 30 FTG MANUFACTURED BY SPLAST.

CANT STRIP

HIGH-DENSITY, LAMINATED PERLITE BOARD, BASED FLASHING SYSTEM BY ROOF-MEMBRANE MANUFACTURER.

ROOF TRAFFIC PADS

SBS MODIFIED BITUMEN WITH GRANULATED SILICA SAND SURFACE CONTRAST TO THE CAP SHEET. COLOR TO BE SELECTED BY OWNER.

SELF-ADHERED UNDERLAYMENT

040" SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W/R GRACE ICE & WATER SHIELD HT) ADHERED OVER PRIMED SUBSTRATE BELOW.

COVER BOARD

1/2" GYPSUM ROOF BOARD WITH FIBERGLASS MATS, MANUFACTURED BY GAF.

STANDING SEAM METAL PANEL ROOFING

SPECIFICATION SECTION 07613
 1. 0.040" ALUMINUM, 16" WIDE DOUBLE LOCK STANDING SEAM METAL PANELS. BASIS OF DESIGN. TITE-LOC PLUS BY PETERSEN ALUMINUM.

SELF-ADHERED UNDERLAYMENT

040" SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W/R GRACE ICE & WATER SHIELD HT) ADHERED OVER PRIMED SUBSTRATE BELOW.

COVER BOARD

1/2" GYPSUM ROOF BOARD WITH FIBERGLASS MATS, MANUFACTURED BY GAF.

SHEET METAL FLASHING AND TRIM

SPECIFICATION SECTION 07933
 1. 22 GAGE GALVANIZED STEEL, 960. COLOR MATCH METAL EDGE.

METAL CLEAT

22 GAGE GALVANIZED STEEL, 960. COLOR MATCH METAL EDGE.

METAL SKIRT FLASHING

22 GAGE STAINLESS STEEL, TYPE 316. COLOR MATCH METAL EDGE.

TERMINATION BAR

1/8" THICK X 1" WIDE STAINLESS STEEL.

DOWNSPOUTS

0.050" ALUMINUM, COLOR SELECTED BY OWNER.

ROOF ACCESSORIES

EQUIPMENT CURB: 14 GAGE GALVANIZED STEEL, 960.

ROOF SCUTTLES

SPECIFICATION SECTION 07233
 1. BILCO TYPE "S-50TER" ENHANCED PERFORMANCE ALUMINUM ROOF HATCH WITH INSULATION CURB LINER.

JOINT SEALANTS

SPECIFICATION SECTION 079200
 1. CLOSED-CELL BACKER ROD.
 2. ONE-PART GUN GRADE, BUTYL-RUBBER BASED JOINT SEALANT, ASTM C 1311.

SILICONE SEALANT

SINGLE-COMPONENT, NEUTRAL CURING SILICONE JOINT SEALANT, ASTM C 920, TYPE S, GRADE NS, MANUFACTURED BY DOW CORNING.

SEALANT TAPE

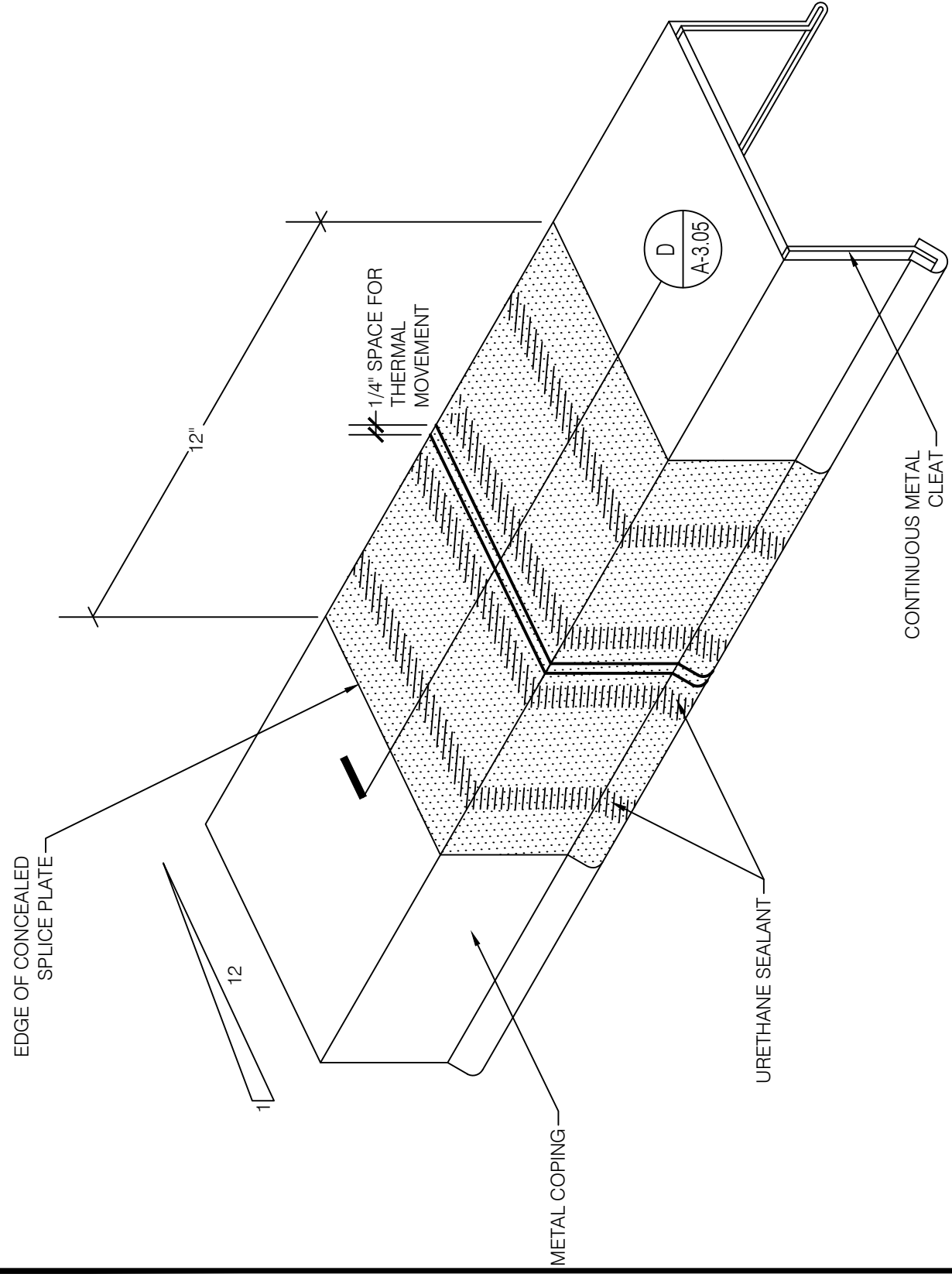
1" WIDE BUTYL SEALANT TAPE, APPLIED BETWEEN METAL SURFACES AND UNDERLYING SURFACE.

STRUCTURAL SEALANT

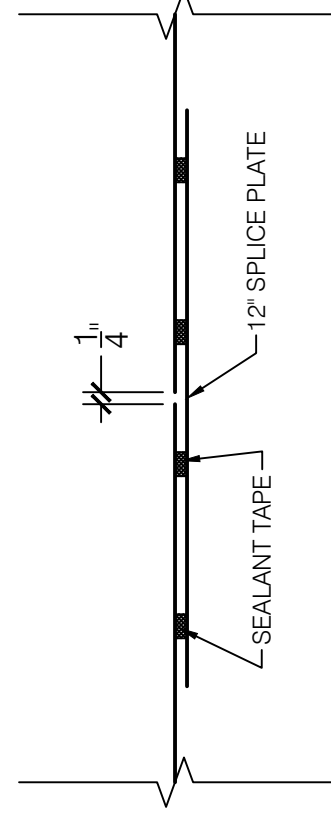
SINGLE-COMPONENT, MOISTURE CURING, ENGINEERED SYSTEMS.

URETHANE SEALANT

SINGLE-COMPONENT, NONSAG, POLYURETHANE JOINT SEALANT, ASTM C 890, TYPE S, GRADE NS, CLASS 100/90. FOR USE INT. APPLIED TO PRIMED SURFACES.

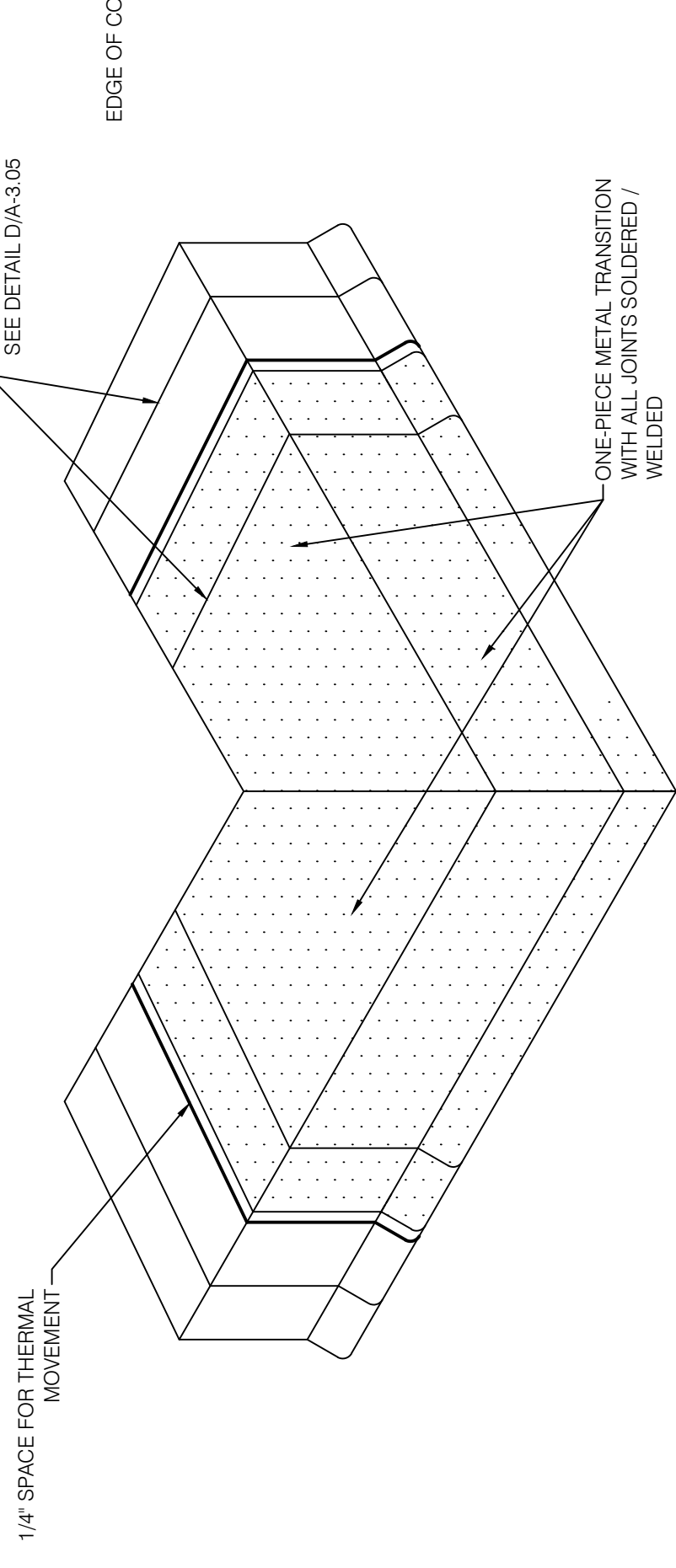


A COPING END JOINT SPLICE PLATE
SCALE: NTS
A-3.05

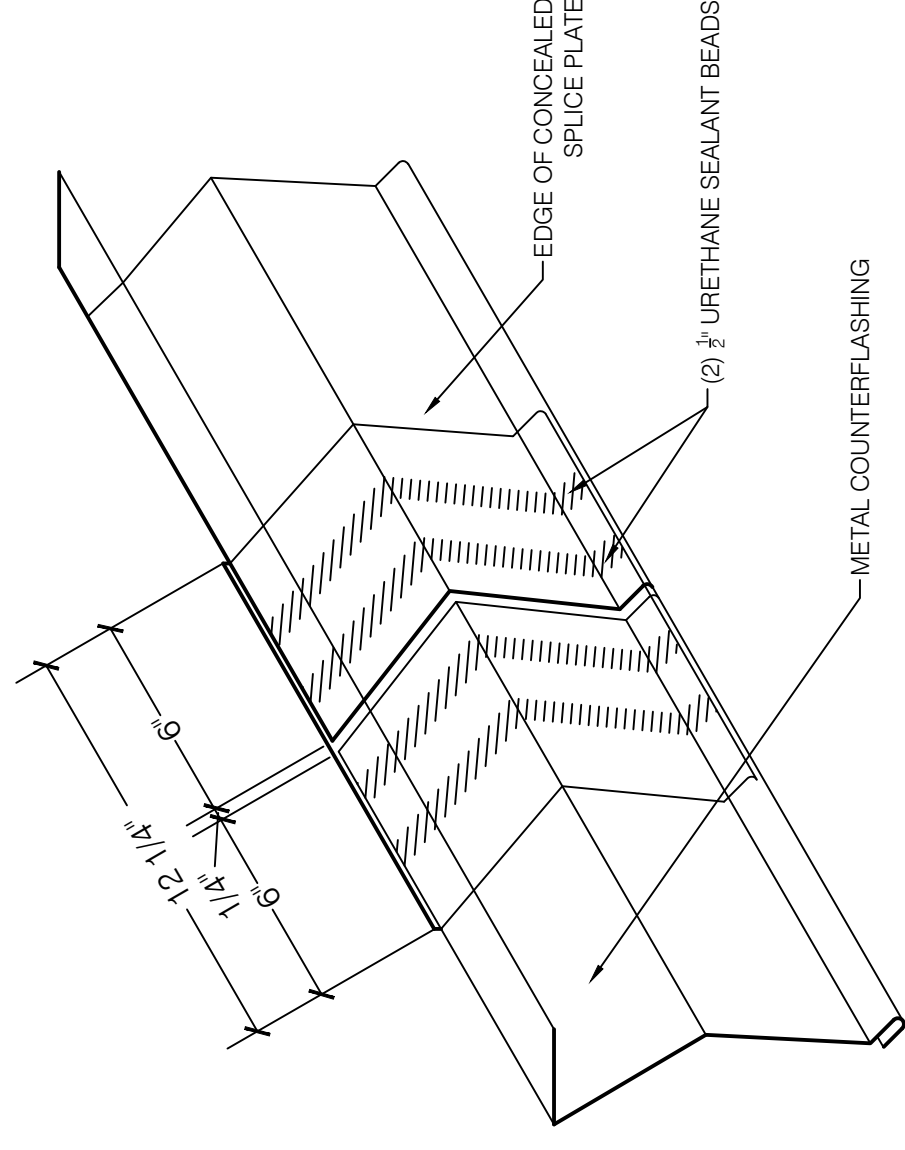


D SPLICE PLATE CONCEALED SEALANT BEAD
SCALE: NTS
A-3.05

NOTE B/A-3.05: METAL CLEAT AND SUBSTRATE MATERIALS NOT SHOWN FOR CLARITY.

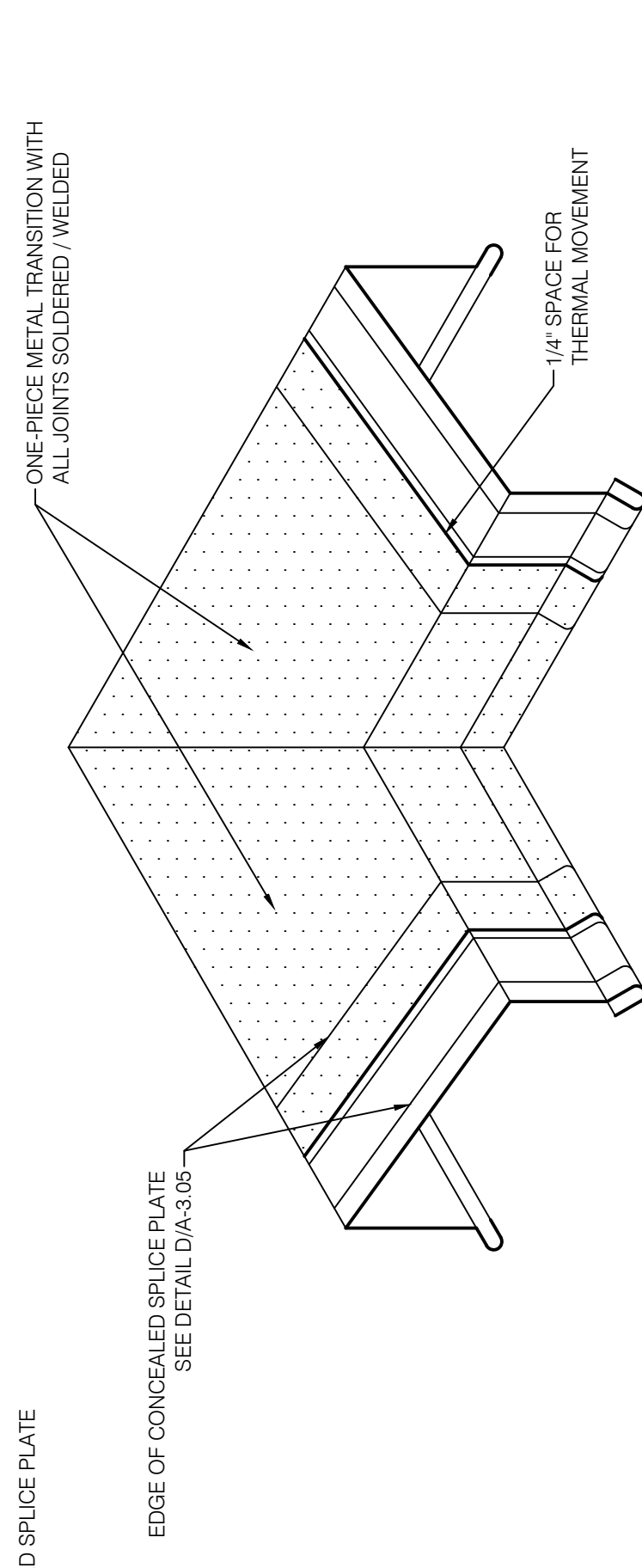


B COPING INSIDE CORNER ISOMETRIC
SCALE: NTS
A-3.05

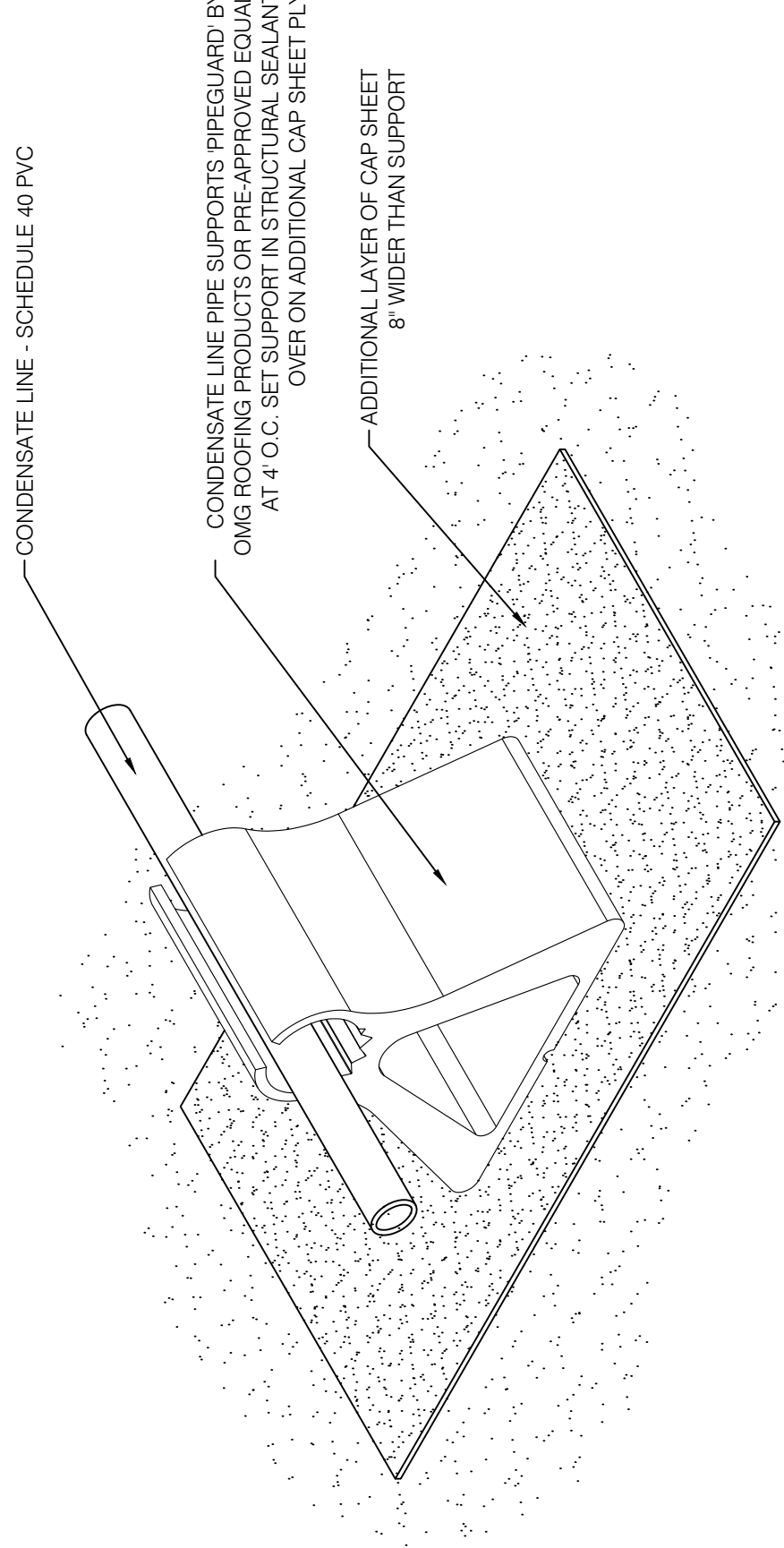


E COUNTER-FLASHING END JOINT SPLICE PLATE DETAIL
SCALE: NTS
A-3.05

NOTE C/A-3.05: METAL CLEAT AND SUBSTRATE MATERIALS NOT SHOWN FOR CLARITY.

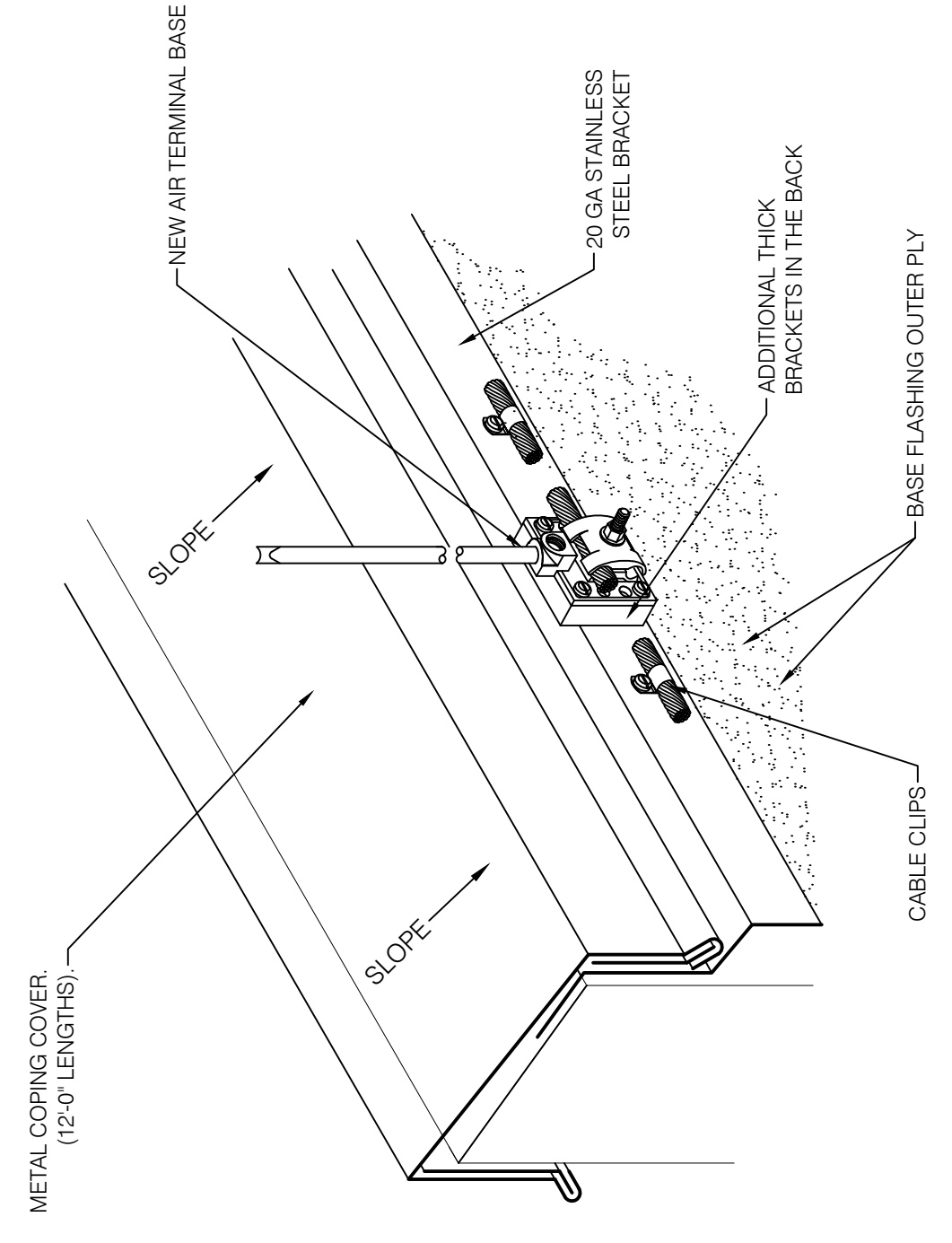


C COPING OUTSIDE CORNER ISOMETRIC
SCALE: NTS
A-3.05

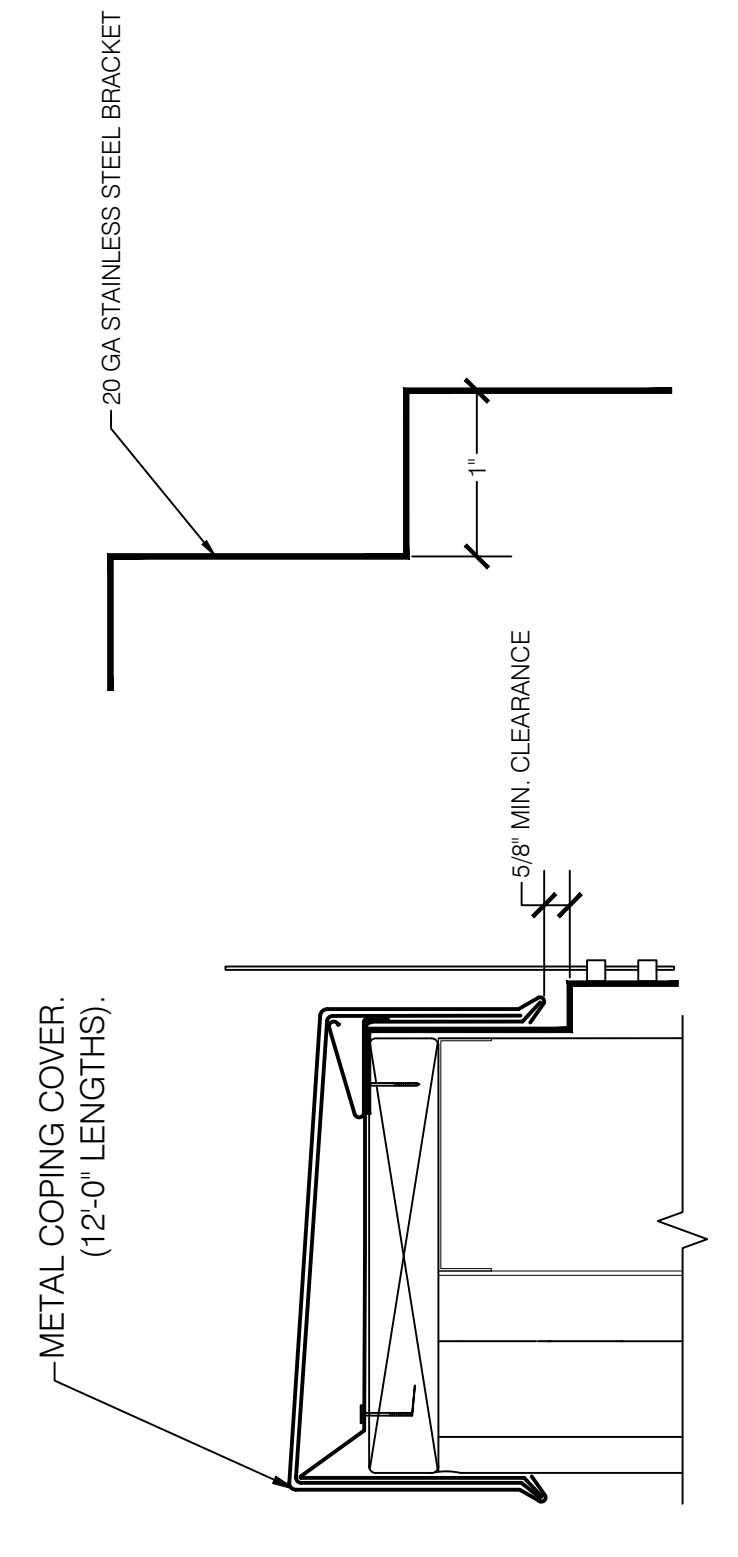


F CONDUIT SUPPORT DETAIL
SCALE: NTS
A-3.05

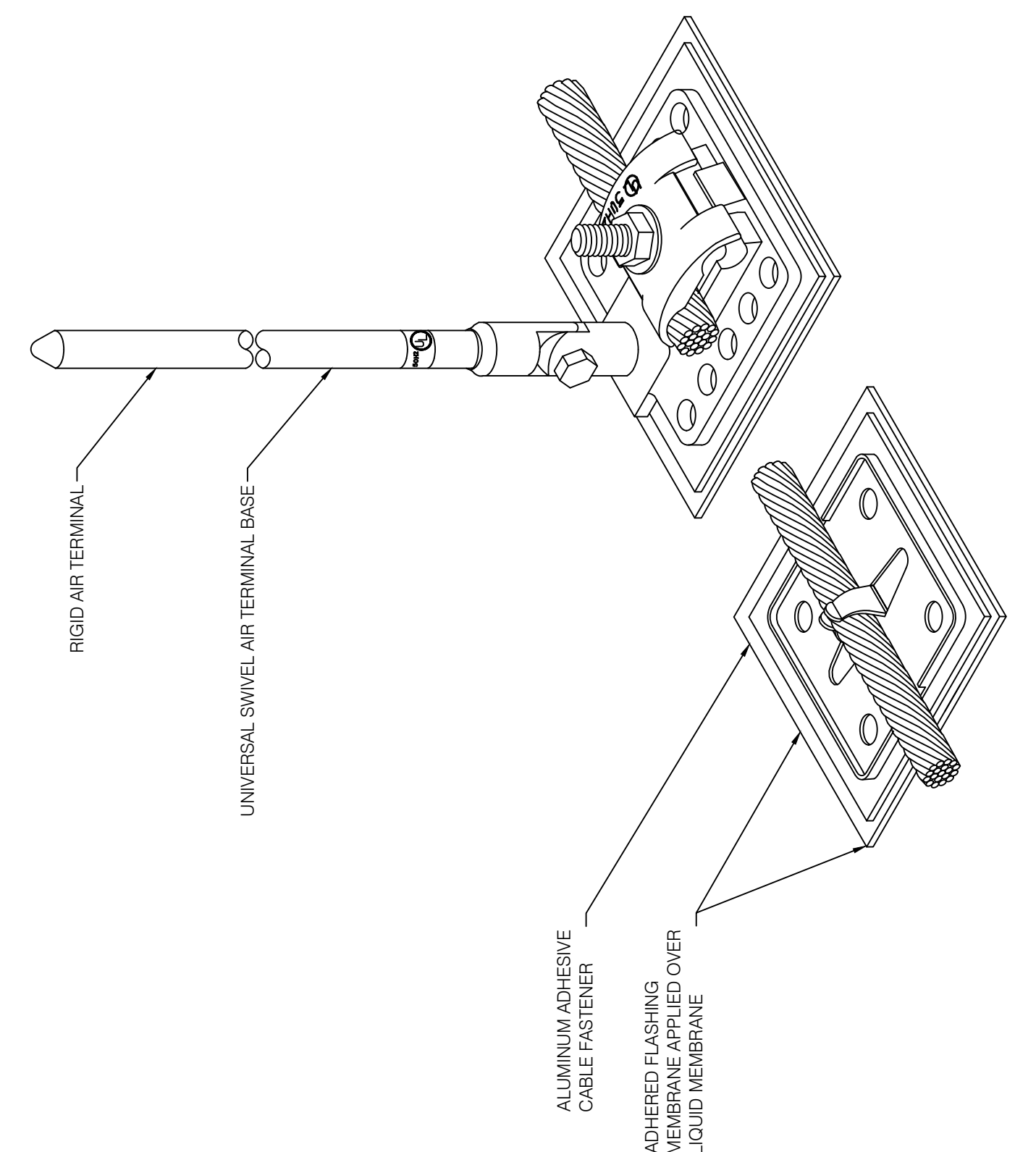
NOTES:
A. ALL JOINED CONNECTIONS OF NEW AND EXISTING LIGHTNING PROTECTION COMPONENTS SHALL BE IN ACCORDANCE TO NFPA 790.
B. CONFIRM LIGHTNING PROTECTION MATERIAL COMPONENTS COMPATIBILITY WITH NEW MEMBRANE. REPLACE ALL INCOMPATIBLE LIGHTNING PROTECTION MATERIAL COMPONENTS WITH COMPONENTS THAT WILL BE COMPATIBLE WITH THE NEW MEMBRANE.
C. LIGHTNING PROTECTION NOT TO BE FASTENED THROUGH ROOFING MEMBRANE



H LIGHTNING PROTECTION AIR TERMINAL WALL MOUNTED BRACKET ISOMETRIC
SCALE: NTS
A-3.05



G LIGHTNING PROTECTION AIR TERMINAL BRACKET OPTIONS
SCALE: NTS
A-3.05



I LIGHTNING PROTECTION BASE DETAIL
SCALE: NTS
A-3.05

MATERIAL COMPONENT SCHEDULE

LIGHTWEIGHT INSULATING CONCRETE

SPECIFICATION SECTION 05222 PERIMETRIC MATERIAL - PORTLAND CEMENT, ASTM C 150/C 150M, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN: SPLAST INSULATING SYSTEMS.

SBS MODIFIED BITUMINOUS ROOFING

SPECIFICATION SECTION 07520.00
CAP SHEET: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: PARADIGNE 20TG MANUFACTURED BY SPLAST.
BASE SHEET: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, PARADIGNE 20TG MANUFACTURED BY SPLAST. BASIS OF DESIGN: PARADIGNE 20TG MANUFACTURED BY SPLAST.
BASE FLASHING - INNER PLY: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN: PARADIGNE 20TG MANUFACTURED BY SPLAST.
BASE FLASHING - OUTER PLY: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: PARADIGNE 30 FT 1G MANUFACTURED BY SPLAST.
CANT STRIP: HIGH-DENSITY, LAMINATED PERITE BOARD.
LIQUID-APPLIED FLASHING: A POLYESTER REINFORCED PMMA BASED FLASHING SYSTEM BY ROOF-MEMBRANE MANUFACTURER.
ROOF TRAFFIC PADS: SBS MODIFIED BITUMEN WITH GRANULATED SURFACE FOR CONTRAST TO THE CAP SHEET. COLOR TO BE SELECTED BY OWNER.
SELF-ADHERED UNDERLAYMENT: 040\"/>

STANDING SEAM METAL PANEL ROOFING

SPECIFICATION SECTION 07613
METAL PANELS: 0.040\"/>

SHEET METAL FLASHING AND TRIM

SPECIFICATION SECTION 07923
CONCEALED SPLICE PLATE: 0.050\"/>

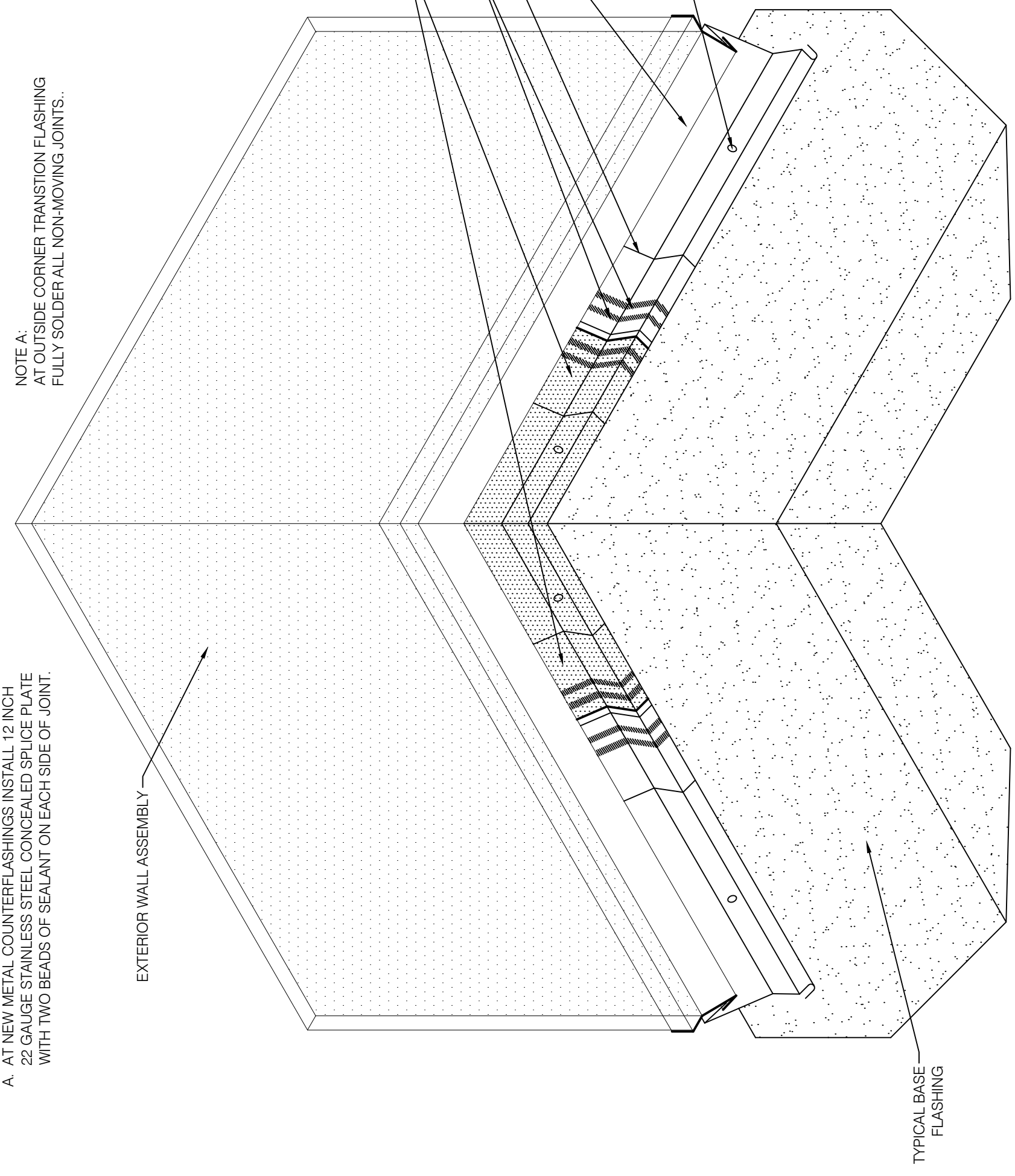
ROOF ACCESSORIES

EQUIPMENT CURB: 14 GAUGE GALVANIZED STEEL, 090.
ROOF SCUTTLES
SPECIFICATION SECTION 07923
ROOF HATCH: BASIS OF DESIGN: BILCO, TYPE \"S-507R\" ENHANCED PERFORMANCE ALUMINUM ROOF HATCH WITH INSULATION CURB LINER.

JOINT SEALANTS

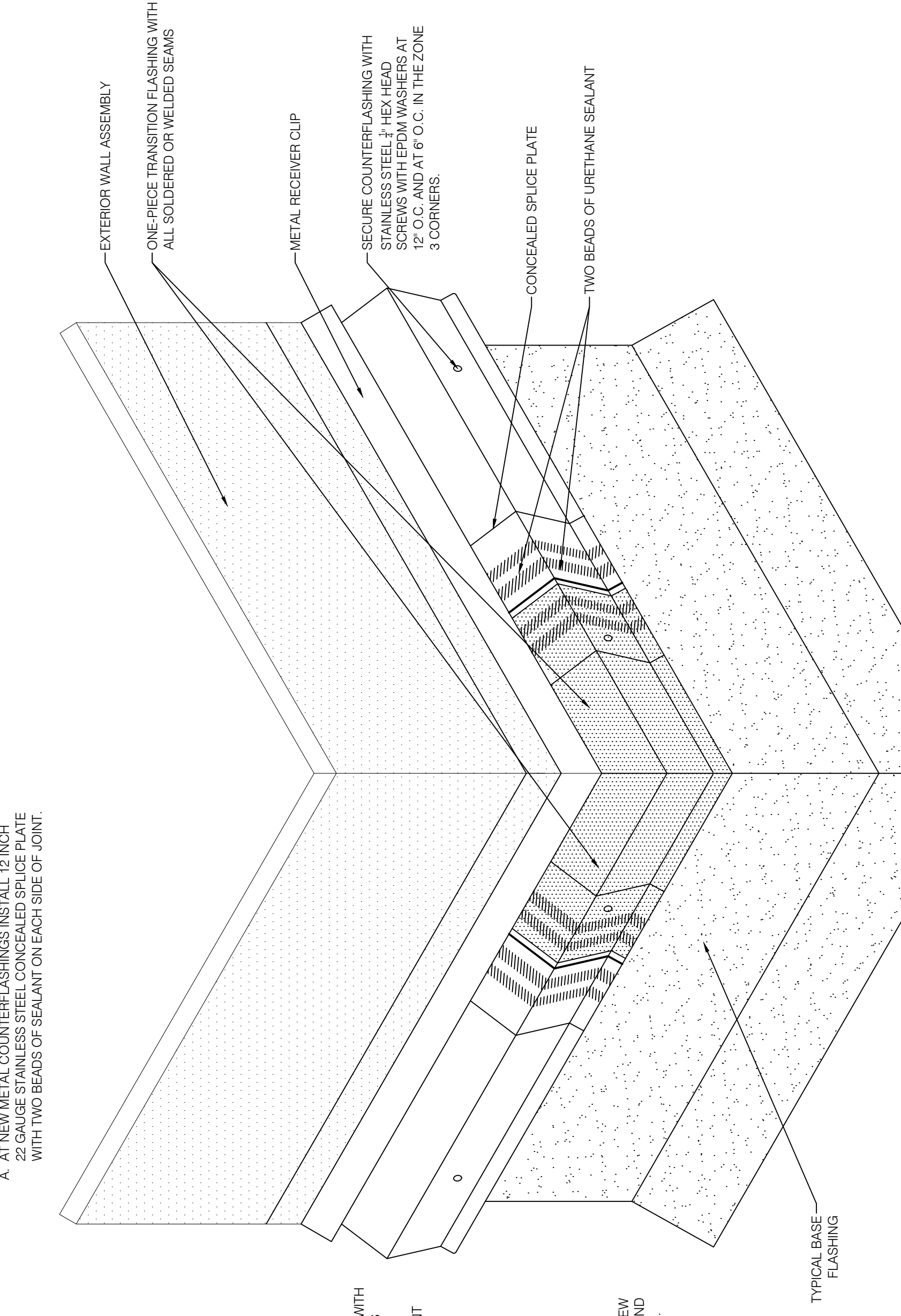
SPECIFICATION SECTION 07920.00
BACKER ROD: CLOSED-CELL BACKER ROD.
BUTYL SEALANT: ONE-PART GUN GRADE, BUTYL-RUBBER BASED JOINT SEALANT, ASTM C 1311.
SILICONE SEALANT: SINGLE-COMPONENT, NONSAG, NEUTRAL CURING SILICONE JOINT SEALANT, ASTM D 990, TYPE S, GRADE NS, MANUFACTURED BY DOW CORNING.
SEALANT TAPE: 1\"/>

NOTE A-A-504:
A. AT NEW METAL COUNTERFLASHINGS INSTALL 12 INCH
22 GAUGE STAINLESS STEEL CONCEALED SPLICE PLATE
WITH TWO BEADS OF SEALANT ON EACH SIDE OF JOINT.

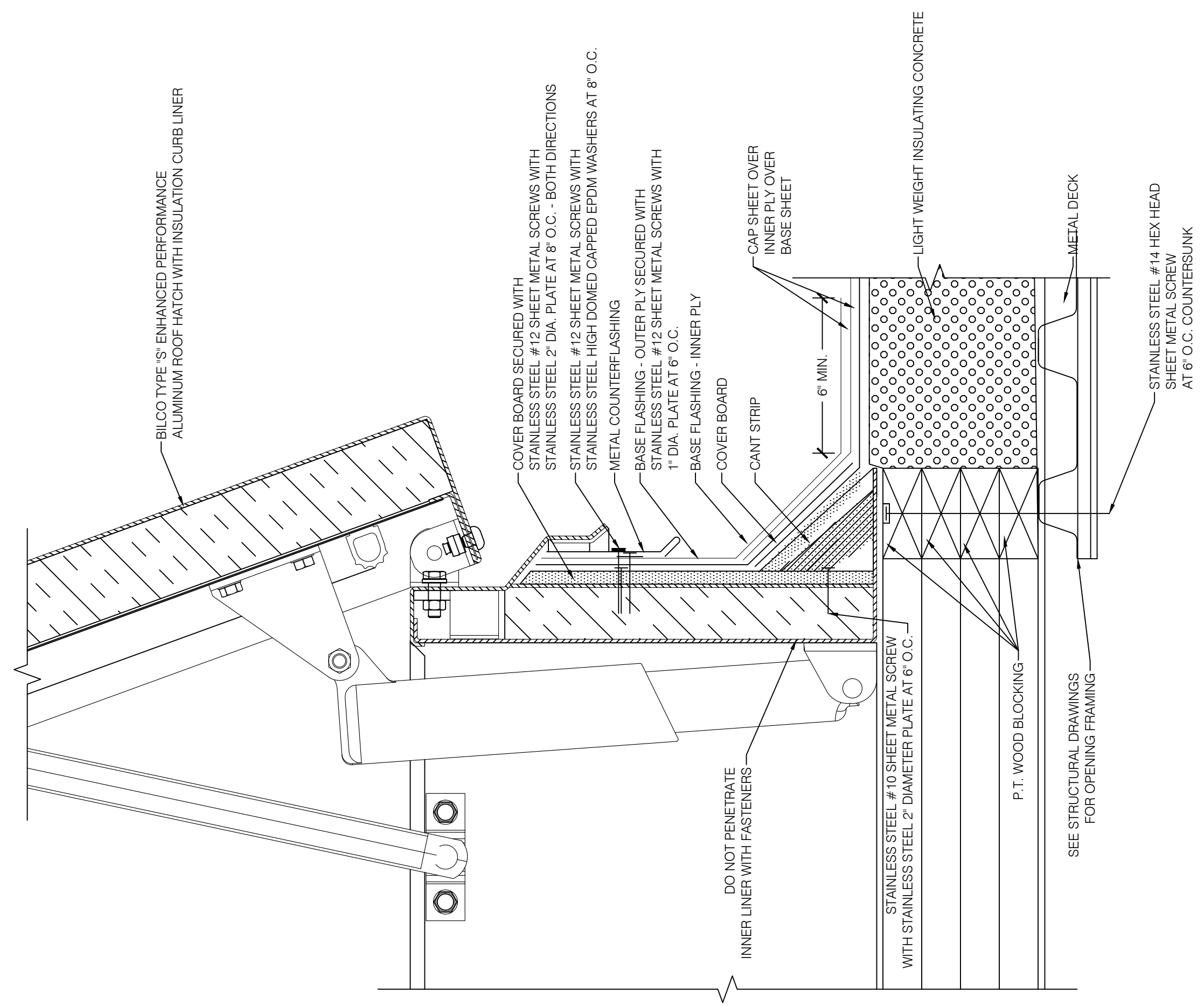


A COUNTER-FLASHING INSIDE CORNER
SCALE: 1/8\"/>

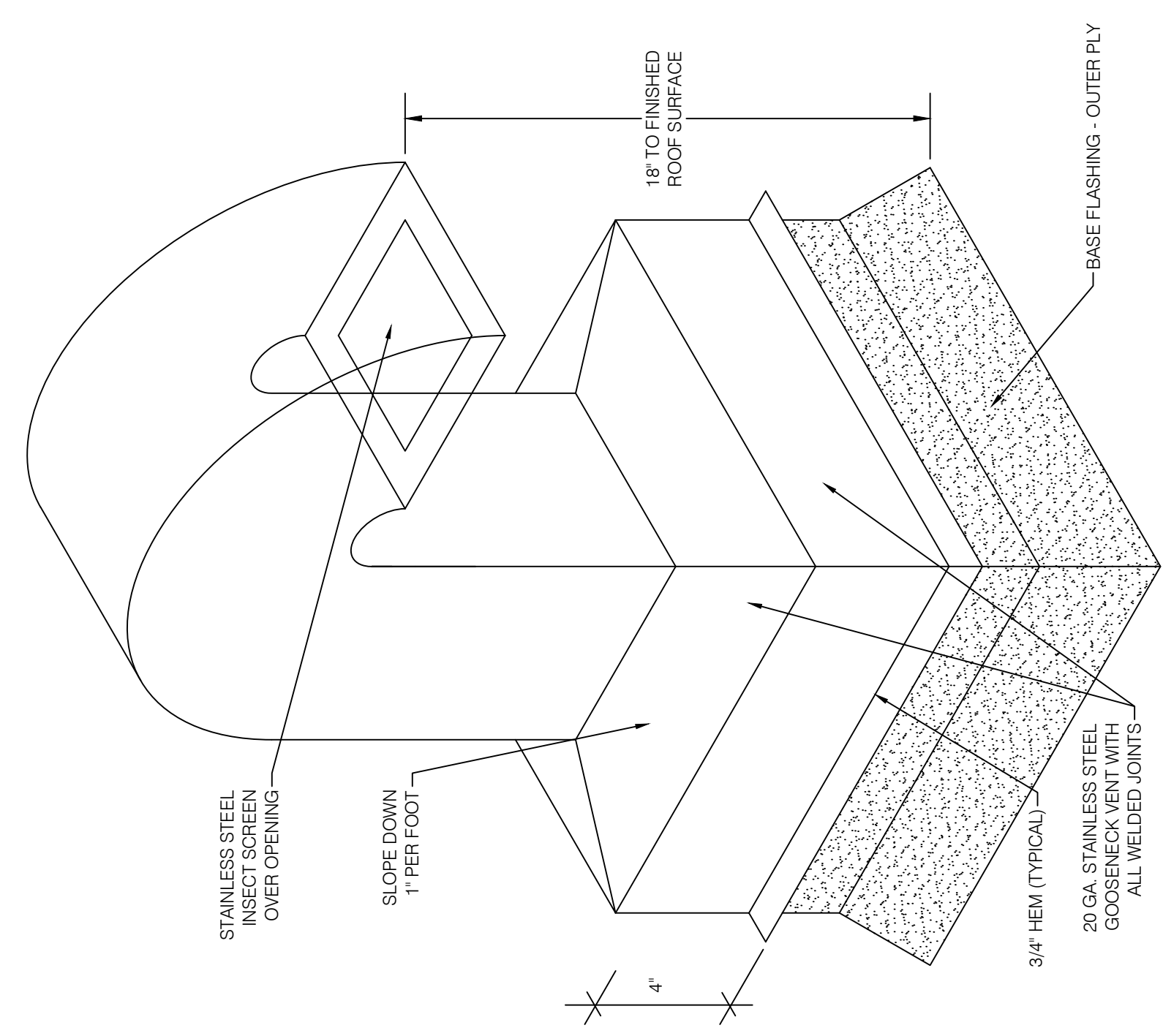
NOTE B-B-504:
A. AT NEW METAL COUNTERFLASHINGS INSTALL 12 INCH
22 GAUGE STAINLESS STEEL CONCEALED SPLICE PLATE
WITH TWO BEADS OF SEALANT ON EACH SIDE OF JOINT.



B COUNTER-FLASHING OUTSIDE CORNER
SCALE: 1/8\"/>



C ROOF HATCH FLASHING DETAIL
SCALE: 1/8\"/>



D GOOSENECK VENT FLASHING ISOMETRIC
SCALE: 1/8\"/>

MATERIAL COMPONENT SCHEDULE

LIGHTWEIGHT INSULATING CONCRETE
SPECIFICATION SECTION 05820-01
CONCRETE, PERMEATION RESISTANT, PORTLAND CEMENT, ASTM C 150/C 150M, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN: SIPLAST INSULATING SYSTEMS.

SBS MODIFIED BITUMINOUS ROOFING
SPECIFICATION SECTION 07520-00

CAP SHEET: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: PARADIGNE 30 FT T²G MANUFACTURED BY SIPLAST.

BASE SHEET: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN: PARADIGNE 20 T²G MANUFACTURED BY SIPLAST.

BASE FLASHING - INNER PLY: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN: PARADIGNE 20 T²G MANUFACTURED BY SIPLAST.

BASE FLASHING - OUTER PLY: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: PARADIGNE 30 FT T²G MANUFACTURED BY SIPLAST.

CANT STRIP: HIGH-DENSITY, LAMINATED PERITE BOARD. BASED FLASHING SYSTEM BY ROOF-MEMBRANE MANUFACTURER.

LIQUID-APPLIED FLASHING: A POLYESTER REINFORCED PMMA LIQUID-APPLIED FLASHING SYSTEM BY ROOF-MEMBRANE MANUFACTURER.

ROOF TRAFFIC PADS: SBS MODIFIED BITUMEN WITH GRANULATED SURFACE FOR CONTRAST TO THE CAP SHEET. COLOR TO BE SELECTED BY OWNER.

SELF-ADHERED UNDERLAYMENT: 040\"/>

STANDING SEAM METAL PANEL ROOFING
SPECIFICATION SECTION 076113

METAL PANELS: 0.040\"/>

SELF-ADHERED UNDERLAYMENT: 040\"/>

COVER BOARD: 1/2\"/>

SHEET METAL FLASHING AND TRIM
SPECIFICATION SECTION 076203

CONCEALED SPLICE PLATE: 0.050\"/>

METAL CLEAT: 22 GAGE STEEL GALVANIZED GR0.

METAL EDGE: 0.040\"/>

METAL SKIRT FLASHING: 22 GAGE STAINLESS STEEL, TYPE 316.

TERMINATION BAR: 1/8\"/>

DOWNSPOUTS: 0.050\"/>

ROOF ACCESSORIES
EQUIPMENT CURB: 14 GAGE GALVANIZED STEEL, G90.

ROOF SCUTTLES
SPECIFICATION SECTION 07223

ROOF HATCH: BASIS OF DESIGN: BILCO TYPE \"S-507R\" ENHANCED PERFORMANCE ALUMINUM ROOF HATCH WITH INSULATION CURB LINER.

JOINT SEALANTS SPECIFICATION SECTION 079200

BACKER ROD: CLOSED-CELL BACKER FROD.

BUTYL SEALANT: ONE-PART GUN GRADE, BUTYL-RUBBER BASED JOINT SEALANT, ASTM C 1311.

SILICONE SEALANT: SINGLE-COMPONENT, NONSAG, NEUTRAL CURING SILICONE JOINT SEALANT, ASTM C 920, TYPE S, GRADE NS, MANUFACTURED BY DOW CORNING.

SEALANT TAPE: 1\"/>

STRUCTURAL SEALANT: SINGLE-COMPONENT, MOISTURE CURING, GUN GRADE ADHESIVE, \"M-1\" MANUFACTURED BY CHEM LINK ENGINEERED SYSTEMS.

URETHANE SEALANT: SINGLE-COMPONENT, NONSAG, POLYURETHANE JOINT SEALANT, ASTM C 960, TYPE S, GRADE NS, CLASS 100/90, FOR USE INT. APPLIED TO PRIMED SURFACES.

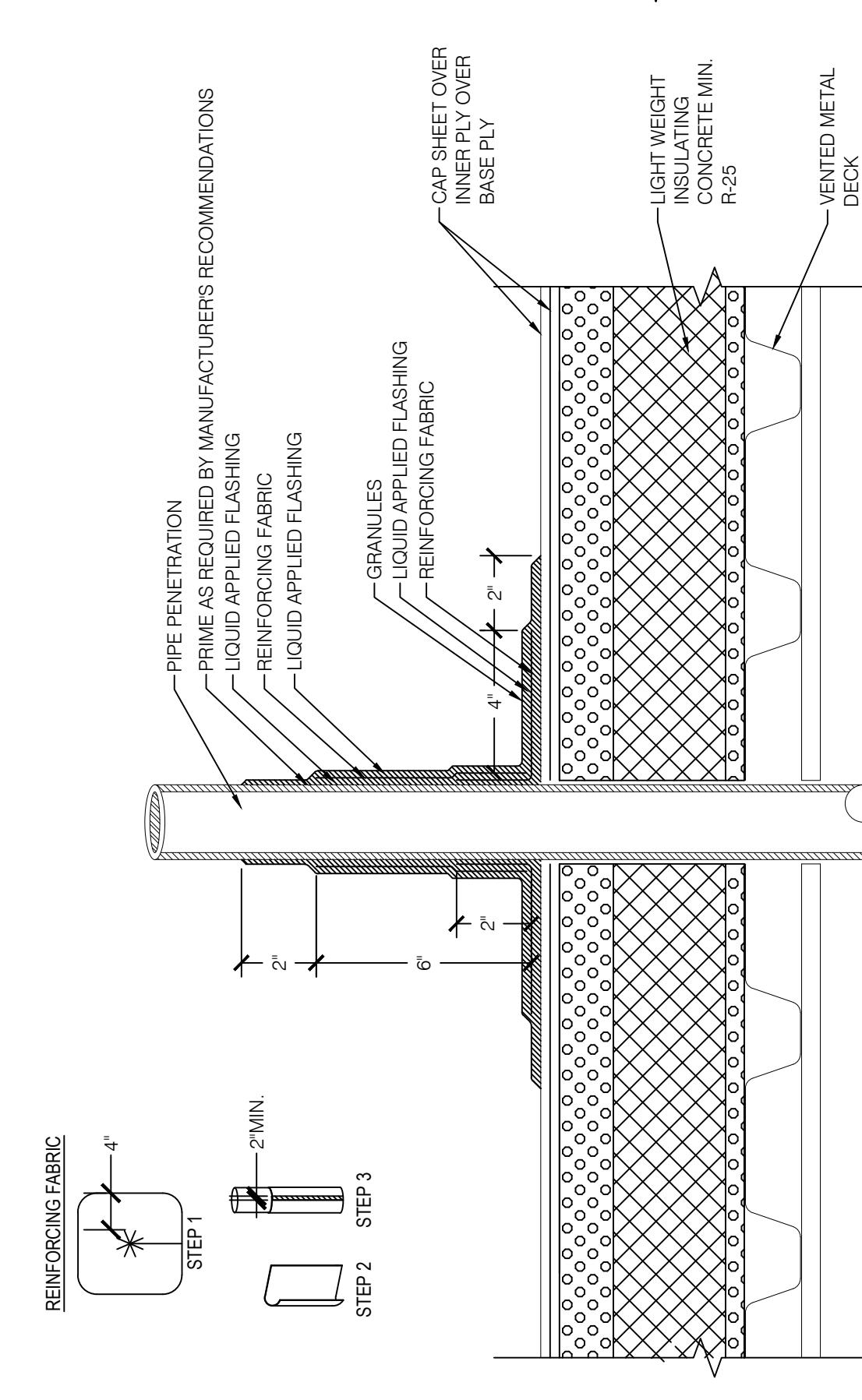


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DAVENPORT, FLORIDA 33837

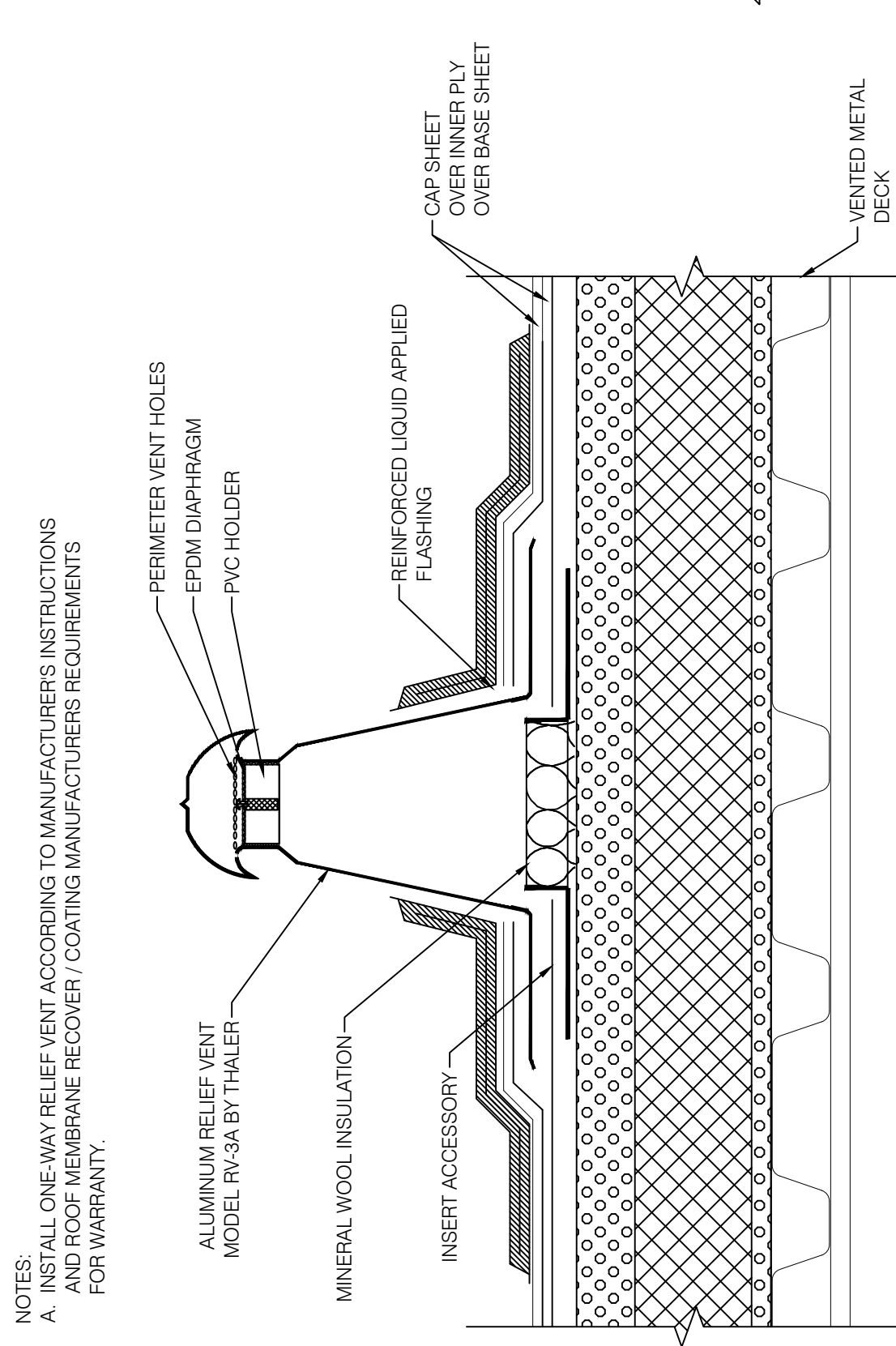
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Project: 21-23
USPS File Number: E5495
Date: 06/16/22
Revisions:

JOSE E. BLANCO - ARCHITECT
ARCHITECTURE / PLANNING / P.A. REG. 10013
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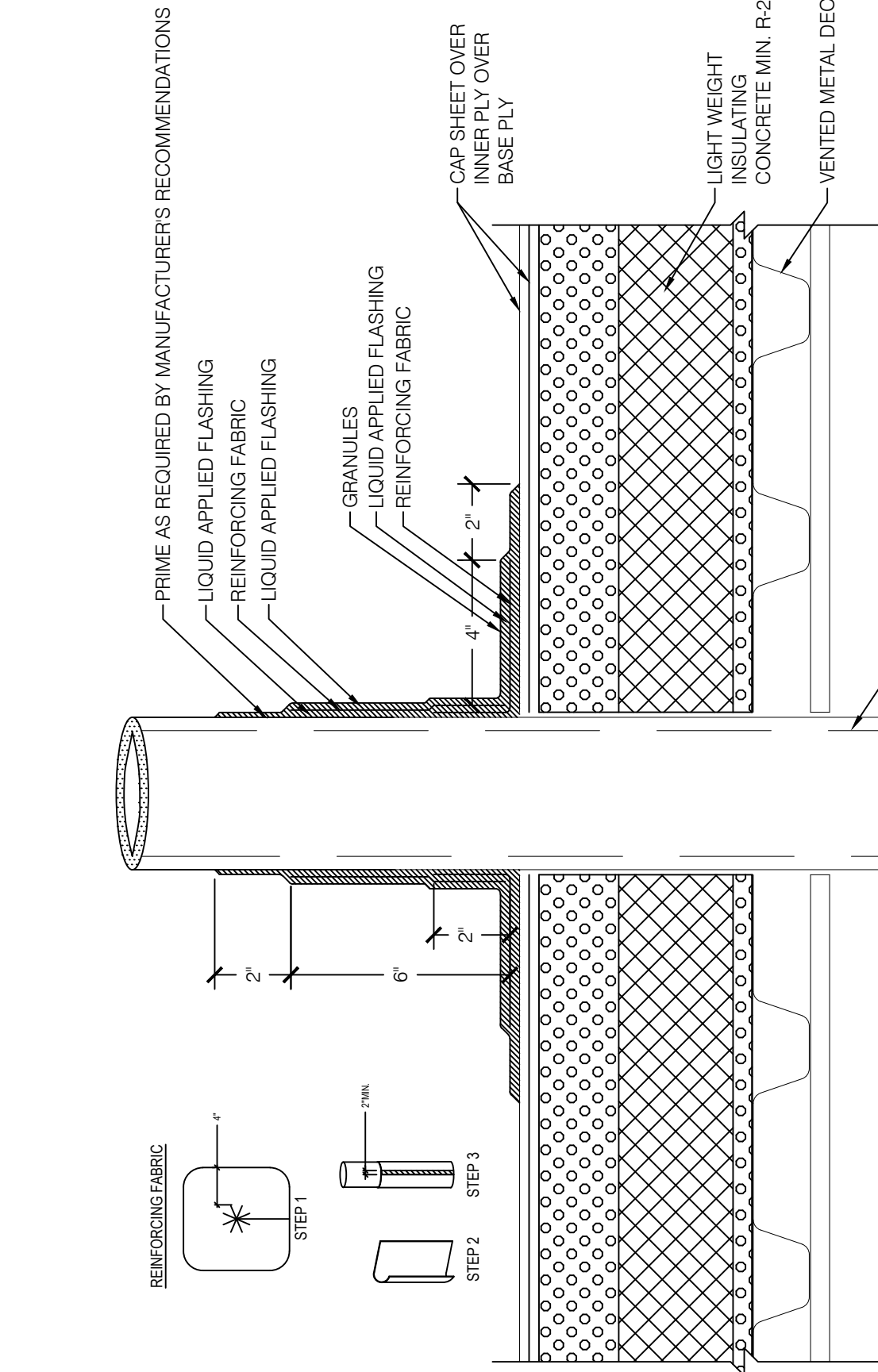
NOTES:
 A. INSTALL ONE-WAY RELIEF VENT ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND ROOF MEMBRANE RECOVER / COATING MANUFACTURER'S REQUIREMENTS FOR WARRANTY.



