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Asian Art Museum Expansion & Renovation
Volunteer Park / 1400 E Prospect /
Seattle, WA 98112

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Documents

Revisions
No. Date By Description

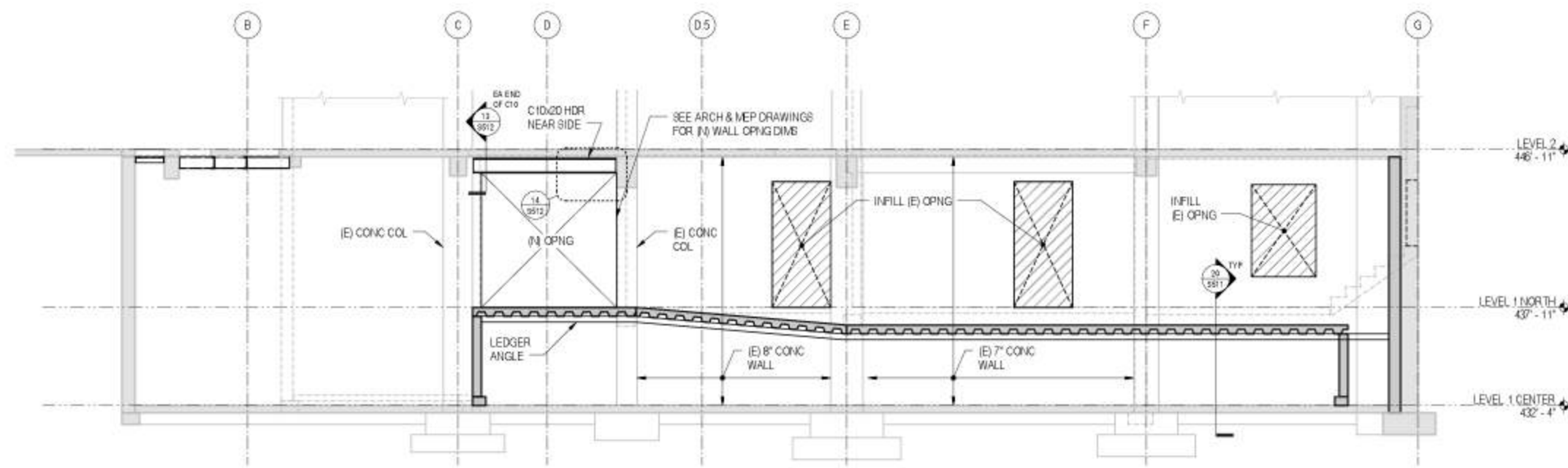
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M/A Proj No: A2070.00
Date: 6/23/2017

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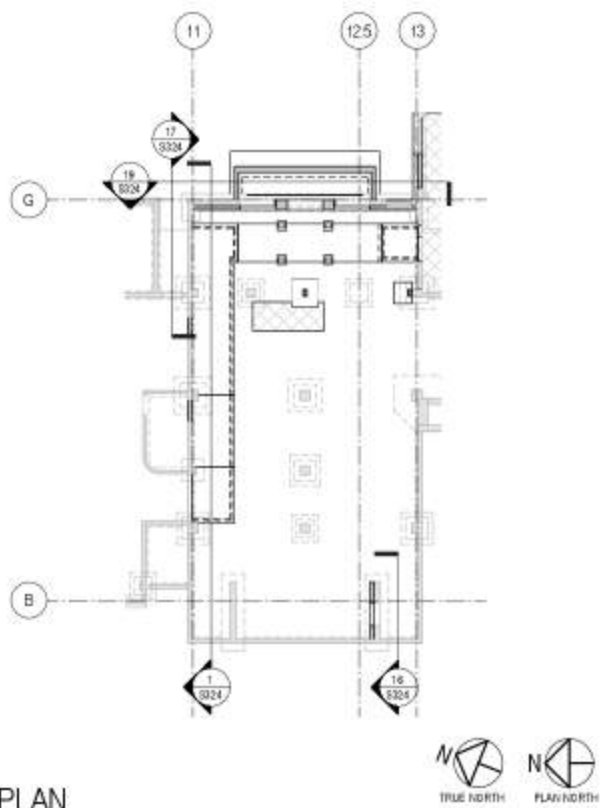
WALL
ELEVATIONS

Sheet
Number

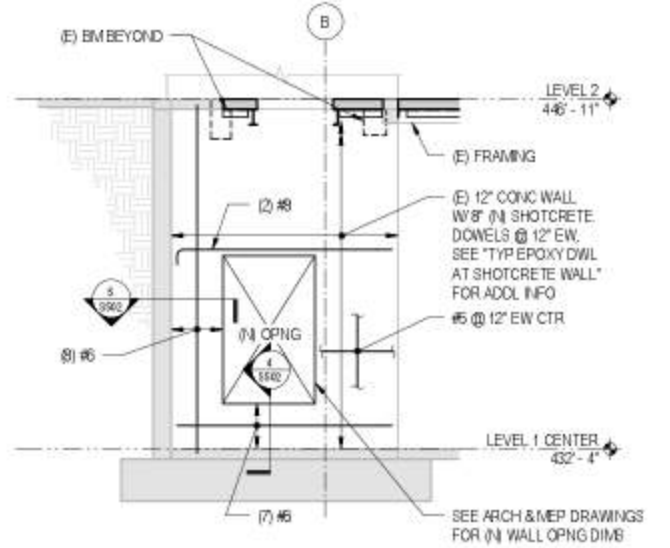
S323



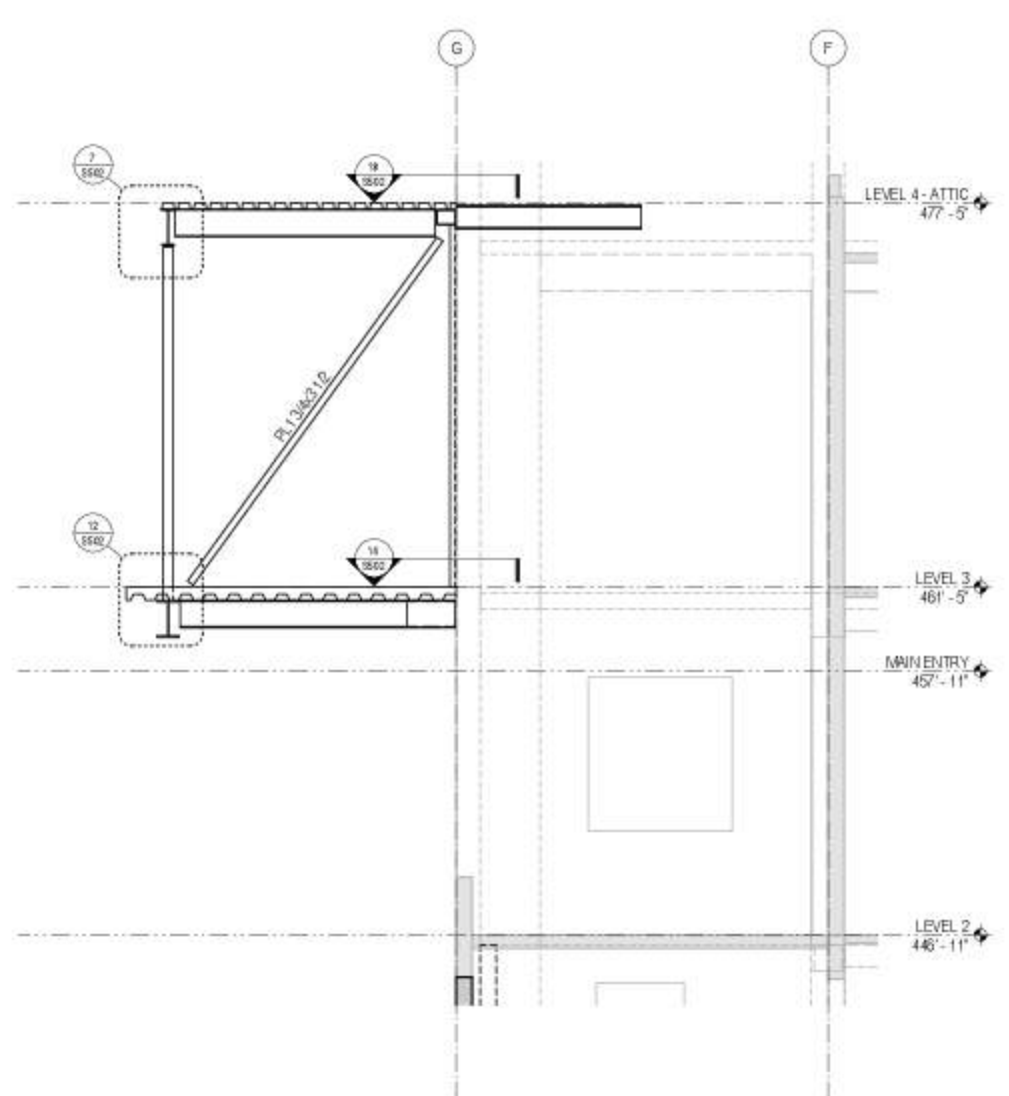
1 ELEVATION AT GRID 11
1/4" = 1'-0"



11 KEY PLAN

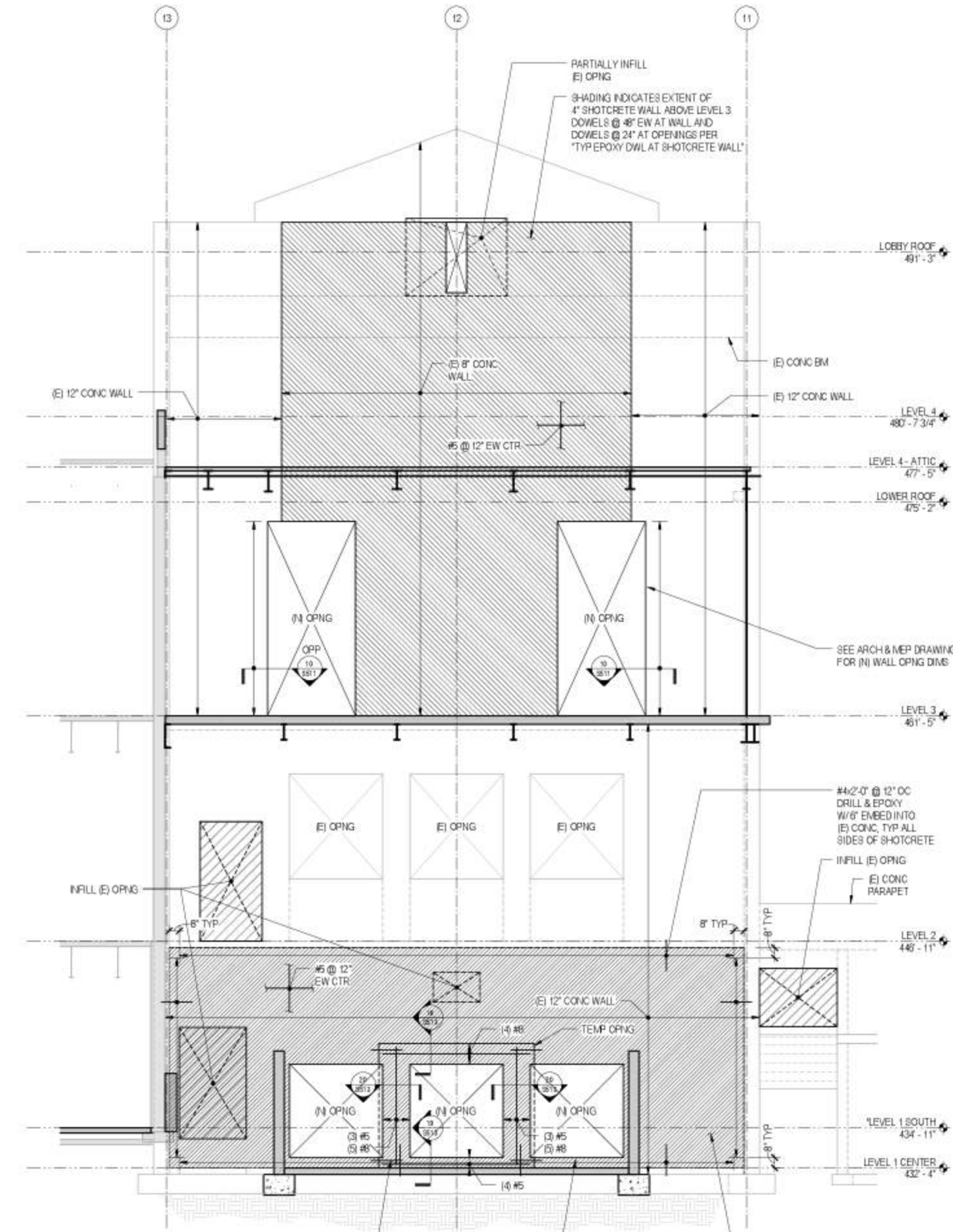


16 ELEVATION AT GRID 12.7
1/4" = 1'-0"



17 ELEVATION AT GRID 11
1/4" = 1'-0"

NOTES:
1. ALL ANCHORS IN THIS ASSEMBLY TO BE 5/8 INCH DIAMETER HAS WITH HLTI HIT-RE 500 V3 EPOXY WITH 5 INCH MINIMUM EMBED. IF GAP BETWEEN CHANNEL AND WALL EXCEEDS 1/4 INCH AT AN ANCHOR, WELD A SHIMPLATE TO THE CHANNEL.



19 ELEVATION AT GRID G
1/4" = 1'-0"



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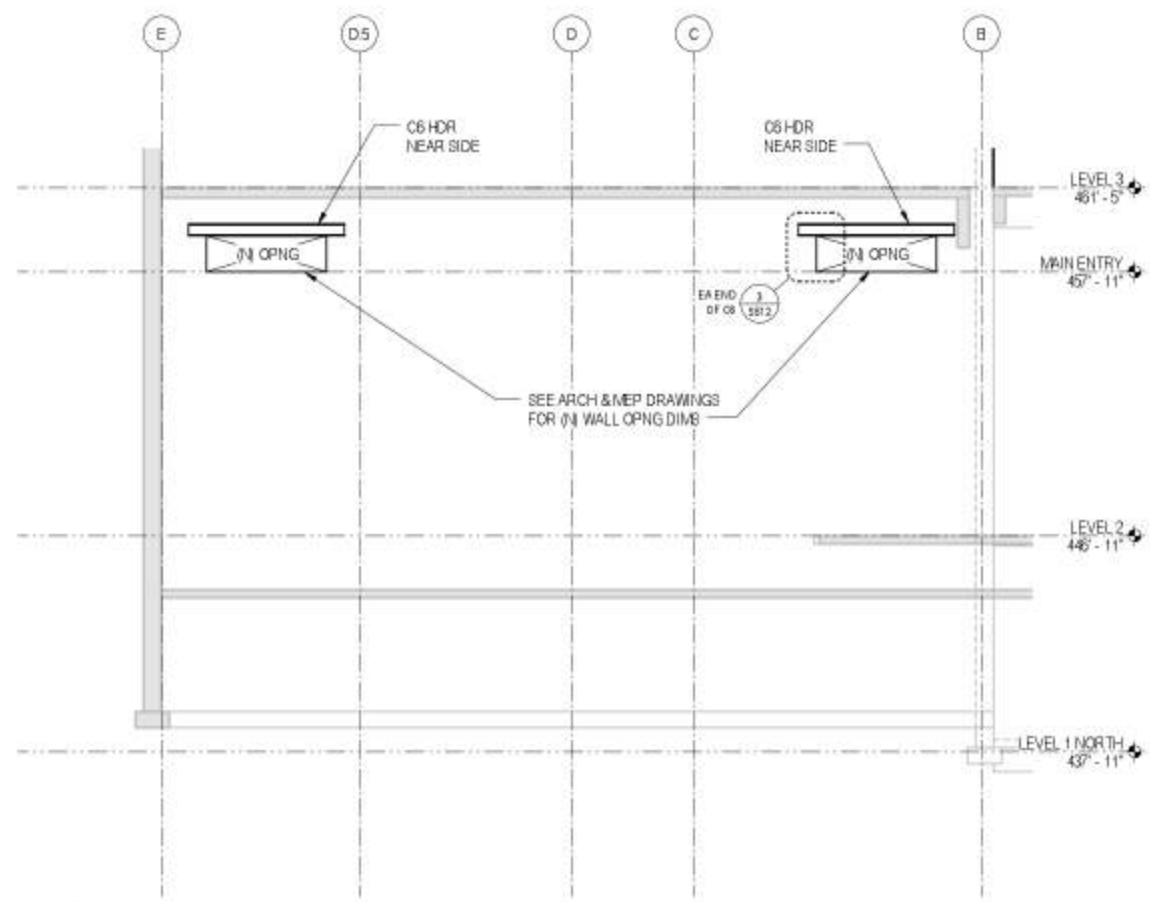
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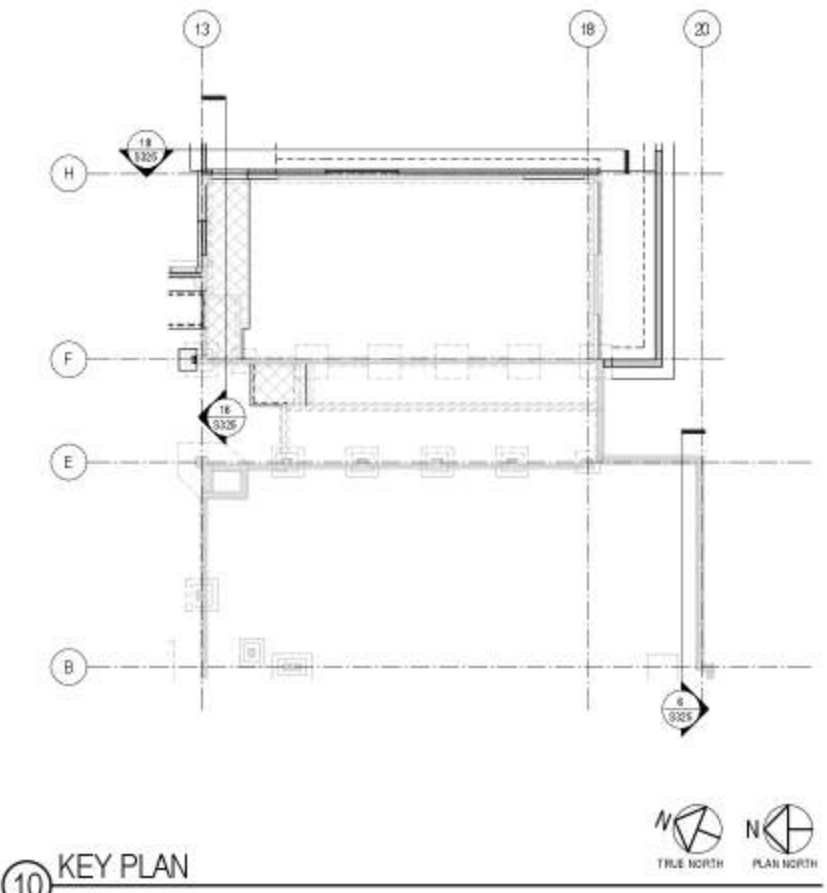
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WALL ELEVATIONS

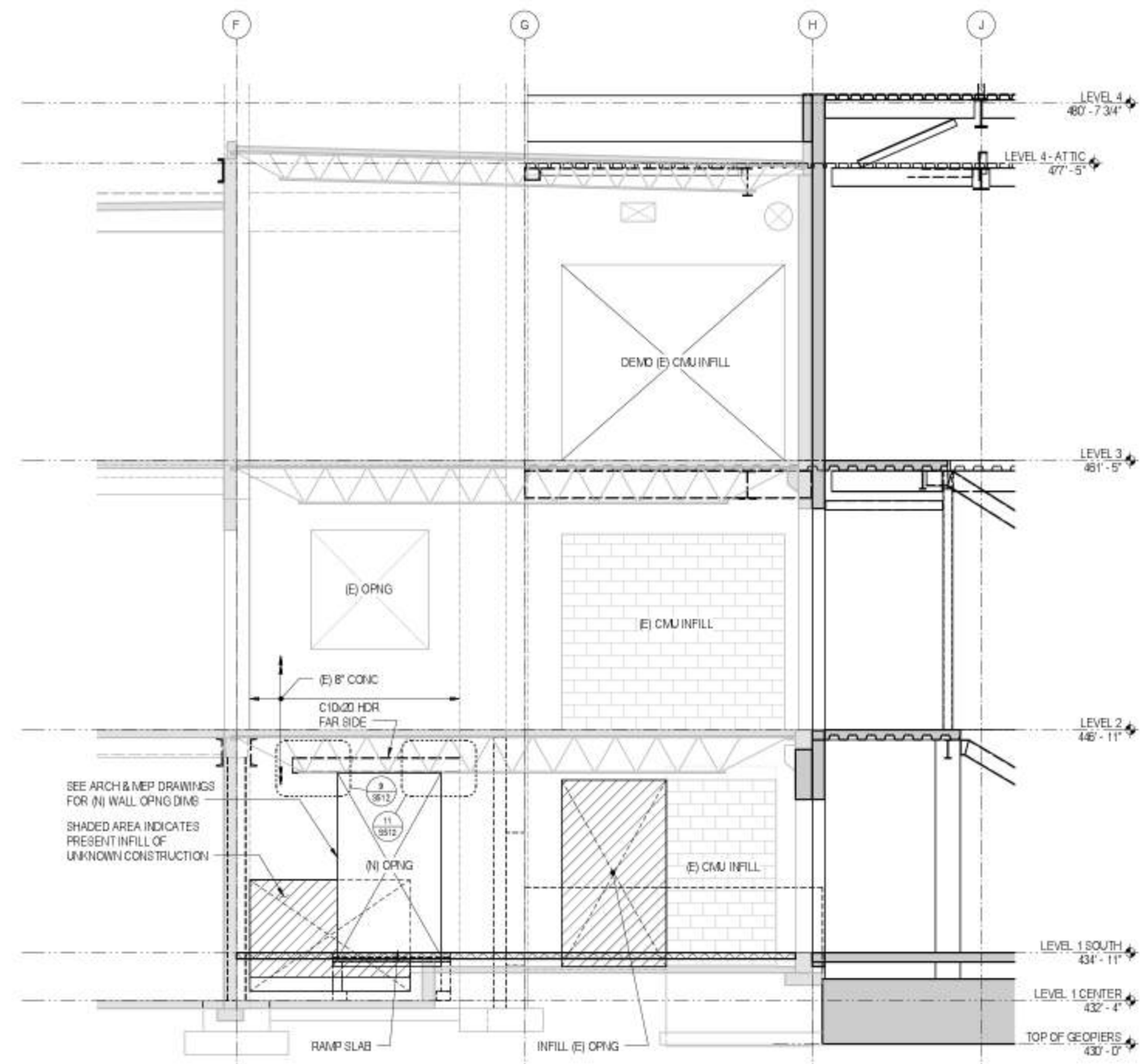
S324



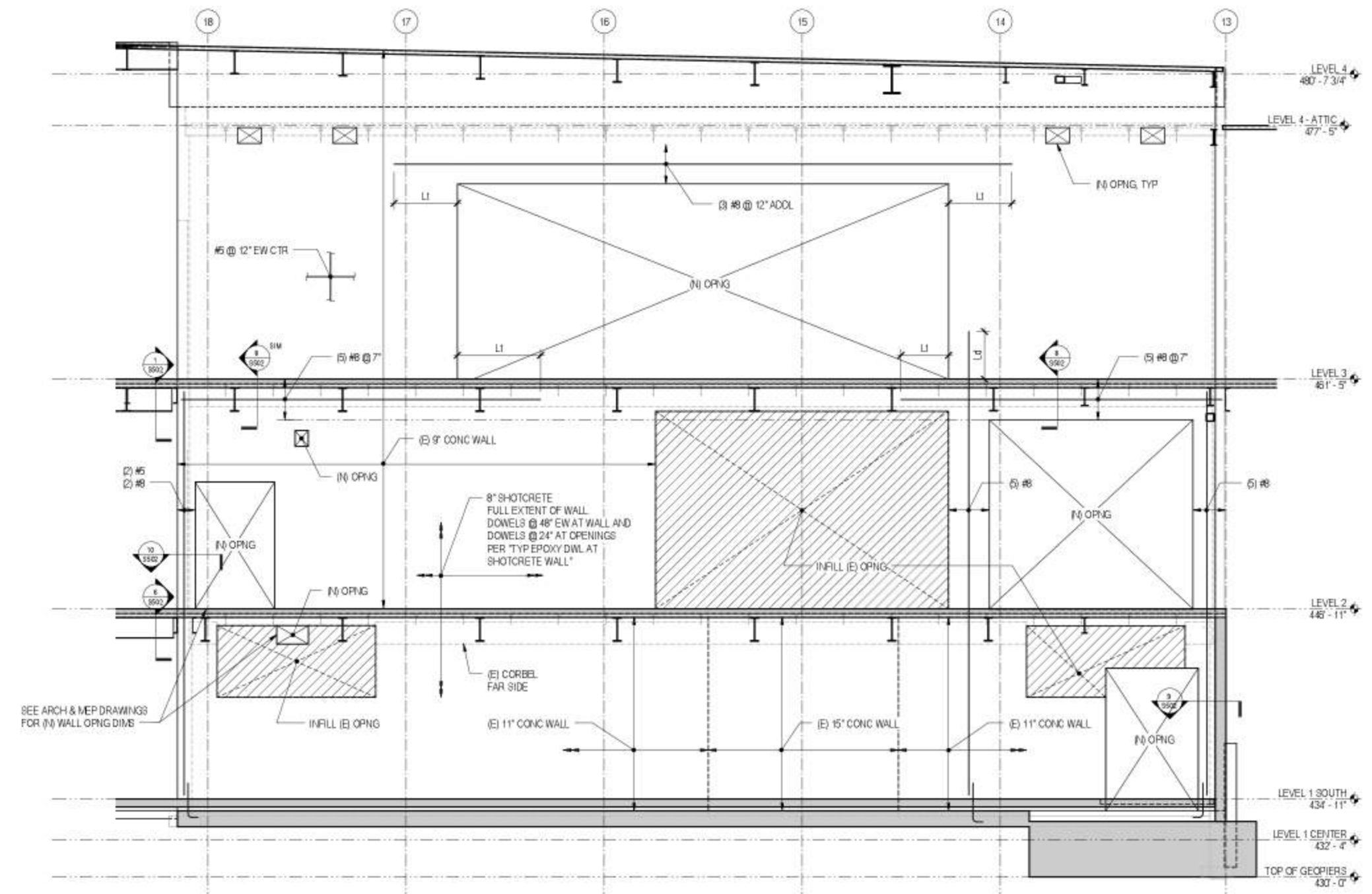
6 ELEVATION AT GRID 20
1/4" = 1'-0"



10 KEY PLAN



16 ELEVATION AT GRID 13
1/4" = 1'-0"



18 ELEVATION AT GRID H
1/4" = 1'-0"



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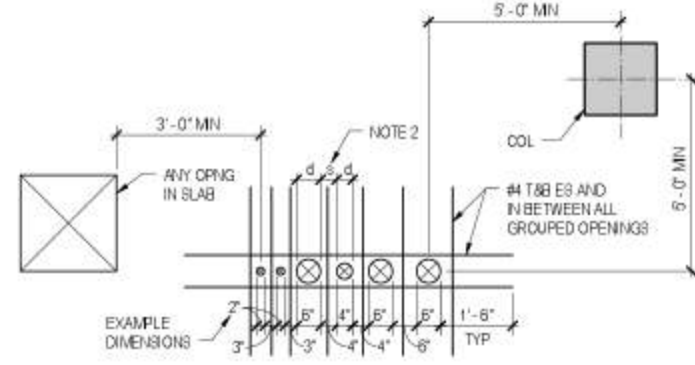
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WALL ELEVATIONS

S325

NOTES:

- ADDED REINFORCING SHOWN APPLIES TO GROUPS OF OPENINGS 12" OR SMALLER. GROUPED OPENINGS ARE DEFINED BY MULTIPLE OPENINGS THAT ARE LOCATED WITHIN THREE TIMES THE DIAMETER OF SMALLER ADJACENT OPENING CLEAR APART, OR A MINIMUM OF 3 INCHES.
- "S" MUST BE GREATER THAN OR EQUAL TO THE SMALLEST "d" (OPENING) DIMENSION OF ADJACENT SLEEVES. "S" IS EQUAL TO OR GREATER THAN 3 INCHES IN ALL CASES.
- OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED FOR REVIEW AT THE SAME TIME AS SLAB SHOP DRAWINGS. REINFORCING OTHER THAN THAT SHOWN MAY BE REQUIRED.
- WHERE THESE CONDITIONS CANNOT BE MET, SUBMIT TO STRUCTURAL ENGINEER FOR REVIEW.

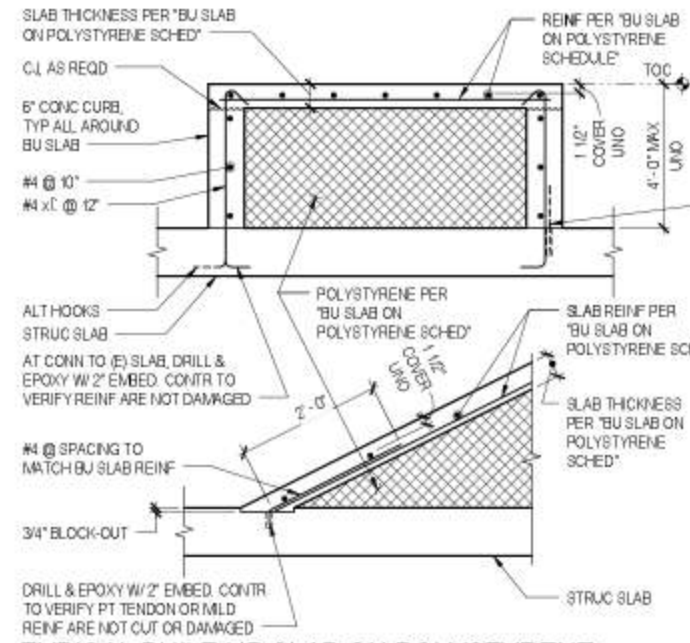


GROUPED OPENINGS IN SLAB

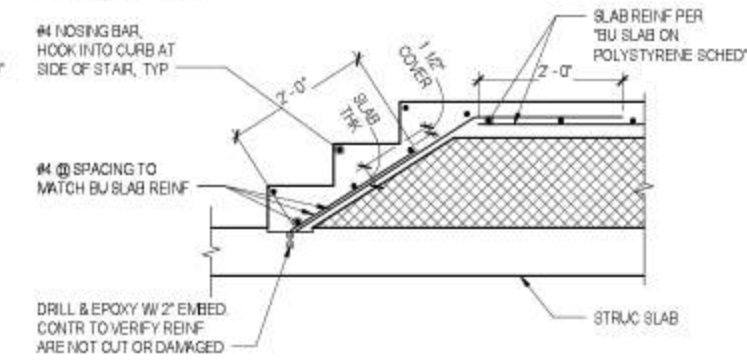


NON-GROUPED OPENINGS IN SLAB

1 TYP ADDED REINFORCEMENT AT GROUPED OPENINGS IN SLAB OR SLAB ON GRADE



3 TYPICAL BUILT-UP SLAB ON POLYSTYRENE



9 TYPICAL CONCRETE COLUMN FOOTING

BUILT-UP SLAB ON POLYSTYRENE SCHEDULE				
TYPE	SLAB THICKNESS (INCH)	REINFORCEMENT	POLYSTYRENE STRENGTH - NOTE 1	REMARKS
TYP	4	#4 @ 12" EW	3.6 PSI @ 1%	TYP UNO
V	6	#6 @ 12" EW	7.3 PSI @ 1%	PROVIDE AT ALL AREAS SUBJECT TO VEHICLE LOADS

NOTES:

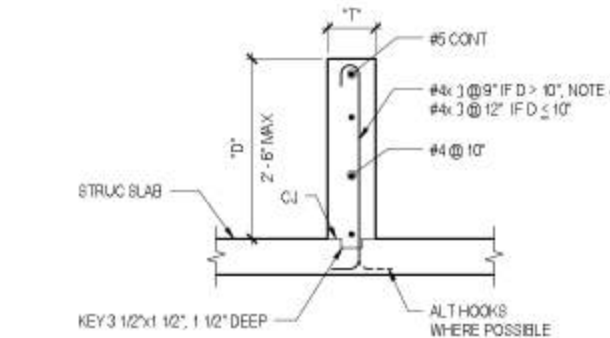
- RIGID CELLULAR POLYSTYRENE WITH MINIMUM COMPRESSIVE RESISTANCE INDICATED AT 1% DEFORMATION CONFORMING TO ASTM D6817 OR ASTM C578 OR APPROVED EQUIVALENT.
- PROVIDE 3/4" DEEP SAWCUT CONTROL JOINTS AT MAXIMUM SPACING OF 30 TIMES THE SLAB THICKNESS ON CENTER EACH WAY. PROVIDE CONTROL JOINTS AT ALL RE-ENTRANT CORNERS. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO THE ARCHITECT FOR REVIEW.
- FOR MECHANICAL EQUIPMENT EXCEEDING 1000 POUNDS SUPPORTED ON THE SLAB, CONTACT THE ENGINEER FOR APPROVAL.

COLUMN FOOTING SCHEDULE				
MARK	SIZE	DEPTH	REINFORCING EACH WAY BOTTOM	REMARKS
F1	1'-6" x 1'-6"	0'-8"	(3) #4	HOOK BARS
F2	4'-6" x 1'-6"	1'-6"	(6) #6	
F3	5'-0" x 6'-0"	1'-6"	(8) #6	

NOTES:

- COLUMN DWELS TO MATCH VERTICAL REINFORCING UNLESS NOTED OTHERWISE.

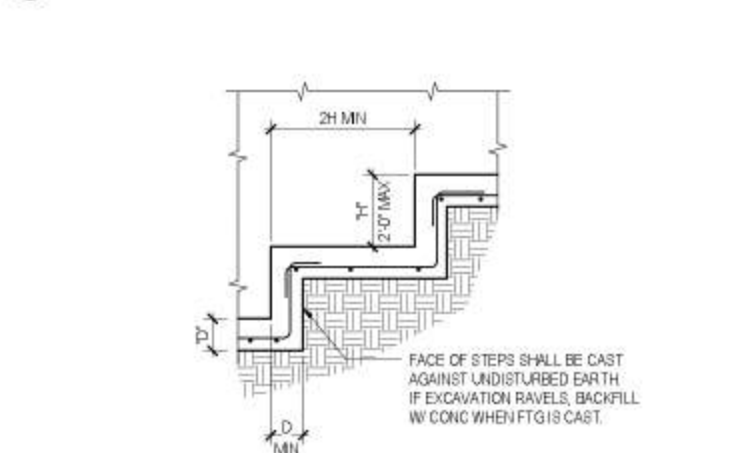
10 COLUMN FOOTING SCHEDULE



NOTES:

- T = 6" MINIMUM OR 10" MAXIMUM IF T > 10", SEE 'TYPICAL HOUSEKEEPING PAD' DETAIL.
- SEE ARCHITECTURAL FOR T AND D DIMENSIONS AND CURB LOCATIONS.
- CONCRETE CURBS ON SLAB-ON-GRADE AND FORMED SLABS ARE SIMILAR.
- AT SLABS ON DECK WHERE D > 10", PROVIDE (2) #4 @ 12" TO FIT IN DECK FLUTES.

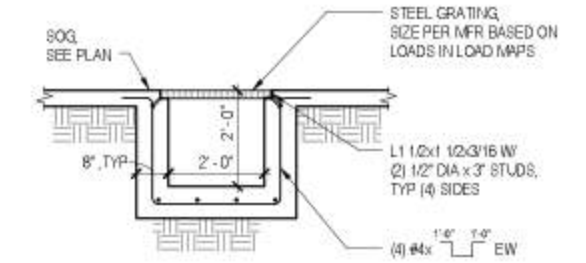
13 TYPICAL CONCRETE CURB



NOTES:

- SEE 'TYPICAL WALL FOOTING' DETAIL FOR ADDITIONAL INFORMATION.