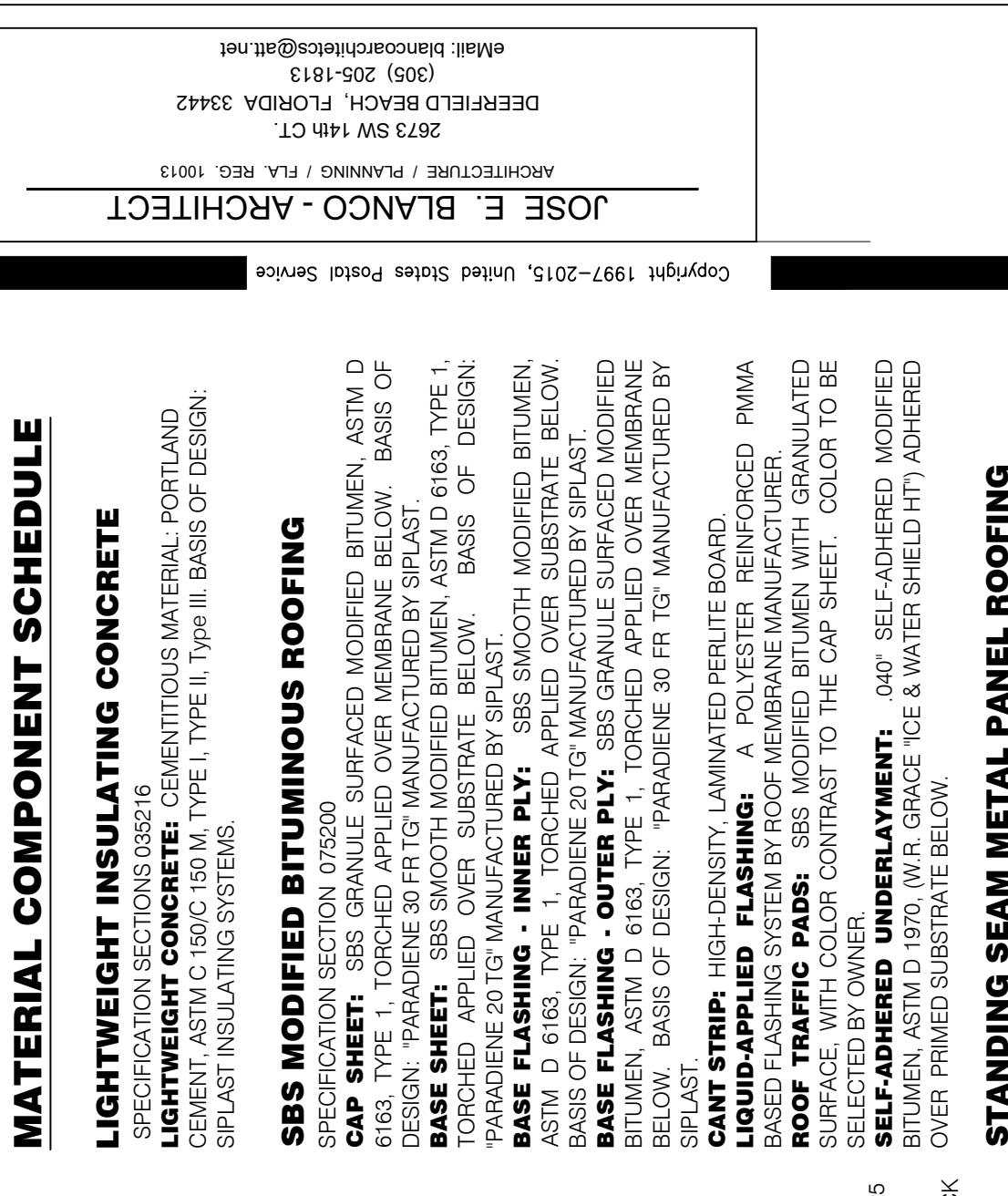
A PIPE PENETRATION FLASHING
 SCALE: 1/8" = 1'-0"
 A-3/07



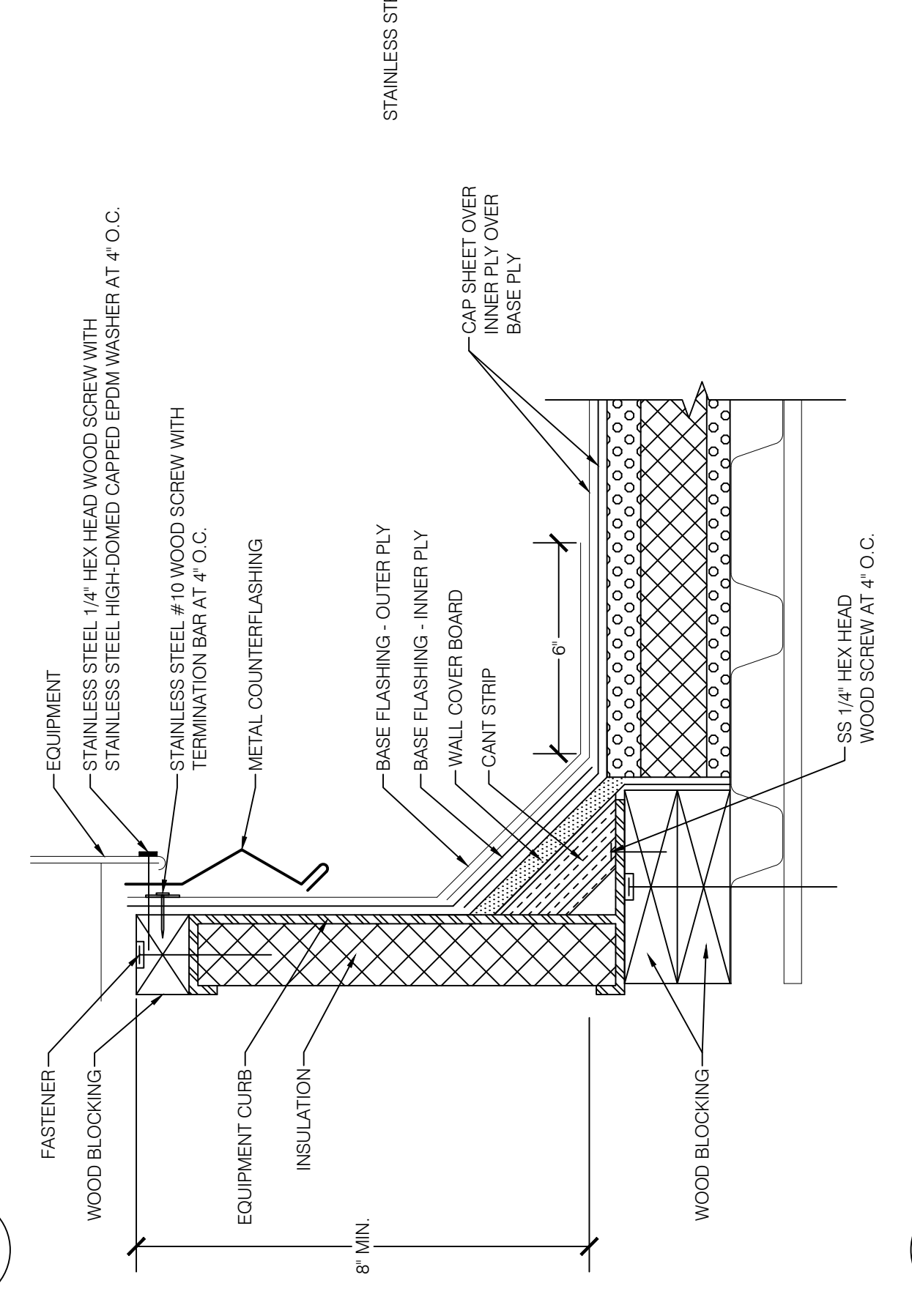
B DECK VENT FLASHING SECTION
 SCALE: 1/8" = 1'-0"
 A-3/07



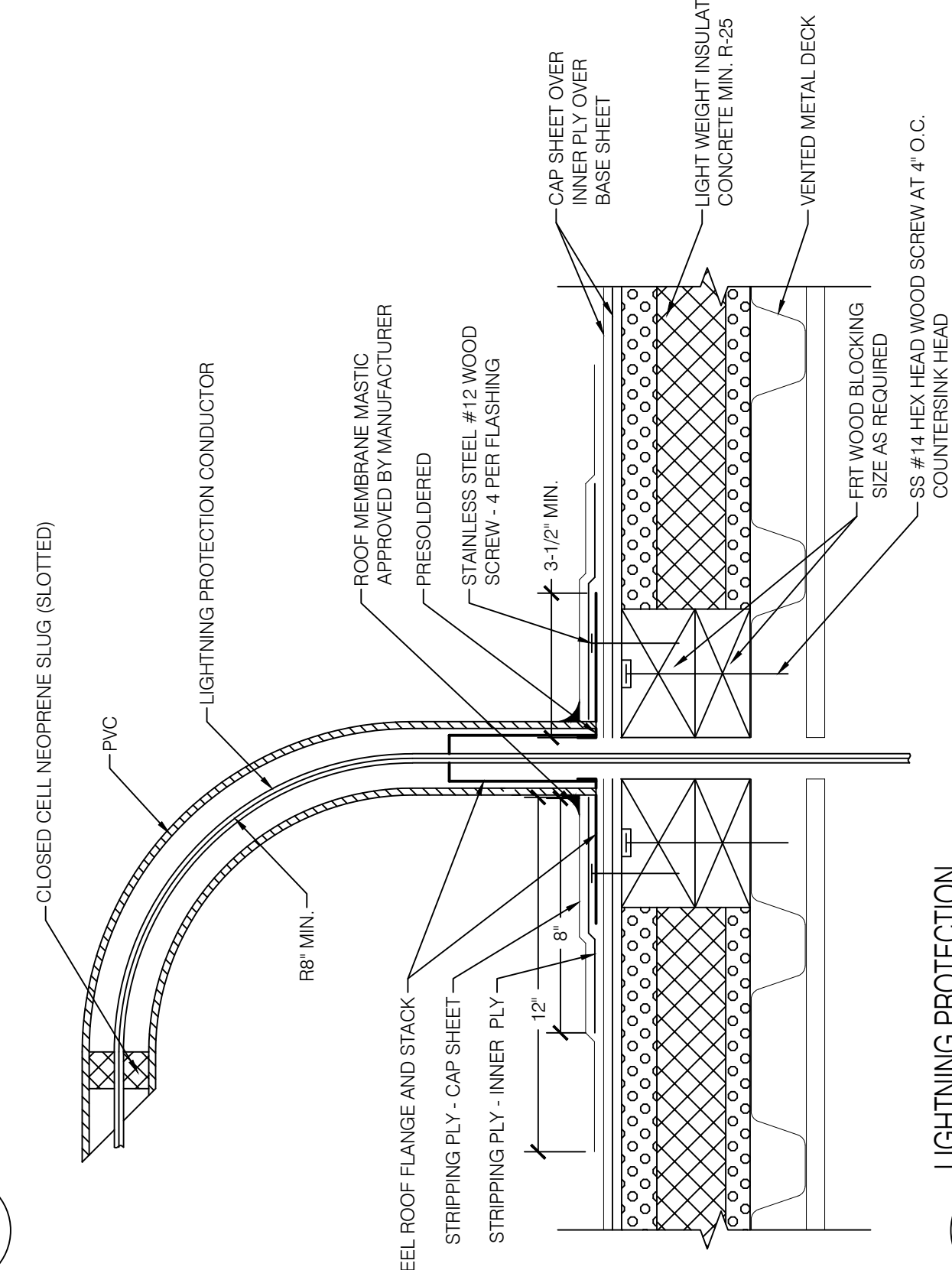
C PLUMBING VENT FLASHING SECTION
 SCALE: 1/8" = 1'-0"
 A-3/07



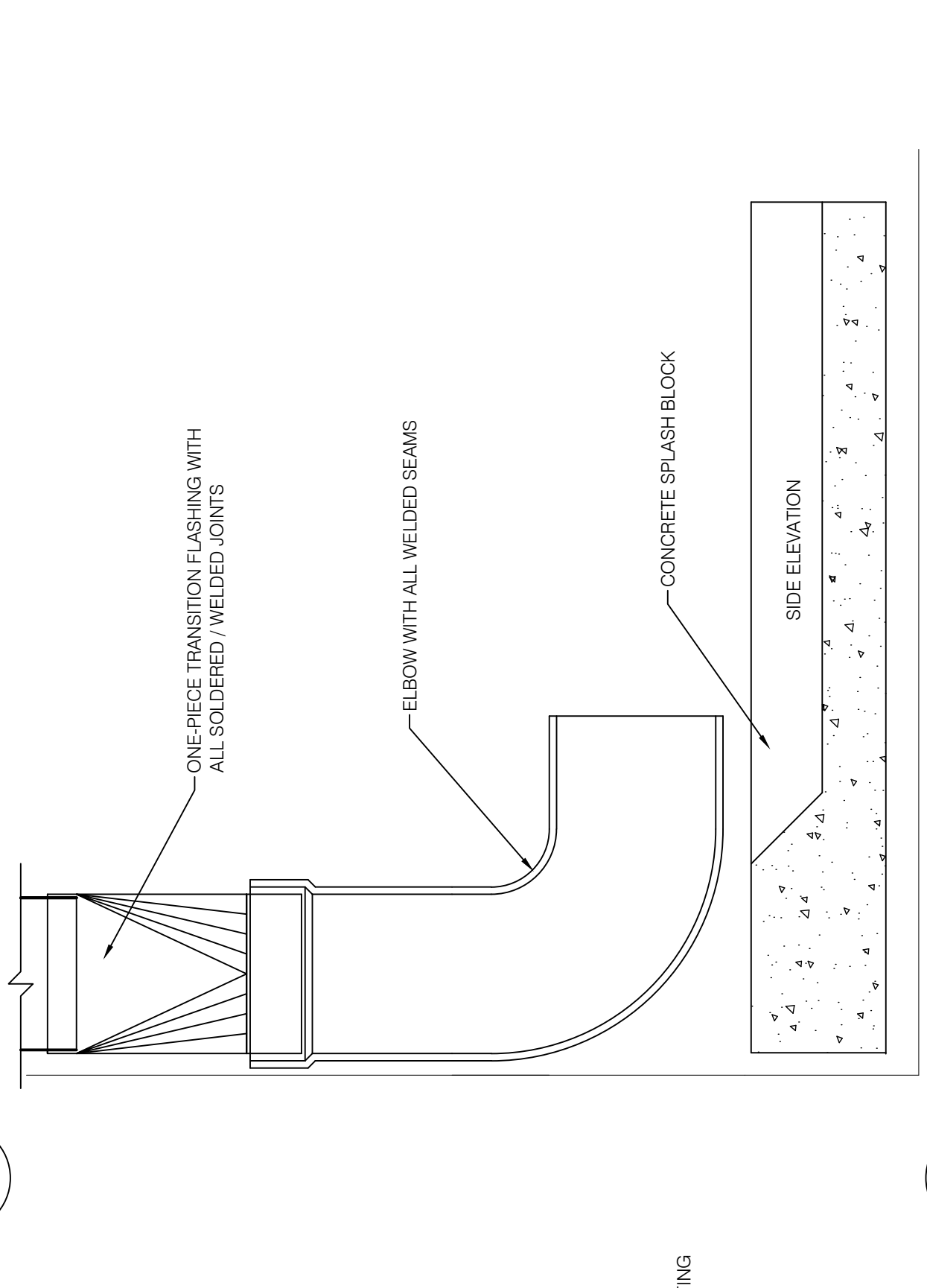
D EQUIPMENT CURB FLASHING
 SCALE: 1/8" = 1'-0"
 A-3/07



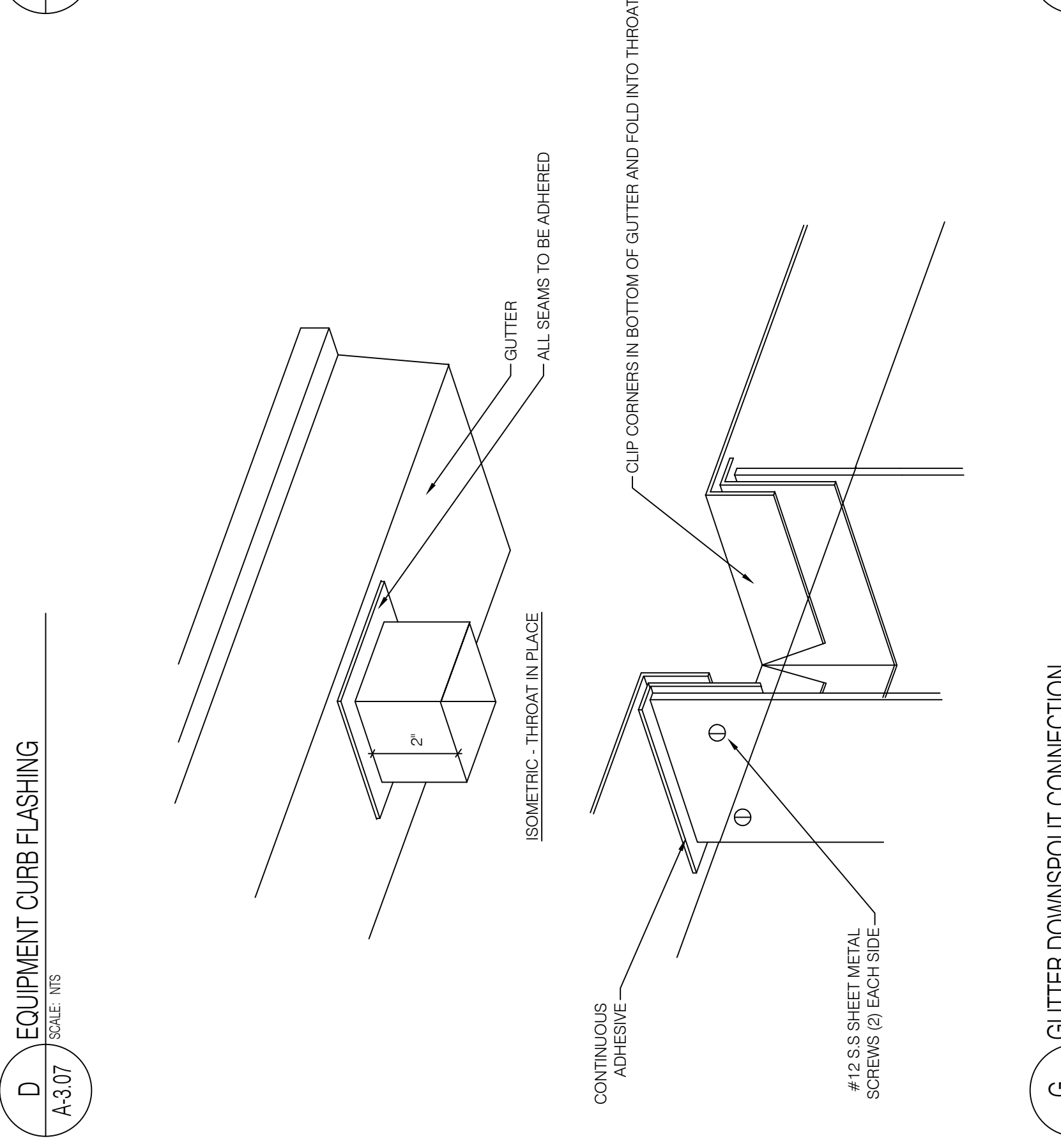
E LIGHTNING PROTECTION THROUGH ROOF PENETRATION
 SCALE: 1/8" = 1'-0"
 A-3/07



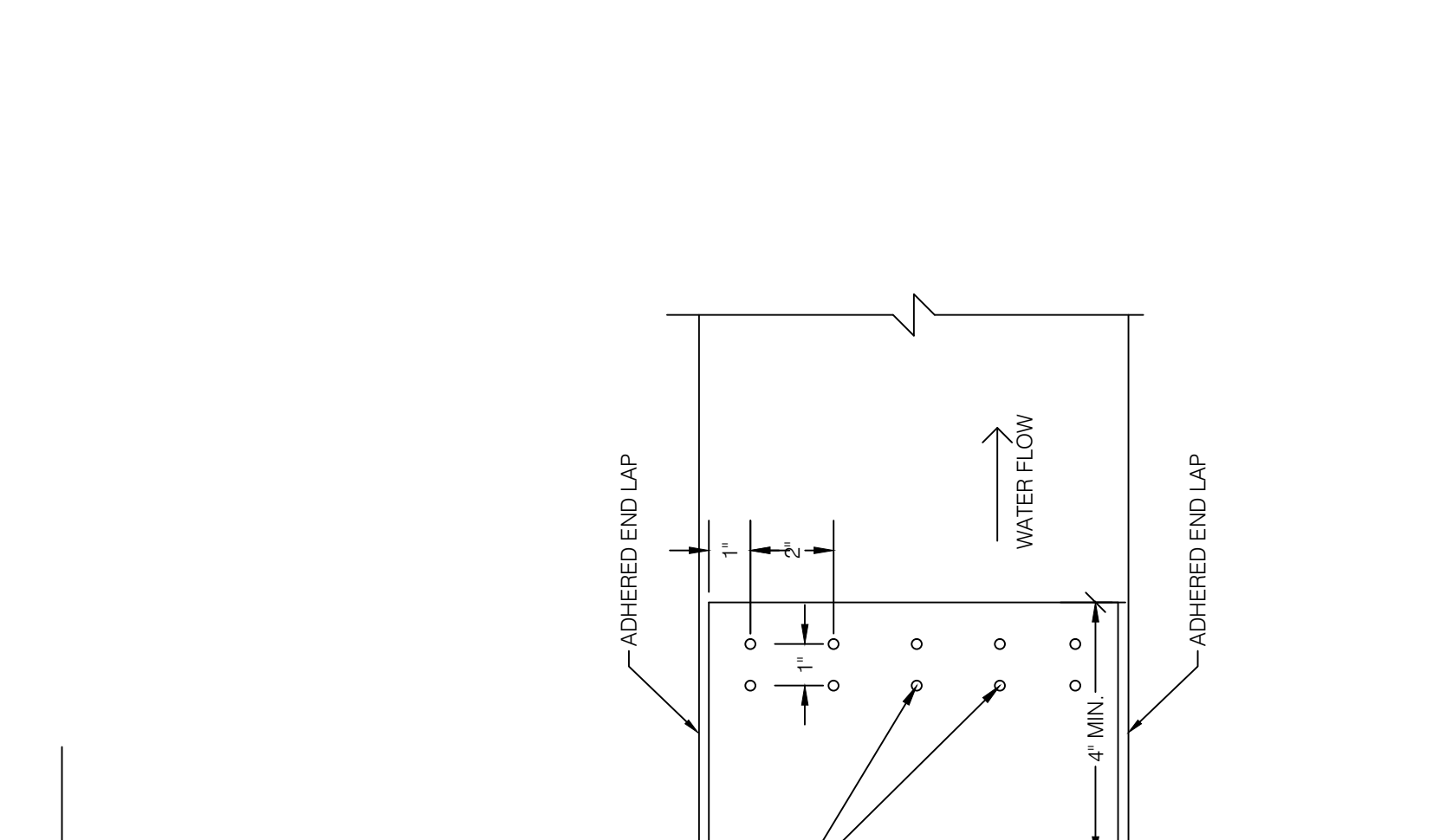
F DOWNSPOUT TRANSITION AT SPLASH BLOCK
 SCALE: 1/8" = 1'-0"
 A-3/07



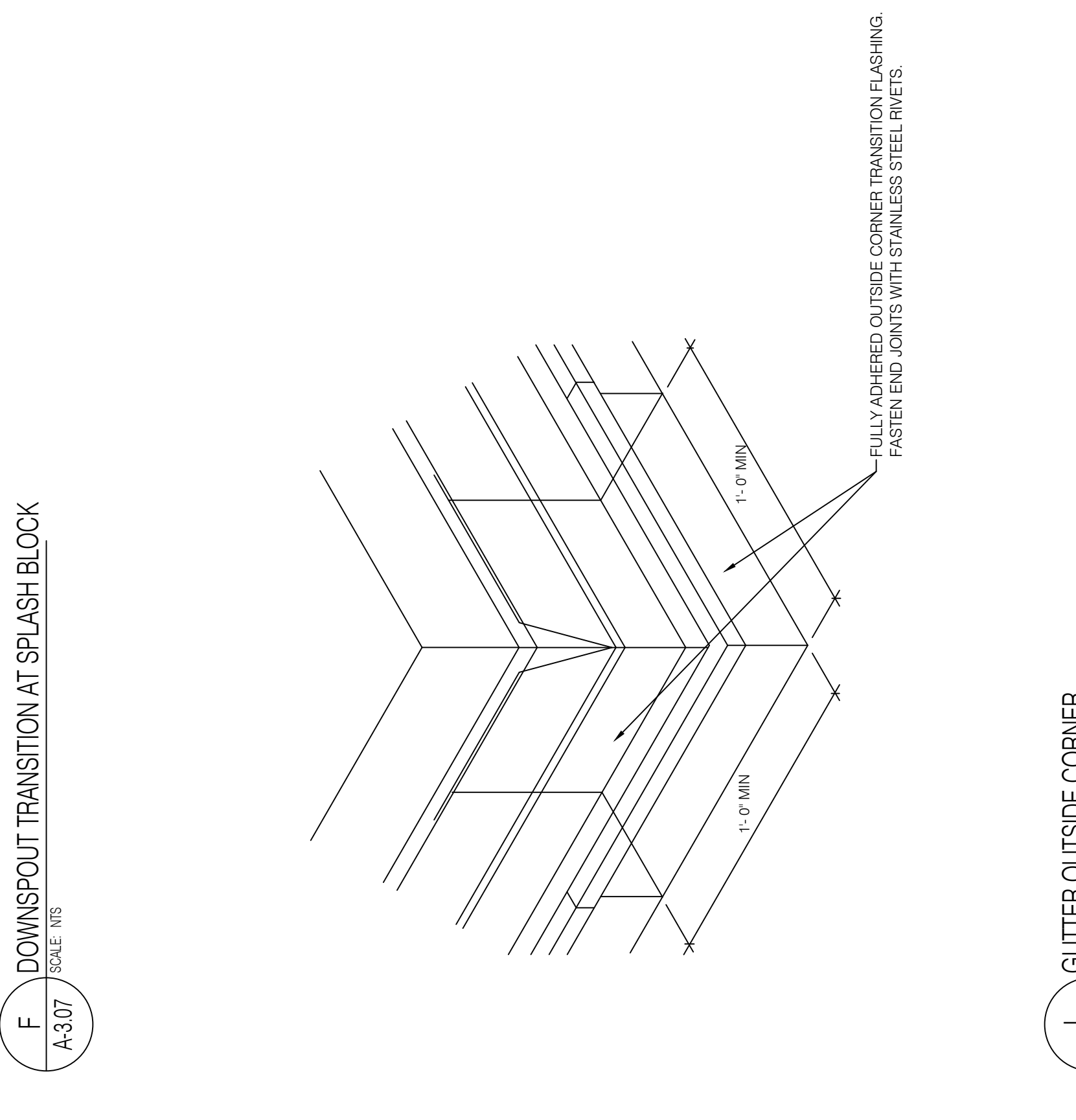
G GUTTER DOWNSPOUT CONNECTION
 SCALE: 1/8" = 1'-0"
 A-3/07



H GUTTER END LAP DETAIL
 SCALE: 1/8" = 1'-0"
 A-3/07



I GUTTER OUTSIDE CORNER
 SCALE: 1/8" = 1'-0"
 A-3/07



J DOWNPOUT TRANSITION AT SPLASH BLOCK
 SCALE: 1/8" = 1'-0"
 A-3/07

MATERIAL COMPONENT SCHEDULE
LIGHTWEIGHT INSULATING CONCRETE
 SPECIFICATION SECTION 0525-0250: PERIMETRICUS MATERIAL - PORTLAND CEMENT, ASTM C 150/C 150M, TYPE I, TYPE II, Type III, BASIS OF DESIGN: SIPLAST INSULATING SYSTEMS.
SBS MODIFIED BITUMINOUS ROOFING
 SPECIFICATION SECTION 075200
CAP SHEET: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: "PARADIGNE 30 FT" MANUFACTURED BY SIPLAST. (SBS)
BASE SHEET: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, "PARADIGNE 20 FT" MANUFACTURED BY SIPLAST. BASIS OF DESIGN: "PARADIGNE 20 FT" MANUFACTURED BY SIPLAST.
BASE FLASHING - INNER PLY: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN: "PARADIGNE 20 FT" MANUFACTURED BY SIPLAST.
BASE FLASHING - OUTER PLY: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: "PARADIGNE 30 FT" MANUFACTURED BY SIPLAST.
CANT STRIP: HIGH-DENSITY, LAMINATED PERLITE BOARD.
LIQUID-APPLIED FLASHING: A POLYESTER REINFORCED PMMA BASED FLASHING SYSTEM BY ROOF-MEMBRANE MANUFACTURER.
ROOF TRAFFIC PADS: SBS MODIFIED BITUMEN WITH GRANULATED SURFACE FOR CONTRAST TO THE CAP SHEET. COLOR TO BE SELECTED BY OWNER.
SELF-ADHERED UNDERLAYMENT: 040" SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W/R GRACE ICE & WATER SHIELD HT) ADHERED OVER PRIMED SUBSTRATE BELOW.
STANDING SEAM METAL PANEL ROOFING
 SPECIFICATION SECTION 076113
METAL PANELS: 0.040" ALUMINUM, 1.6" WIDE DOUBLE LOCK STANDING SEAM METAL PANELS. BASIS OF DESIGN: "TIE-LOC PLUS" BY PETERSEN ALUMINUM.
SELF-ADHERED UNDERLAYMENT: 040" SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W/R GRACE ICE & WATER SHIELD HT) ADHERED OVER PRIMED SUBSTRATE BELOW.
COVER BOARD: 1/2" GYPSUM ROOF BOARD WITH FIBERGLASS MATS. BASIS OF DESIGN: "DENSDECK PRIME" MANUFACTURED BY GEORGIA PACIFIC.
SHEET METAL FLASHING AND TRIM
 SPECIFICATION SECTION 076203
CONCEALED SPLICE PLATE: 0.050" ALUMINUM, COLOR MATCH METAL EDGE.
METAL CLEAT: 22 GAGE STEEL GALVANIZED GRN.
METAL EDGE: 0.040" ALUMINUM, COLOR SELECTED BY OWNER.
METAL SKIRT FLASHING: 22 GAGE STAINLESS STEEL, TYPE 316, 1/4" WIDE, 1/4" THICK, 1/4" RADIUS. COLOR SELECTED BY OWNER. SOLDERED WELDED FOR ALL NON-MOVING JOINTS.
TERMINATION BAR: 1/8" THICK X 1" WIDE STAINLESS STEEL.
GUTTERS: 0.040" ALUMINUM, COLOR SELECTED BY OWNER.
DOWNSPOUTS: 0.050" ALUMINUM, COLOR SELECTED BY OWNER.
ROOF ACCESSORIES
EQUIPMENT CURB: 14 GAGE GALVANIZED STEEL, G90.
ROOF SCUTTLES
 SPECIFICATION SECTION 072933
ROOF HATCH: BASIS OF DESIGN: BILCO TYPE "S-501R" ENHANCED PERFORMANCE ALUMINUM ROOF HATCH WITH INSULATION CURB LINER.
JOINT SEALANTS SPECIFICATION SECTION 079200
BACKER ROD: CLOSED-CELL BACKER ROD.
BUTYL SEALANT: ONE-PART GUN GRADE BUTYL-RUBBER BASED JOINT SEALANT, ASTM C 1311.
SILICONE SEALANT: SINGLE-COMPONENT, NONSAG, NEUTRAL CURING SILICONE JOINT SEALANT, ASTM D 990, TYPE S, GRADE NS, 100% SOLID, 1.1" WIDE BUTYL SEALANT TAPE, APPLIED BETWEEN METAL SURFACES AND UNDERLYING SURFACE.
SEALANT TAPE: 1" WIDE BUTYL SEALANT TAPE, APPLIED BETWEEN METAL SURFACES AND UNDERLYING SURFACE.
STRUCTURAL SEALANT: SINGLE-COMPONENT, MOISTURE CURING, GUN GRADE ADHESIVE, "M-1" MANUFACTURED BY CHEM LINK ENGINEERED SYSTEMS.
ADHESIVE: SINGLE-COMPONENT, NONSAG, POLYURETHANE JOINT SEALANT, ASTM C 960, TYPE S, GRADE NS, CLASS 100/90, FOR USE NT, APPLIED TO PRIMED SURFACES.

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 Date: 06/16/22
 Revisions:
 Project: 21-23
 USPS File Number: E5493

A3.07

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BUILDING DESIGN STANDARDS. 10/1/2019

MATERIAL COMPONENT SCHEDULE

LIGHTWEIGHT INSULATING CONCRETE
 SPECIFICATION SECTIONS 052216
 CONCRETE, INSULATING
 CELESTON, TYPE II, TYPE II, TYPE II, TYPE III, BASIS OF DESIGN:
 SPLAST INSULATING SYSTEMS.

SBS MODIFIED BITUMINOUS ROOFING
 SPECIFICATION SECTION 072000
CAP SHEET: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: "PARADIENE 30 FT TQ" MANUFACTURED BY Siplast.
BASE SHEET: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN: "PARADIENE 20 TQ" MANUFACTURED BY Siplast.
INNER PLY: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW.
BASE FLASHING - OUTER PLY: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: "PARADIENE 30 FT TQ" MANUFACTURED BY Siplast.
INNER PLY: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW.
LIQUID-APPLIED FLASHING: A POLYESTER REINFORCED PMMA BASED FLASHING SYSTEM BY ROOF MEMBRANE MANUFACTURER.
ROOF TRAFFIC PADS: SBS MODIFIED BITUMEN WITH GRANULATED SURFACE, COLOR CONTRAST TO THE CAP SHEET. COLOR TO BE SELECTED BY OWNER.
SELF-ADHERED UNDERLAYMENT: 0407 SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W.R. GRACE "ICE & WATER SHIELD HT") ADHERED OVER PRIMED SUBSTRATE BELOW.

STANDING SEAM METAL PANEL ROOFING
 SPECIFICATION SECTION 076113
METAL PANELS: 0.040" ALUMINUM, 16" WIDE DOUBLE LOCK STANDING SEAM METAL PANELS. BASIS OF DESIGN: "TITE-LOC PLUS" BY PETERSEN ALUMINUM.
SELF-ADHERED UNDERLAYMENT: 0407 SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W.R. GRACE "ICE & WATER SHIELD HT") ADHERED OVER PRIMED SUBSTRATE BELOW.
COVER BOARD: 1/2" GYPSUM ROOF BOARD WITH FIBERGLASS MATS, ADHERED TO BASIS OF DESIGN: "DENDECK PRIME" MANUFACTURED BY GEORGIA-PACIFIC.
SHEET METAL FLASHING AND TRIM
 SPECIFICATION SECTION 076203
CONCEALED SPICE PLATE: 0.0507 ALUMINUM, COLOR MATCH METAL EDGE.
METAL CLEAT: 22 GAUGE STEEL, GALVANIZED G90.
METAL SKIRT FLASHING: 22 GAUGE STAINLESS STEEL, TYPE 316.
FLASHING: 22 GAUGE STAINLESS STEEL, TYPE 316.
WATER STOP: 1/2" WIDE BUTYL SEALANT TAPE, APPLIED BETWEEN WATER STOP AND UNDERLYING SURFACE.
TERMINATION BAR: 1/8" THICK X 1" WIDE STAINLESS STEEL.
GUTTERS: 0.040" ALUMINUM, COLOR SELECTED BY OWNER.
DOWNSPOUTS: 0.0507 ALUMINUM, COLOR SELECTED BY OWNER.

ROOF ACCESSORIES
EQUIPMENT CURB: 14 GAUGE GALVANIZED STEEL, G90.
ROOF SCUTTLES
 SPECIFICATION SECTION 07223
ROOF HATCH: BASIS OF DESIGN: BILCO TYPE "S-5078" ENHANCED PERFORMANCE ALUMINUM ROOF HATCH WITH INSULATION CURB LINER.

JOINT SEALANTS SPECIFICATION SECTION 079200
BACKER ROD: 2" CLOSED-CELL BACKER ROD
BUTYL SEALANT: ONE-PART GUN GRADE BUTYL-RUBBER BASED JOINT SEALANT, ASTM C 1311.
SILICONE SEALANT: SINGLE-COMPONENT, NONSAG, NEUTRAL CURING SILICONE JOINT SEALANT, ASTM C 920, TYPE S, GRADE NS, 100/50, FOR USE IN TRANSITION AT EXPANSION JOINTS.
SEALANT TAPE: 1" WIDE BUTYL SEALANT TAPE, APPLIED BETWEEN METAL SURFACES AND UNDERLYING SURFACE.
STRUCTURAL SEALANT: SINGLE-COMPONENT, MOISTURE CURING, GUN GRADE ADHESIVE, "M-1" MANUFACTURED BY CHEM LINK ENGINEERED SYSTEMS.
URETHANE SEALANT: SINGLE-COMPONENT, NONSAG, NEUTRAL CURING URETHANE JOINT SEALANT, ASTM C 920, TYPE S, GRADE NS, 100/50, FOR USE IN TRANSITION AT EXPANSION JOINTS.

WALL SECTION AT PARAPET SADDLE
 SCALE: 1/8" = 1'-0"
 A-3.08

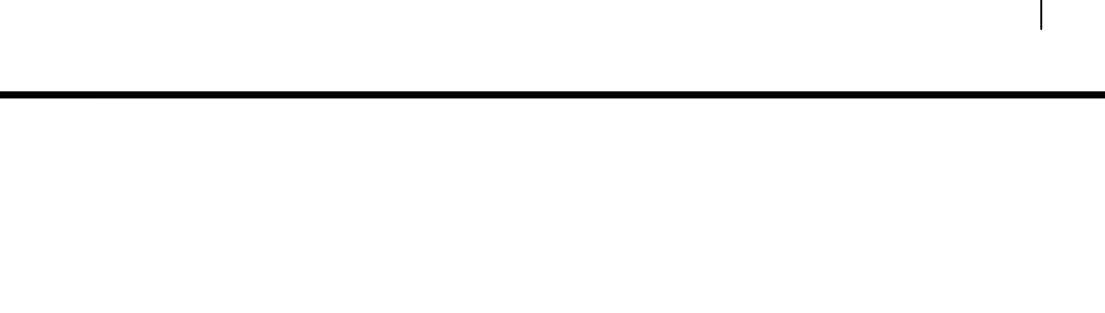
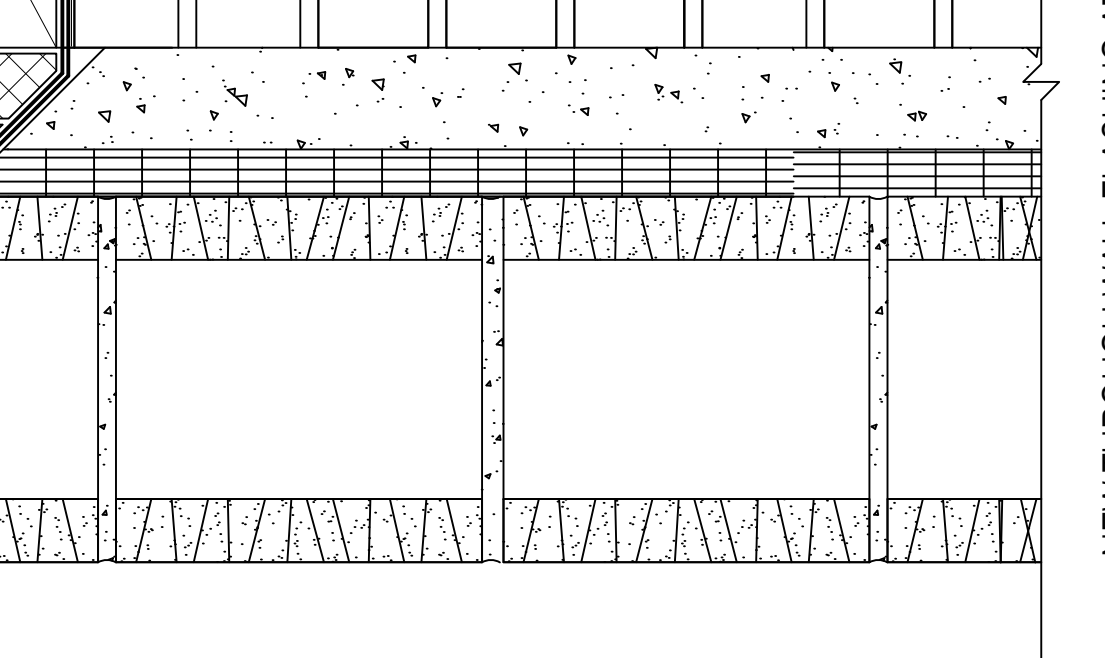
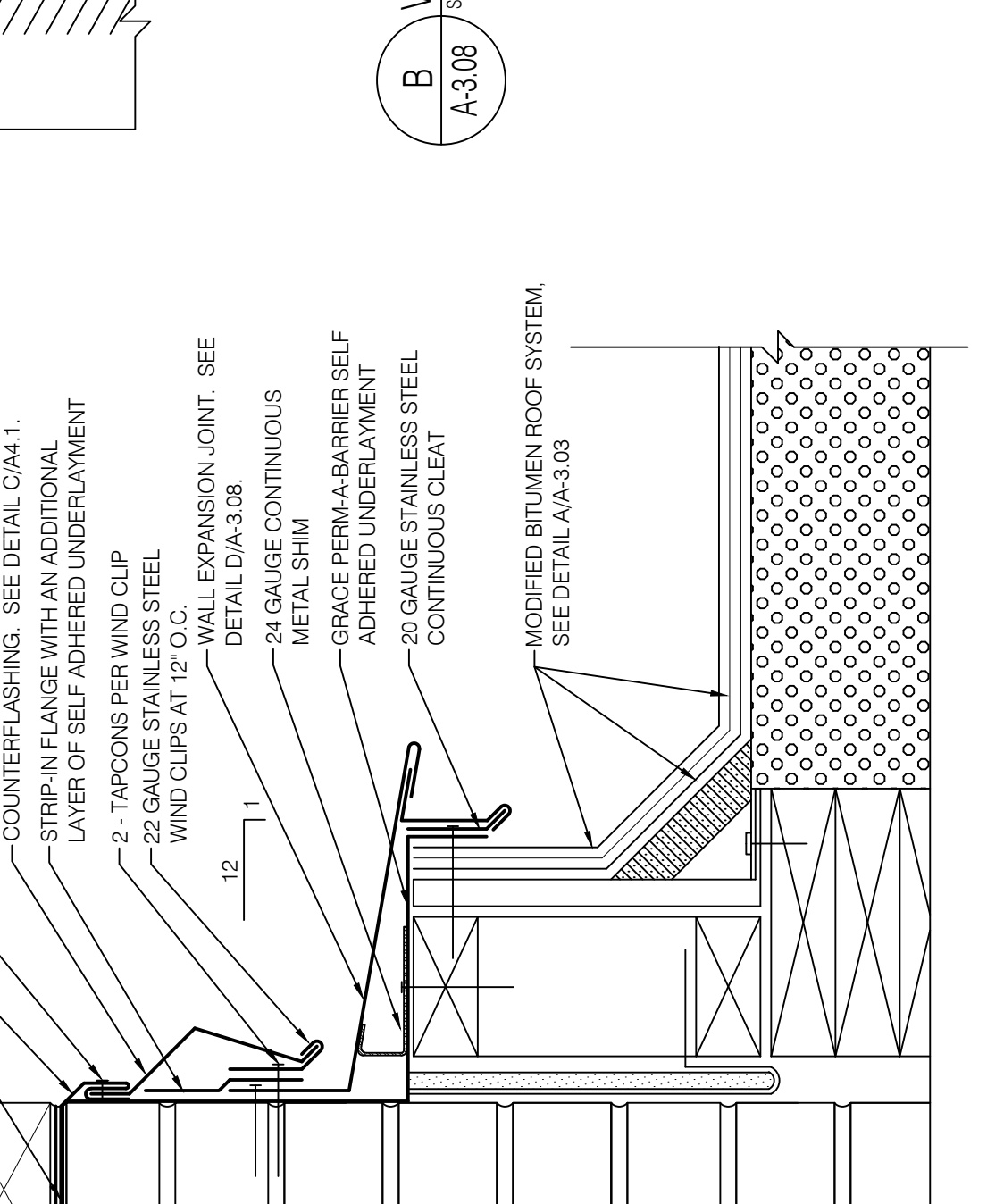
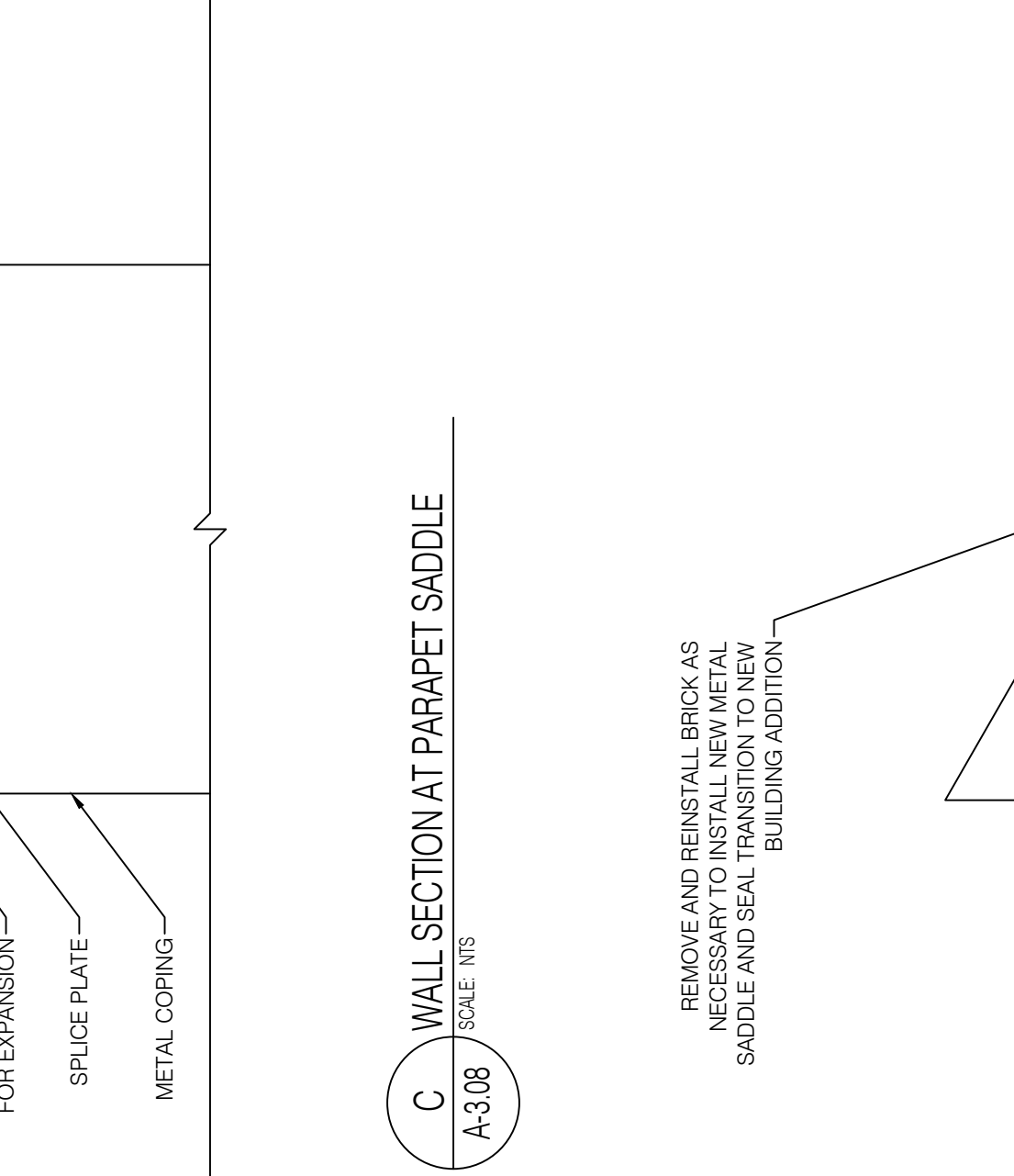
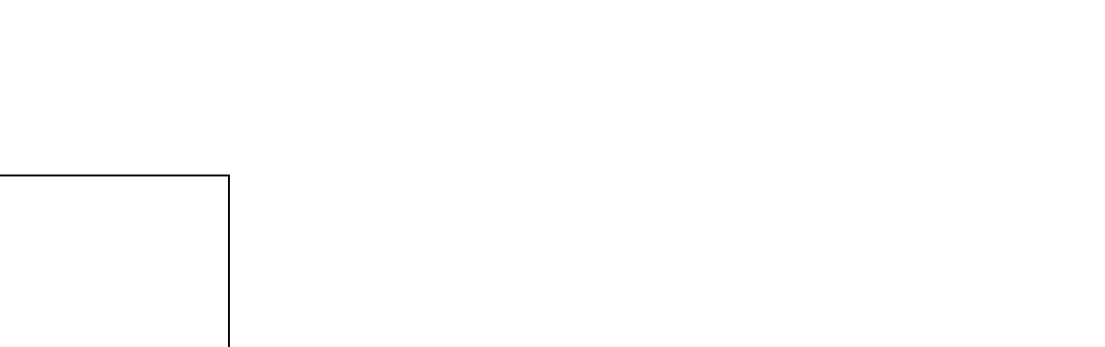
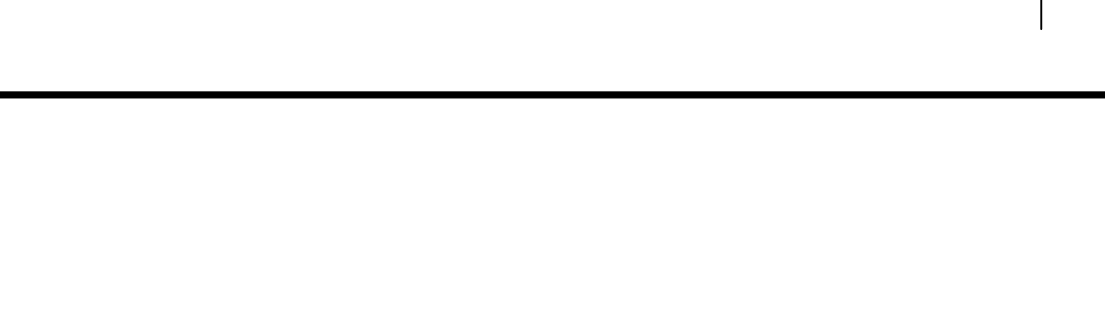
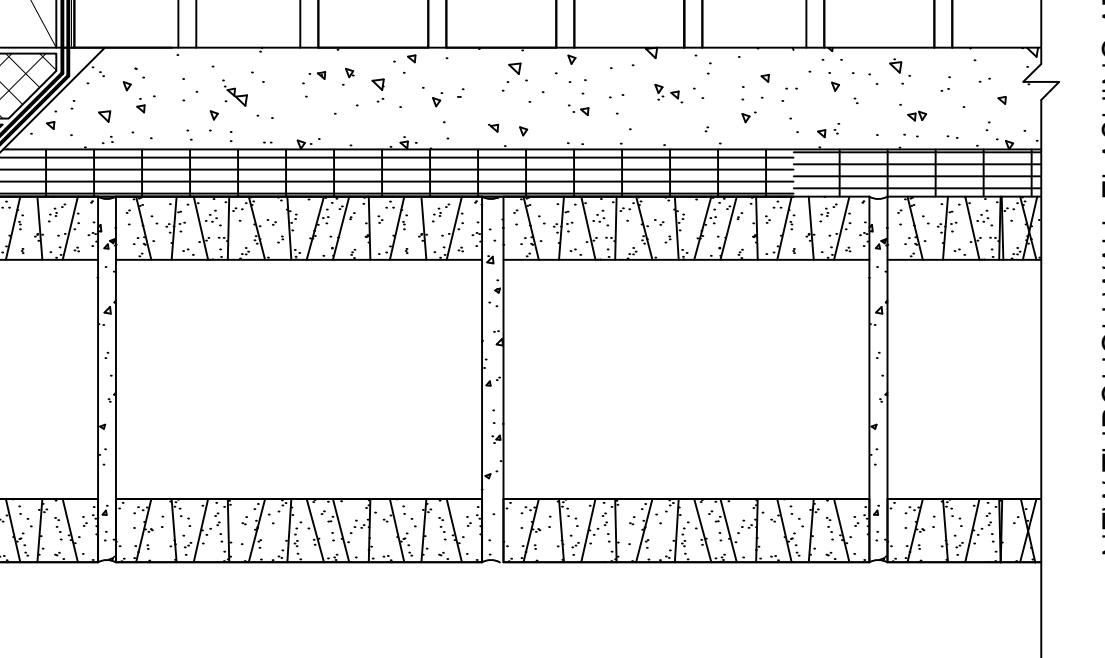
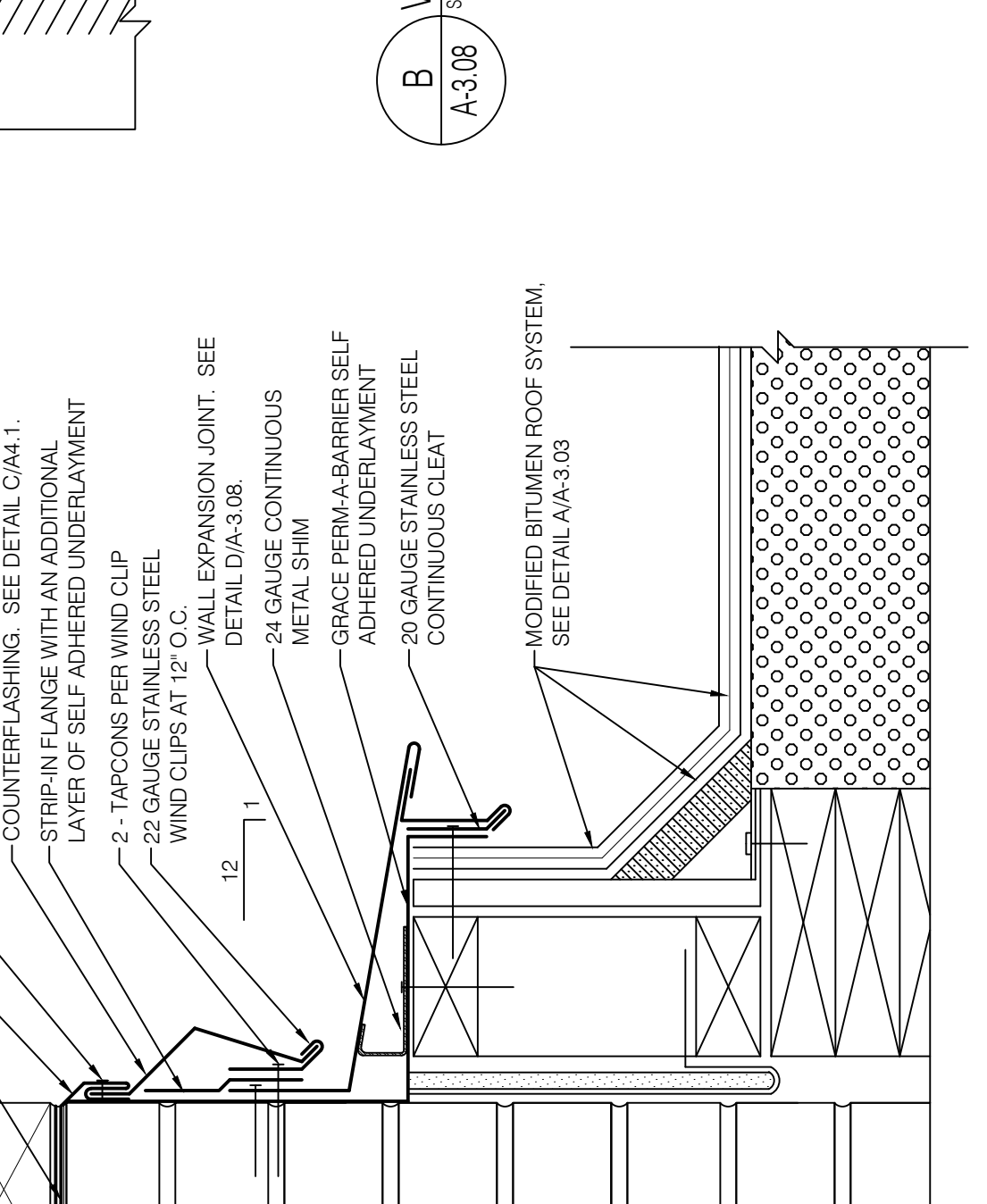
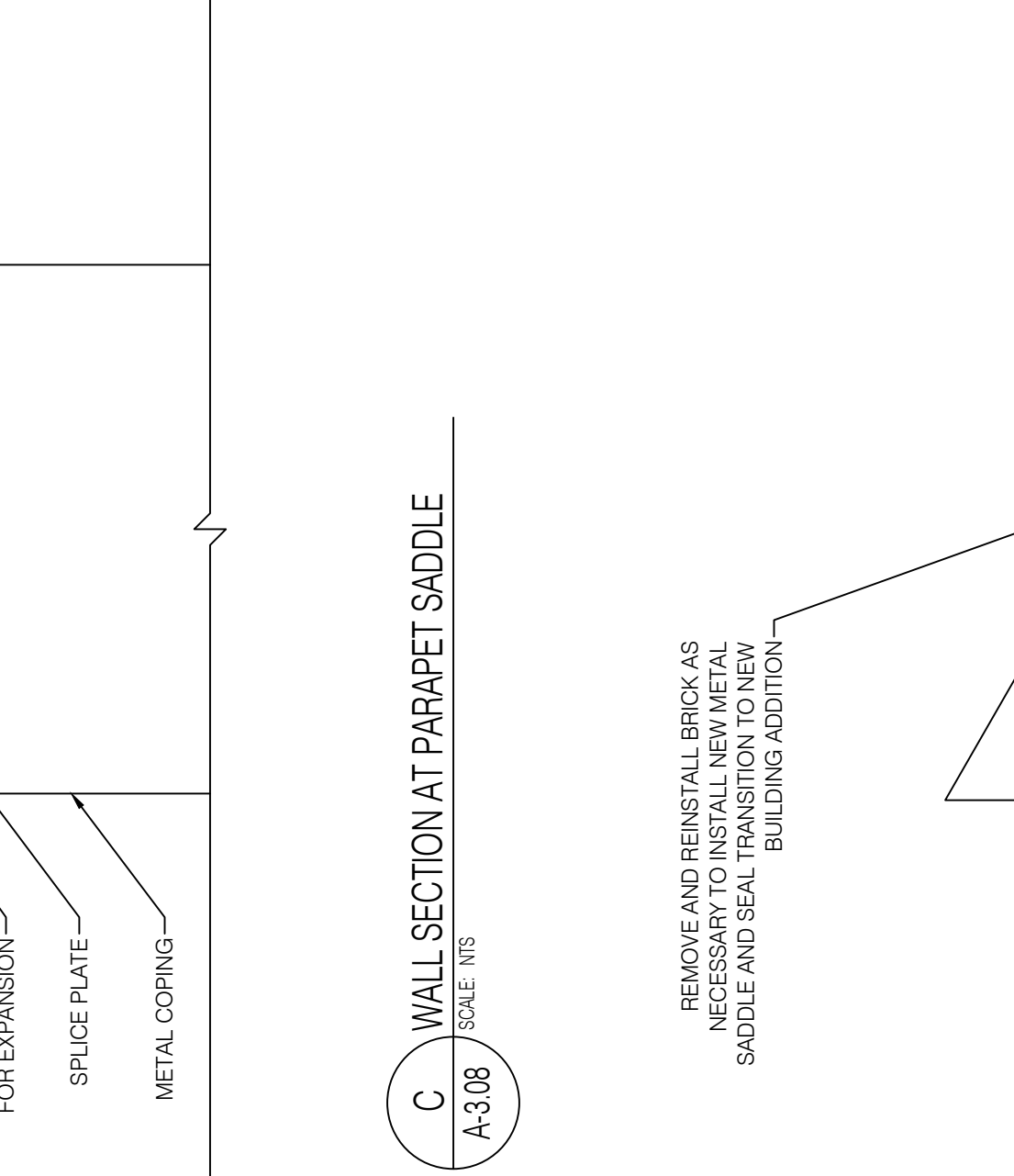
WALL EXPANSION JOINT FABRICATION
 SCALE: 1/8" = 1'-0"
 A-3.08

THROUGH WALL FLASHING WITH END DAM
 SCALE: 1/8" = 1'-0"
 A-3.08

NEW THROUGH WALL FLASHING AT ADDITION TRANSITION JOINT
 SCALE: 1/8" = 1'-0"
 A-3.08

VERTICAL METAL FLASHING AT PARAPET
 SCALE: 1/8" = 1'-0"
 A-3.08

TRANSITION AT EXPANSION JOINT
 SCALE: 1/8" = 1'-0"
 A-3.08



MATERIAL COMPONENT SCHEDULE

LIGHTWEIGHT INSULATING CONCRETE
 SPECIFICATION SECTION 05222
 PERMANENTLY SET, PRECAST, CONCRETE MATERIAL - PORTLAND CEMENT, ASTM C 1500, TYPE I, TYPE II, TYPE III, BASIS OF DESIGN: SIPCAST INSULATING SYSTEMS.