14 TYPICAL STEPPED WALL FOOTING

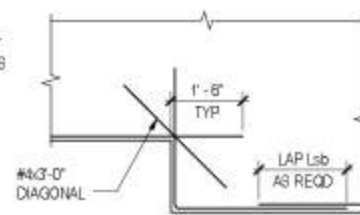


15 TYPICAL SUMP PIT

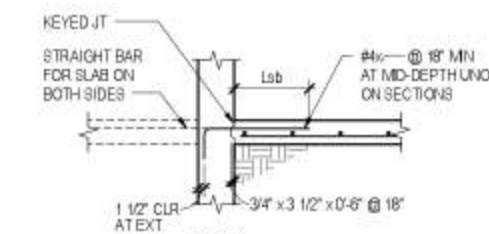
NOTES:

- SLAB ON GRADE IS 4 INCHES THICK UNLESS NOTED OTHERWISE.
- LOCATE CONSTRUCTION JOINTS UNDER PARTITIONS OR ON COLUMN LINES. PROVIDE CONTROL JOINTS ON ALL COLUMN LINES AND AT A MAXIMUM SPACING OF 30 x SLAB THICKNESS EACH WAY IN BETWEEN. PROVIDE CONTROL JOINTS AT ALL RE-ENTRANT CORNERS. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO ARCHITECT FOR REVIEW.
- SAWED JOINTS SHALL BE MADE AS SOON AS THE JOINT CAN BE CUT WITHOUT EDGES RAVELING AND WITHIN 24 HOURS OF SLAB PLACEMENT. SAWED JOINTS SHALL BE FILLED WITH SEALANT AS COORDINATED WITH THE ARCHITECT.
- LOCATE REINFORCING AT MID-DEPTH OF SLAB UNO.
- TYPICAL SLAB REINFORCING:
#4 @ 2'-4" EACH WAY FOR 4" SLAB
#4 @ 2'-4" EACH WAY FOR 6" INTERIOR SLAB
#4 @ 18" EACH WAY FOR 6" EXTERIOR SLAB

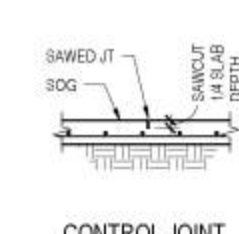
17 TYPICAL SLAB ON GRADE



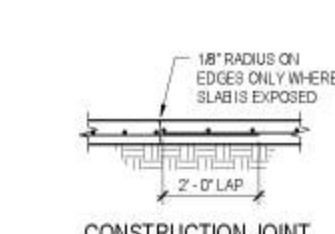
REENTRANT CORNERS



ISOLATION JOINT AT COLUMN



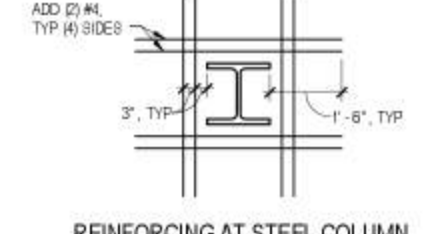
ADJACENT TO RETAINING WALL



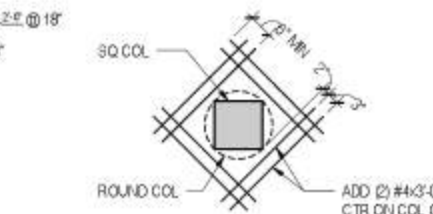
THICKENED SLAB



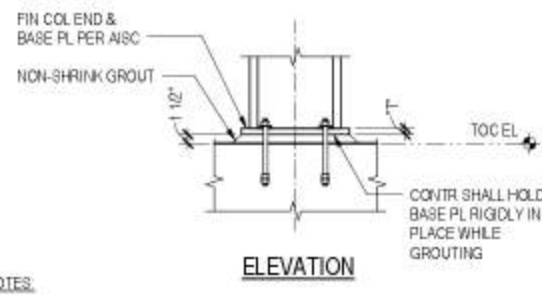
STEPS ON GRADE



REINFORCING AT STEEL COLUMN



REINFORCING AT CONCRETE COLUMN

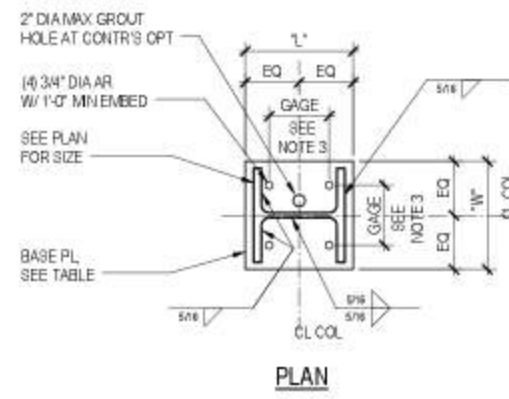


NOTES:

1. TIGHTEN ANCHOR RODS SNUG TIGHT AND SCORE ROD THREADS TO PREVENT LOOSENING
2. BASE PLATE HOLE DIAMETER AND PLATE WASHER SHALL BE SIZED PER AISC MANUAL - TABLE 14-2, UNLESS NOTED OTHERWISE
3. ANCHOR ROD GAGE SHALL BE AS FOLLOWS:
W10 5 INCHES
W12 6 INCHES
W14 8 INCHES

CONTRACTOR TO COORDINATE ANCHOR ROD GAGE WITH CONCRETE REINFORCING

② TYPICAL COLUMN BASE PLATE, TYPE 1



TYPE 1 BASE PLATE SCHEDULE

COLUMN SIZE	W (IN)	L (IN)	T (IN)
W10-33	9	11	1

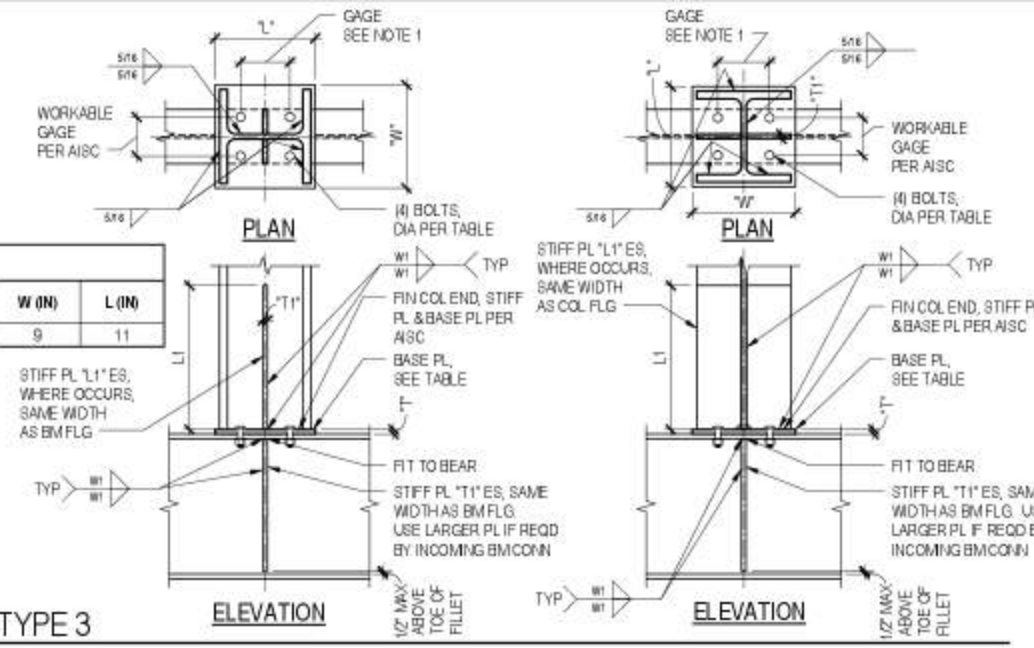
TYPE 3 BASE PLATE TABLE

COLUMN SIZE	BOLT DIA (IN)	T1 (IN)	W1 (IN)	L1 (IN)	T (IN)	W (IN)	L (IN)
W10-33	3/4	-	-	-	1	9	11

NOTES:

1. BOLT GAGE SHALL BE AS FOLLOWS:
W10 5 INCHES
W12 6 INCHES
W14 8 INCHES

④ TYPICAL COLUMN BASE PLATE, TYPE 3



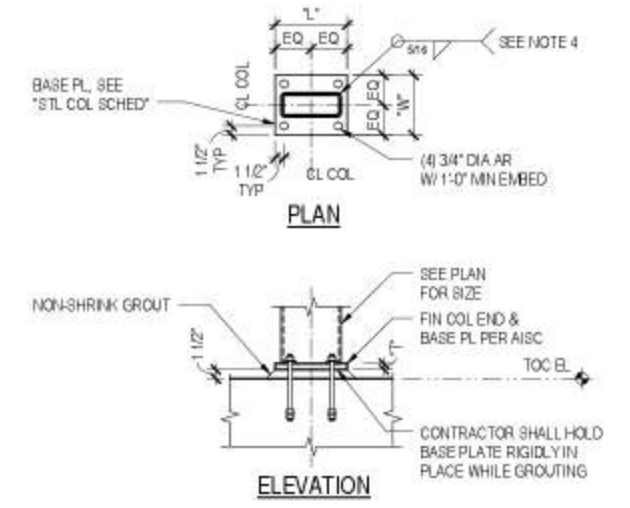
TYPE 4 BASE PLATE SCHEDULE

COLUMN SIZE	W (IN)	L (IN)	T (IN)
HSS8x6x1/4	13	8	1
HSS10x6x1/2	13	12	1 1/4

NOTES:

1. TIGHTEN ANCHOR RODS SNUG TIGHT AND SCORE ROD THREADS TO PREVENT LOOSENING.
2. BASE PLATE HOLE DIAMETER AND WASHER DIAMETER SHALL BE SIZED PER AISC MANUAL - TABLE 14-2, UNLESS NOTED OTHERWISE.
3. DIMENSION "L" IS PARALLEL TO WIDE FACE OF HSS UNLESS NOTED OTHERWISE.
4. WHERE EDGE OF BASE PLATE IS LESS THAN 5/16 INCH FROM THE FACE OF THE HSS, PROVIDE A PARTIAL PENETRATION GROOVE WELD OF THE HSS TO THE BASE PLATE. IN LIEU OF FILLET WELD ON THAT FACE OF THE HSS, GROOVE WELD SIZE SHALL BE THE THICKNESS OF THE HSS WALL OR 5/16 INCH, WHICHEVER IS LESS.

⑨ TYPICAL COLUMN BASE PLATE, TYPE 4



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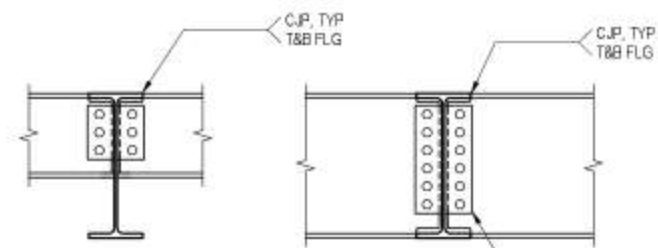
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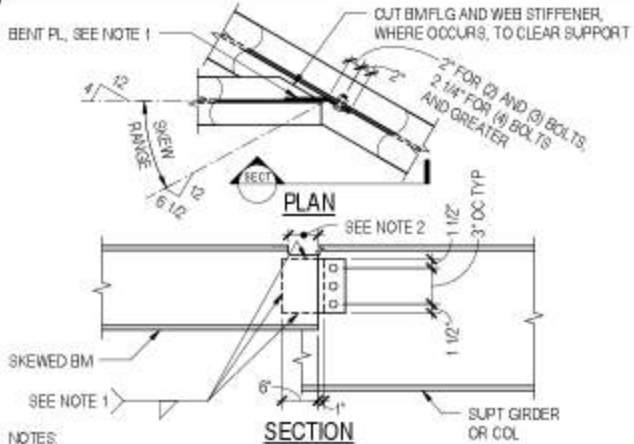
TYPICAL STEEL DETAILS

S411



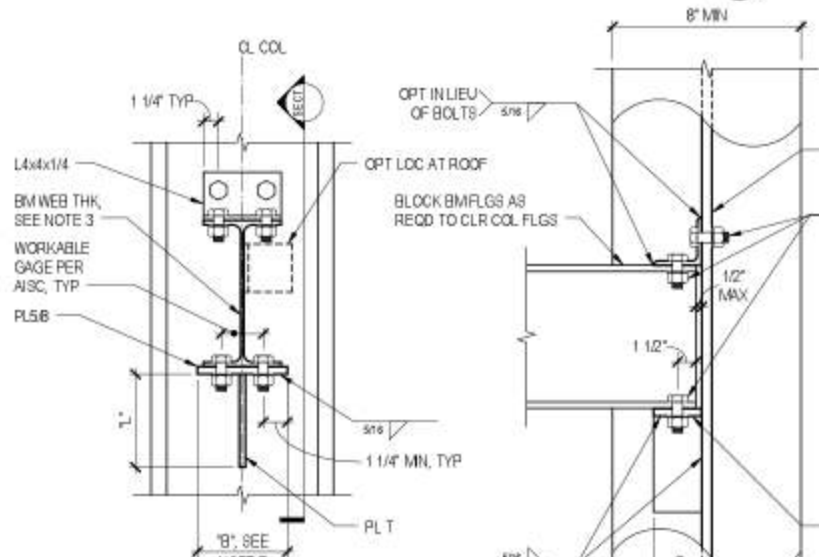
- NOTES:**
- SEE "TYPICAL TYPE C1" OR "TYPICAL TYPE C2" FOR ADDITIONAL CONNECTION REQUIREMENTS
 - COPE LENGTHS AND DEPTHS OF "TYPICAL TYPE C1" OR "TYPICAL TYPE C2", AS WELL AS THE "GENERAL NOTES FOR COPE CONNECTIONS" DO NOT APPLY TO THIS DETAIL
 - FOR SKEWED BEAMS, SEE "TYPICAL STEEL CONNECTION, TYPE C1" SECTION
 - THIS DETAIL APPLIES ONLY FOR BEAMS OF EQUAL DEPTH EACH SIDE OF SUPPORTING BEAM

1 TYP TYPE C3 - BEAM TO BEAM MOMENT CONN



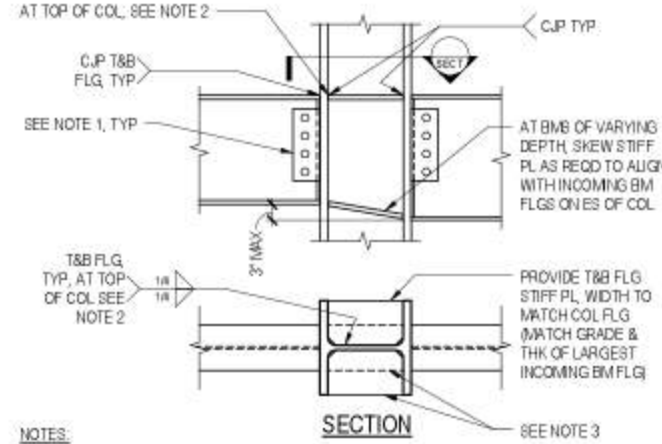
- NOTES:**
- FOR A GIVEN BEAM AND REQUIRED REACTION, SEE "TABLE A" OR "TABLE B" FOR BOLT SIZE AND TYPE, NUMBER OF BOLTS, VERTICAL PLATE THICKNESS, AND WELD SIZE
 - THE MAXIMUM COPE LENGTH (L_{max}) SHALL BE $L_{max} = L_{table} - 1/2$ IN WHERE L_{table} IS THE MAXIMUM APPLICABLE COPE LENGTH IN "TABLE A" OR "TABLE B" WHERE THE REQUIRED COPE LENGTH EXCEEDS THE MAXIMUM SEE "TYPICAL COPE WEB STIFFENER" DETAIL
 - MINIMUM SUPPORTING GIRDER OR COLUMN FLANGE THICKNESS IS 0.22 INCHES FOR A325 BOLTS OR 0.25 INCHES FOR A490 BOLTS. WHEN THE SUPPORTING GIRDER OR COLUMN FLANGE THICKNESS IS LESS THAN THE MINIMUM, REDUCE THE MAXIMUM REACTION BY THE RATIO OF THE ACTUAL THICKNESS TO THE MINIMUM THICKNESS

6 TYP TYPE C8 - SKEWED BEAM CONNECTION



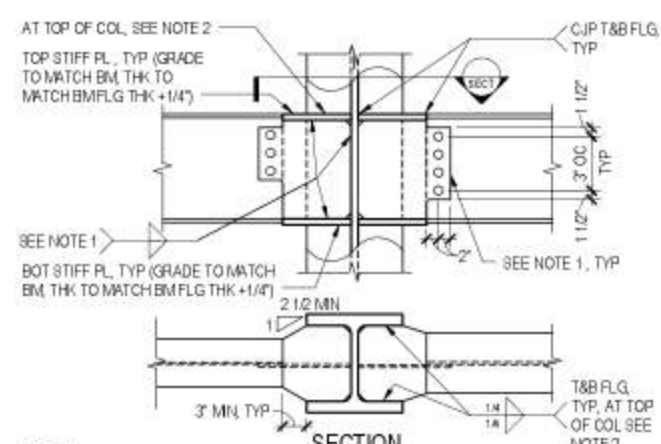
- NOTES:**
- FOR A GIVEN REQUIRED REACTION, SEE "TABLE F" FOR SEAT INFORMATION
 - ALL PLATES SHALL HAVE $F_y = 50$ KSI MINIMUM
 - WHERE THE BEAM WEB THICKNESS (t_w) IS LESS THAN THE MINIMUM WEB THICKNESS (t_{req}) REQUIRED IN "TABLE F", REDUCE THE MAXIMUM REACTION BY THE FOLLOWING RATIO: $Ct \cdot t_w / t_{req}$
 - WHERE Ct IS 0.30 FOR W10 AND W12 BEAMS, 0.35 FOR W14 TO W21 BEAMS, 0.5 FOR W24 TO W33 BEAMS, AND 0.70 FOR W36 AND DEEPER BEAMS
 - THE CONNECTION MAY BE SKEWED A MAXIMUM OF 30 DEGREES BY SKEWING THE STIFFENER PLATE TO ALIGN WITH THE BEAM WEB. BEVEL PLATE END OR PROVIDE EQUIVALENT PJP WELD IN LIEU OF OUTSIDE FILLET WELD. BEVEL END OF BEAM TO BE PARALLEL TO COLUMN WEB
 - WHERE "TYPICAL TYPE C20" OCCURS ON BOTH SIDES OF THE COLUMN WEB, THE REQUIRED COLUMN WEB THICKNESS (t_{req}) SHALL BE 1/2 INCH. WHERE THE COLUMN WEB THICKNESS (t_{col}) IS LESS THAN THE REQUIRED WEB THICKNESS, REDUCE THE "TABLE F" MAXIMUM REACTION BY THE RATIO: t_{col} / t_{req}
 - WHERE "TYPICAL TYPE C20" OCCURS AT A COLUMN WEB, ONLY W10, W12, AND W14 COLUMNS ARE PERMITTED
 - "B" IS A MINIMUM WIDTH PER "TABLE F". INCREASE WIDTH AS REQD TO BE EQUAL TO OR GREATER THAN INCOMING BLOCKED BEAM FLANGE, AND ADMIT BOLTS AS SHOWN. IN NO CASE SHALL THE SEAT WIDTH EXCEED THE DISTANCE BETWEEN THE COLUMN WEB FILLETS

16 TYPICAL TYPE C20 - SEATED BEAM CONNECTION



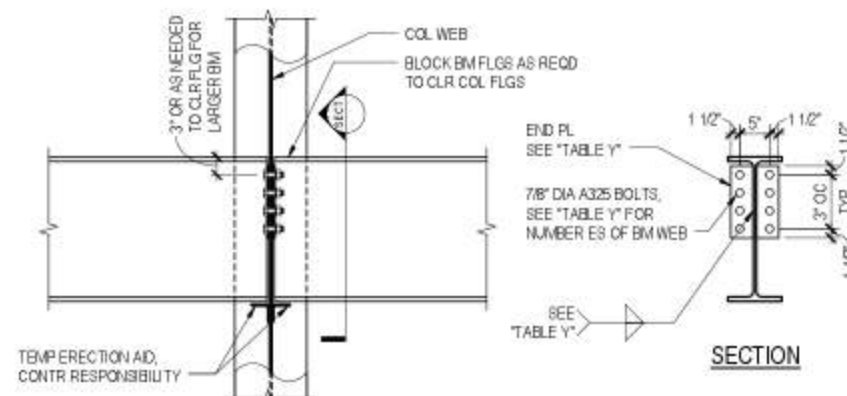
- NOTES:**
- SEE "TYPICAL TYPE C1" OR "TYPICAL TYPE C2" FOR ADDITIONAL CONNECTION REQUIREMENTS
 - AT TOP OF COLUMN PROVIDE 1/4 INCH PJP WELD IN LIEU OF TOP SIDE FILLET WELD OR, AT CONTRACTOR'S OPTION, A SINGLE CAP PLATE MAY BE USED IN LIEU OF TWO STIFFENER PLATES. USE 5/16 INCH ONE SIDED FILLET WELD FOR STIFFENER PLATE TO EACH COLUMN FLANGE AND EACH SIDE OF COLUMN WEB
 - AT CONTRACTOR'S OPTION, WIDTH OF STIFFENER PLATES MAY BE REDUCED TO MATCH LARGEST INCOMING BEAM FLANGE IF NO OTHER INCOMING CONNECTIONS OCCUR AT A GIVEN BEAM-COLUMN CONNECTION

2 TYP TYPE C4 - BM TO COL FLG MOMENT CONN



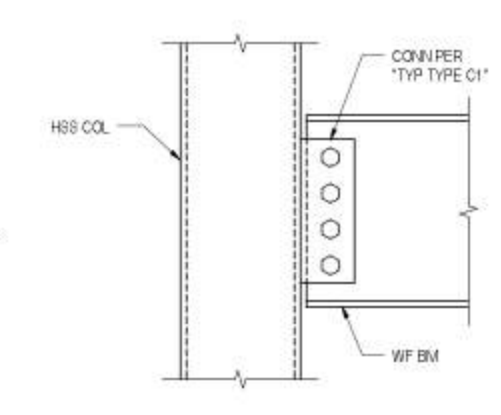
- NOTES:**
- FOR A GIVEN BEAM AND REQUIRED REACTION, SEE "TABLE A" OR "TABLE B" FOR BOLT SIZE AND TYPE, NUMBER OF BOLTS, VERTICAL PLATE THICKNESS, AND WELDS
 - AT TOP OF COLUMN PROVIDE 1/4 INCH PJP WELD IN LIEU OF TOP SIDE FILLET WELD OR, AT CONTRACTOR'S OPTION, A SINGLE CAP PLATE MAY BE USED IN LIEU OF TWO STIFFENER PLATES. USE 5/16 INCH ONE SIDED FILLET WELD FOR STIFFENER PLATE TO EACH COLUMN FLANGE AND EACH SIDE OF COLUMN WEB
 - THIS DETAIL APPLIES ONLY FOR BEAMS OF EQUAL DEPTH EACH SIDE OF COLUMN

3 TYP TYPE C5 - BM TO COL WEB MOMENT CONN



- NOTES:**
- WHEN THE BEAM WEB IS LESS THAN THE VALUE SHOWN IN "TABLE Y", REDUCE THE MAXIMUM REACTION BY THE RATIO OF ACTUAL BEAM WEB THICKNESS TO MINIMUM BEAM WEB THICKNESS
 - WHERE THE C/D CONNECTION OCCURS ON BOTH SIDES OF THE COLUMN WEB, THE MINIMUM COLUMN WEB THICKNESS SHALL BE TWICE THE VALUE SHOWN IN "TABLE Y"
 - WHEN COLUMN WEB IS LESS THAN VALUE SHOWN IN "TABLE Y", REDUCE MAXIMUM REACTION BY THE RATIO OF ACTUAL COLUMN WEB THICKNESS TO MINIMUM COLUMN WEB THICKNESS
 - MINIMUM NUMBER OF BOLTS PER SIDE SHALL CONFORM TO THE REQUIREMENTS IN "GENERAL NOTES FOR STEEL CONNECTIONS"
 - END PLATE SHALL FIT BETWEEN BEAM WEB FILLETS
 - END PLATES SHALL HAVE $F_y = 50$ KSI MINIMUM
 - 1/4 INCH MAXIMUM SHIMS ALLOWED ON EACH BEAM END
 - DO NOT COPE STEEL BEAM FLANGES

7 TYPICAL TYPE C10 - BEAM END PLATE CONNECTION



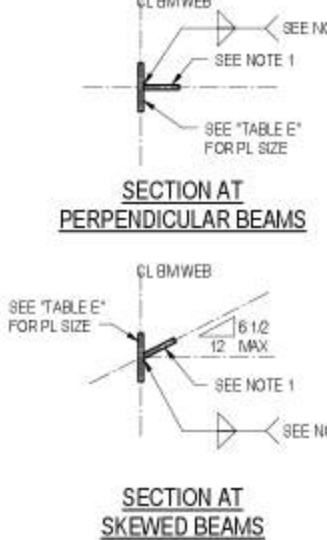
12 TYPICAL CONN AT HSS COLUMN

MAXIMUM REACTION (KIPS)	SEAT (IN)		STEM PLATE (IN)		MINIMUM BEAM WEB THICKNESS (IN)
	B	L	T		
42	6	6	1/2	0.26	
56	6	7	1/2	0.31	
70	6	8	1/2	0.36	
86	6	9	1/2	0.40	
102	6	10	1/2	0.44	
119	6	11	1/2	0.48	
137	6	12	5/8	0.53	
154	6	13	5/8	0.56	
172	6 1/2	14	3/4	0.59	
190	7	15	3/4	0.61	
208	7 1/2	16	7/8	0.64	
226	8	17	7/8	0.66	
245	8 1/2	18	1	0.69	
263	9	19	1	0.72	
281	9 1/2	20	1 1/8	0.74	
299	10	21	1 1/8	0.76	
317	10 1/2	22	1 1/4	0.80	
335	10 1/2	23	1 1/4	0.84	

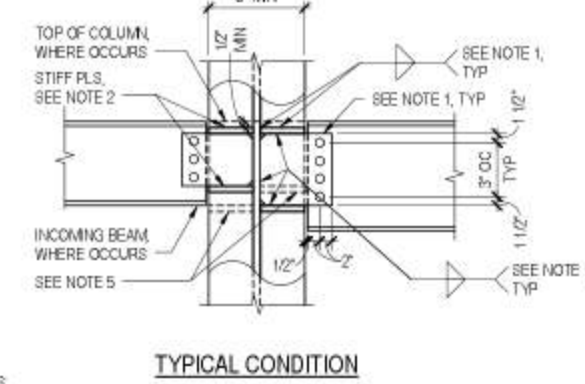
13 TYPICAL TYPE C21 - BEAM FLANGE INTERSECTING BEAM WEB

7/8" DIA A325 BOLTS				
NUMBER OF BOLTS	PL THICKNESS (IN)	PL LENGTH (IN)	NOMINAL WEB THICKNESS (IN)	STIFF PL THICKNESS (IN)
2-4	5/8	7	0.31	3/8
5-6	5/8	7	0.44	3/8
7-8	3/4	8	0.50	1/2
9-10	3/4	9	0.61	5/8
11-12	1	10	0.64	5/8

1" DIA A490 BOLTS				
NUMBER OF BOLTS	PL THICKNESS (IN)	PL LENGTH (IN)	NOMINAL WEB THICKNESS (IN)	STIFF PL THICKNESS (IN)
2-4	5/8	7	0.31	3/8
5-6	3/4	9	0.46	1/2
7-8	3/4	9	0.57	5/8
9-10	1	10	0.65	3/4
11-12	1	10	0.72	1



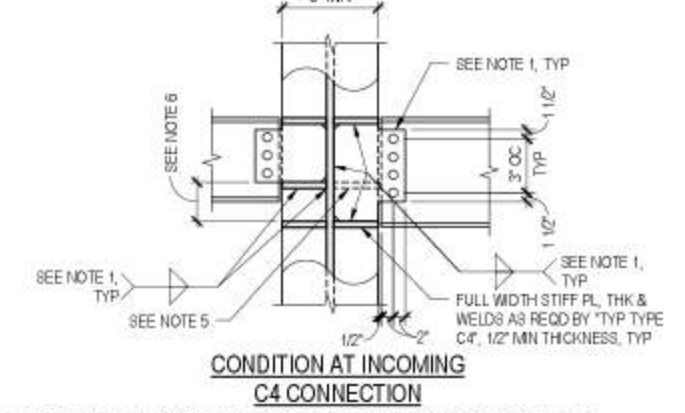
18 TABLE E



- NOTES:**
- FOR A GIVEN BEAM AND REQUIRED REACTION, SEE "TABLE A" OR "TABLE B" FOR BOLT SIZE AND TYPE, NUMBER OF BOLTS, VERTICAL PLATE THICKNESS, AND WELDS
 - STIFFENER PLATE THICKNESS IS 1/2 INCH FOR CONNECTIONS USING A325 BOLTS AND 5/8 INCH FOR CONNECTIONS USING A490 BOLTS
 - ALL PLATES SHALL HAVE $F_y = 50$ KSI MINIMUM

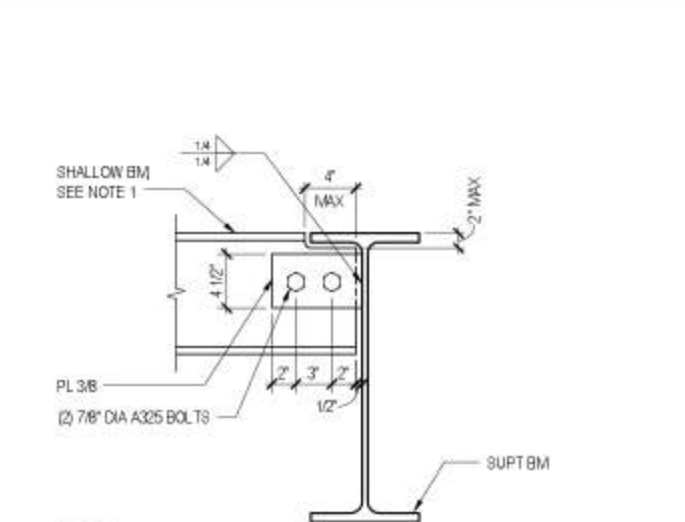
4 TYPICAL TYPE C6 - BEAM TO COLUMN WEB SHEAR CONNECTION

NUMBER OF BOLTS PER SIDE	MAXIMUM REACTION (KIPS)	END PLATE THICKNESS (IN)	WELD SIZE (IN)	MINIMUM BEAM WEB THICKNESS (IN)	MINIMUM COLUMN WEB THICKNESS (IN)
2	31	1/4	3/16	0.19	0.14
2	87	1/2	3/8	0.58	0.48
3	90	1/4	3/16	0.20	0.16
3	137	1/2	3/8	0.58	0.48
4	85	1/4	3/16	0.25	0.20
4	197	1/2	3/8	0.58	0.48
5	127	1/4	1/4	0.30	0.24
5	238	1/2	3/8	0.58	0.48
6	179	3/8	1/4	0.35	0.30
6	288	1/2	3/8	0.58	0.48
7	269	3/8	5/16	0.46	0.38
7	338	1/2	3/8	0.58	0.48
8	315	3/8	5/16	0.47	0.40
8	388	1/2	3/8	0.58	0.48
9	367	1/2	5/16	0.55	0.46
9	437	1/2	3/8	0.58	0.48
10	485	1/2	3/8	0.58	0.48
11	534	1/2	3/8	0.58	0.48
12	582	1/2	3/8	0.58	0.48



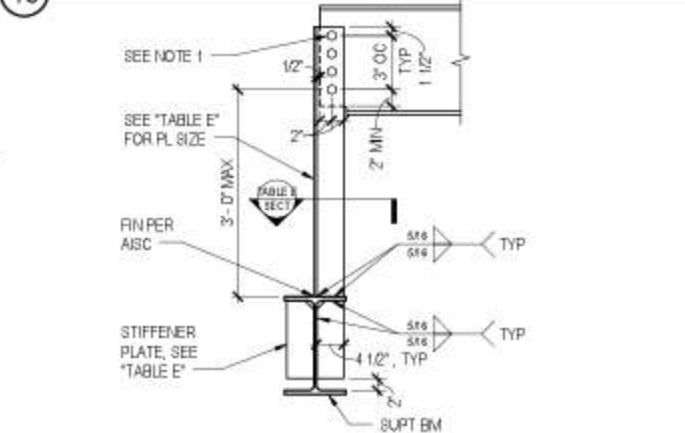
- NOTES:**
- BEAMS MAY BE SKEWED UP TO 30 DEGREES. SEE "TYPICAL TYPE C1" FOR MAXIMUM PERMISSIBLE ROOT GAP AT SKEWED CONNECTIONS
 - FOR COLUMNS W16 AND DEEPER, PROVIDE STIFFENER PLATES ON EACH SIDE OF COLUMN, OR USE "TYPICAL TYPE C2" OR "TYPICAL TYPE C10" CONNECTIONS
 - WHEN DIMENSION SHOWN IS 6 INCHES OR LESS, EXTEND VERTICAL PLATE TO LOWER STIFFENER. WHEN DIMENSION SHOWN IS GREATER THAN 6 INCHES PROVIDE ADDITIONAL STIFFENER PLATE 1/2 INCH AT BOTTOM OF VERTICAL PLATE

10 TYPICAL TYPE C11 - SHALLOW BEAM CONN



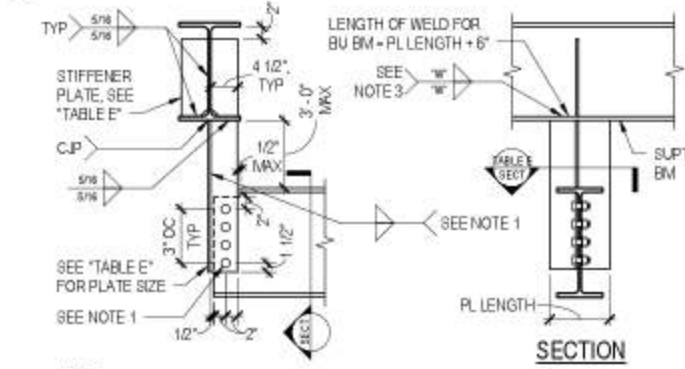
- NOTES:**
- THIS DETAIL SHALL BE USED ONLY FOR BEAMS UP TO 8 INCHES DEEP AND WEIGHING AT LEAST 8 LB/FT. USE "TYPICAL TYPE C1" CONNECTION FOR DEEPER BEAMS
 - ALL PLATES SHALL HAVE $F_y = 50$ KSI MINIMUM

15 TYPICAL TYPE C22 - BM TO ELEVATED BM CONN



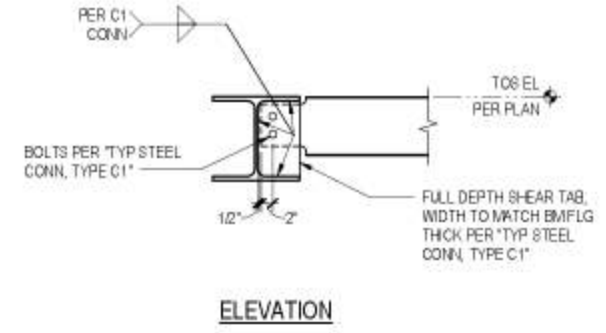
- NOTES:**
- FOR A GIVEN BEAM AND REQUIRED REACTION, SEE "TABLE A" OR "TABLE B" FOR BOLT SIZE AND TYPE, NUMBER OF BOLTS, AND NUMBER OF BOLTS
 - ALL PLATES SHALL HAVE $F_y = 50$ KSI MINIMUM

15 TYPICAL TYPE C22 - BM TO ELEVATED BM CONN



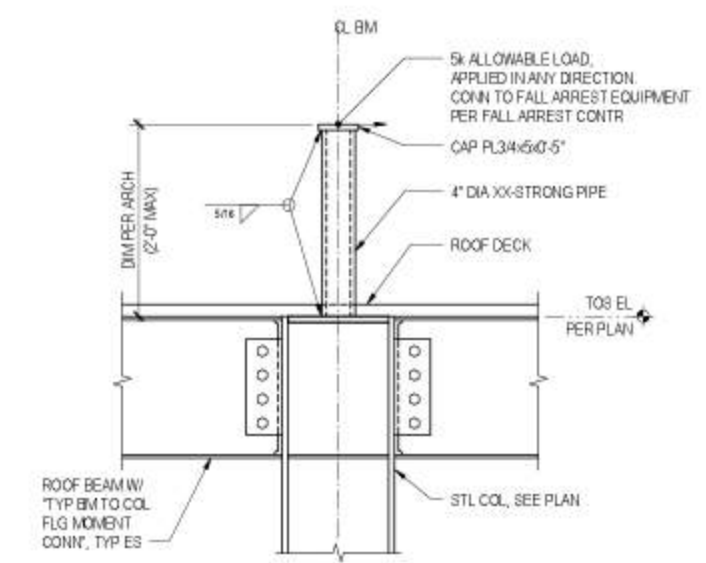
- NOTES:**
- FOR A GIVEN BEAM AND REQUIRED REACTION, SEE "TABLE A" OR "TABLE B" FOR BOLT SIZE AND TYPE, NUMBER OF BOLTS, AND MAXIMUM COPE LENGTH
 - ALL PLATES SHALL HAVE $F_y = 50$ KSI MINIMUM
 - PROVIDE FILLET WELD AT BUILT-UP BEAMS. WELD SIZE "W" SHALL BE 0.75w, WHERE "w" IS THE SUPPORT BEAM WEB THICKNESS
 - CONTRACTOR SHALL PERFORM ULTRASONIC TESTING AND INSPECTION OF SUPPORT BEAM BOTTOM FLANGE PER SPECIFICATION FOR WELDED CONNECTIONS

20 TYP TYPE C23 - BEAM TO DEPRESSED BM CONN



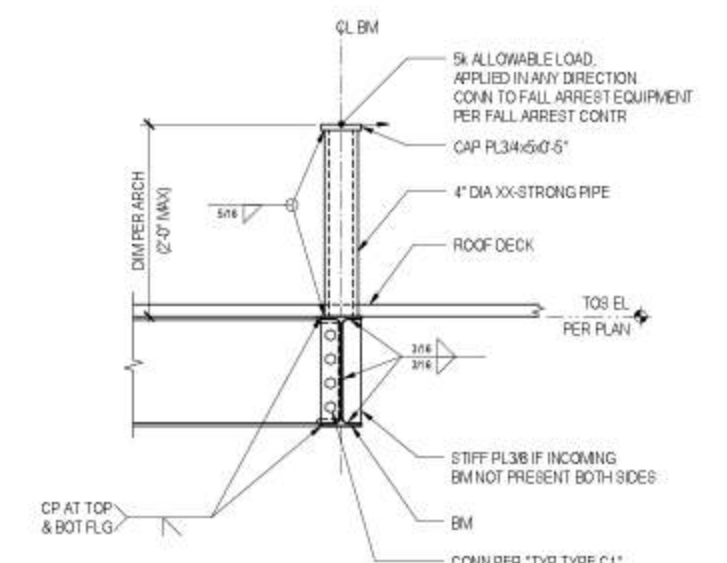
- NOTES:**
- SEE "TYPICAL STEEL CONNECTION, TYPE C1" FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
 - THIS CONNECTION SHALL ONLY BE USED WHEN SPECIFICALLY CALLED OUT ON PLAN OR IN A DETAIL.

3 TYPICAL STEEL CONNECTION, TYPE C30



- NOTES:**
- USE "TYPICAL STEEL CONNECTION, TYPE C5" FOR INCOMING BEAMS UNLESS NOTED OTHERWISE.

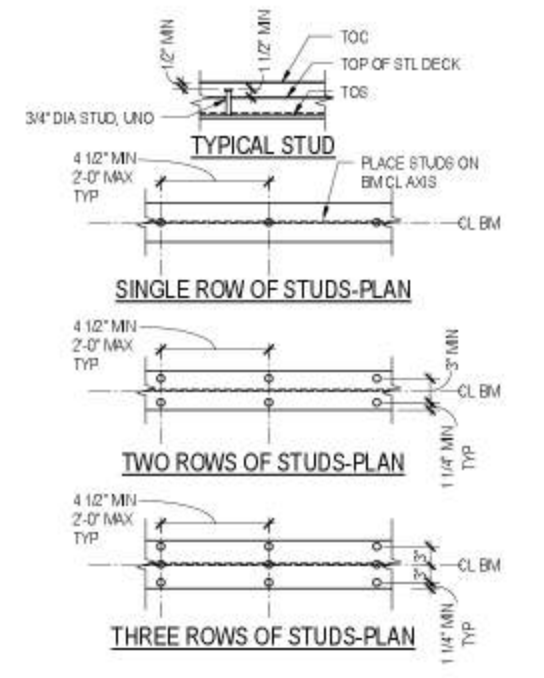
4 TYPICAL FALL ARREST POST



- NOTES:**
- USE "TYPICAL STEEL CONNECTION, TYPE C5" FOR INCOMING BEAMS UNLESS NOTED OTHERWISE.

4 TYPICAL FALL ARREST POST

- NOTES:**
- SEE PLAN FOR REQUIRED NUMBER OF STUDS. STUDS SHALL BE PLACED AT A MAXIMUM SPACING OF 2'-0" ALONG THE BEAM AXIS UNLESS NOTED OTHERWISE ON PLAN. SEE "GENERAL NOTES" FOR MINIMUM NUMBER OF STUDS AND MINIMUM STEEL COMPOSITE DECK TO STEEL BEAM FASTENING REQUIREMENTS.
 - UNLESS NOTED OTHERWISE, STUDS ARE TO BE EQUALLY SPACED ALONG THE BEAM LENGTH AND PLACED SYMMETRICALLY ABOUT THE BEAM CENTERLINE AXIS. IF EQUAL SPACING IS NOT POSSIBLE DUE TO DECK CONFIGURATION, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED.
 - THE REQUIRED NUMBER OF STUD ROWS SHALL BE DETERMINED AS FOLLOWS (BEAM LENGTH IN FEET):
 - A. FOR DECK FLUTES PERPENDICULAR TO THE BEAM: # ROWS = # STUDS / BEAM LENGTH
 - B. FOR DECK FLUTES PARALLEL TO THE BEAM: # ROWS = 0.375 x # STUDS / BEAM LENGTH
 - FOR DECK FLUTES PARALLEL TO THE BEAM, THE FIRST STUD (OR STUDS) SHALL BE PLACED 6" FROM THE BEAM ENDS. FOR DECK FLUTES PERPENDICULAR TO THE BEAM, THE FIRST STUD (OR STUDS) SHALL BE PLACED IN THE FLUTE CLOSEST TO THE BEAM ENDS.
 - FOR CANTILEVER SPANS, STUDS SHALL BE PLACED IN ONE ROW ALONG THE BEAM CENTERLINE AXIS AT A MAXIMUM SPACING OF 2'-0". STUDS PLACED ON THE CANTILEVER SPAN ARE NOT INCLUDED IN THE NUMBER OF STUDS SHOWN ON THE DRAWINGS.
 - WHERE WELDED WIRE REINFORCING IS USED AS SLAB REINFORCEMENT, ADDITIONAL REINFORCEMENT SHALL BE PLACED PERPENDICULAR TO THE BEAM ACROSS THE BEAM AND CANTILEVERED SPANS AS FOLLOWS:
 - 1 OR 2 STUDS / FT - ADD NONE
 - 3 STUDS / FT - ADD #4@5'-0" @ 12"
 - 4 OR MORE STUDS / FT - ADD #4@5'-0" @ 10"



14 TYPICAL SHEAR STUD PLACEMENT AND ADDED REINFORCING

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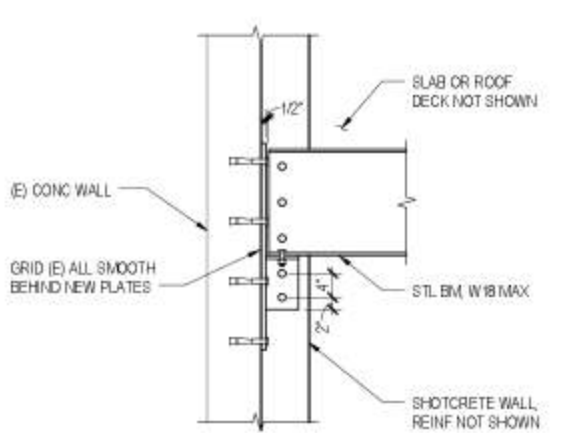
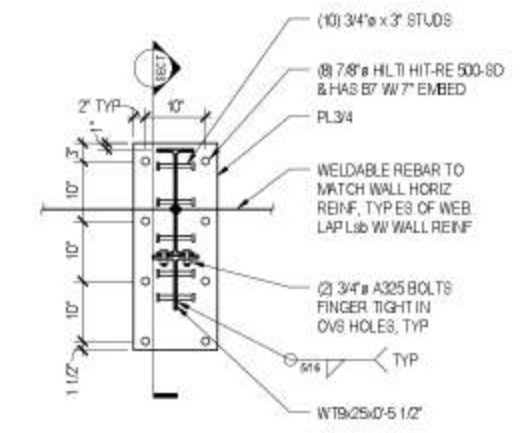
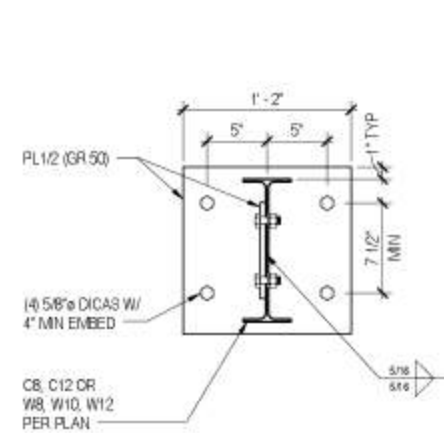
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Revisions			
No.	Date	By	Description

Drawn	SRT
Checked	RMZ
M/A Proj No	A2070.00
Date	6/23/2017

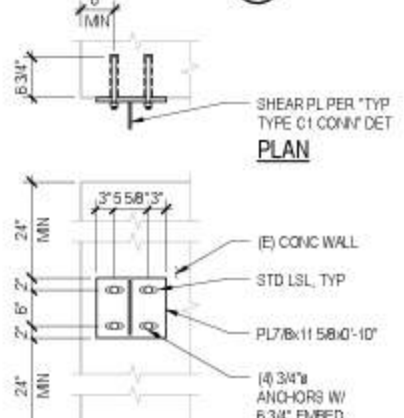
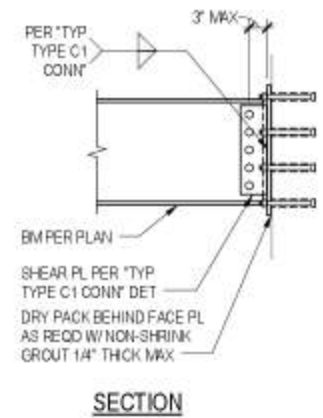
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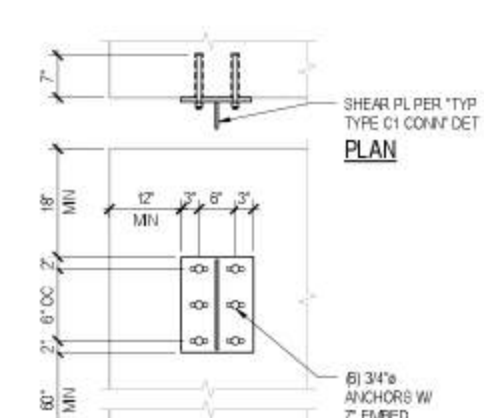


3 TYPICAL INFILL STEEL BEAM END CONNECTION

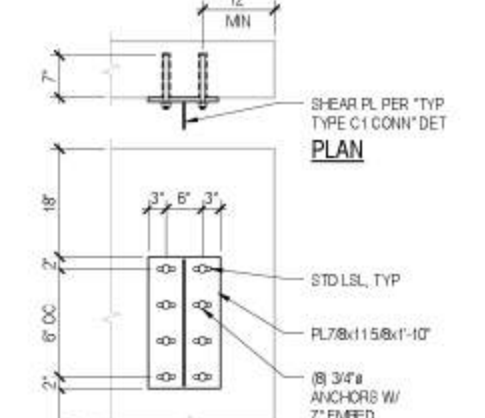
4 ALTERNATE CONNECTION FOR STEEL BEAM TO SHOTCRETE WALL



- NOTES:
1. PROVIDE HLTH-HIT HY 200 ANCHORS OR APPROVED EQUAL PER GENERAL NOTES.
 2. REMOVE ALL DUST FROM HAMMER DRILLED HOLE PRIOR TO ANCHOR INSTALLATION.

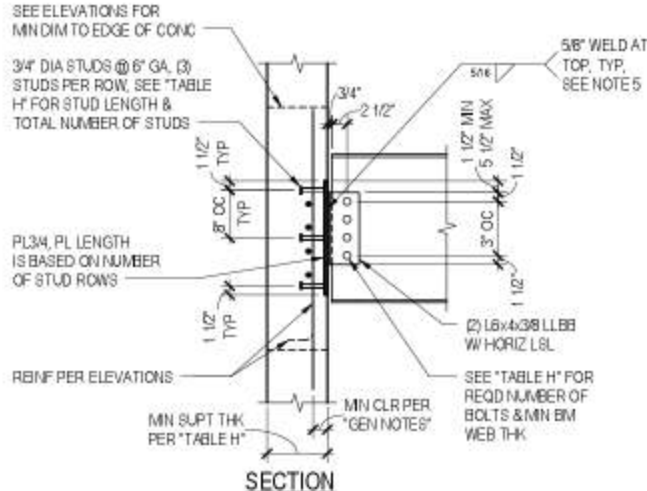


CONNECTION FOR W12, W14, W16



CONNECTION FOR W18, W21

8 TYPICAL CONNECTIONS TO EXISTING CONCRETE COLUMNS OR WALLS



- NOTES:
1. THIS CONNECTION IS TO BE USED WHERE STEEL BEAMS ARE SUPPORTED ON CONCRETE WALLS. THE MAXIMUM REACTION DEPENDS ON THE LOCATION OF THE EDGES OF THE CONCRETE WALL FROM THE STUD GROUP AS DEFINED IN THE ELEVATIONS OF THE TYPES SHOWN. THE REACTIONS FOR A GIVEN TYPE MAY ONLY BE USED IF ALL OF THE REQUIREMENTS FOR THAT TYPE ARE SATISFIED. IF ANY REQUIREMENTS ARE NOT SATISFIED, ANOTHER TYPE WHERE ALL CONDITIONS ARE SATISFIED MUST BE USED.
 2. UNLESS NOTED OTHERWISE, THESE DETAILS ARE NOT TO BE USED WHERE MULTIPLE STEEL BEAMS FRAME INTO THE CORNER OF OR OPPOSITE SIDES OF A WALL.
 3. DO NOT COPE STEEL BEAM TOP FLANGE.
 4. WHERE REFERENCED, REINFORCEMENT SHOWN IS IN ADDITION TO REINFORCEMENT SPECIFIED ELSEWHERE. WHEN STIRRUPS ARE USED IN LIEU OF HOOPS, SPLICE WITH CONTINUOUS REINFORCEMENT SPECIFIED ELSEWHERE.
 5. TOLERANCE ON RETURN WELD SHALL BE +1/4 INCH, -0 INCHES.
 6. MINIMUM NUMBER OF BOLTS SHALL CONFORM TO THE REQUIREMENTS OF GENERAL NOTES FOR STEEL CONNECTIONS.

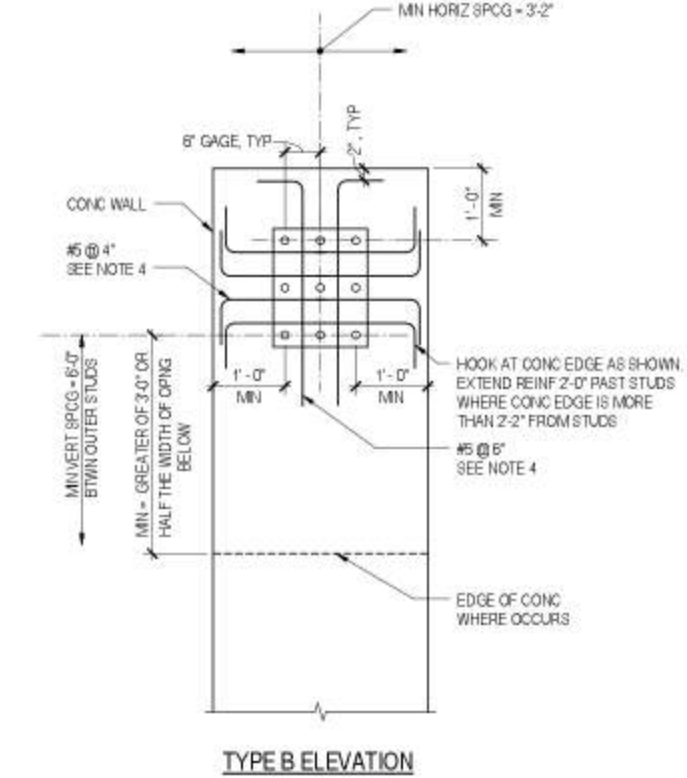
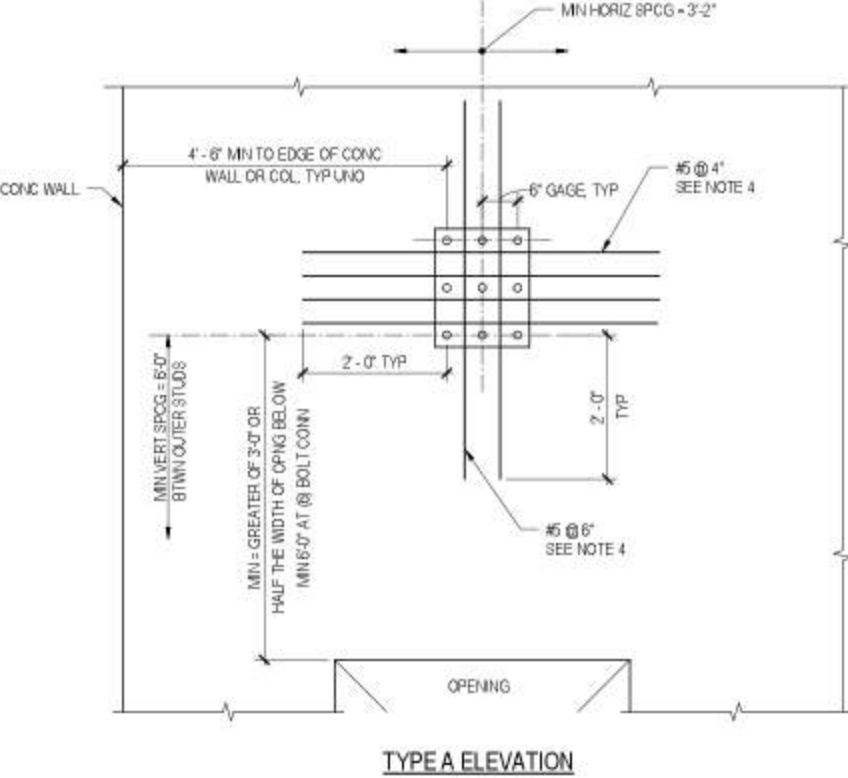
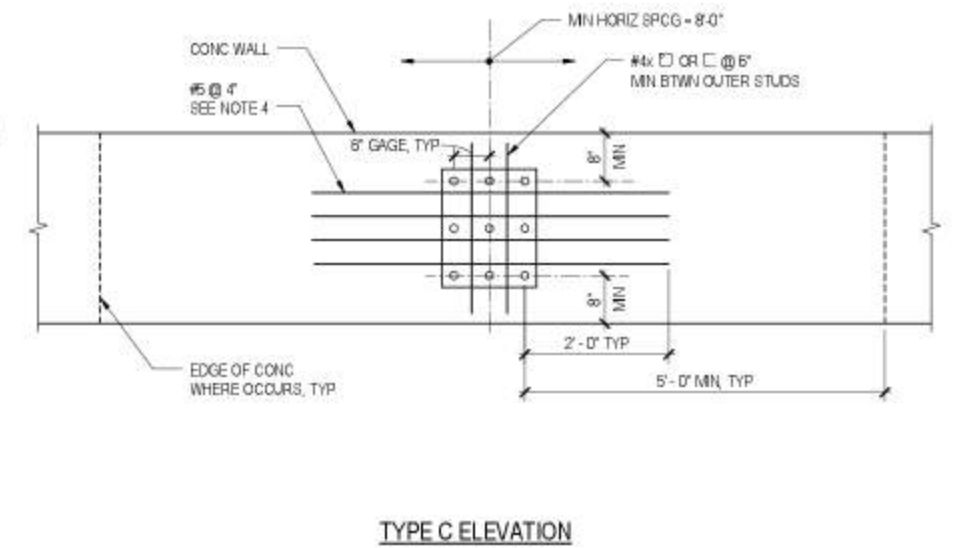
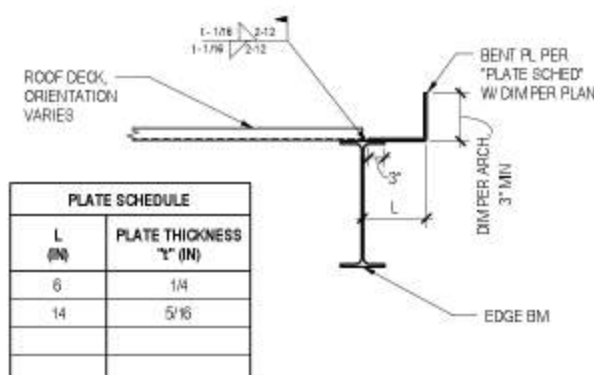


TABLE H							
f _c = 4,000 PSI							
7/8\"/>							
2	6	5	8	0.19	12	12	12
3	9	5	8	0.20	25	25	25
4	9	5	8	0.25	42	30	40
5	12	5	8	0.30	60	34	45
6	15	5	8	0.35	79	13	48

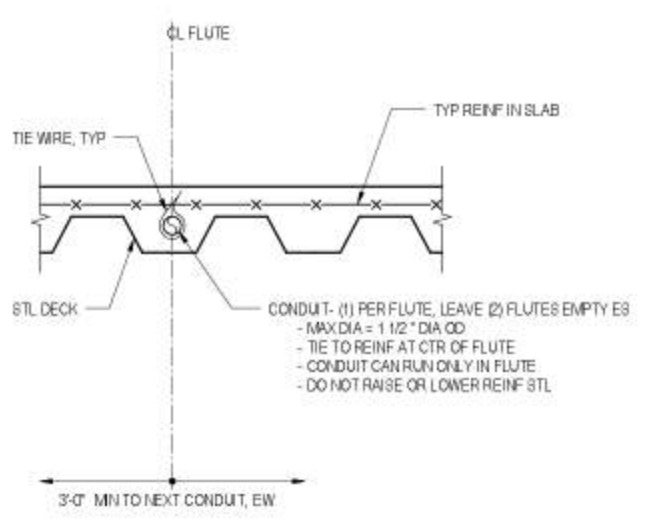


16 TYPICAL TYPE C25 - STEEL CONNECTION TO CONCRETE WALL

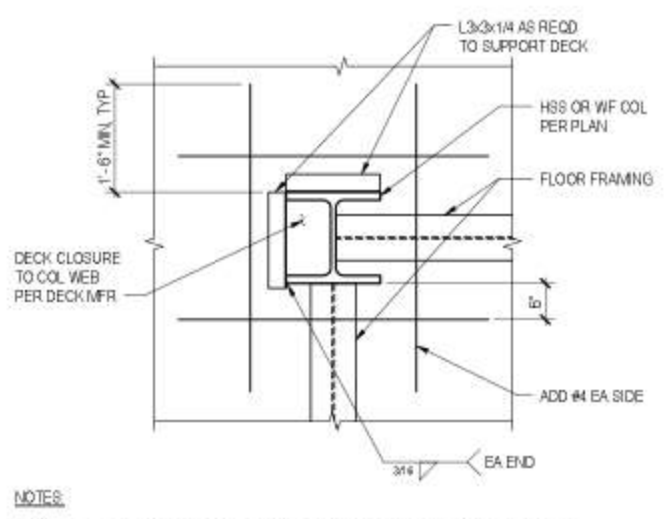


- NOTES:**
- FIELD INSTALL BENT PLATE WHERE REQUIRED TO SATISFY ARCHITECTURAL TOLERANCES.
 - PROVIDE 1/4 INCH PARTIAL PENETRATION AT VERTICAL LEG TO SPLICE BENT PLATE.
 - NO VERTICAL CLADDING LOADS SHALL BE APPLIED TO BENT PL. IF SUCH LOADS ARE PRESENT, SUBMIT TO ENGINEER PRIOR TO FABRICATION.

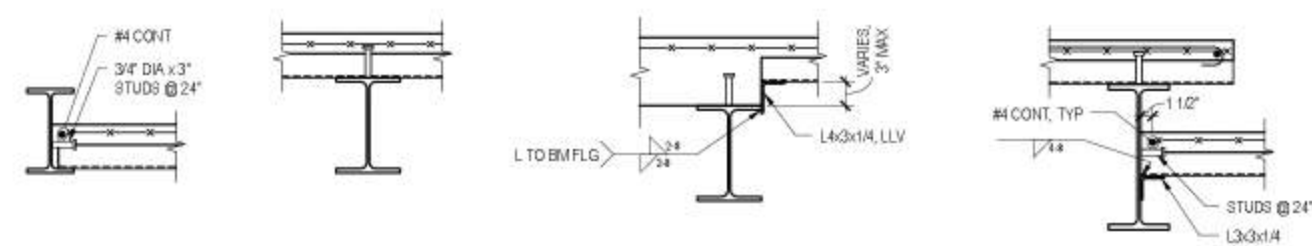
1 TYPICAL ROOF DECK EDGE



2 TYPICAL CONDUIT IN SLAB ON STEEL DECK

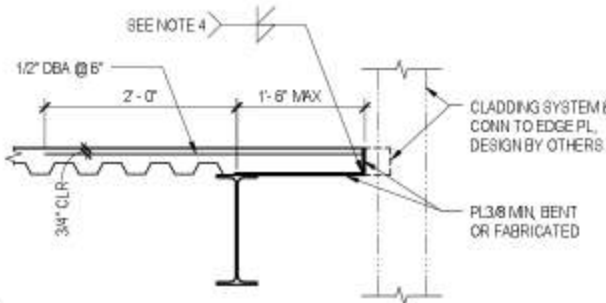


3 TYP DECK SUPPORT AND REINF AT COLUMNS



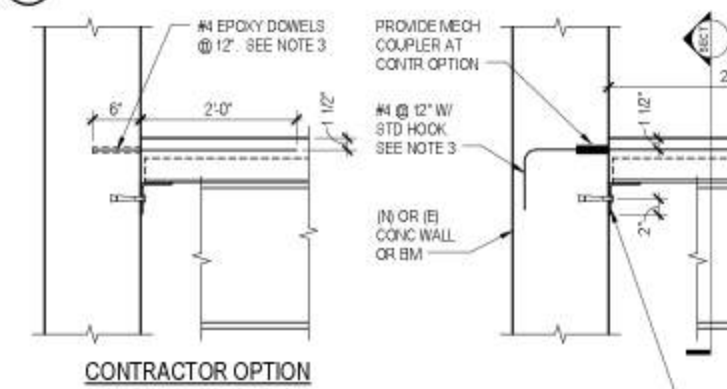
- NOTES:**
- STUDS ARE TYPICALLY 3/4 INCH DIAMETER AT 24 INCHES ON CENTER UNLESS NOTED OTHERWISE.
 - AT ALL ANGLES AND WEBS LESS THAN OR EQUAL TO 1/4 INCH THICK, USE 1/2 INCH DIAMETER x 4 INCH STUDS AT 12 INCHES ON CENTER.
 - DECK SPANS EITHER DIRECTION, SEE PLANS.
 - ROOF DECK SIMILAR.

9 TYPICAL DECK SUPPORT DETAILS



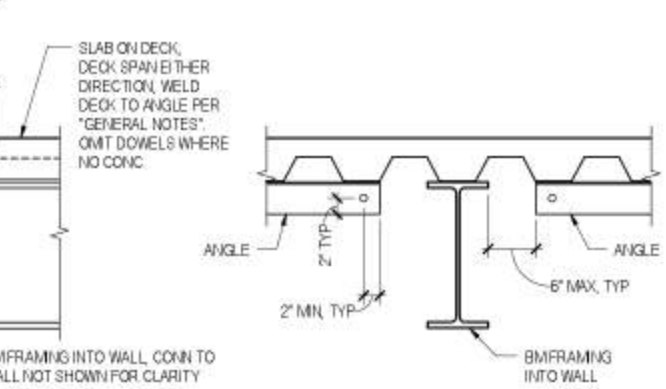
- NOTES:**
- SEE "TYPICAL DECK EDGE CONDITIONS" DETAIL FOR ADDITIONAL INFORMATION.
 - PROVIDE BENT PLATE AT EXTERIOR WHEREVER REQUIRED TO SUPPORT EXTERIOR CLADDING.
 - PROVIDE FIELD INSTALLED AESS BENT PLATE AT EXPOSED PLATE CONDITIONS PER ARCHITECTURE.
 - AT CURVED EDGE, FABRICATE EDGE PLATE FROM TWO PIECES OF PLATE AND WELD GRIND SMOOTH TO MATCH BENT PLATE AT EXPOSED PLATE CONDITIONS.
 - EXTERIOR SLAB EDGE SHALL NOT VERTICALLY SUPPORT PRECAST CLADDING LOAD MAGNITUDES AND LOCATIONS SHALL BE SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO FABRICATION. BASED ON REVIEW, ADJUSTMENT TO THIS DETAIL MAY BE REQUIRED.

4 TYP SLAB EDGE AT EXTERNAL CLADDING



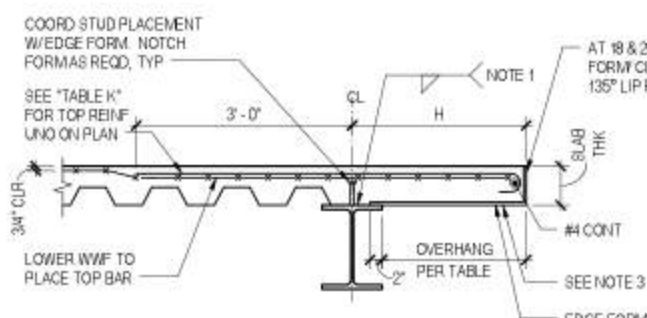
- NOTES:**
- PROVIDE DECK SUPPORT ANGLES (DSA) AT ALL EDGES OF DECKING WHERE SUPPORTED BY CONCRETE WALLS.
 - IF DSA OVERLAPS A STEEL EMBED PLATE, OMIT END ANCHORS AND USE 3/16 FILLET WELD TOP AND BOTTOM TO ATTACH ANGLE TO EMBED PLATE.
 - WHERE HOOKS INTO WALL ARE SHOWN ON PLAN, PROVIDE REINFORCING AS SHOWN ON PLAN IN LIEU OF #4 @ 12".

7 TYPICAL DECK SUPPORT ANGLE (DSA) AT CONCRETE

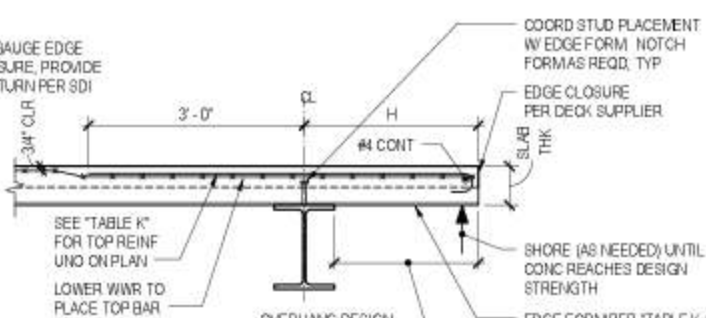


- NOTES:**
- PROVIDE DECK SUPPORT ANGLES (DSA) AT ALL EDGES OF DECKING WHERE SUPPORTED BY CONCRETE WALLS.
 - IF DSA OVERLAPS A STEEL EMBED PLATE, OMIT END ANCHORS AND USE 3/16 FILLET WELD TOP AND BOTTOM TO ATTACH ANGLE TO EMBED PLATE.
 - WHERE HOOKS INTO WALL ARE SHOWN ON PLAN, PROVIDE REINFORCING AS SHOWN ON PLAN IN LIEU OF #4 @ 12".

4 TYP SLAB EDGE AT EXTERNAL CLADDING



DECK SPANNING PARALLEL TO BEAM



DECK SPANNING PERPENDICULAR TO BEAM

NOTES:

- WELDING SHALL BE AS FOLLOWS:

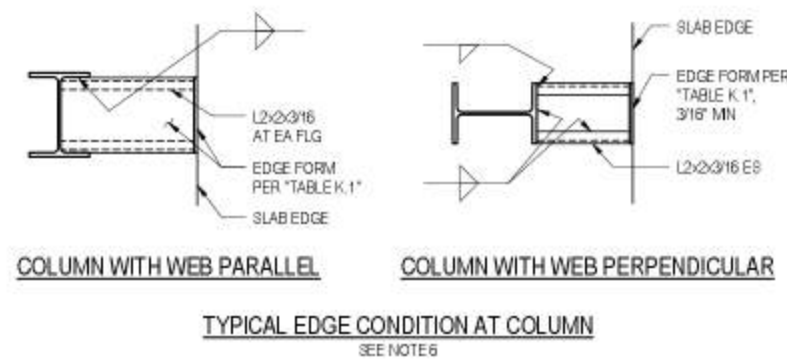
MATERIAL	WELD SIZE x LENGTH AT SPACING
18 GA & 20 GA	1/8" x 1" @ 12" OC
16 GA & 14 GA	1/8" x 2" @ 12" OC
12 GA & 10 GA	1/8" x 2" @ 8" OC
3/16" & 1/4"	3/16" x 2" @ 12" OC
5/16" & 3/8"	3/16" x 2" @ 8" OC
- MATERIALS ARE TO BE AS FOLLOWS:
 - 18 GAUGE AND LIGHTER - ASTM A653 - Fy = 33 KSI MINIMUM
 - 16 GAUGE AND HEAVIER - ASTM A653 - Fy = 50 KSI MINIMUM
 - AT CONTRACTOR'S OPTION, ASTM A36 (Fy = 36 KSI MIN) MAY BE USED FOR PLATES.
- FOR CONDITIONS WHERE SLAB EDGE EXCEEDS 18 INCH OVERHANG, PROVIDE 1/4 INCH PLATE EDGE FORM AND SHORE THE EDGE UNTIL CONCRETE REACHES 28 DAY COMPRESSIVE STRENGTH.
- AT CONTRACTOR'S OPTION, ALTERNATE METHODS OF PROVIDING EDGE CONSTRUCTION MAY BE USED AS DESIGNED BY THE CONTRACTOR. PROVIDE SHORING AND FRAMING MATERIALS AS REQUIRED.
- THE SLAB EDGE CLOSURE PLATE IS ONLY DESIGNED TO SUPPORT WET CONCRETE AND CONSTRUCTION LOAD. DO NOT USE THE PLATE TO DIRECTLY SUPPORT CLADDING LOADS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD.
- AT CORNER COLUMNS, USE BOTH "TYPICAL EDGE CONDITION AT COLUMN" DETAILS. EDGE FORM SHALL BE MITERED AND WELDED.
- AT BLOCKOUTS FOR CLADDING CONNECTIONS, EDGE REINFORCING IS TO BE CONTINUOUS.
- AT RECESS CONDITIONS, EDGE PLATE HEIGHT TO MATCH THE SLAB HEIGHT AT RECESS.
- COORDINATE EDGE ANGLE INSERTS FOR CLADDING SUPPORT WITH ARCHITECTURAL DRAWINGS. SUBSTITUTE FOR EDGE FORM WHEN SHOWN ON ARCHITECTURAL.
- CONSTRUCTION LOAD AT EDGE FORM SHALL NOT EXCEED 20 PSF.

TABLE K

H	REINFORCING
0' TO 9"	-
OVER 9' TO 1'-4"	#4 @ 18"
OVER 1'-4" TO 2'-0"	#4 @ 12"
OVER 2'-0" TO 2'-6"	#4 @ 8"

TABLE K.1

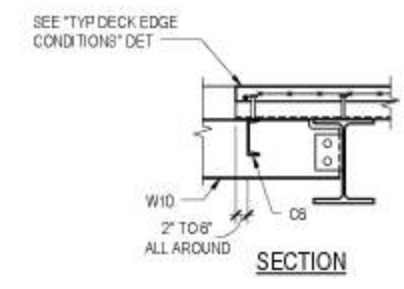
SLAB THICKNESS (IN)	SLAB EDGE CLOSURE PLATE GAUGE / THICKNESS AT DECK PARALLEL TO BEAM																	
	OVERHANG (IN)																	
	0	1	2	3	4	5	6	7	8	9	10	11	12	14	16	18		
4	20	20	20	20	18	16	14	12	12	12	10	10	10	3/16	1/4	5/16		
4.5	20	20	20	20	18	16	16	14	12	12	12	10	10	3/16	1/4	5/16		
5	20	20	18	16	16	16	16	14	12	12	10	10	10	3/16	1/4	5/16		
5.5	20	18	18	16	14	14	14	14	12	12	10	10	10	3/16	1/4	5/16		
6	18	18	16	14	14	14	12	12	12	10	10	10	10	3/16	1/4	5/16		
6.5	18	16	16	14	12	12	12	12	12	10	10	10	10	3/16	1/4	5/16		
7	16	16	14	12	12	12	12	12	10	10	10	10	10	3/16	1/4	5/16		
7.5	16	14	14	12	12	12	12	10	10	10	10	10	10	3/16	1/4	5/16		
8	14	14	12	12	12	12	10	10	10	10	10	10	10	3/16	1/4	5/16		



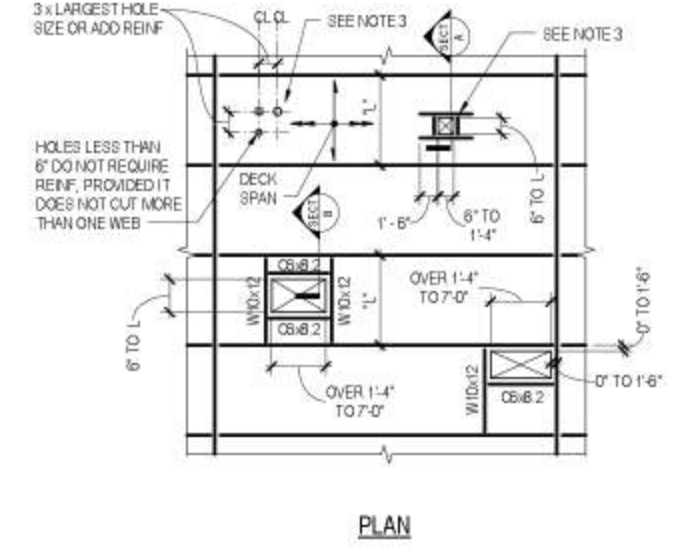
TYPICAL EDGE CONDITION AT COLUMN

16 TYPICAL DECK EDGE CONDITIONS

14 TYPICAL ROOF DECK - OPENING 7'-0" AND LESS

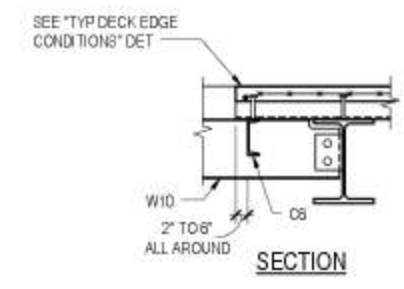


- NOTES:**
- BLOCK OUT OPENING BEFORE PLACING CONCRETE.
 - REMOVE BLOCKOUT AND CUT DECK AFTER CONCRETE HAS CURED.
 - CONTRACTOR SHALL COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL CONTRACTORS AND ARCHITECTURAL DRAWINGS.
 - THE OPENING NOTED REQUIRES A CENTER-TO-CENTER SPACING FROM ADJACENT OPENINGS OF FOUR TIMES THE MAXIMUM OPENING DIMENSION. IF REQUIRED LAYOUT CANNOT CONFORM TO THESE REQUIREMENTS, REINFORCE GROUP AS IF ONE COMBINED PENETRATION.

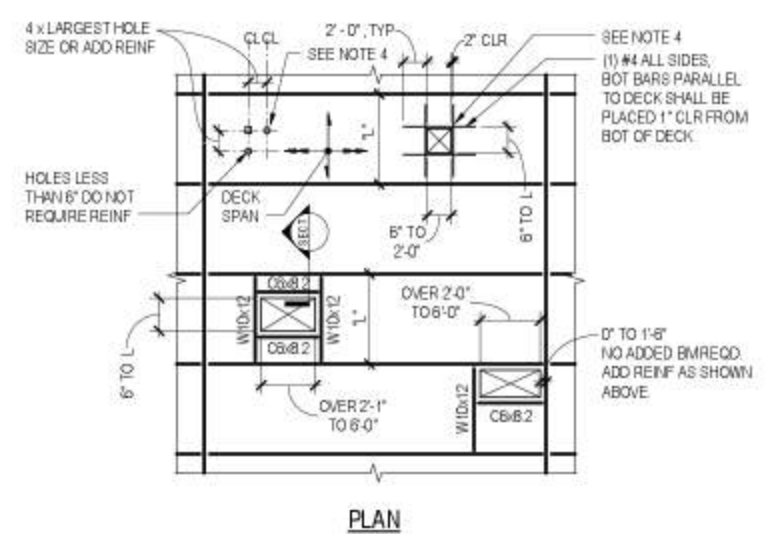


PLAN

19 TYPICAL FLOOR DECK - OPENING 6'-0" AND LESS

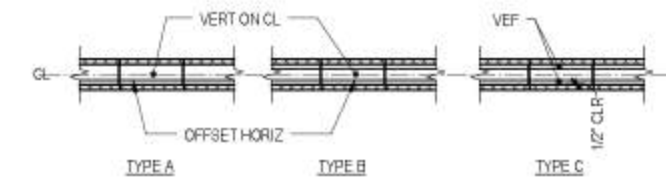


- NOTES:**
- BLOCK OUT OPENING BEFORE PLACING CONCRETE.
 - REMOVE BLOCKOUT AND CUT DECK AFTER CONCRETE HAS CURED.
 - CONTRACTOR SHALL COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL CONTRACTORS AND ARCHITECTURAL DRAWINGS.
 - THE OPENING NOTED REQUIRES A CENTER-TO-CENTER SPACING FROM ADJACENT OPENINGS OF FOUR TIMES THE MAXIMUM OPENING DIMENSION. IF REQUIRED LAYOUT CANNOT CONFORM TO THESE REQUIREMENTS, REINFORCE GROUP AS IF ONE COMBINED PENETRATION.



PLAN





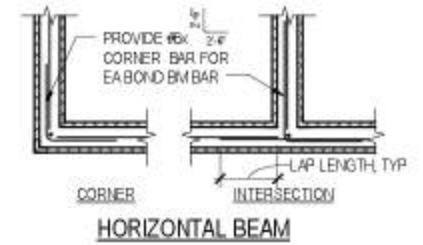
BAR LOCATION TYPES

NOTES

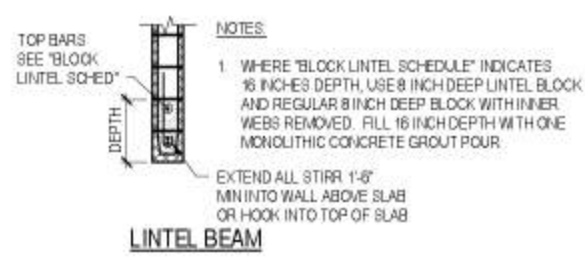
- BOND BEAM REINFORCEMENT ABOVE AND BELOW OPENINGS SHALL BE CONTINUOUS (I.E. UNSPLICED) AND EXTENDED 2'-0" MINIMUM BEYOND OPENING.
- WHERE BOND BEAM DOES NOT ALIGN WITH TOP OR BOTTOM OF OPENINGS, ADD A BOND BEAM COURSE EXTENDING 2'-0" BEYOND THE OPENING.
- LOCATE SCHEDULED BARS FROM TABLE EACH SIDE OF EACH OPENING, EACH CORNER AND WALL ENDS.
- BOND BEAM BARS MAY BE USED TO ARRIVE AT TOTAL STEEL AREA REQUIRED BY REINFORCING SCHEDULE.
- CROUT ALL CELLS THAT CONTAIN REINFORCEMENT OR EMBEDDED ITEMS.
- CMU WALL REINFORCING BAR BENDS, EXTENSIONS, ETC. TO CONFORM TO REQUIREMENTS OF ACI 530.

CMU LOAD BEARING WALL REINFORCING SCHEDULE						
NOMINAL WALL	BOND BEAM		VERTICAL		BAR LOCATION TYPE	MAXIMUM WALL HEIGHT
	REINFORCING	LAP LENGTH	REINFORCING	LAP LENGTH		
8"	2 #5	45"	#5 @ 48"	45"	B	12'-0"

9 TYPICAL CMU LOAD BEARING WALL REINFORCING SCHEDULE AND NOTES

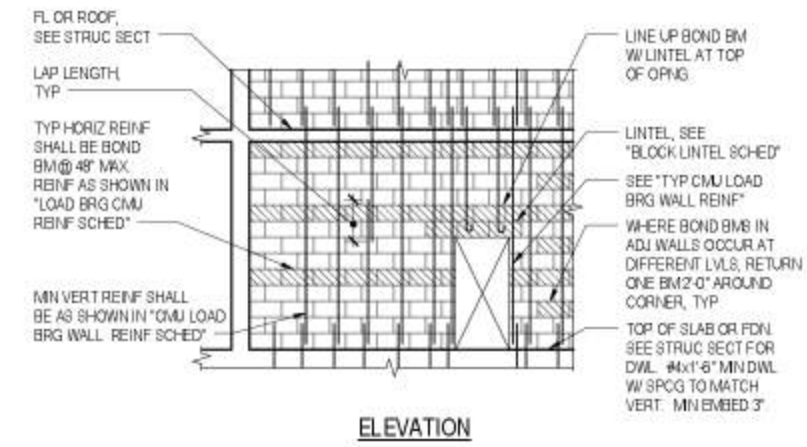


HORIZONTAL BEAM



LINTEL BEAM

BLOCK LINTEL SCHEDULE				
THICKNESS	CLEAR SPAN	DEPTH	HORIZONTAL REINFORCING	STIRRUPS
8"	4'-0" OR LESS	8"	2 #4 BOT	#3 x 1 @ 16"
	4'-0" TO 6'-4"	16"	2 #5 BOT (1 #4 TOP)	#3 x 1 @ 8"
	6'-4" TO 8'-0"	16"	2 #5 BOT (1 #4 TOP)	#3 x 1 @ 8"
10" OR 12"	4'-0" OR LESS	8"	2 #5 BOT	#3 x 1 @ 16"
	4'-0" TO 6'-4"	16"	2 #6 BOT (1 #4 TOP)	#3 x 1 @ 8"
	6'-4" TO 8'-0"	16"	2 #7 BOT (1 #5 TOP)	#3 x 1 @ 8"



ELEVATION

13 TYPICAL CMU LOAD BEARING WALL ELEVATION

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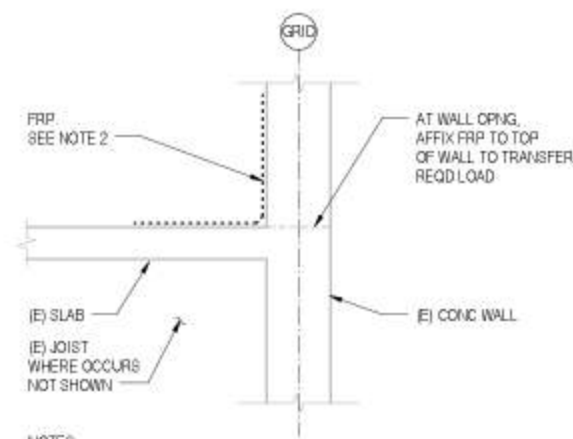


TABLE 1: REQUIRED TOP OF SLAB FRP CAPACITIES			
SLAB	LOCATION	REQUIRED ULTIMATE CAPACITY	MINIMUM TOTAL LENGTH OF FRP AT INTERFACE
LEVEL 3	NORTH OF GRID 4	45 KIPS	8'
LEVEL 3	EAST OF GRID B	38 KIPS	8'
LEVEL 3	SOUTH OF GRID 13	82 KIPS	7'
LEVEL 3	WEST OF GRID H	181 KIPS	15'
LEVEL 3	GRID 18	96 KIPS	8'
LEVEL 3	EAST OF GRID F	117 KIPS	12'
LEVEL 2	SOUTH OF GRID 13	58 KIPS	5'
LEVEL 2	WEST OF GRID H	43 KIPS	8'
LEVEL 2	GRID 18	59 KIPS	5'
LEVEL 2	EAST OF GRID F	23 KIPS	8'

- NOTES:**
- REFER TO PLANS FOR FRP LOCATION
 - CONTRACTOR TO DESIGN TO TRANSFER SHEAR FORCE BETWEEN SLAB AND WALL. SEE TABLE 1 FOR CAPACITY AND LENGTH REQUIREMENTS.
 - LENGTH OF FRP NOTED IN TABLE MEASURED PERPENDICULAR TO THESE DETAILS, PARALLEL TO EXISTING WALLS. CONTRACTOR TO DESIGN OVERLAP LENGTH TO EACH WALL AND SLAB.