SBS MODIFIED BITUMINOUS ROOFING
 SPECIFICATION SECTION 075200

CAP SHEET: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: "PARADIENE 30 FT" MANUFACTURED BY Siplast.
BASE SHEET: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN: "PARADIENE 20 FT" MANUFACTURED BY Siplast.
INNER PLY: SBS SMOOTH MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER SUBSTRATE BELOW. BASIS OF DESIGN: "PARADIENE 20 FT" MANUFACTURED BY Siplast.
OUTER PLY: SBS GRANULE SURFACED MODIFIED BITUMEN, ASTM D 6163, TYPE 1, TORCHED APPLIED OVER MEMBRANE BELOW. BASIS OF DESIGN: "PARADIENE 30 FT" MANUFACTURED BY Siplast.
CANT STRIP: HIGH-DENSITY, LAMINATED PERLITE BOARD.
LIQUID-APPLIED FLASHING: A POLYESTER REINFORCED PMMA BASED FLASHING SYSTEM BY ROOF-MEMBRANE MANUFACTURER.
ROOF TRAFFIC PADS: SBS MODIFIED BITUMEN WITH GRANULATED SURFACE FOR CONTRAST TO THE CAP SHEET. COLOR TO BE SELECTED BY OWNER.
SELF-ADHERED UNDERLAYMENT: 040" SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W/R GRACE ICE & WATER SHIELD HT) ADHERED OVER PRIMED SUBSTRATE BELOW.

STANDING SEAM METAL PANEL ROOFING
 SPECIFICATION SECTION 076113

METAL PANELS: 0.040" ALUMINUM, 16" WIDE DOUBLE LOCK STANDING SEAM METAL PANELS. BASIS OF DESIGN: "TILE-LOC PLUS" BY PETERSEN ALUMINUM.
SELF-ADHERED UNDERLAYMENT: 040" SELF-ADHERED MODIFIED BITUMEN, ASTM D 1970, (W/R GRACE ICE & WATER SHIELD HT) ADHERED OVER PRIMED SUBSTRATE BELOW.
COVER BOARD: 1/2" GYPSUM ROOF BOARD WITH FIBERGLASS MATS, 3/8" BASIS OF DESIGN: "DENSDECK PRIME" MANUFACTURED BY GEORGIA PACIFIC.
SHEET METAL FLASHING AND TRIM
 SPECIFICATION SECTION 076203
CONCEALED SPLICE PLATE: 0.050" ALUMINUM, COLOR MATCH METAL EDGE.
METAL CLEAT: 22 GAGE STEEL GALVANIZED GRD.
METAL SKIRT FLASHING: 22 GAGE STAINLESS STEEL, TYPE 316.
TERMINATION BAR: 1/8" THICK X 1" WIDE STAINLESS STEEL.
GUTTERS: 0.040" ALUMINUM, COLOR SELECTED BY OWNER.
DOWNSPOUTS: 0.050" ALUMINUM, COLOR SELECTED BY OWNER.

ROOF ACCESSORIES
EQUIPMENT CURB: 14 GAGE GALVANIZED STEEL, G90.
ROOF SCUTTLES
 SPECIFICATION SECTION 07223
ROOF HATCH: BASIS OF DESIGN: "BILCO TYPE 'S-501R' ENHANCED PERFORMANCE ALUMINUM ROOF HATCH WITH INSULATION CURB LINER.

JOINT SEALANTS SPECIFICATION SECTION 079200

BUTYL SEALANT: ONE-PART GUN GRADE, BUTYL-RUBBER BASED JOINT SEALANT, ASTM C 1311.
SILICONE SEALANT: SINGLE-COMPONENT, NONSAG, NEUTRAL CURING SILICONE JOINT SEALANT, ASTM C 920, TYPE S, GRADE NS, MANUFACTURED BY DOW CORNING.
SEALANT TAPE: 1" WIDE BUTYL SEALANT TAPE, APPLIED BETWEEN METAL SURFACES AND UNDERLYING SURFACE.
STRUCTURAL SEALANT: SINGLE-COMPONENT, MOISTURE CURING, GUN GRADE ADHESIVE, "M-1" MANUFACTURED BY CHEM LINK ENGINEERED SYSTEMS.
PREPARED JOINT SEALANT: SINGLE-COMPONENT, NONSAG, POLYURETHANE JOINT SEALANT, ASTM C 960, TYPE S, GRADE NS, CLASS 100/90, FOR USE NT, APPLIED TO PRIMED SURFACES.

BACKER ROD: CLOSED-CELL BACKER ROD.
BUTYL SEALANT: ONE-PART GUN GRADE, BUTYL-RUBBER BASED JOINT SEALANT, ASTM C 1311.

SILICONE SEALANT: SINGLE-COMPONENT, NEUTRAL CURING SILICONE JOINT SEALANT, ASTM C 920, TYPE S, GRADE NS, MANUFACTURED BY DOW CORNING.

SEALANT TAPE: 1" WIDE BUTYL SEALANT TAPE, APPLIED BETWEEN METAL SURFACES AND UNDERLYING SURFACE.

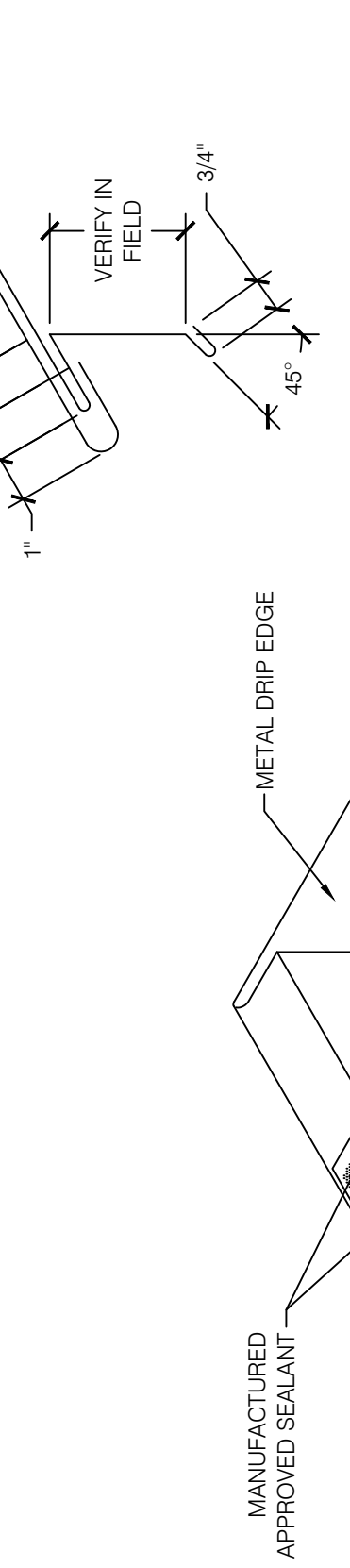
STRUCTURAL SEALANT: SINGLE-COMPONENT, MOISTURE CURING, GUN GRADE ADHESIVE, "M-1" MANUFACTURED BY CHEM LINK ENGINEERED SYSTEMS.

PREPARED JOINT SEALANT: SINGLE-COMPONENT, NONSAG, POLYURETHANE JOINT SEALANT, ASTM C 960, TYPE S, GRADE NS, CLASS 100/90, FOR USE NT, APPLIED TO PRIMED SURFACES.

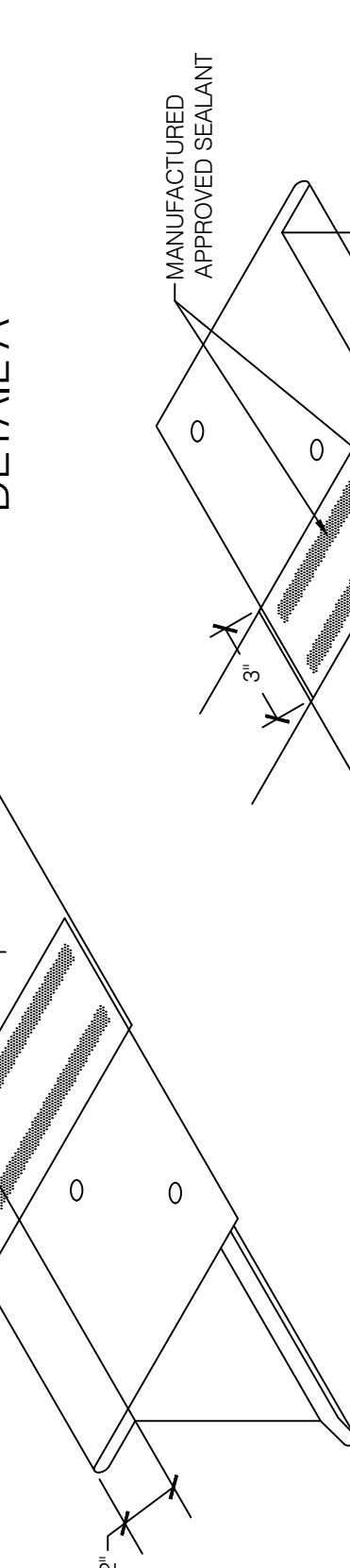
NOTE: WHEN USING POP RIVETS ON FLASHING, STAINLESS STEEL RIVETS ARE REQUIRED WITH ALUMINUM PANELS. FLASHINGS MUST NOT BE FASTENED AT LAPS.



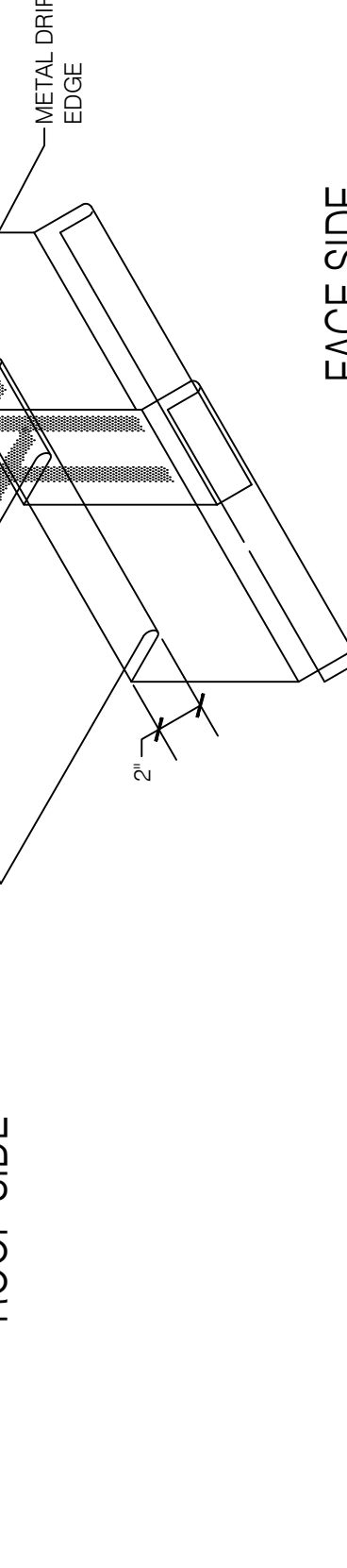
A HIP FLASHING/ SPLICE PLATE ISOMETRIC
 SCALE: NTS
 A-3.09



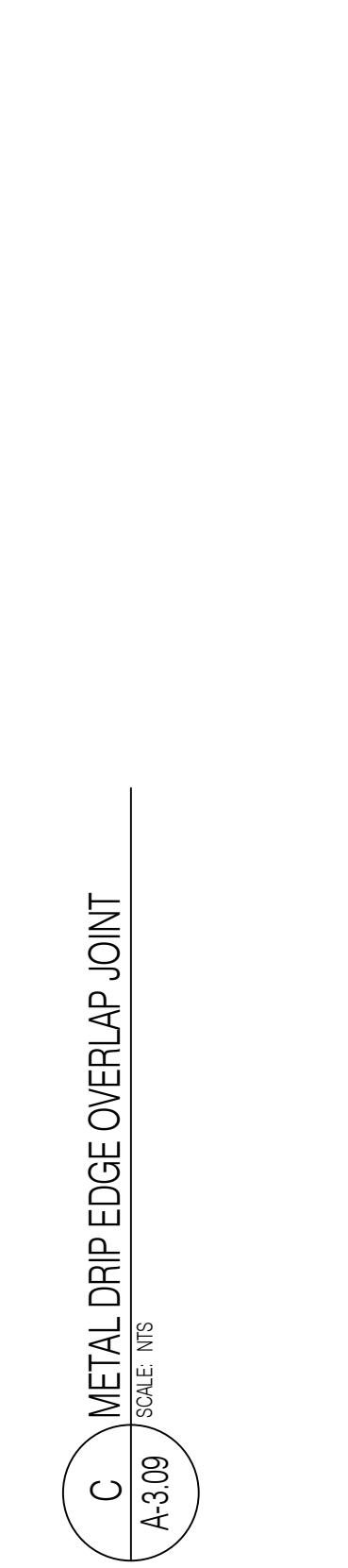
B RIDGE AND HIP DETAIL
 SCALE: NTS
 A-3.09



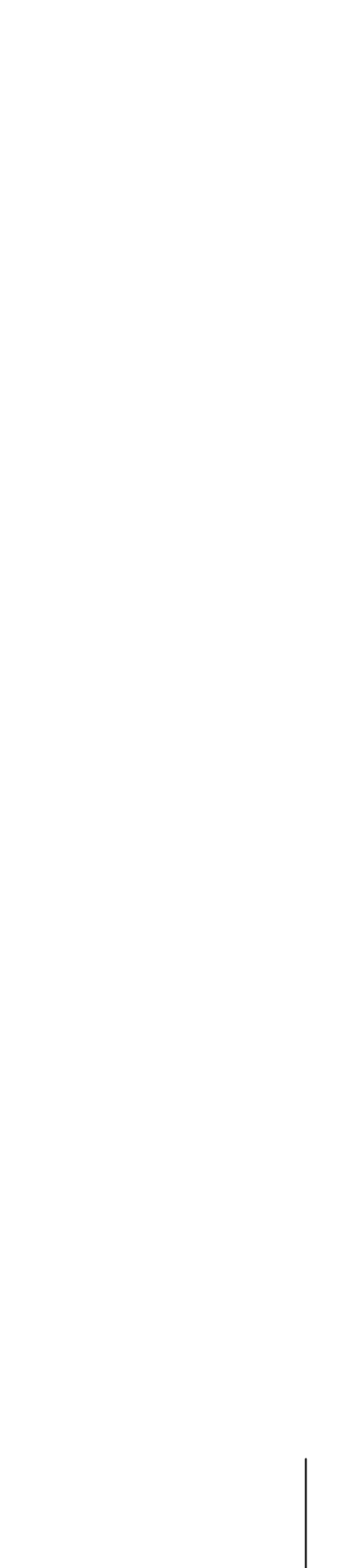
C METAL DRIP EDGE OVERLAP JOINT
 SCALE: NTS
 A-3.09



D EAVE WITH GUTTER DETAIL
 SCALE: NTS
 A-3.09

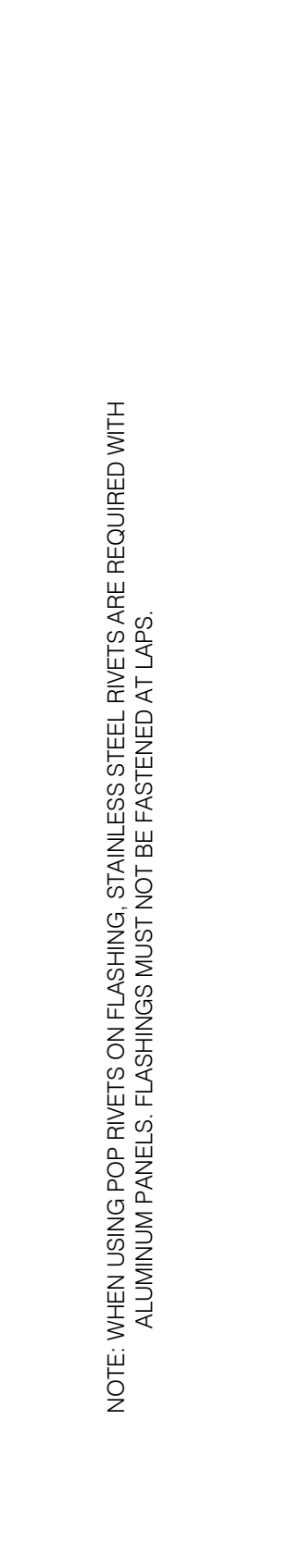


E WALL FLASHING DETAIL
 SCALE: NTS
 A-3.09

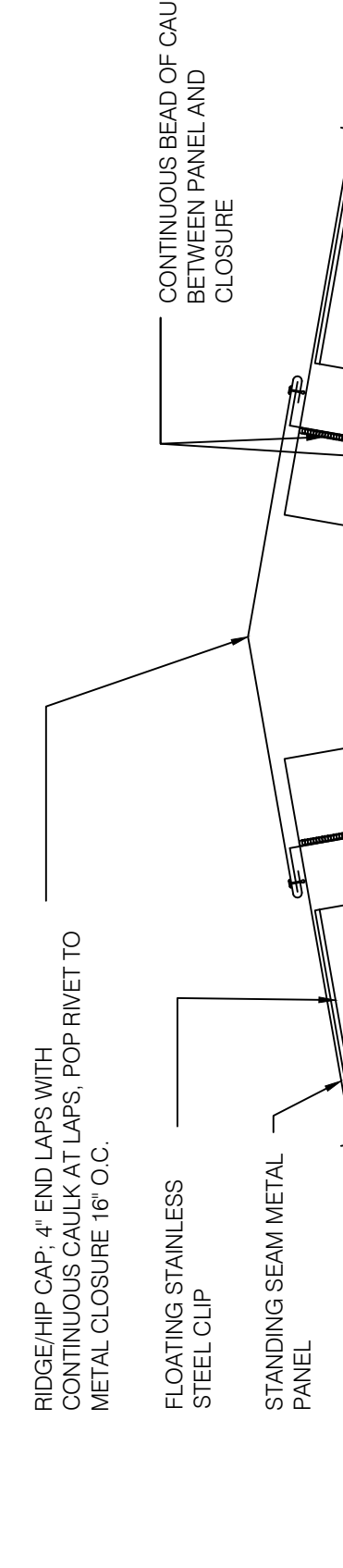


F RAKE EDGE FLASHING DETAIL
 SCALE: NTS
 A-3.09

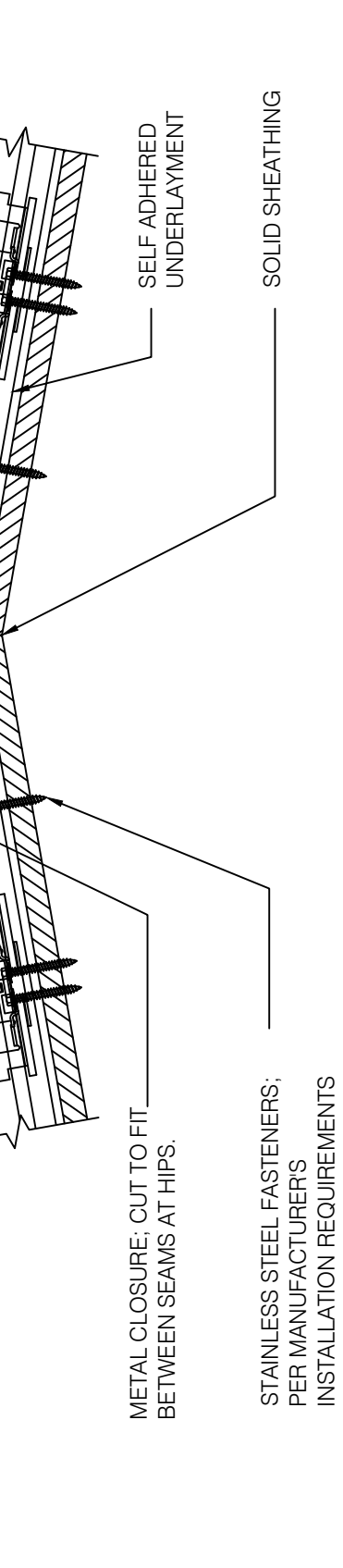
NOTE: METAL CLEAT BELOW NOT SHOWN FOR CLARITY.



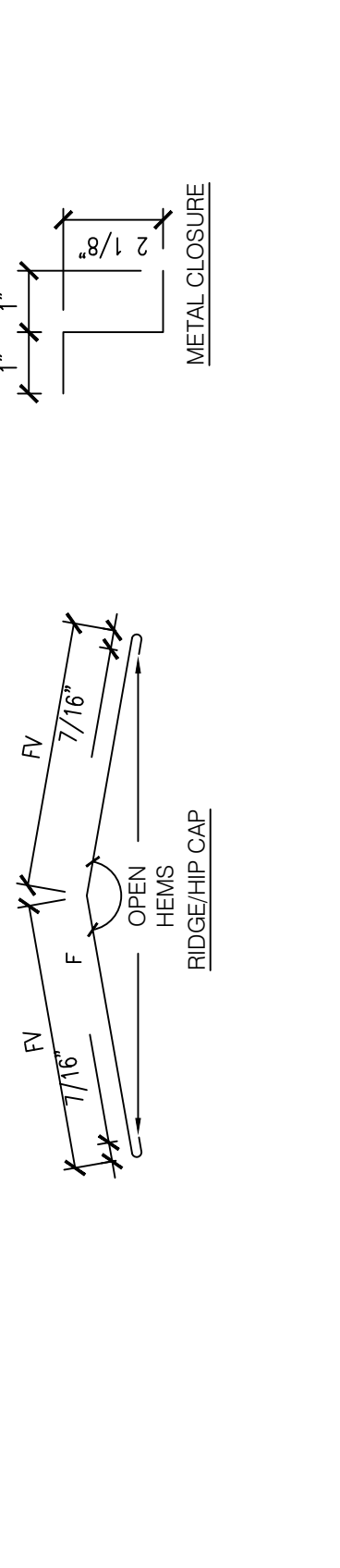
A HIP FLASHING/ SPLICE PLATE ISOMETRIC
 SCALE: NTS
 A-3.09



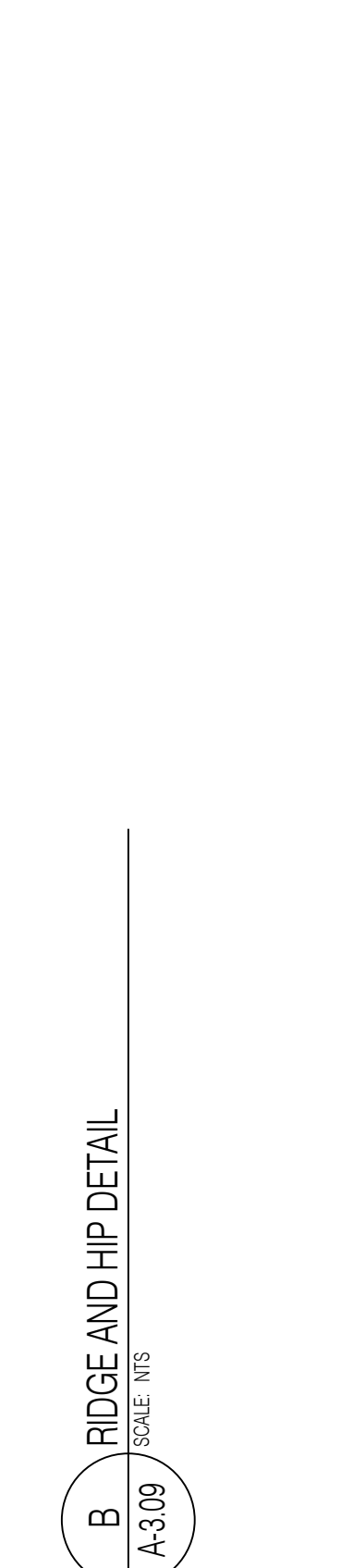
B RIDGE AND HIP DETAIL
 SCALE: NTS
 A-3.09



C METAL DRIP EDGE OVERLAP JOINT
 SCALE: NTS
 A-3.09



D EAVE WITH GUTTER DETAIL
 SCALE: NTS
 A-3.09



E WALL FLASHING DETAIL
 SCALE: NTS
 A-3.09

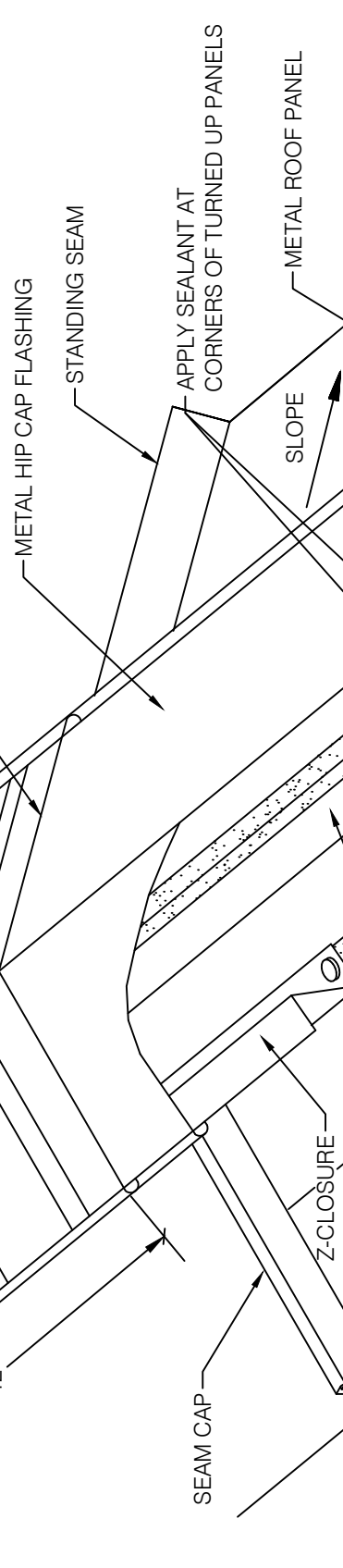


F RAKE EDGE FLASHING DETAIL
 SCALE: NTS
 A-3.09

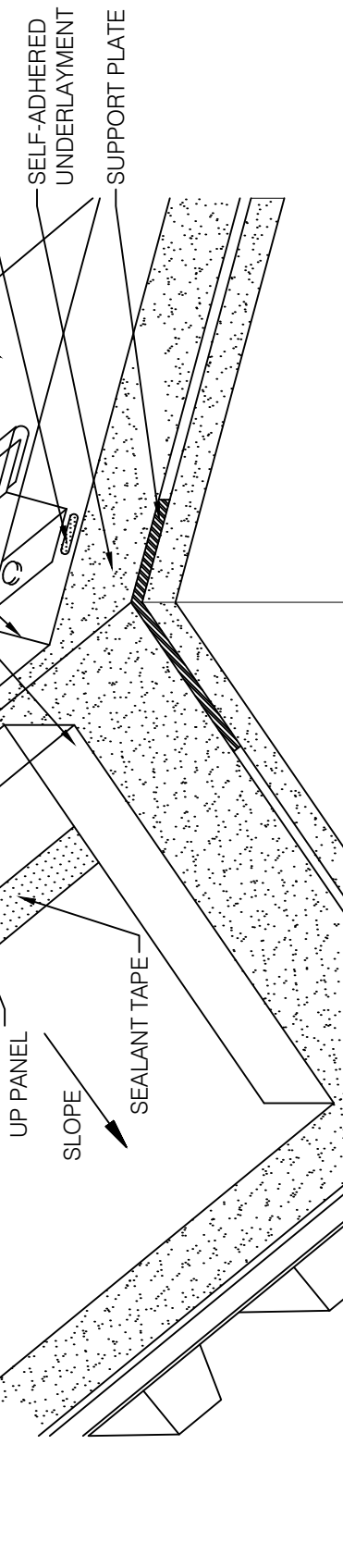
NOTE: WHEN USING POP RIVETS ON FLASHING, STAINLESS STEEL RIVETS ARE REQUIRED WITH ALUMINUM PANELS. FLASHINGS MUST NOT BE FASTENED AT LAPS.



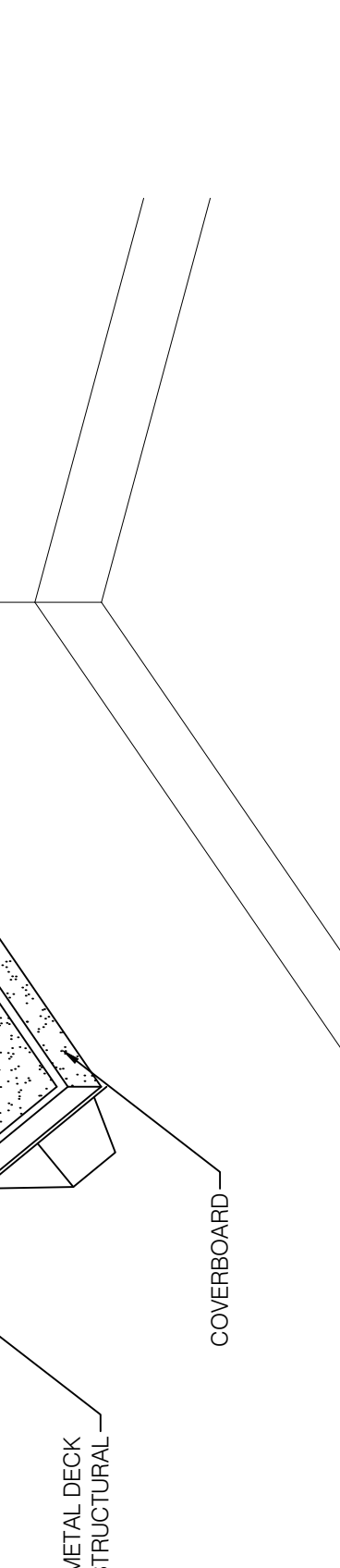
A HIP FLASHING/ SPLICE PLATE ISOMETRIC
 SCALE: NTS
 A-3.09



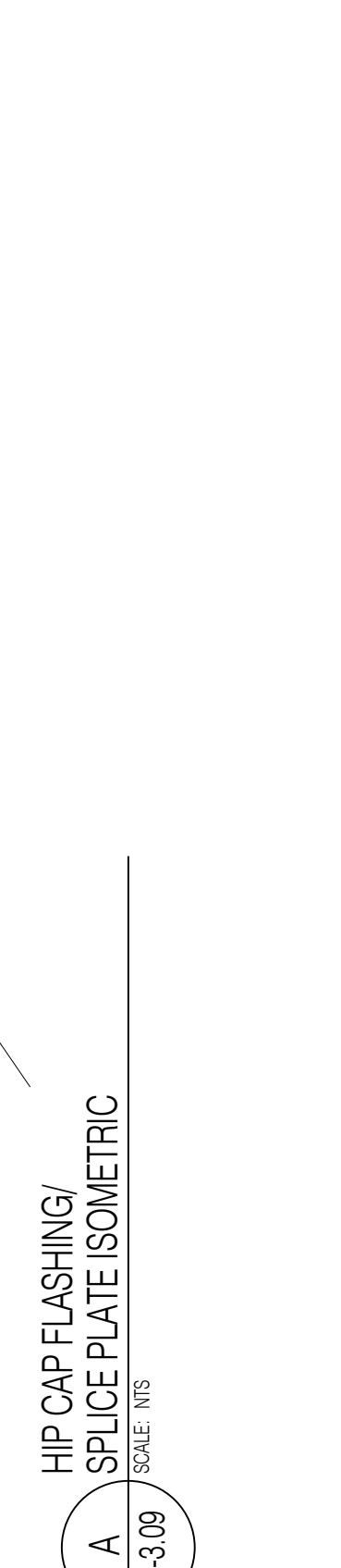
B RIDGE AND HIP DETAIL
 SCALE: NTS
 A-3.09



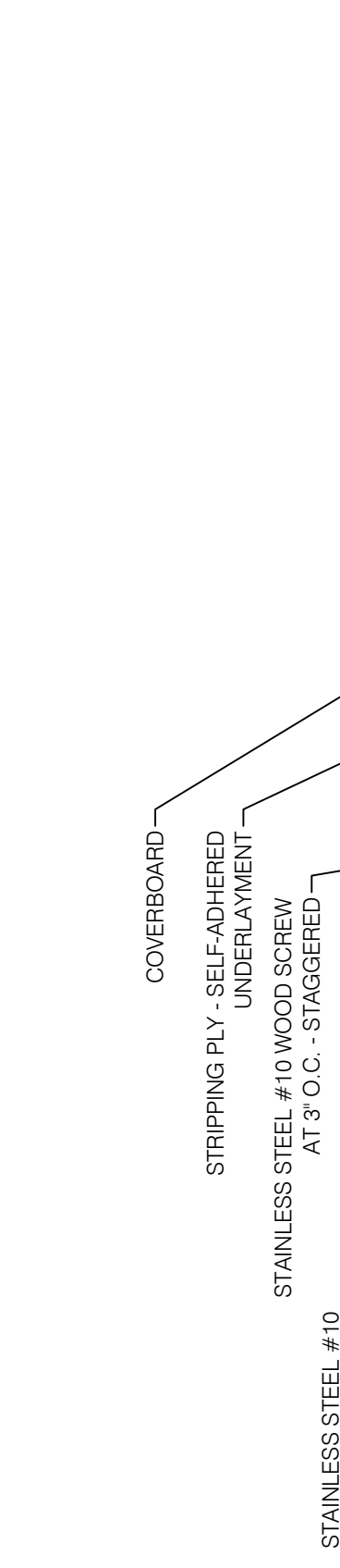
C METAL DRIP EDGE OVERLAP JOINT
 SCALE: NTS
 A-3.09



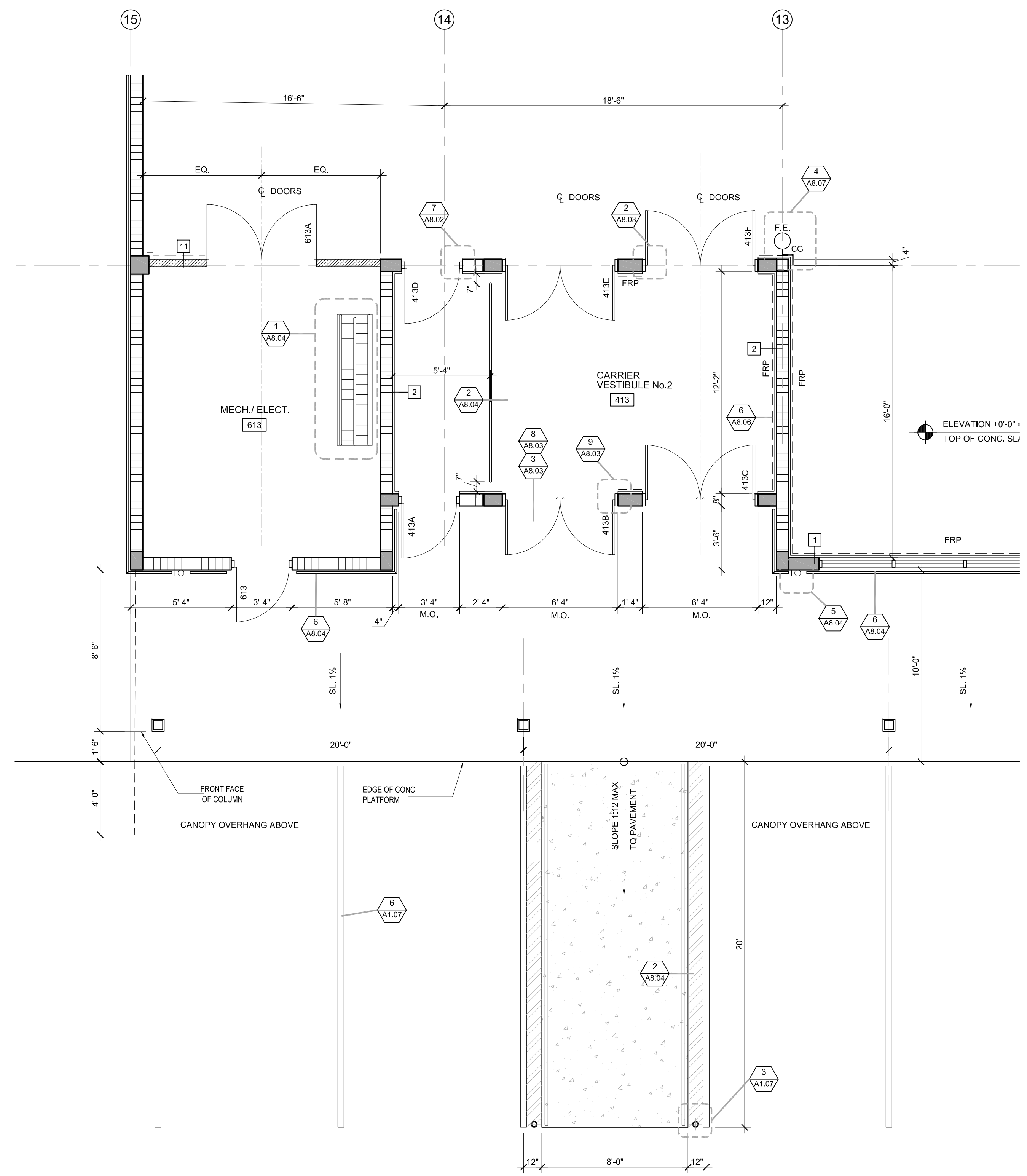
D EAVE WITH GUTTER DETAIL
 SCALE: NTS
 A-3.09



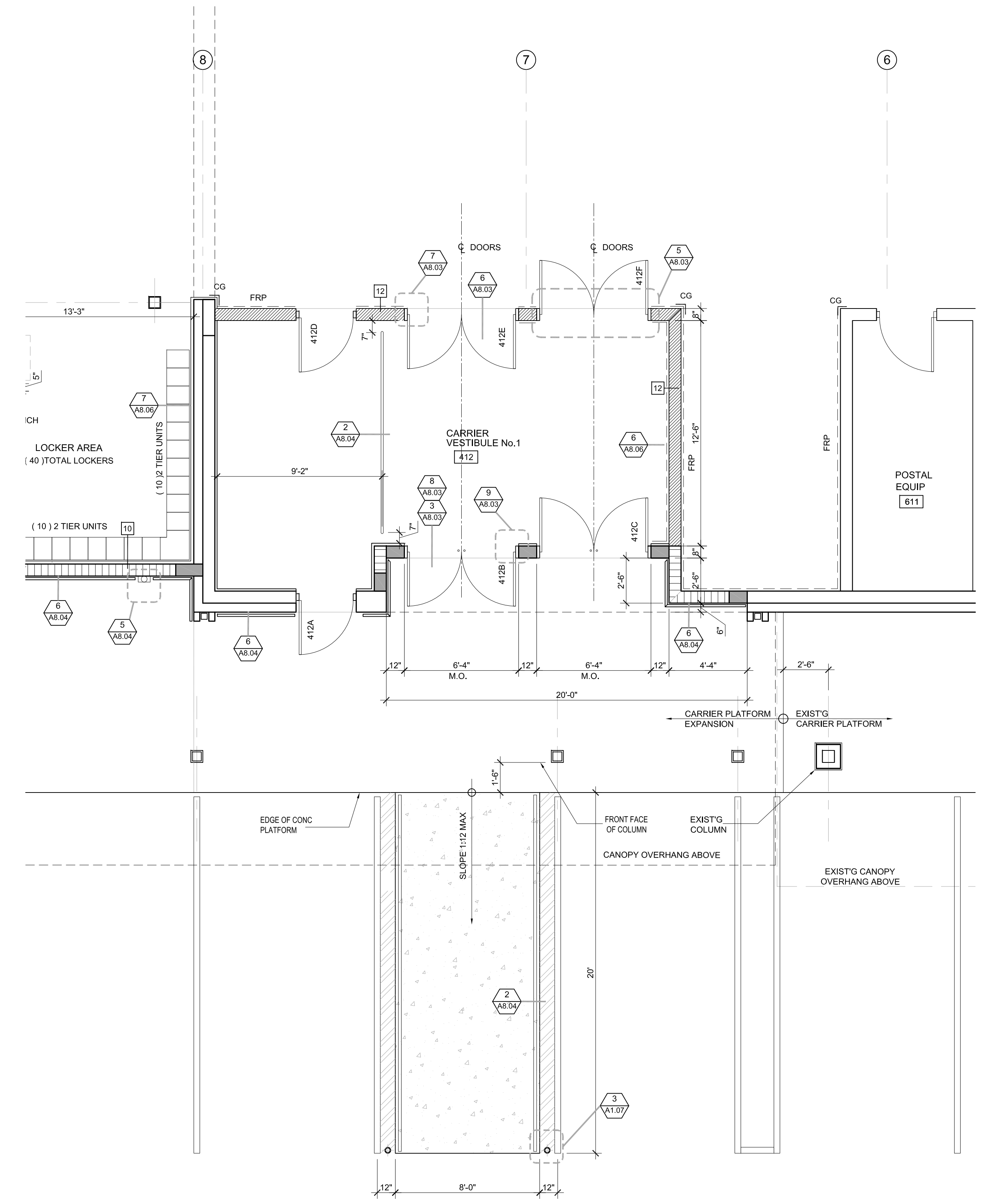
E WALL FLASHING DETAIL
 SCALE: NTS
 A-3.09



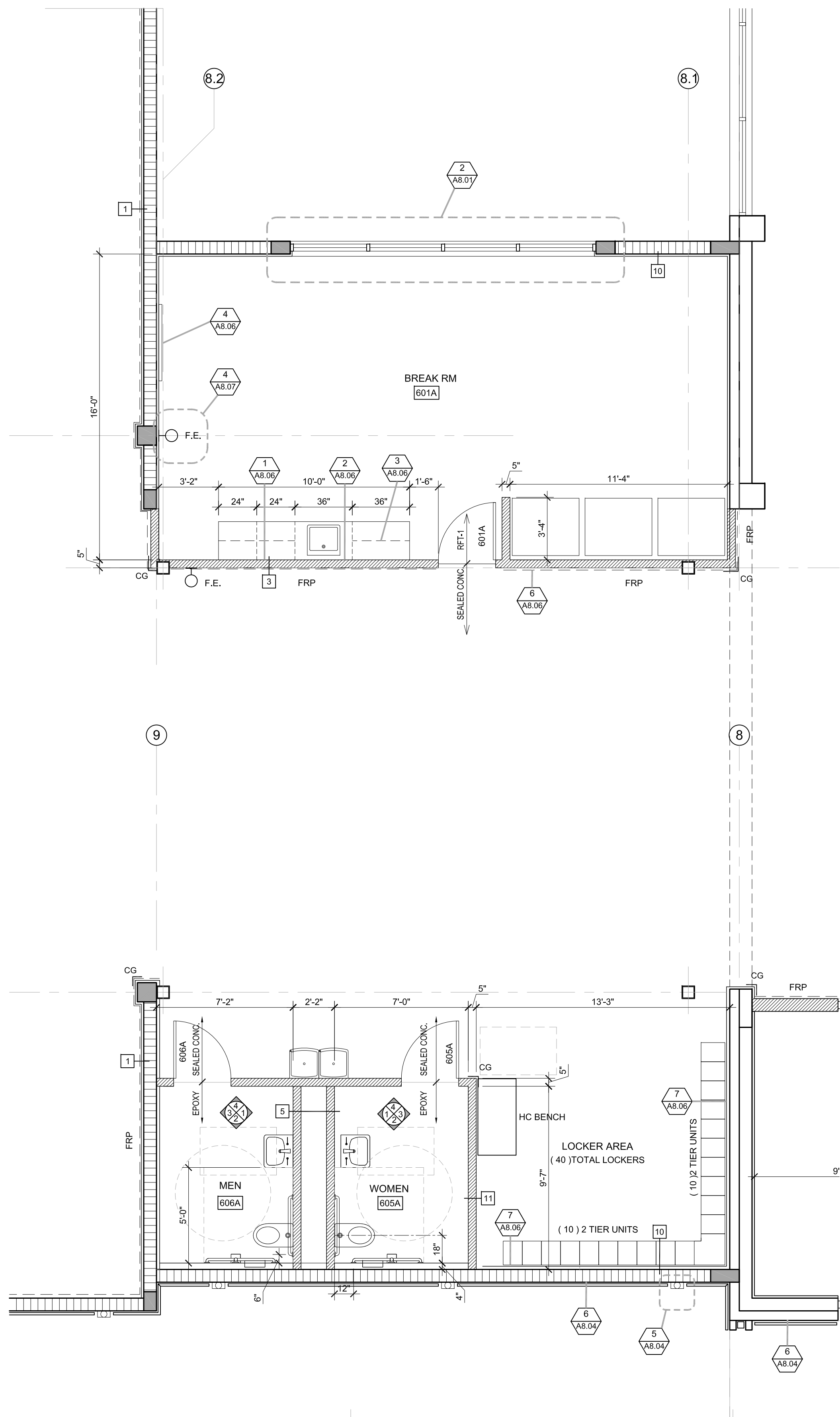
F RAKE EDGE FLASHING DETAIL
 SCALE: NTS
 A-3.09



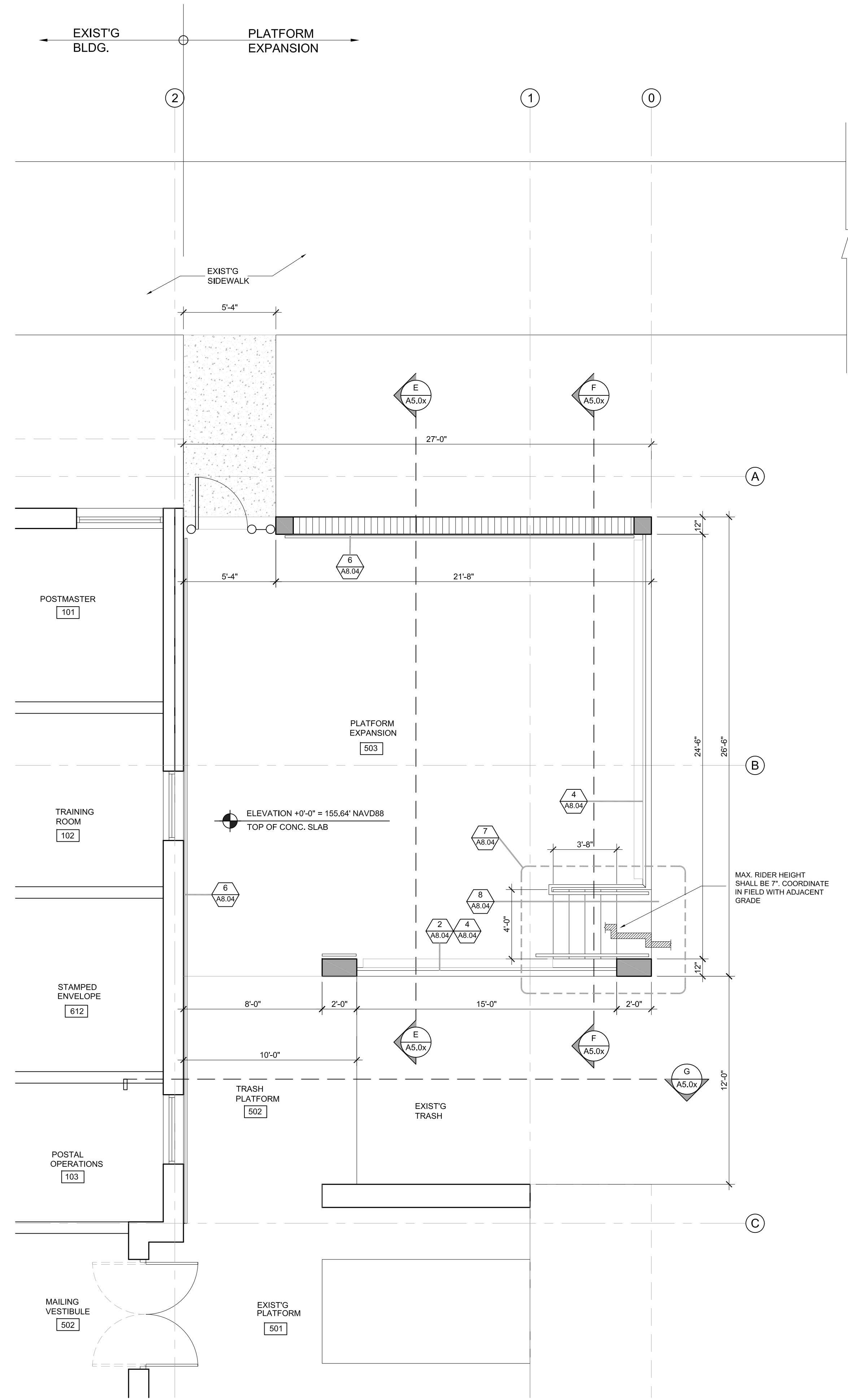
CARRIER VESTIBULE No.2 - WEST - ROOM #413
SCALE: 1/4" = 1'-0"



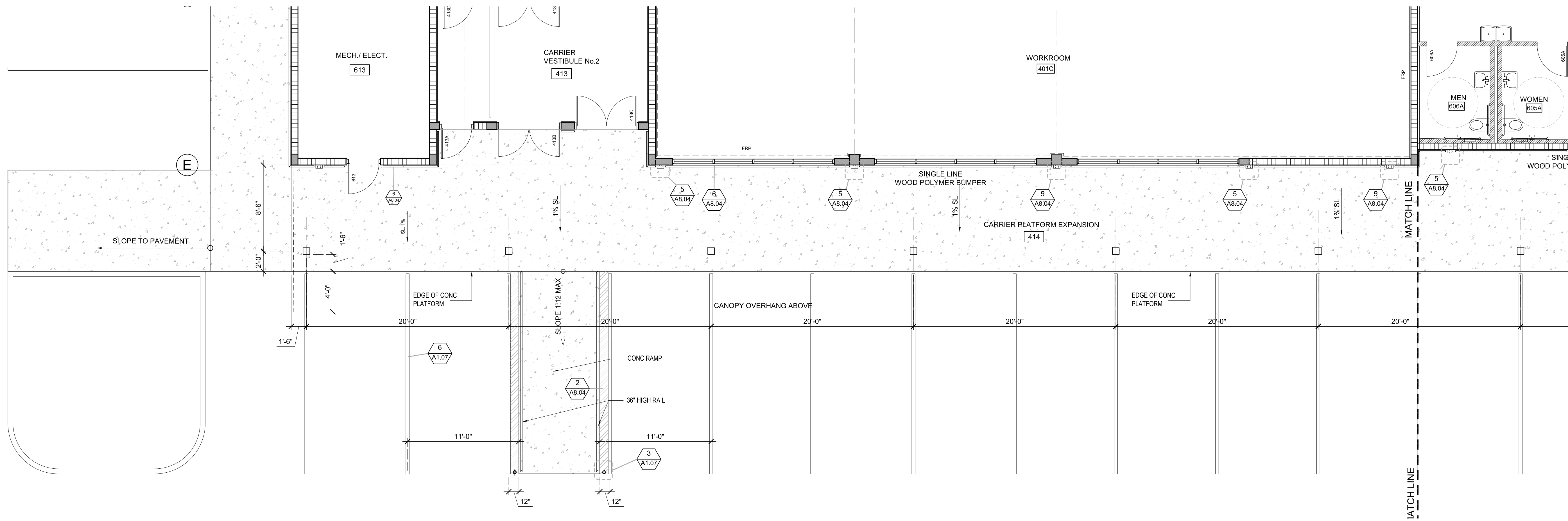
CARRIER VESTIBULE No. 1 - EAST - ROOM #412
SCALE: 1/4" = 1'-0"



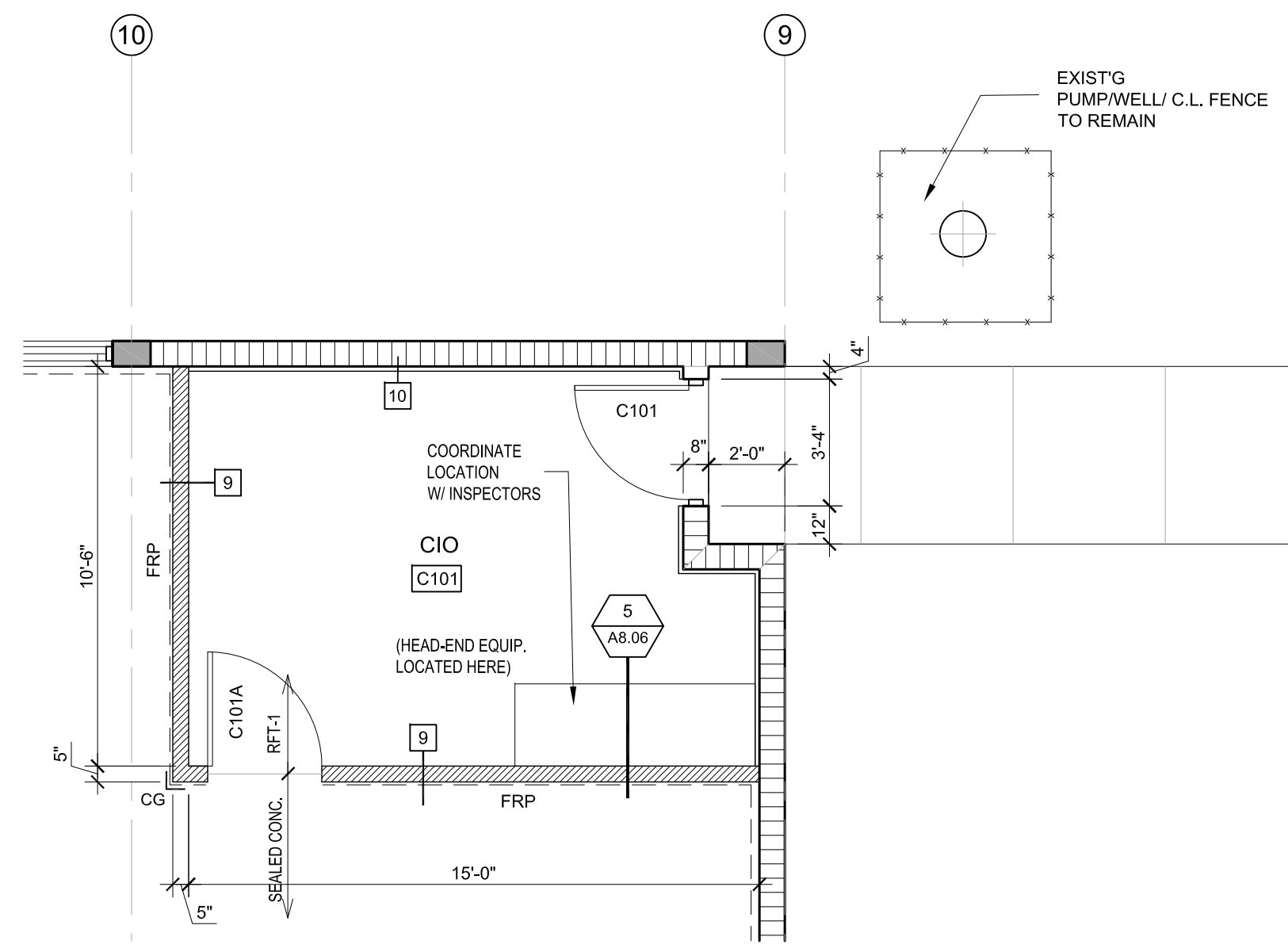
RESTROOMS / LOCKERS / BREAKROOM
SCALE: 1/4" = 1'-0"



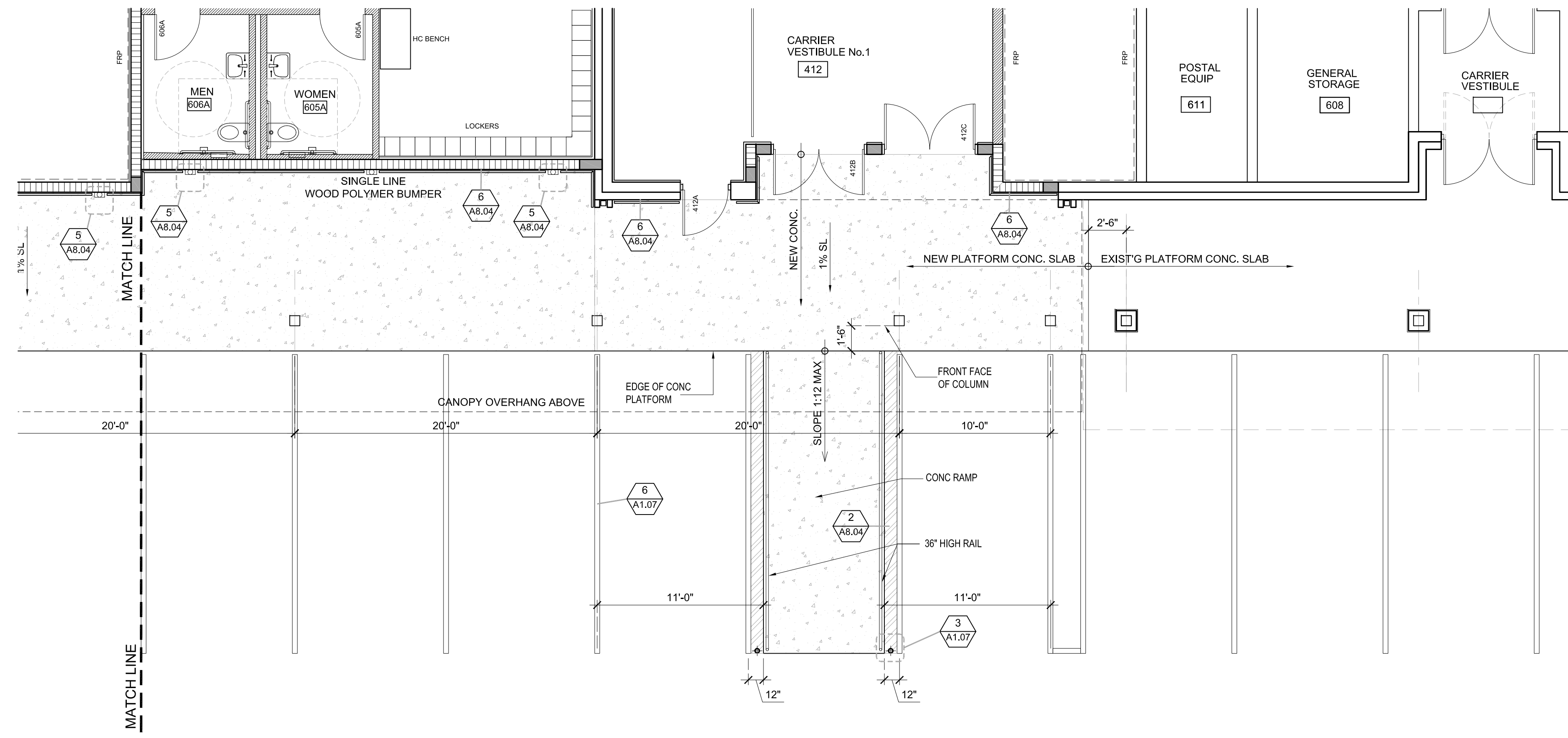
PLATFORM EXPANSION - FLOOR PLAN
SCALE: 1/4" = 1'-0"