1 TYPICAL FRP ABOVE (E) SLAB AT (E) WALL

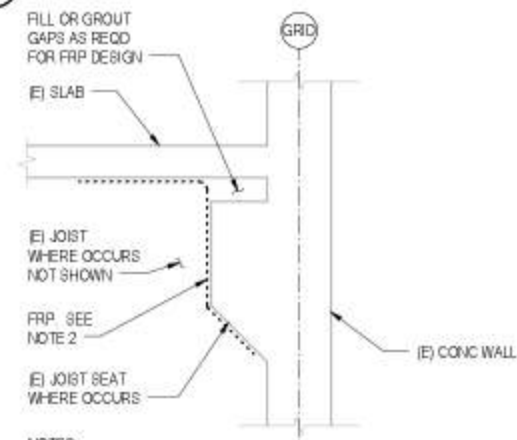
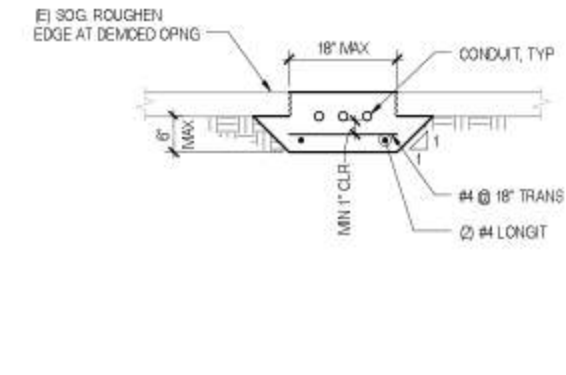


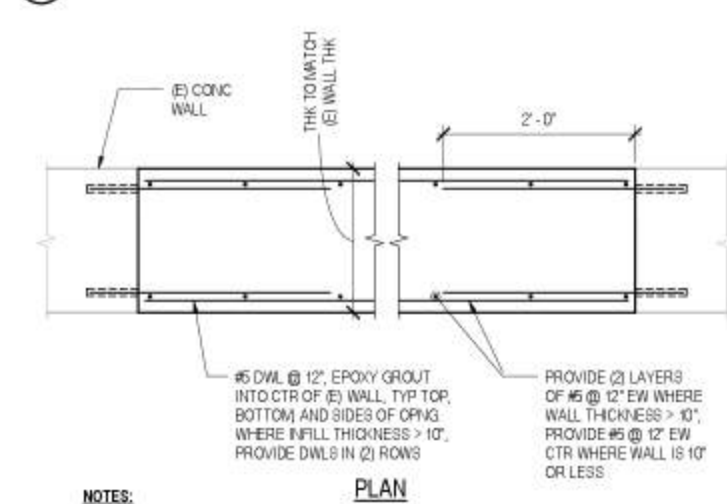
TABLE 2: REQUIRED BOTTOM OF SLAB FRP CAPACITIES			
SLAB	LOCATION	REQUIRED ULTIMATE CAPACITY	MINIMUM TOTAL LENGTH OF FRP AT INTERFACE
LEVEL 4	NORTH OF GRID 4	81 KIPS	8'
LEVEL 4	EAST OF GRID B	20 KIPS	5'
LEVEL 4	GRID 18	223 KIPS	30'
LEVEL 4	WEST OF GRID H	318 KIPS	42'

- NOTES:**
- REFER TO PLANS FOR FRP LOCATION
 - CONTRACTOR TO DESIGN TO TRANSFER SHEAR FORCE BETWEEN SLAB AND WALL. SEE TABLE 2 FOR CAPACITY AND LENGTH REQUIREMENTS.
 - LENGTH OF FRP NOTED IN TABLE MEASURED PERPENDICULAR TO THESE DETAILS, PARALLEL TO EXISTING WALLS. CONTRACTOR TO DESIGN OVERLAP LENGTH TO EACH WALL AND SLAB.

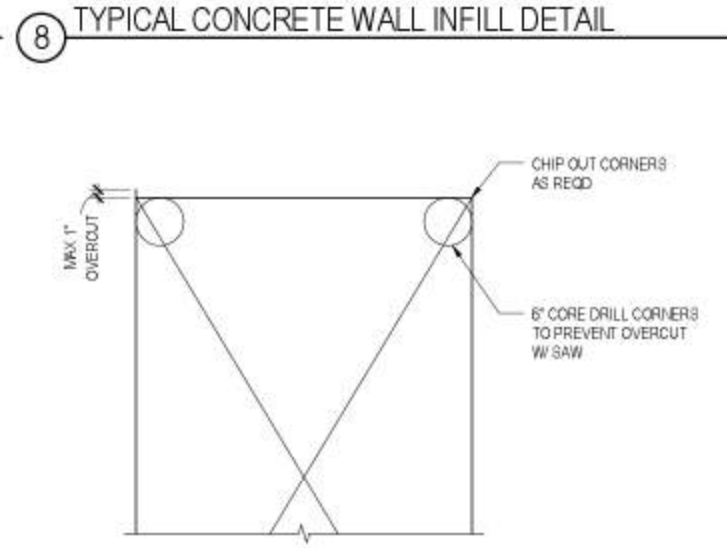
6 TYPICAL FRP BELOW (E) SLAB AT (E) WALL



3 TYPICAL TRENCH IN (E) SLAB ON GRADE



8 TYPICAL CONCRETE WALL INFILL DETAIL



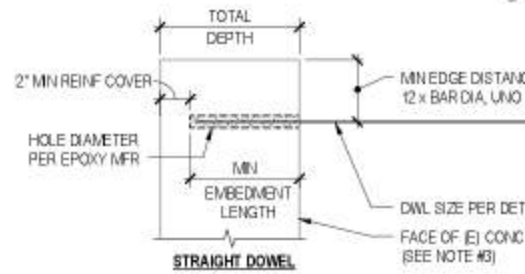
13 TYPICAL NEW OPENING IN EXISTING WALL

- GENERAL NOTES FOR NEW OPENINGS IN EXISTING WALLS:**
- ALL REINFORCING AND SHOTCRETE, WHERE REQUIRED, MUST BE IN PLACE BEFORE OPENINGS ARE CUT.
 - OPENINGS THROUGH EXISTING WALLS SHOWN IN STRUCTURAL DRAWINGS DO NOT REQUIRE ADDITIONAL REINFORCING UNLESS REINFORCING IS SHOWN OR NOTED IN THE DRAWINGS.
 - IF AN OPENING IS NOT SHOWN IN THE STRUCTURAL DRAWINGS AND DOES NOT MEET THE CRITERIA SHOWN IN 'TYPICAL NEW SMALL PENETRATION IN EXISTING WALL', OBTAIN APPROVAL FROM SEOR PRIOR TO BEGINNING TO CUT THE OPENING.
 - REFER TO 'TYPICAL NEW OPENING IN EXISTING WALL' DETAIL FOR REQUIREMENTS FOR OPENINGS LARGER THAN SINGLE CORE DRILLS.
 - REFER TO 'TYPICAL OPENING THRU EXISTING JOIST SEAT ON GRID H' FOR REQUIREMENTS FOR OPENINGS THROUGH JOIST SEATS. IF AN OPENING DOES NOT MEET THE REQUIREMENTS OF THIS DETAIL, OBTAIN APPROVAL FROM SEOR PRIOR TO BEGINNING TO CUT THE OPENING.
- GENERAL NOTES FOR NEW OPENINGS IN EXISTING FLOORS:**
- ALL REINFORCING MUST BE IN PLACE BEFORE OPENINGS ARE CUT.
 - REFER TO THE 'TYPICAL FRAMING FOR NEW OPENINGS IN EXISTING CONCRETE SLABS' DETAIL FOR REINFORCING REQUIREMENTS AT TYPICAL NEW OPENINGS IN EXISTING SLABS.
 - IF AN OPENING DOES NOT MEET THE CONDITIONS OF THE 'TYPICAL FRAMING FOR NEW OPENINGS IN EXISTING CONCRETE SLABS' DETAIL, OBTAIN APPROVAL FROM SEOR PRIOR TO BEGINNING TO CUT THE OPENING.
- GENERAL NOTES FOR NEW OPENINGS IN EXISTING BEAMS AND COLUMNS:**
- OBTAIN APPROVAL FROM SEOR PRIOR TO BEGINNING TO CUT ANY OPENING IN AN EXISTING BEAM OR COLUMN.

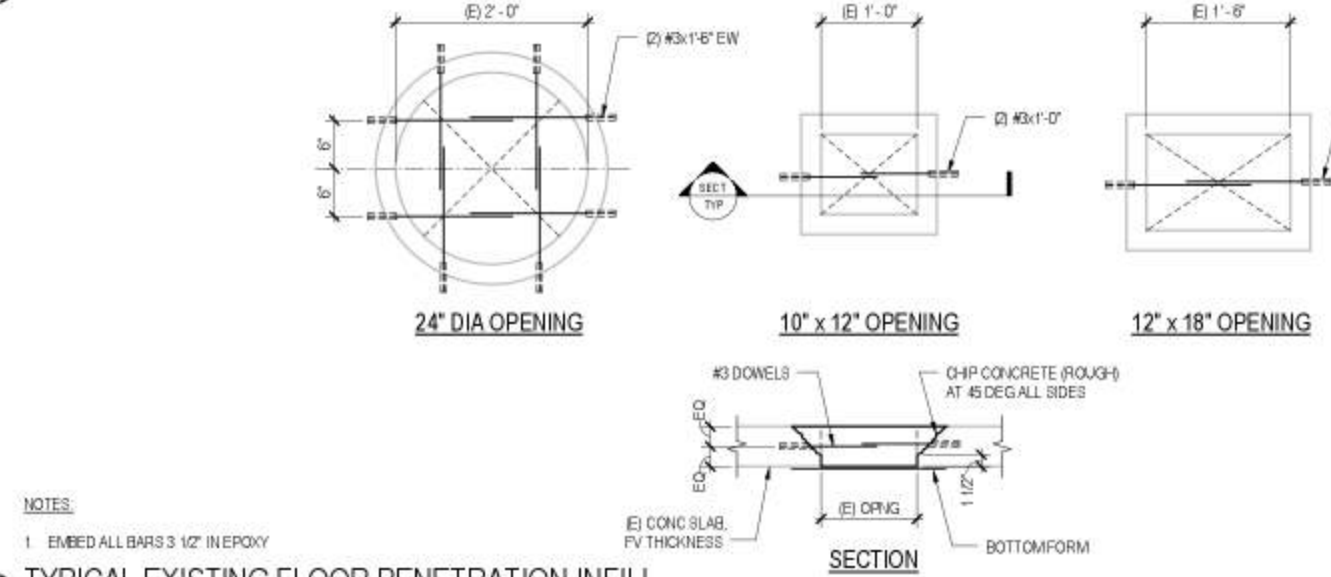
GENERAL NOTES FOR NEW OPENINGS IN EXISTING CONCRETE STRUCTURE

REBAR SIZE	MIN EMBEDMENT LENGTH FOR CONCRETE OR GROUTED CMU (NOTE 1)
#3	4 1/2"
#4	6 1/4"
#5	8"
#6	9 3/4"
#7	11 1/2"
#8	13 1/2"
#9	15 3/4"

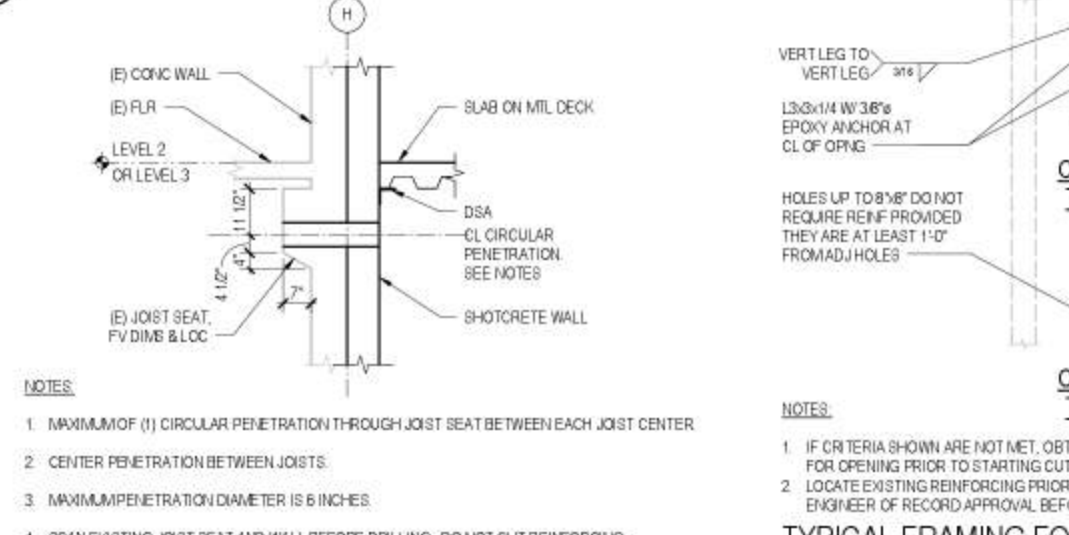
- NOTES:**
- MINIMUM EMBEDMENT LENGTHS SHOWN ARE FOR USE WITH EPOXY ADHESIVE PER THE GENERAL NOTES. EMBEDDED INTO HARDENED CONCRETE OR MASONRY. IF MINIMUM EMBEDMENT PLUS MINIMUM REINFORCING COVER IS GREATER THAN THE TOTAL DEPTH NOTED, EMBED DOWEL THE TOTAL DEPTH LESS THE MINIMUM REINFORCING COVER.
 - TAKE APPROPRIATE PRECAUTIONS TO AVOID CUTTING EXISTING REINFORCEMENT.
 - DRILL HOLE, PREPARE HOLE, AND INSTALL EPOXY IN STRICT ACCORDANCE WITH THE GENERAL NOTES AND MANUFACTURER'S RECOMMENDATIONS.
 - UNLESS OTHERWISE NOTED, USE STRAIGHT DOWEL, BUT PROVIDE STANDARD HOOK WITH EMBEDMENT LENGTH L_{dH} WHERE STRAIGHT EMBEDMENT CAN NOT BE PROVIDED.
 - USE HLT HT RE-500-SD EPOXY FOR CONCRETE, AND HT HY-70 FOR MASONRY (OR APPROVED EQUIVALENT, UNO).



4 TYPICAL EPOXY DOWEL EMBEDDED INTO CONCRETE OR GROUTED MASONRY



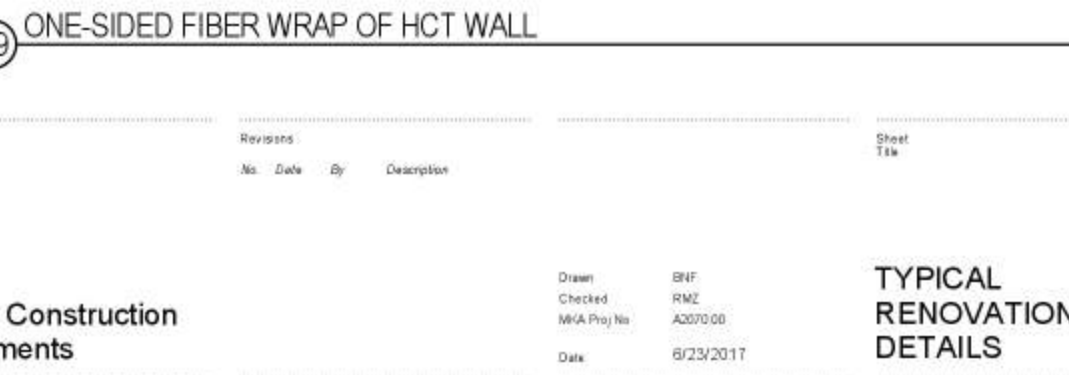
9 TYPICAL EXISTING FLOOR PENETRATION INFILL



14 TYP OPENING THRU (E) JOIST SEAT ON GRID H

- NOTES:**
- MAXIMUM OF (1) CIRCULAR PENETRATION THROUGH JOIST SEAT BETWEEN EACH JOIST CENTER.
 - CENTER PENETRATION BETWEEN JOISTS.
 - MAXIMUM PENETRATION DIAMETER IS 6 INCHES.
 - SCAN EXISTING JOIST SEAT AND WALL BEFORE DRILLING. DO NOT CUT REINFORCING.
- NOTES:**
- IF CRITERIA SHOWN ARE NOT MET, OBTAIN STRUCTURAL ENGINEER OF RECORD APPROVAL FOR OPENING PRIOR TO STARTING CUT.
 - LOCATE EXISTING REINFORCING PRIOR TO BEGINNING CUTS. OBTAIN PRIOR STRUCTURAL ENGINEER OF RECORD APPROVAL BEFORE CUTTING REINFORCING.

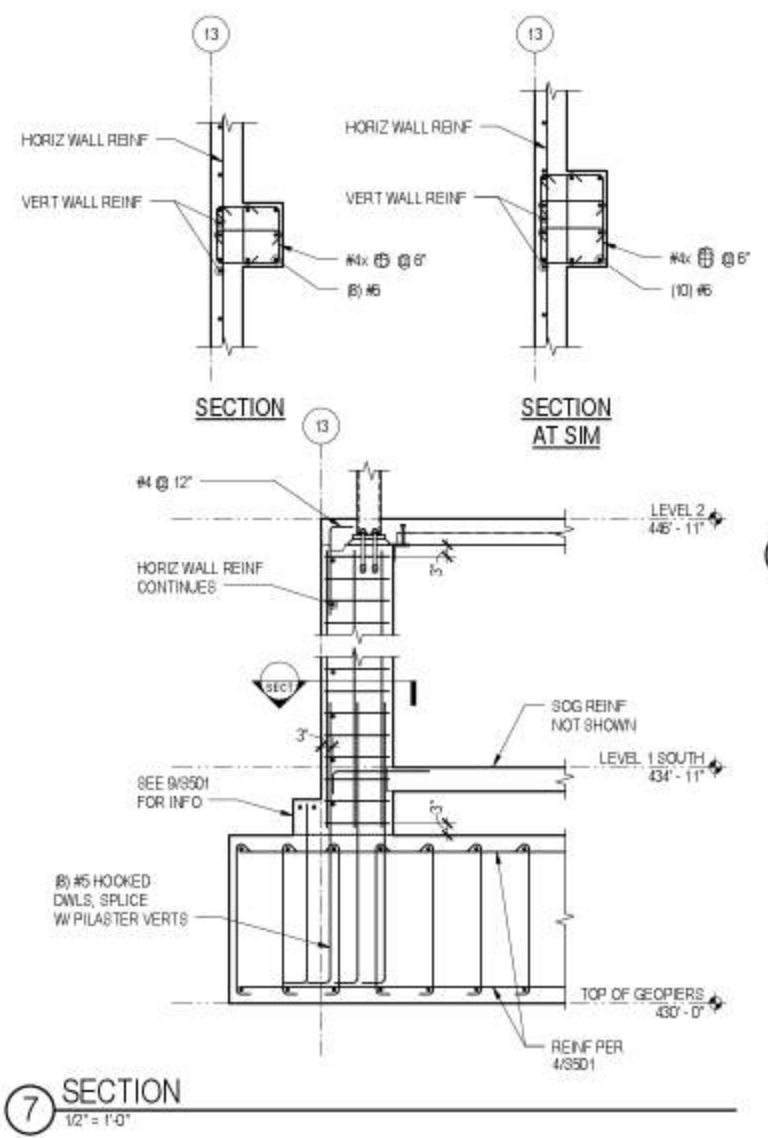
TYPICAL FRAMING FOR NEW OPENINGS IN EXISTING CONCRETE SLABS



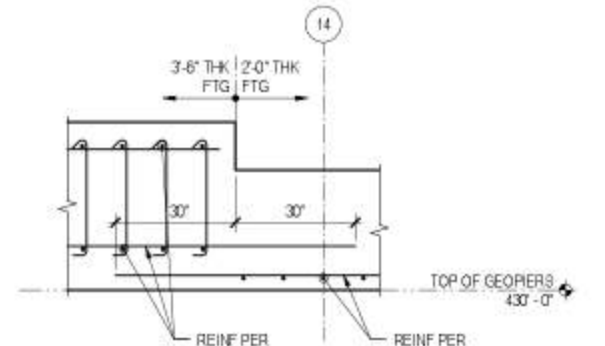
19 ONE-SIDED FIBER WRAP OF HCT WALL

- SPECIFICATIONS FOR ONE-SIDED FIBER WRAP:**
- REMOVE HIGH SPOTS OF ROUGH PLASTER OR MORTAR.
 - APPLY THICKENED COAT OF EPOXY TO PROVIDE A FLAT SMOOTH SURFACE.
 - LAY ONE LAYER OF FIBER ON WET EPOXY COATING.
 - APPLY ADDITIONAL EPOXY AS REQUIRED TO SATURATE FIBER.
 - FIBER SHALL BE TYFO WEB COMPOSITE GLASS FIBER MANUFACTURED BY FIVE CO, L.L.C. OR EQUIVALENT. THICKNESS (MIN 0.014") TO BE DETERMINED BY CONTRACTOR BASED ON LOADS PROVIDED.
 - COMPOSITE SYSTEM SHALL BE INSTALLED BY CONTRACTOR CERTIFIED BY THE MANUFACTURER AND HAVING A MINIMUM OF TWO YEARS EXPERIENCE APPROVED SUPPLIER AND APPLICATOR IS CONTECH SERVICES INC., P.O. BOX 84686, SEATTLE, WA 98124. PHONE (206) 763-9877.

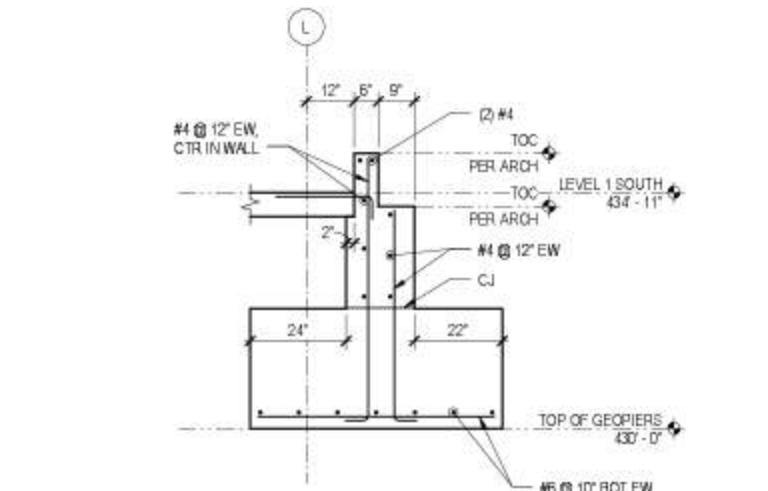
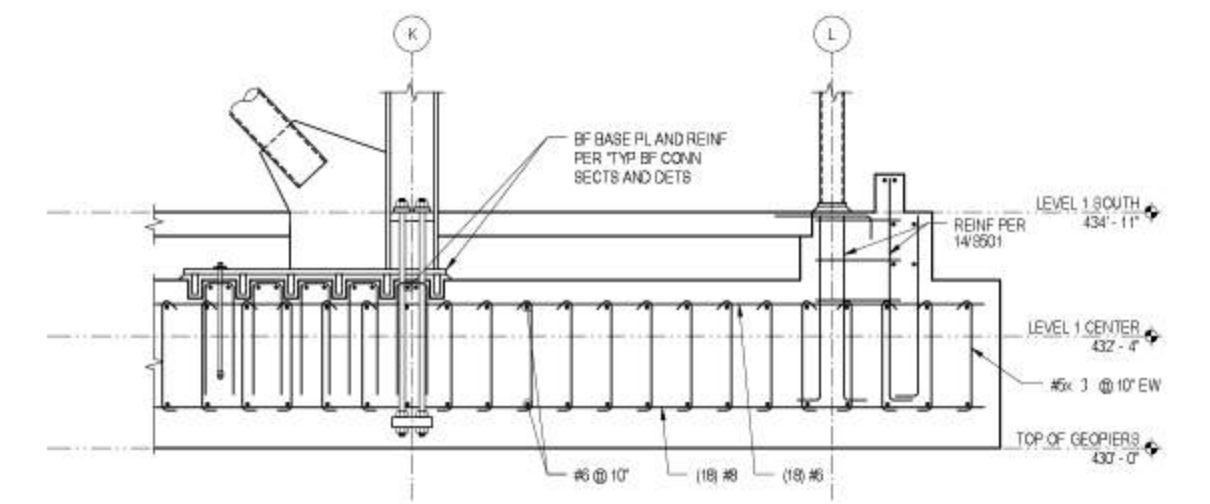
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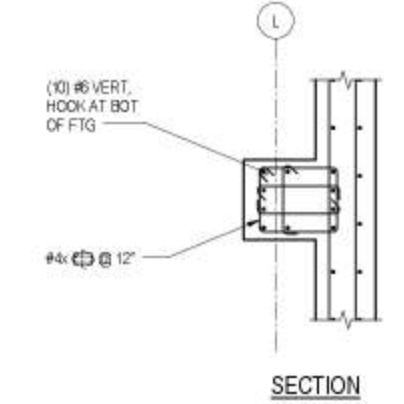
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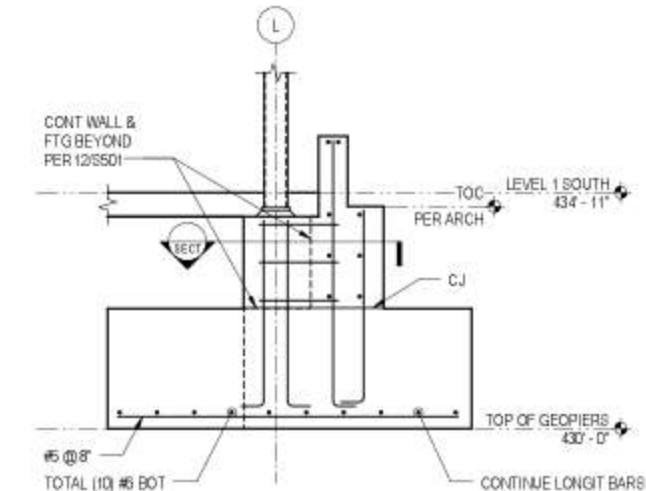
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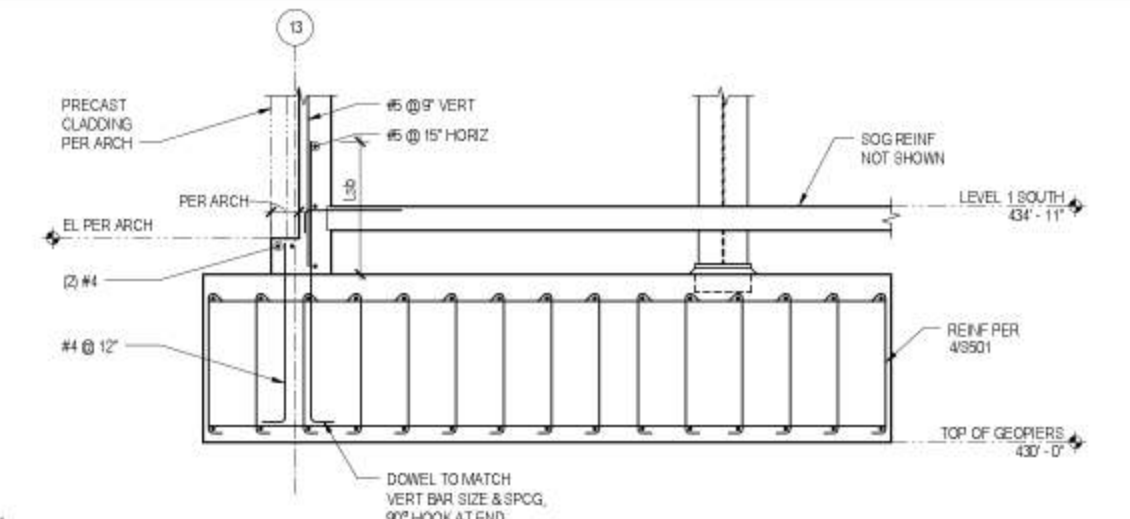
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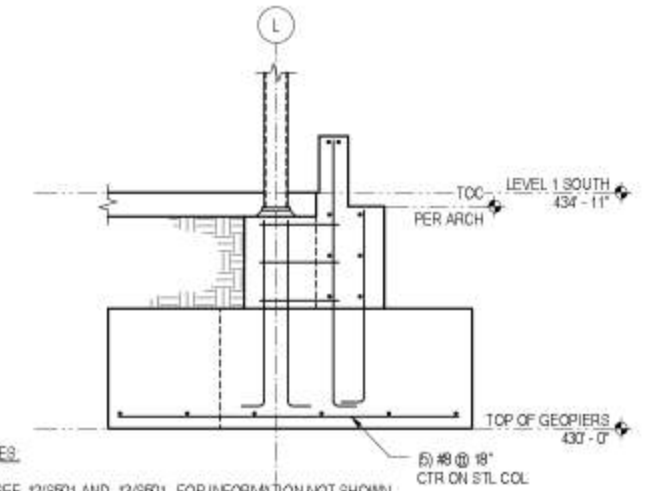
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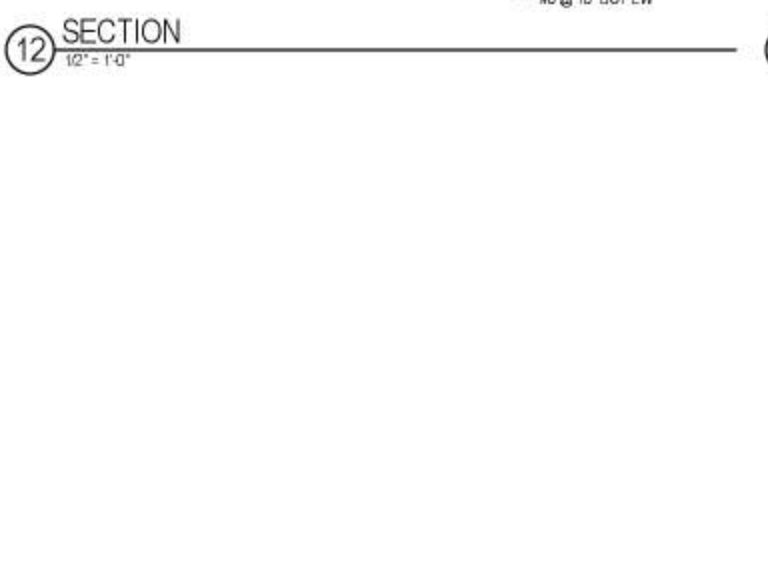
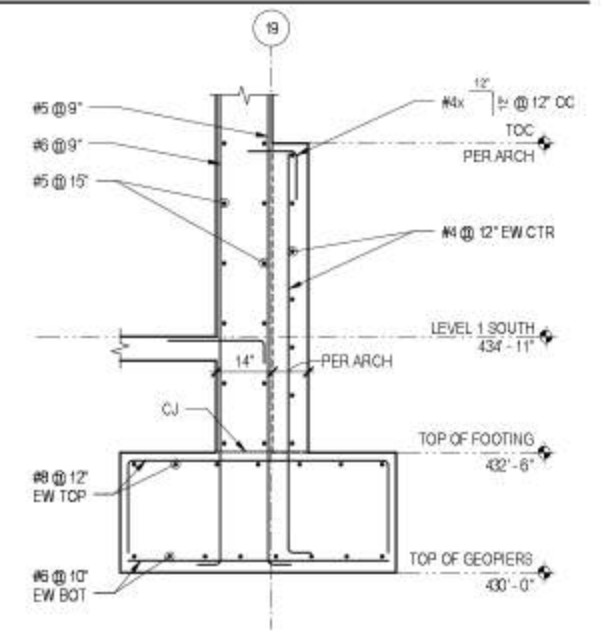
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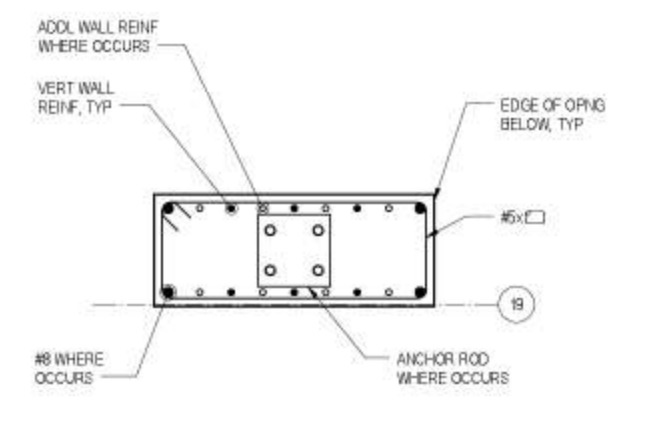
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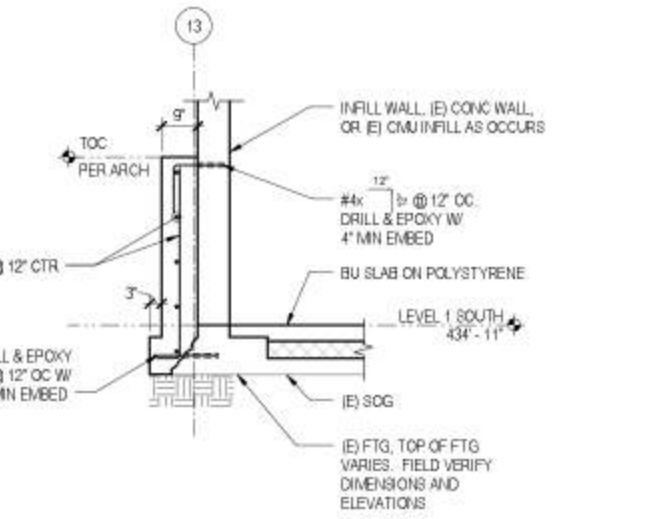
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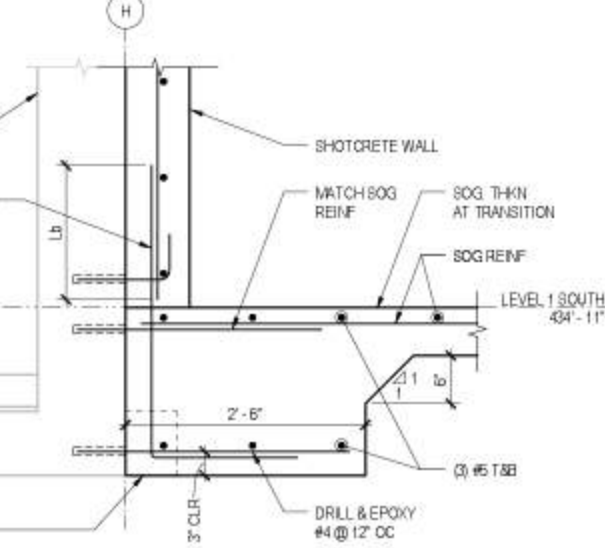
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1" = 1'-0"



19 SECTION
1/2" = 1'-0"



20 SECTION
1" = 1'-0"



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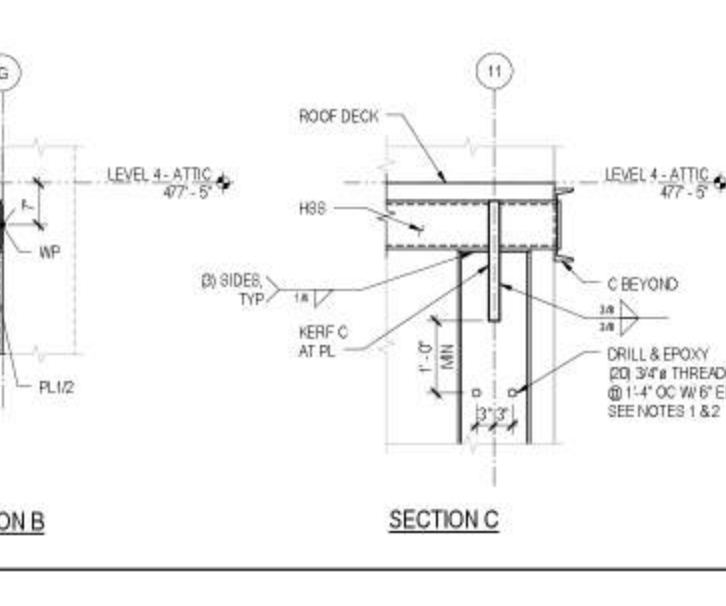
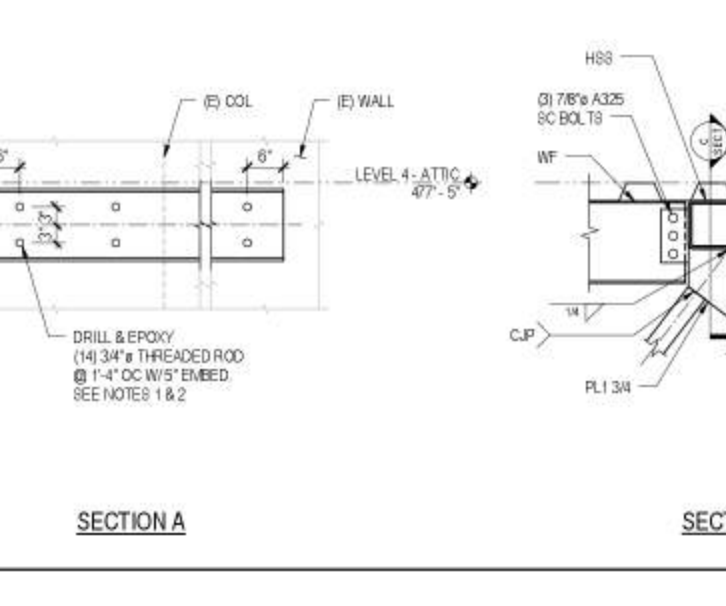
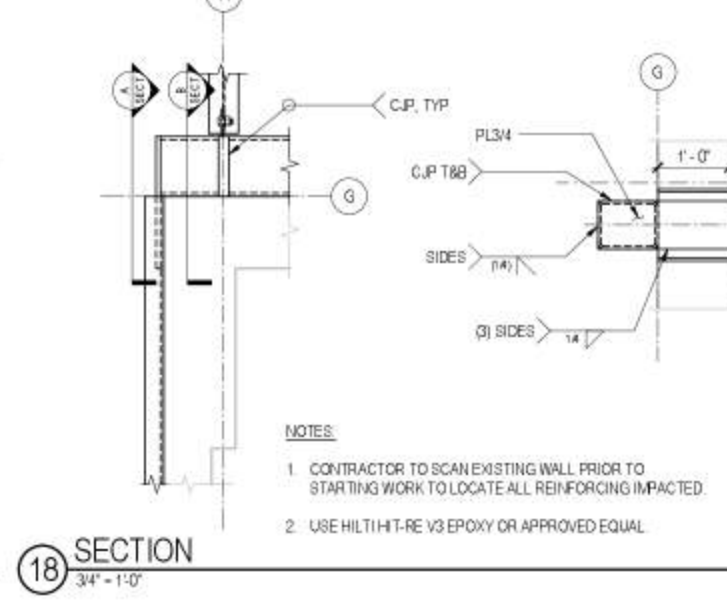
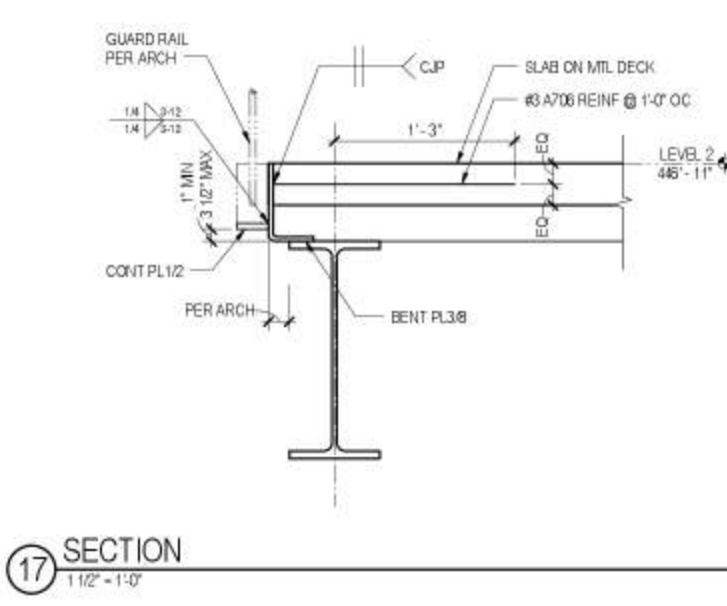
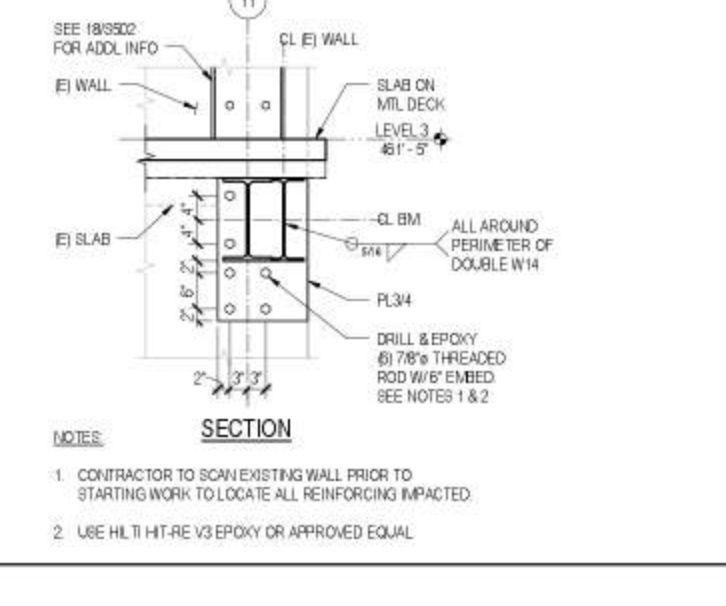
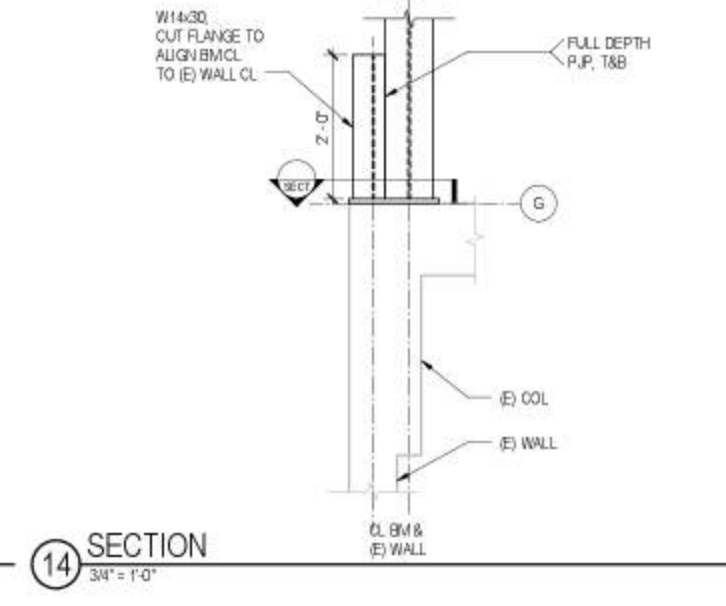
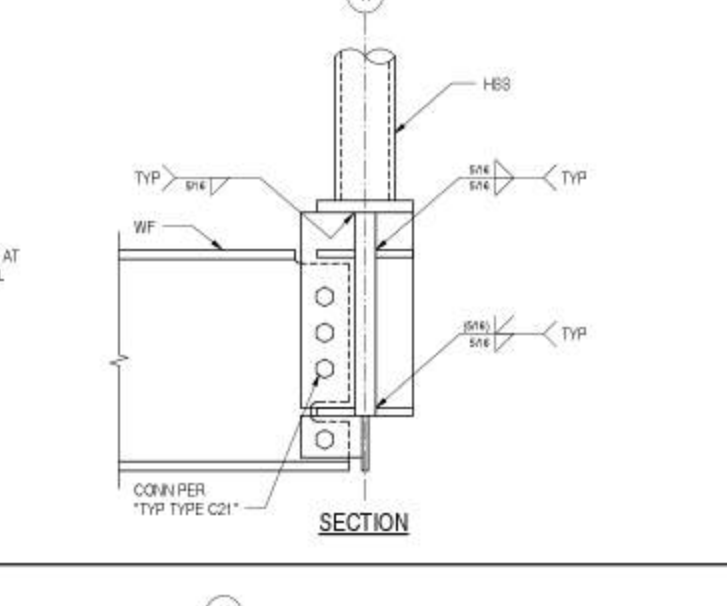
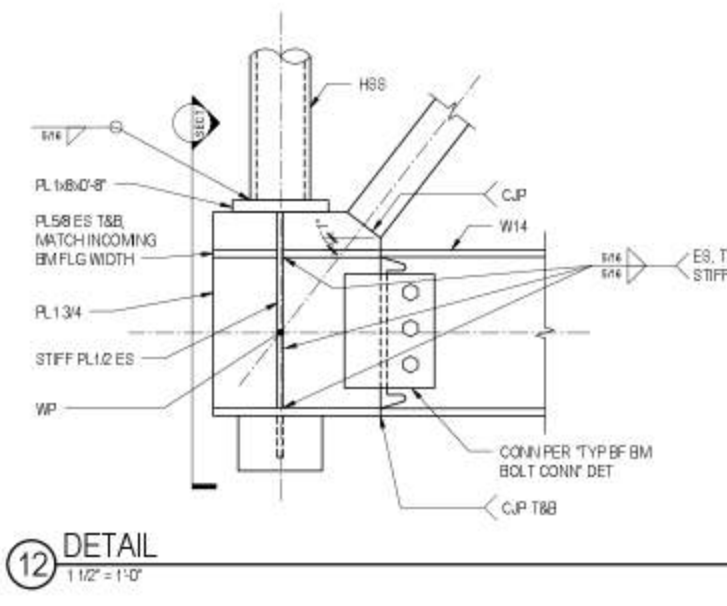
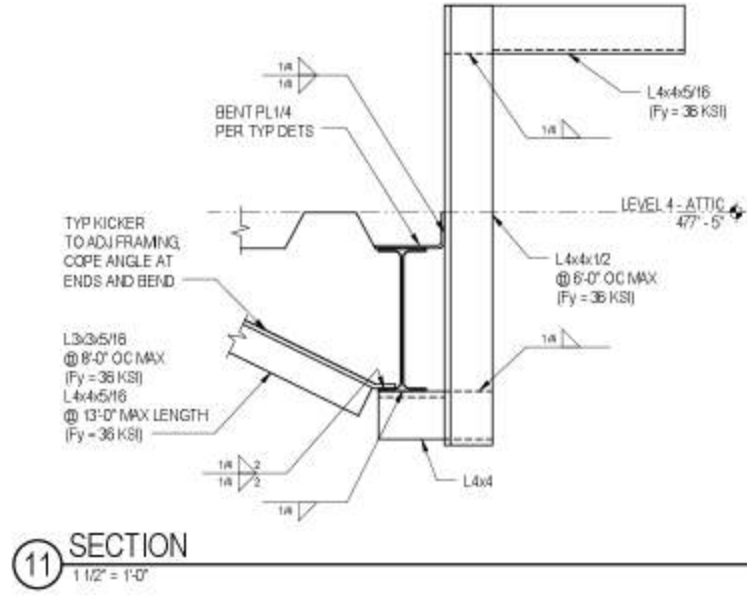
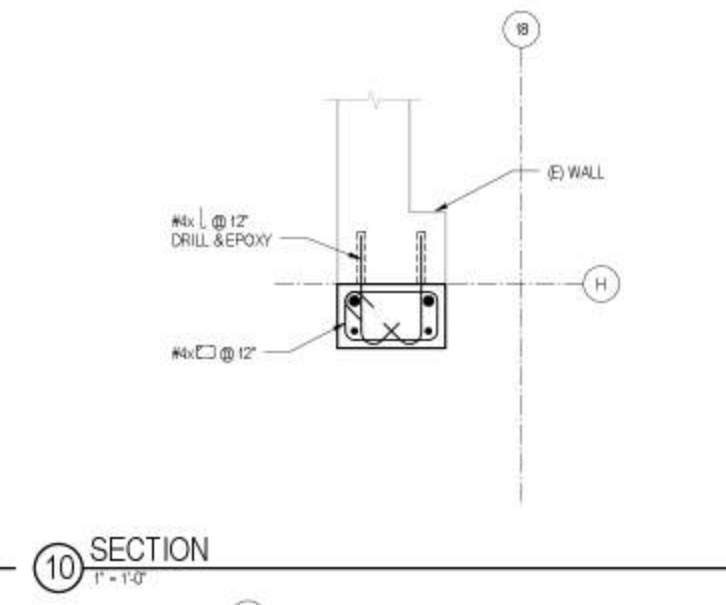
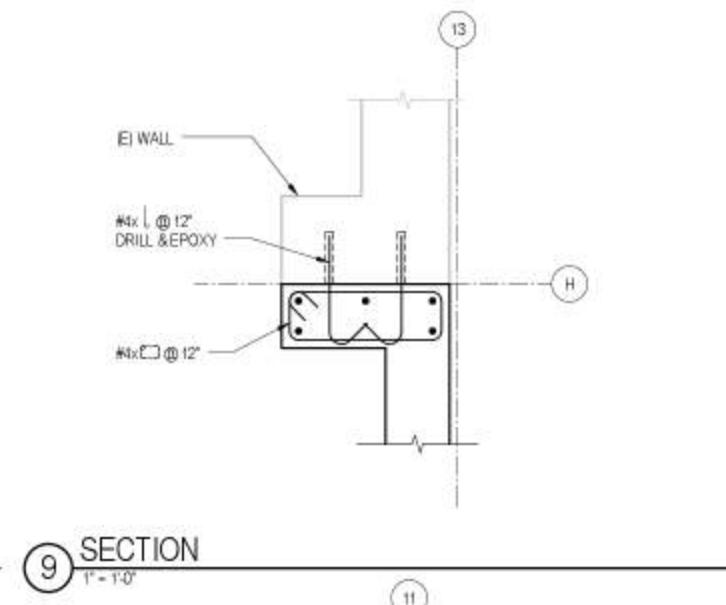
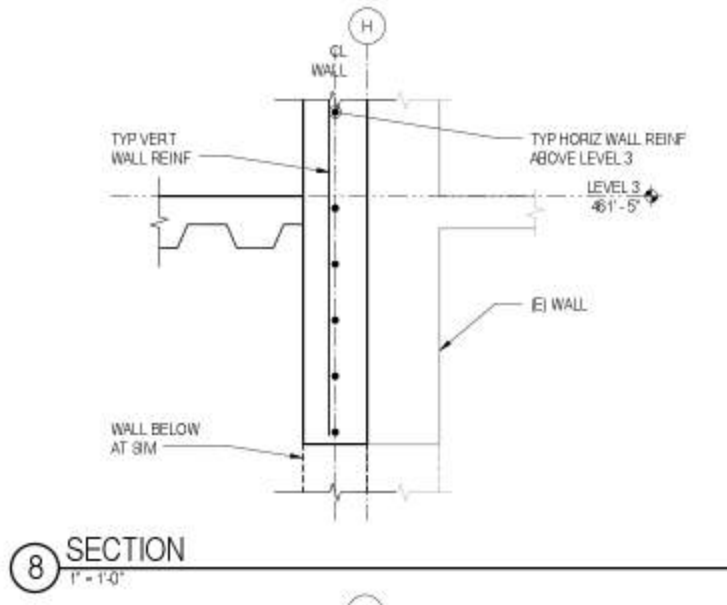
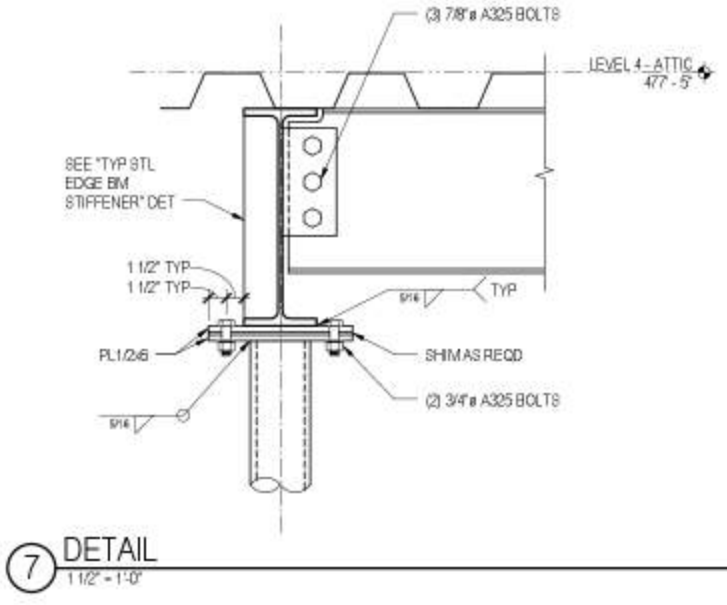
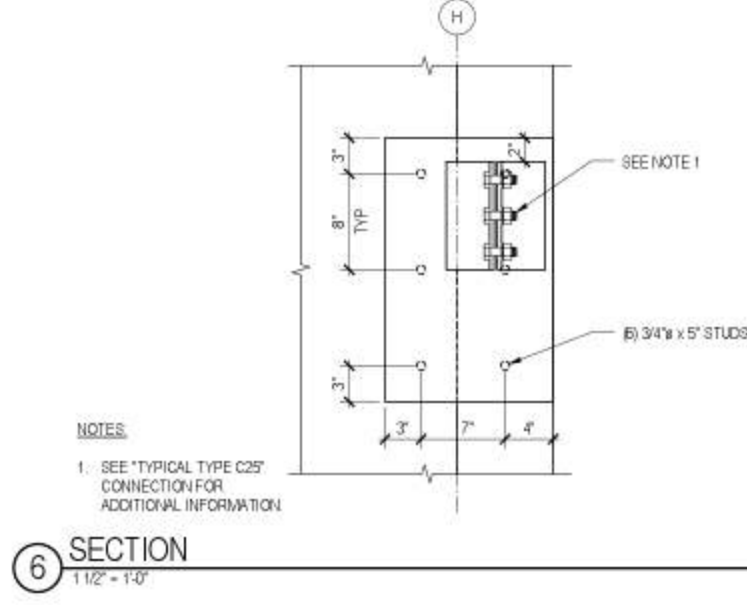
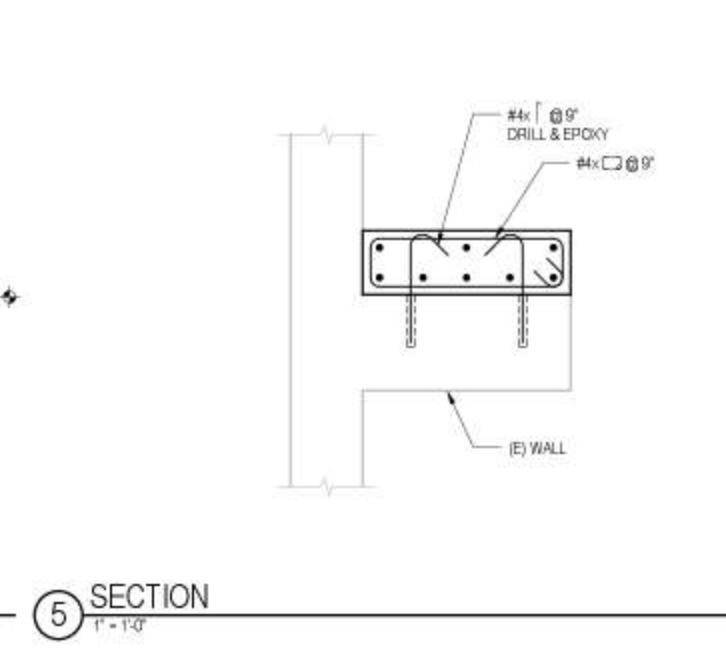
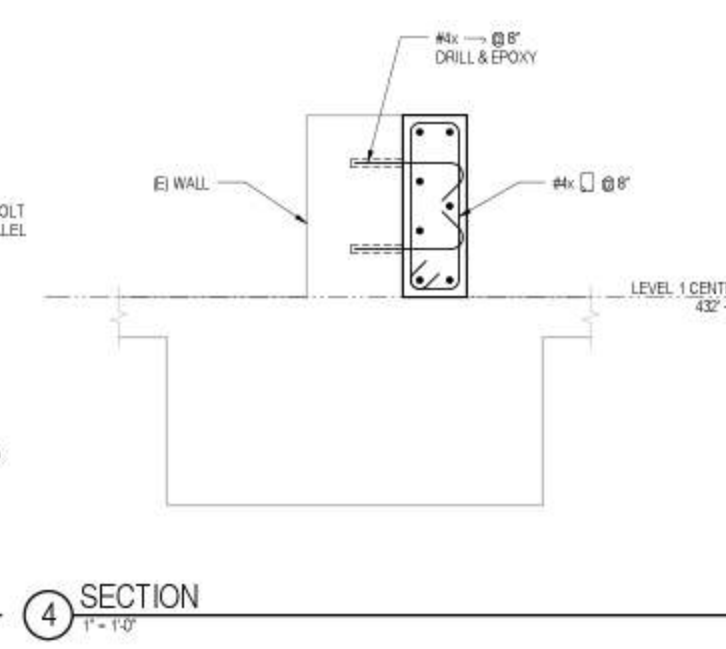
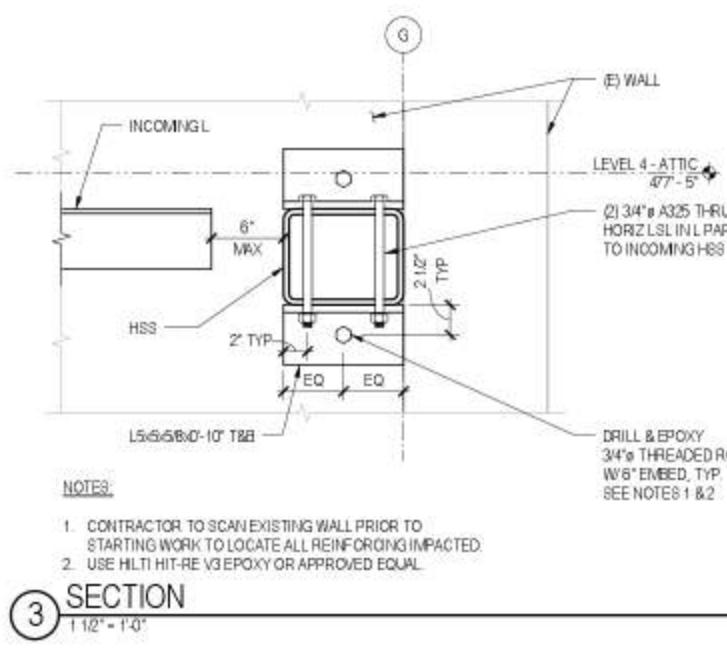
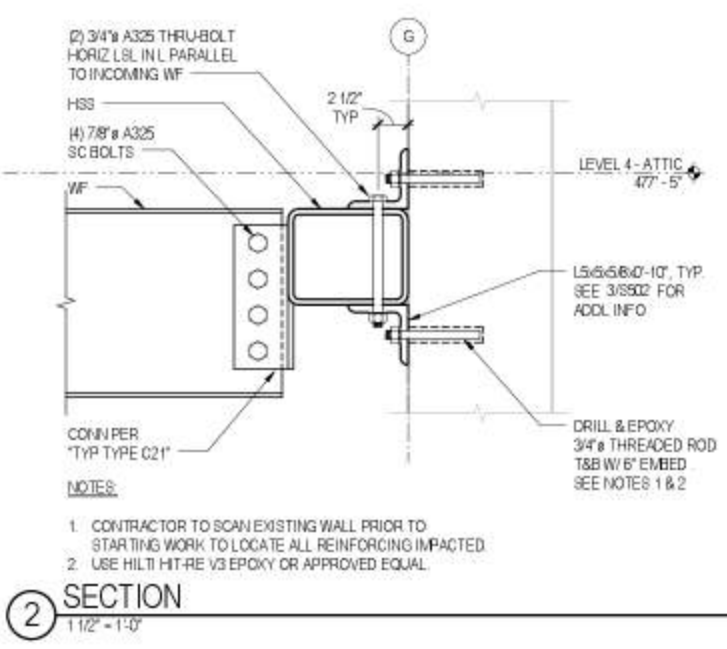
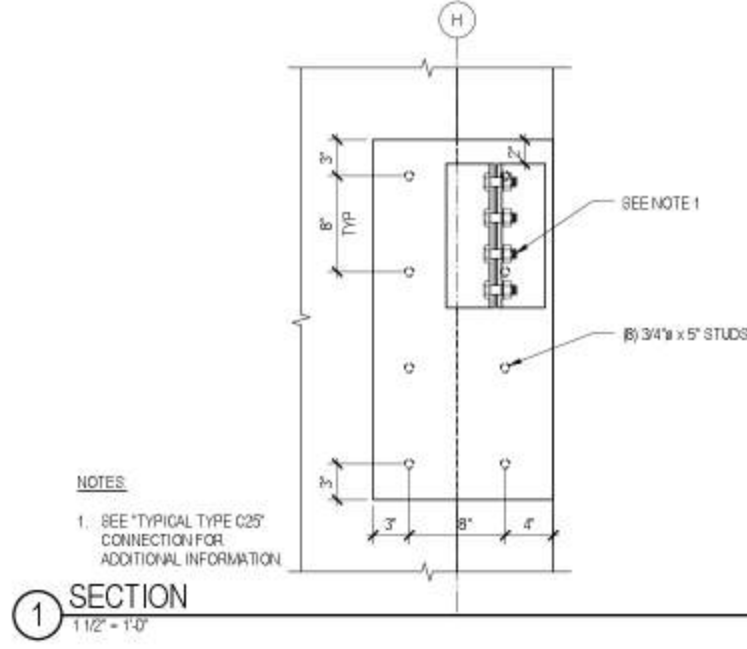
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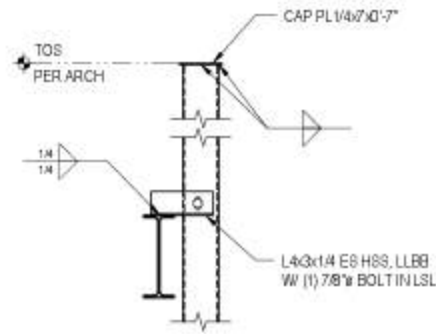
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Date: 6/23/2017

GALLERY EXPANSION SECTIONS AND DETAILS

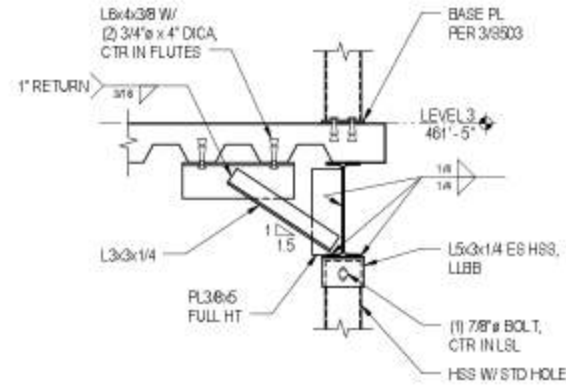
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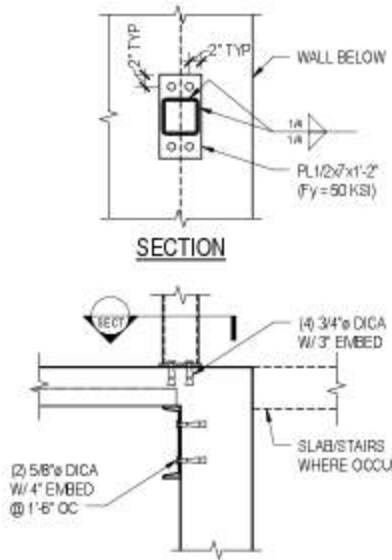
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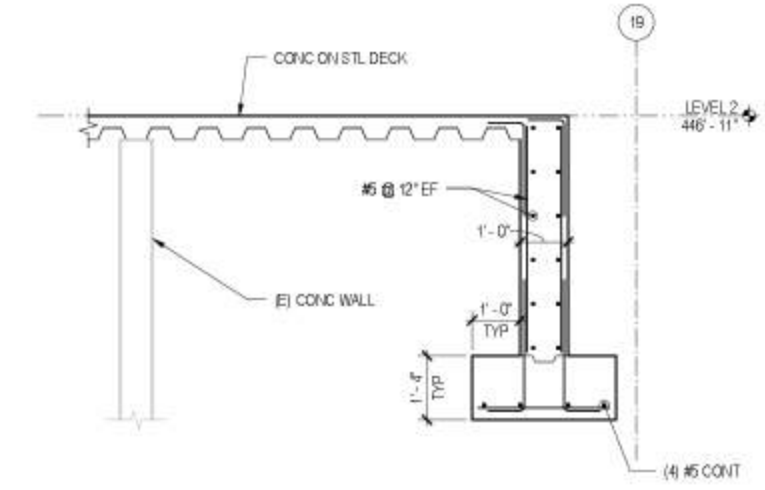
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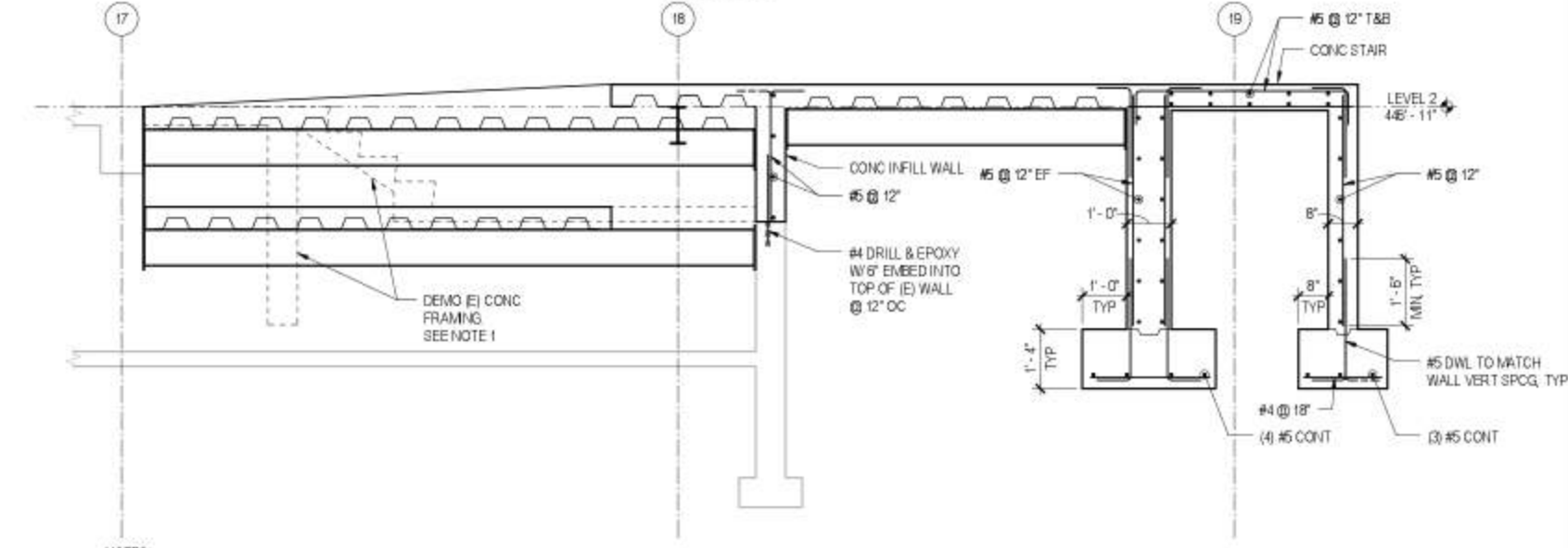
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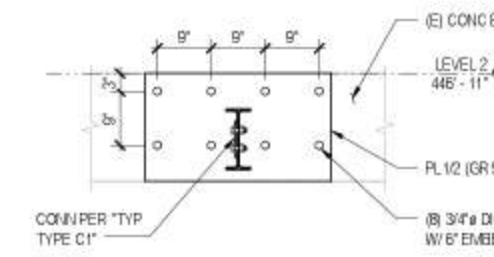


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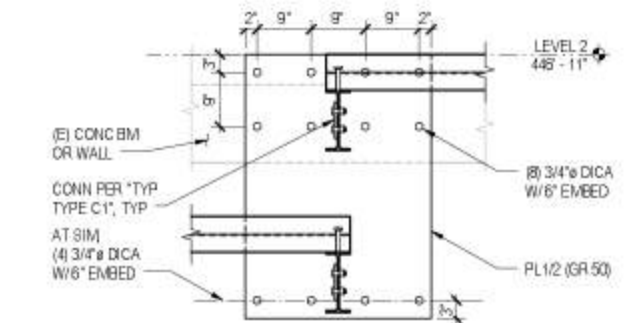


NOTES:
1 CONTRACTOR MAY ELECT TO ABANDON IN-PLACE FRAMING THAT WILL BE COVERED WITH THE NEW LEVEL 2 SLAB. DO NOT PARTIALLY DEMOLISH ELEMENTS IF STRUCTURAL CAPACITY IS COMPROMISED.

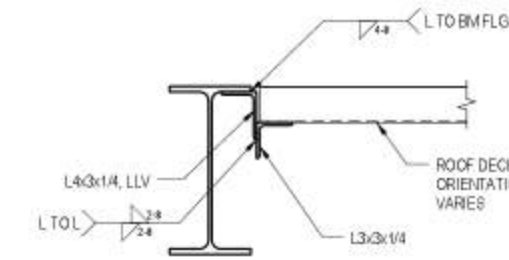
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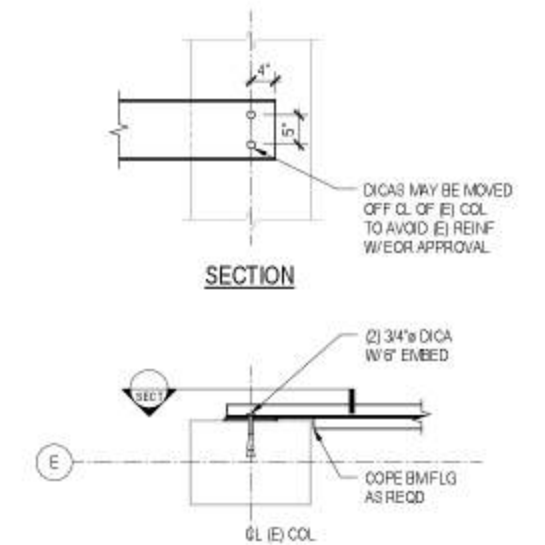
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15 SECTION
3/4" = 1'-0"



19 SECTION
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20 SECTION
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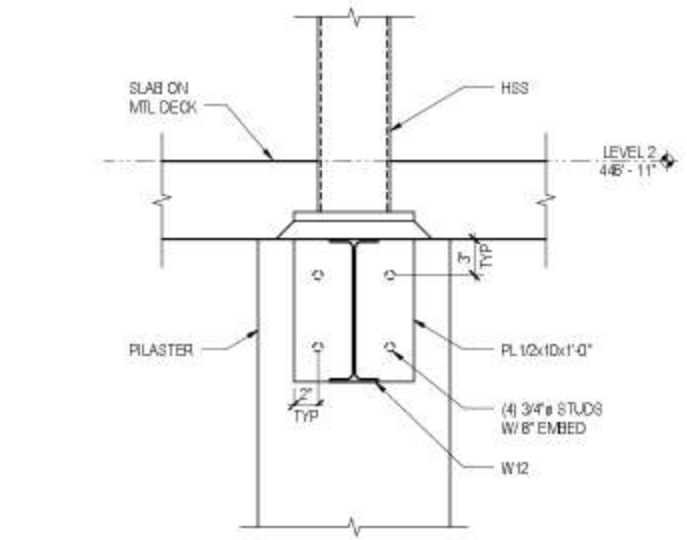
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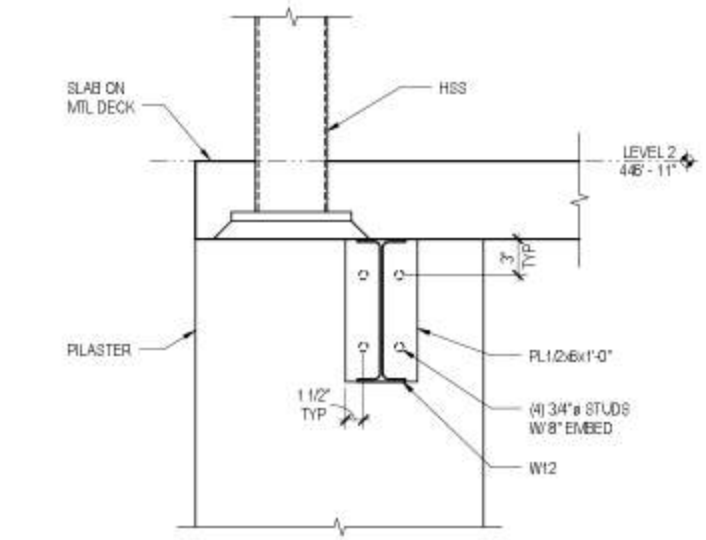
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Date: 6/23/2017