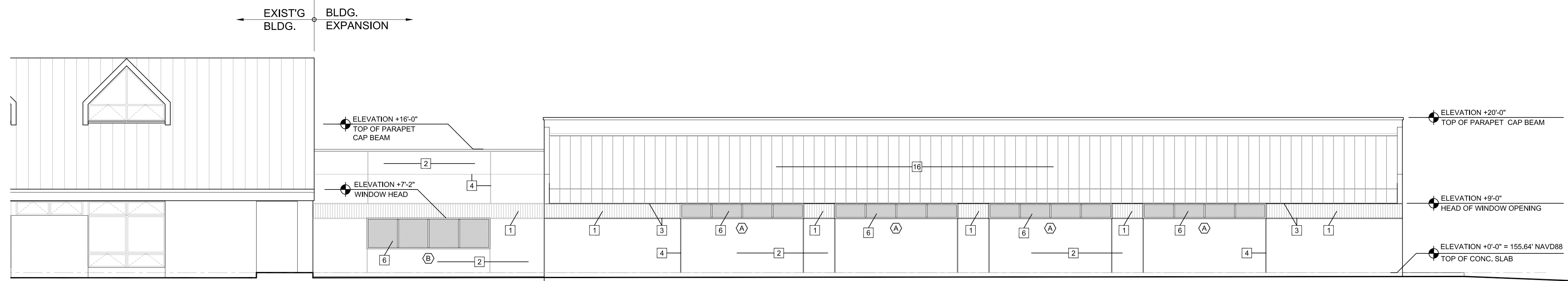
CARRIER PLATFORM - WEST END
SCALE: 3/16" = 1'-0"



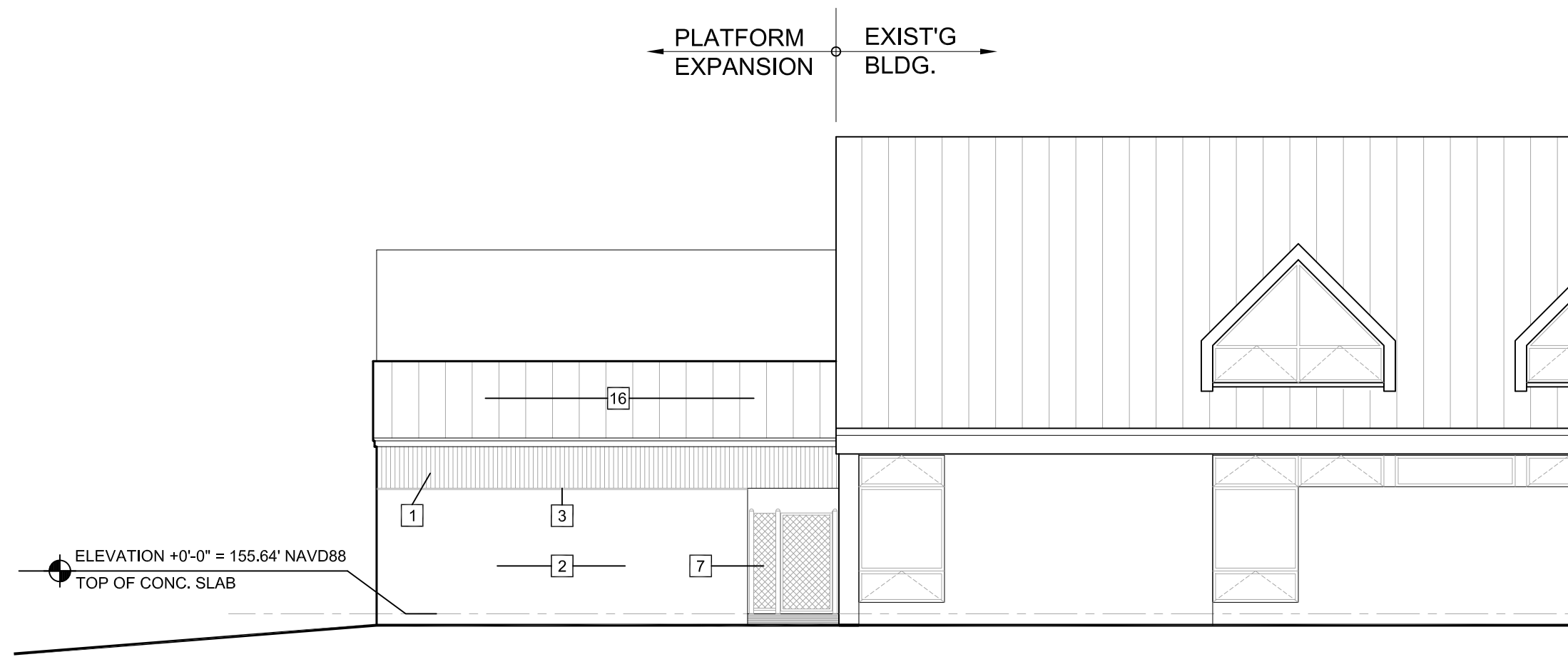
CIO OFFICE
SCALE: 1/4" = 1'-0"



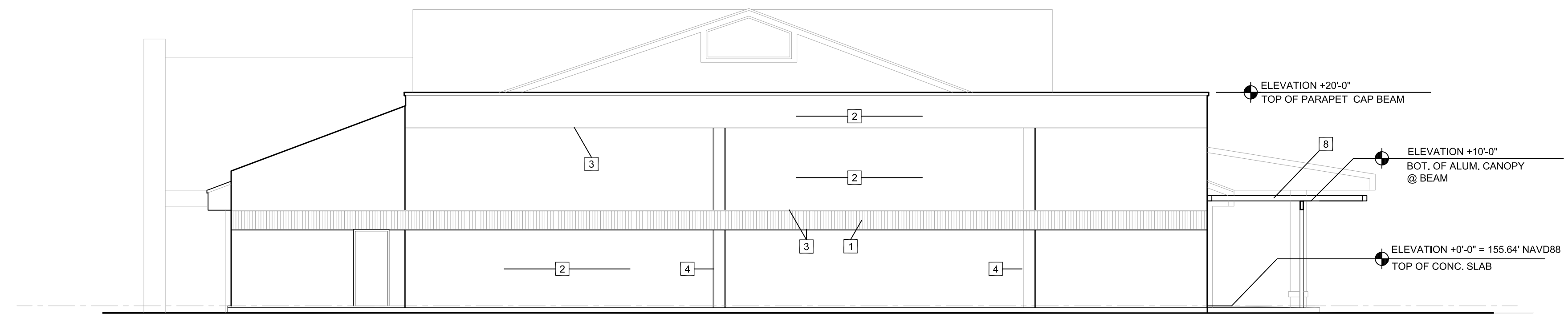
CARRIER PLATFORM - EAST END
SCALE: 3/16" = 1'-0"



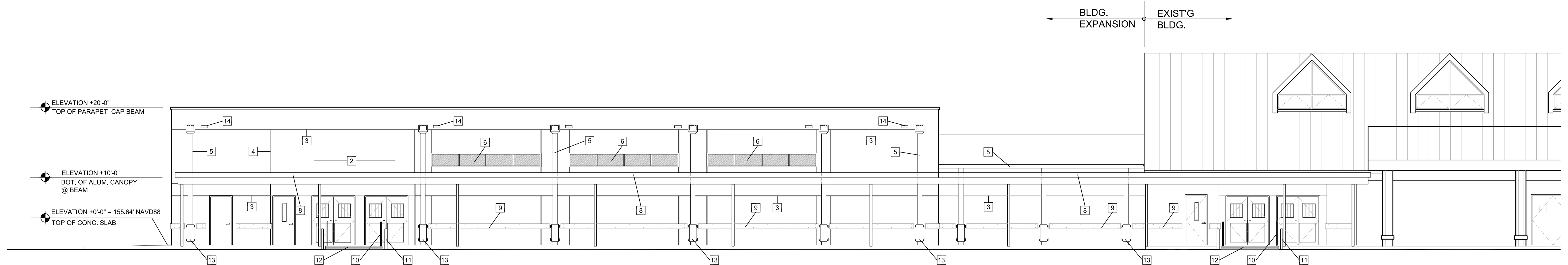
NORTH ELEVATION - WEST END
SCALE: 1/8" = 1'-0"



NORTH ELEVATION - EAST END - PLATFORM EXPANSION
SCALE: 1/8" = 1'-0"



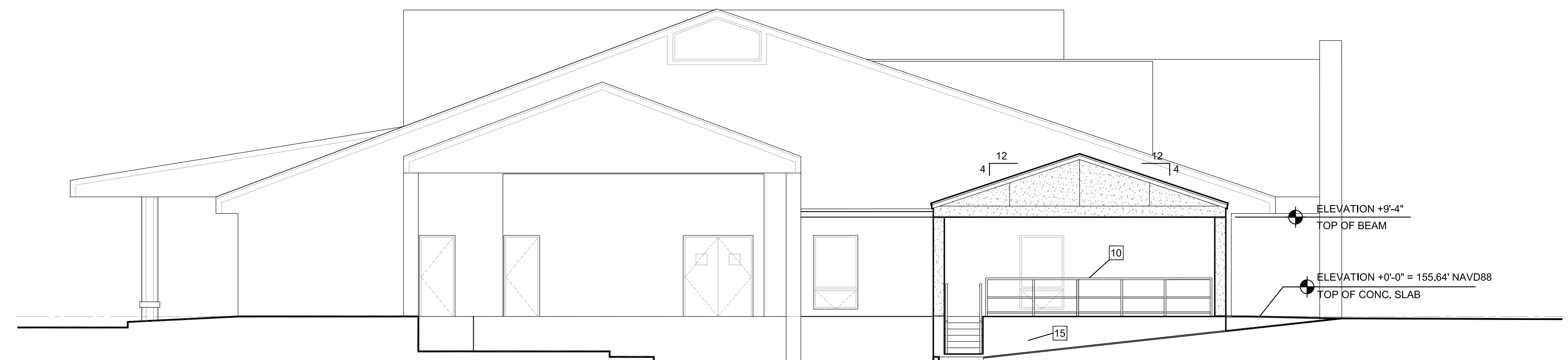
WEST ELEVATION
SCALE: 1/8" = 1'-0"



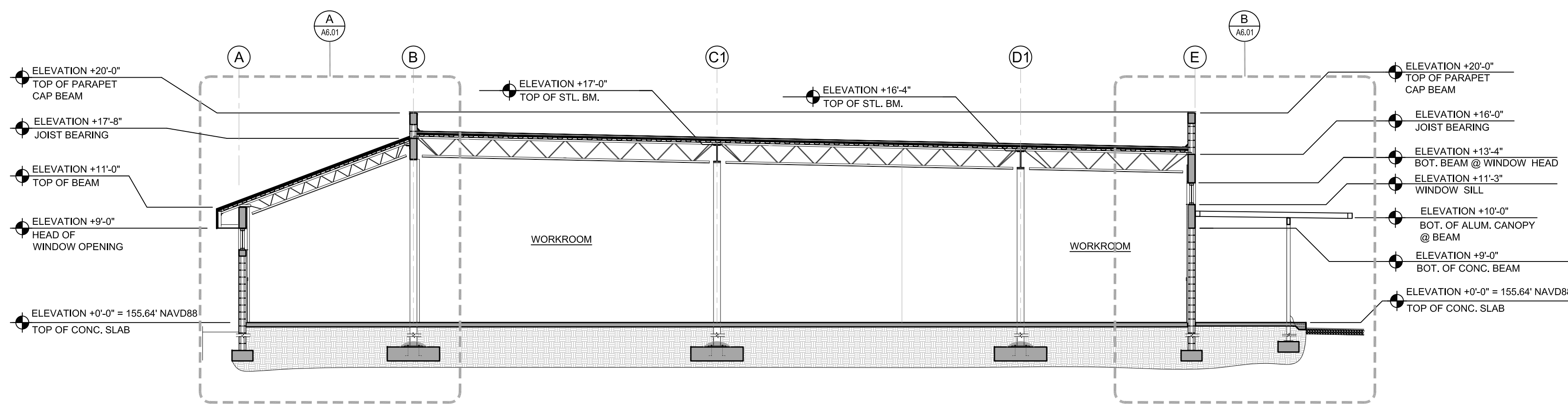
SOUTH ELEVATION - WEST END
SCALE: 1/8" = 1'-0"

LEGEND

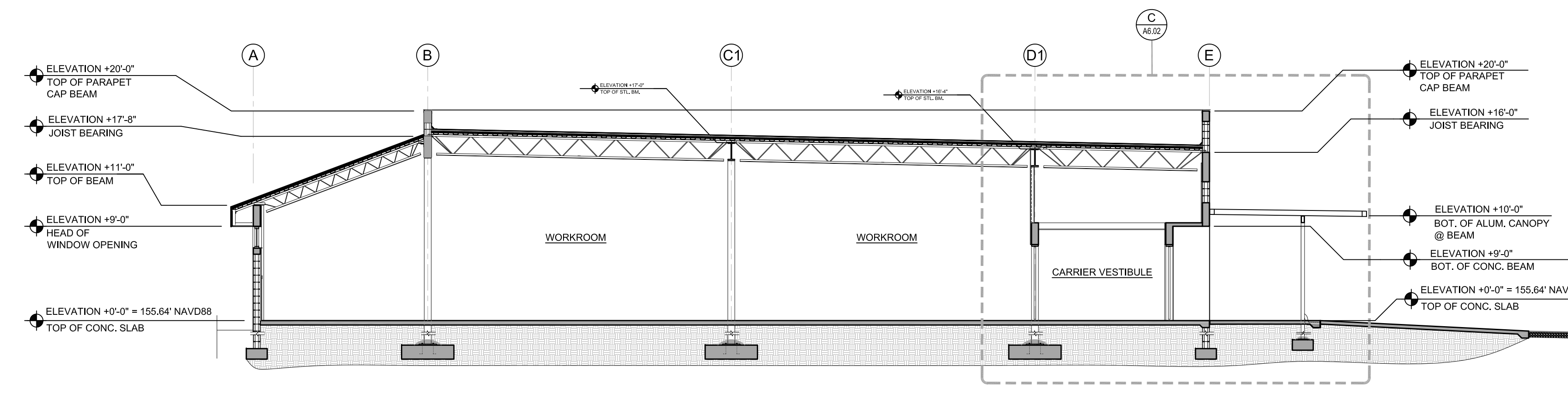
- | | |
|---|---|
| 1 TEXTURED STUCCO FINISH - VERTICAL SCORE | 9 IMPACT WOOD POLYMER BUMPERS |
| 2 LIGHT TEXTURED STUCCO FINISH | 10 GALVANIZED METAL RAILING |
| 3 REVEAL JOINTS | 11 STEEL BOLLARDS |
| 4 EXPANSION JOINTS | 12 CONC. RAMP TO PAVEMENT |
| 5 STAINLESS STEEL GUTTERS, COLLECTOR BOX AND DOWN SPOUTS TO STORM WATER DRAINAGE SYSTEM | 13 STEEL PROTECTING PLATE FOR STAINLESS STEEL DOWN SPOUTS |
| 6 IMPACT RESISTANT STOREFRONT GLASS SYSTEM | 14 EMERGENCY OVER ROOF SCUPPERS |
| 7 6' HIGH CHAINLINK FENCING | 15 EXPOSED CONCRETE |
| 8 PREFABRICATED ALUMINUM CANOPY SYSTEM W/ INTEGRAL DRAINS | 16 STANDING SEAM METAL ROOF |



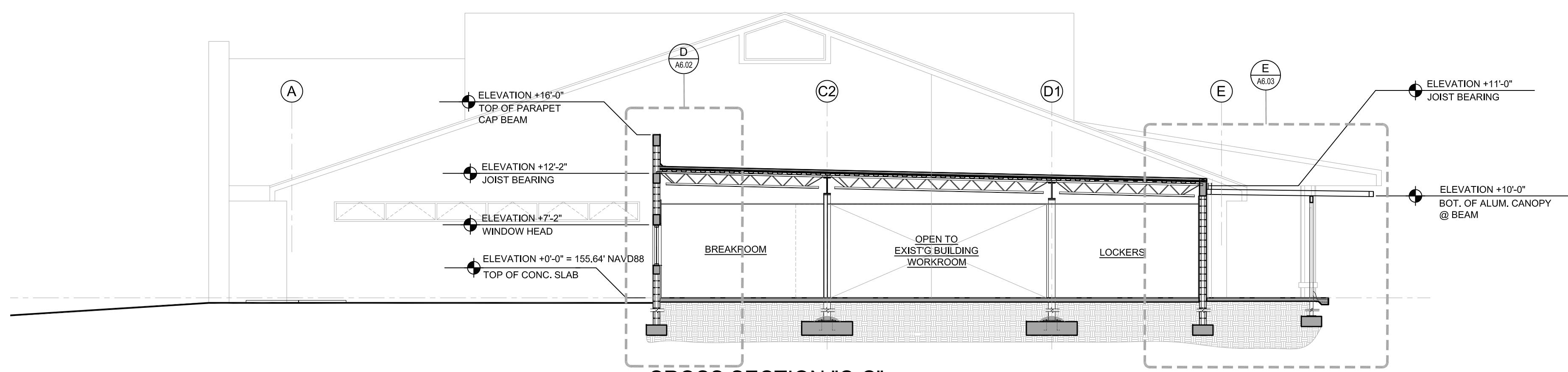
EAST ELEVATION - PLATFORM EXPANSION
SCALE: 1/8" = 1'-0"



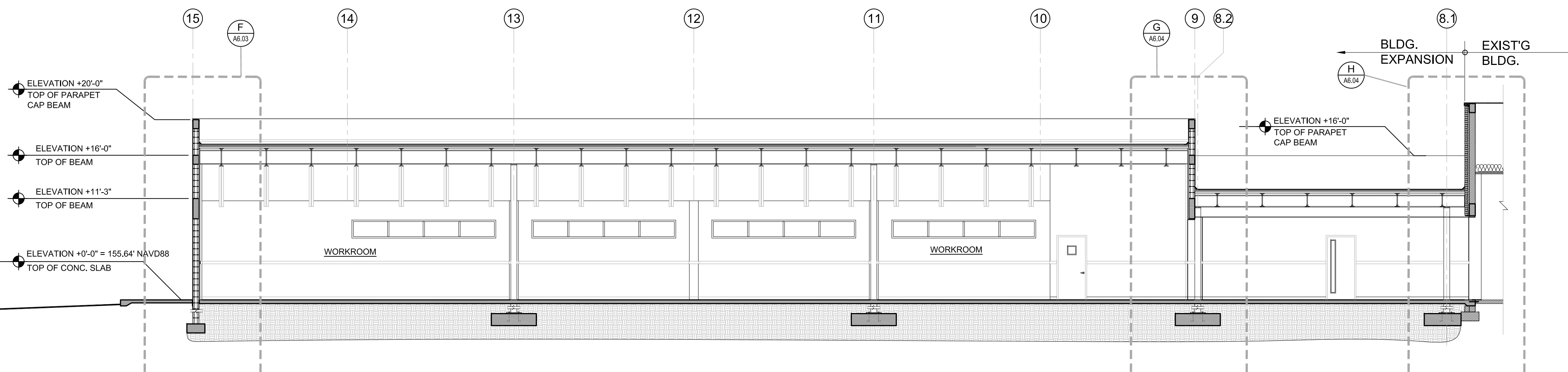
CROSS SECTION "A-A"
SCALE: 1/8" = 1'-0"



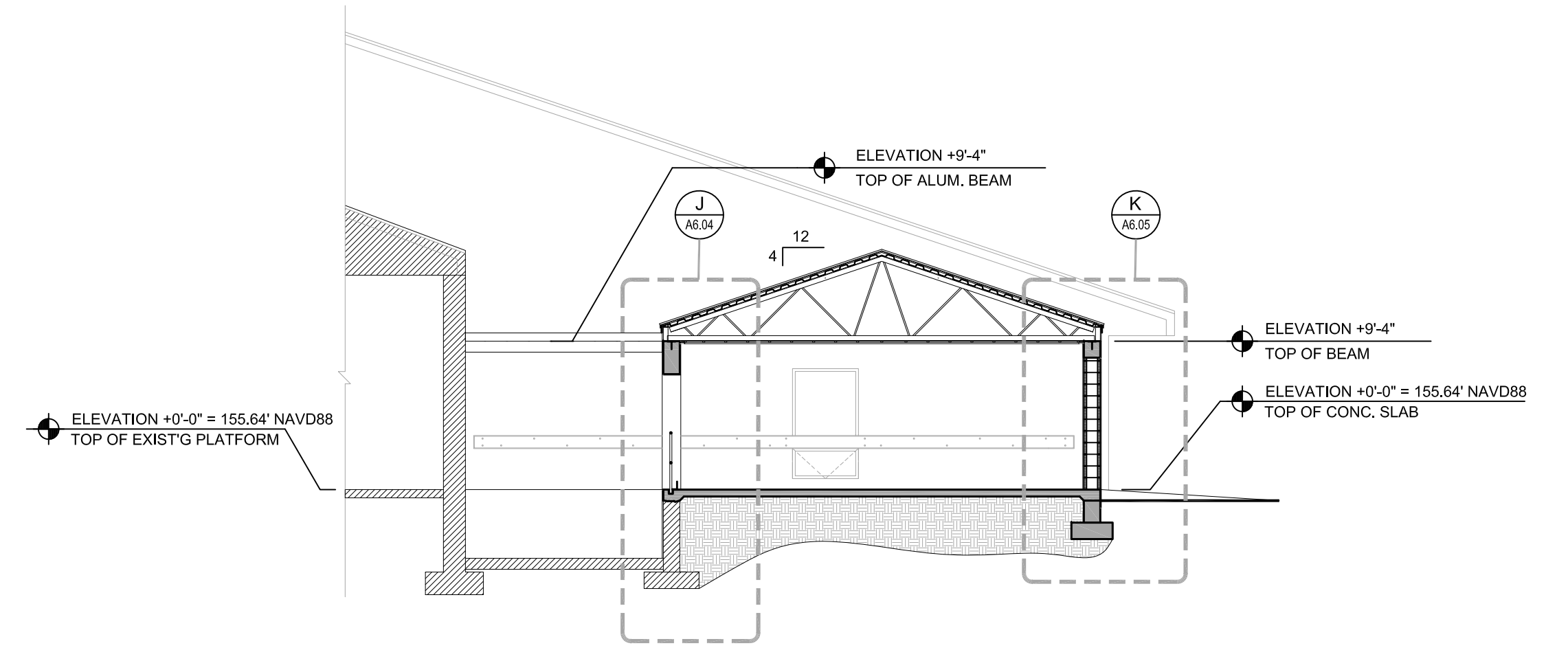
CROSS SECTION "B-B"
SCALE: 1/8" = 1'-0"



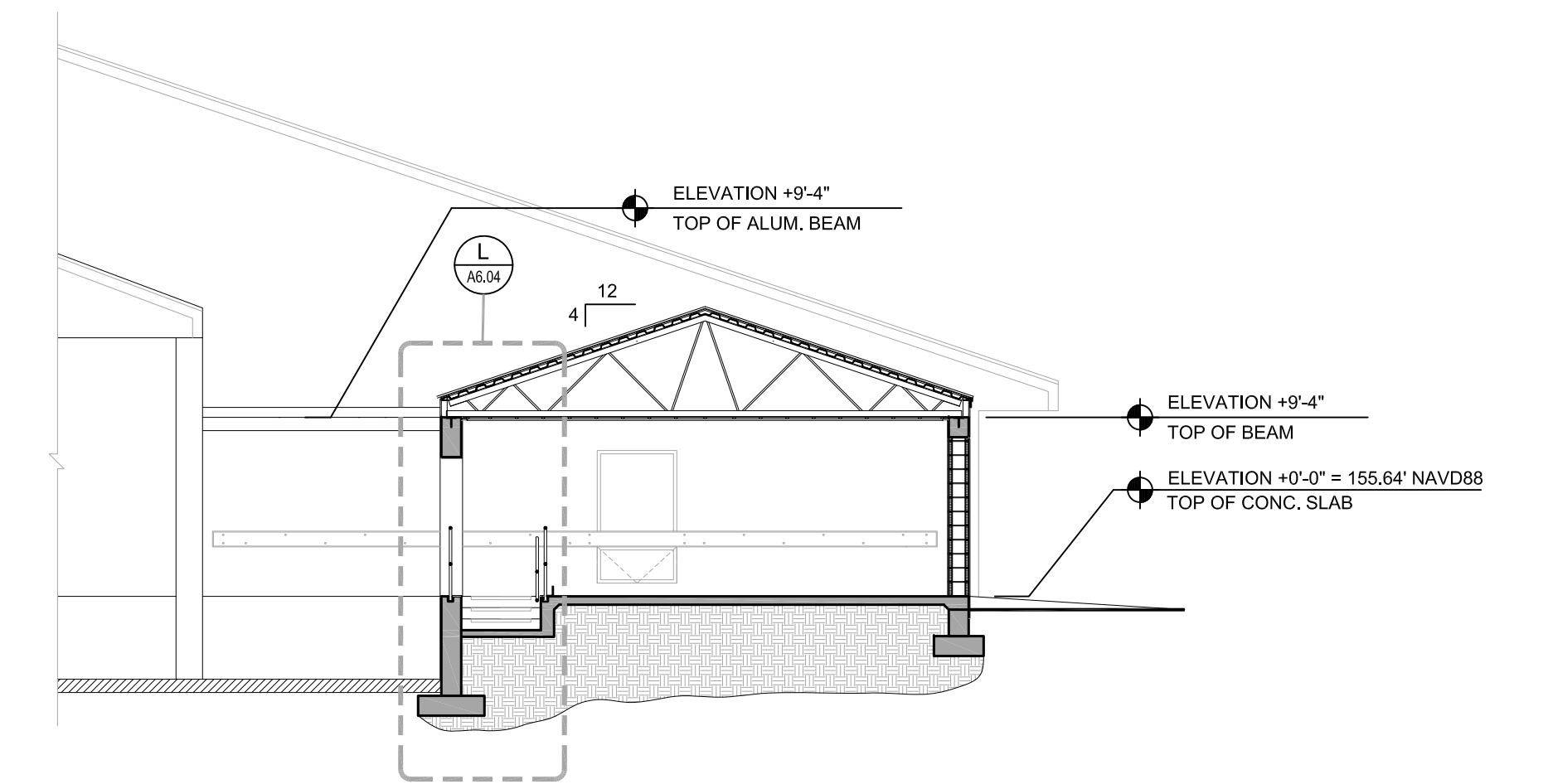
CROSS SECTION "C-C"
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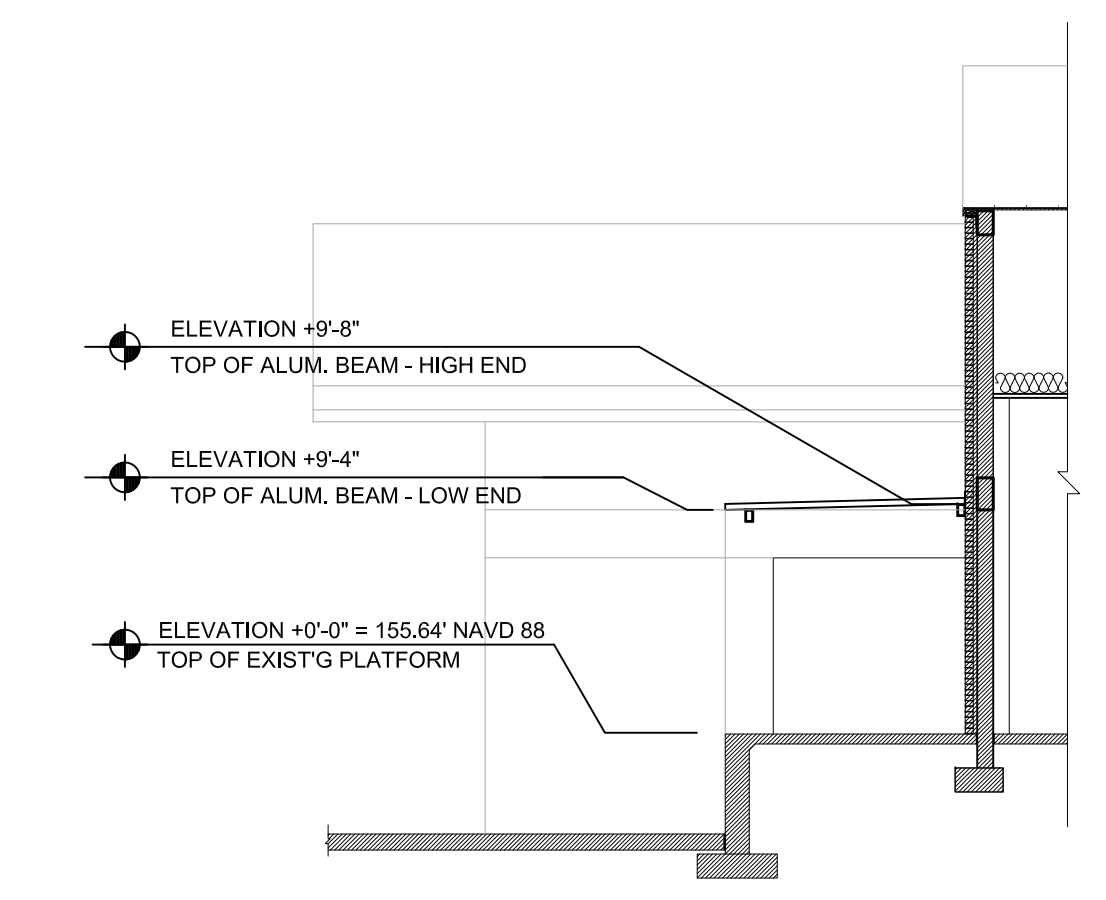
CROSS SECTION "D-D"
SCALE: 1/8" = 1'-0"



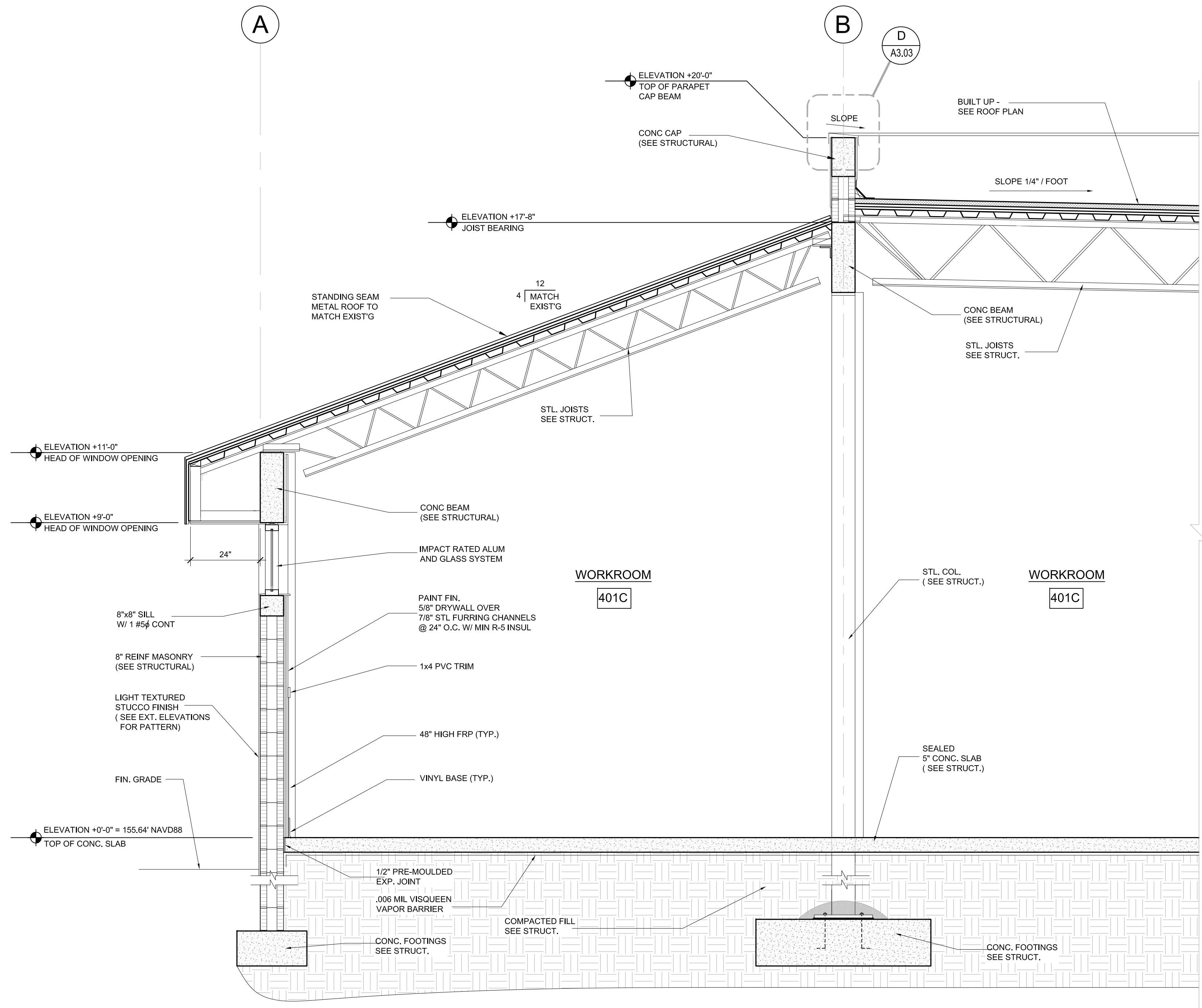
CROSS SECTION "E-E"
SCALE: 1/8" = 1'-0"



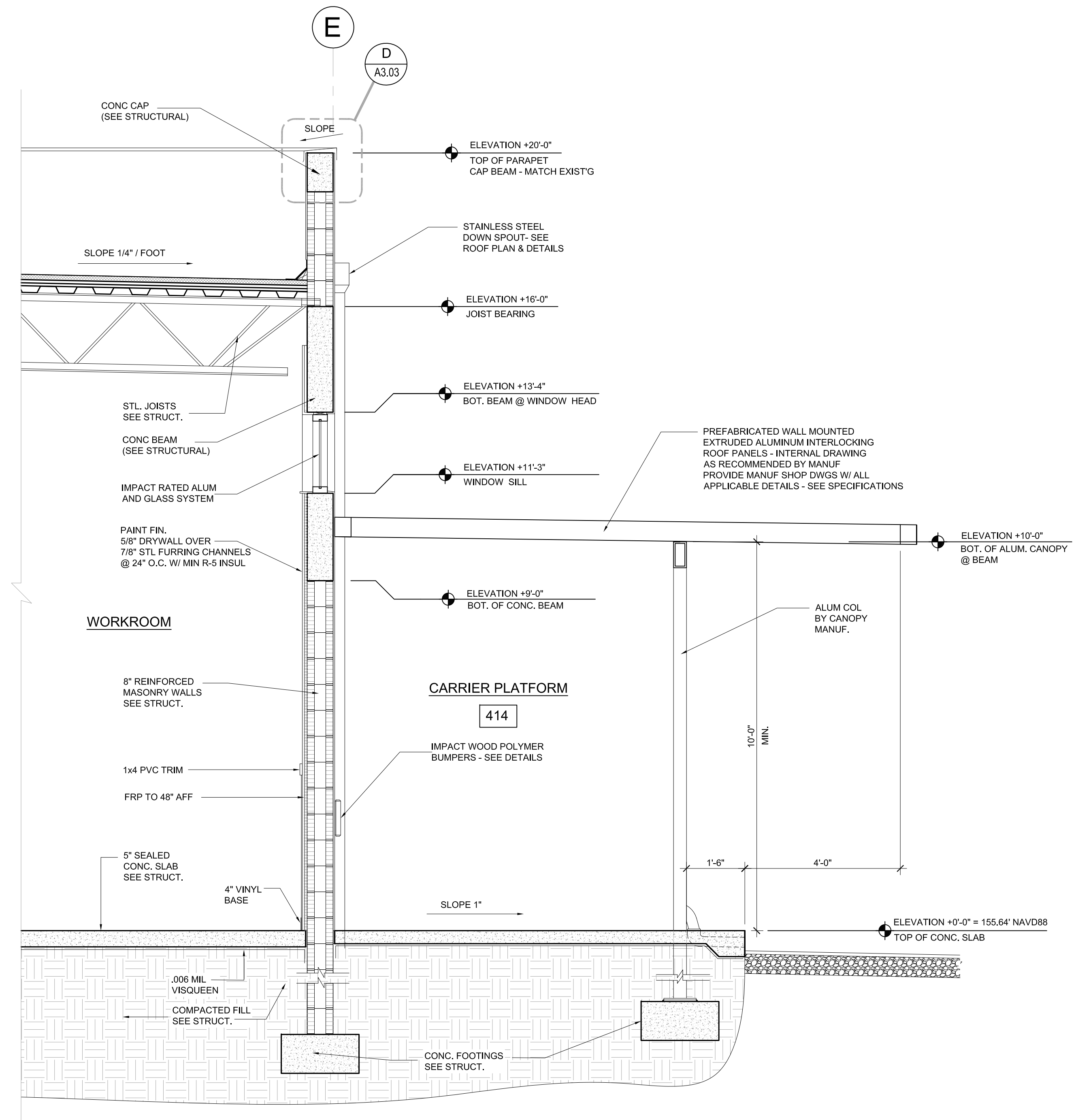
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SCALE: 1/8" = 1'-0"



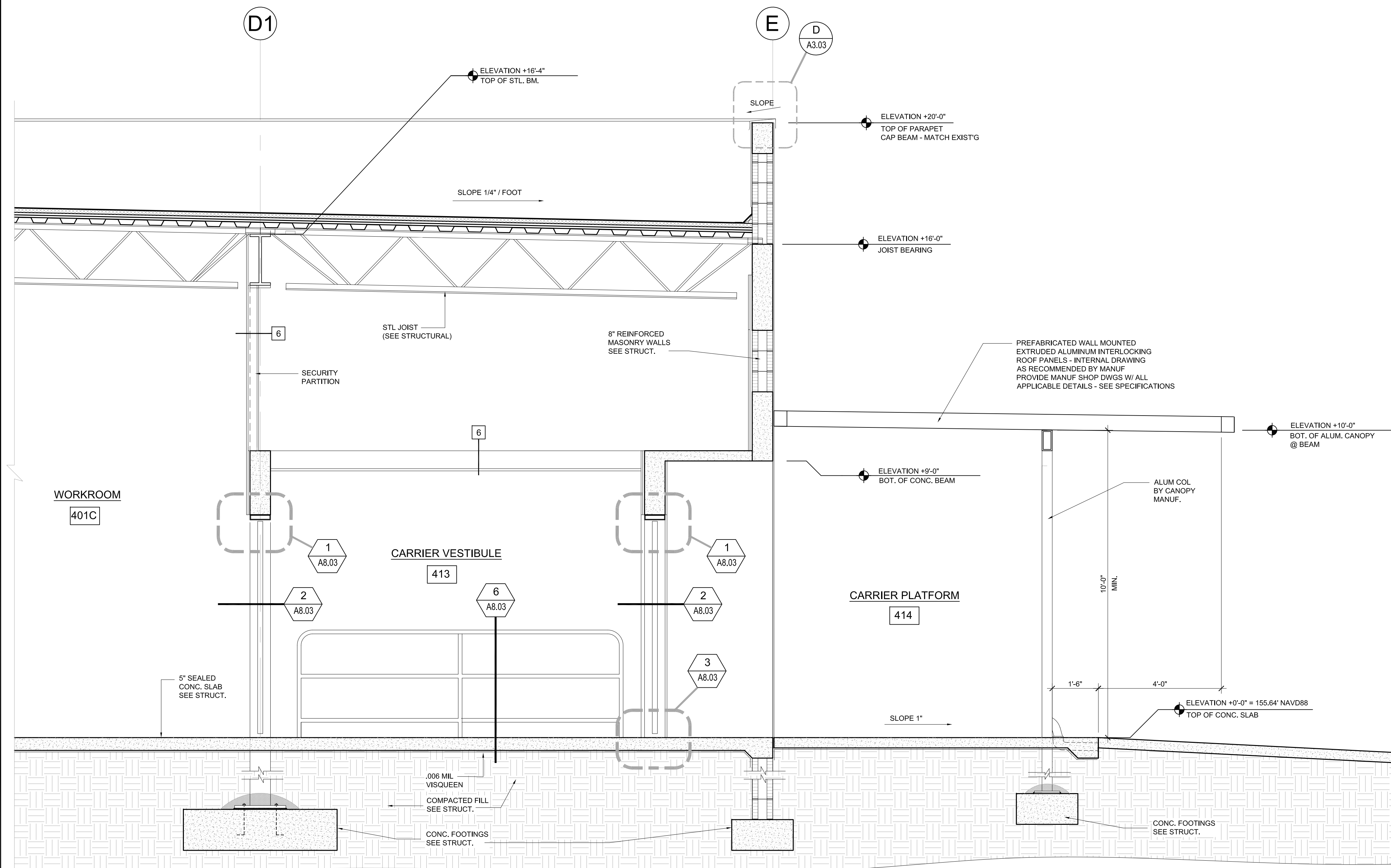
CROSS SECTION "G-G"
SCALE: 1/8" = 1'-0"



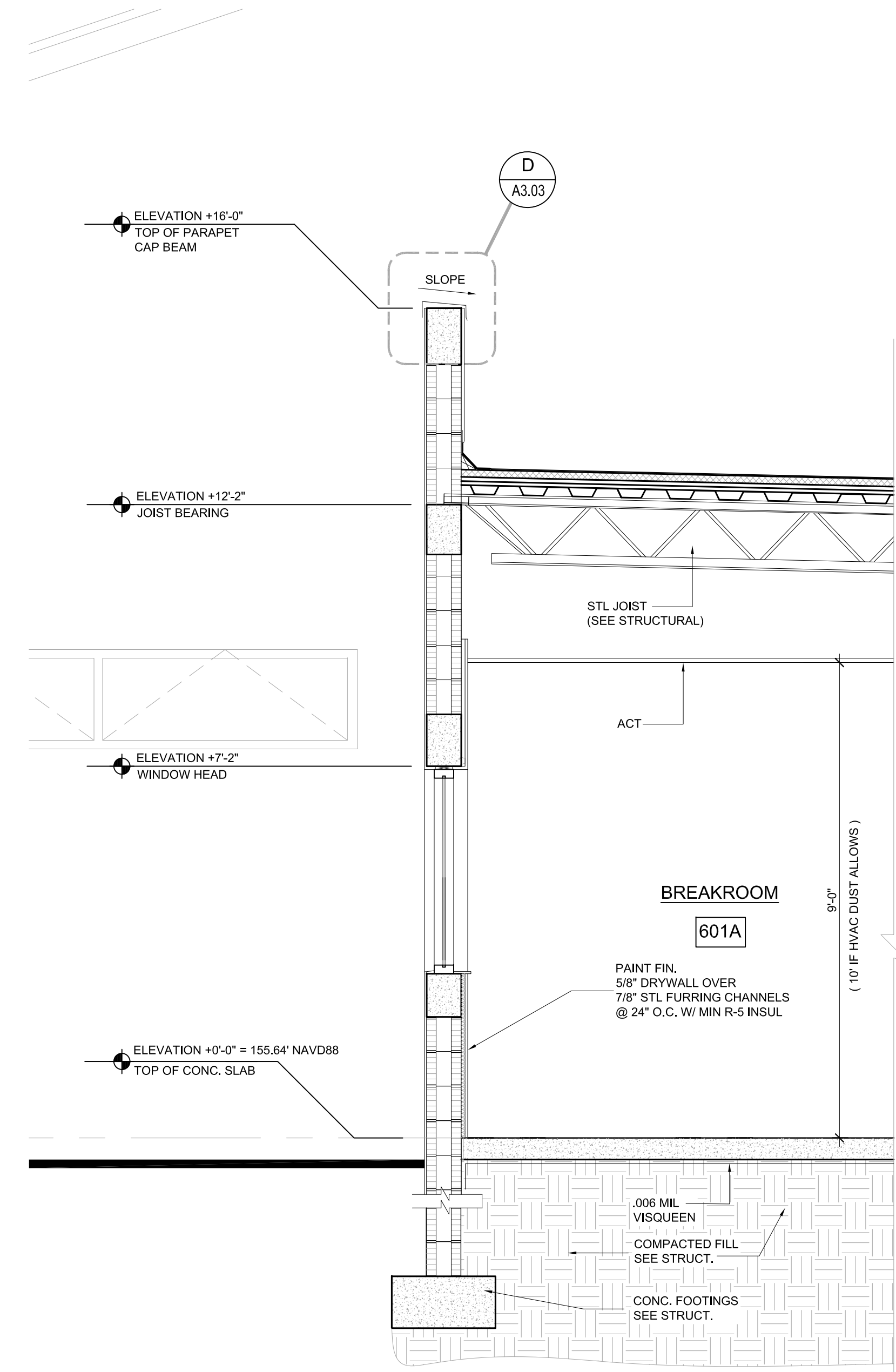
A WALL SECTION
 A6.01 SCALE: 1/2" = 1'-0"



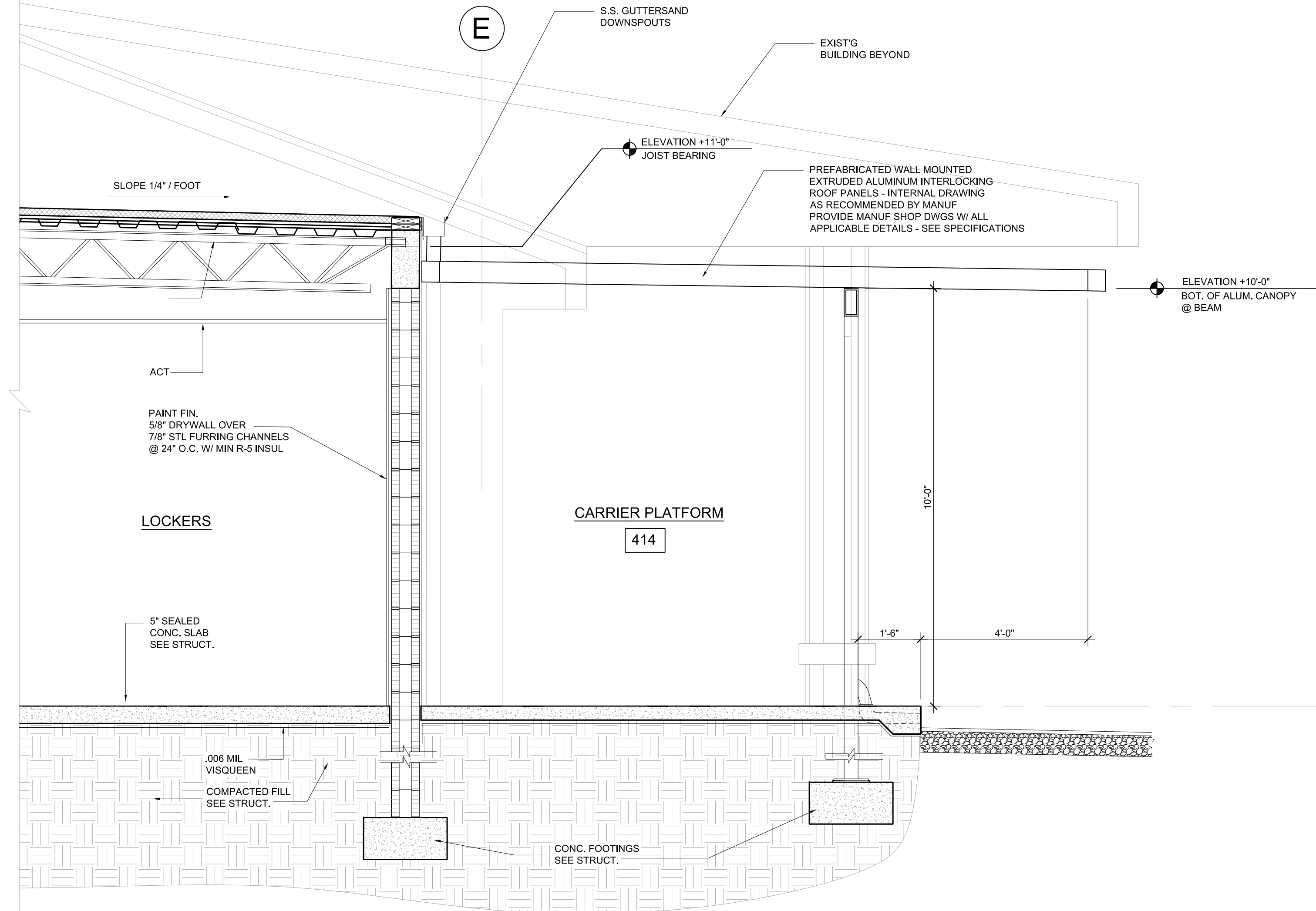
B WALL SECTION
 A6.01 SCALE: 1/2" = 1'-0"



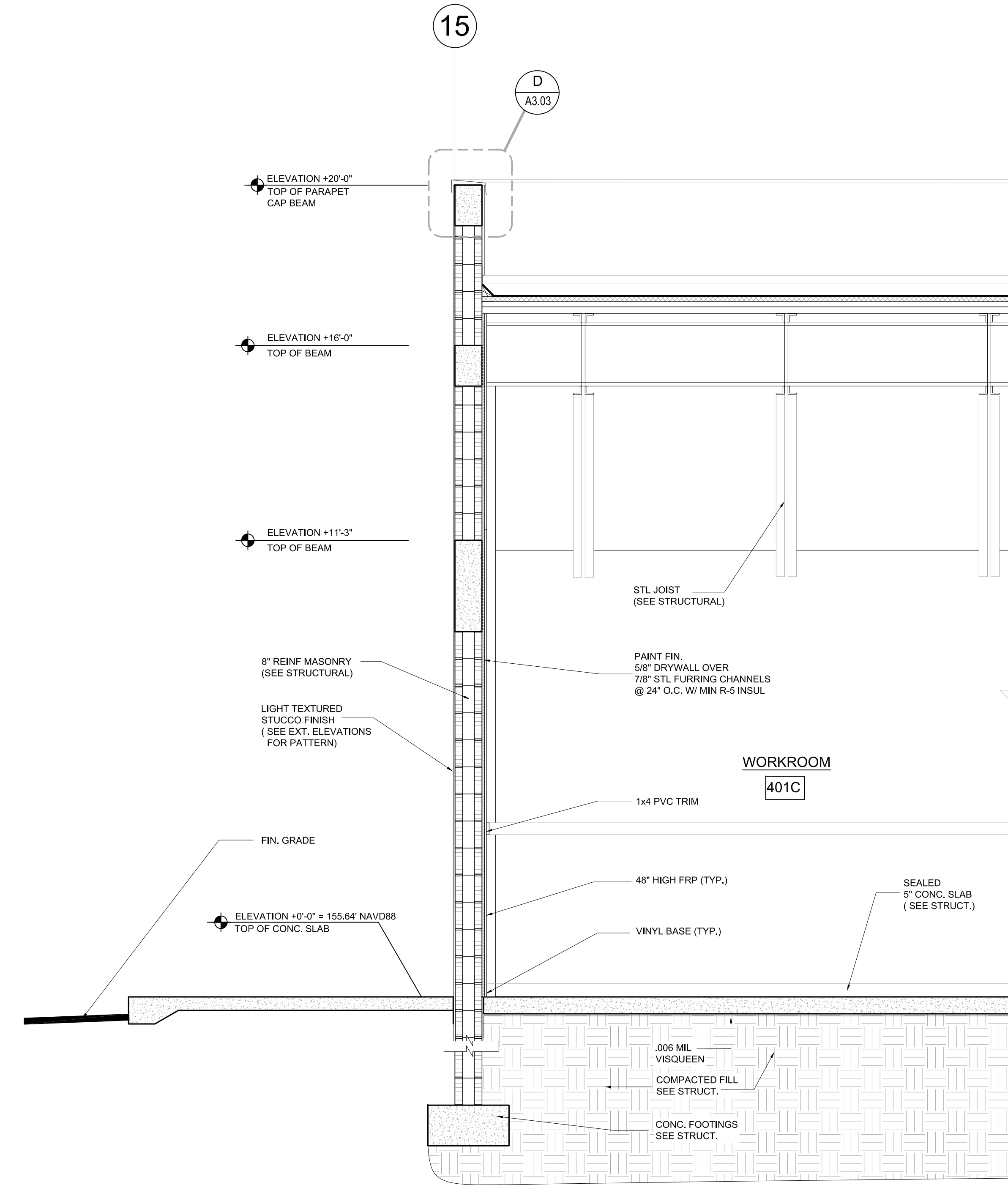
C WALL SECTION
A6.02 SCALE: 1/2" = 1'-0"



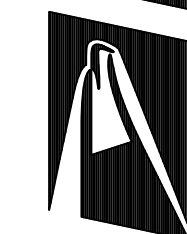
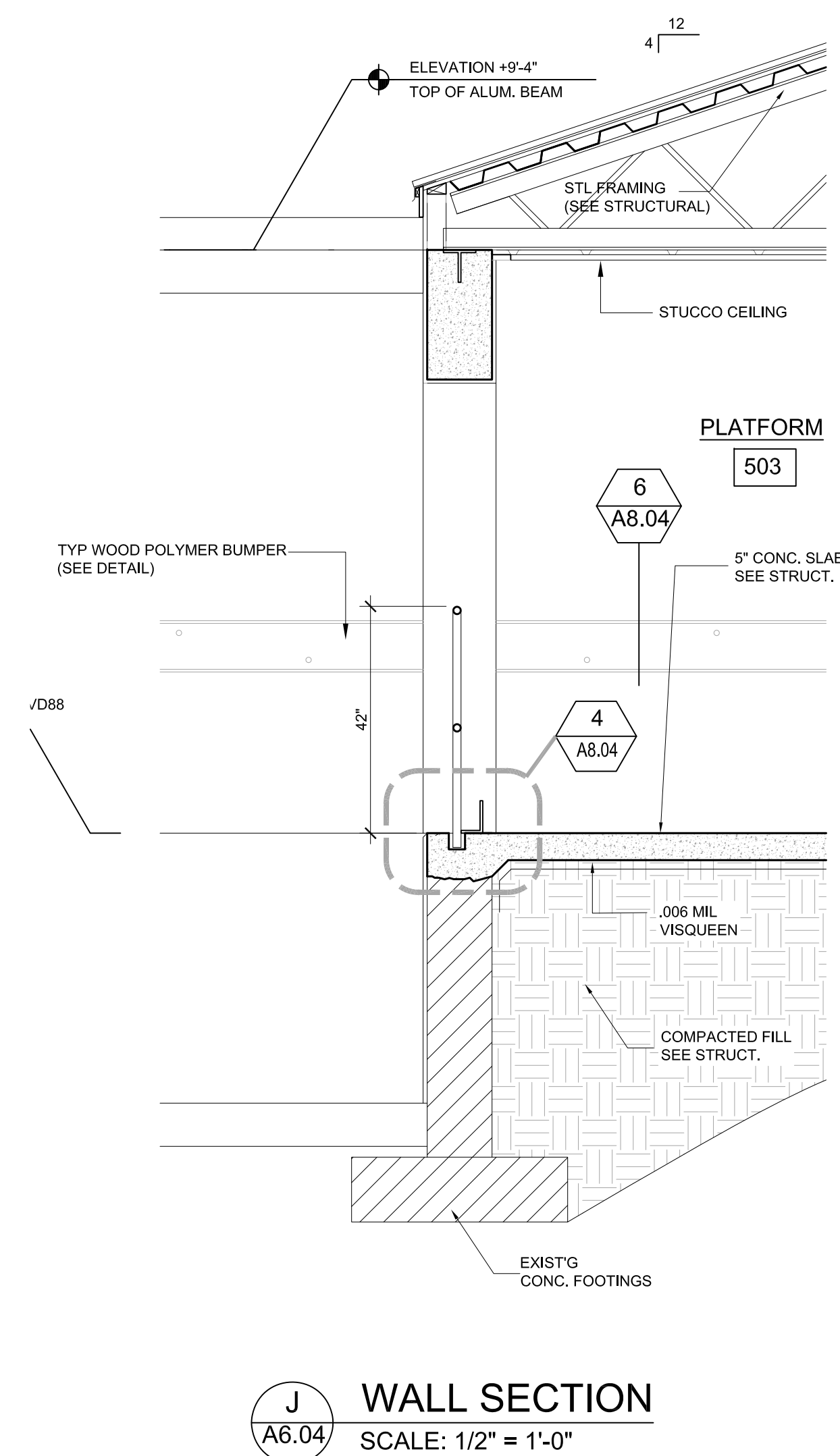
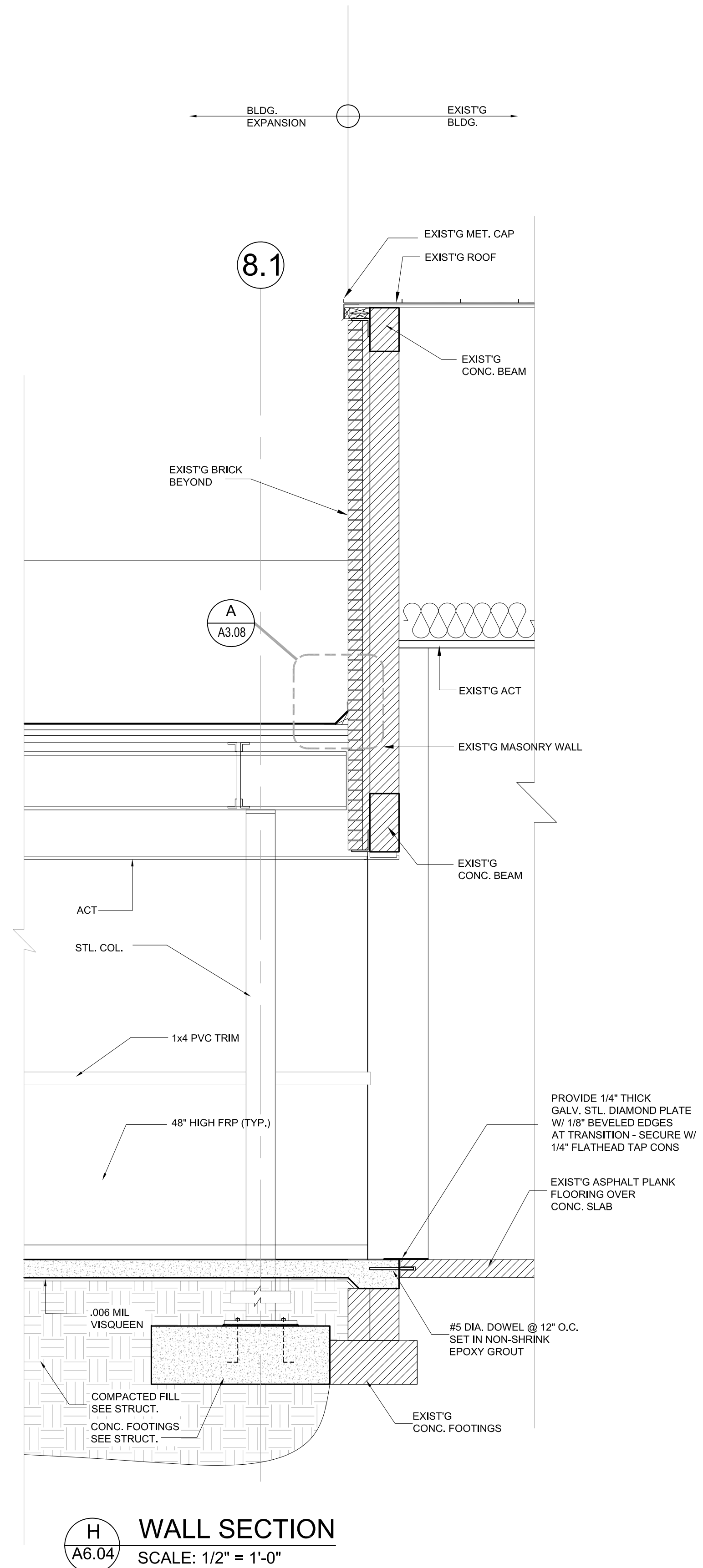
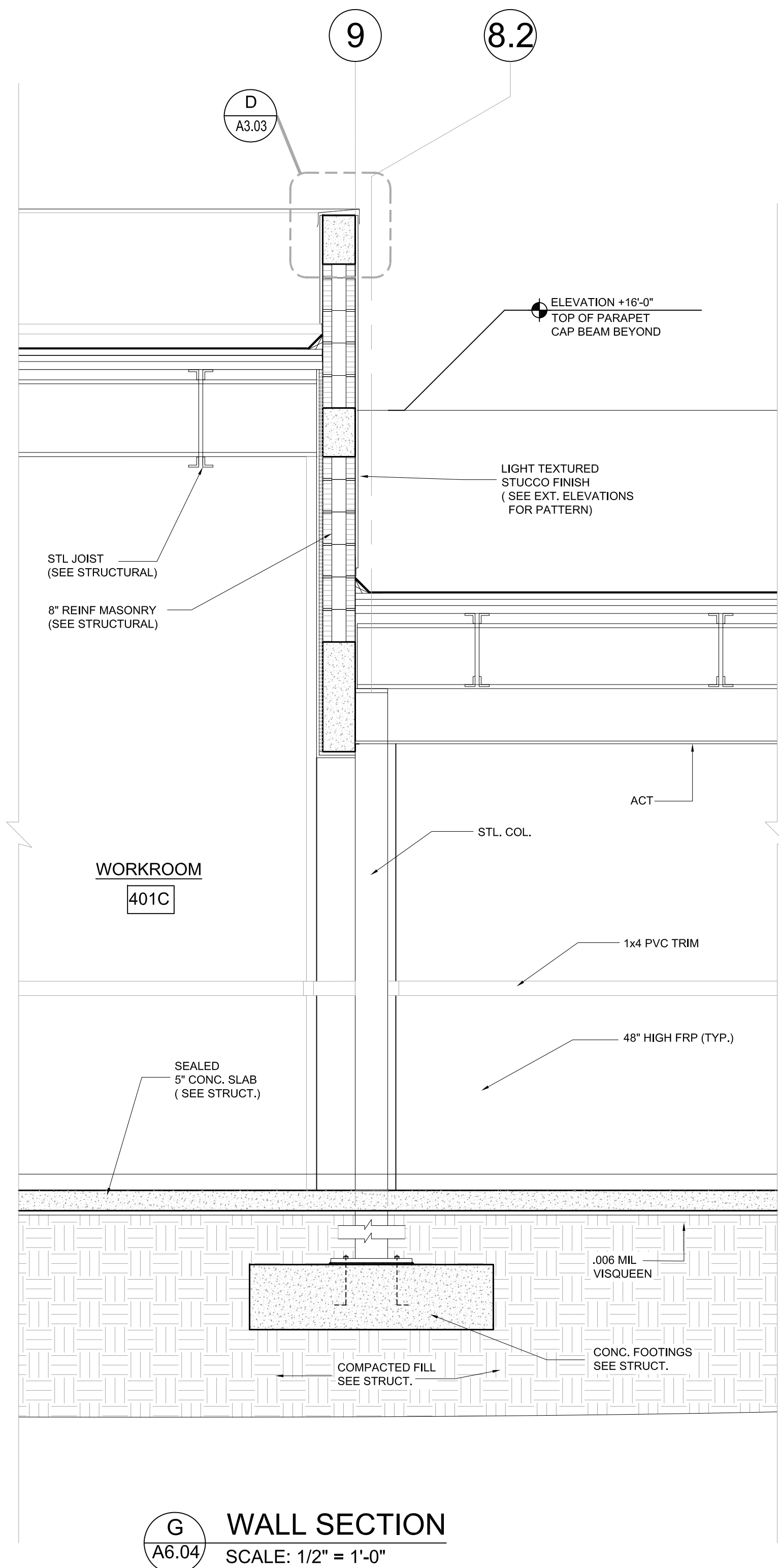
D WALL SECTION
A6.02 SCALE: 1/2" = 1'-0"



E WALL SECTION
A6.03 SCALE: 1/2" = 1'-0"

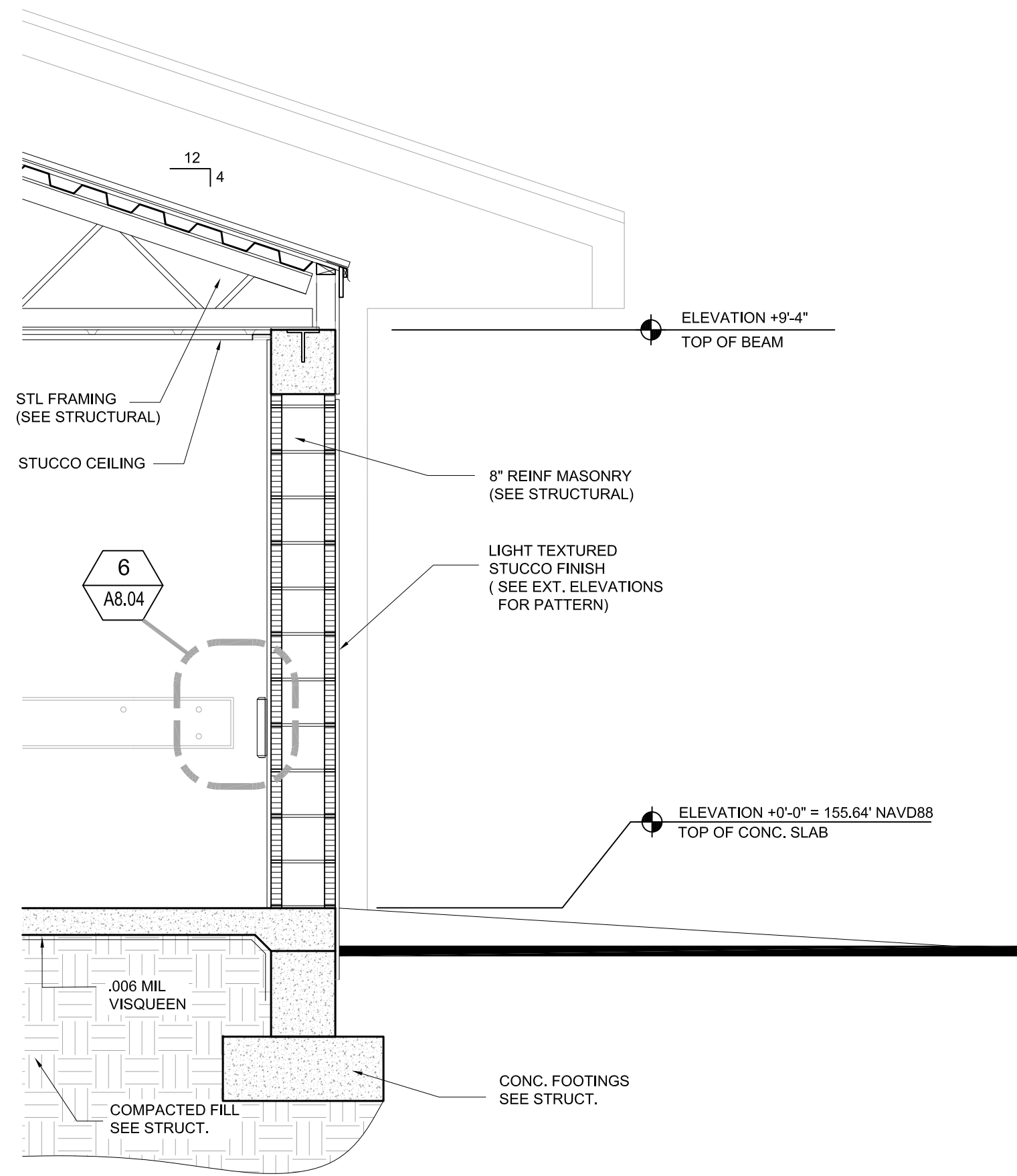


F WALL SECTION
A6.03 SCALE: 1/2" = 1'-0"

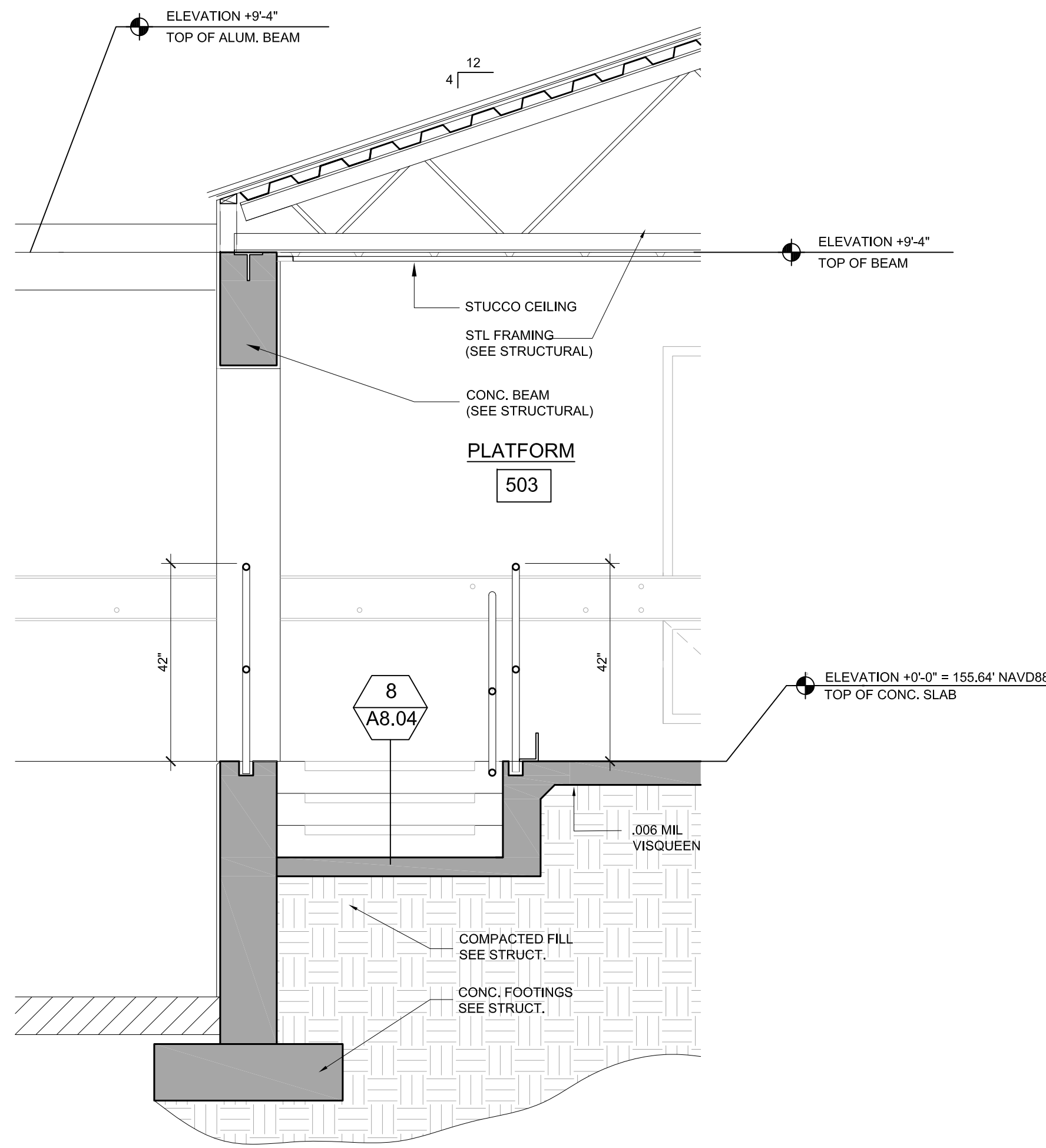


**UNITED STATES
POSTAL SERVICE.**

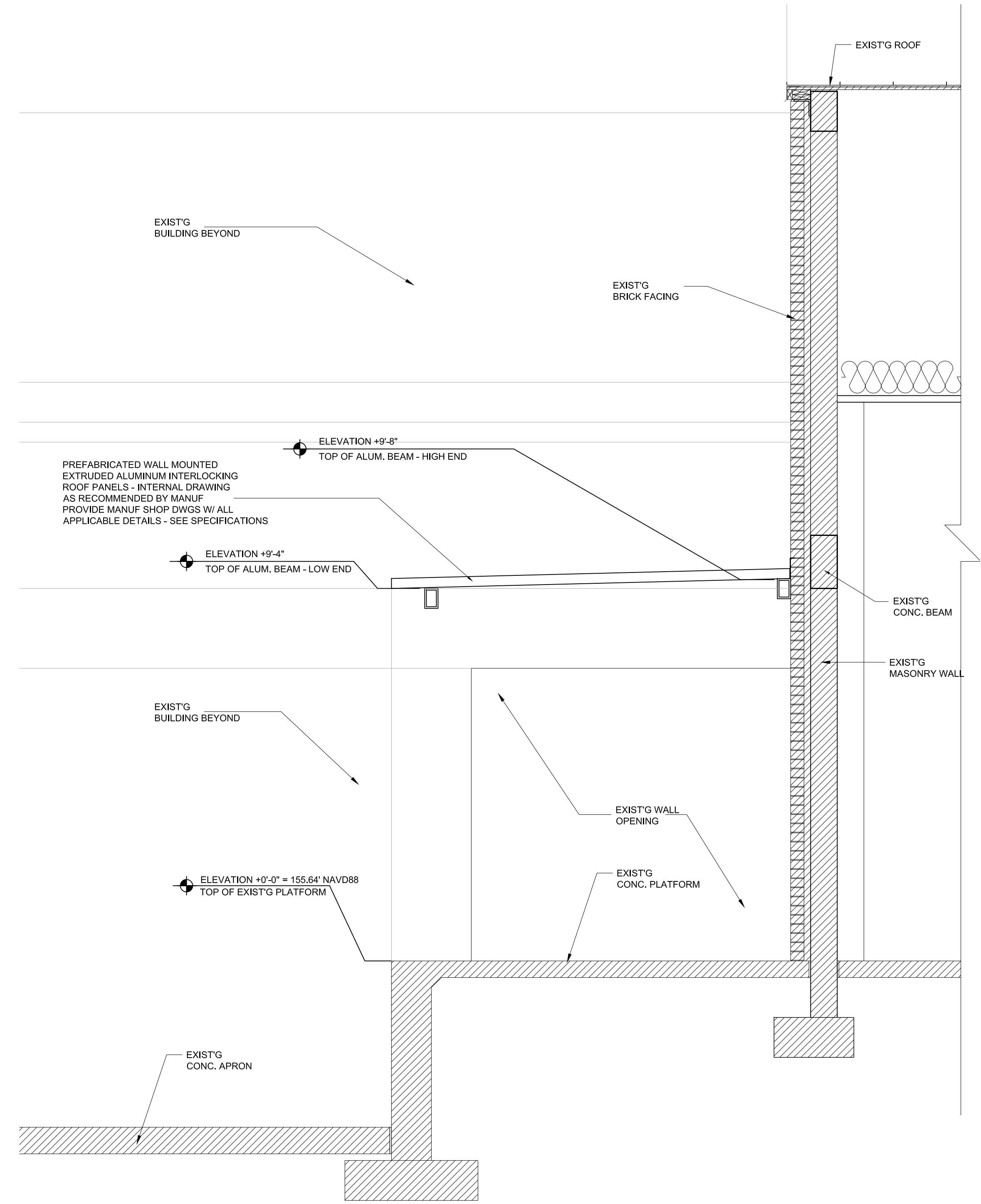
BUILDING & PARKING EXPANSION
DAVENPORT MFO
1 SOUTH BLVD. E.
DAVENPORT, FLORIDA 33837



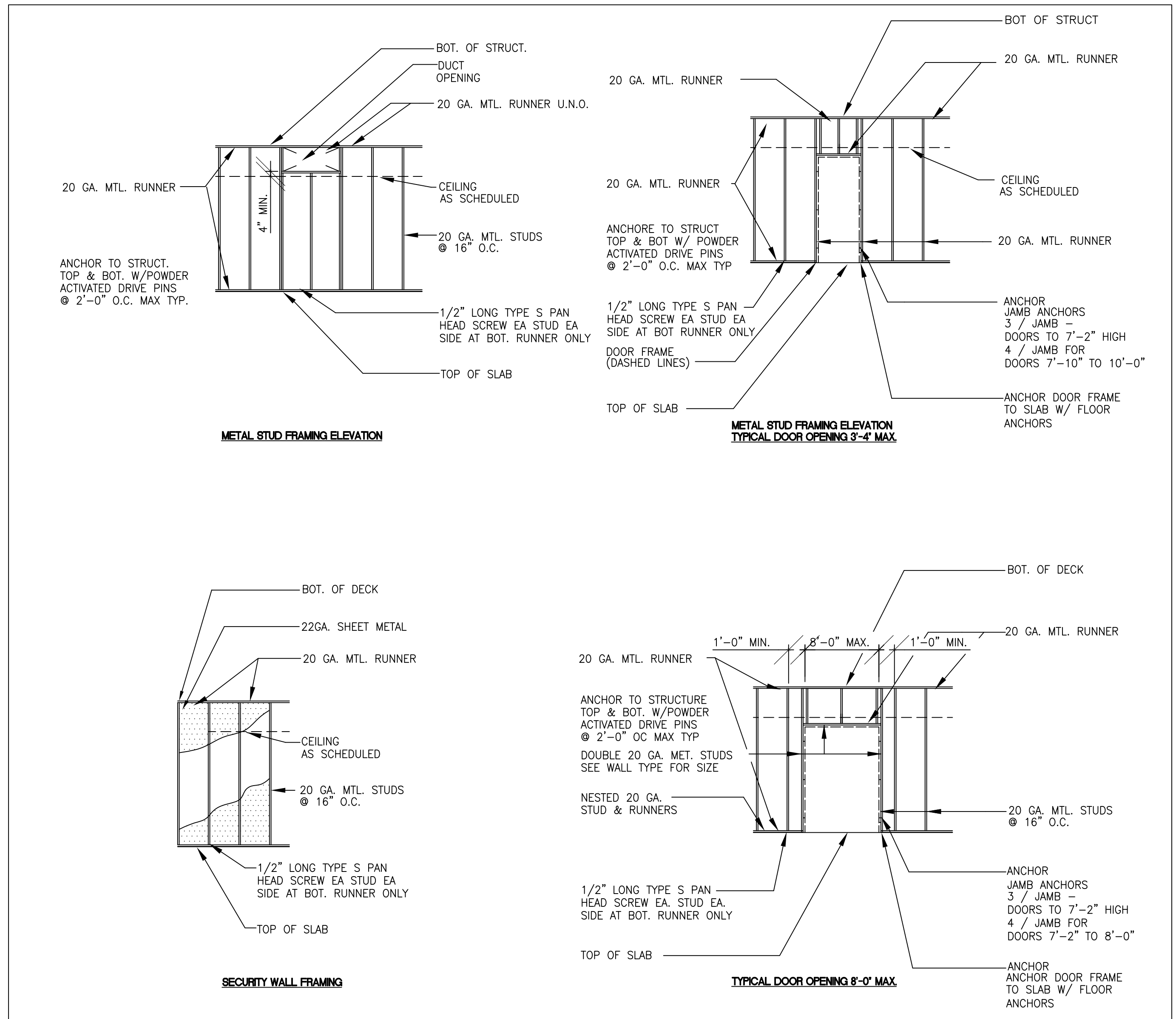
K
A6.05 WALL SECTION
SCALE: 1/2" = 1'-0"



L
A6.05 WALL SECTION
SCALE: 1/2" = 1'-0"

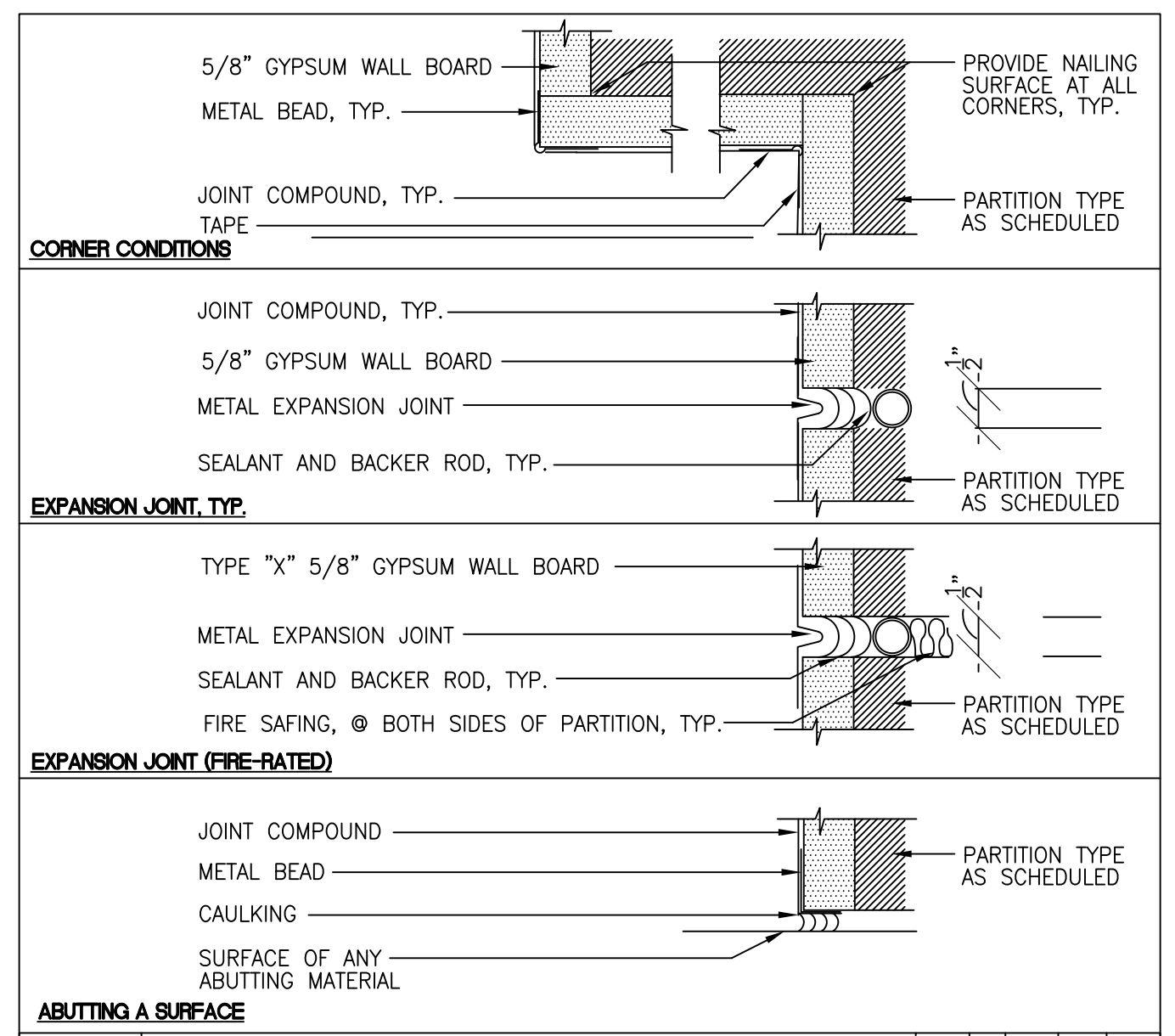


M
A6.05 WALL SECTION
SCALE: 1/2" = 1'-0"

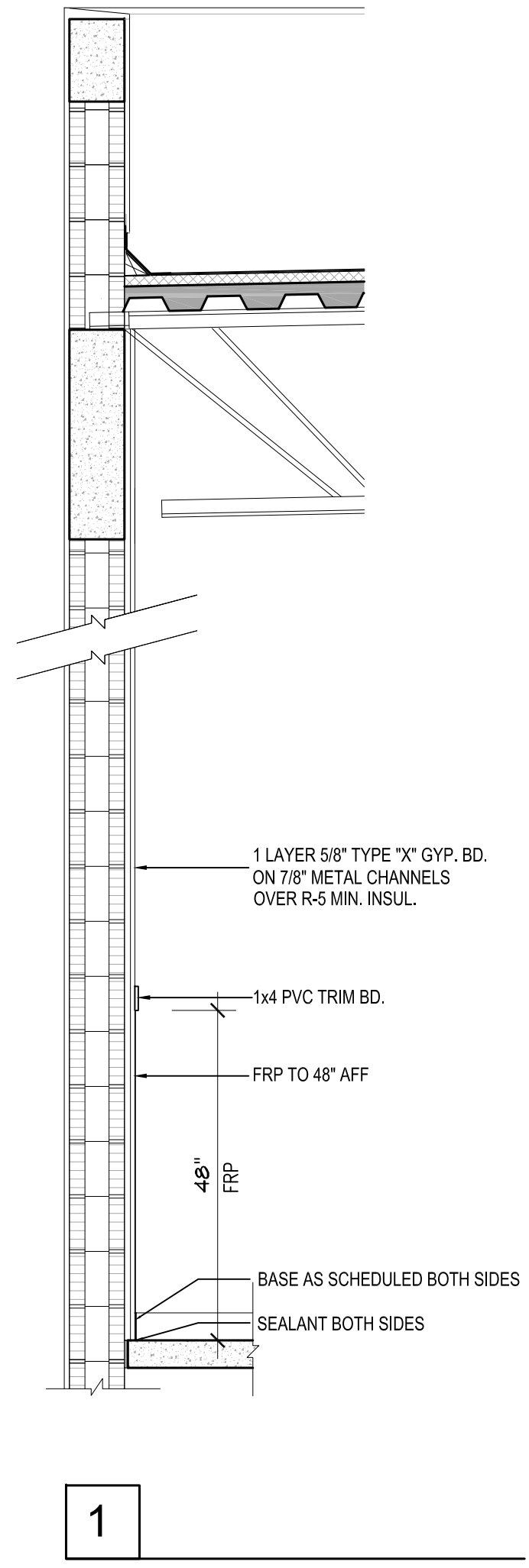


NOTE:
1. USE DOUBLE STUDS AT ALL OPENINGS, TYP.

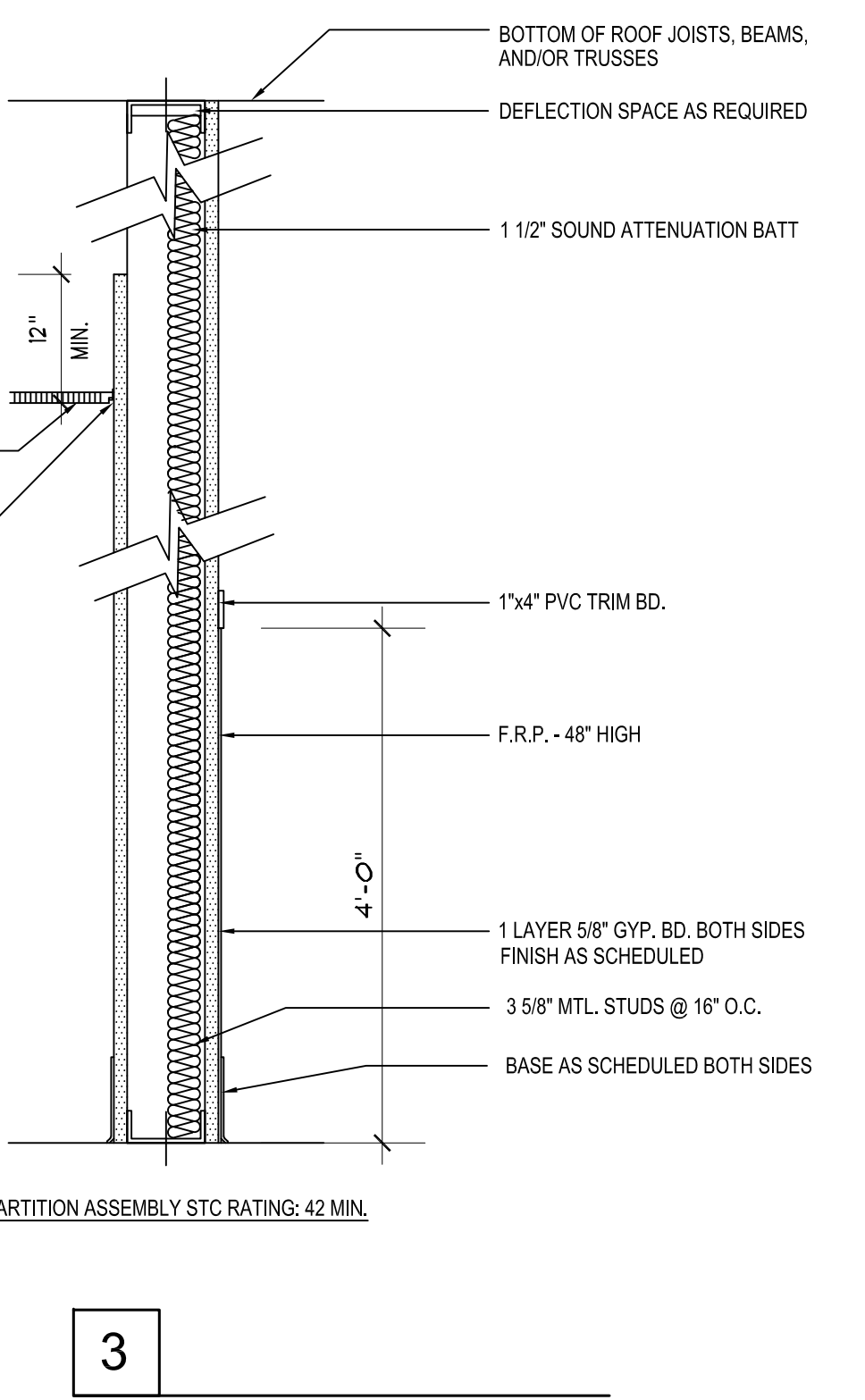
1 A7.01	Detail: INTERIOR PARTITIONS - ELEVATIONS • TYPICAL STUD FRAMING	Fac. Ch. Sect. Para. Detail
	G2-7-0c	
CAD FILE: \usps\library\details\G2-7-0c.dwg	Scale: 1/4" = 1'-0"	USPS SOL Issue: 10/1/2021 Last Revised: 6/30/2016



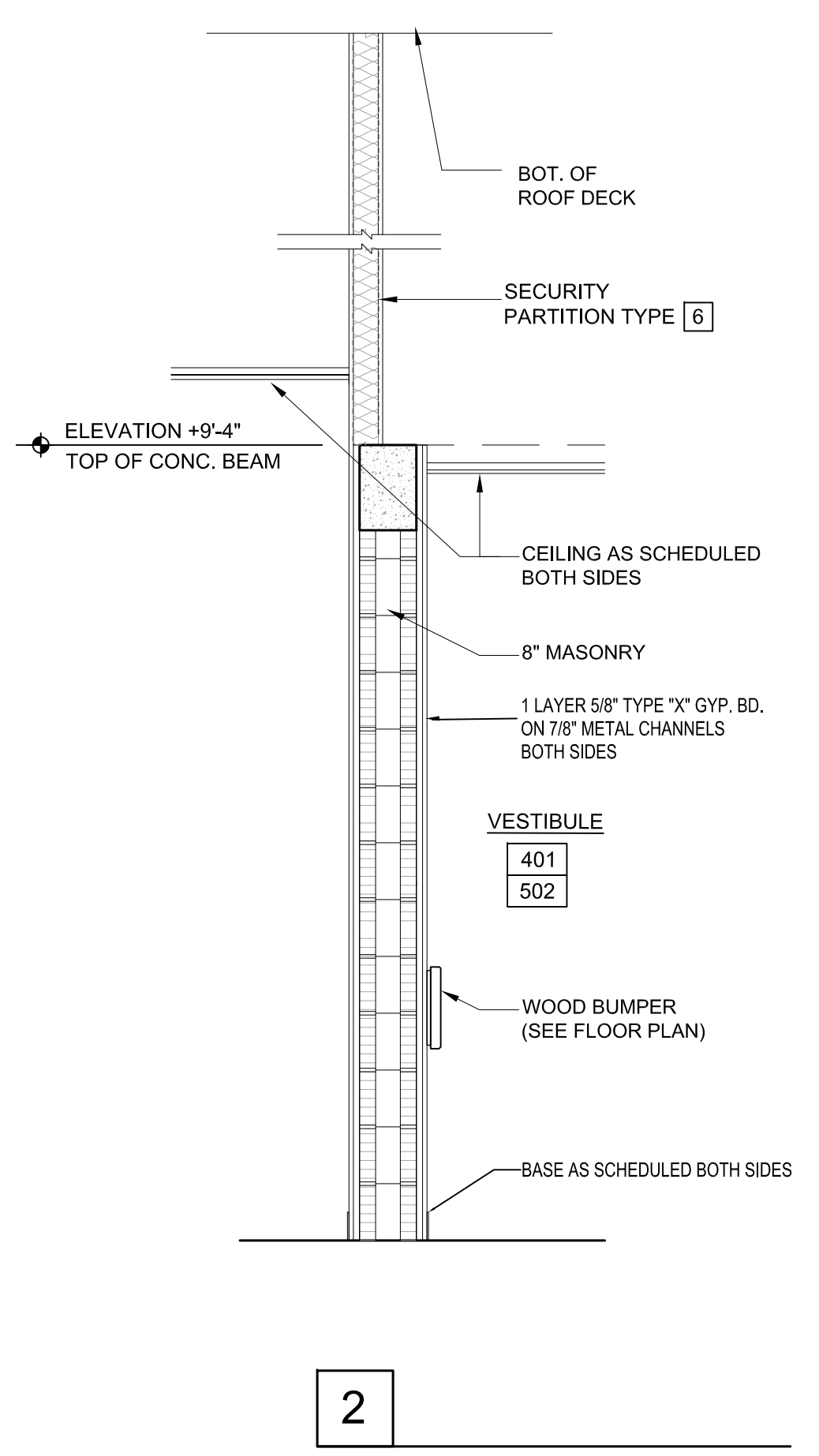
2 A7.01	Detail: INTERIOR PARTITIONS TYPICAL GYPSUM BOARD DETAILS	Fac. Ch. Sect. Para. Detail
	G2-7-0a	
CAD FILE: \usps\library\details\G2-7-0a.dwg	Scale: 6" = 1'-0"	USPS SOL Issue: 10/1/2021 Last Revised: 3/17/1997



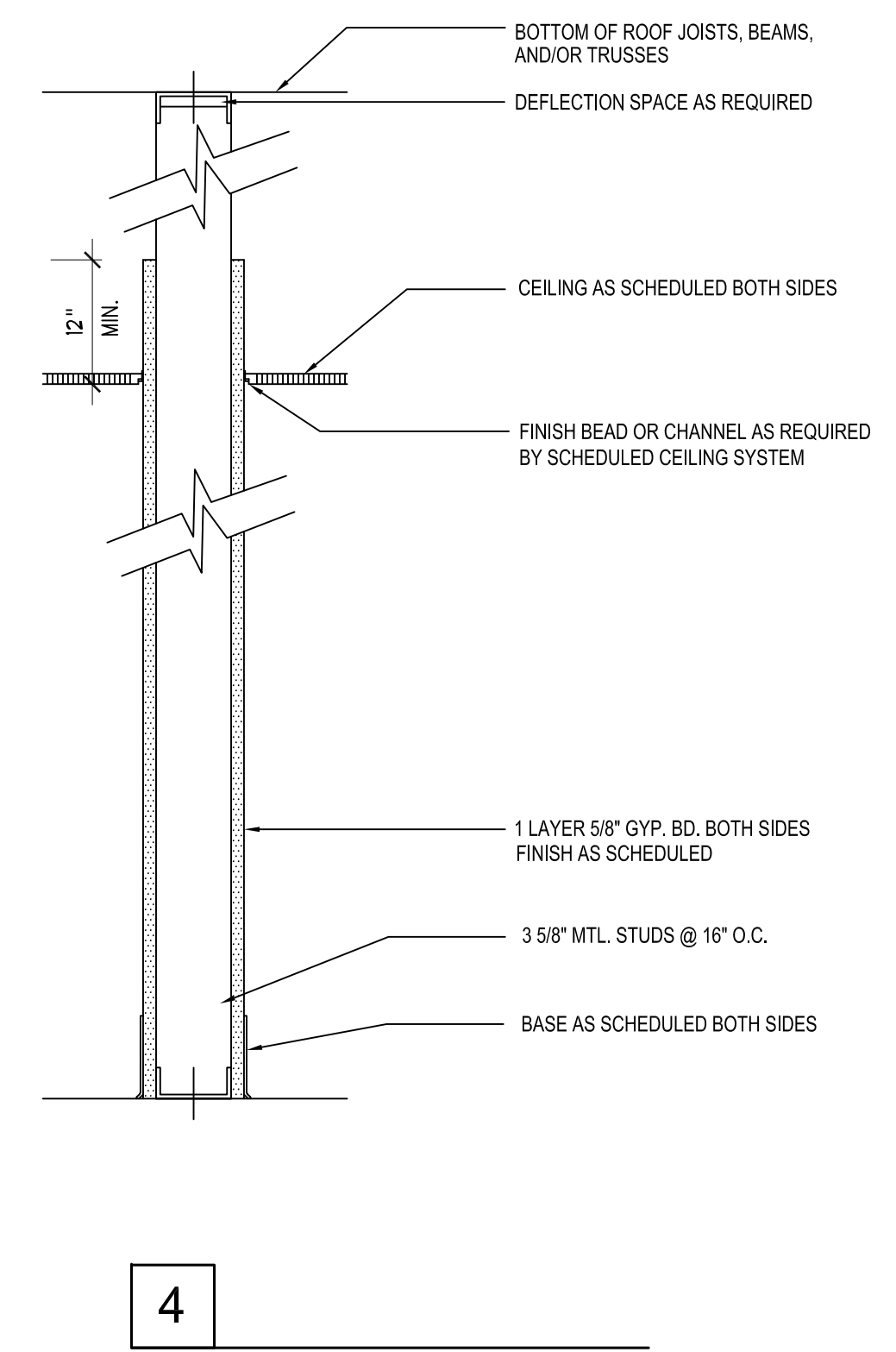
NOTE:
1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.



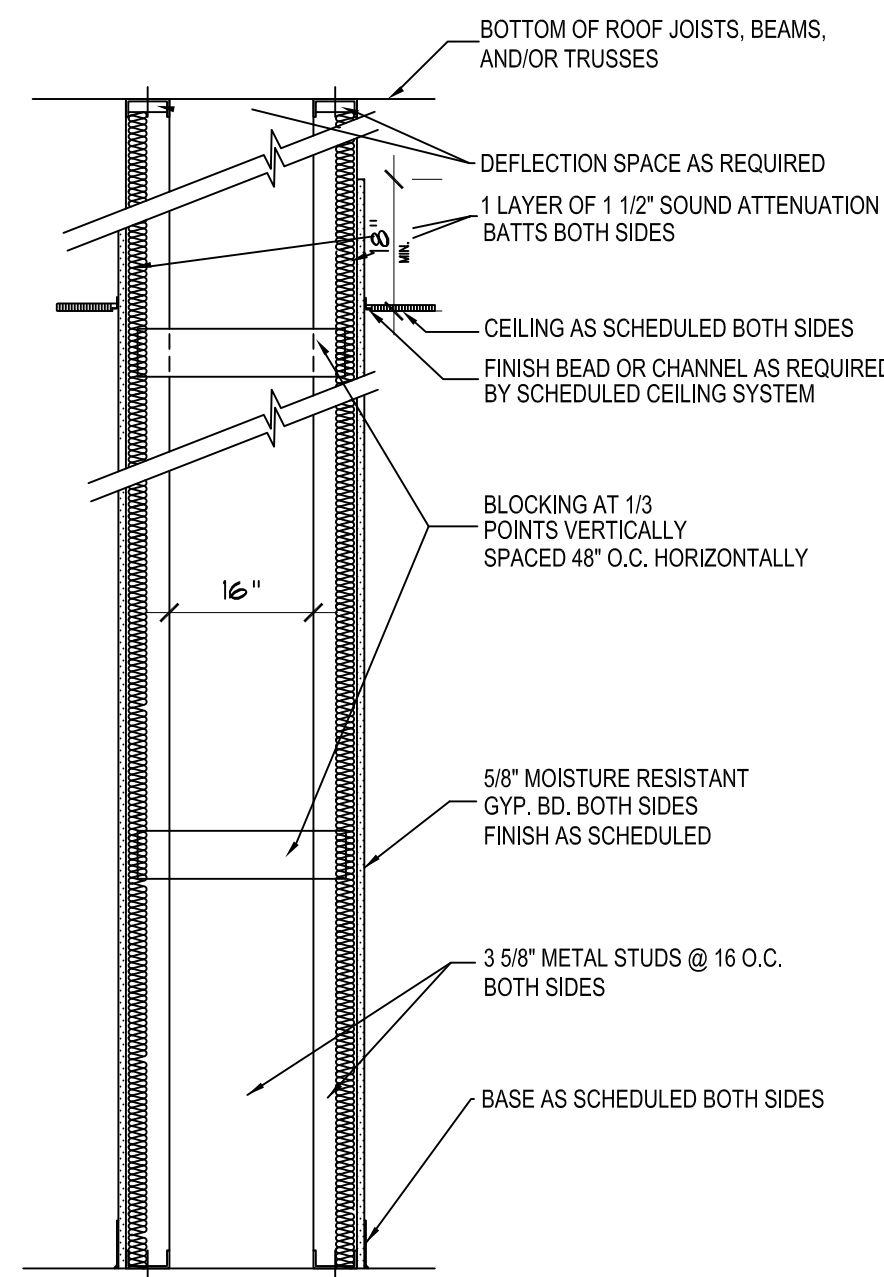
WALL & PARTITION TYPES



NOTE:
1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.

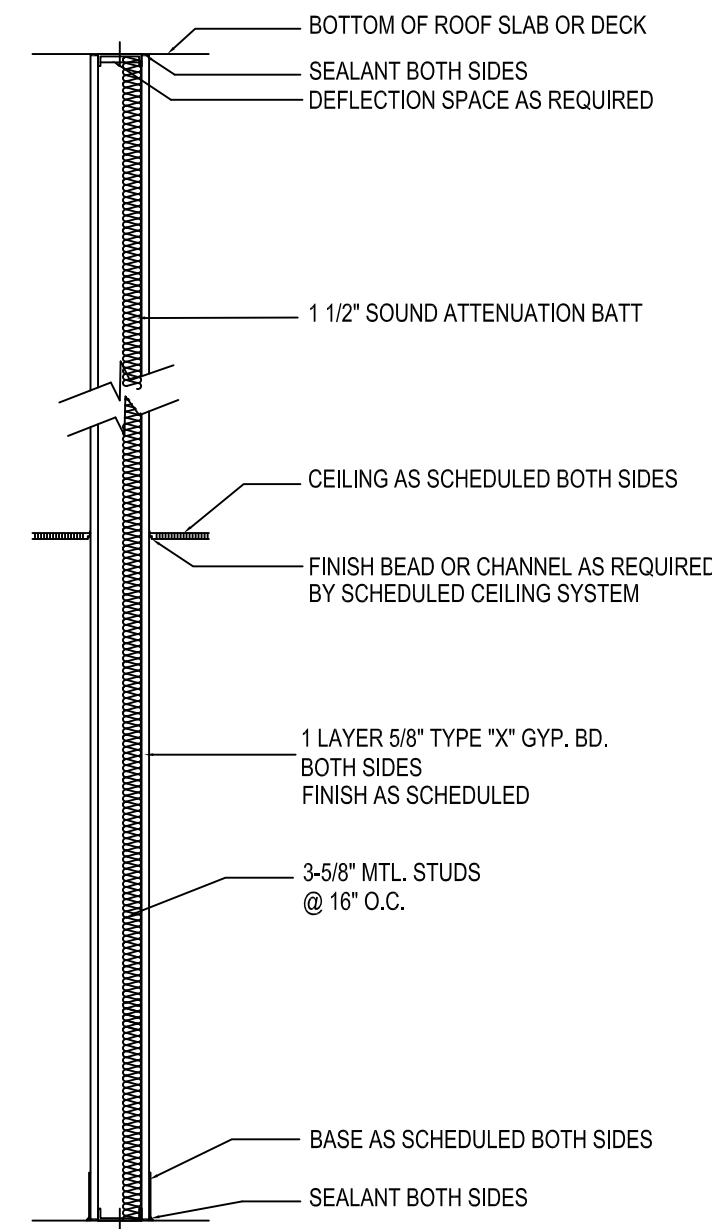


NOTE:
 1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.



5

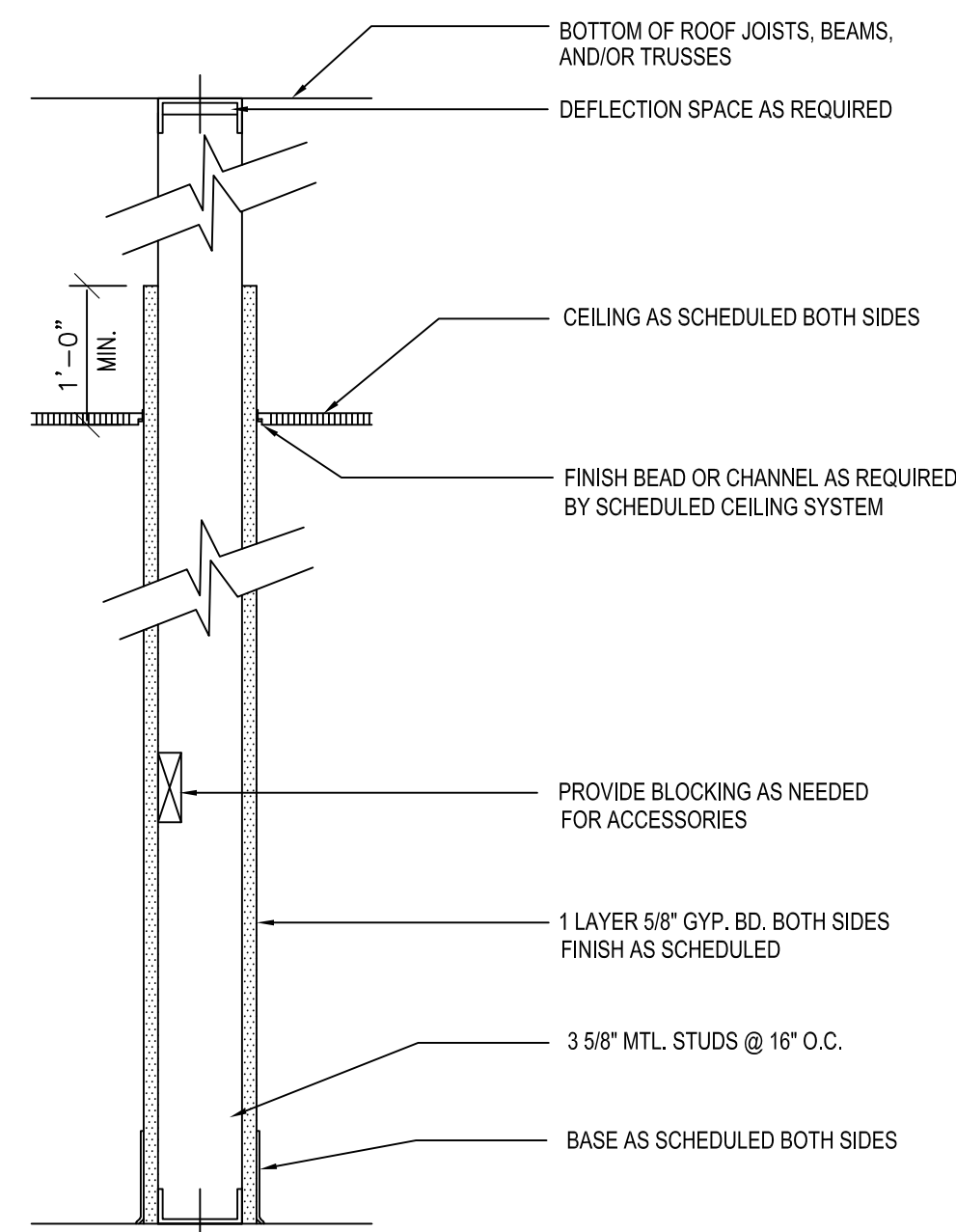
NOTE:
 1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.



PARTITION ASSEMBLY STC RATING: 42 MIN.

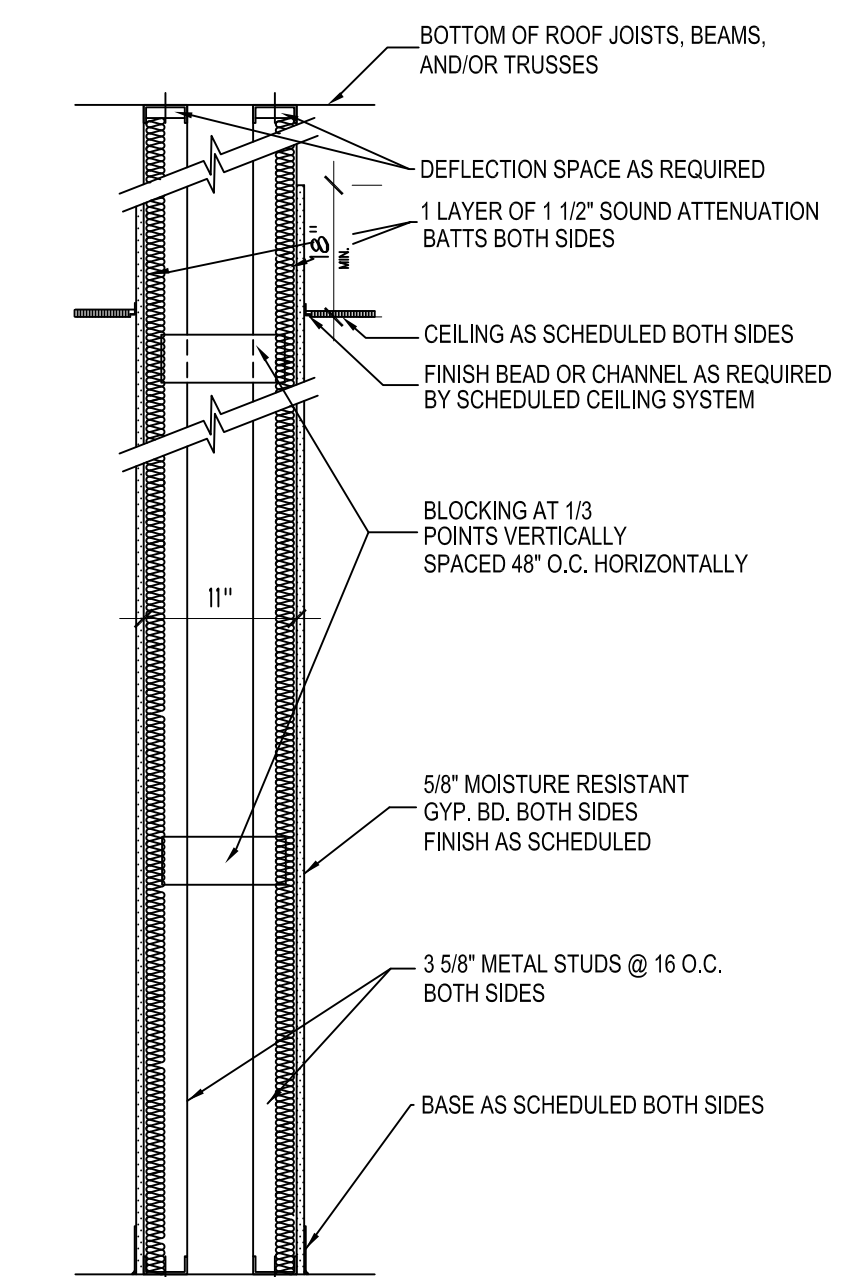
6

NOTE:
 1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.



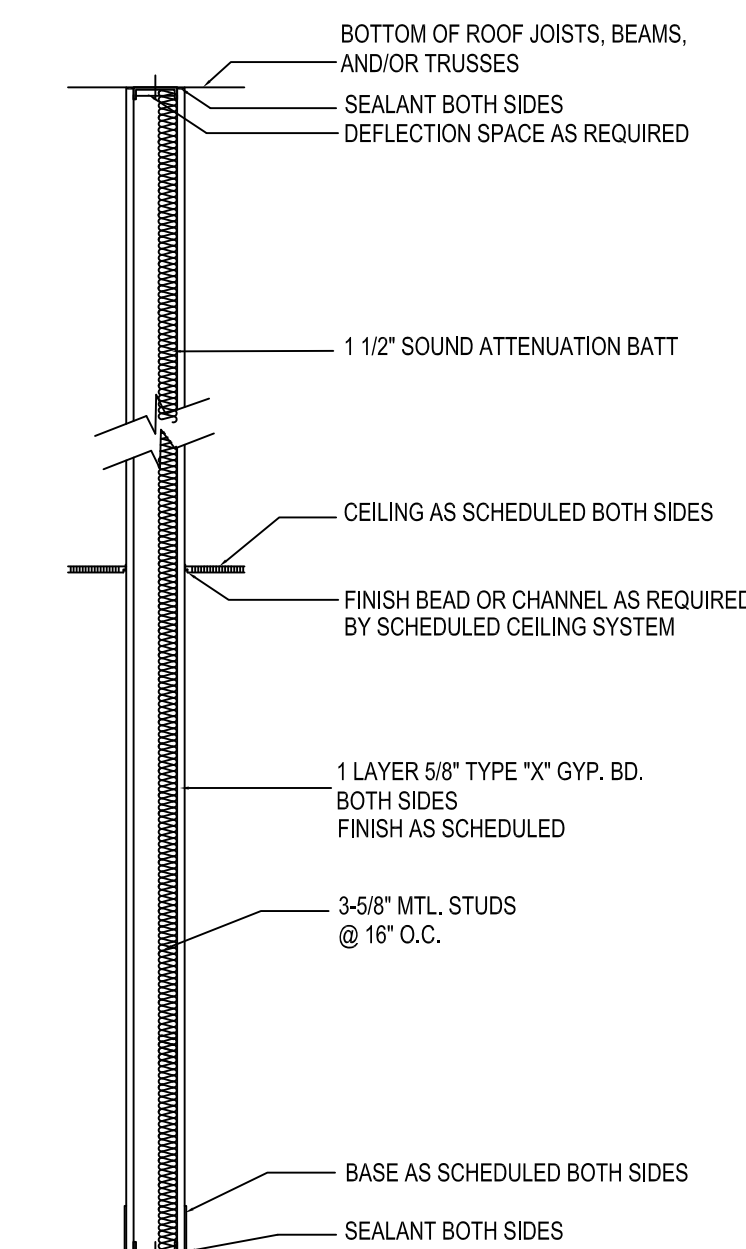
7

NOTE:
 1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.



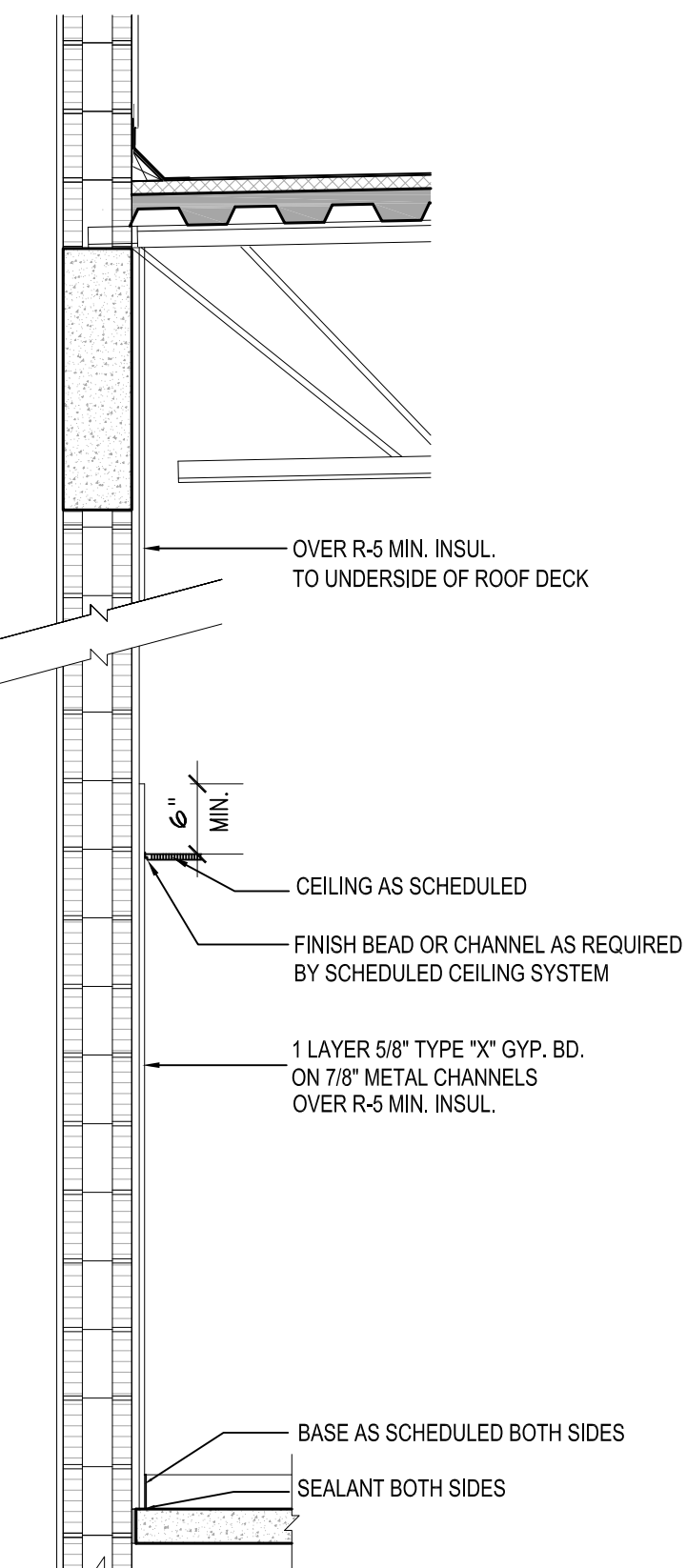
8

NOTE:
 1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.



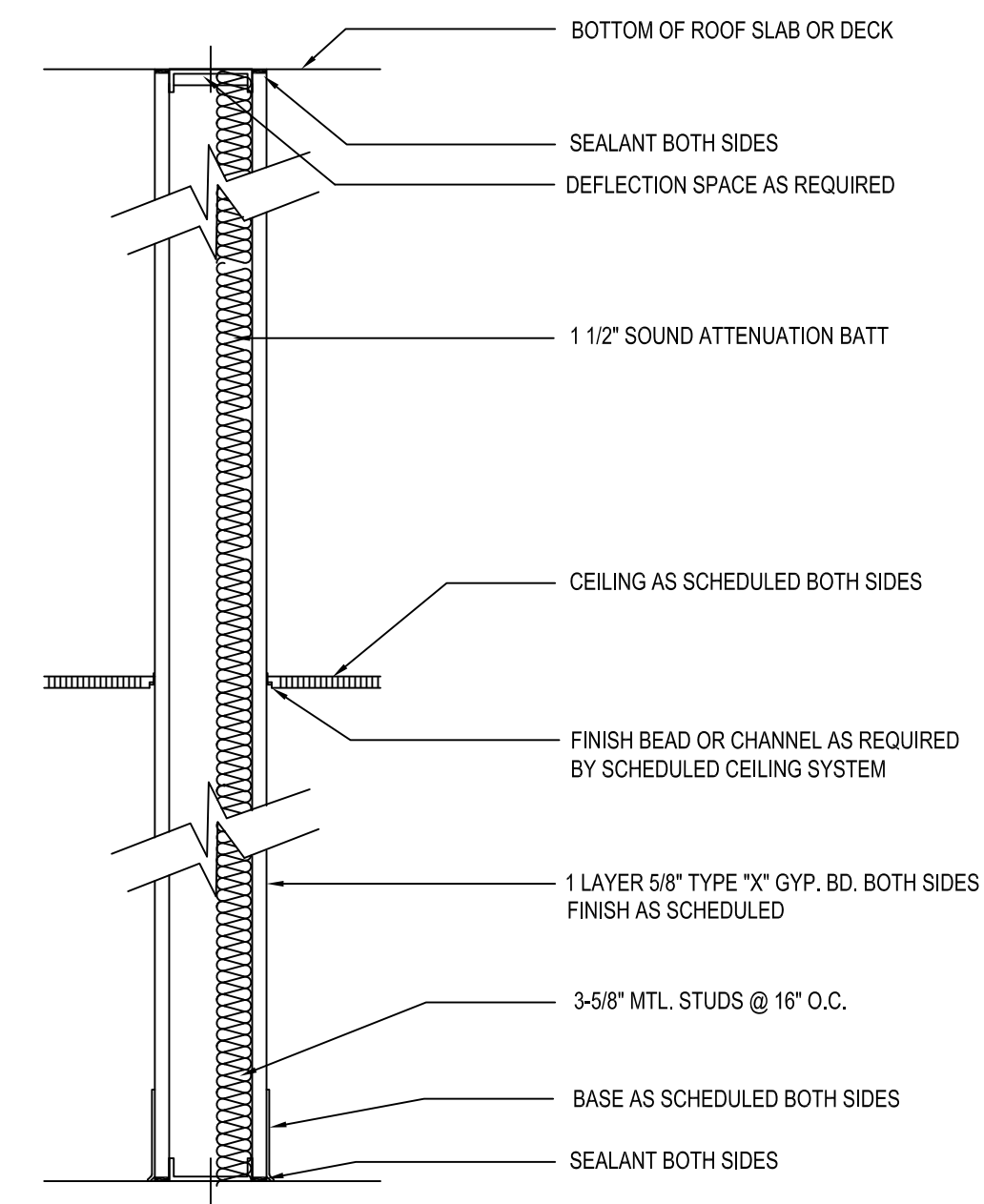
PARTITION ASSEMBLY STC RATING: 42 MIN.

9



10

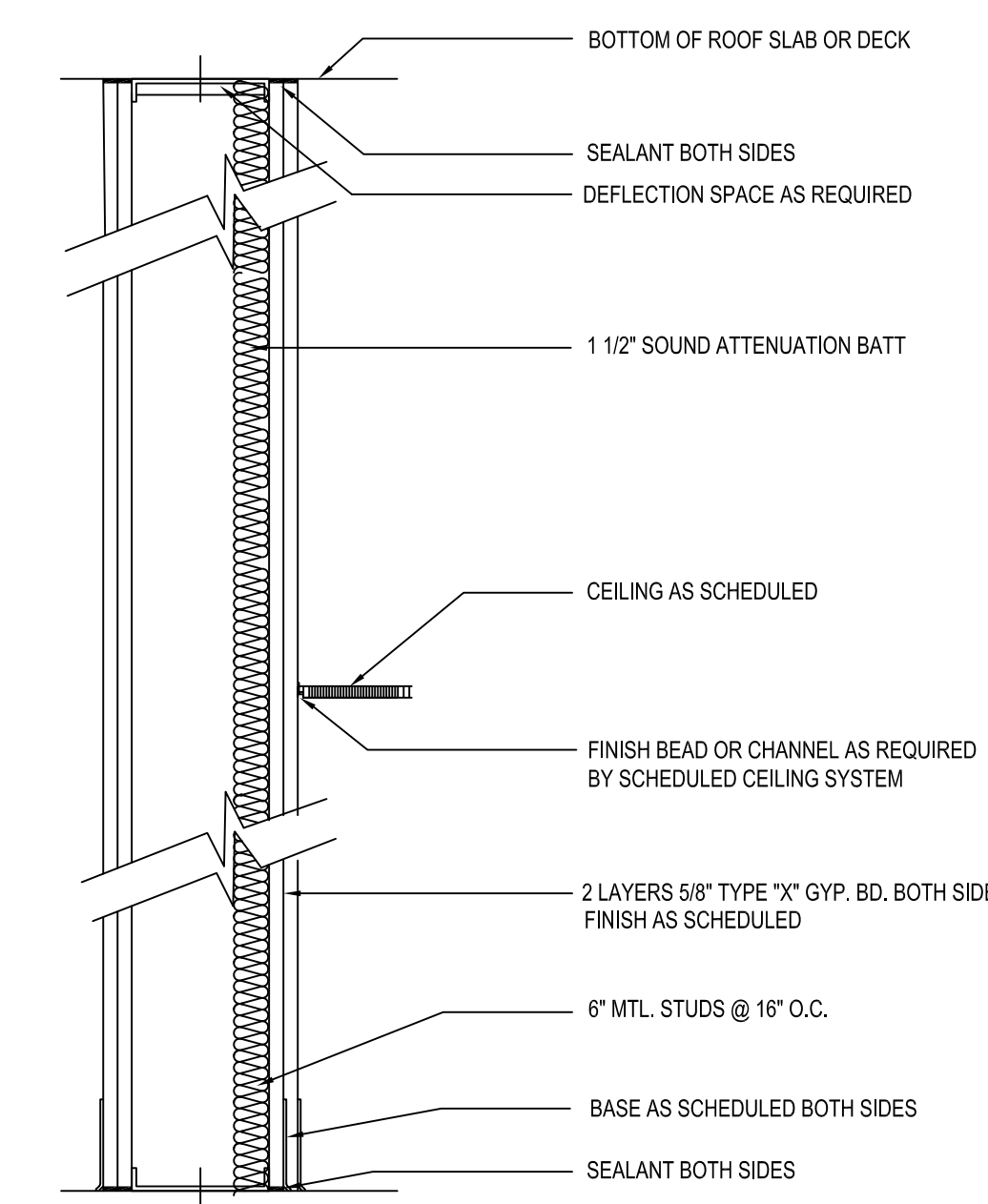
NOTE:
 1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.