GALLERY EXPANSION SECTIONS AND DETAILS

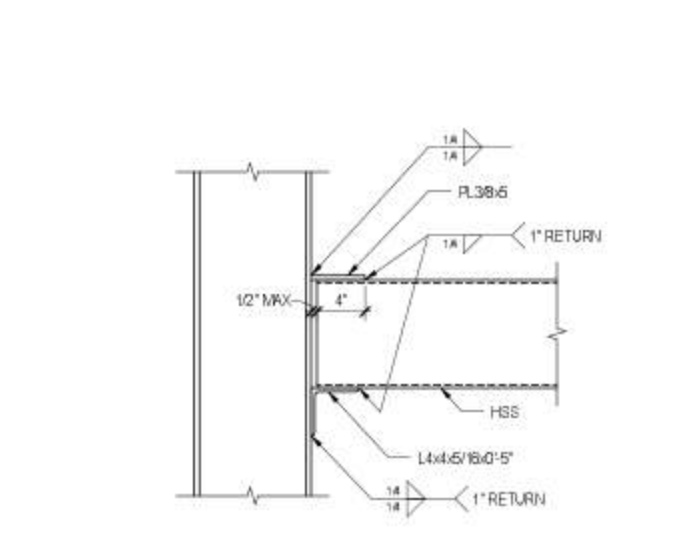
S503



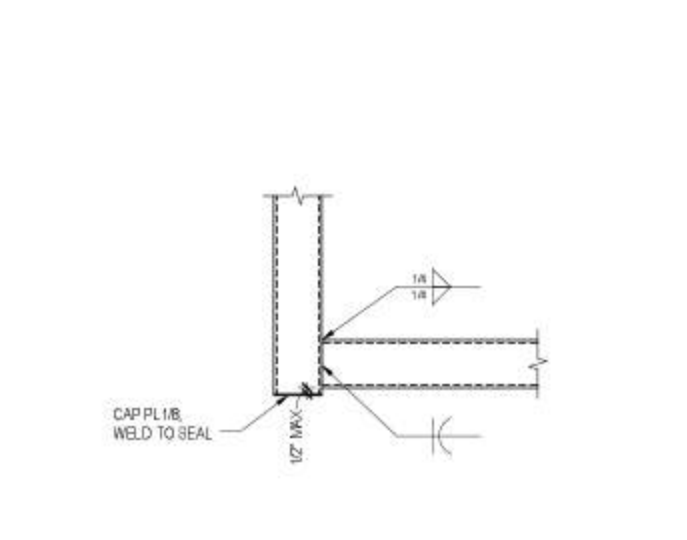
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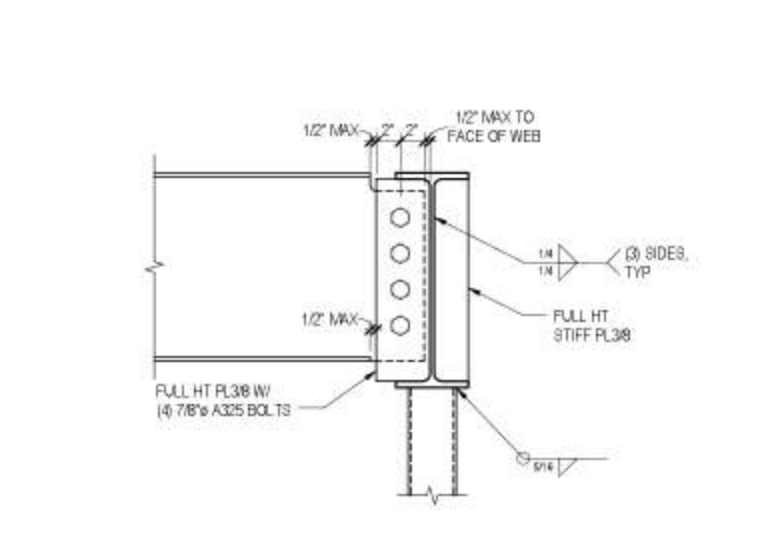
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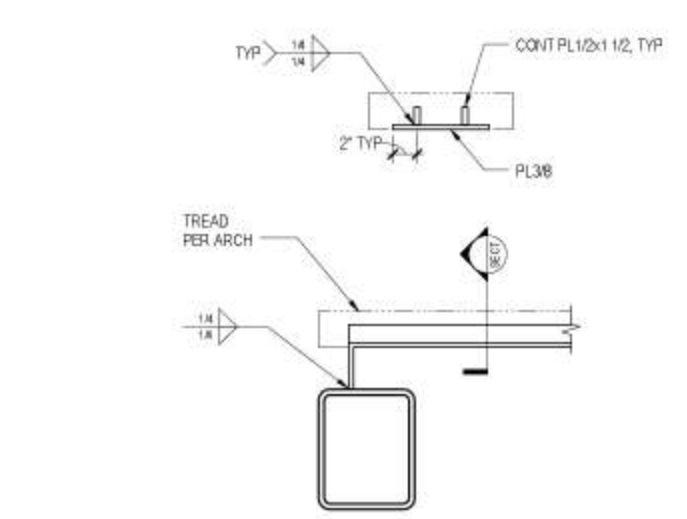
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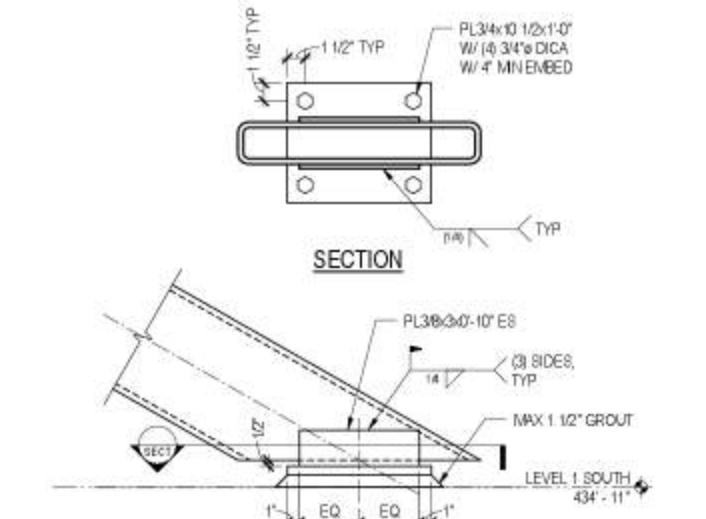
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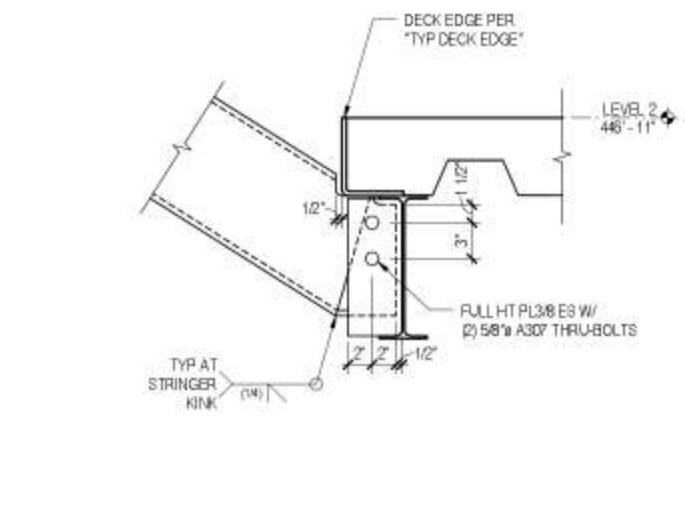
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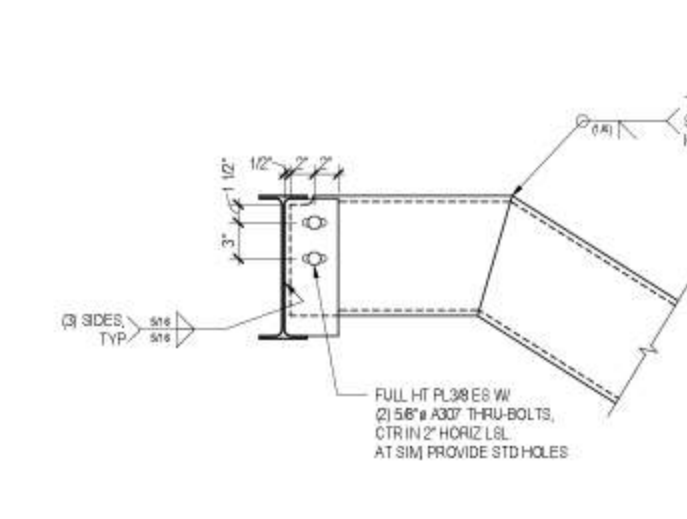
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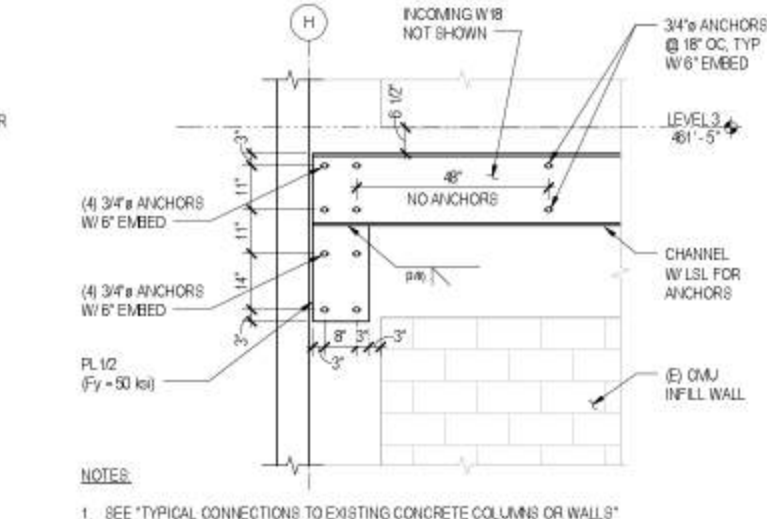
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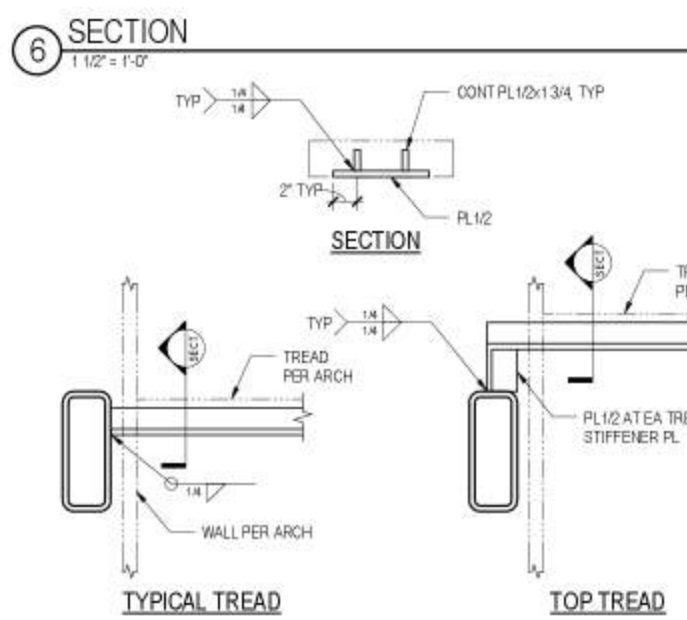
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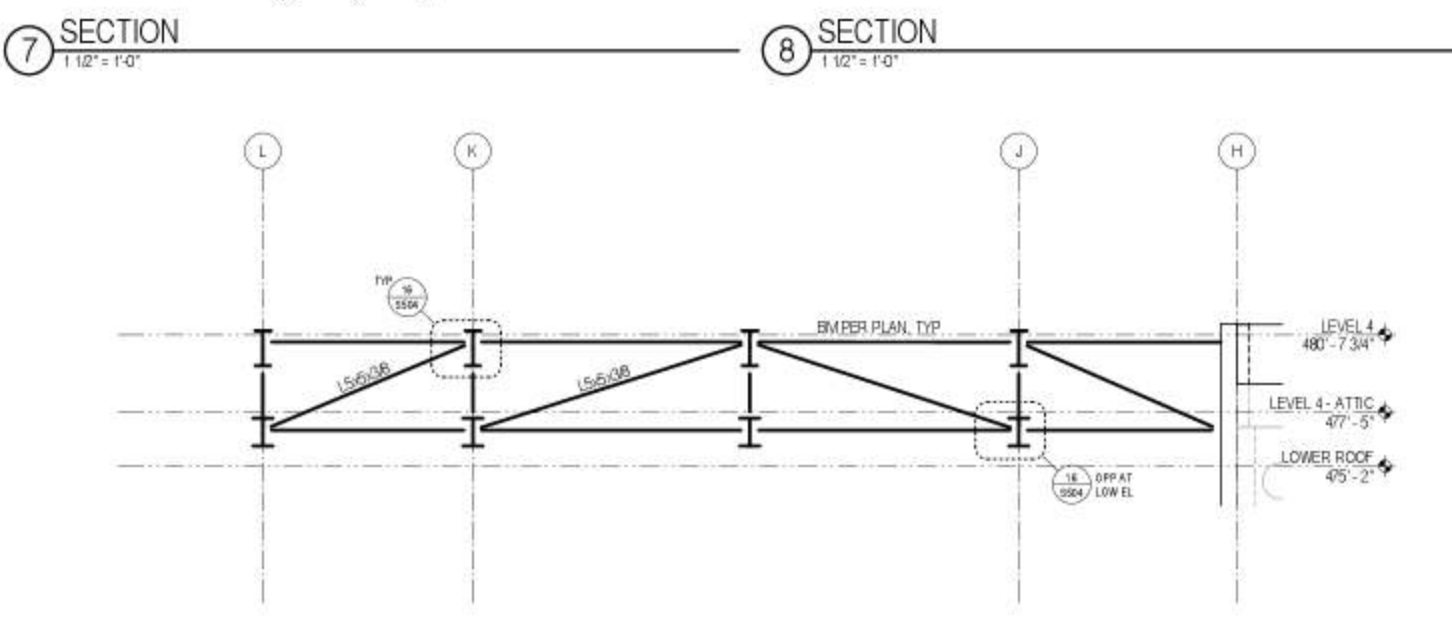
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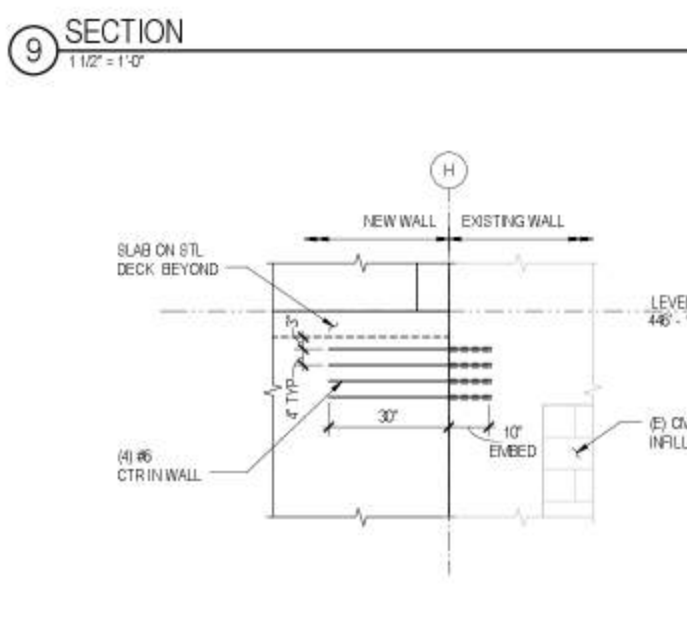
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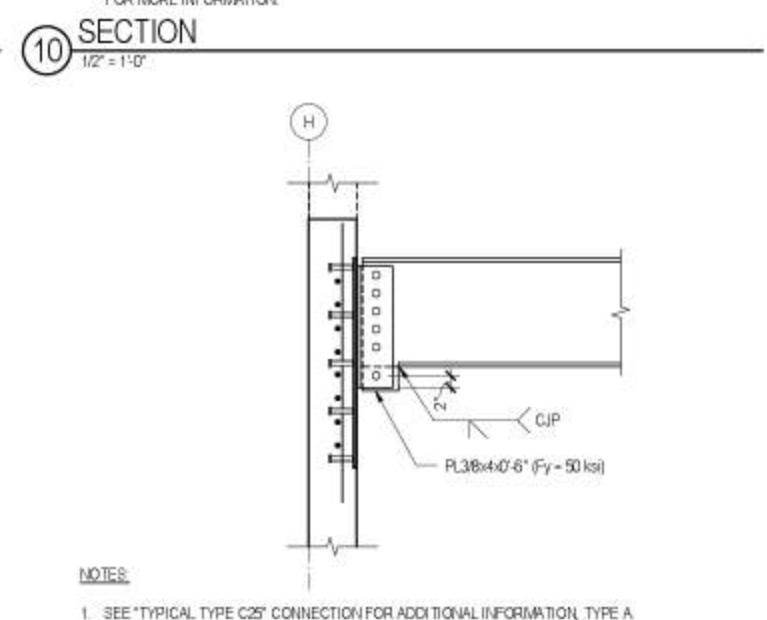
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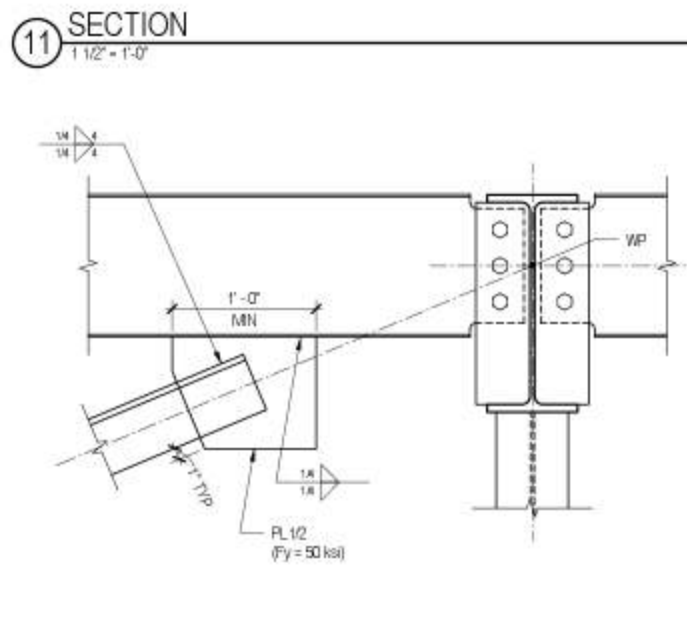
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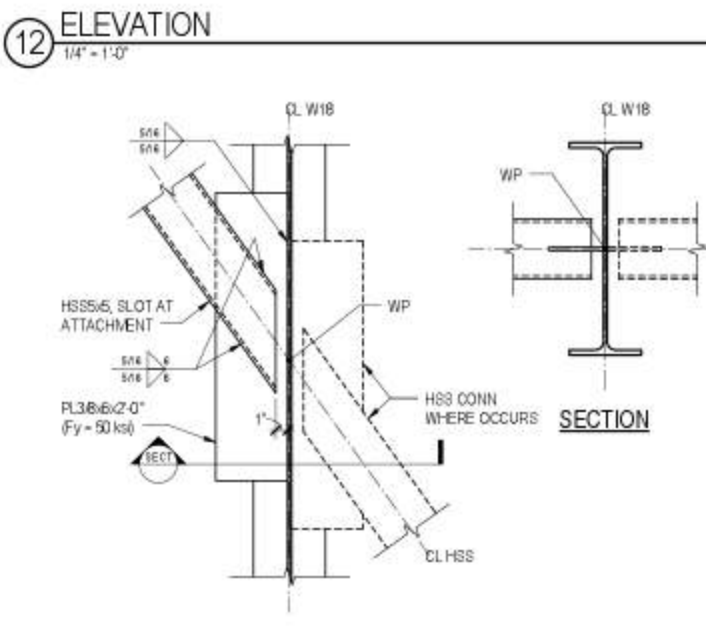
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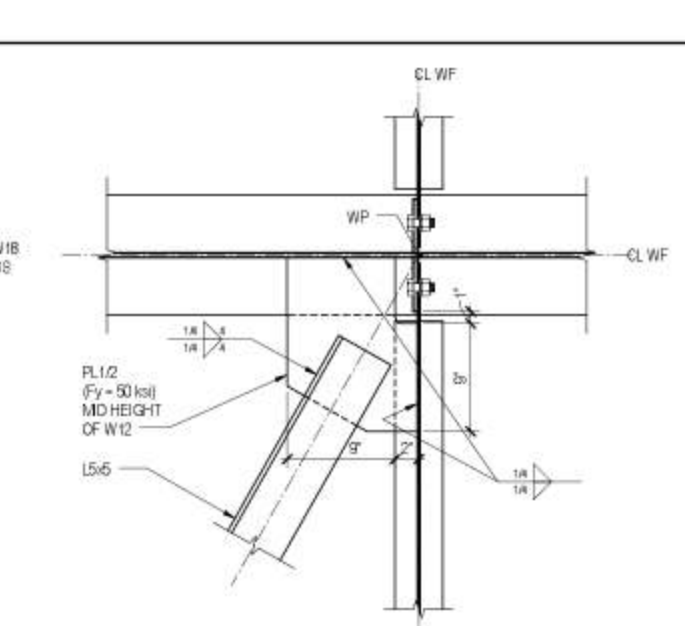
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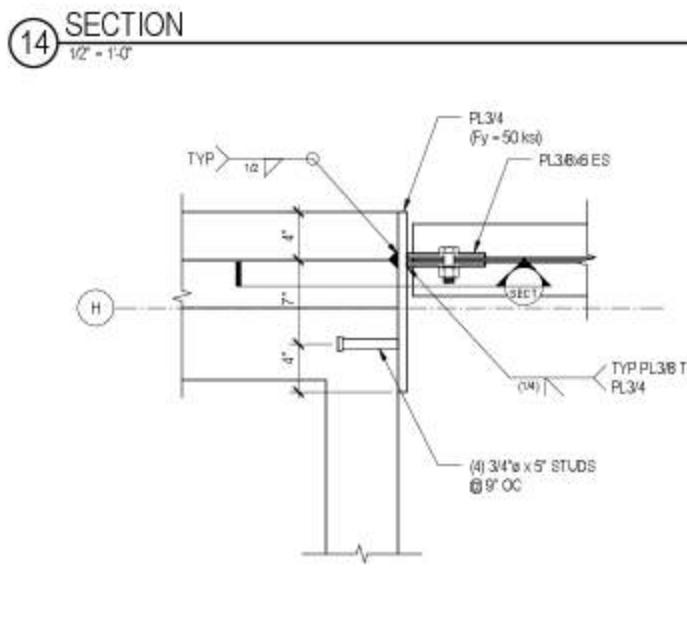
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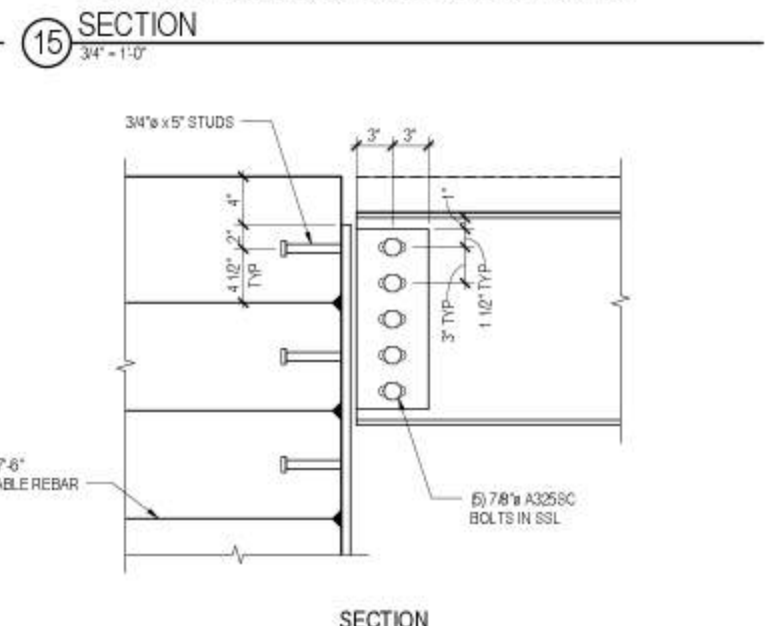
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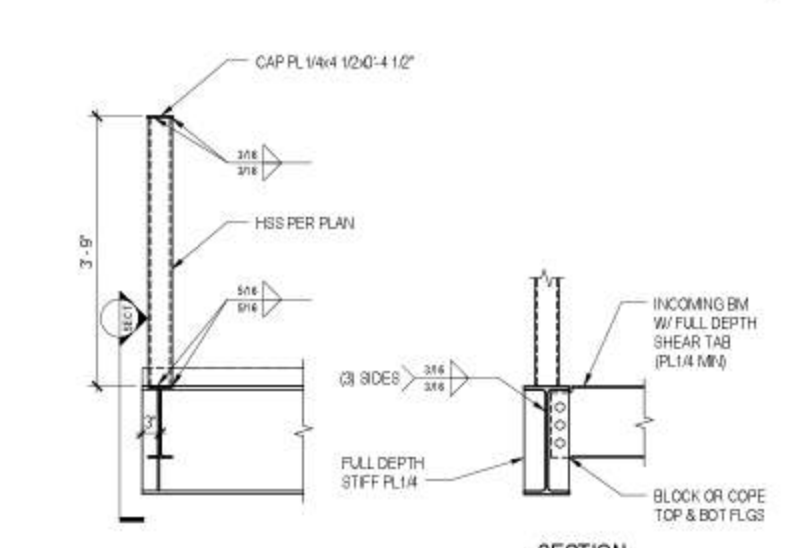
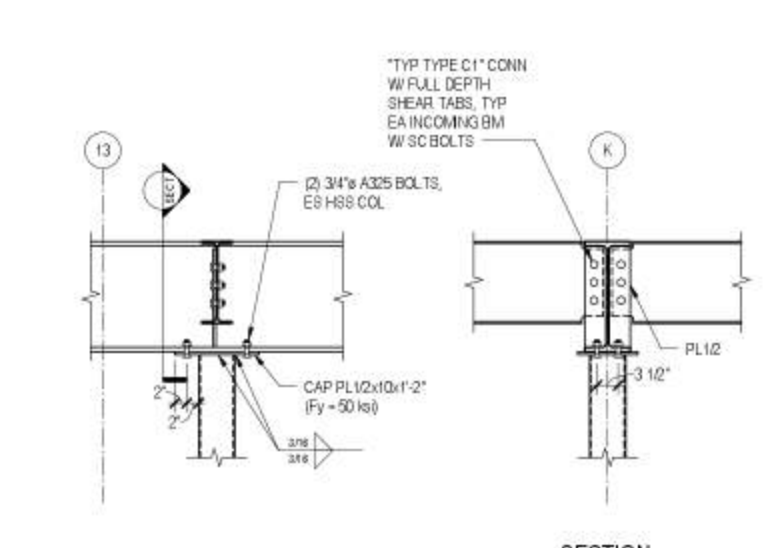
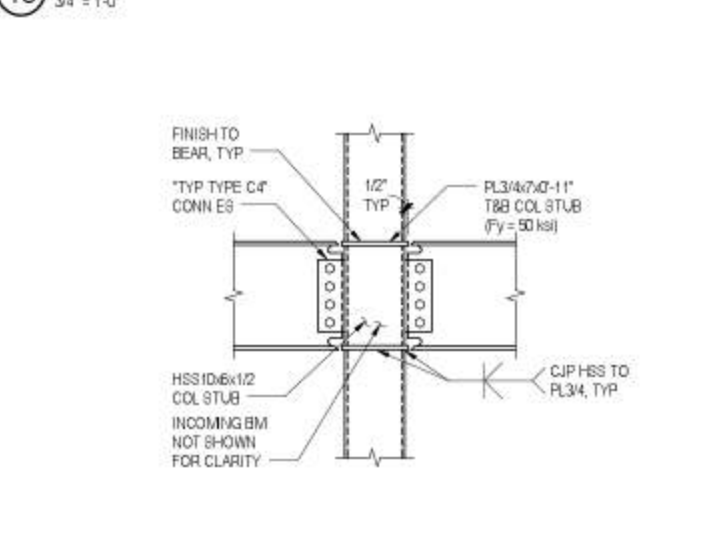
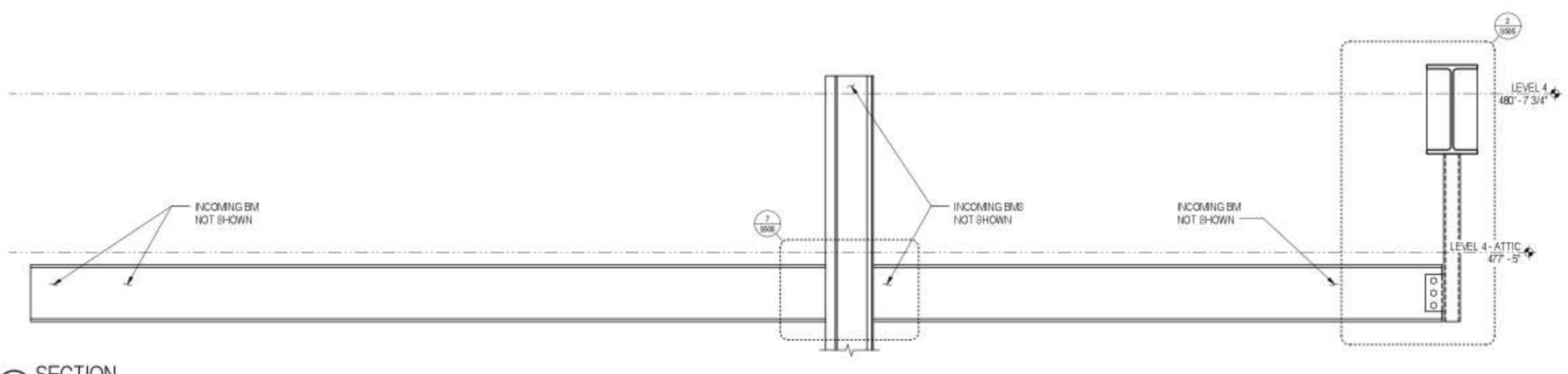
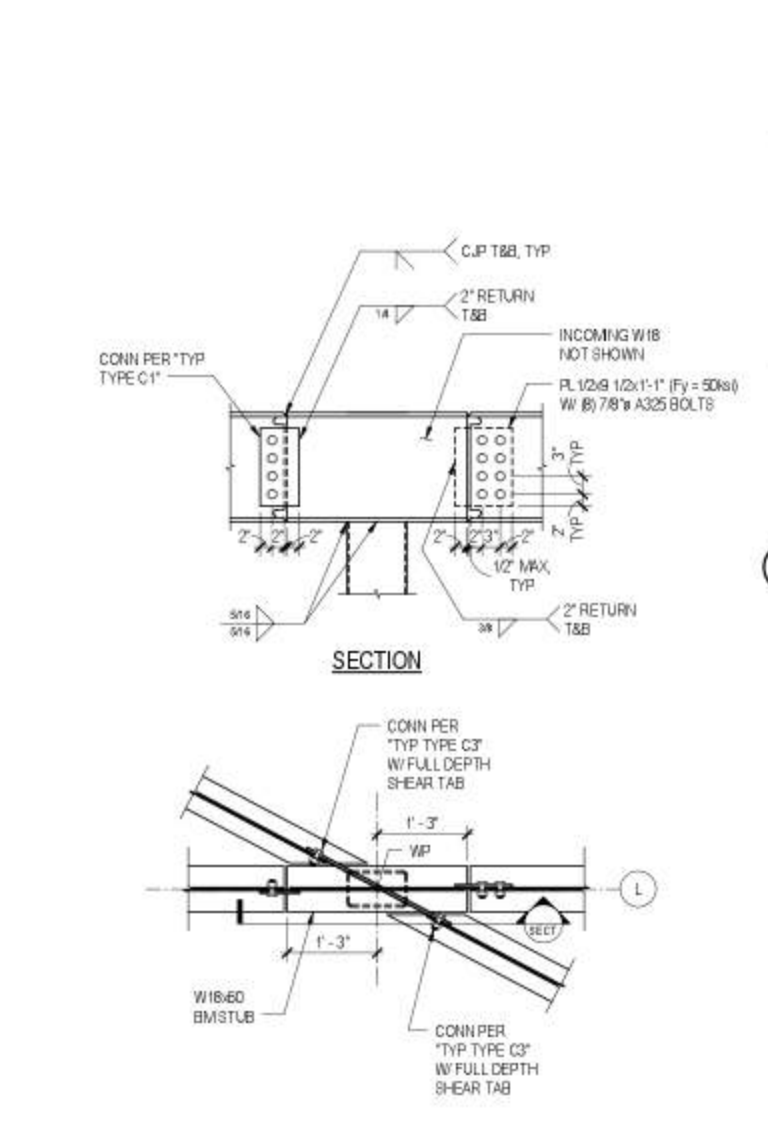
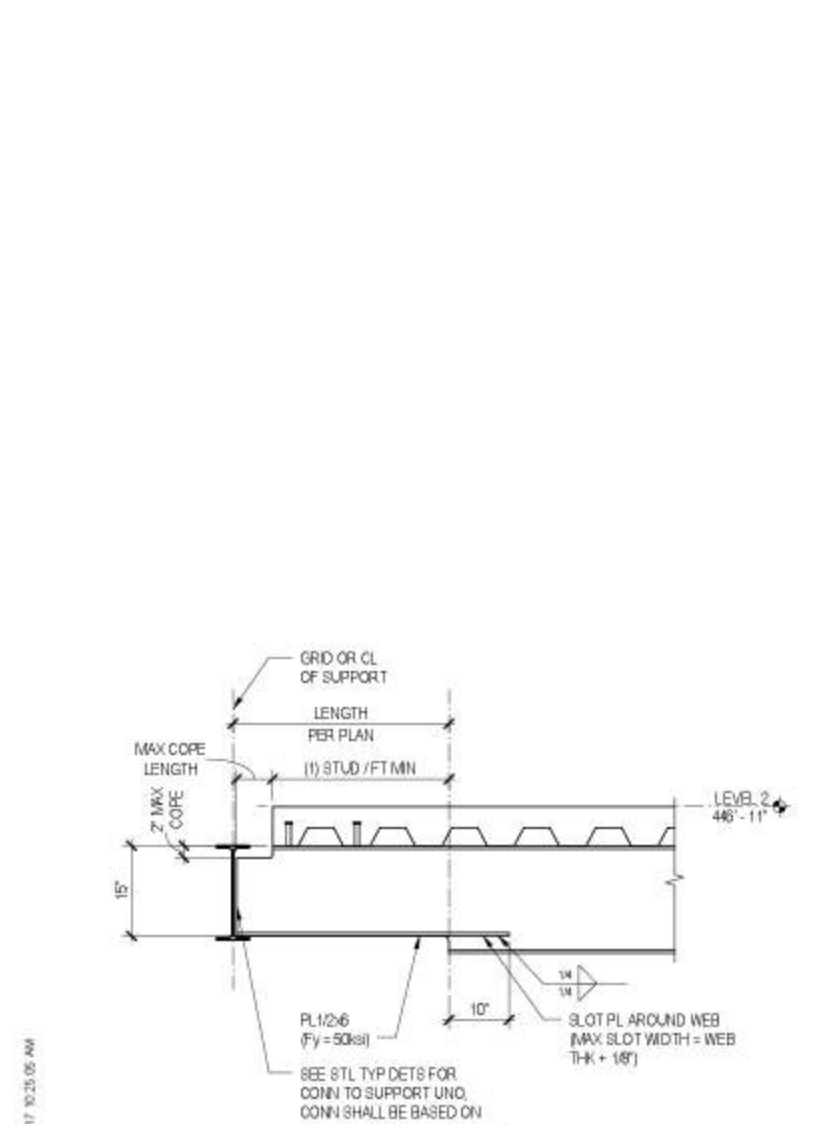
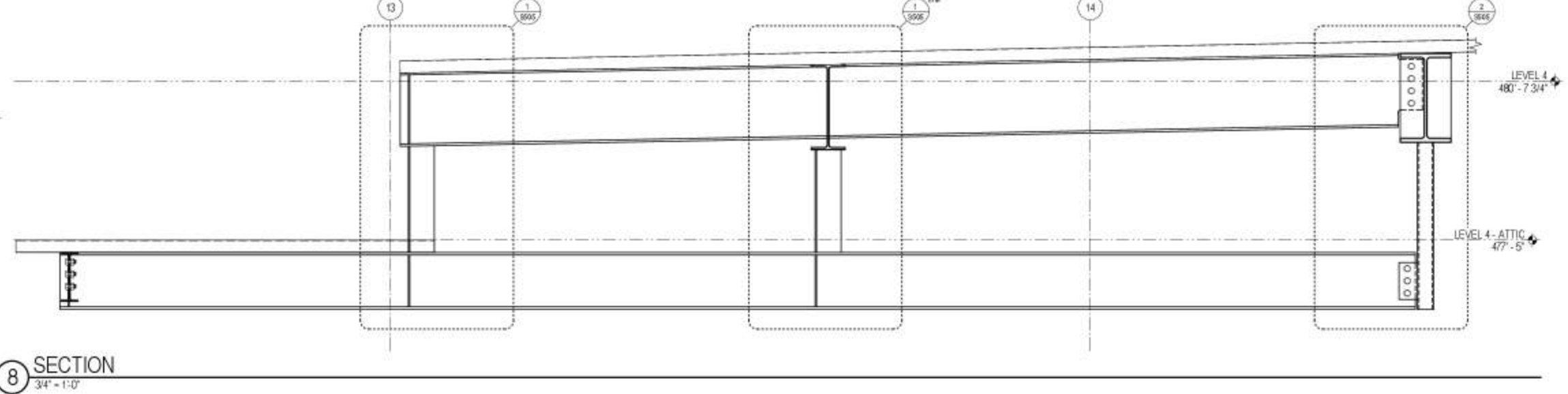
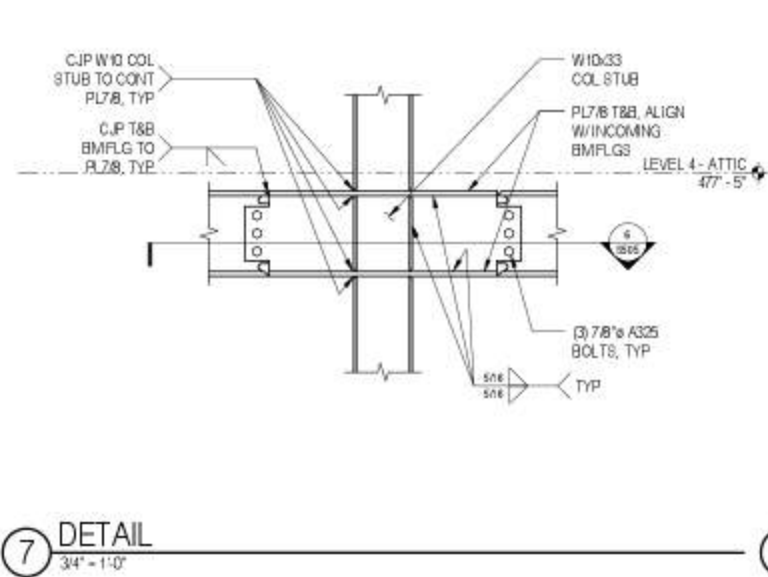
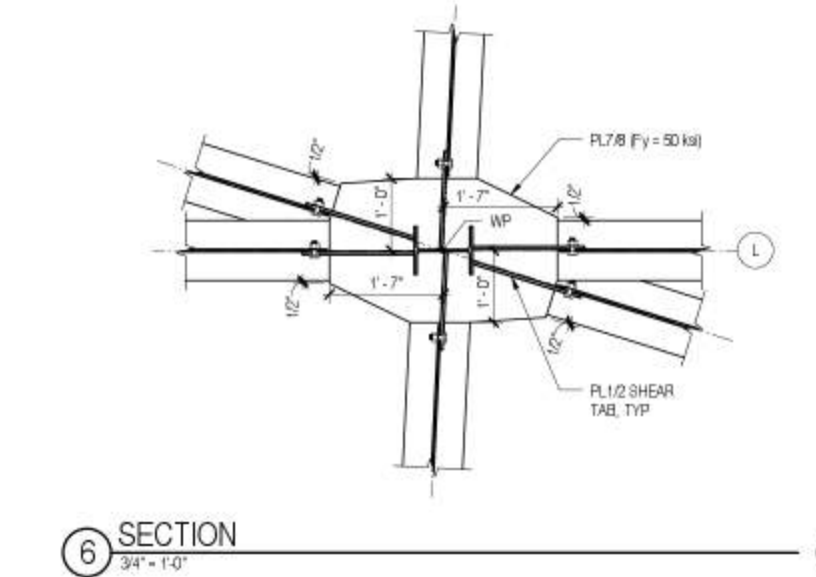
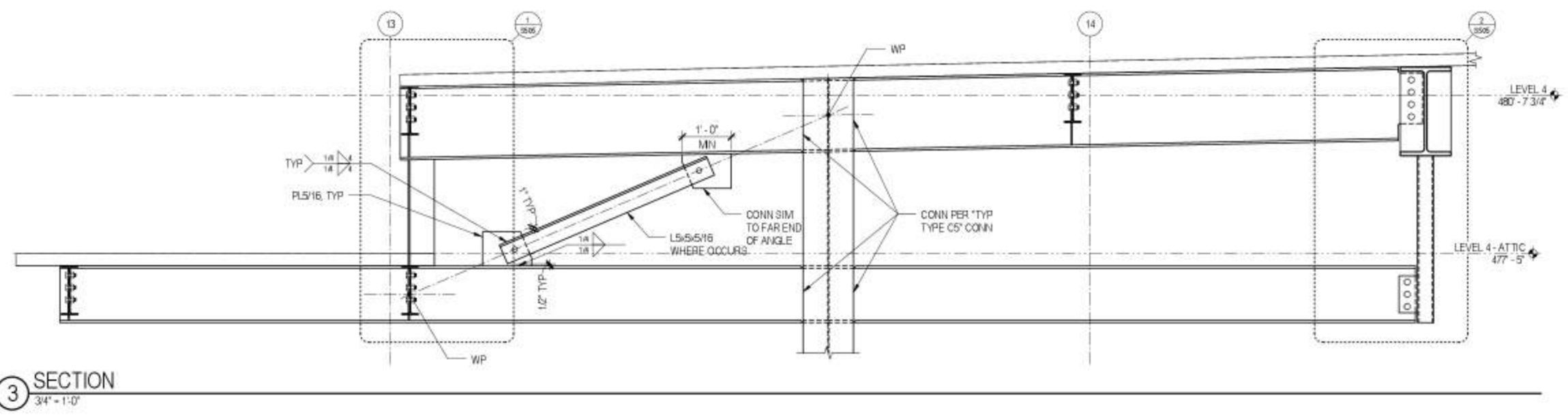
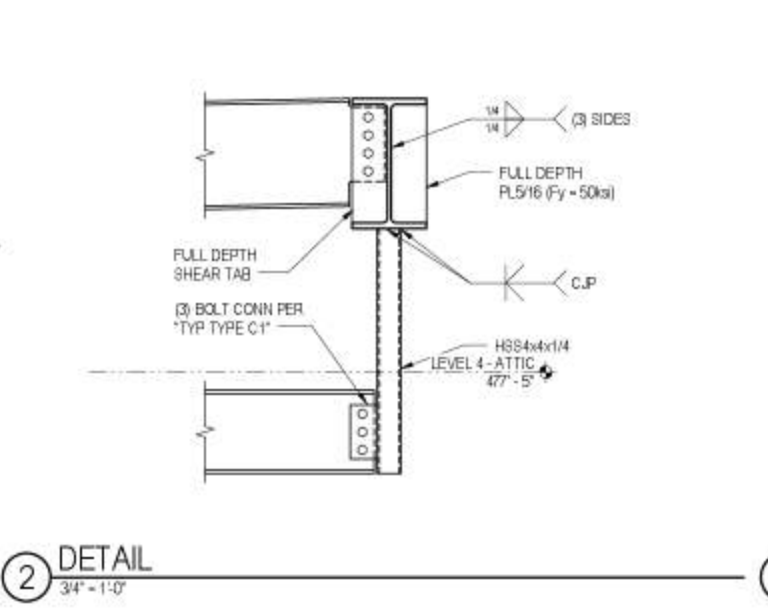
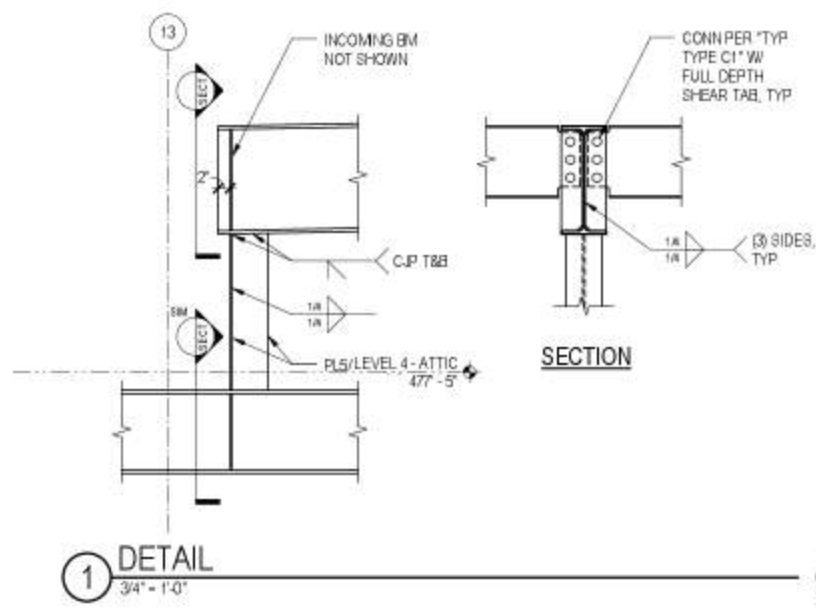


18 DETAIL
1 1/2" = 1'-0"



19 DETAIL
1 1/2" = 1'-0"





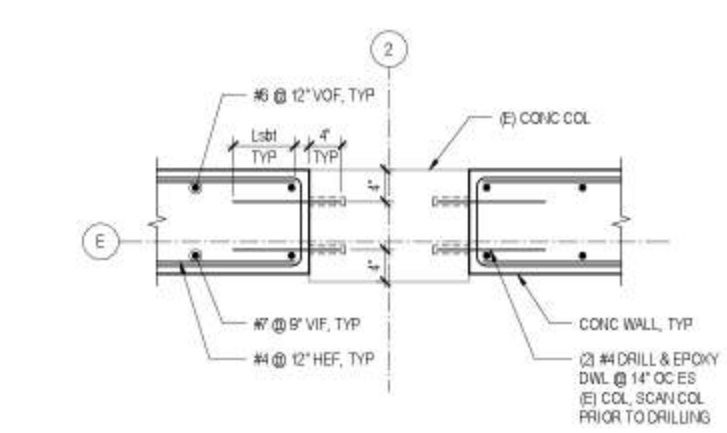
16 SECTION 3/4" = 1'-0"

17 DETAIL 3/4" = 1'-0"

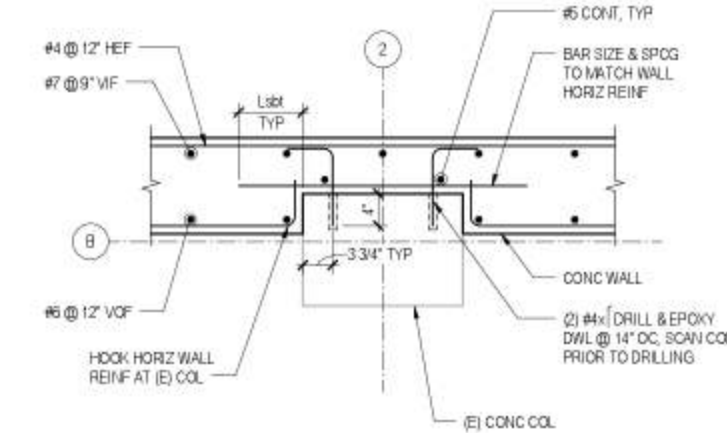
18 SECTION 3/4" = 1'-0"