PARTITION ASSEMBLY STC RATING: 42 MIN.

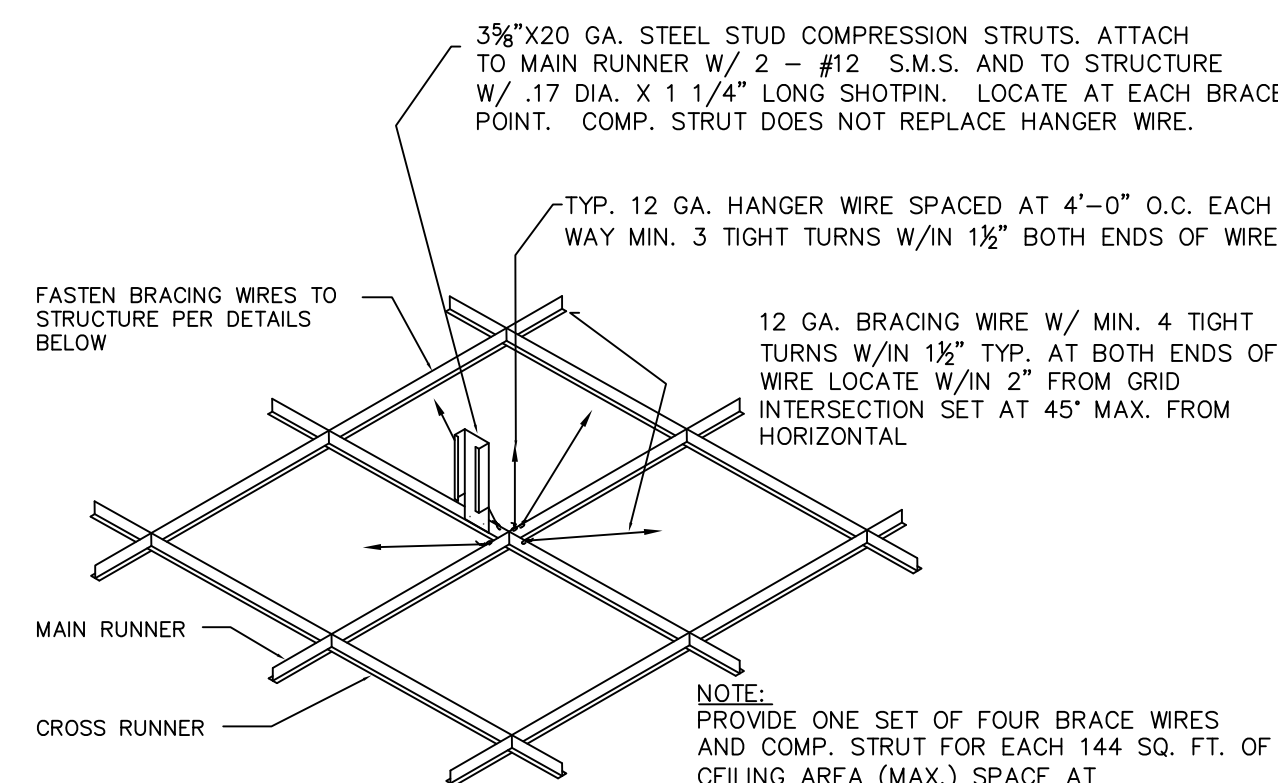
11

NOTE:
 1. CONVENTIONAL STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0296 INCH, 0.752 MM). EMBOSSED STEEL MEMBERS SHALL BE A MINIMUM OF 20 GAUGE (0.0190 INCH TO 0.0209 INCH, 0.483 MM TO 0.531 MM). THE THICKNESS OF STEEL MEMBERS SHALL BE INCREASED AS REQUIRED IN COMPLIANCE WITH ASTM C754-15 LIMITING HEIGHT TABLES.

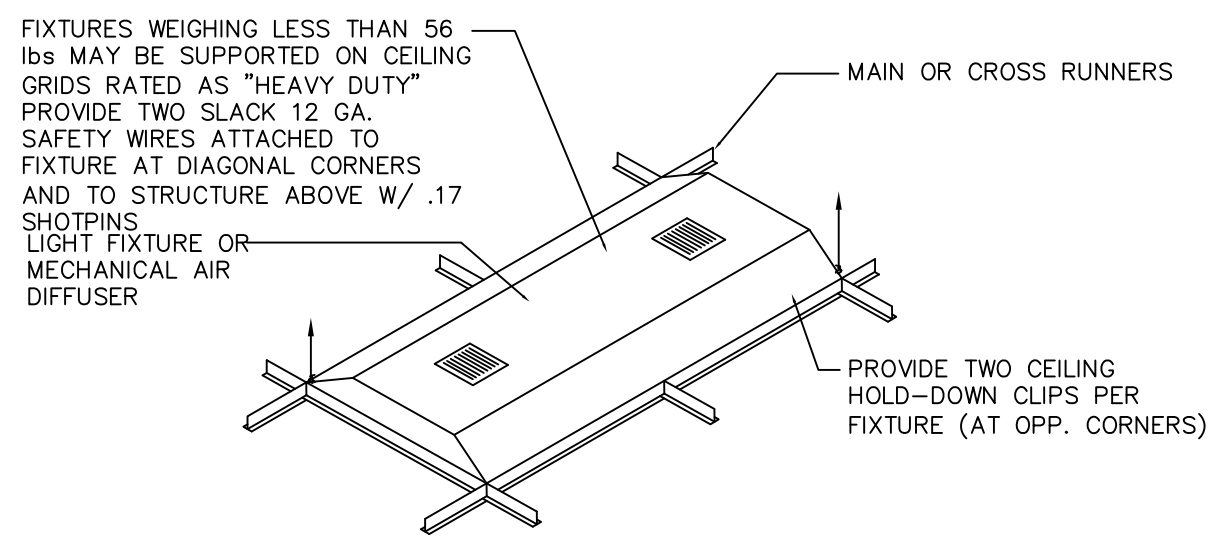


12

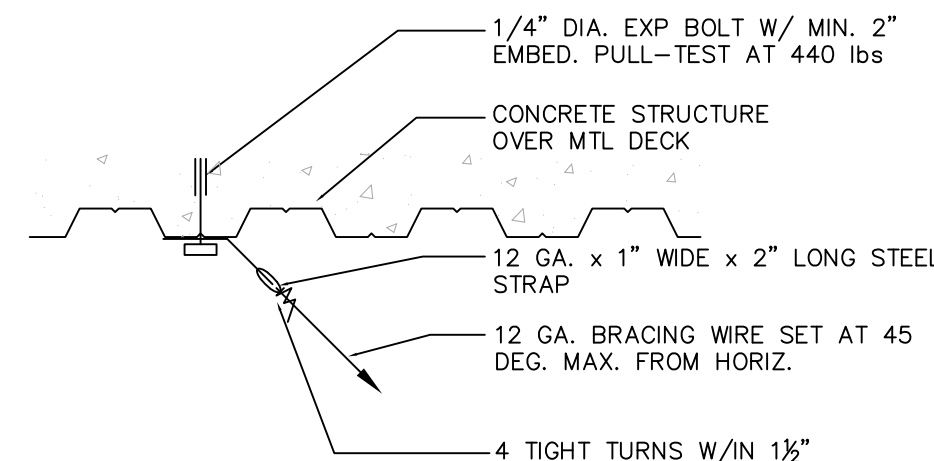
WALL & PARTITION TYPES



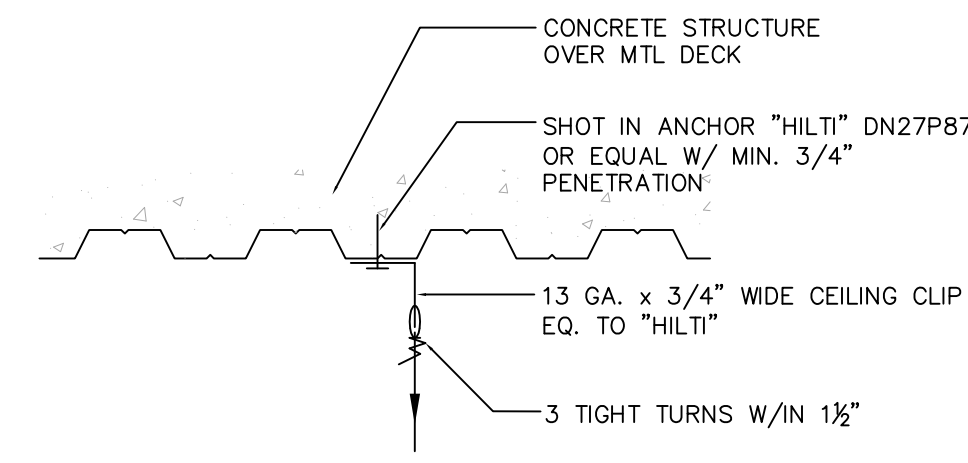
A TYPICAL CEILING BRACE



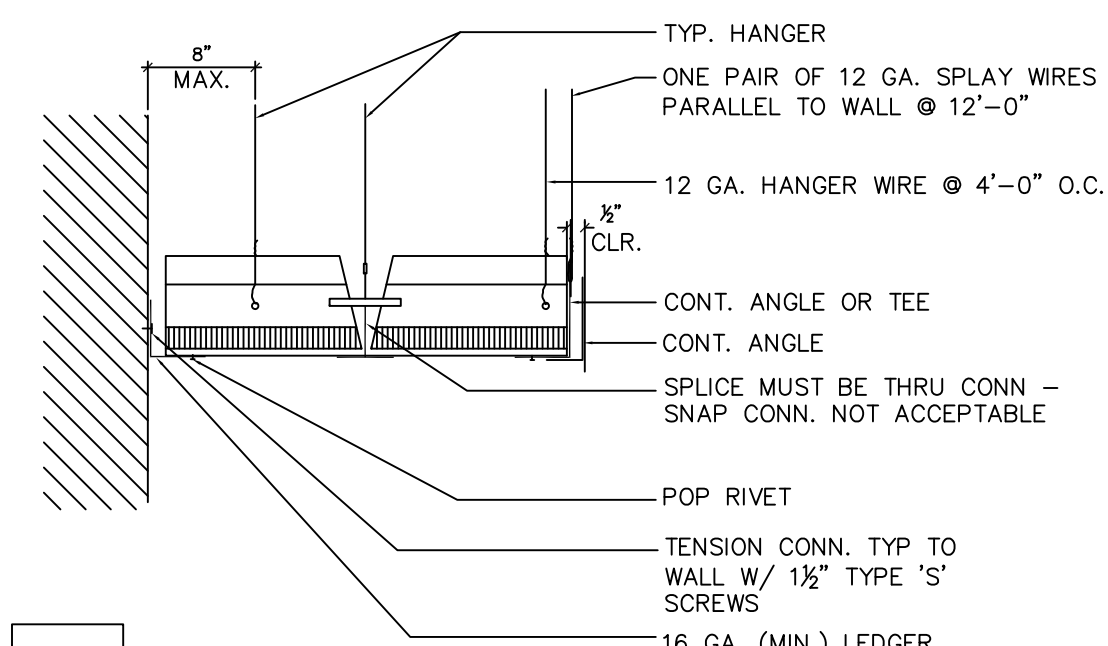
B TYPICAL FIXTURE SUPPORT



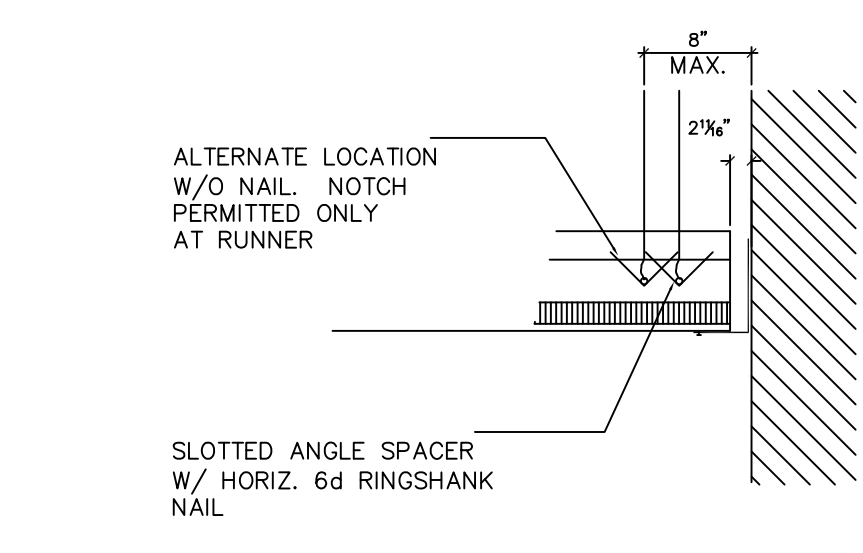
C TYP. BRACING WIRE CONNECTION



D TYP. HANGER WIRE CONNECTION

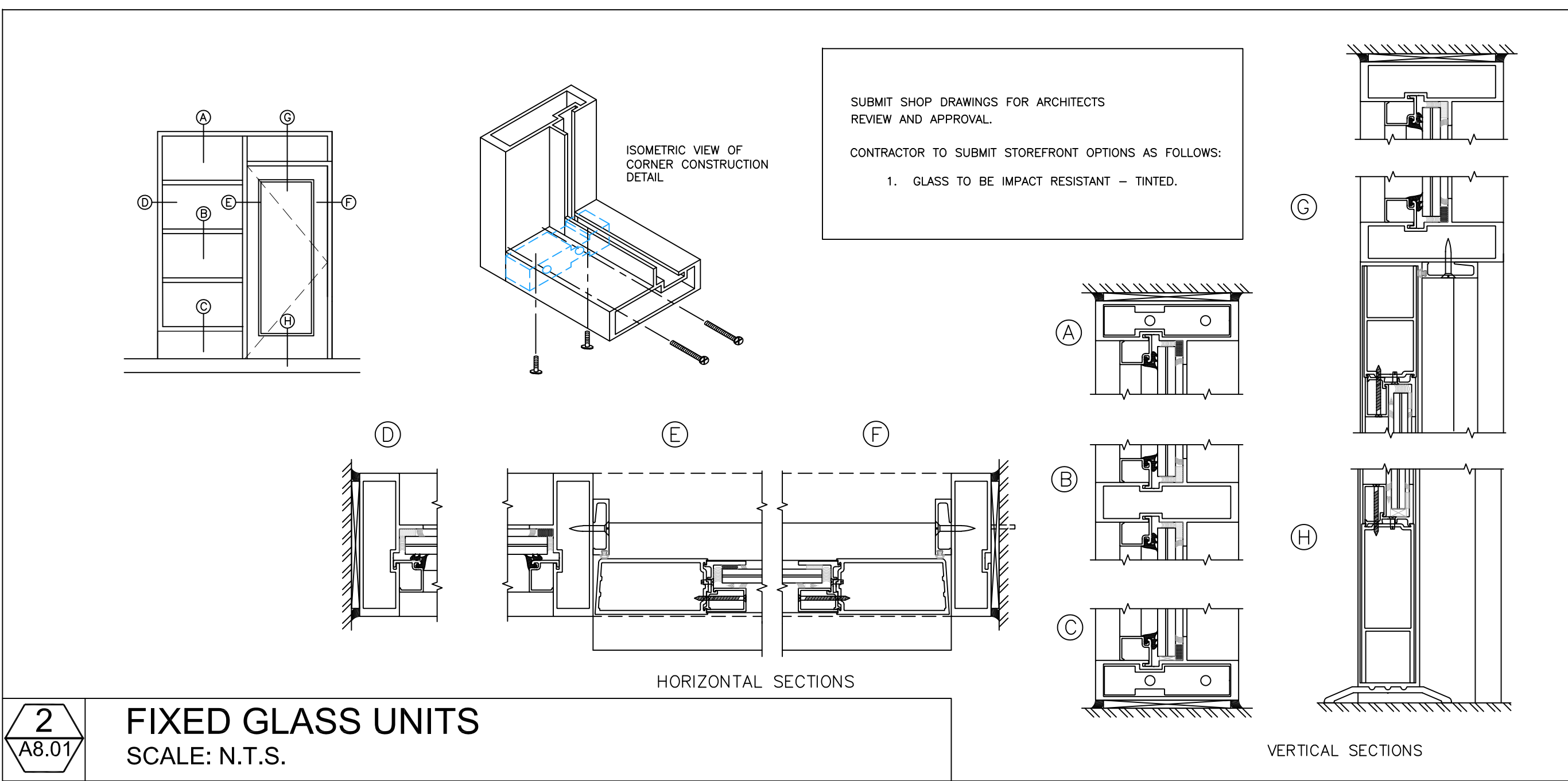


E TYPICAL HORIZONTAL STRUT

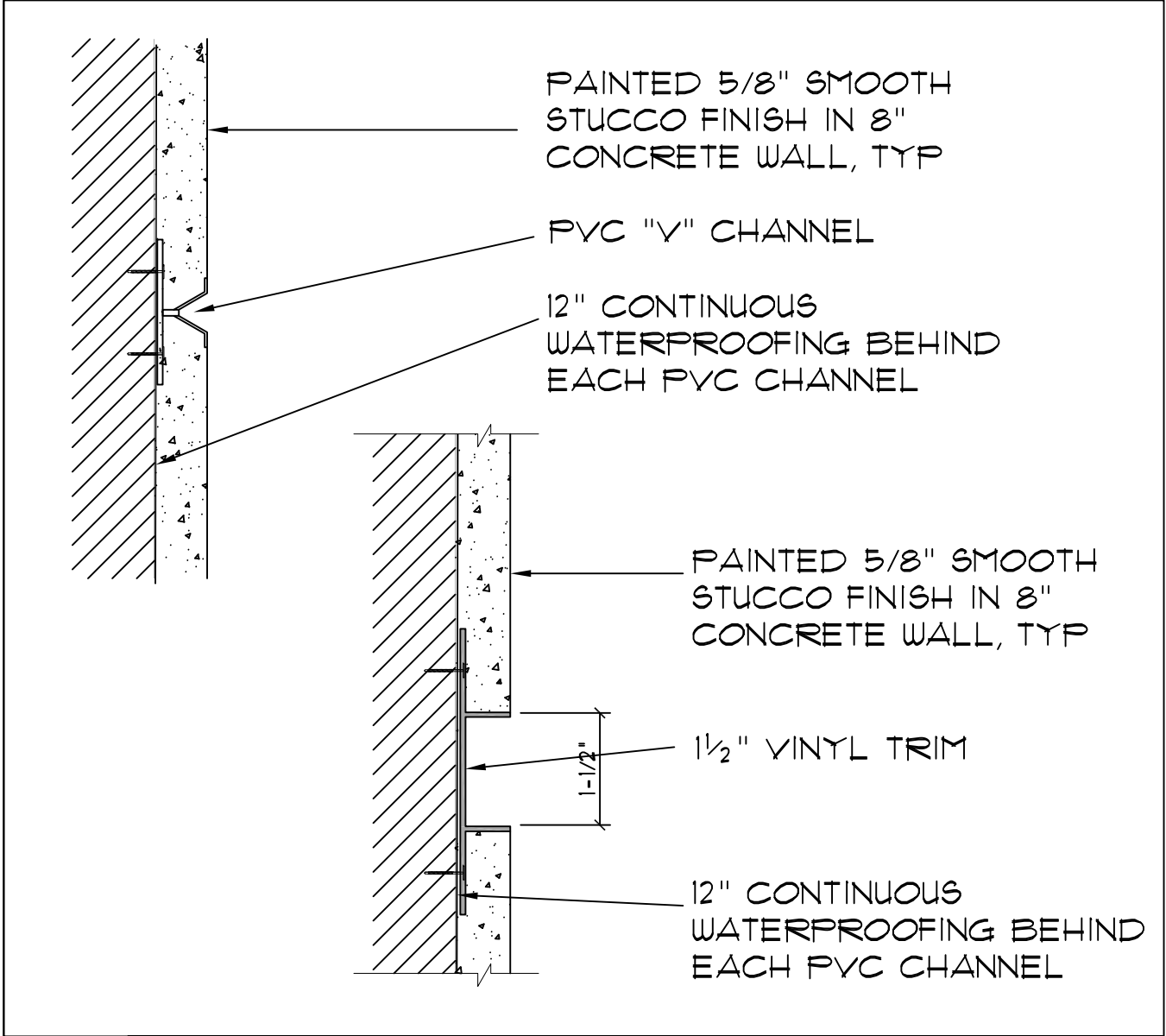


F HANGER WIRE CONN. @ GRID

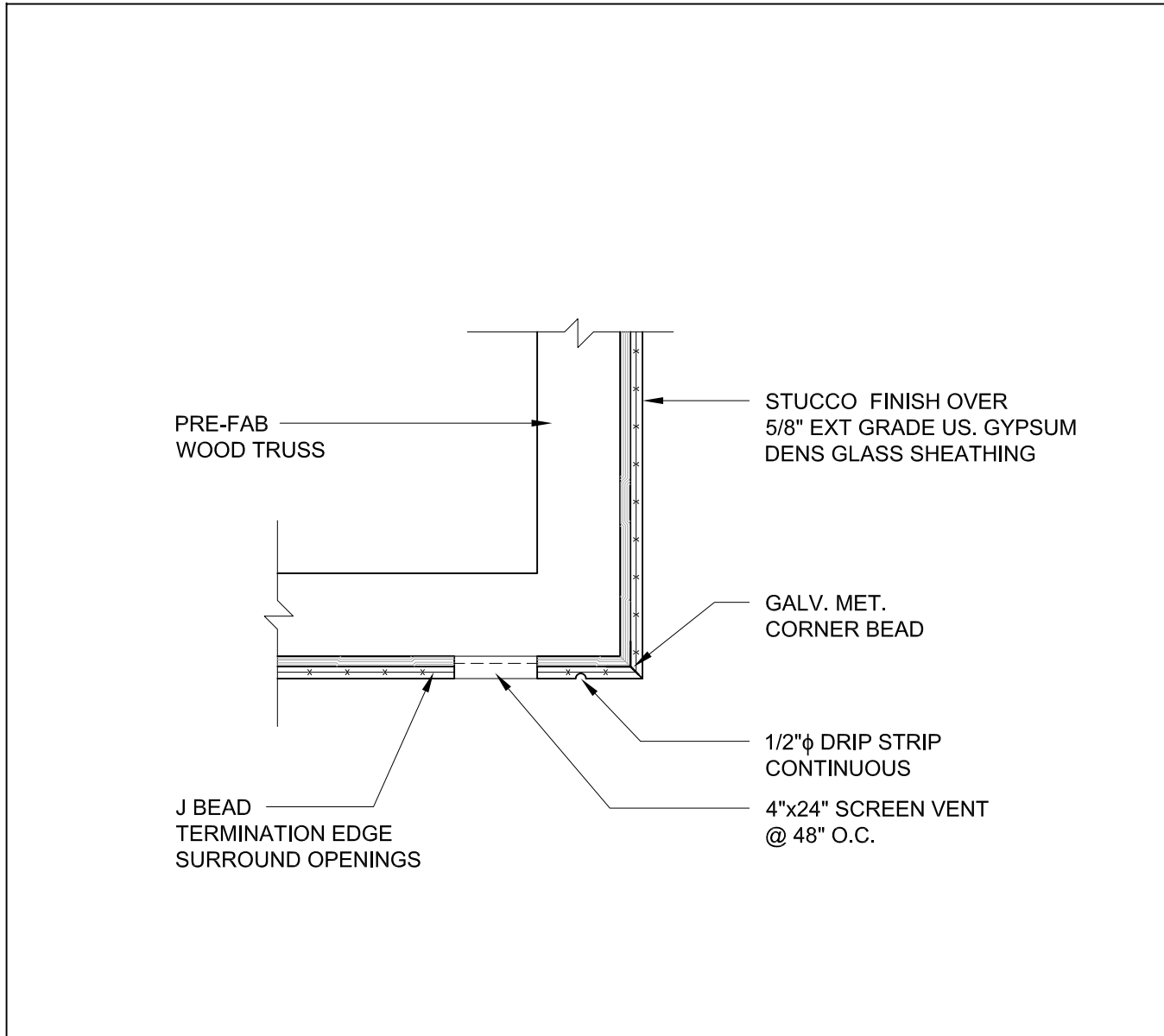
1 ACCOUSTICAL CEILING DETAILS



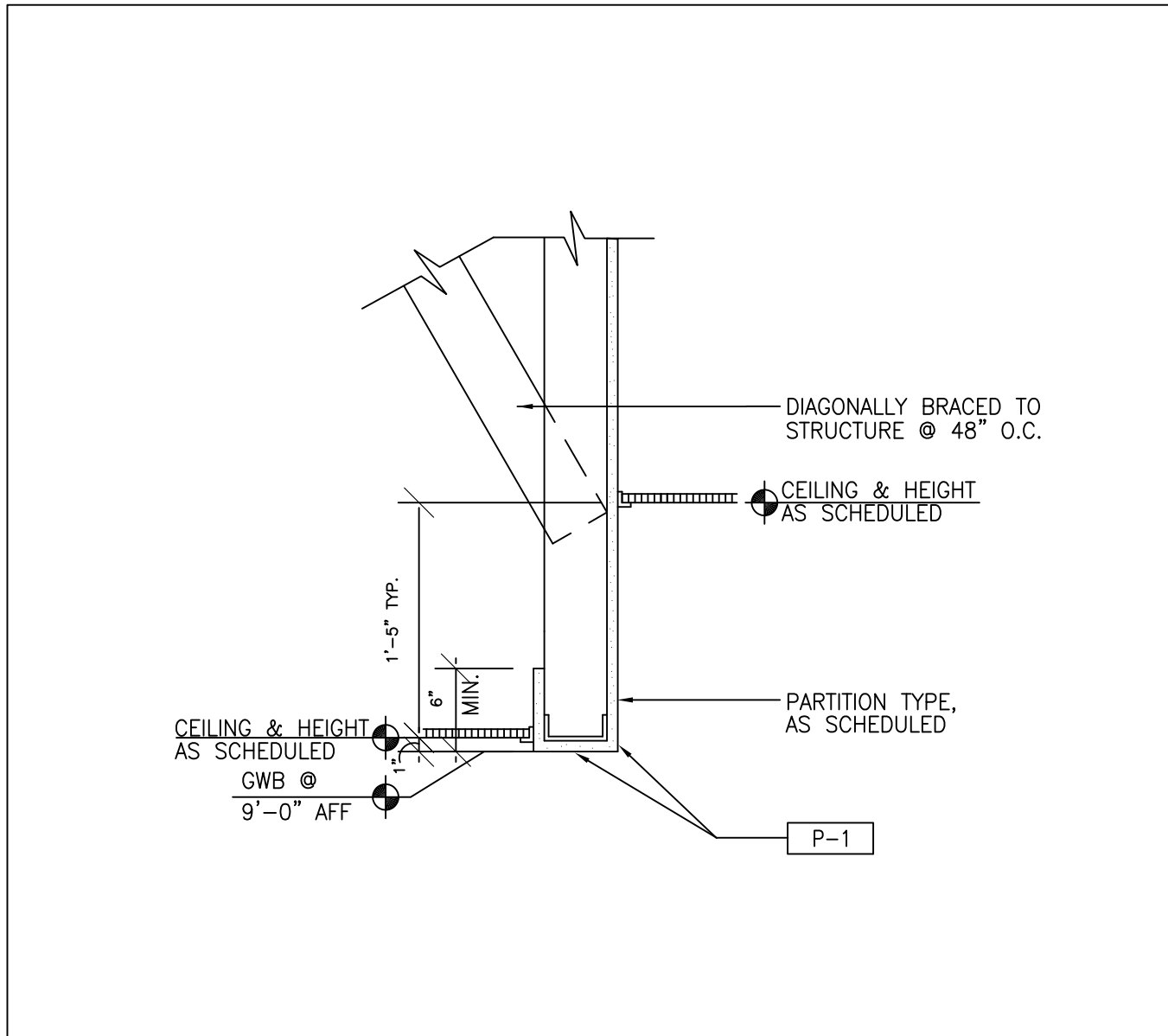
2 FIXED GLASS UNITS
SCALE: N.T.S.



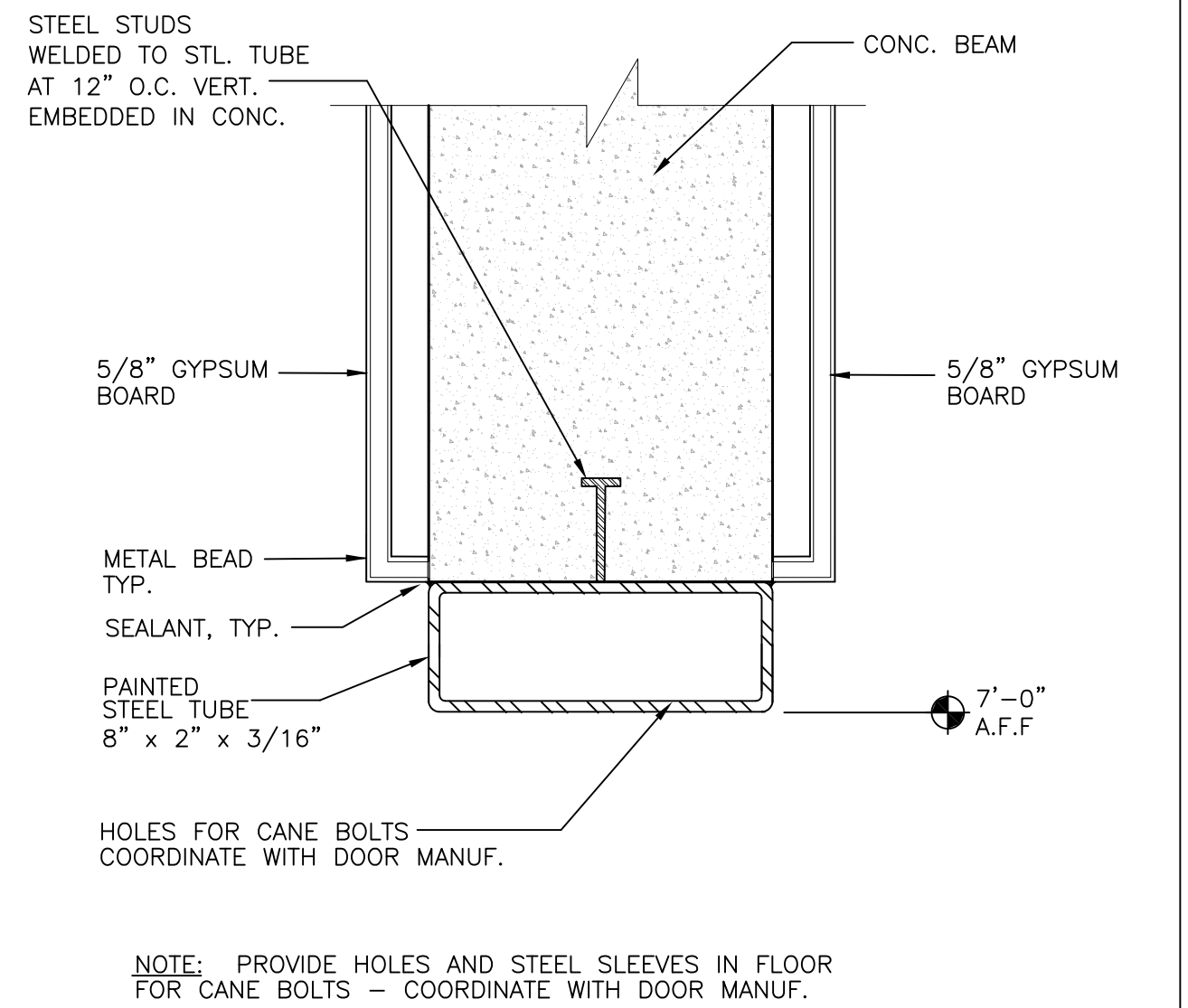
3 STUCCO CONTROL JOINT / REVEAL DETAIL
SCALE: N.T.S.



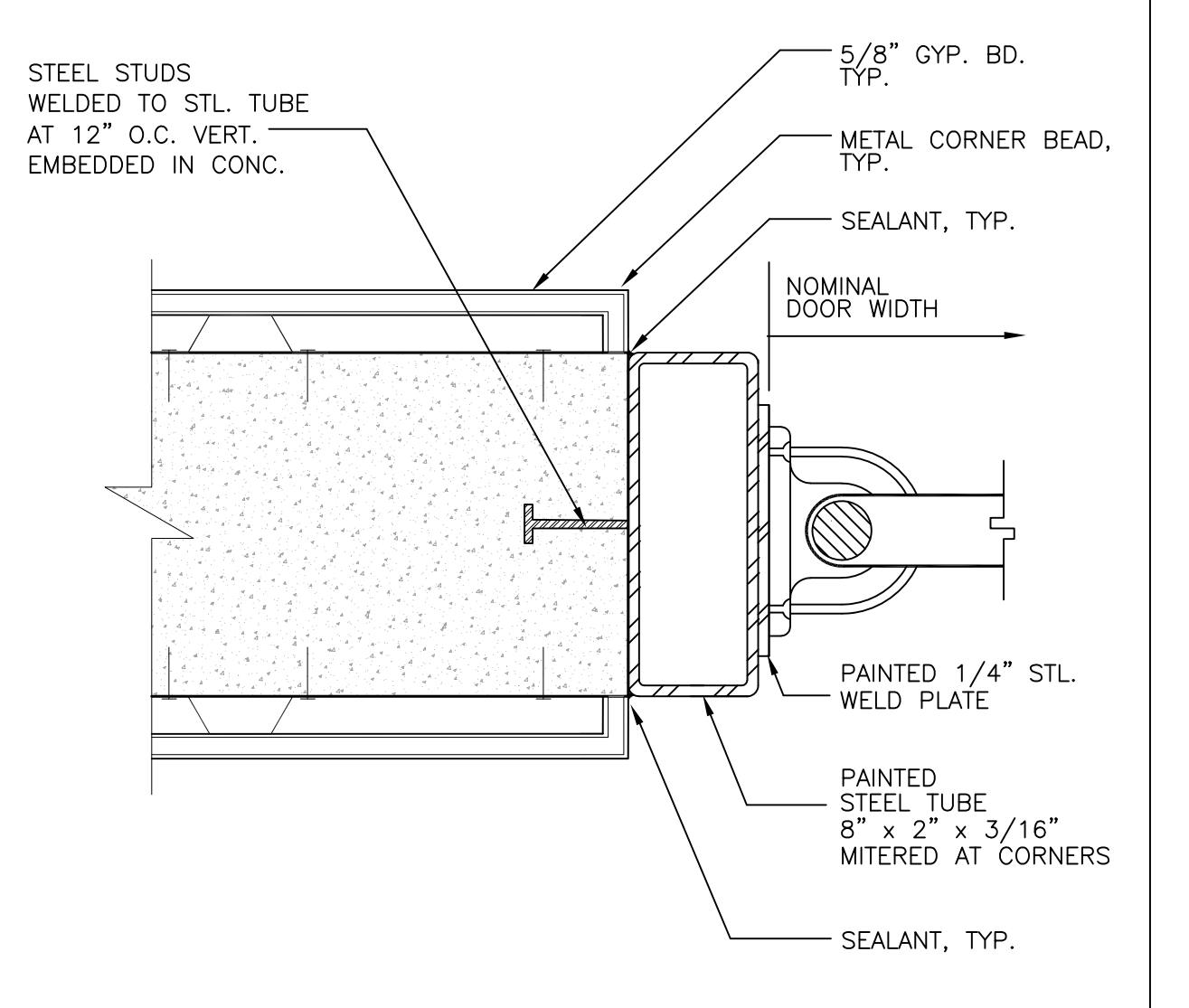
4 SOFFIT SCREEN VENT DETAIL
SCALE: N.T.S.



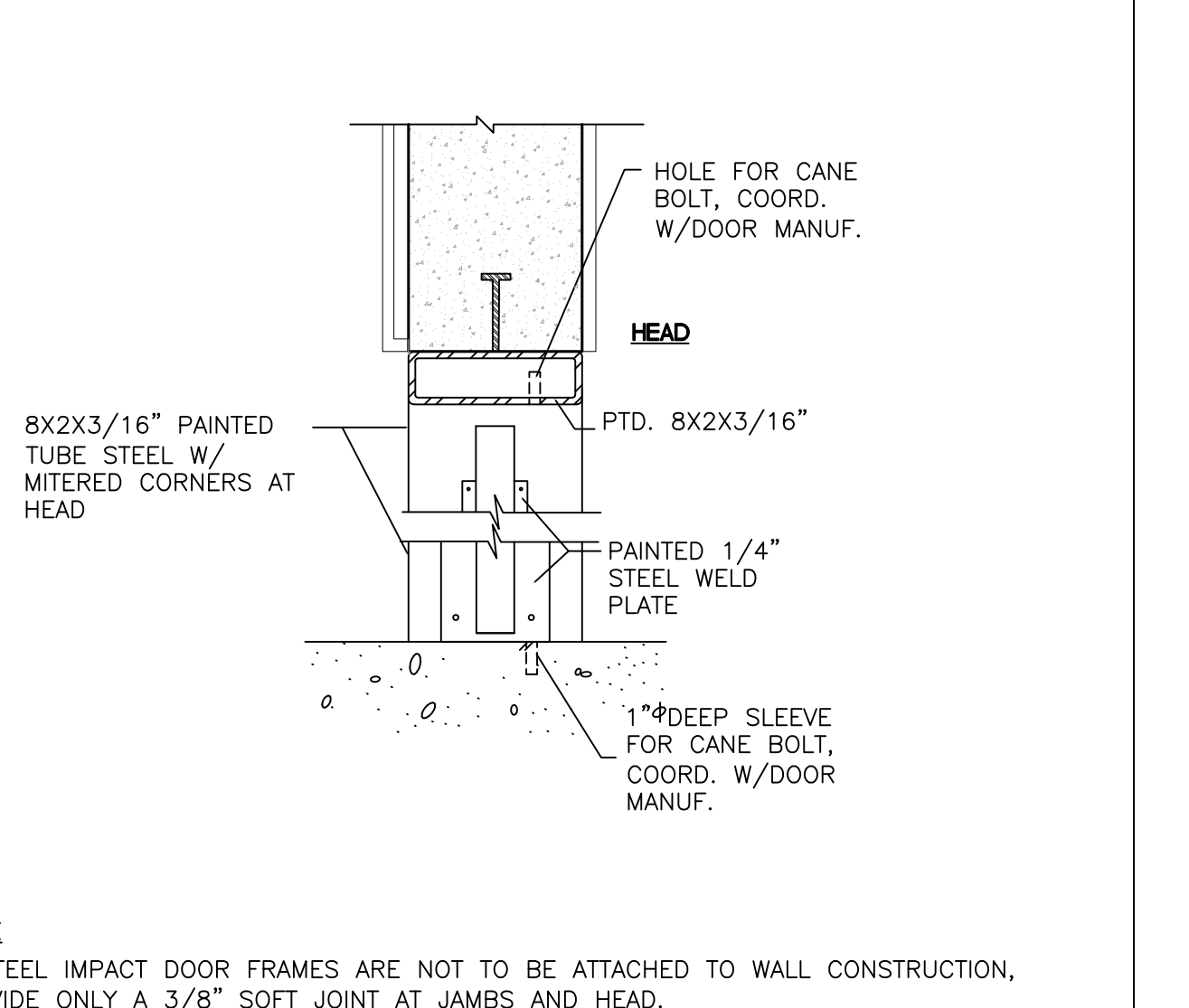
5 RETAIL STANDARD DESIGNS - DETAIL • CEILING DROP
G2-5-1b



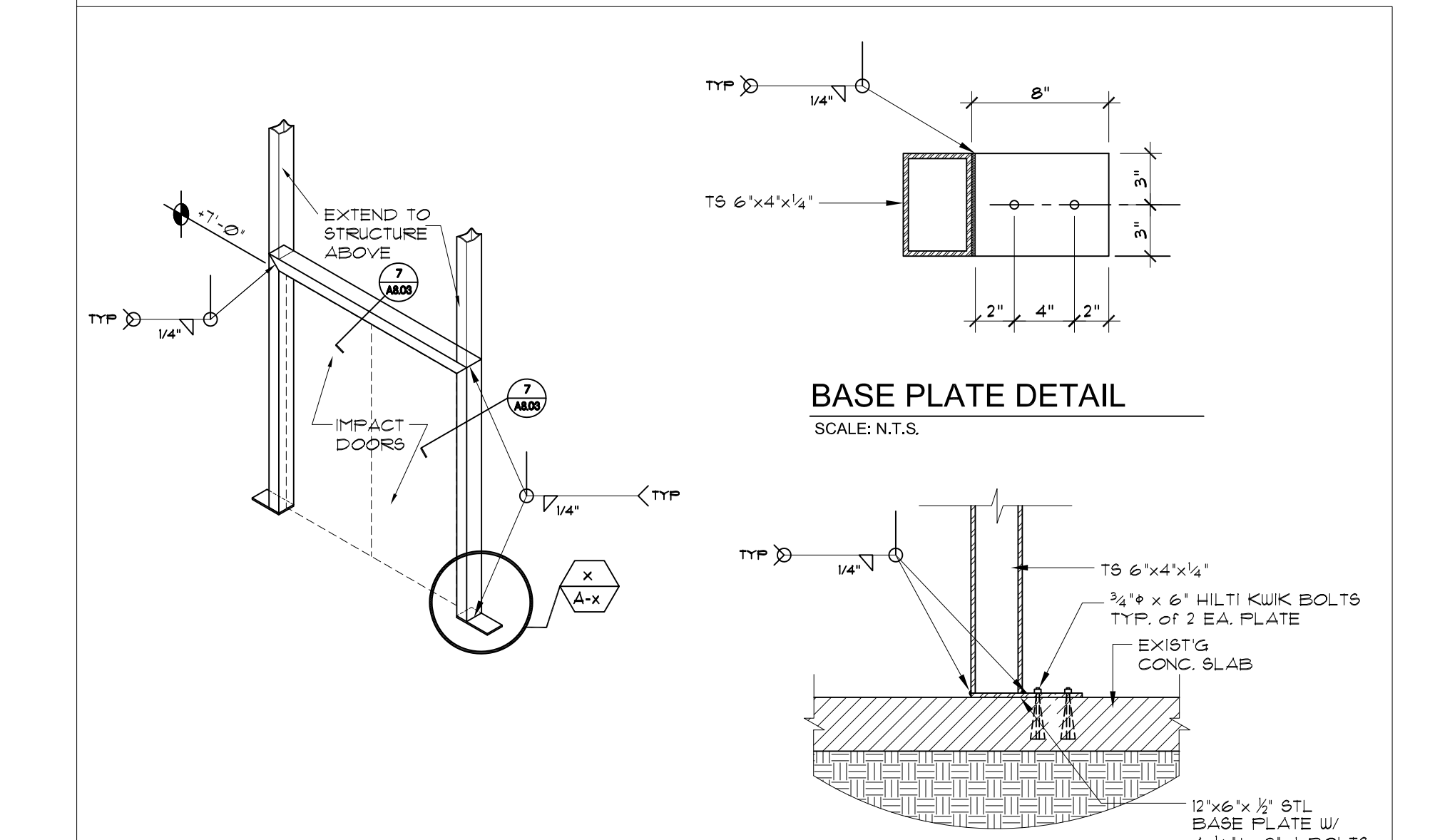
1
A8.03 Detail: VESTIBULE - DETAIL • INTERIOR MAIL/CARRIER DOOR HEAD
M2-7-2 c6
Scale: 3' = 1'-0" 0 1/2" 1"
USPS SDI Issued: 10/1/2013
Last Revised: 9/17/2004



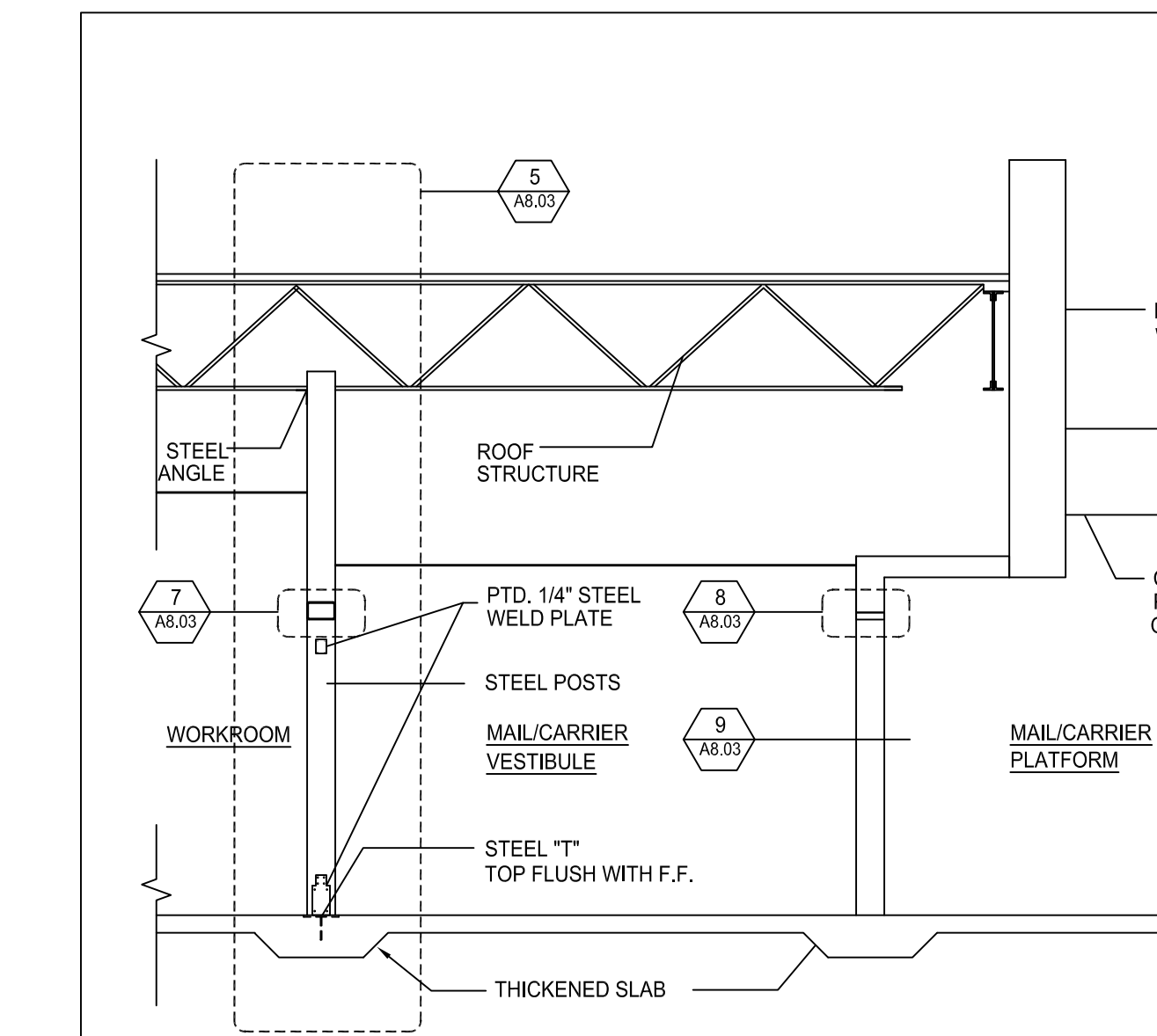
2
A8.03 Detail: VESTIBULE - DETAIL • INTERIOR MAIL/CARRIER DOOR JAMB
M2-7-2 c4
Scale: 3' = 1'-0" 0 1/2" 1"
USPS SDI Issued: 10/1/2013
Last Revised: 9/17/2004



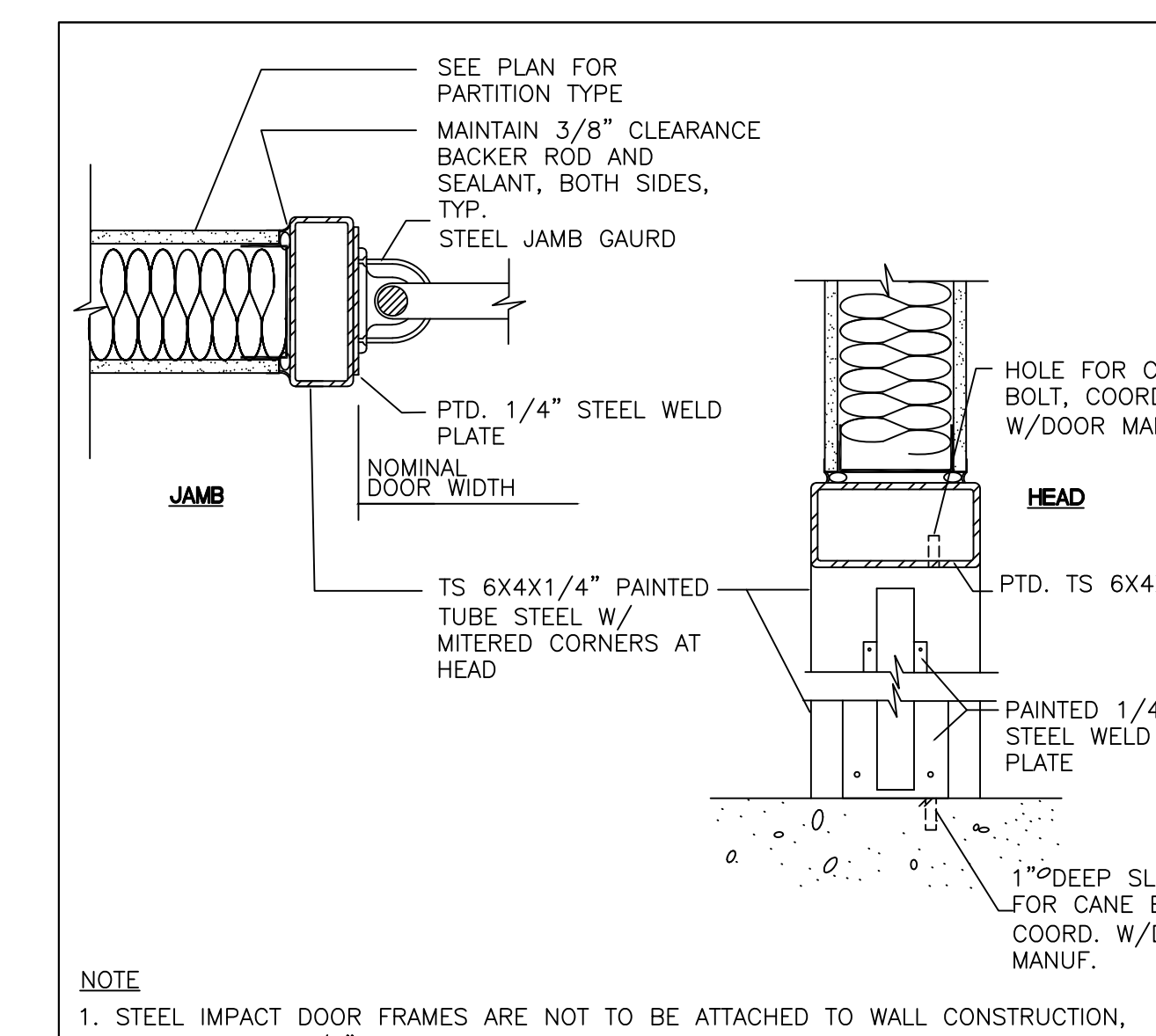
3
A8.03 Detail: DOORS AND HARDWARE - DETAILS • INTERIOR VESTIBULE IMPACT DOOR
S2-7-2 f1
Scale: 1 1/2' = 1'-0" 0 1/2" 1"
USPS SDI Issued: 9/17/2009
Last Revised: 9/17/2004



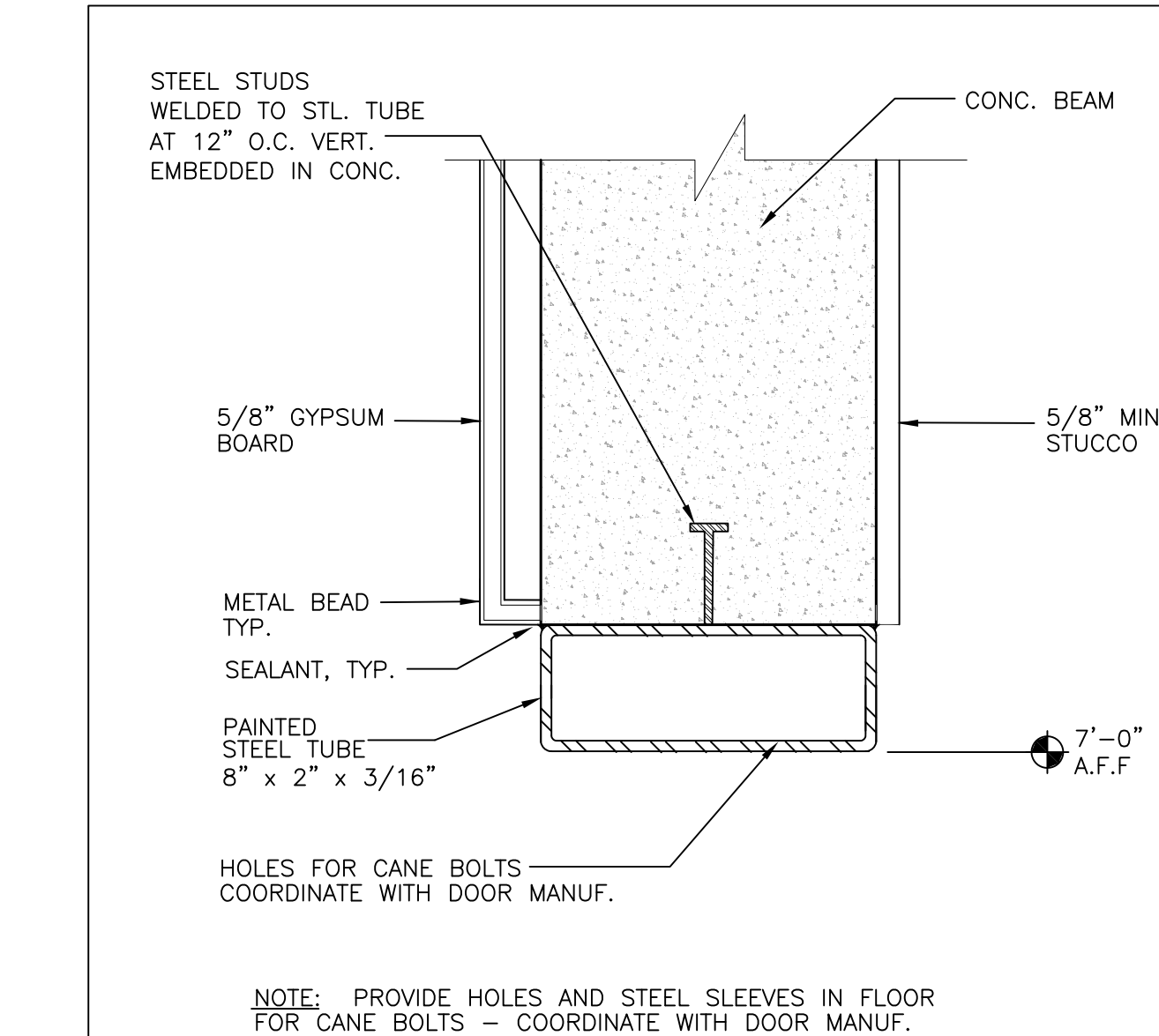
5
A8.03 IMPACT DOOR FRAME ISOMETRIC
SCALE: N.T.S.



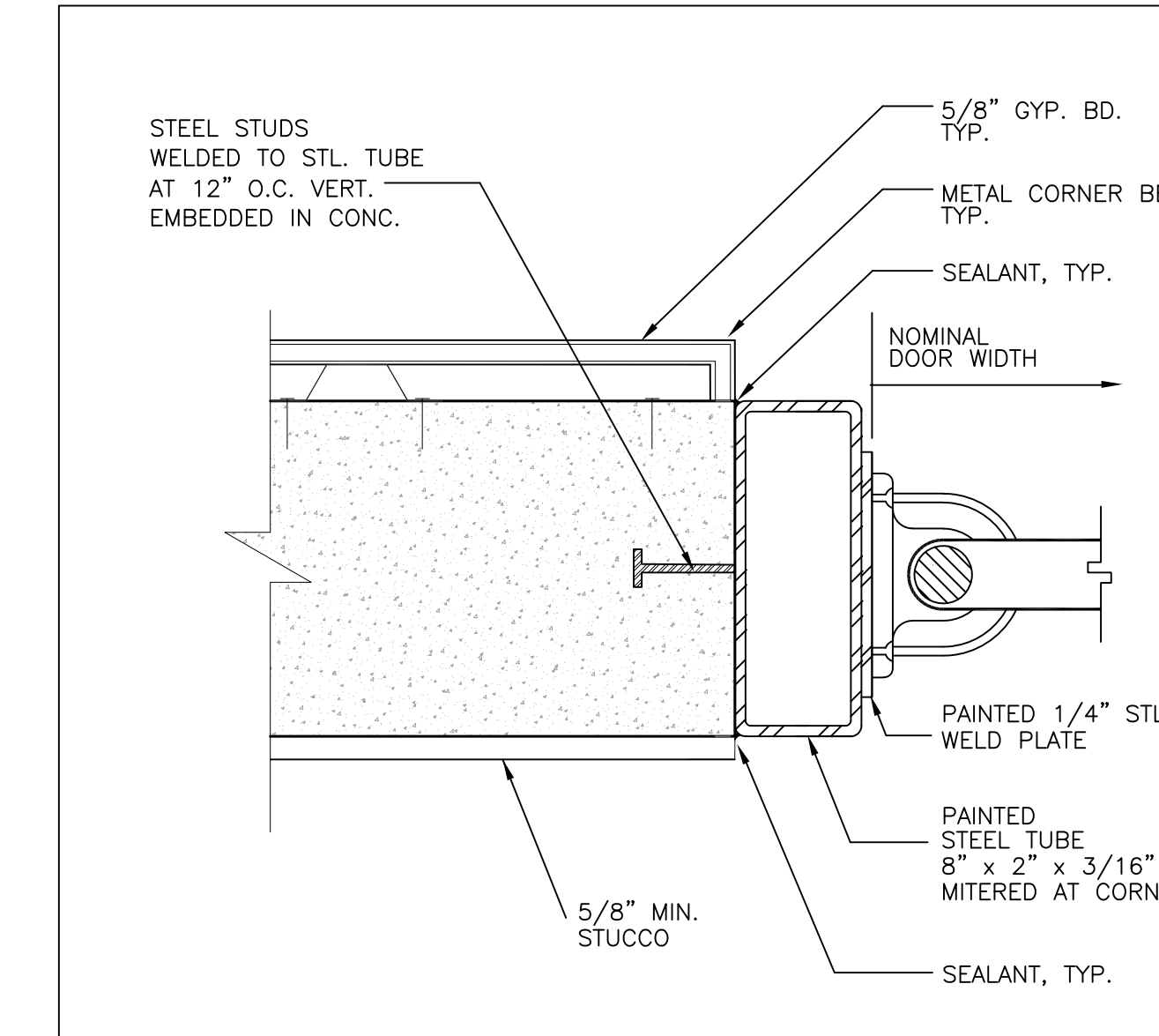
6
A8.03 Detail: IMPACT DOOR FRAMING SECTION • MAIL/CARRIER VESTIBULE
M2-7-2b1
Scale: 1/4' = 1'-0" 0 1/2" 1"
USPS SDI Issued: 10/1/2013
Last Revised: 9/17/2004



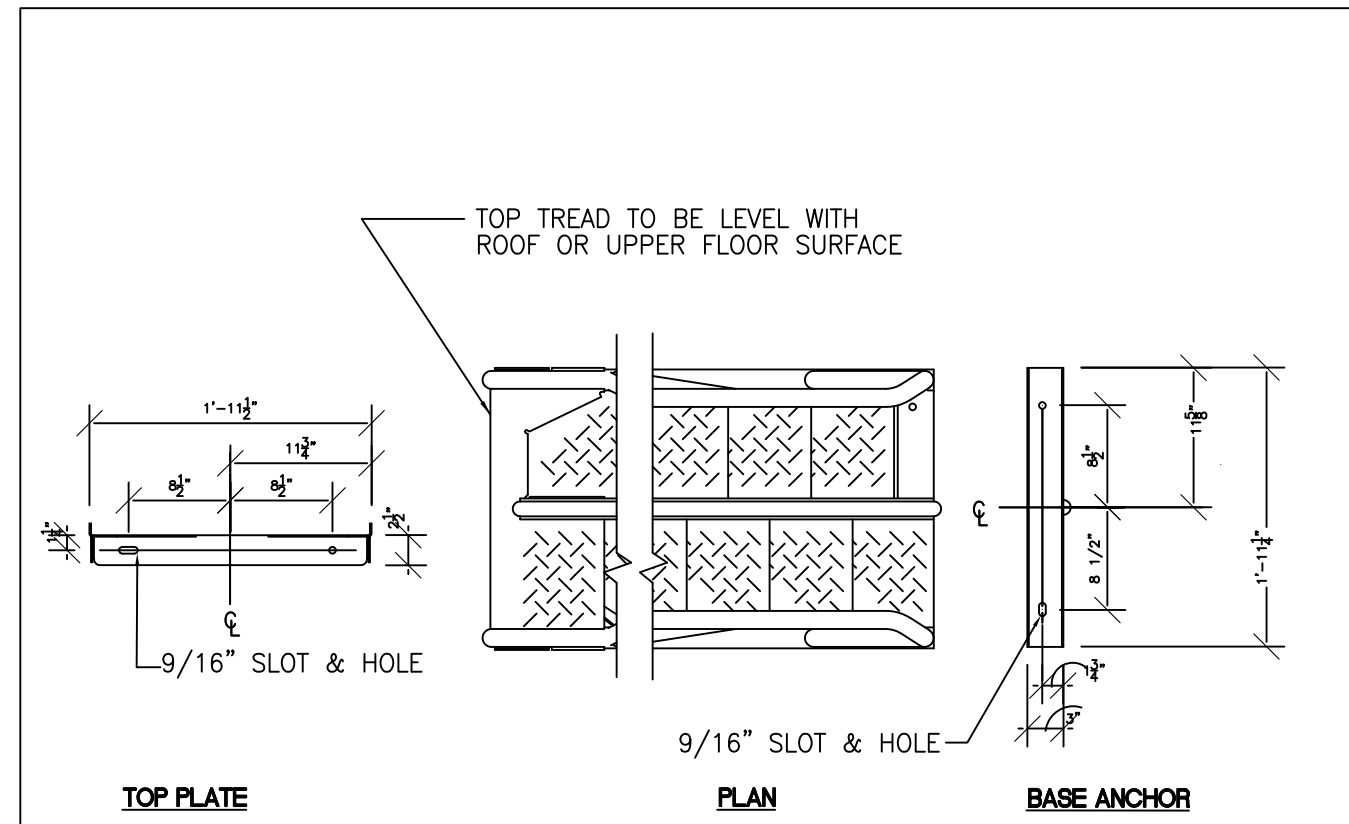
7
A8.03 Detail: DOORS AND HARDWARE - DETAILS • INTERIOR VESTIBULE IMPACT DOOR
S2-7-2 f1
Scale: 1 1/2' = 1'-0" 0 1/2" 1"
USPS SDI Issued: 9/17/2009
Last Revised: 9/17/2004



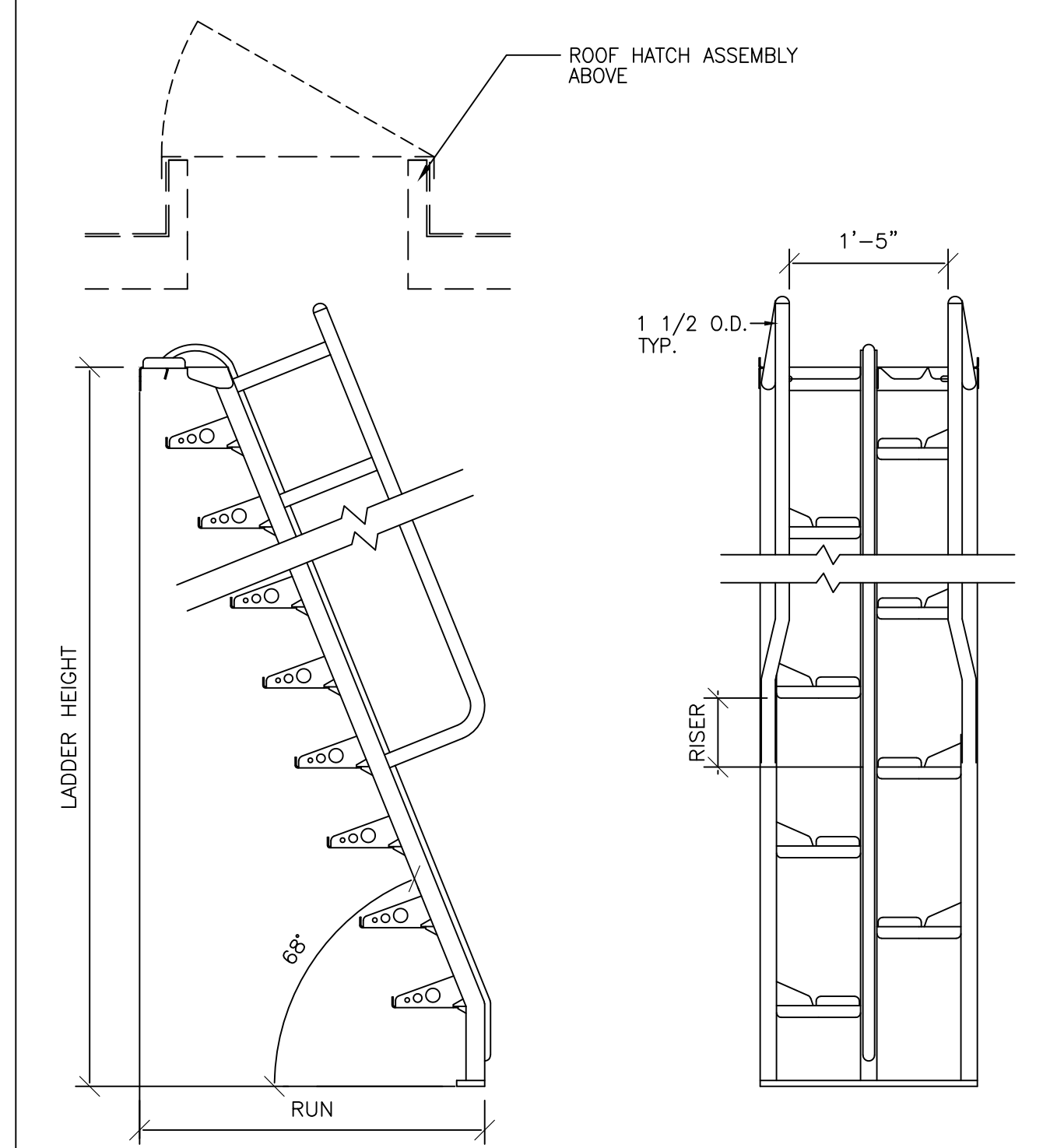
8
A8.03 Detail: VESTIBULE - DETAIL • INTERIOR MAIL/CARRIER DOOR HEAD
M2-7-2 c6
Scale: 3' = 1'-0" 0 1/2" 1"
USPS SDI Issued: 10/1/2013
Last Revised: 9/17/2004



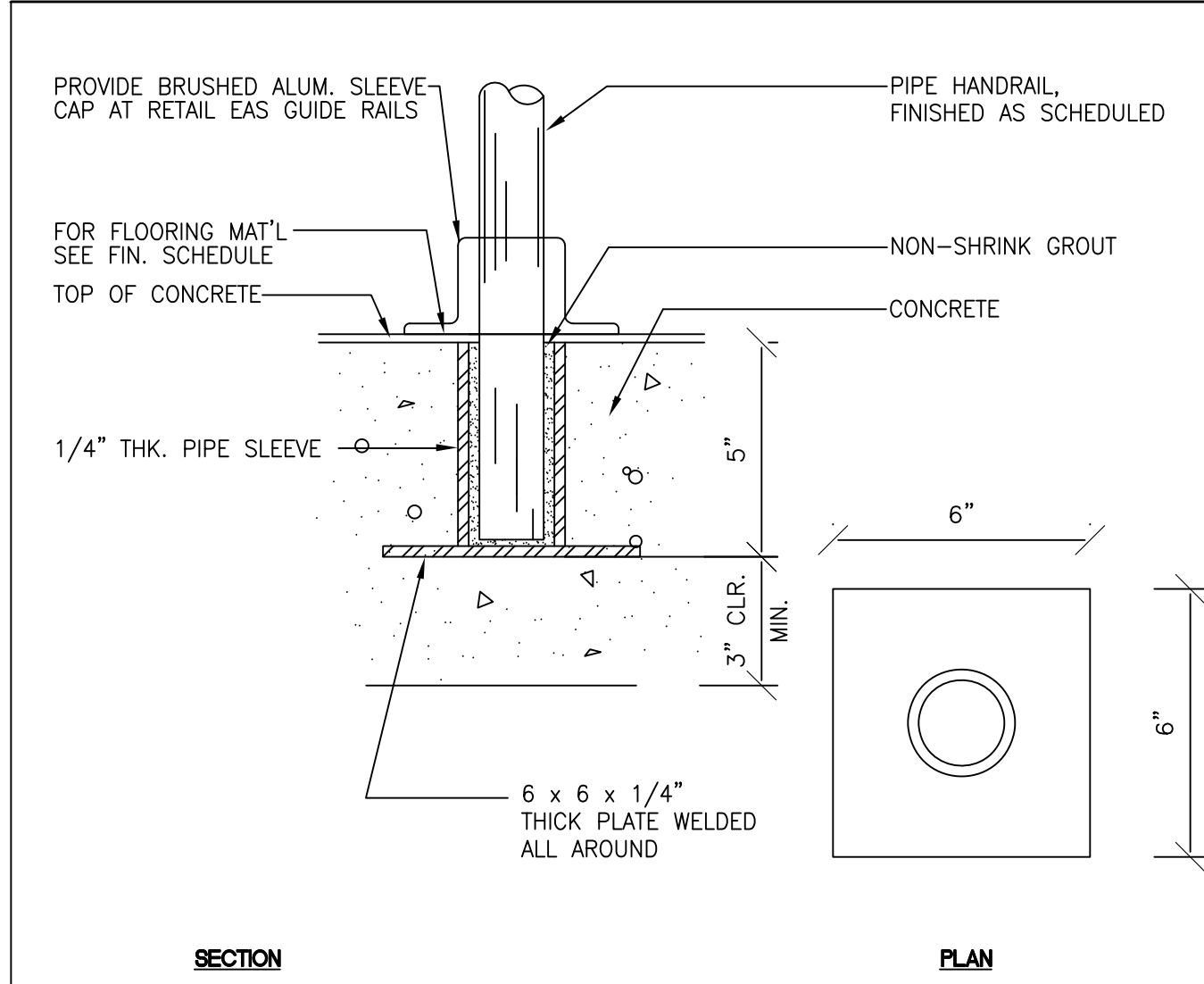
9
A8.03 Detail: VESTIBULE - DETAIL • INTERIOR MAIL/CARRIER DOOR JAMB
M2-7-2 c4
Scale: 3' = 1'-0" 0 1/2" 1"
USPS SDI Issued: 10/1/2013
Last Revised: 9/17/2004



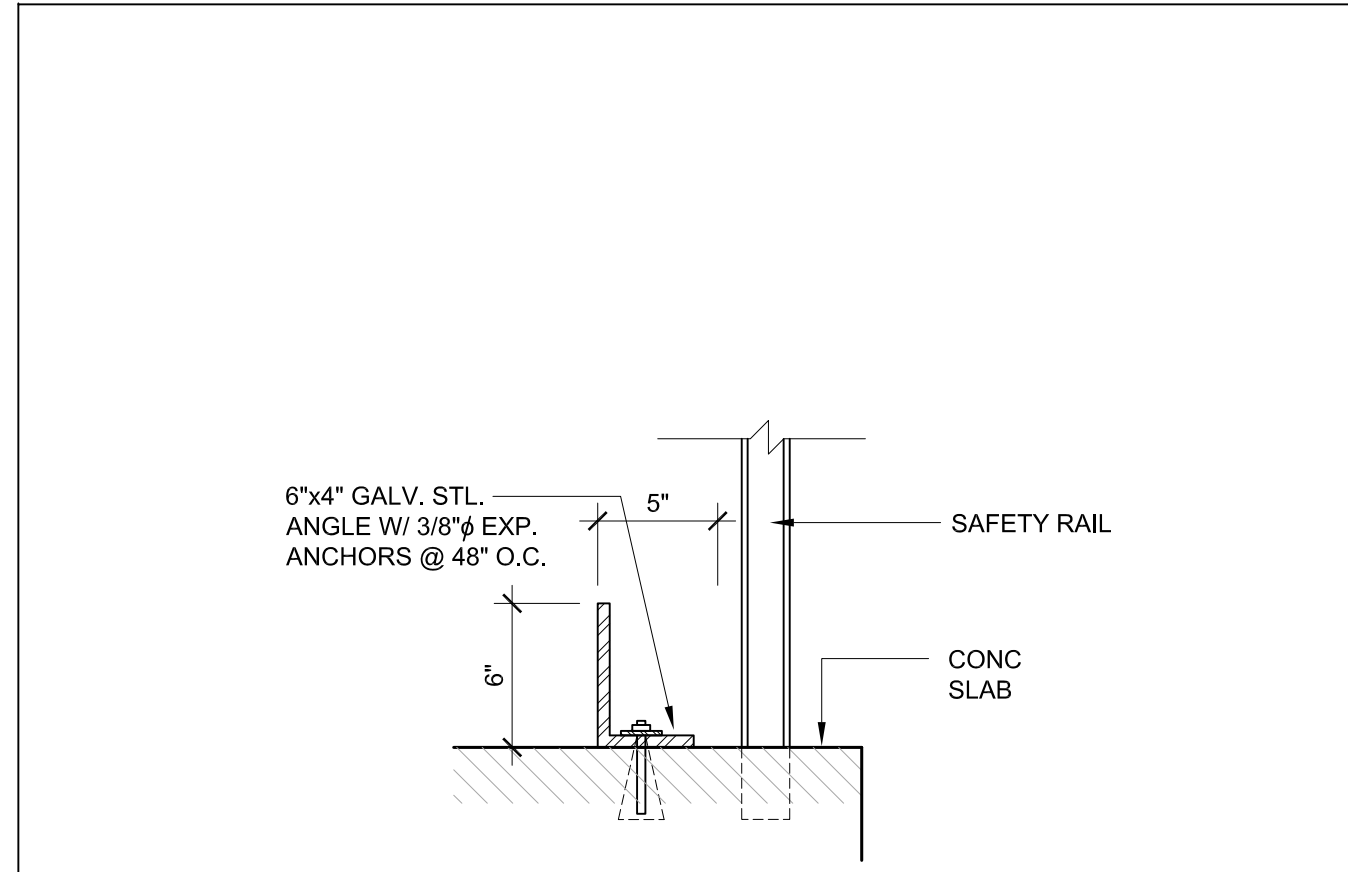
1 Detail: **VERTICAL CIRCULATION - DETAILS • ALTERNATING TREAD LADDER** Fac. [Ch. Sect. Para. Detail] **G2-7-3 a**
 CAD File: [usps/library/details/G2-7-3a.dwg] Scale: 3/4" = 1'-0" 1/2" 1" USPS S&L Issued: 10/1/2021 Last Revised: 3/17/1999



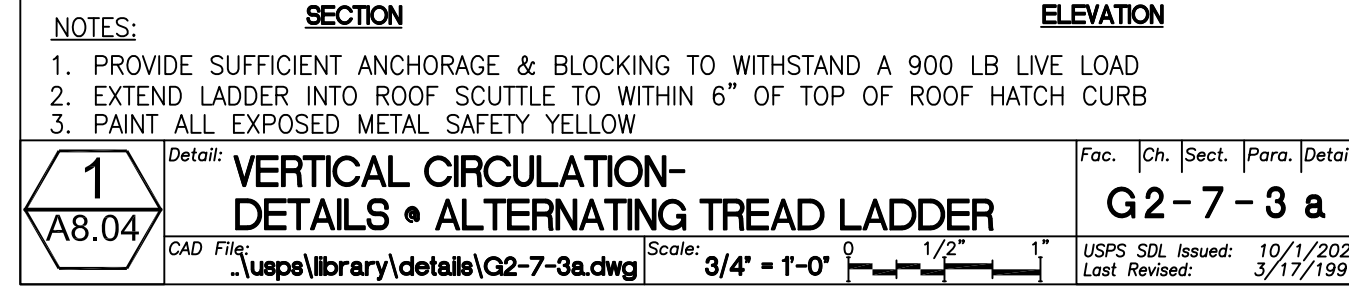
2 Detail: **PROTECTIVE BARRIERS - DETAIL • VESTIBULE GUARD RAIL** Fac. [Ch. Sect. Para. Detail] **G2-7-4 b**
 CAD File: [usps/library/details/G2-7-4b.dwg] Scale: 1/2" = 1'-0" 1/2" 1" USPS S&L Issued: 10/1/2021 Last Revised: 3/17/1999



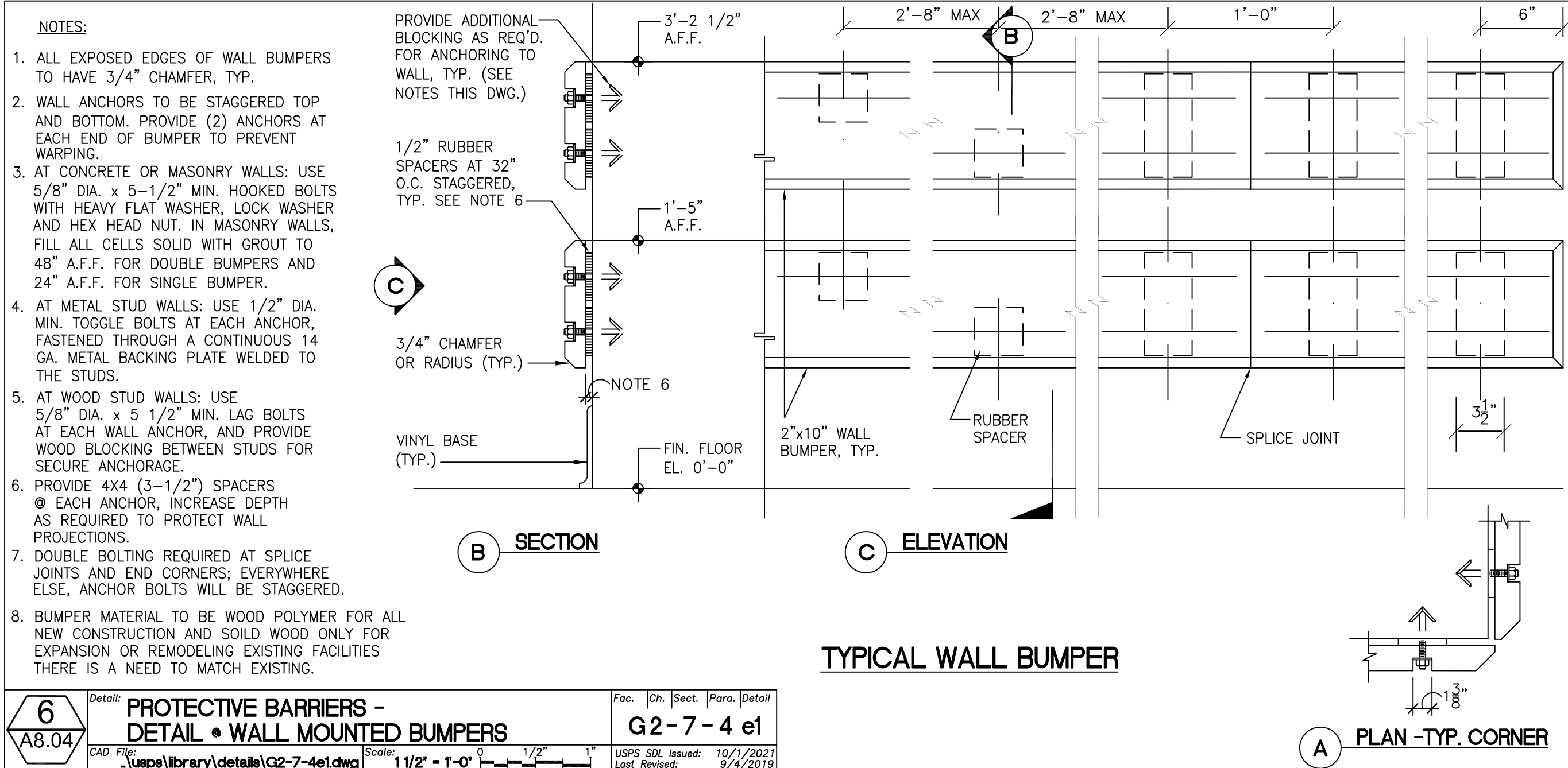
3 Detail: **PROTECTIVE BARRIERS - DETAIL • HANDRAIL SLEEVE** Fac. [Ch. Sect. Para. Detail] **G2-7-4 c1**
 CAD File: [usps/library/details/G2-7-4c1.dwg] Scale: 3" = 1'-0" 1/2" 1" USPS S&L Issued: 10/1/2021 Last Revised: 3/17/1999



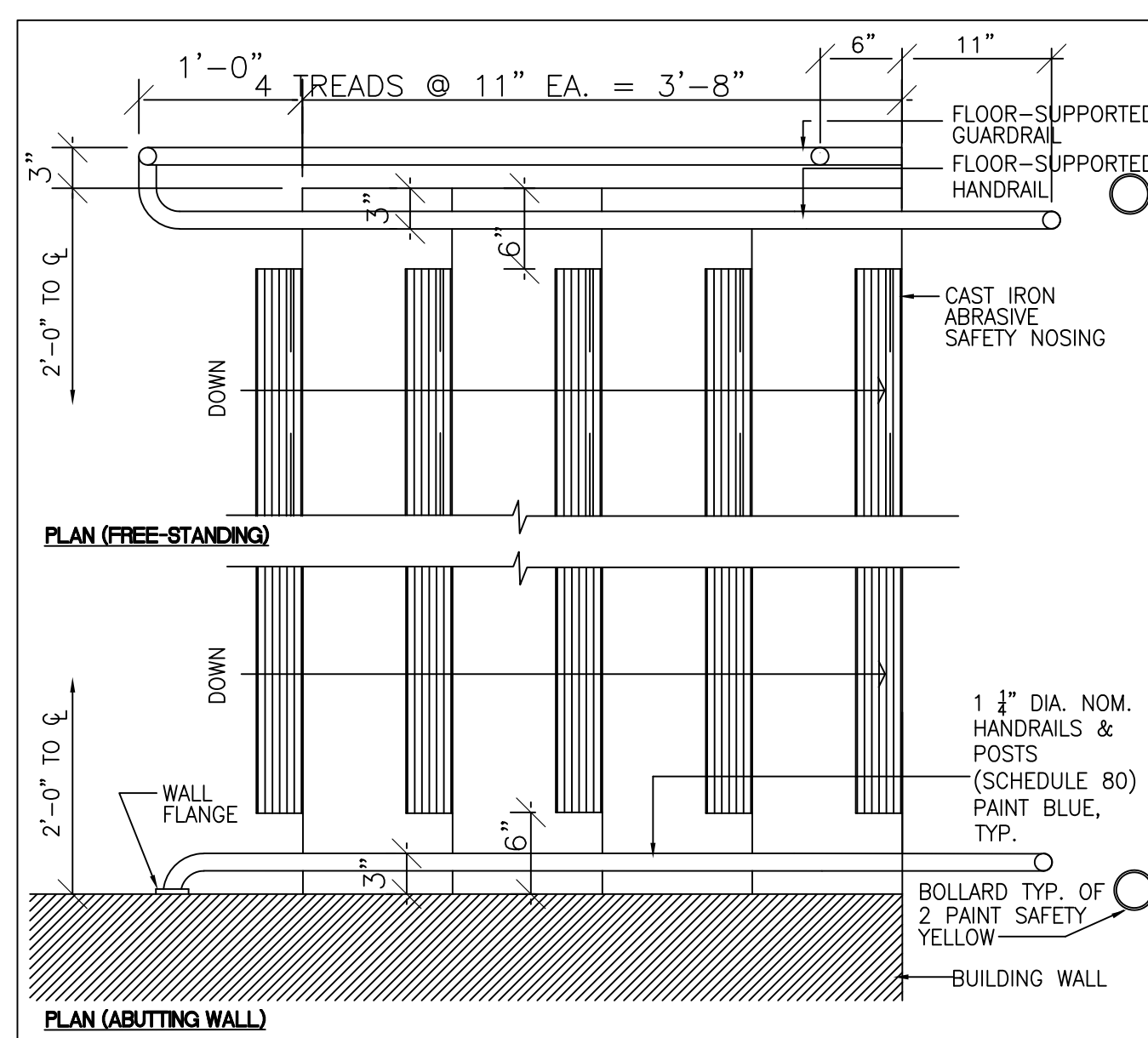
4 **SAFETY RAIL PROTECTION DETAIL** SCALE: N.T.S.



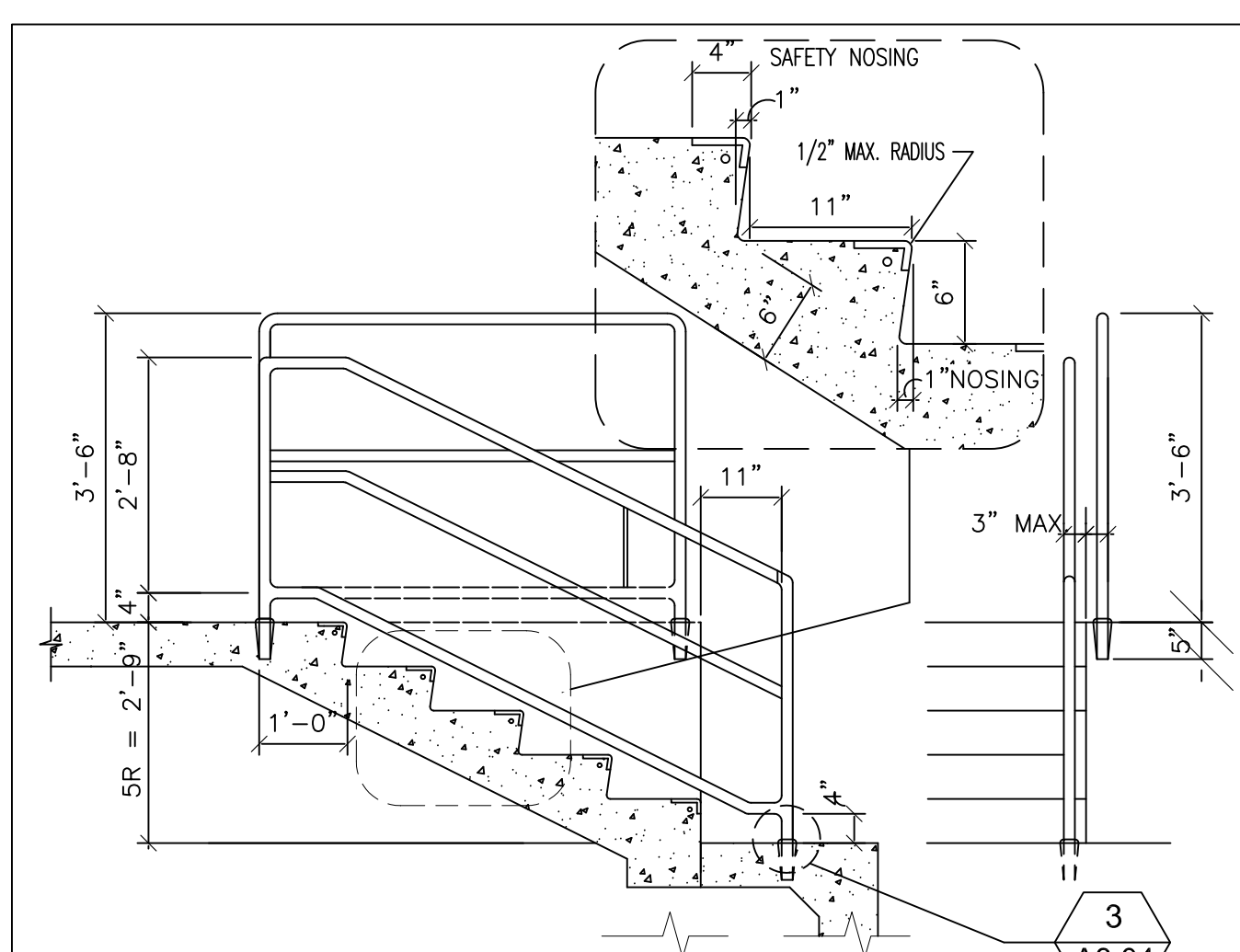
5 **DOWNSPOUT PROTECTION DETAIL** SCALE: N.T.S.



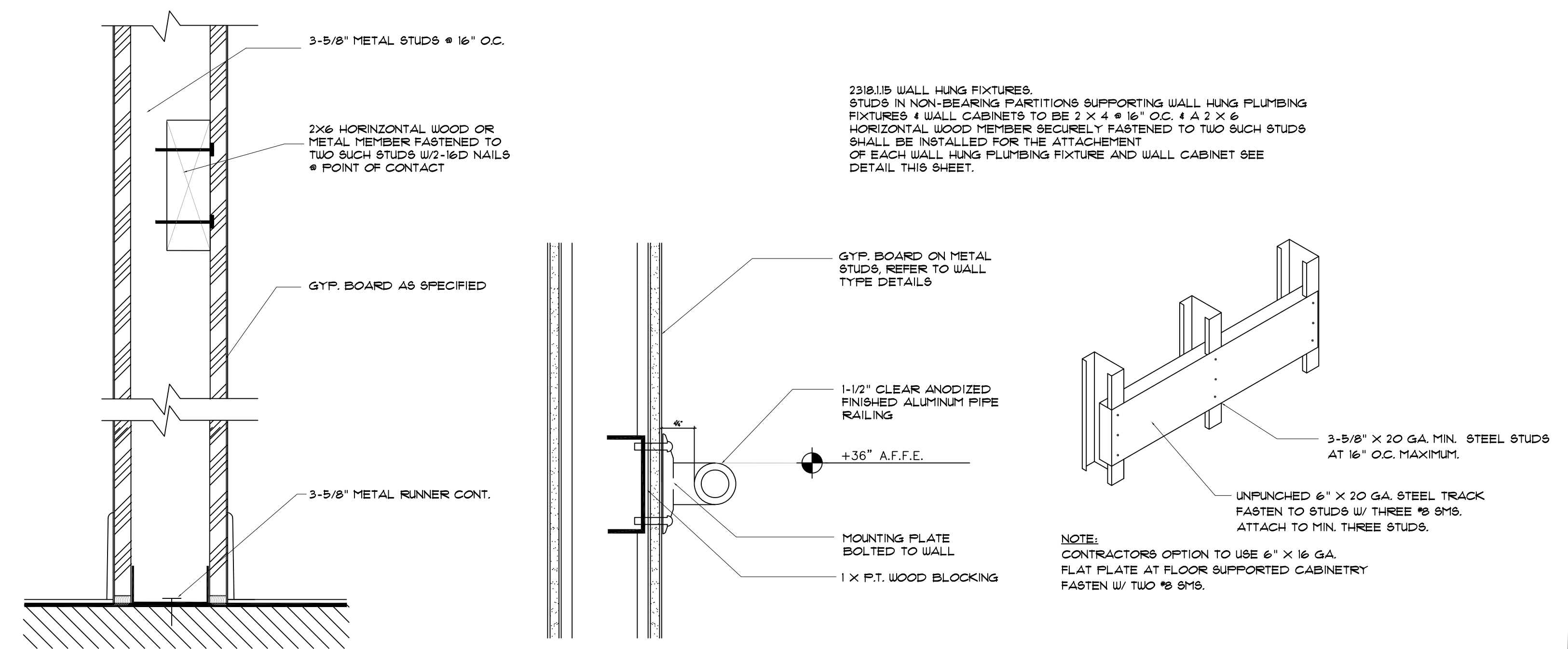
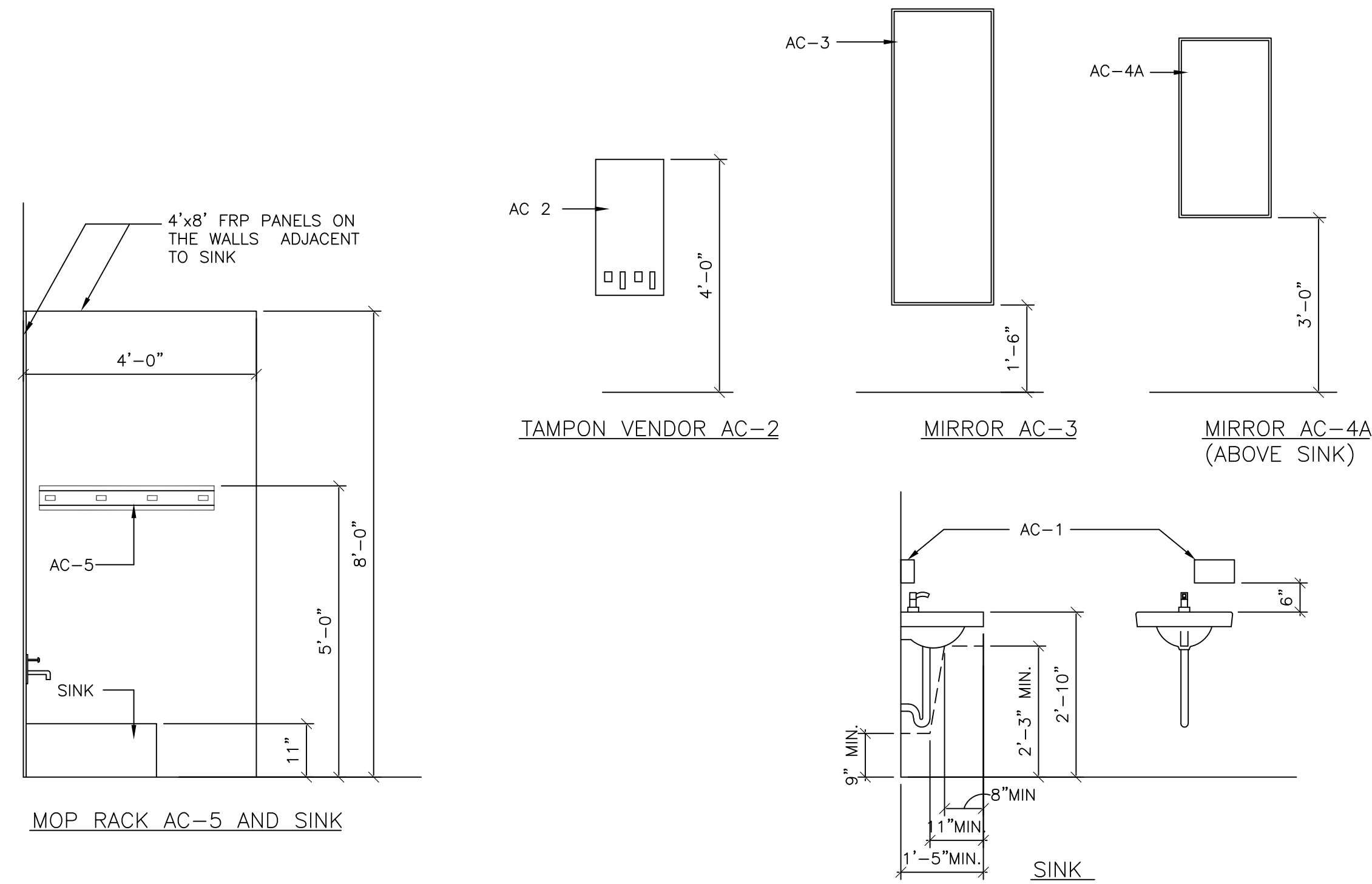
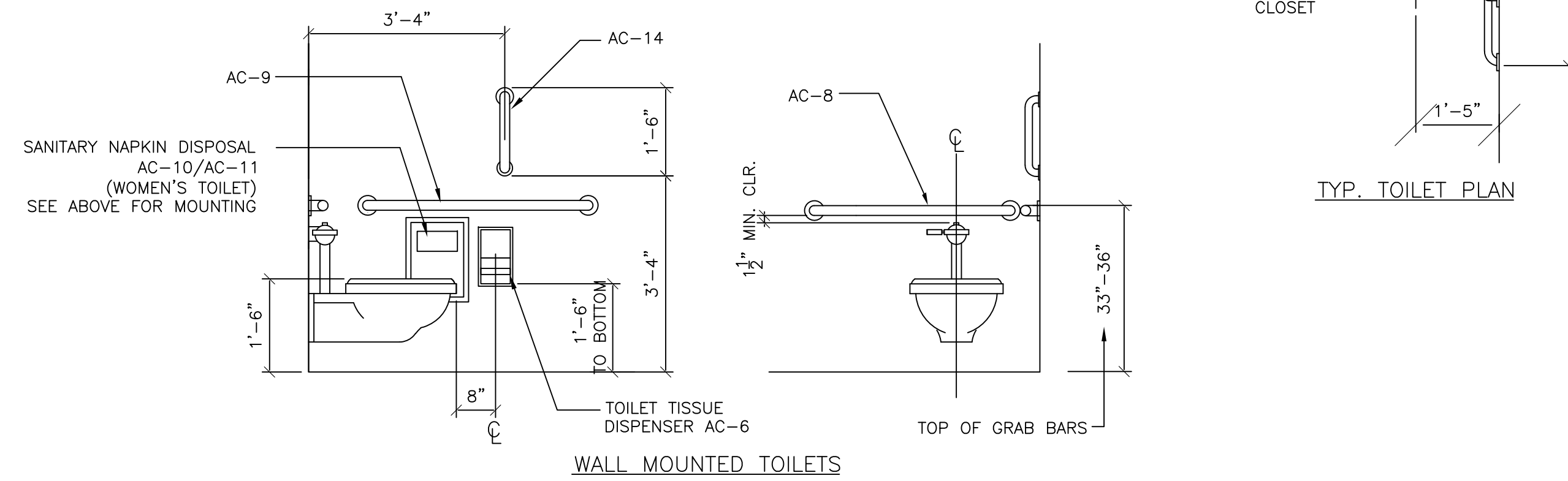
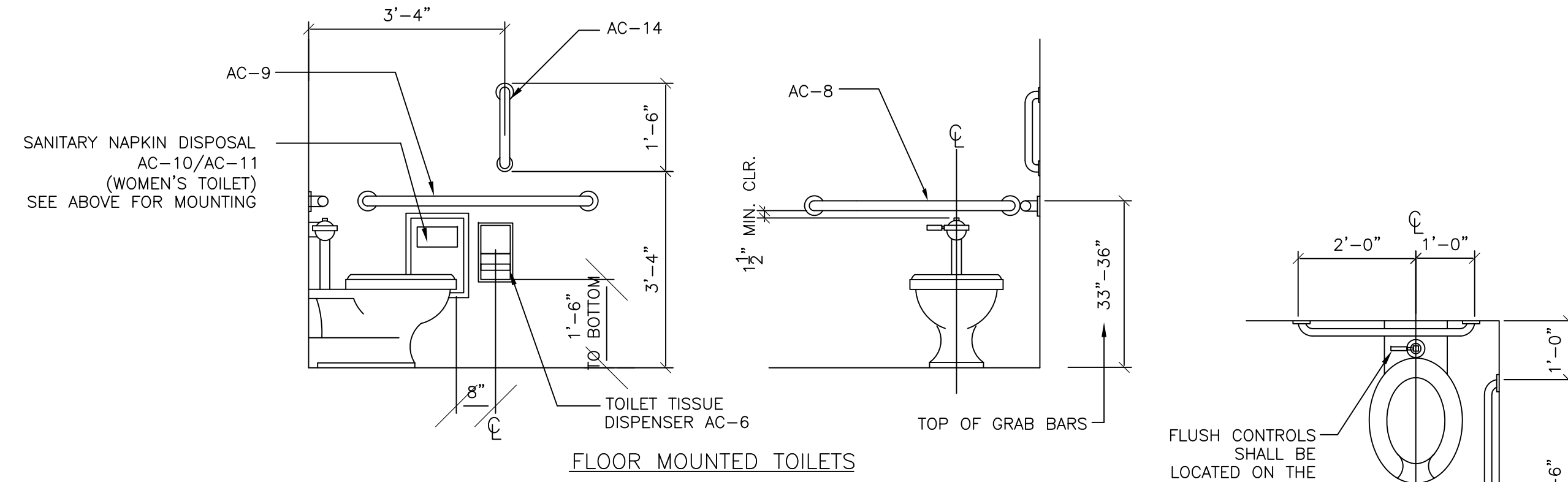
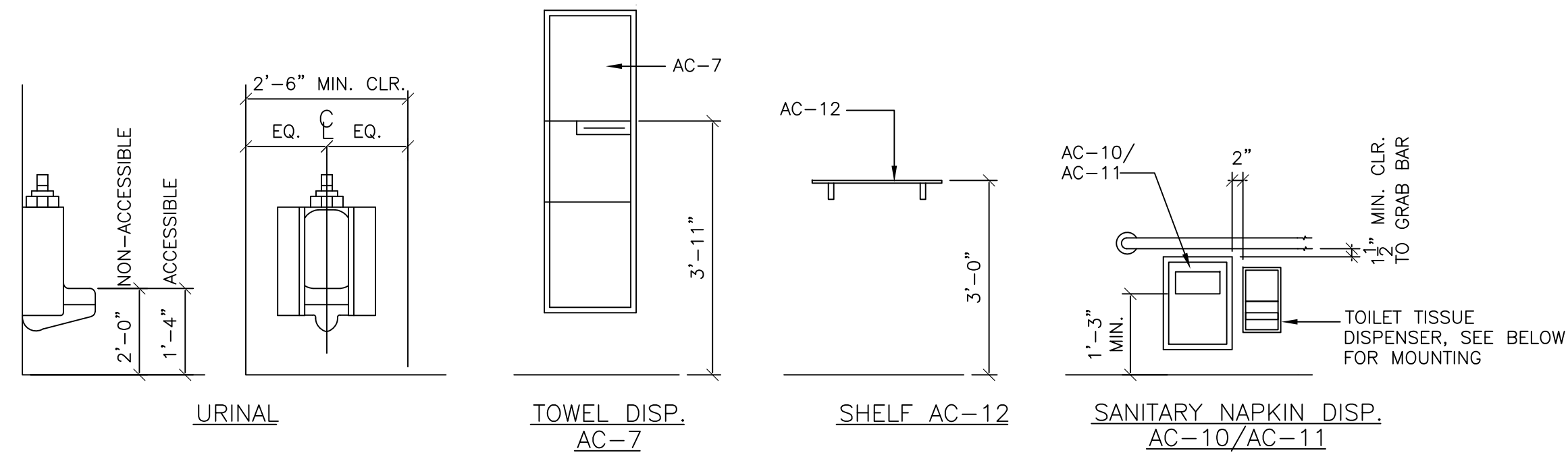
6 Detail: **PROTECTIVE BARRIERS - DETAIL • WALL MOUNTED BUMPERS** Fac. [Ch. Sect. Para. Detail] **G2-7-4 e1**
 CAD File: [usps/library/details/G2-7-4e1.dwg] Scale: 1 1/2" = 1'-0" 1/2" 1" USPS S&L Issued: 10/1/2021 Last Revised: 9/4/2019



7 Detail: **PLATFORM STAIRS - PLAN • PLATFORM STAIR** Fac. [Ch. Sect. Para. Detail] **G2-3-7 b**
 CAD File: [usps/library/details/G2-3-7b.dwg] Scale: 1" = 1'-0" 1/2" 1" USPS S&L Issued: 10/1/2021 Last Revised: 10/1/2015



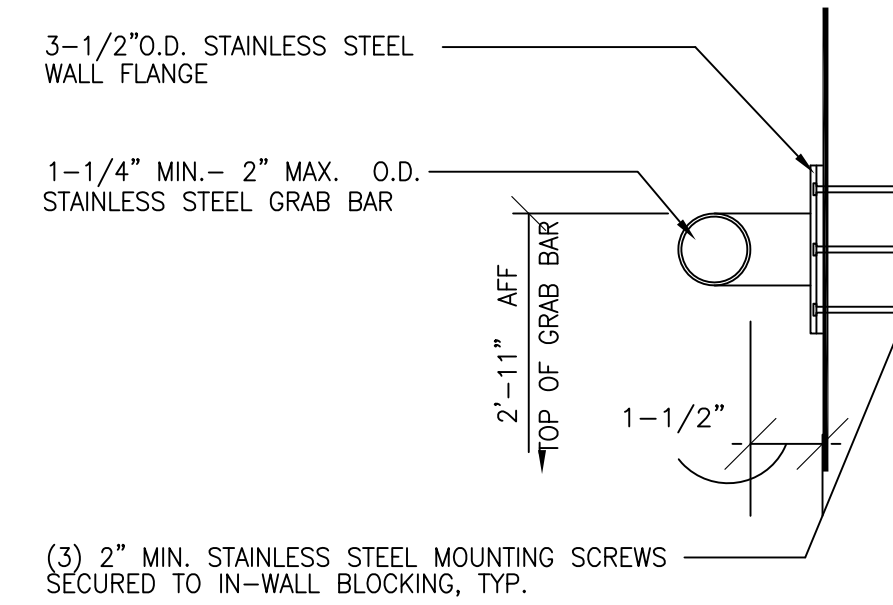
8 Detail: **PLATFORM STAIRS - ELEVATION • PLATFORM STAIR** Fac. [Ch. Sect. Para. Detail] **G2-3-7 c**
 CAD File: [usps/library/details/G2-3-7c.dwg] Scale: 1/2" = 1'-0" 1/2" 1" USPS S&L Issued: 10/1/2021 Last Revised: 10/1/2015



PARTITION REINFORCING DETAIL GRAB BAR MOUNTING DETAIL - PARTITION

2
A8.05

PARTITION REINFORCING DETAIL



NOTE: 1. INSTALLATION MUST WITHSTAND 250 LB. FORCE IN ANY DIRECTION.

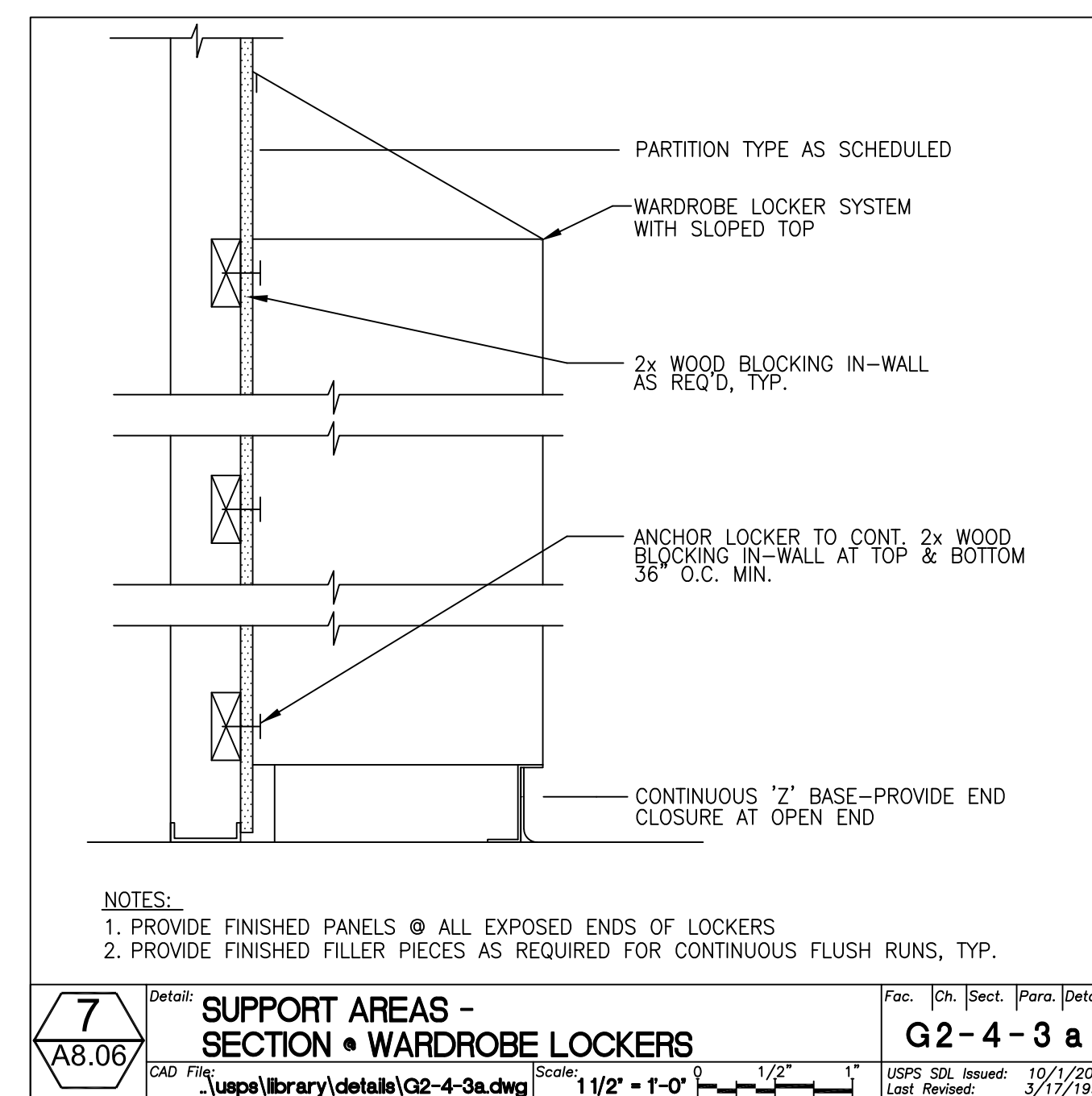
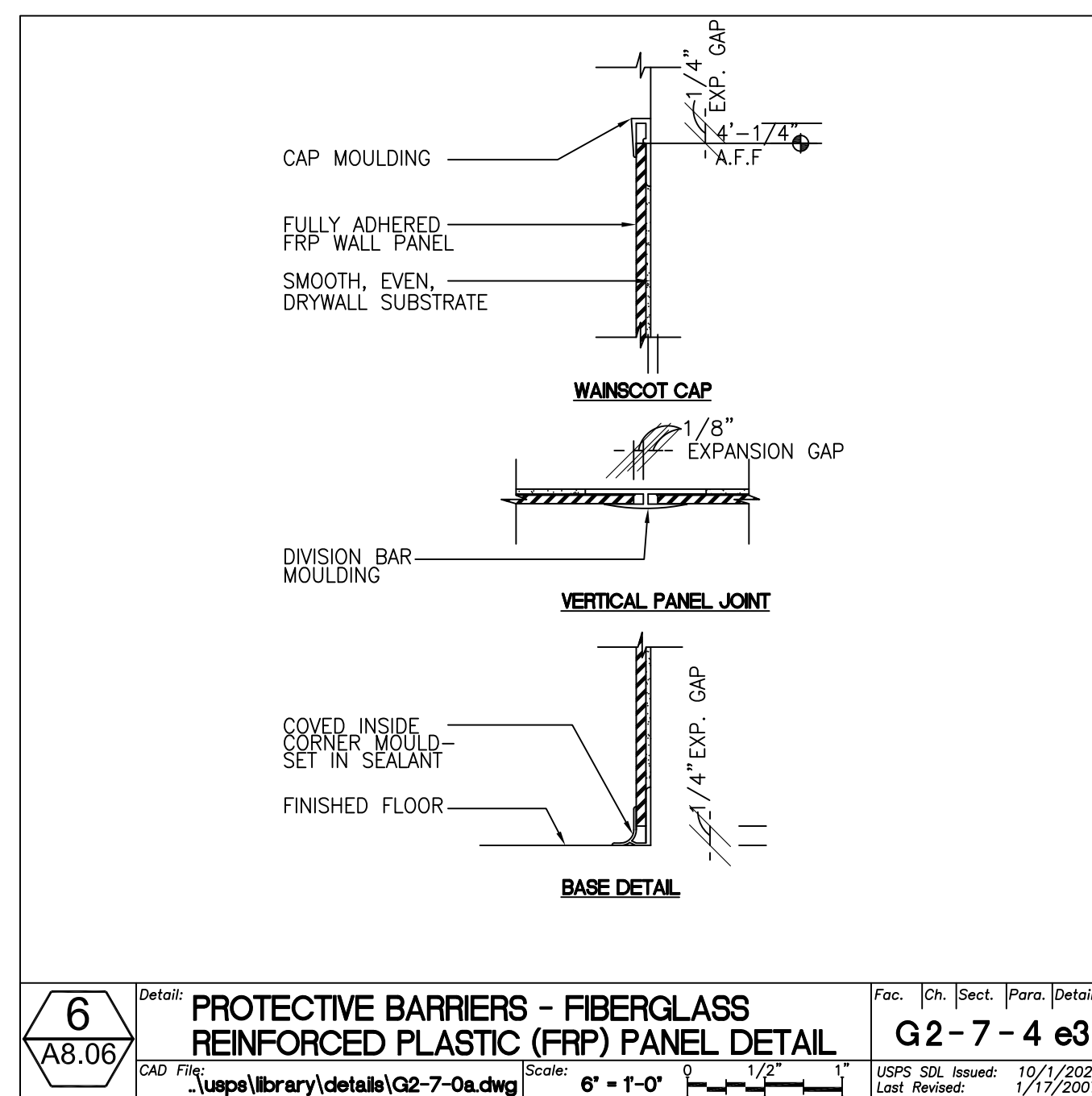
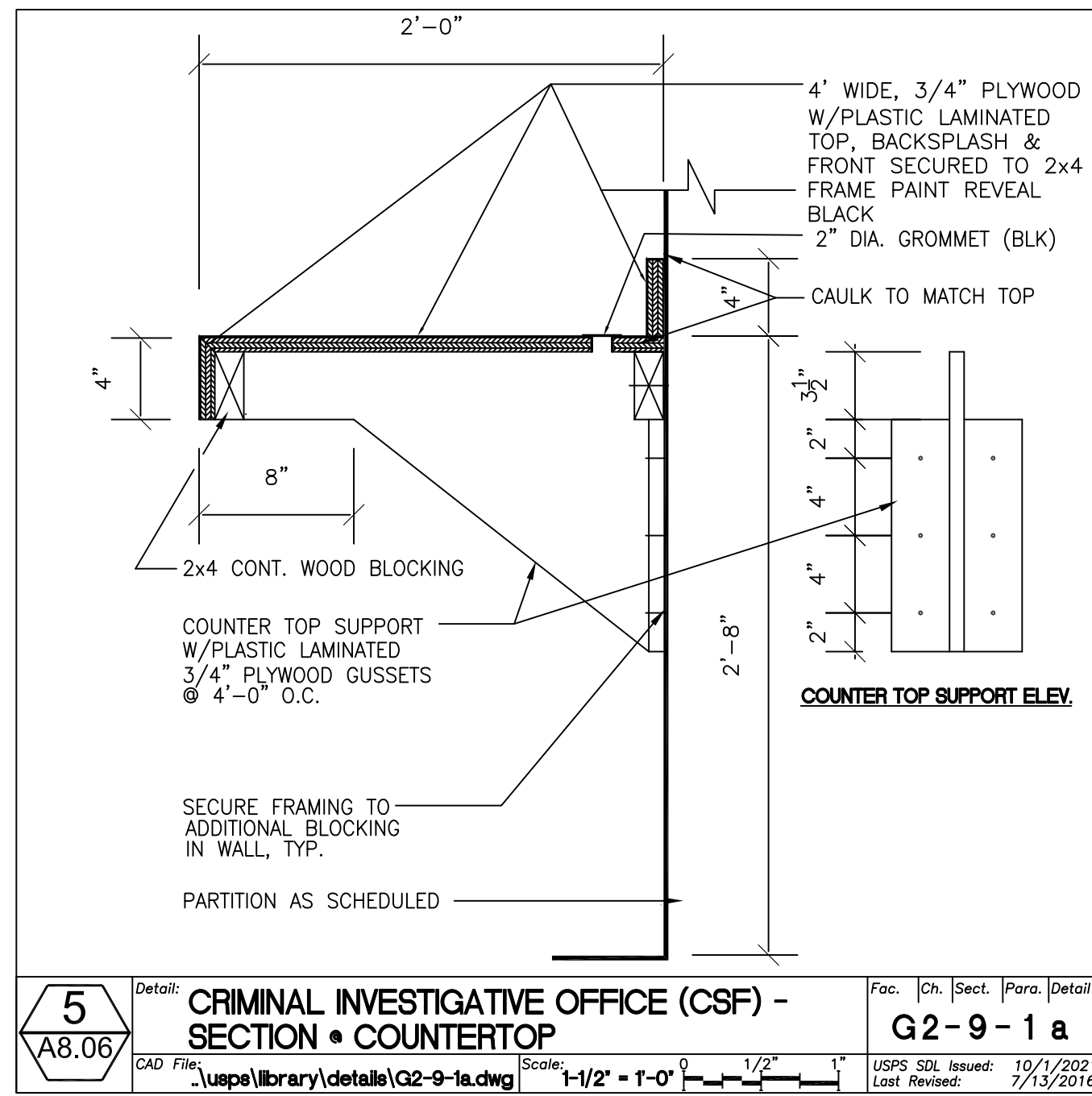
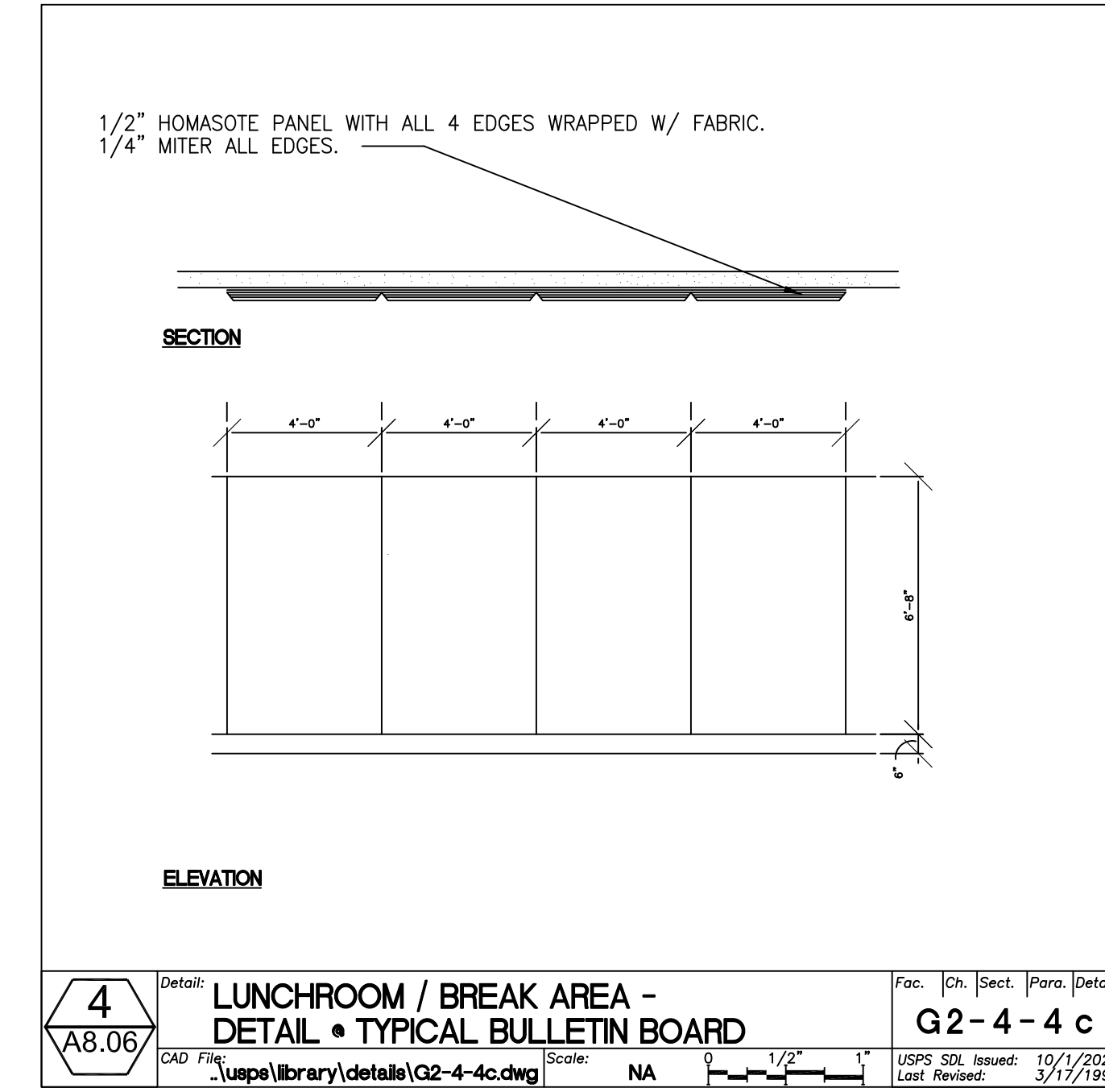
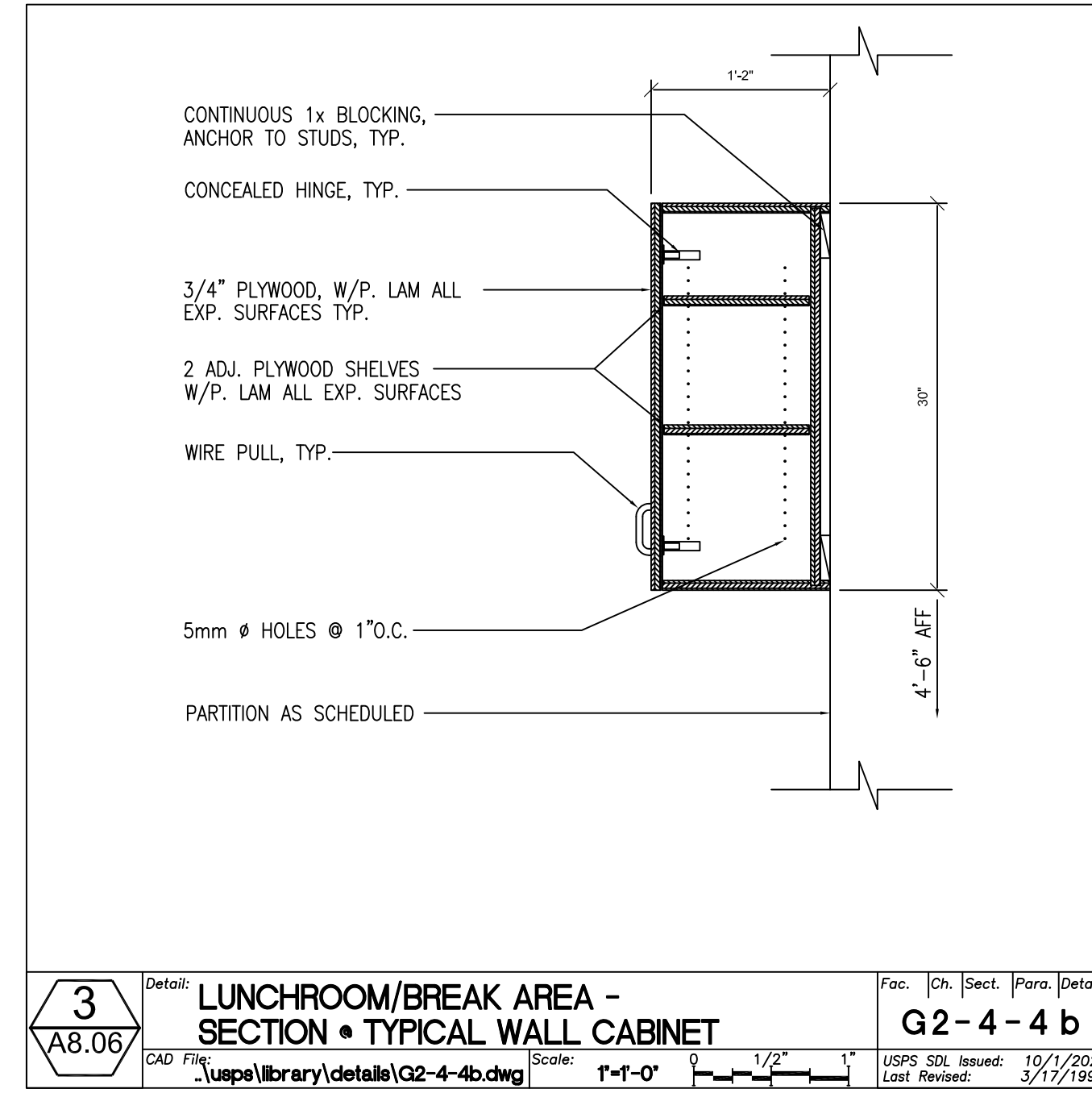
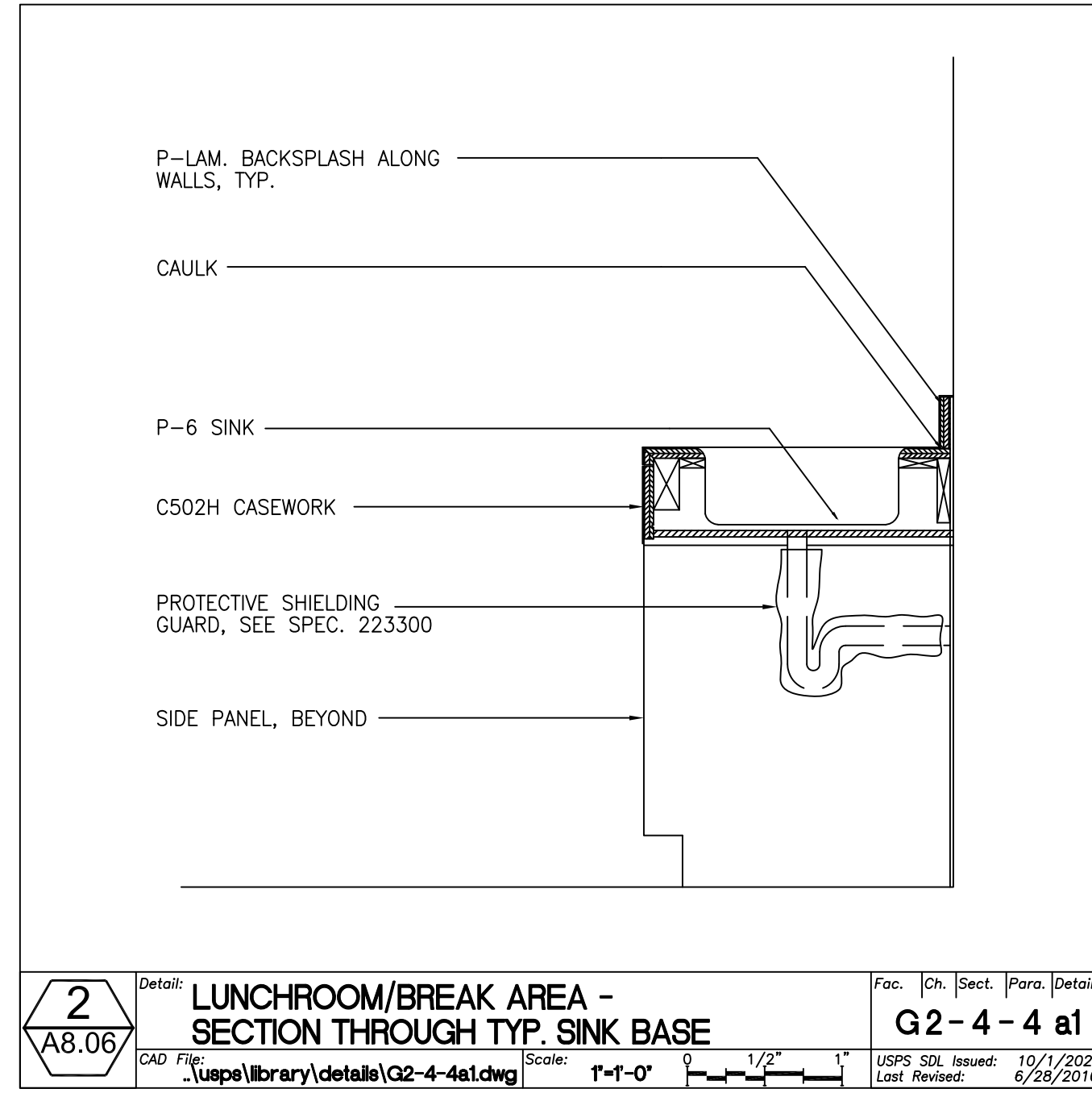
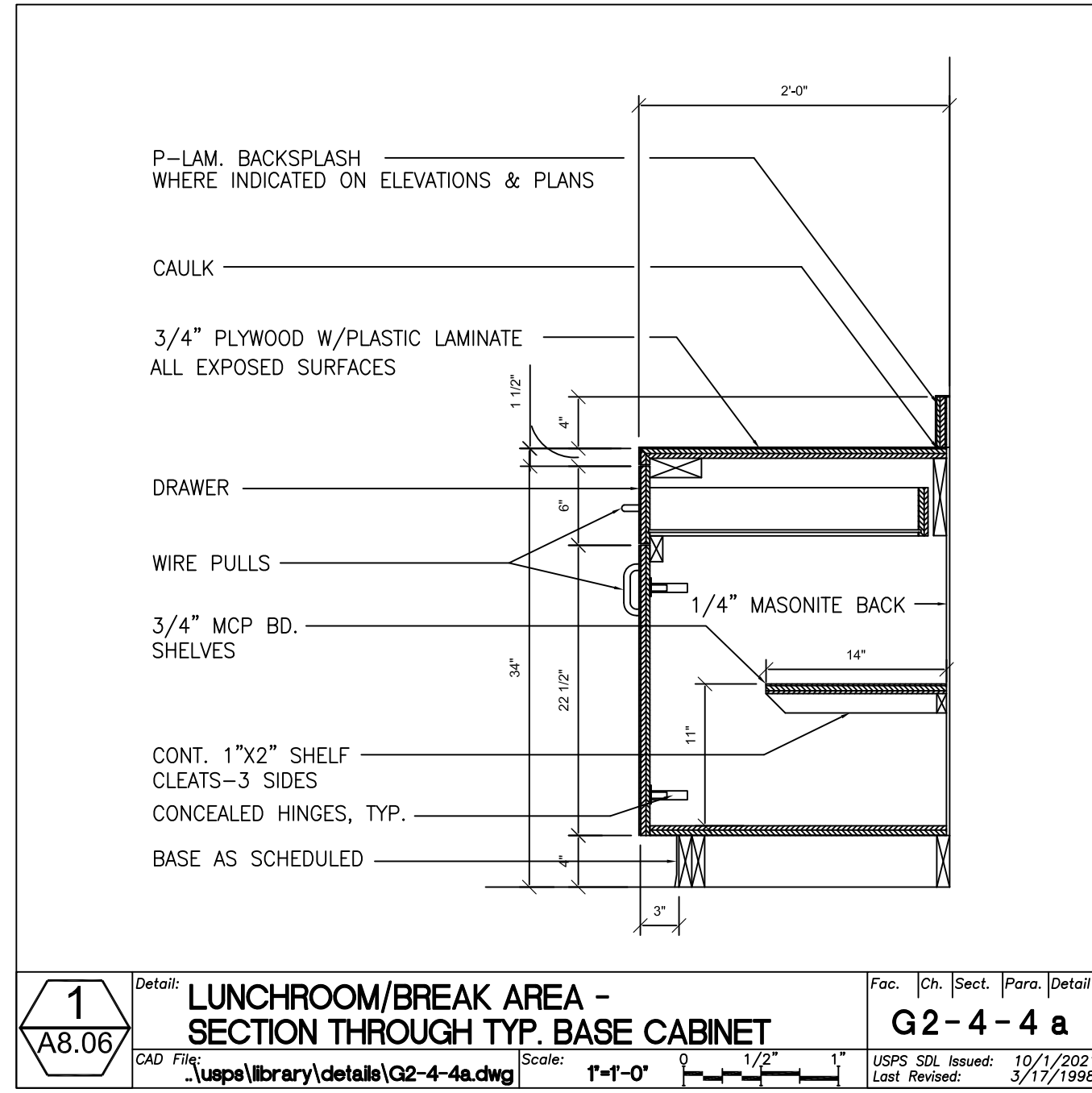
3
A8.05

TOILET FACILITIES - SECTION • GRAB BAR

CAD FILE: \usps\library\details\G2-4-2b.dwg Scale: 3" = 1'-0" 0 1/2" 1" USPS S&L Issued: 10/1/2001 Last Revised: 9/17/2005

Fac. Ch. Sect. Para. Detail
G2-4-2 b

1
A8.05 Detail: TOILET FACILITIES - ELEVATIONS • TOILET ROOM FIXTURES G2-4-2 a
Fac. Ch. Sect. Para. Detail
USPS S&L Issued: 10/1/2001 Last Revised: 6/28/2010



AN ARROW "ENTER" SIGN SHALL BE MOUNTED ON THE APPROACH SIDE OF VESTIBULE IMPACT DOORS @ 6'-6" AFF. (± 5 IN) TO CENTERLINE OF SIGN.