19 SECTION 3/4" = 1'-0"

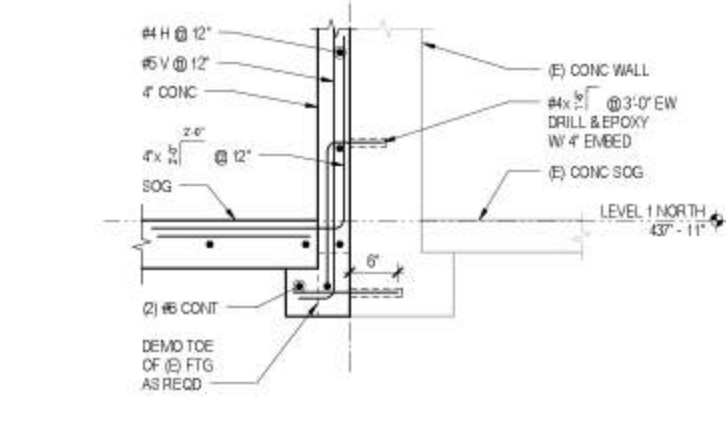
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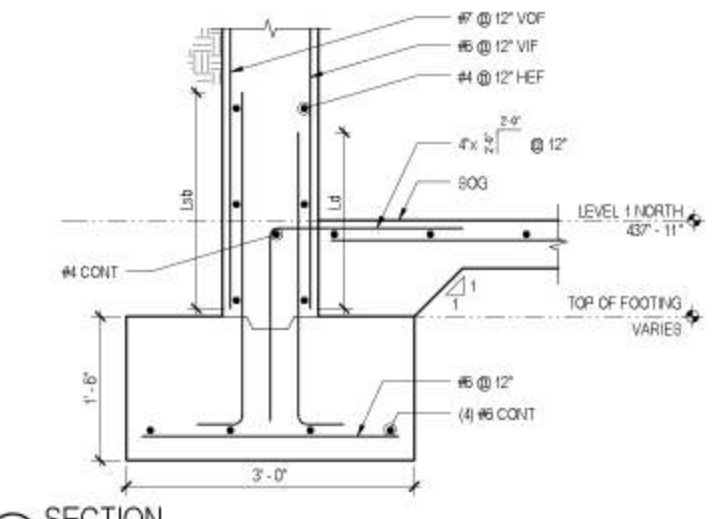
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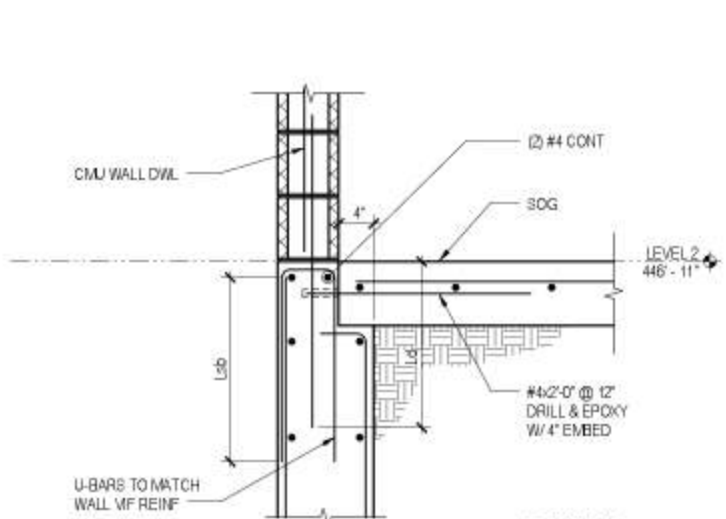
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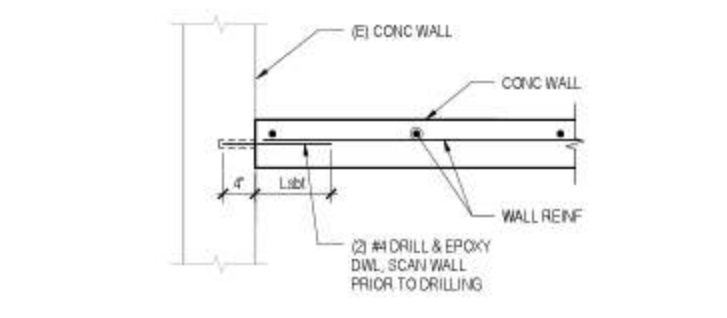
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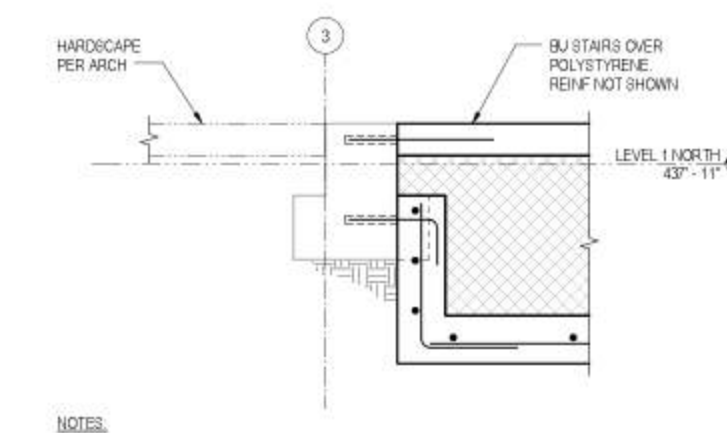
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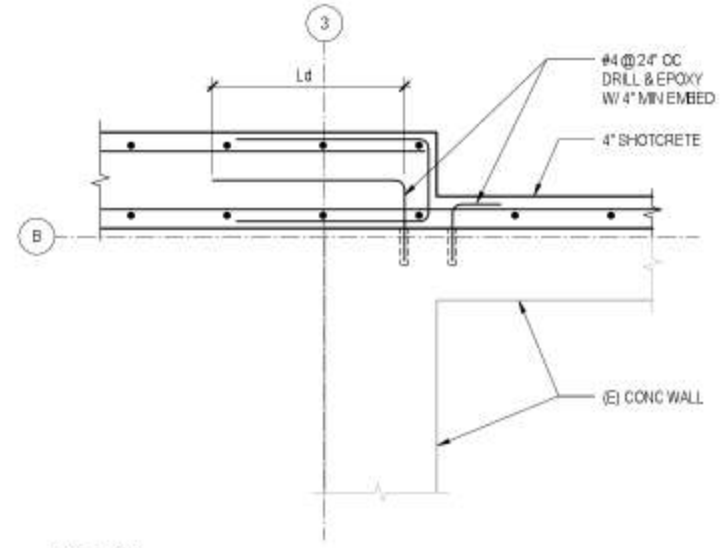
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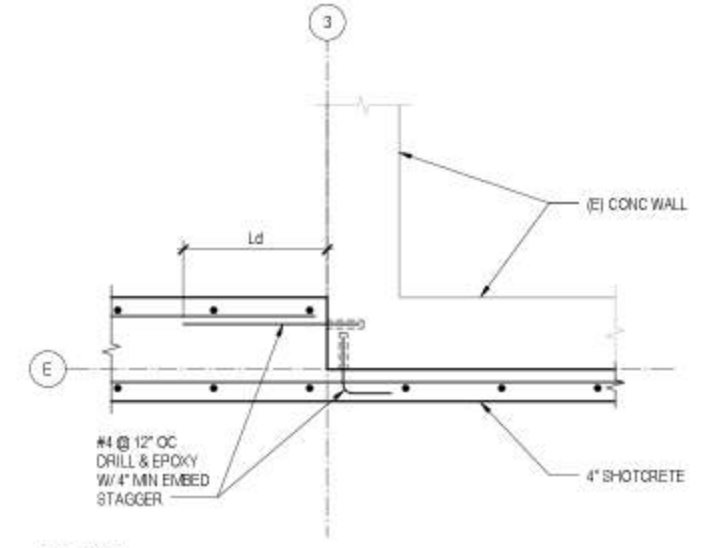
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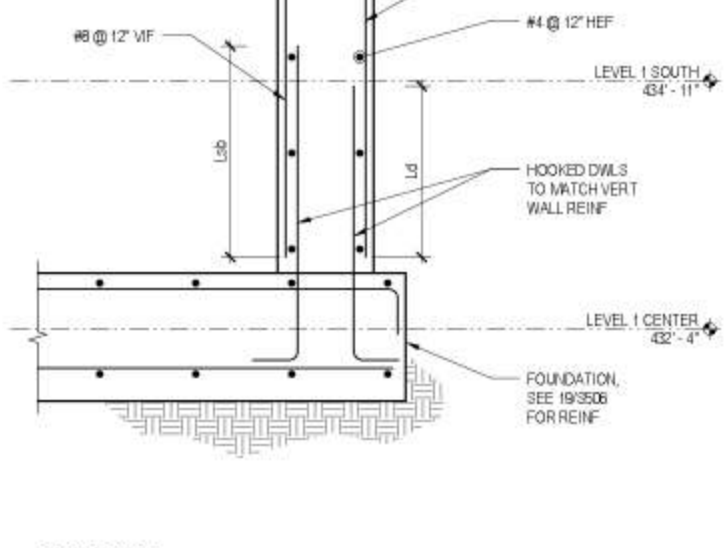
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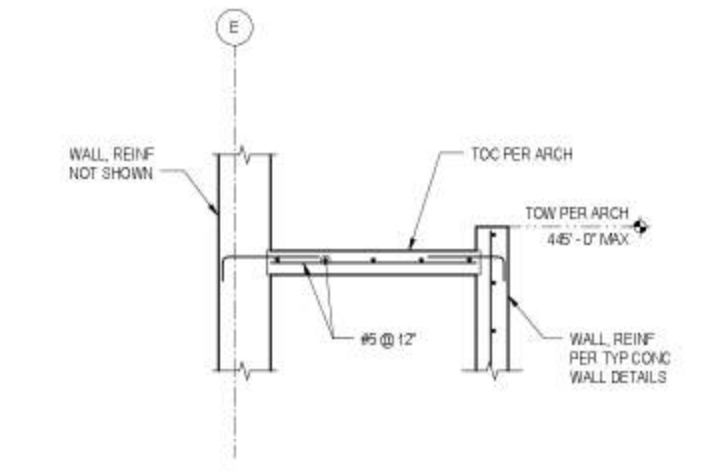
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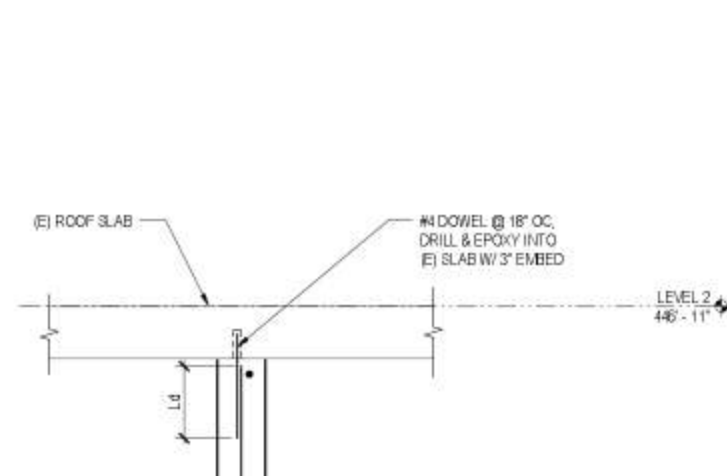
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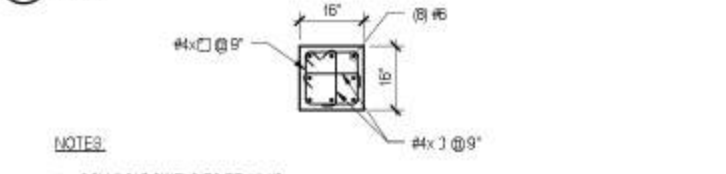
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11 SECTION
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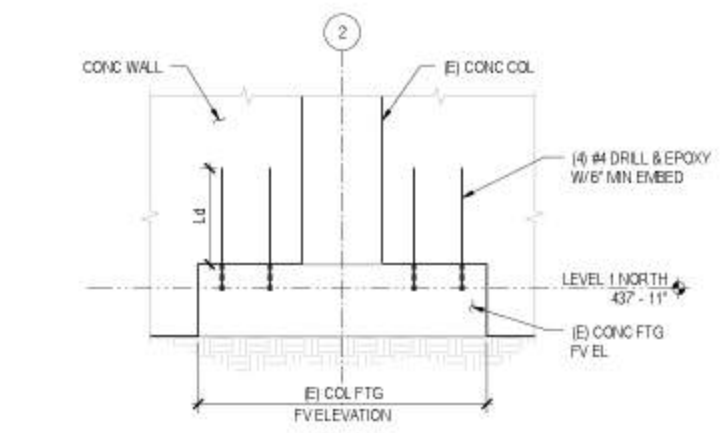


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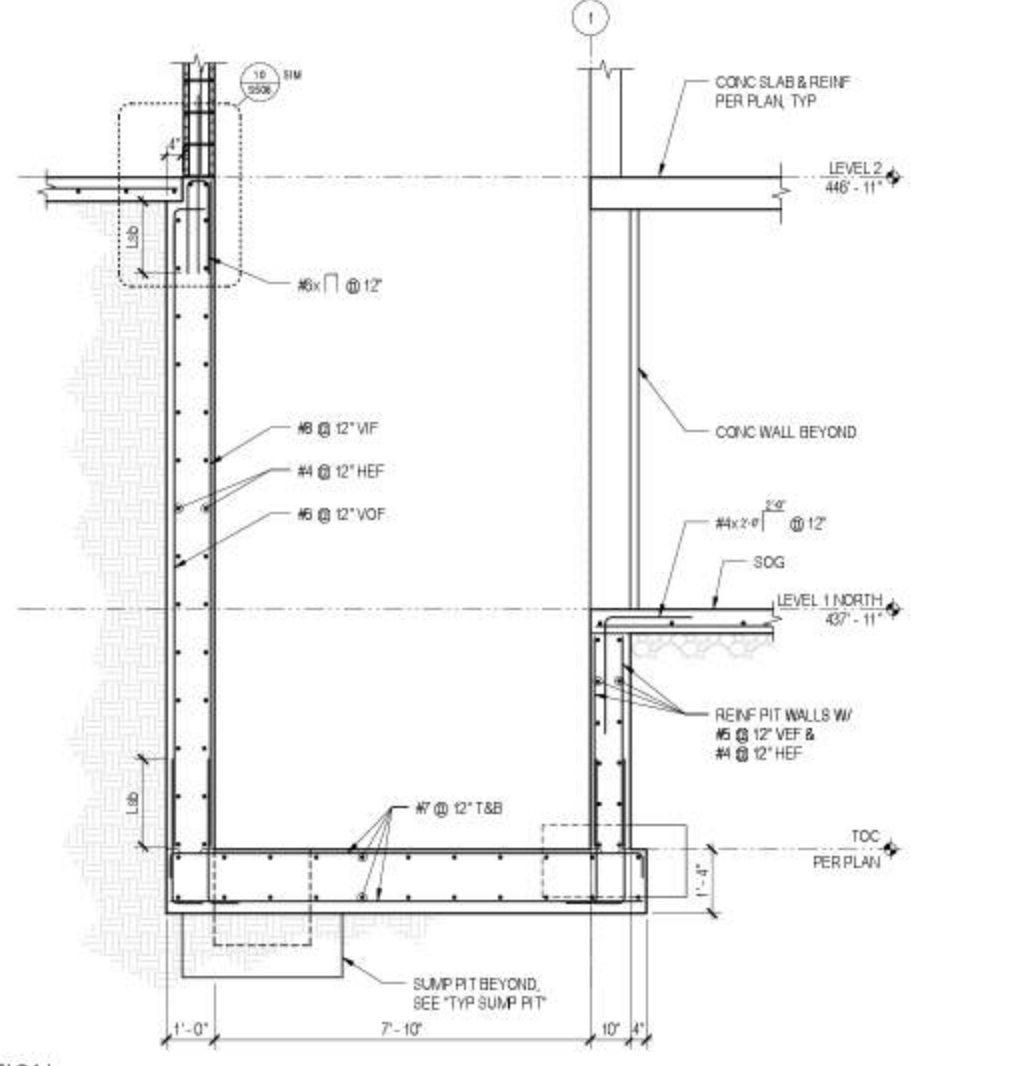


- NOTES:
- COLUMN DOWELS TO BE #4 #6
 - A TYPICAL CROSSIE SHALL HAVE A 135 DEGREE HOOK AT ONE END AND A 90 DEGREE HOOK AT THE OTHER END. AT CONTRACTOR'S OPTION, THE 135 DEGREE HOOK MAY BE REPLACED WITH A 180 DEGREE HOOK, AND THE 90 DEGREE HOOK MAY BE REPLACED WITH A 135 OR A 180 DEGREE HOOK.
 - CROSSIES WITH 90 DEGREE HOOKS SHALL HAVE THE CONSECUTIVE CROSSIES ALTERNATED END FOR END ALONG THE LONGITUDINAL REINFORCEMENT.
 - COLUMN VERTICAL REINFORCING SHALL BE GRADE A615
 - HOK COL VERTS INTO SLAB AT TOP. PLACE HORIZONTAL HOOKS DIRECTLY BELOW TOP BARS OF BEAMS OR SLABS. SPLAY HOOKS AS NECESSARY TO RELIEVE BAR CONGESTION. AT CONTRACTOR'S OPTION, HOOKS MAY BE PLACED TOWARD THE INSIDE OF THE COLUMN.
 - UNLESS NOTED OTHERWISE, COLUMN CONSTRUCTION JOINTS SHALL BE AT THE UNDERSIDE OF FLOOR SLABS, BEAMS, OR GIRDERS, AND AT THE TOPS OF FOOTINGS OR FLOOR SLABS. BEAMS, GIRDERS, BRACKETS, COLUMNS CAPITALS, HAUNCHES, AND DROP PANELS SHALL BE PLACED AT THE SAME TIME AS SLABS.

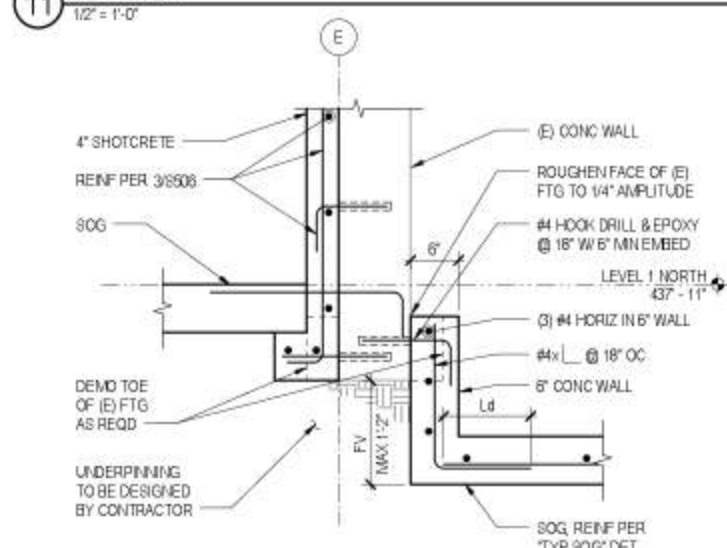
13 CONC COLUMN SECTION
1/2" = 1'-0"



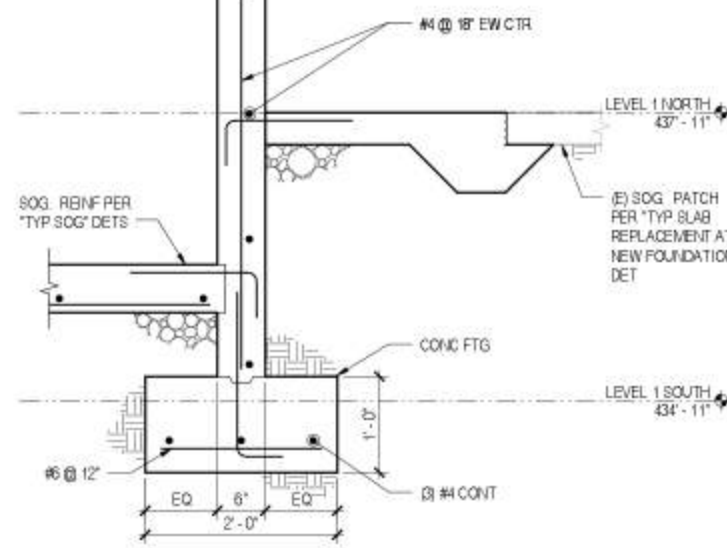
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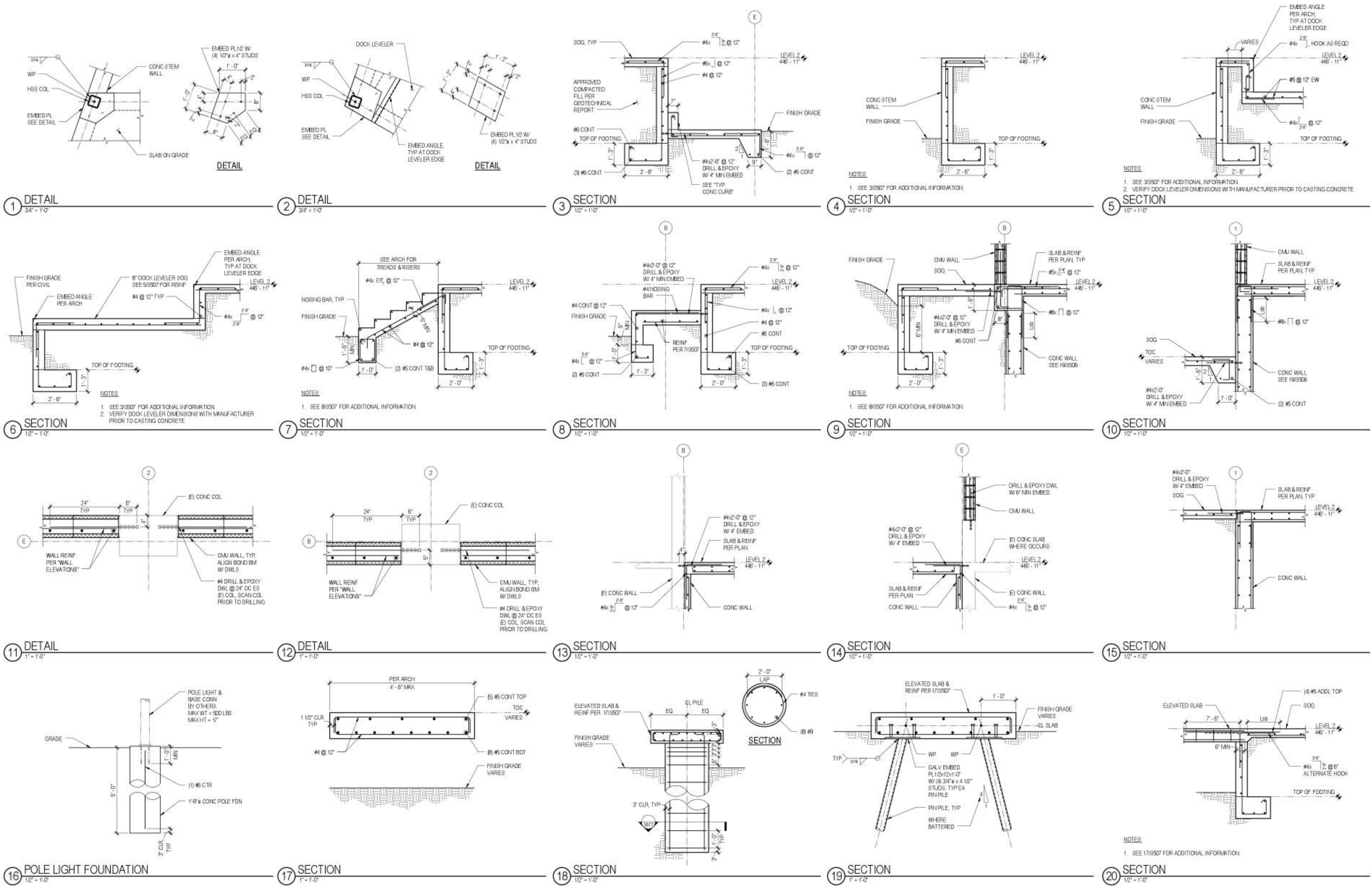
15 SECTION
1/2" = 1'-0"



16 SECTION
1" = 1'-0"



17 SECTION
1" = 1'-0"



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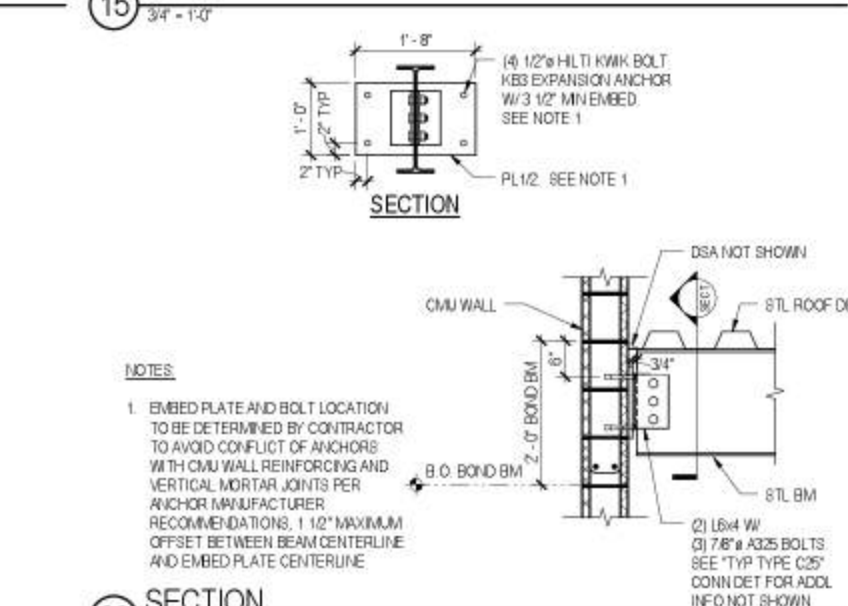
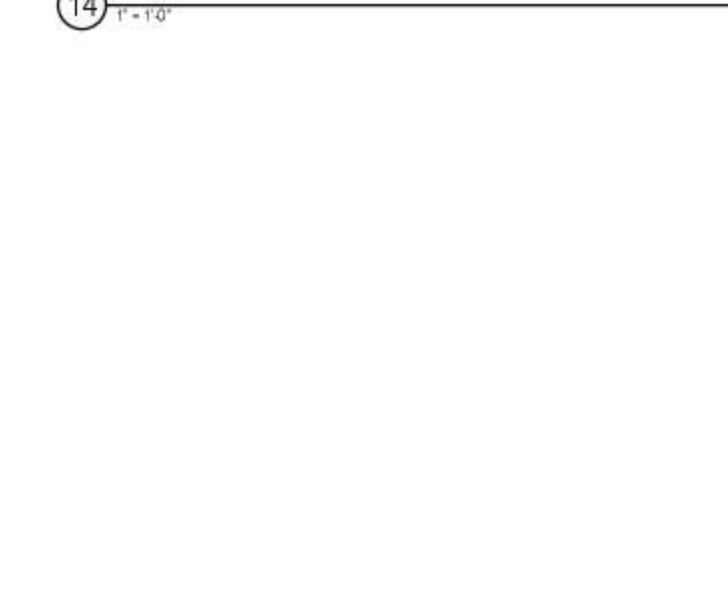
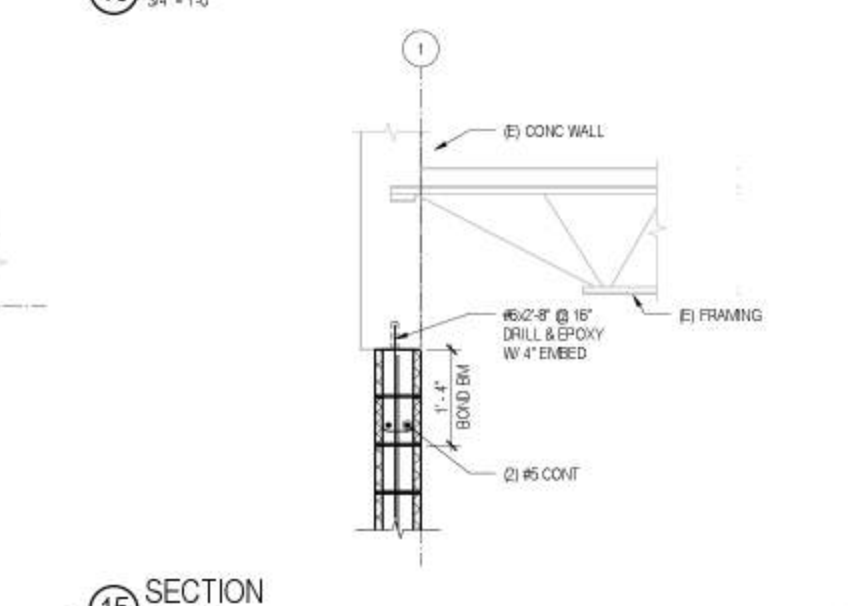
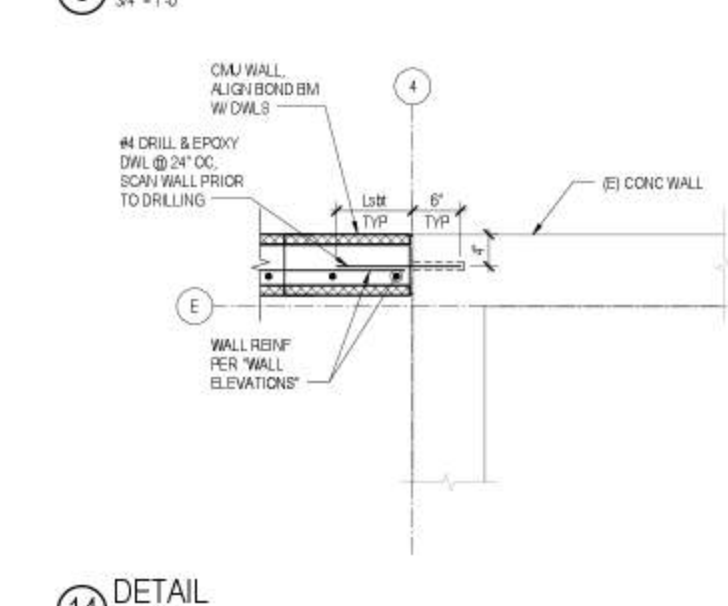
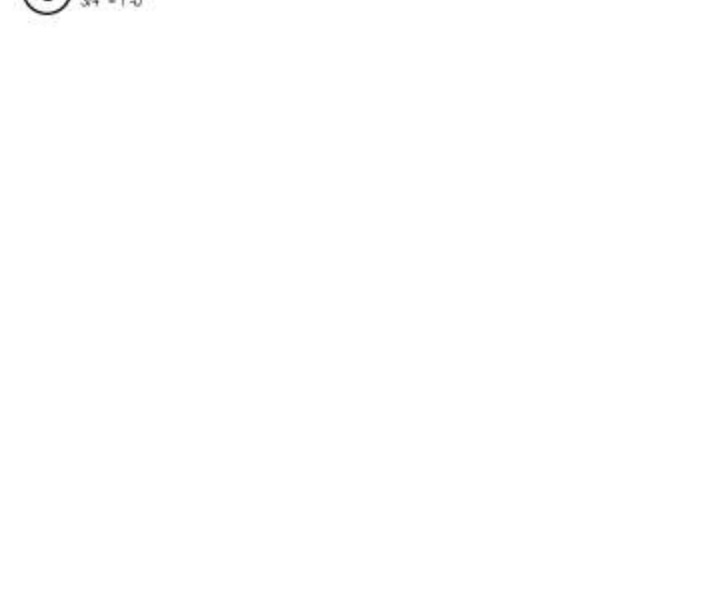
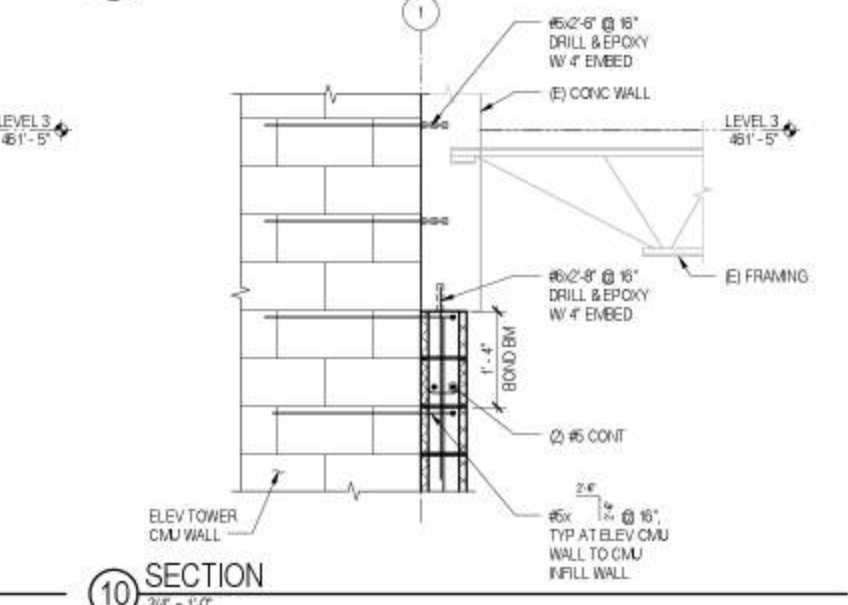
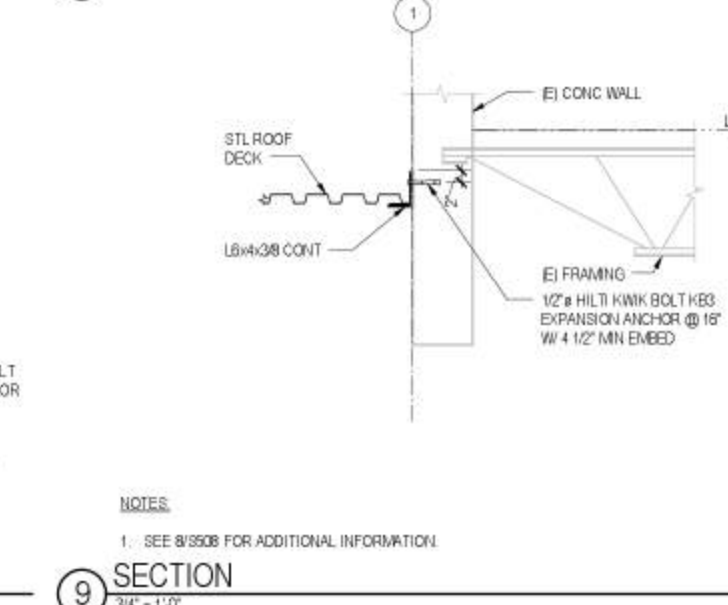
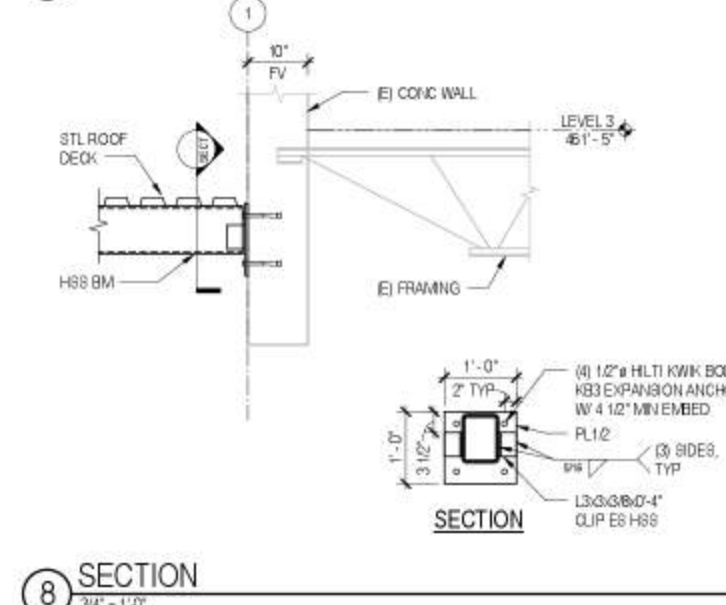
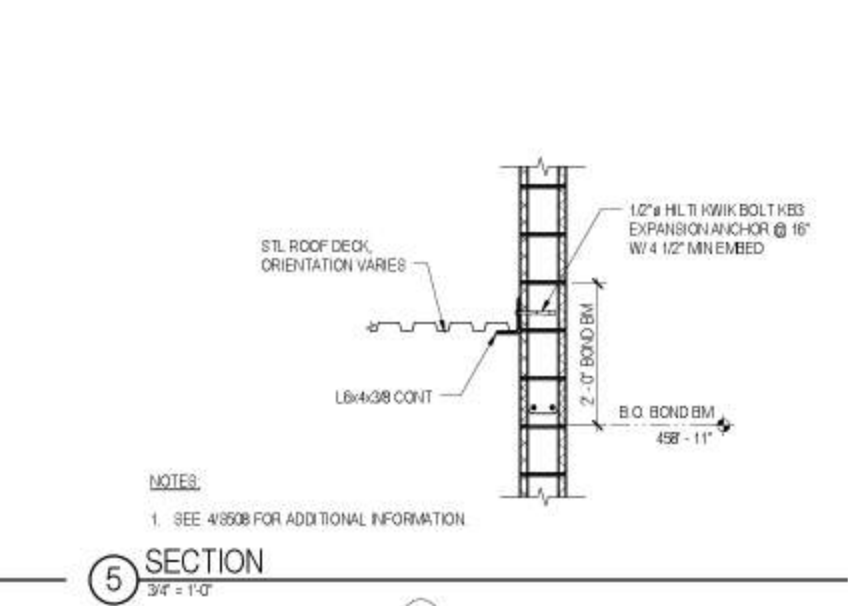
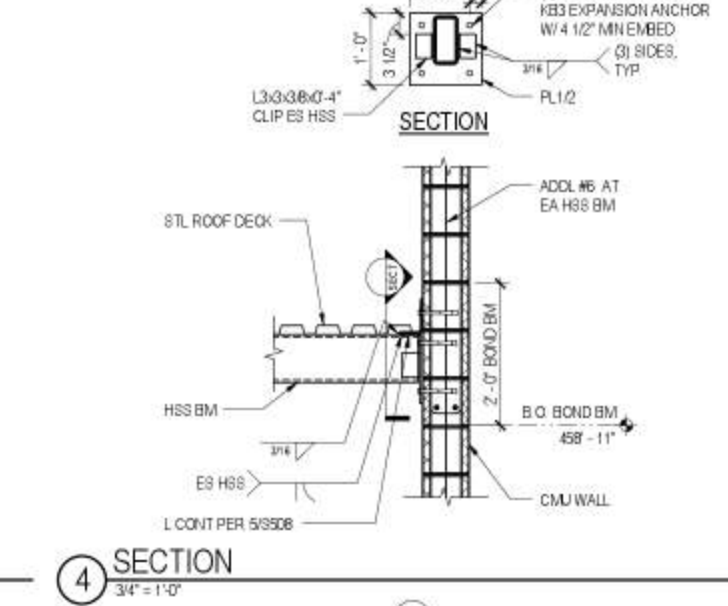
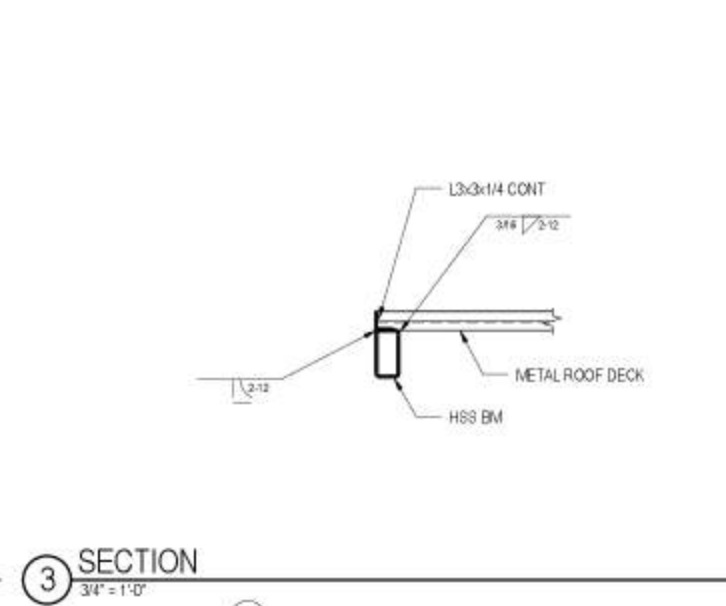
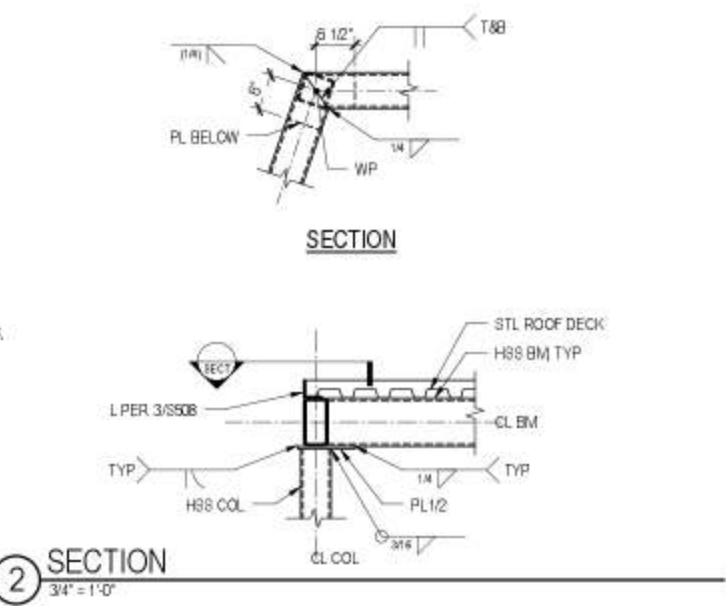
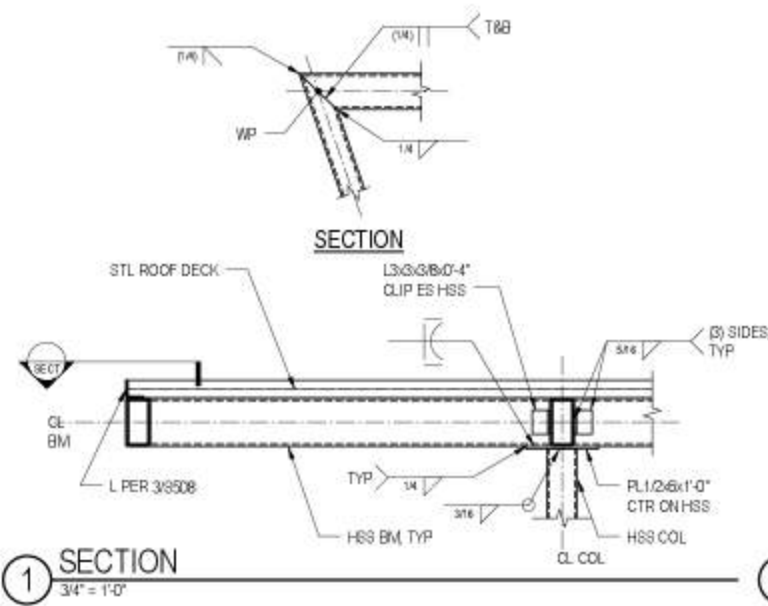
Revisions	No.	Date	By	Description