"ENTER" SIGN SHALL BE 6" MIN. DIAMETER HAVING A GREEN CIRCLE SURROUNDING A BLACK ARROW ON A WHITE BACKGROUND, TYP.

A "NO ENTRY" OR "NO EXIT" SIGN SHALL BE MOUNTED ON THE APPROACH SIDE OF VESTIBULE IMPACT DOORS THAT SWING TOWARD PEDESTRIANS ATTEMPTING TO TRAVEL IN THE WRONG DIRECTION. MOUNT @ 6'-6" (± 5 IN) TO CENTERLINE OF SIGN.

"NO ENTRY" OR "NO EXIT" SIGNS SHALL BE 6" MIN. DIA. WITH WORDING IN 2" MIN. WHITE LETTERS ON RED BACKGROUND, TYP.

"NO ENTRY" OR "NO EXIT" SIGNS

1
A8.07
Detail: **BUILDING IDENTIFICATION - IMPACT DOOR PICTOGRAPHS**
Scale: 1/2" = 1'-0"
USPS SCL Issued: 10/1/2021
Last Revised: 9/17/2020

NOTES:
1. MOUNT SIGN PANELS WITH SCREWS AND EXPANSION SLEEVES AS REQUIRED.
2. SIGNAGE SHALL BE MOUNTED ON THE LATCH SIDE OF DOOR.

2
A8.07
Detail: **BUILDING IDENTIFICATION - ROOM SIGNAGE**
Scale: 1/2" = 1'-0"
USPS SCL Issued: 10/1/2021
Last Revised: 3/17/2020

NOTES:
1. TYPE FACE SHALL BE HELVETICA MEDIUM UPPER AND LOWER CASE.
2. PROVIDE 1/32" RAISED LETTERING W/BRILLE.

3
A8.07
Detail: **BUILDING IDENTIFICATION - TYPICAL SIGNAGE CONFIGURATIONS**
Scale: 1/2" = 1'-0"
USPS SCL Issued: 10/1/2021
Last Revised: 9/17/2020

NOTE: SEE DETAIL G2-7-4b2 FOR PROTECTIVE RAILS AT WALL-MT. LOCATIONS.

4
A8.07
Detail: **FIRE EXTINGUISHERS - EXTINGUISHER IDENTIFICATION**
Scale: 3/16" = 1'-0"
USPS SCL Issued: 10/1/2021
Last Revised: 9/17/2020

NOTE:
1. PROVIDE 1/32" RAISED GRAPHIC W/ BRILLE FOR TOILET ROOMS.

5
A8.07
Detail: **BUILDING IDENTIFICATION - ROOM SIGNAGE PICTOGRAPHS**
Scale: 1/2" = 1'-0"
USPS SCL Issued: 10/1/2021
Last Revised: 9/17/2020

1042.14 F.B.C.- CORRIDOR PARTITIONS, SMOKESTOP PARTITIONS, HORIZONTAL SMOKE PARTITIONS, EXIT ENCLOSURES, AND FIRE RATED WALLS REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES. SUGGESTED WORDING:

"FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS"

6
A8.07

RESILIENT FLOOR TILE
RFT-1 ALTRO, 24"x24"x0.08" THICK, 9306 CHARCOAL CD
RFT-2 ALTRO, 24"x24"x0.08" THICK, 9302 ROCK SALT CD
RFT-1 RICKETT, 24"x24"x0.080" THICK, 8806 FLY ASH
RFT-2 RICKETT, 24"x24"x0.080" THICK, 8804 TRIBECA
RFT-1 UPOFLOOR, 24"x24"x0.080" THICK, 619306
RFT-2 UPOFLOOR, 24"x24"x0.080" THICK, 619302
RFT-1 PROCEDO, 24"x24"x0.098" THICK, NORFOLK QNOR (SEE NOTE 2)
RFT-2 PROCEDO, 24"x24"x0.098" THICK, RENO GREN (SEE NOTE 2)

BASE
VB-1 STANDARD 4" WALL BASE, BLACK

EPOXY FLOOR AND WALL COATING
LIGHT GRAY

PAINT (SEE NOTE 1)
P-1 (WHITE) GUDDEN (ICI) #50YY 83/057
P-2 (LIGHT GRAY) GUDDEN (ICI): #50BG 62/007
P-3 NOT USED
P-4 (RED) PMS 485 C "POSTAL RED"
P-5 (BLUE) PMS 301 C "POSTAL BLUE"
P-6 (MD. GRAY) SHERWIN WILLIAMS, #SW1232, "DUBLIN GRAY"
P-7 (BLACK) EGGSHELL SEMI-GLOSS BLACK

ACOUSTICAL CEILING TILE & GRID
ACT-1 ARMSTRONG, Fine Fissured #1729, White, 2'x4'x5/8" LAY-IN
CG-1 ARMSTRONG, PRELUDE 15/16" WHITE, EXPOSED TEE SYSTEM CEILING GRID

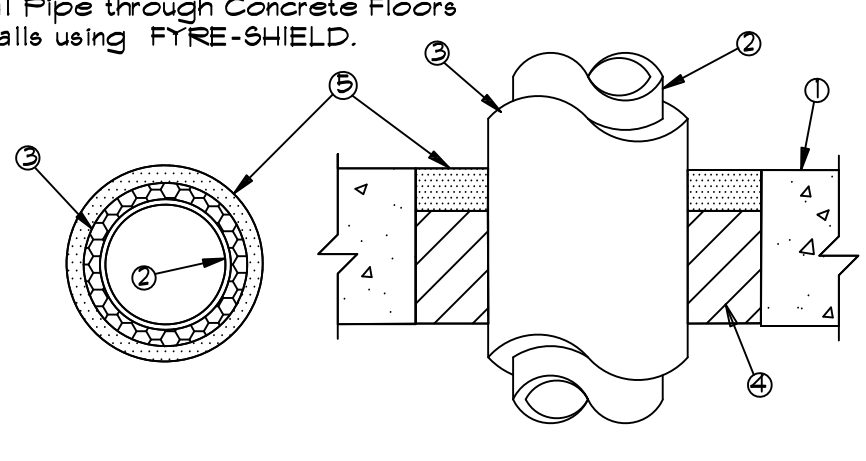
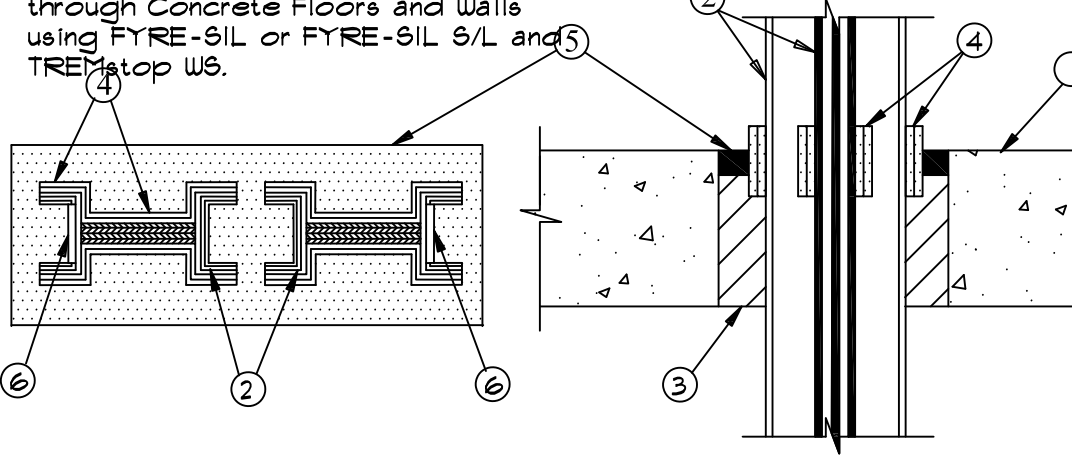
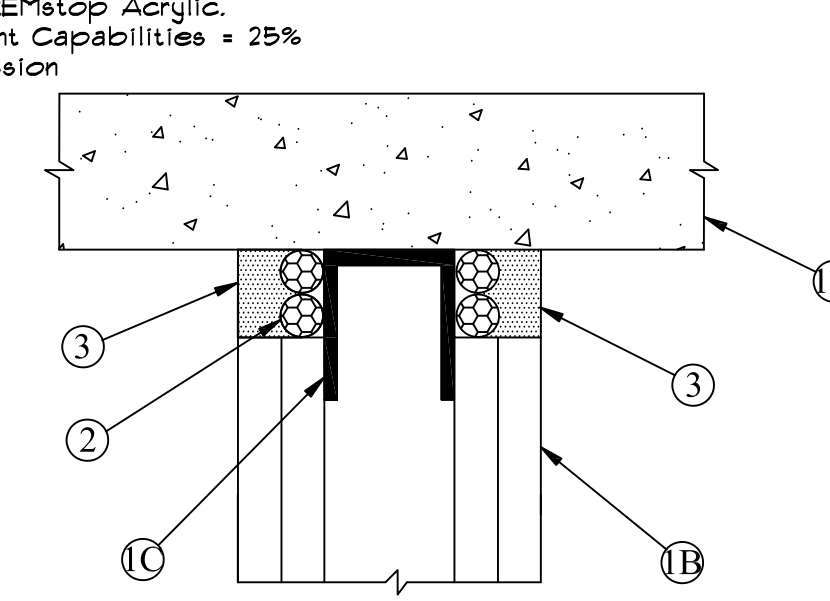
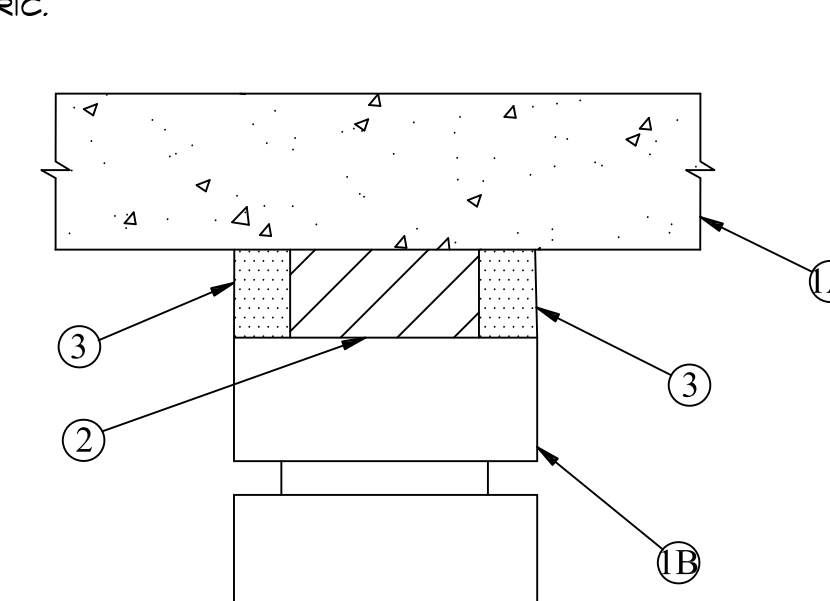
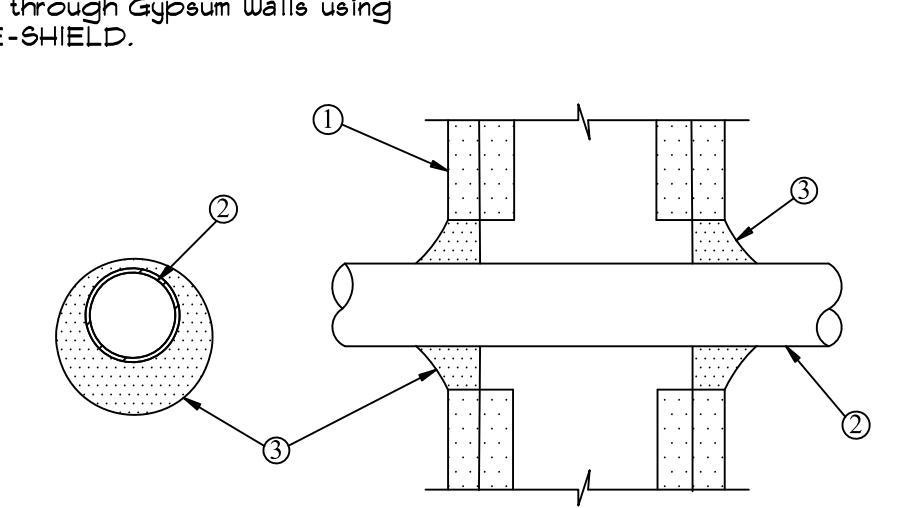
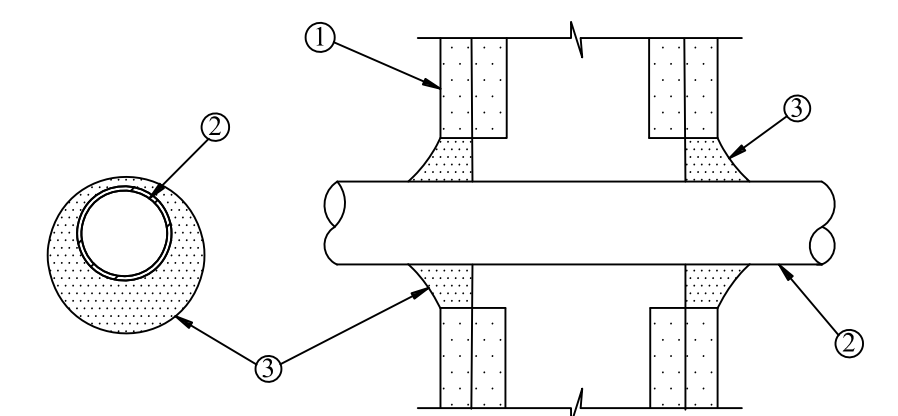
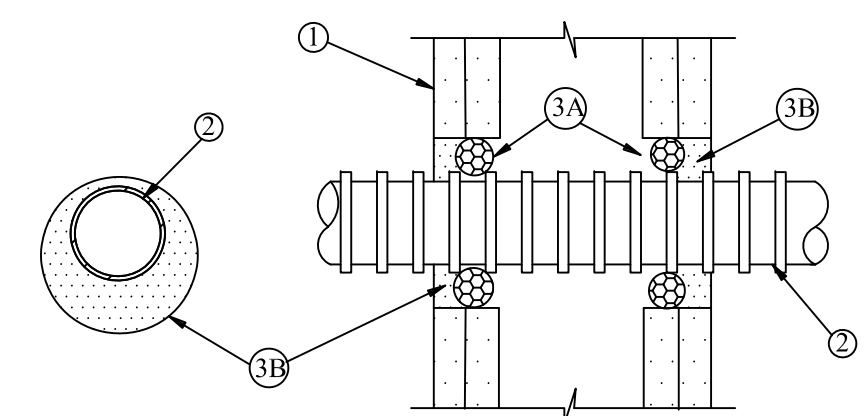
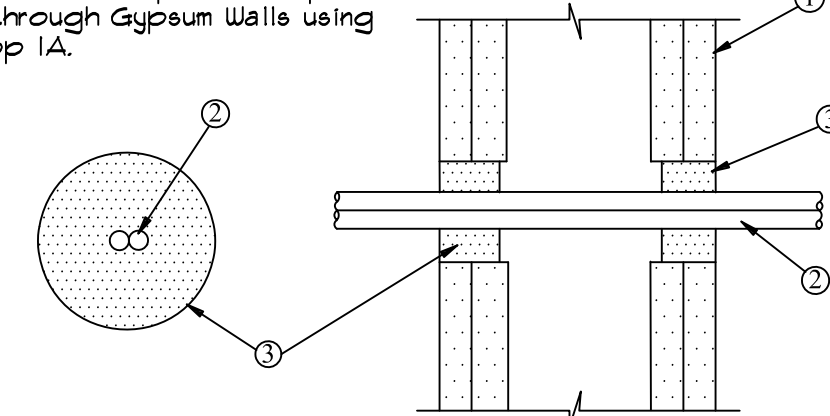
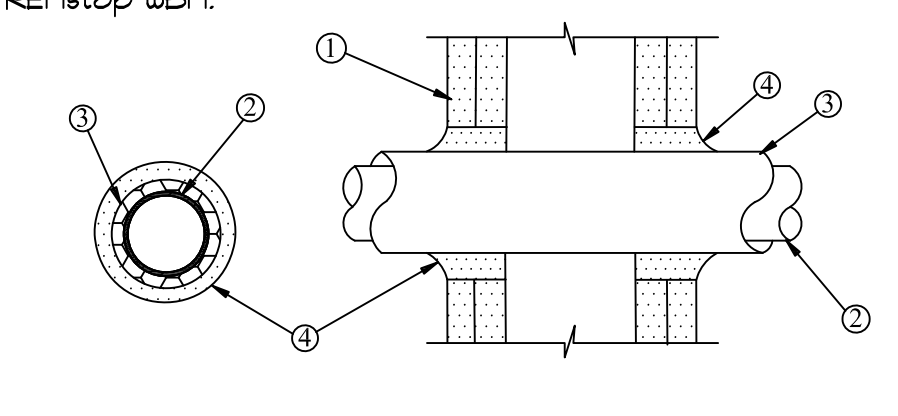
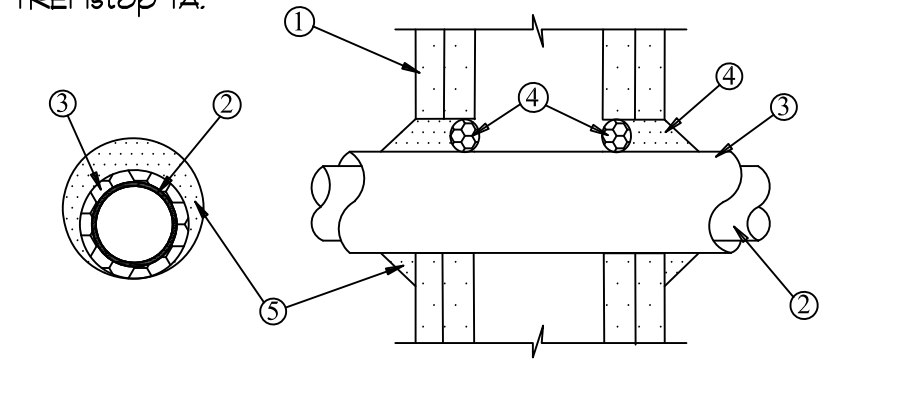
PLASTIC LAMINATE
PL-1 NEVAMAR, #S-7-27T, TEXTURED FINISH, "SMOKEY WHITE"
PL-2 FORMICA #839-58 "STOP RED"
PL-3 FORMICA, #914-58 "MARINE BLUE"
PL-4 WILSONART, #4142-60, "GREY GLACE"
PL-5 FORBO, WALTON, UNI #186, "LEAD"

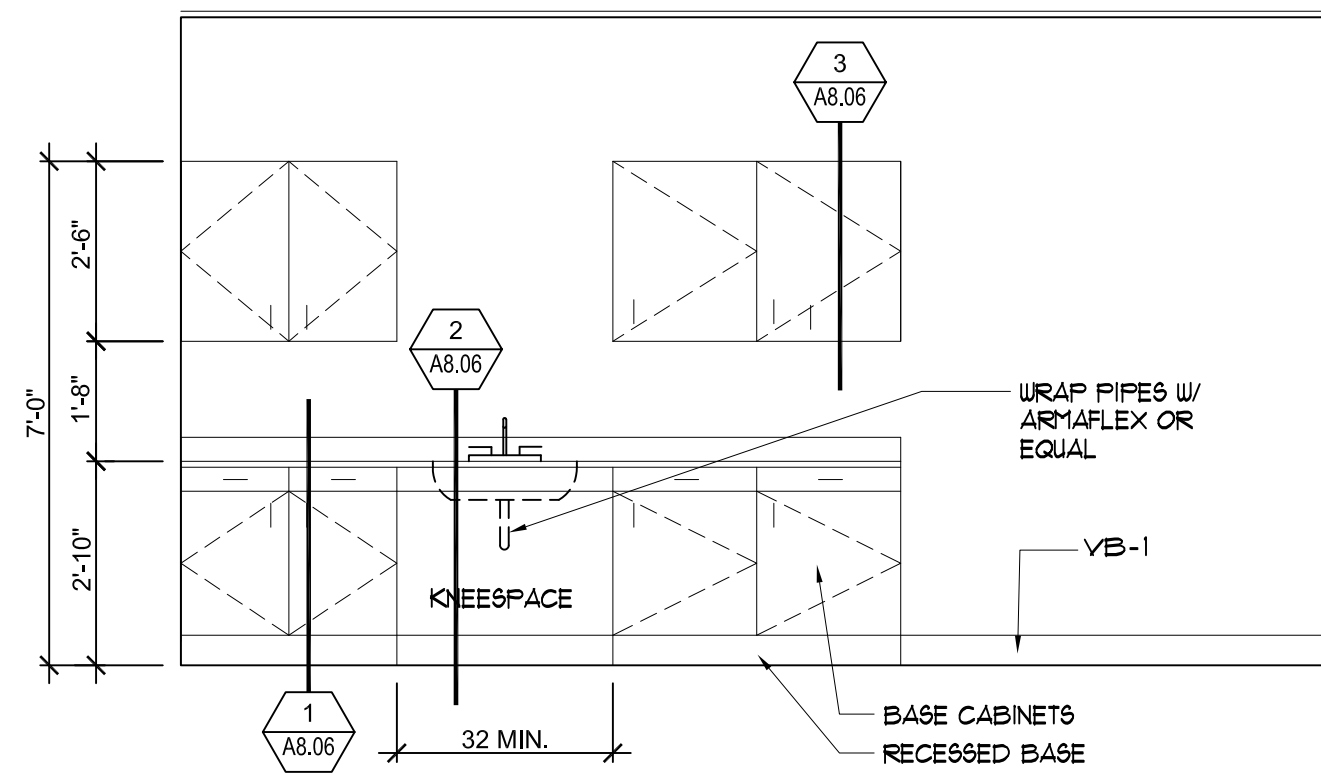
SOLID SURFACING
S-1 SAMSUNG STARON "SOLID BRIGHT WHITE"

FIBERGLASS REINFORCED PLASTIC PANELS
FRP STRUCTOGLAS FRP 1207 GRAY OR EQUAL

KEYED NOTES:
1. FINISHES LISTED THE PREFERRED OPTION. ACCEPTABLE ALTERNATES ARE LISTED IN THE APPROPRIATE SPECIFICATION SECTIONS.
2. PROCEDO QUARTZ TILE MAY BE ONLY BE USED AS PART OF THE NAFES ASBESTOS CONTAINMENT SYSTEM.

7
A8.07
Detail: **USPS STANDARD COLOR AND MATERIAL LIST**
Scale: N/A
USPS SCL Issued: 10/1/2021
Last Revised: 8/20/2020

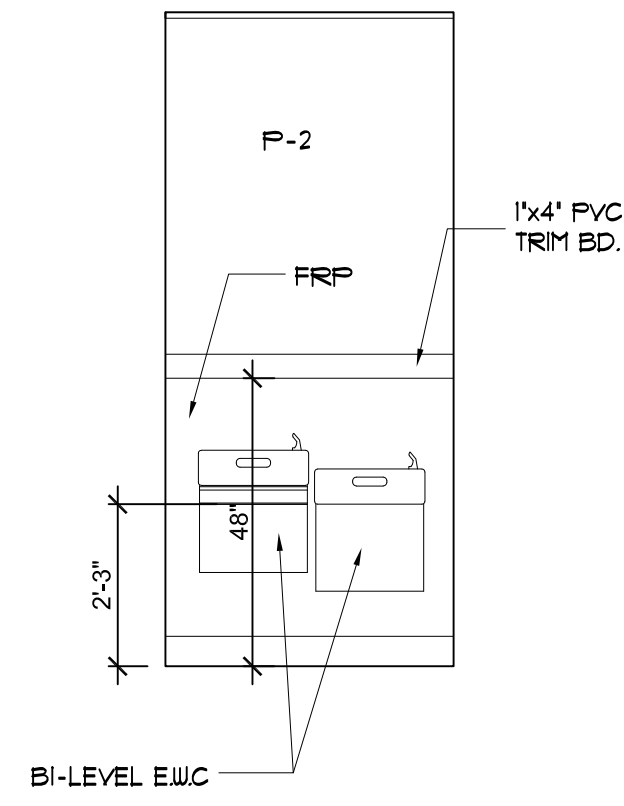
<p>CAJ 5023 F-Rating = 3 Hour T-Rating = 1-1/2 Hour 3 Hour Fire Rated Through Penetration Firestop for Insulated Metal Pipe through Concrete Floors or Walls using FYRE-SHIELD.</p>  <ol style="list-style-type: none"> Pre-Rated Concrete Floor or Wall Assembly = Min. 4-1/2" thickness Metallic Pipe - 6" diam. (or smaller) Sch. 40 (or heavier) steel pipe. The nom. annular space of 1/16" is required in the firestop system. Pipe Covering - Nom. 1" thick (or less) fiberglass insulation. Packing Material - Min. 4" thickness of CERABLANKET-F6 or ceramic fiber insulation (min. 60 pcf) firmly packed into opening as a permanent form. FYRE-SHIELD - Min. 1-1/2" thickness of sealant applied within opening, flush with top surface of floor or both surfaces of wall assembly. 	<p>CAJ 6007 F-Rating = 2 4 3 Hour T-Rating = 0 4 1/2 Hour 2 and 3 Hour Fire Rated Through Penetration Firestop for Bus Ducts through Concrete Floors and Walls using FYRE-SIL or FYRE-SIL S/L and TREMstop WS.</p>  <ol style="list-style-type: none"> Pre-Rated Concrete Floor or Wall Assembly = Min. 4-1/2" thickness Max. Diameter of Opening = 330 sq. in. with a max. dimension of 30". Busway - Nom. 23" wide (or smaller) by 4.5" deep "I" shaped aluminum enclosure. Packing Material - Min. 4" thickness of mineral wool insulation (min. 40 pcf) installed into opening as a permanent form. TREMstop WS - Intumescent wrap strips are installed in several pieces to cover entire perimeter and center portion of the penetrating item in two layers. <p>NOTE: When TREMstop WS is not installed, F-Rating = 2 Hr. and T-Rating = 0 Hr. FYRE-SIL or FYRE-SIL S/L - Min. 1/2" thickness of sealant applied within opening, flush with top surface of floor or both surfaces of wall assembly. NOTE: Install FYRE-SIL S/L in Floor Applications Only. FYRE-SIL - Min. 1/4" sealant applied at the ends of the busway over the top of the wrap strips.</p>	<p>HWD 0016 1 or 2 Hour Fire Rated Joints for Concrete Floors and Gypsum Walls using TREMstop Acrylic. Movement Capabilities = 25% Compression</p>  <ol style="list-style-type: none"> A) Pre-Rated Concrete Floor: Min. 4-1/2" Thickness B) Pre-Rated Gypsum Wallboard/Stud Wall Assembly C) Steel Floor and Ceiling Runners - Min. 28 gauge galv. steel channels mechanically fastened to the lower surface of the floor assembly. Max. Joint Width = 1". Packing Material - For 1 Hr F-Rating: Install Bond Breaker Tape prior to applying sealant. For 2 Hr F-Rating: Install 2 layers of 1/8" diam. polyurethane backer rod. TREMstop Acrylic - Min. 1/2" thickness of sealant applied within opening, flush with both surfaces of the wall assembly. 	<p>HWS 1004 2 Hour Fire Rated Joints for Concrete Floors and Walls using DYMERIC.</p>  <ol style="list-style-type: none"> A) Pre-Rated Concrete Floor: Min. 4-1/2" Thickness B) Pre-Rated Concrete or Block Wall: Min. 4-1/2" Thickness. Max. Joint Width = 3". Packing Material - Min. 3-1/2" mineral wool insulation (min 50 pcf) firmly packed into opening as a permanent form. DYMERIC - Min. 1/2" thickness of sealant applied within opening, flush with both surfaces of the wall assembly. 	<p>WL 1097 F-Rating = 1 and 2 Hr. T-Rating = 0 Hr. 1 or 2 Hour Fire Rated Through Penetration Firestop for Single Metal Pipe through Gypsum Walls using FYRE-SHIELD.</p>  <ol style="list-style-type: none"> Pre-Rated Gypsum Wallboard/Stud Wall Assembly Metallic Pipe A) Steel Pipe - 8" diam. (or smaller) Sch. 40 (or heavier) steel pipe. B) Iron Pipe - 8" diam. (or smaller) cast or ductile iron pipe. C) Conduit - 4" diam. (or smaller) EMT or rigid steel conduit. D) Copper Tubing - 4" diam. (or smaller) Type L (or heavier) copper tubing. E) Copper Pipe - 4" diam. (or smaller) Regular (or heavier) copper pipe. The annular space shall be min. 1/4" to max. 5/8" within the firestop item. FYRE-SHIELD - Min. 1/2" thickness of sealant applied within opening. Additional sealant to be installed such that a min. 1/4" crown is formed around the penetrating item.
<p>1 A8.08 CABLES THRU CONCRETE SCALE: 1 1/2" = 1'-0"</p>	<p>2 A8.08 BUS DUCTS THRU CONCRETE SCALE: 1 1/2" = 1'-0"</p>	<p>3 A8.08 FIRE RATED JOINT SCALE: 1 1/2" = 1'-0"</p>	<p>4 A8.08 FIRE RATED JOINT SCALE: 1 1/2" = 1'-0"</p>	<p>5 A8.08 METAL PIPE THROUGH GYP WALL SCALE: 1 1/2" = 1'-0"</p>
<p>WL 2064 F-Rating = 1 and 2 Hr. T-Rating = 1 and 1-1/2 Hr. 1 or 2 Hour Fire Rated Through Penetration Firestop for Single Plastic Pipe through Gypsum Walls using TREMstop WBM.</p>  <ol style="list-style-type: none"> Pre-Rated Gypsum Wallboard/Stud Wall Assembly The hourly T-Rating is 1-1/2 Hr when system is installed in a 2 Hr fire-rated wall. The hourly T-Rating is 1 Hr when system is installed in a 1 Hr fire-rated wall. Plastic Pipe - Nom 2" diam. (or smaller) CPVC pipe for use in closed piping systems. The annular space shall be min. 1/4" to max. 1-3/8" within the firestop system. TREMstop WBM - Min. 1/2" thickness of sealant applied within opening. Additional sealant to be installed such that a min. 1/4" crown is formed around the penetrating item. 	<p>WL 2158 F-Rating = 1 and 2 Hr. T-Rating = 1 and 1-3/4 Hr. 1 or 2 Hour Fire Rated Through Penetration Firestop for Single Plastic Pipe through Gypsum Walls using TREMstop IA.</p>  <ol style="list-style-type: none"> Pre-Rated Gypsum Wallboard/Stud Wall Assembly Electrical Nonmetallic Tubing (ENT)- Nom. 1" diam. (or smaller) corrugated wall ENT constructed of PVC. Annular space from min. 1/4" to max. 3/8". Packing Material (optional)- In 2 hr. wall, foam backer rod firmly packed into opening as a permanent form. TREMstop IA - Min. 1/2" thickness sealant applied within annulus, flush with both sides of wall assembly. 	<p>WL 3131 F-Rating = 1 4 2 Hr. T-Rating = 1/4 4 1/2 Hr. 1 or 2 Hour Fire Rated Through Penetration Firestop for Multiple Cables through Gypsum Walls using TREMstop IA.</p>  <ol style="list-style-type: none"> Pre-Rated Gypsum Wallboard/Stud Wall Assembly. Max. Diameter of Opening = 3-1/2". Cables - A) Max. four aluminum conductor No. 2/0 AWG (or smaller) aluminum metal clad cable. Max. one cable within firestop system. Annular space shall be min. 1/4" to max 1". B) Max. four aluminum conductor No. 2/0 AWG (or smaller) Type SER cable with PVC insulation. Max two cables bundled together within firestop system. Annular space shall be from min. 1/2" to max. 1-1/2". TREMstop IA - Nom. 1/2" thickness of sealant applied within the annulus, flush with both surfaces of wall. T-Rating = 1/4 Hr. for F-Rating of 1 Hr. T-Rating = 1/2 Hr. for F-Rating of 2 Hr. 	<p>WL 5074 F-Rating = 1 4 2 Hr. T-Rating = 0 4 1 Hr. 1 or 2 Hour Fire Rated Through Penetration Firestop for Insulated Metal Pipe through Gypsum Walls using TREMstop WBM.</p>  <ol style="list-style-type: none"> Pre-Rated Gypsum Wallboard/Stud Wall Assembly Metallic Pipe - A) Steel Pipe - 1" diam. (or smaller) Sch. 10 (or heavier) steel pipe. B) Iron Pipe - Nom. 4" diam. (or smaller) cast or ductile iron pipe. C) Copper Tubing - Nom. 4" diam. (or smaller) Type L (or heavier) copper tubing. D) Copper Pipe - Nom. 4" diam. (or smaller) Regular (or heavier) copper pipe. E) Conduit - Nom. 4" diam. (or smaller) EMT or steel conduit. Pipe Covering - Nom. 3/4" thick (or less) AB/PVC flexible foam insulation. The annular space shall be min. 1/4" to max. 5/8". TREMstop WBM - Sealant installed to fill annular space throughout thickness of wall assembly, flush with each surface of wall assembly. Additional fill material installed such that a min. 1/2" crown is formed around the pipe covering. <p>NOTE: The hourly T-Rating is 1 Hr. when installed in a 2 Hr. wall assembly. The hourly T-Rating is 0 Hr. when installed in a 1 Hr. wall assembly.</p>	<p>WL 5081 F-Rating = 2 Hr. T-Rating = 0 Hr. 2 Hour Fire Rated Through Penetration Firestop for Insulated Metal Pipe through Gypsum Walls using TREMstop IA.</p>  <ol style="list-style-type: none"> Pre-Rated Gypsum Wallboard/Stud Wall Assembly Metallic Pipe - A) Steel Pipe - Nom. 4" diam. (or smaller) Sch. 10 (or heavier) steel pipe. B) Iron Pipe - Nom. 4" diam. (or smaller) cast or ductile iron pipe. C) Copper Tubing - Nom. 4" diam. (or smaller) Type L (or heavier) copper tubing. D) Copper Pipe - Nom. 4" diam. (or smaller) Regular (or heavier) copper pipe. E) Conduit - Nom. 4" diam. (or smaller) EMT or steel conduit. Pipe Covering - Nom. 3/4" thick (or less) AB/PVC flexible foam insulation. The annular space shall be min. 0" to max. 3/8". Packing Material (optional)- Foam backer rod firmly placed into opening as a permanent form. TREMstop IA - Min. 1/2" thickness of sealant applied within annulus flush with both sides of wall assembly. At point contact a min. 5/8" bead of sealant shall be installed at the wallboard/insulation interface. A 5/8" crown of sealant shall be formed around the penetrating item.
<p>6 A8.08 PLASTIC PIPE THROUGH GYP WALL SCALE: 1 1/2" = 1'-0"</p>	<p>7 A8.08 PLASTIC PIPE THROUGH GYP WALL SCALE: 1 1/2" = 1'-0"</p>	<p>8 A8.08 MULTIPLE CABLES THRU GYP. WALL SCALE: 1 1/2" = 1'-0"</p>	<p>9 A8.08 METAL PIPE THROUGH GYP WALL SCALE: 1 1/2" = 1'-0"</p>	<p>10 A8.08 METAL PIPE THROUGH GYP WALL SCALE: 1 1/2" = 1'-0"</p>



1

BREAKROOM ELEVATIONS

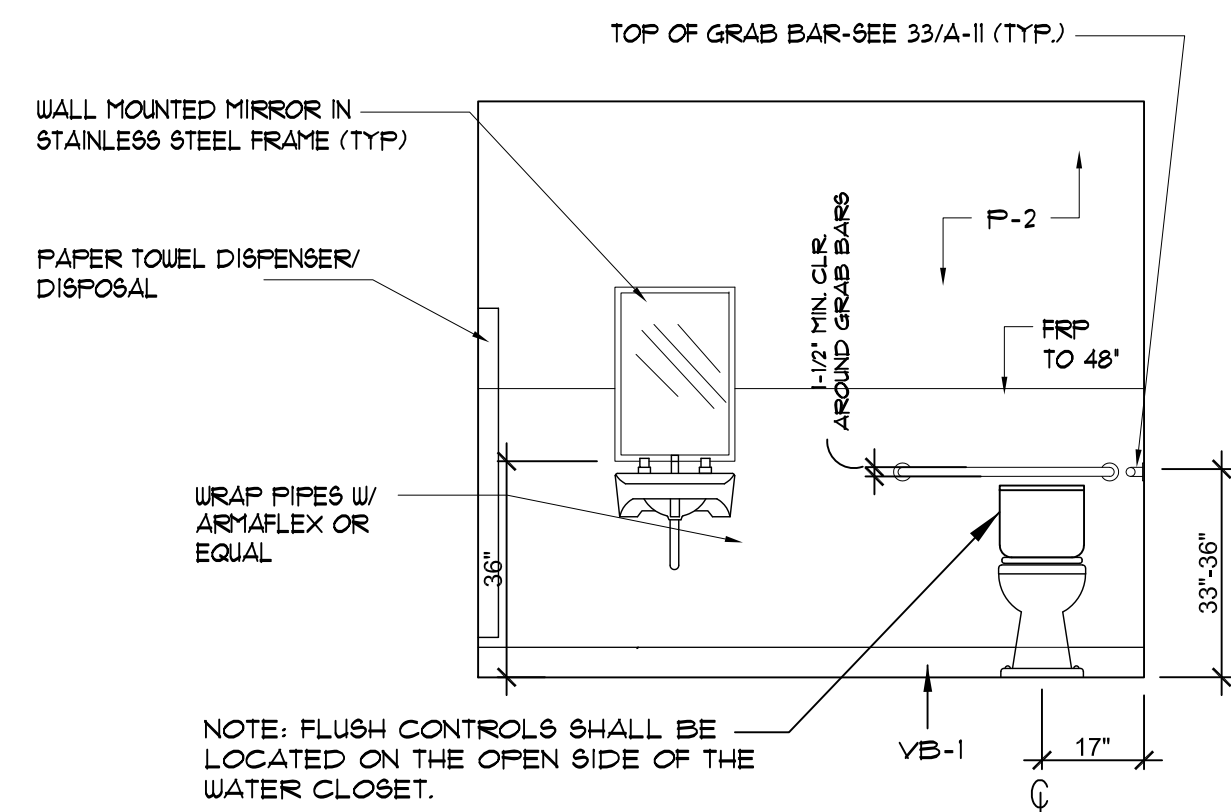
SCALE: 3/8" = 1'-0"



1

D.F. ELEVATIONS

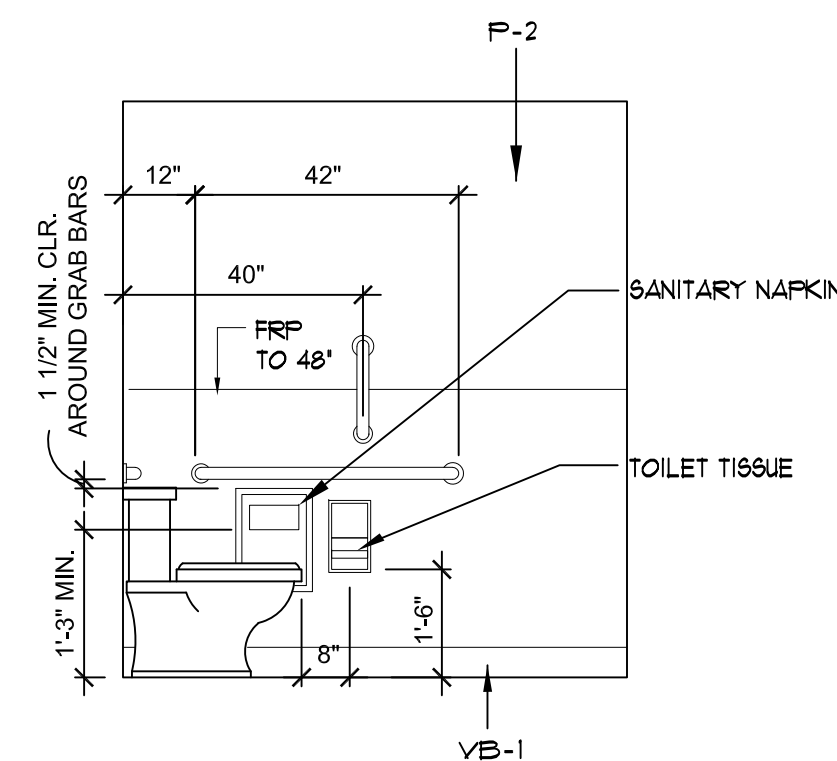
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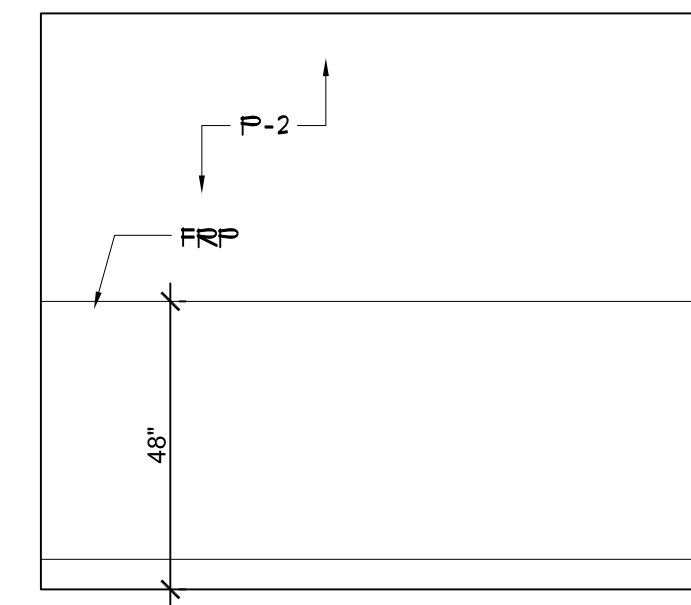
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RM.606A MEN'S RESTROOM ELEVATIONS

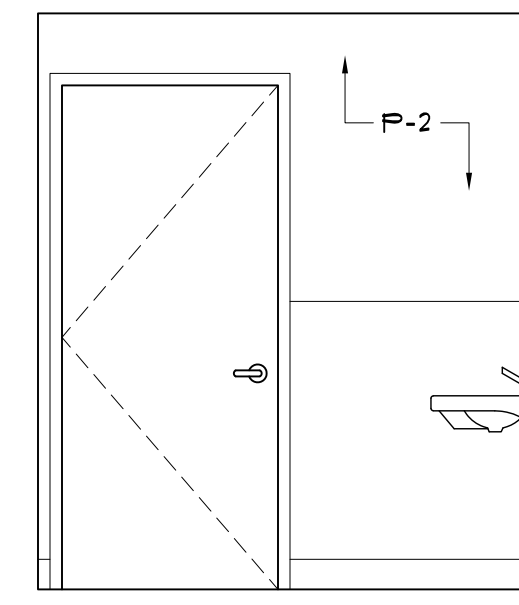
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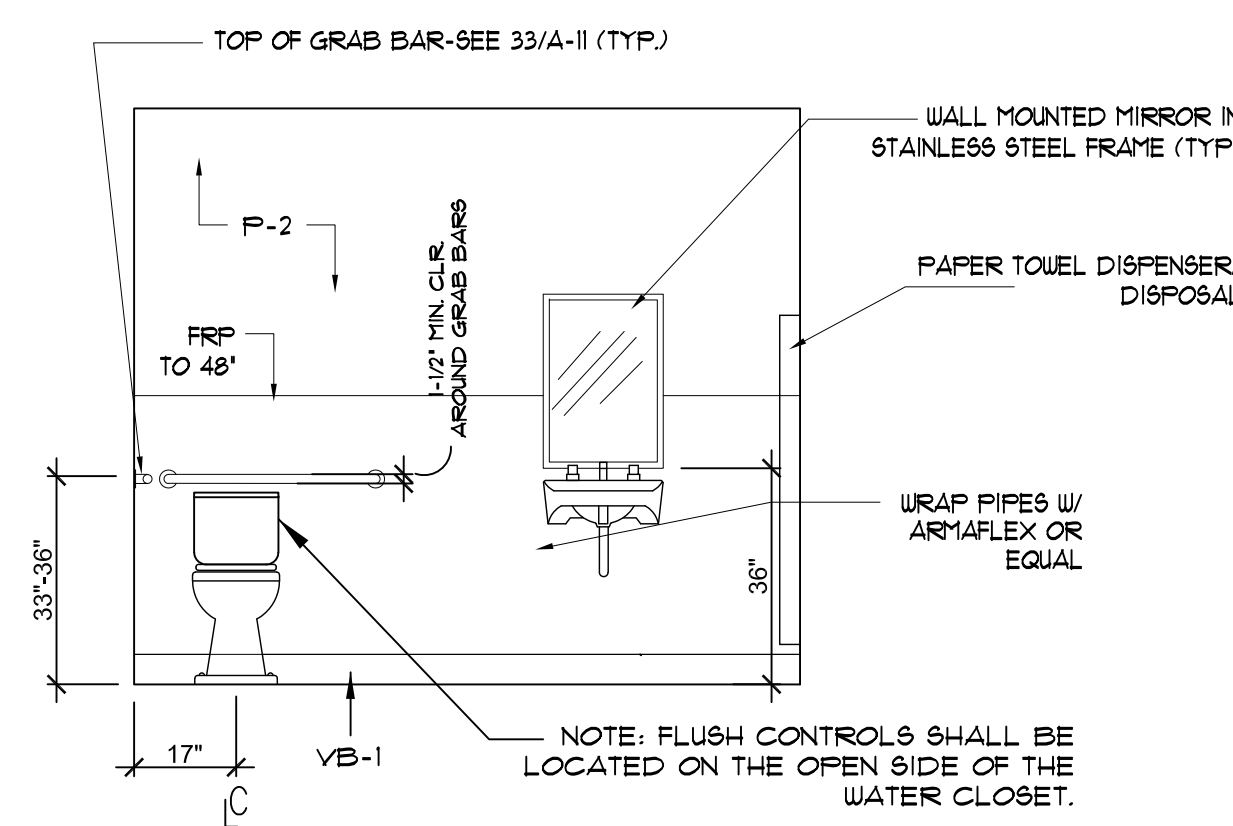
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3

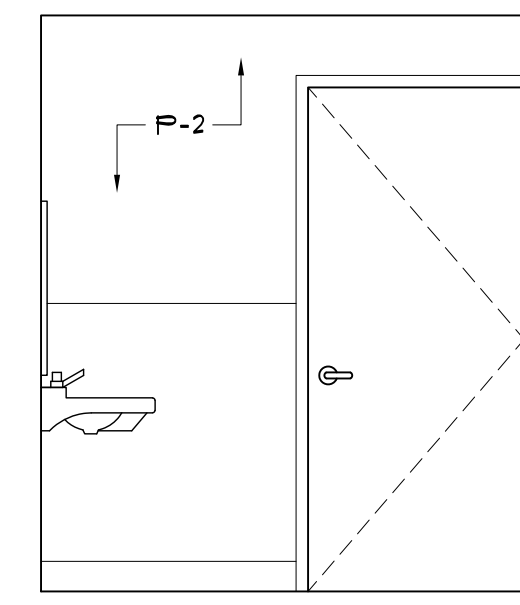
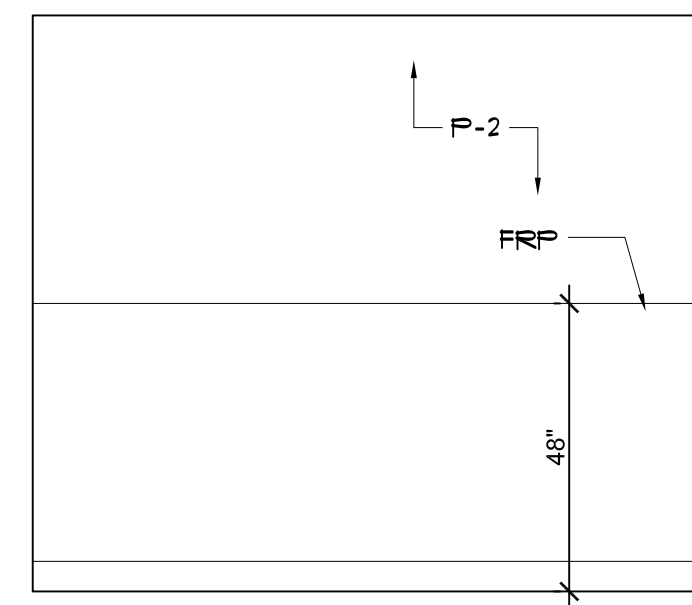
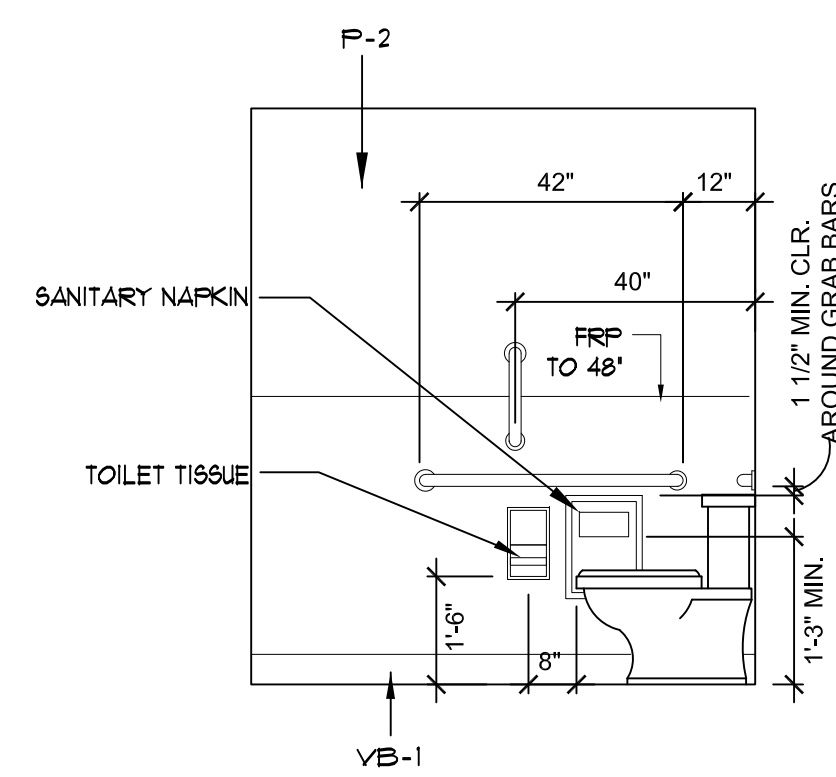


4



RM.605A WOMEN'S RESTROOM ELEVATIONS

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



RESILIENT FLOOR TILE

RT-1 ALTRIO, 24"x24"x0.08" THICK, 9306 CHARCOAL CD
 RT-2 ALTRIO, 24"x24"x0.08" THICK, 9302 ROCK SALT CD
 RT-1 RICKETT, 24"x24"x0.080" THICK, 8806 FLY ASH
 RT-2 RICKETT, 24"x24"x0.080" THICK, 8804 TRIBECA
 RT-1 UPOFLOOR, 24"x24"x0.080" THICK, 619306
 RT-2 UPOFLOOR, 24"x24"x0.080" THICK, 619302
 RT-1 PROCEDO, 24"x24"x0.098" THICK, NORFOLK QNR (SEE NOTE 2)
 RT-2 PROCEDO, 24"x24"x0.098" THICK, RENO QREN (SEE NOTE 2)

BASE

VB-1 STANDARD 4" WALL BASE, BLACK

EPOXY FLOOR AND WALL COATING

LIGHT GRAY

PAINT (SEE NOTE 1)

P-1 (WHITE) GLIDDEN (CI) #50Y 83/057
 P-2 (LIGHT GRAY) GLIDDEN (CI) #90B 62/007
 P-3 NOT USED
 P-4 (RED) FMS 485 C "POSTAL RED"
 P-5 (BLUE) FMS 301 C "POSTAL BLUE"
 P-6 (MD. GRAY) SHERWIN WILLIAMS, #SW1232, "DUBLIN GRAY"
 P-7 (BLACK) EGGSHELL SEMI-GLOSS BLACK

ACOUSTICAL CEILING TILE & GRID

ACT-1 ARMSTRONG, Fine Fiberglass #1729, White, 2'x4'x5/8" LAY-IN
 CG-1 ARMSTRONG, PRELUDE 15/16" WHITE, EXPOSED TEE SYSTEM CEILING GRID

PLASTIC LAMINATE

PL-1 NEVAMAR, #S-7-27T, TEXTURED FINISH, "SMOKEY WHITE"
 PL-2 FORMICA #839-58 "STOP RED"
 PL-3 FORMICA #814-58 "MARINE BLUE"
 PL-4 WILSONART, #4142-60, "GREY GLACE"
 PL-5 FORBO, WALTON, UNI #186, "LEAD"

SOLID SURFACING

S-1 SAMSUNG STARON "SOLID BRIGHT WHITE"

FIBERGLASS REINFORCED PLASTIC PANELS

FRP STRUCTOGLAS FRP 1207 GRAY OR EQUAL

KEYED NOTES:

- FINISHES LISTED THE PREFERRED OPTION. ACCEPTABLE ALTERNATES ARE LISTED IN THE APPROPRIATE SPECIFICATION SECTIONS.
- PROCEDO QUARTZ TILE MAY BE ONLY BE USED AS PART OF THE NAFES ASBESTOS CONTAINMENT SYSTEM.

1 A9.01 Detail: USPS STANDARD COLOR AND MATERIAL LIST G2-5-1 a
 Date: 10/1/2021
 Scale: N/A
 File Path: .\usps\library\details\G2-5-1a.dwg
 Last Revised: 8/20/2020