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LOADING DOCK SECTIONS AND DETAILS

S507

Drawn: RMF
Checked: RMZ
M/A Proj No: A2070.00
Date: 6/23/2017



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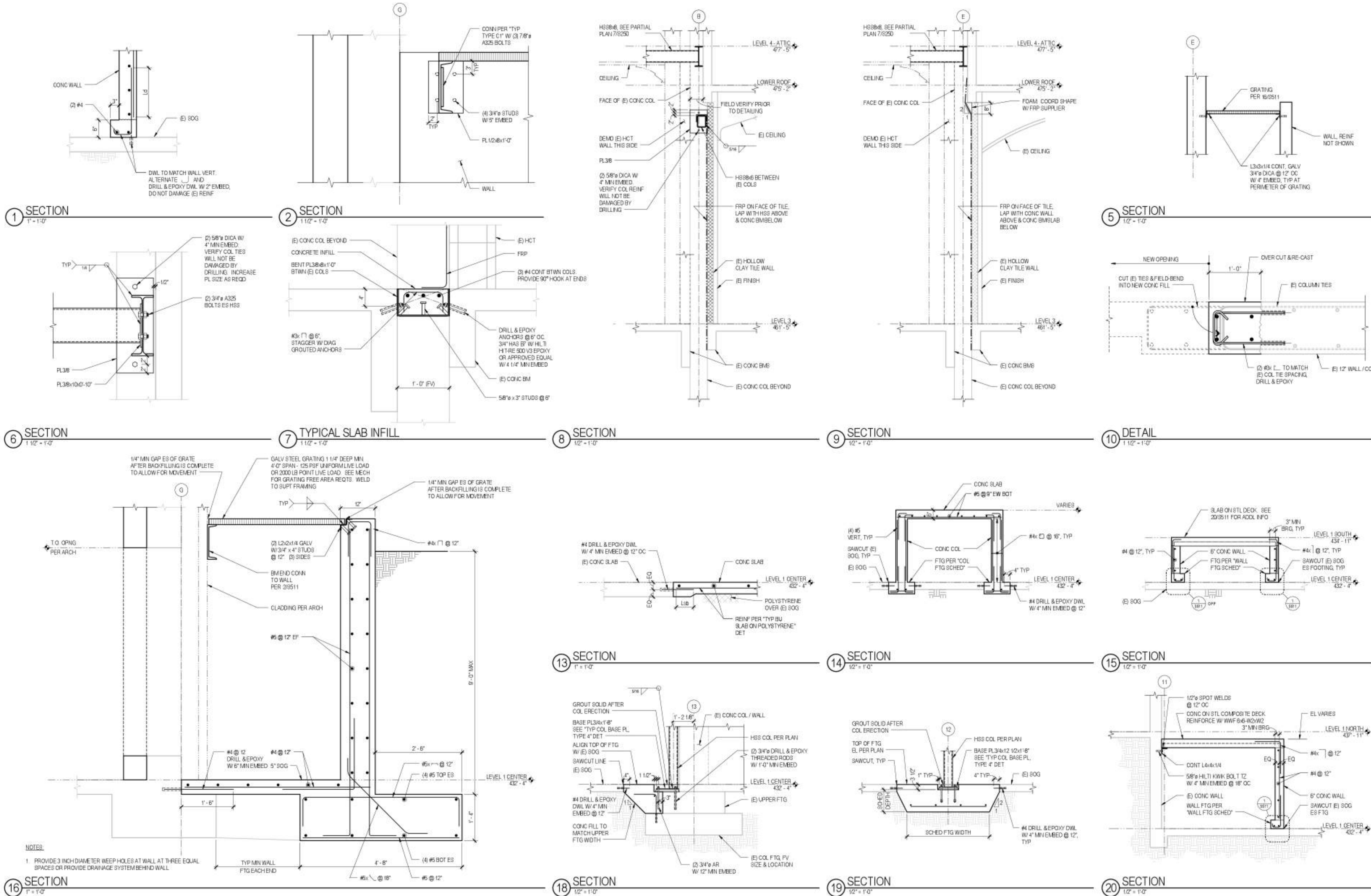
Drawn: RMF
 Checked: RMZ
 M/A Proj No: A2070.00
 Date: 6/23/2017

LOADING DOCK SECTIONS AND DETAILS

S508

NOTES

- EMBED PLATE AND BOLT LOCATION TO BE DETERMINED BY CONTRACTOR TO AVOID CONFLICT OF ANCHORS WITH CMU WALL REINFORCING AND VERTICAL JOINTS PER ANCHOR MANUFACTURER RECOMMENDATIONS. 1/2" MAXIMUM OFFSET BETWEEN BEAM CENTERLINE AND EMBED PLATE CENTERLINE.
- 16x4 W/ 3/8" A325 BOLTS SEE TYP TYPE C25 CONN DET FOR ADD INFO NOT SHOWN



NOTES:
 1. PROVIDE 3 INCH DIAMETER WEEP HOLES AT WALL AT THREE EQUAL SPACES OR PROVIDE DRAINAGE SYSTEM BEHIND WALL



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Revisions	No.	Date	By	Description

Sheet Title

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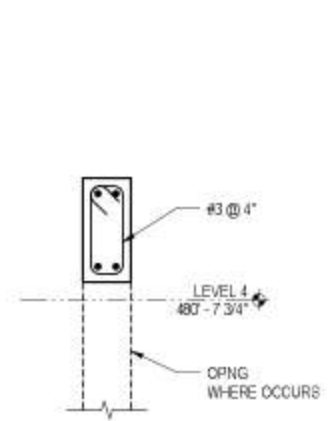
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 M/A Proj No: A207000
 Date: 6/23/2017

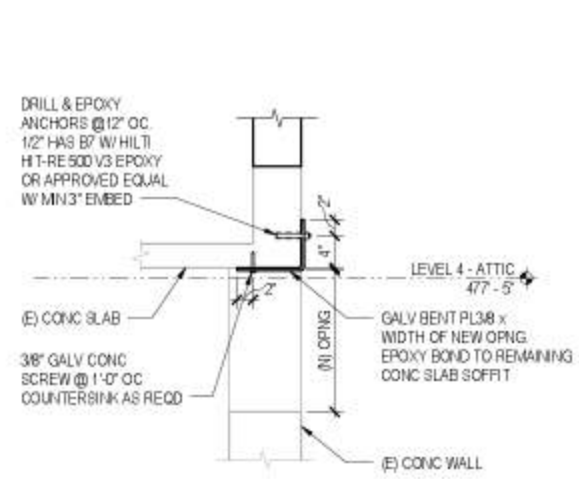
100% Construction Documents

RENOVATION SECTIONS AND DETAILS

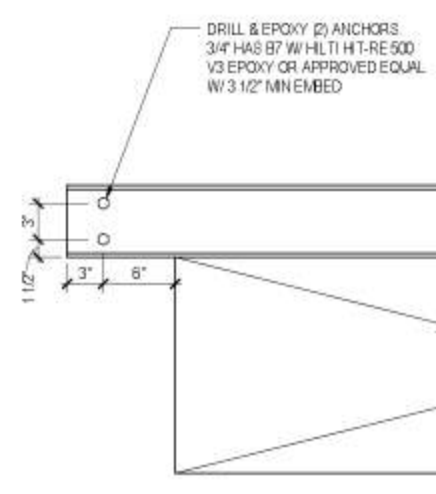
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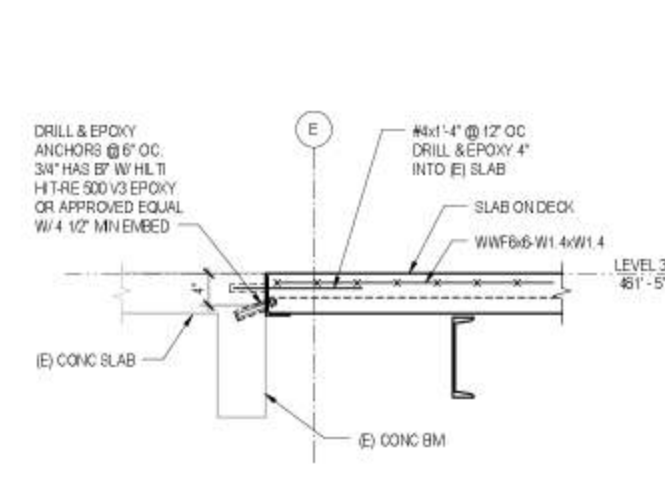
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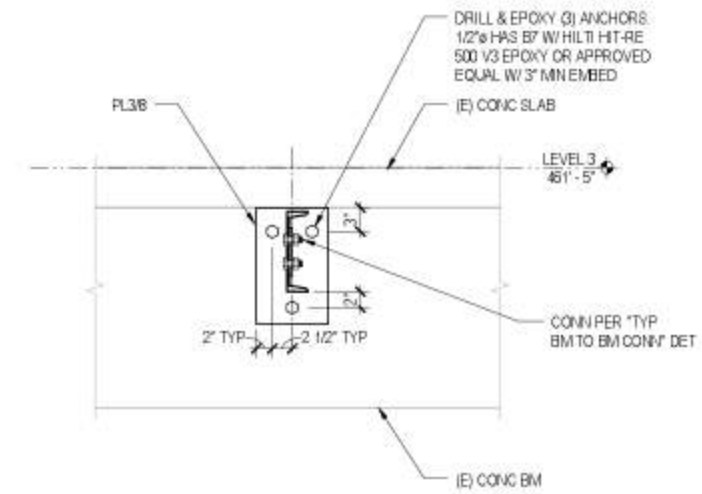
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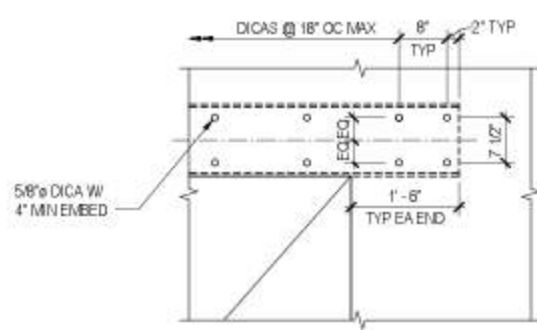
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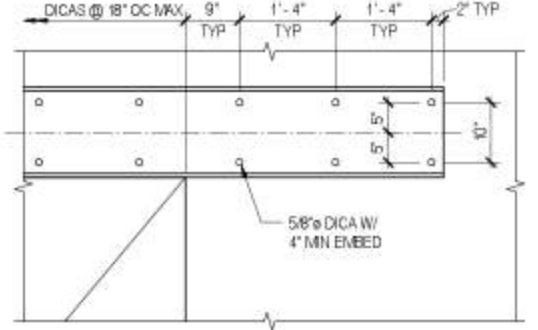
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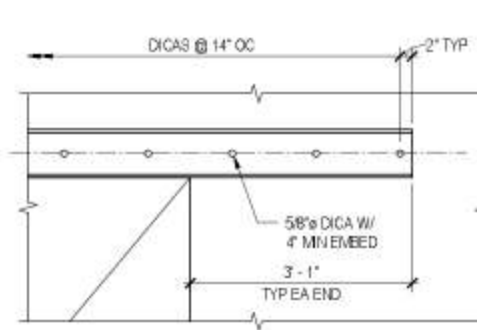
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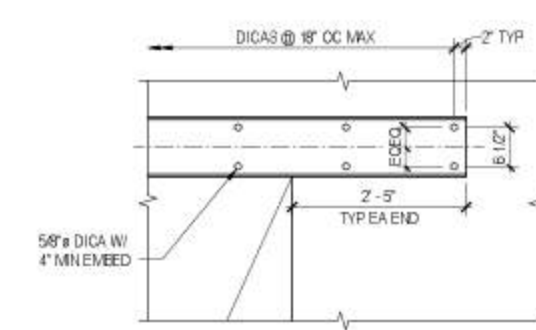
6 DETAIL
3/4" = 1'-0"



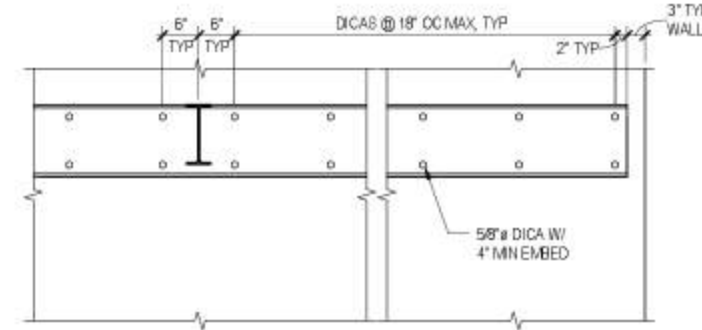
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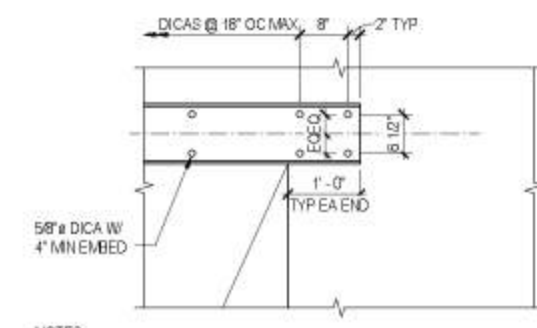
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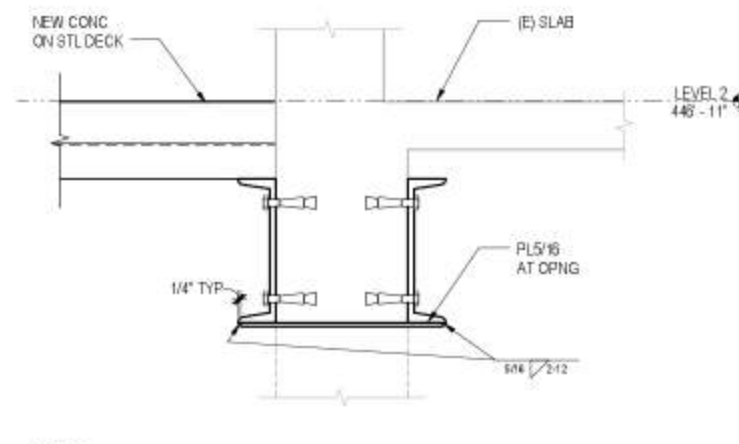
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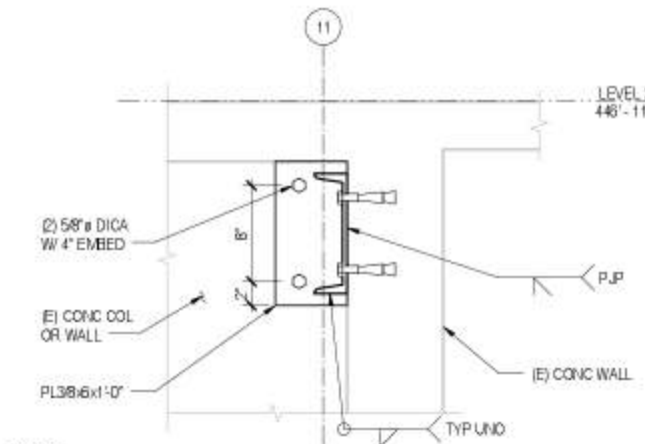
10 DETAIL
3/4" = 1'-0"



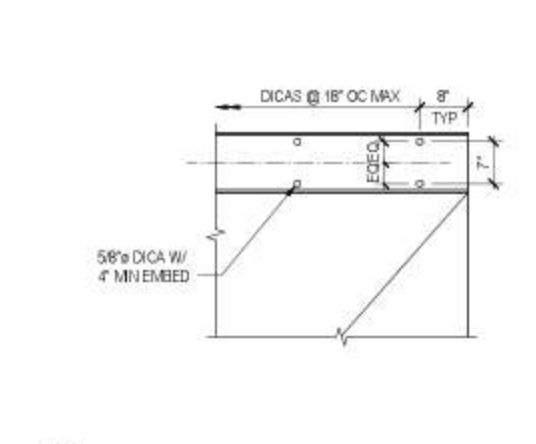
11 DETAIL
3/4" = 1'-0"



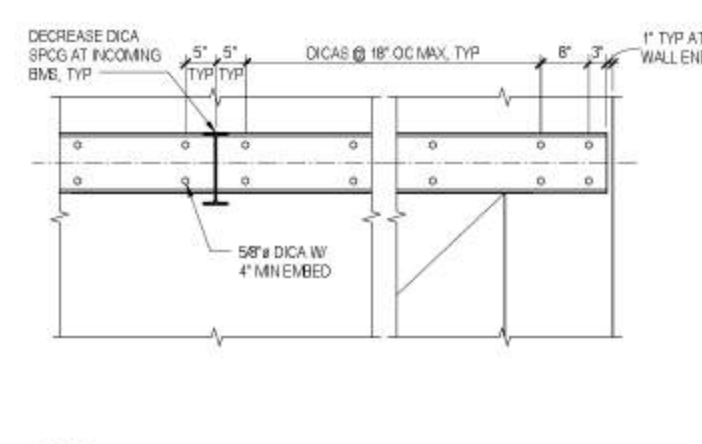
12 SECTION
1 1/2" = 1'-0"



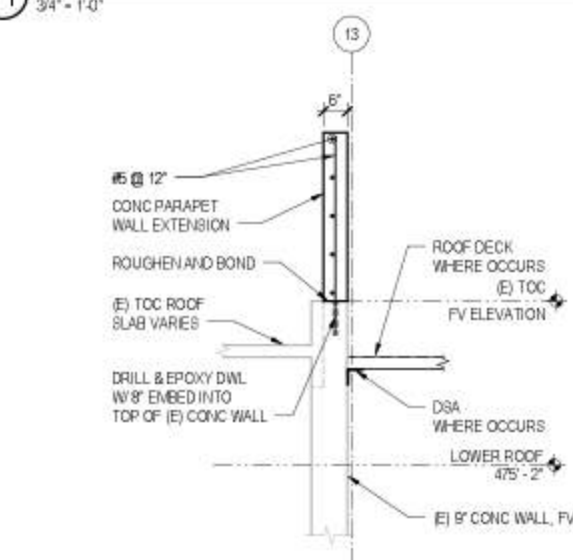
13 SECTION
1 1/2" = 1'-0"



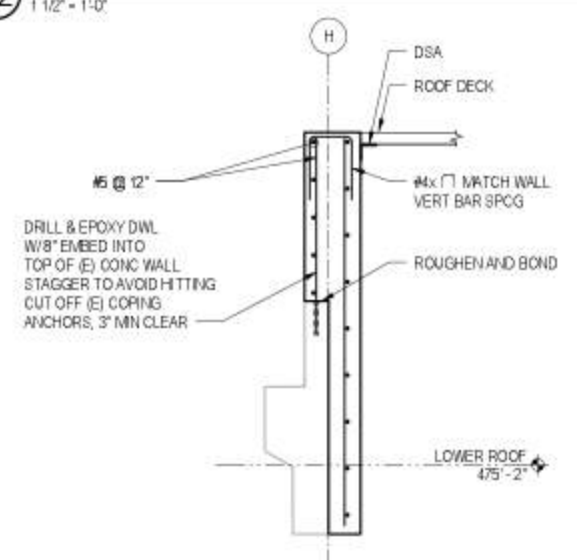
14 DETAIL
3/4" = 1'-0"



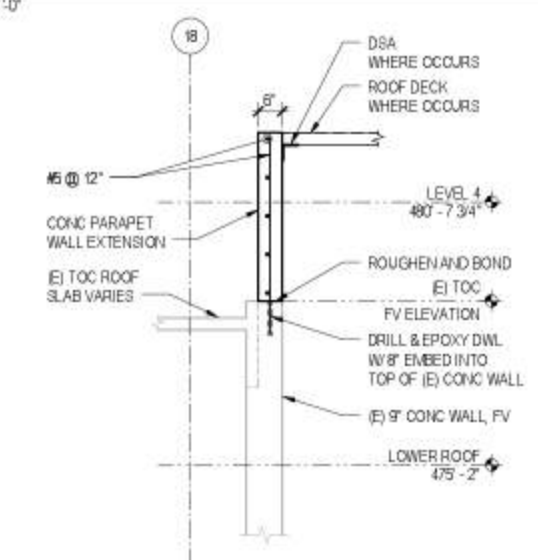
15 DETAIL
3/4" = 1'-0"



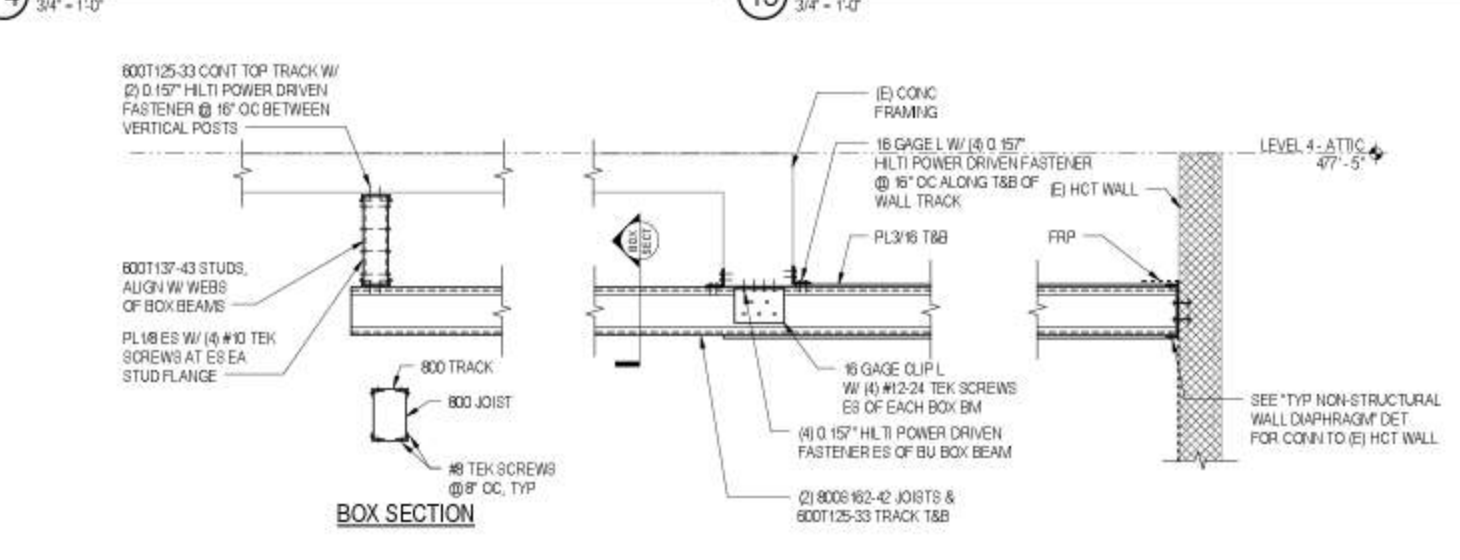
16 SECTION
1/2" = 1'-0"



17 SECTION
1/2" = 1'-0"

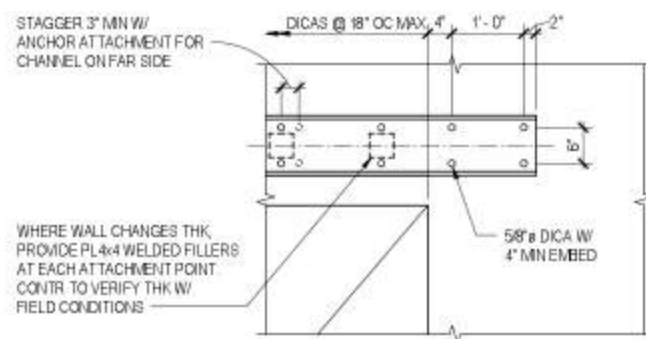


18 SECTION
1/2" = 1'-0"



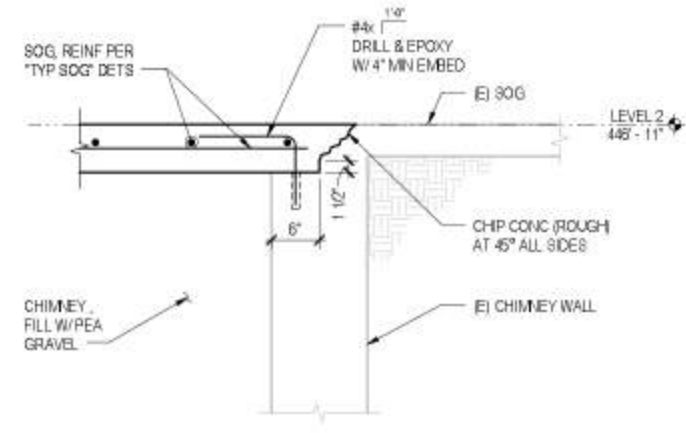
19 SECTION
3/4" = 1'-0"

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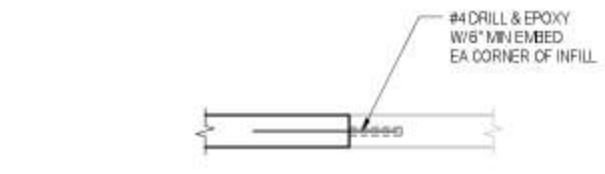


2 DETAIL
3/4" = 1'-0"

NOTES:
1. TO ACCOUNT FOR VARIATION IN THE EXISTING WALL, PROVIDE GROUT BEHIND CHANNEL FOR FULL BEARING

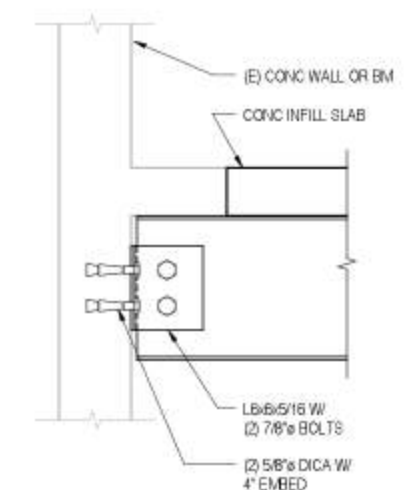


3 SECTION
1" = 1'-0"

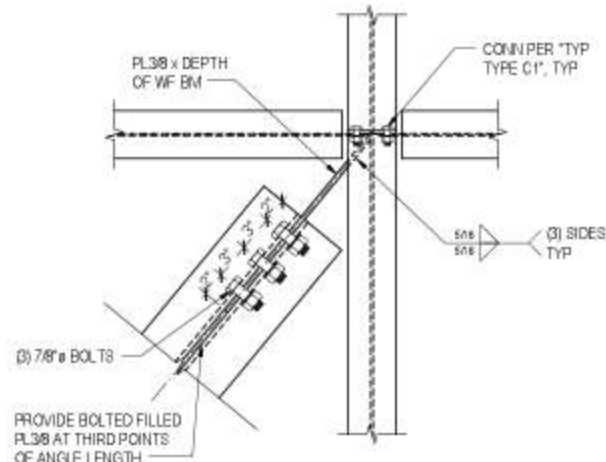


4 SECTION
1" = 1'-0"

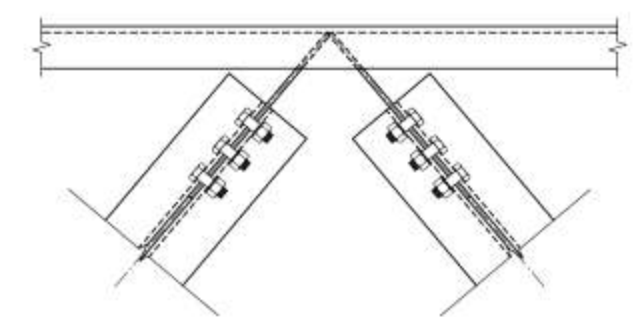
NOTES:
1. SHORE ROOF SLAB AS NECESSARY.
2. REMOVE THE EXISTING CONCRETE CHIMNEY



5 SECTION
1 1/2" = 1'-0"

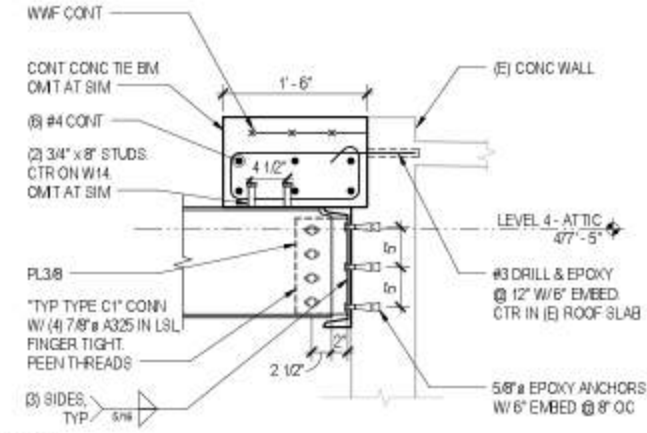


8 DETAIL
1 1/2" = 1'-0"



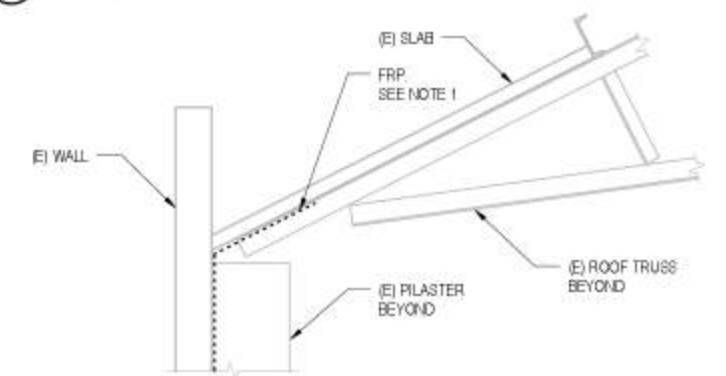
9 DETAIL
1 1/2" = 1'-0"

NOTES:
1. SEE 8/5513 FOR ADDITIONAL INFORMATION



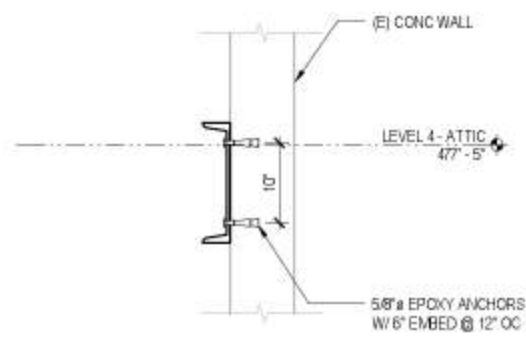
10 SECTION
1" = 1'-0"

NOTES:
1. TO ACCOUNT FOR VARIATION IN THE EXISTING WALL, PROVIDE GROUT BEHIND CHANNEL FOR FULL BEARING



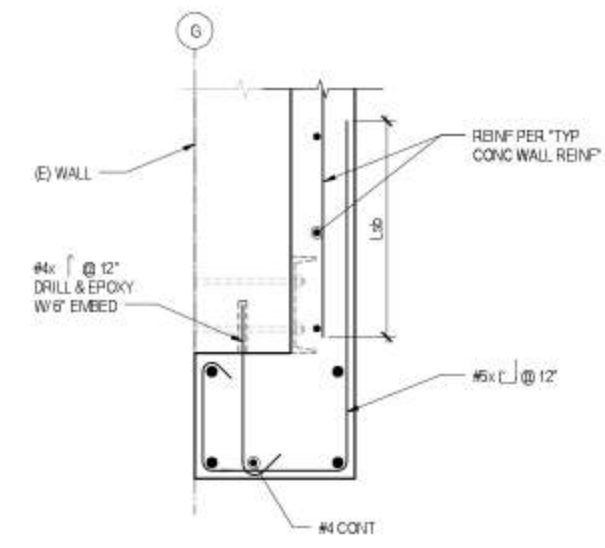
14 SECTION
3/4" = 1'-0"

NOTES:
1. CONTRACTOR TO DESIGN TO TRANSFER SHEAR FORCE BETWEEN SLAB AND WALL. REQUIRED ULTIMATE CAPACITY IS 190K OVER LENGTH OF WALL. DISTRIBUTE FRP EQUALLY ALONG WALL BETWEEN (E) PILASTERS. MINIMUM TOTAL LENGTH OF FRP ALONG WALL IS 32 FEET.

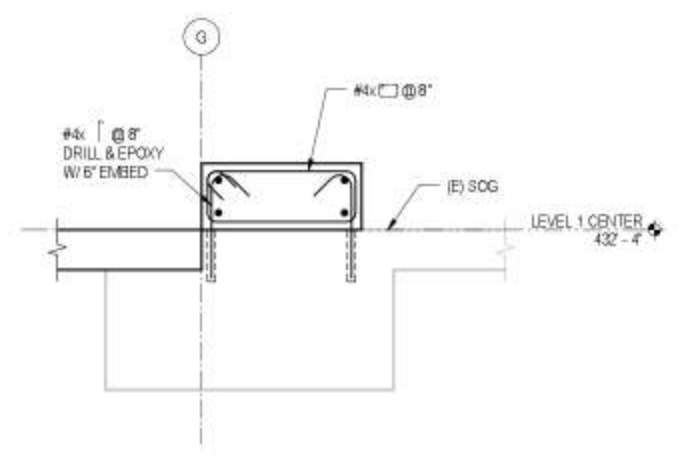


15 SECTION
1" = 1'-0"

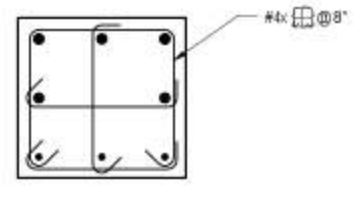
NOTES:
1. SEE 10/9513 FOR ADDITIONAL INFORMATION.
2. TO ACCOUNT FOR VARIATION IN THE EXISTING WALL, PROVIDE GROUT BEHIND CHANNEL FOR FULL BEARING.



18 SECTION
1" = 1'-0"



19 SECTION
1" = 1'-0"



20 SECTION
1" = 1'-0"

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Revisions			
No.	Date	By	Description

Sheet

Sheet Number

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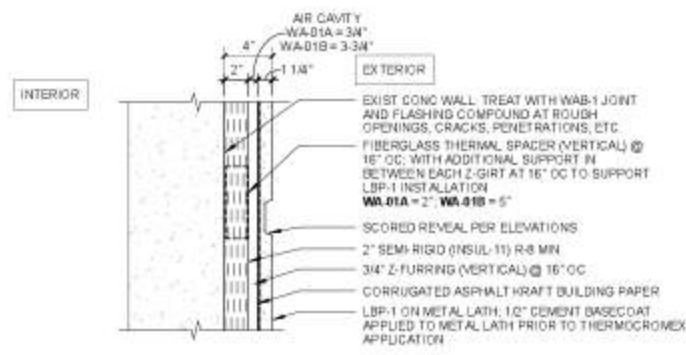
Structural + Civil Engineers
Seattle Chicago
www.mkn.com
206 292 1200

100% Construction Documents

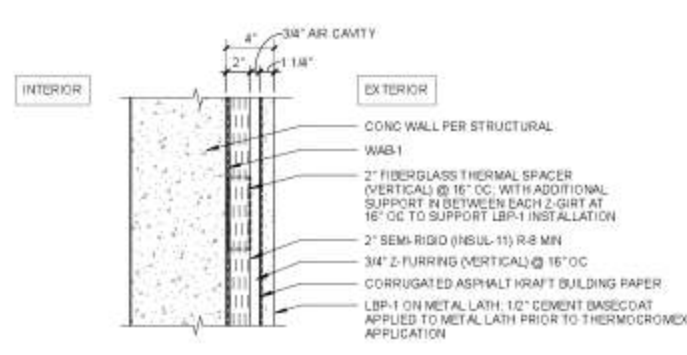
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Checked: RMZ
M/A Proj No: A207000
Date: 6/23/2017

RENOVATION SECTIONS AND DETAILS

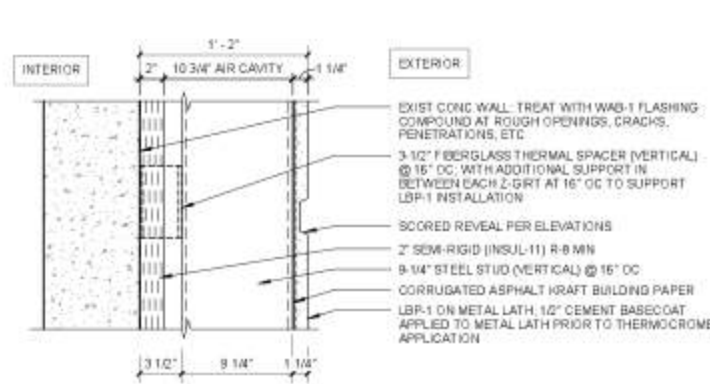
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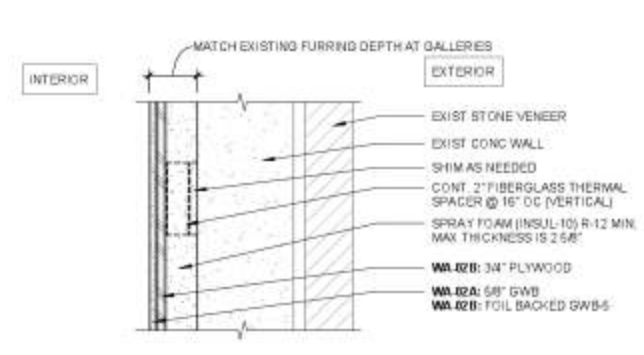
1 WA-01A/B - PLASTER OVER EXIST CONC
A010 1 1/2" = 1'-0"



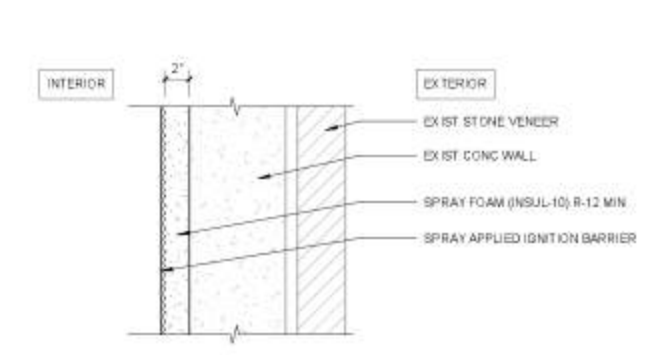
2 WA-01C - PLASTER OVER CONC
A010 1 1/2" = 1'-0"



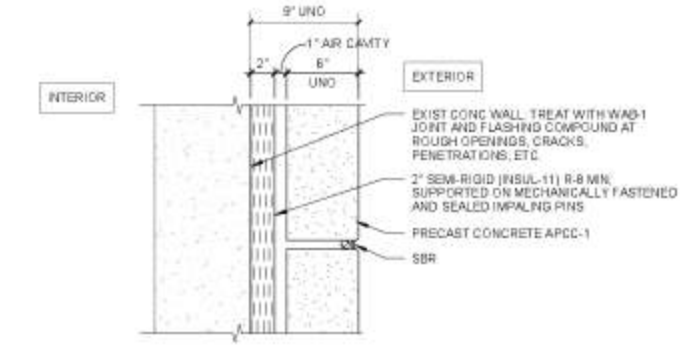
3 WA-01D - PLASTER OVER EXIST CONC
A010 1 1/2" = 1'-0"



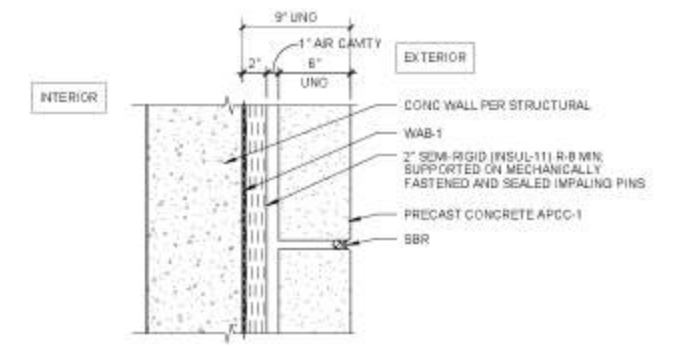
4 WA-02A/B - EXIST STONE AT GALLERY
A010 1 1/2" = 1'-0"



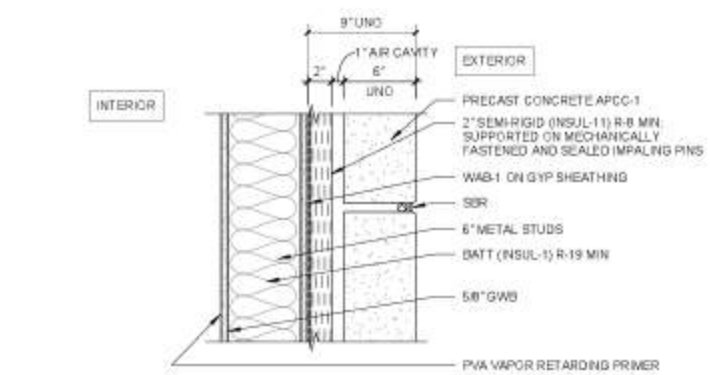
5 WA-02C - EXIST STONE AT BACK-OF-HOUSE
A010 1 1/2" = 1'-0"



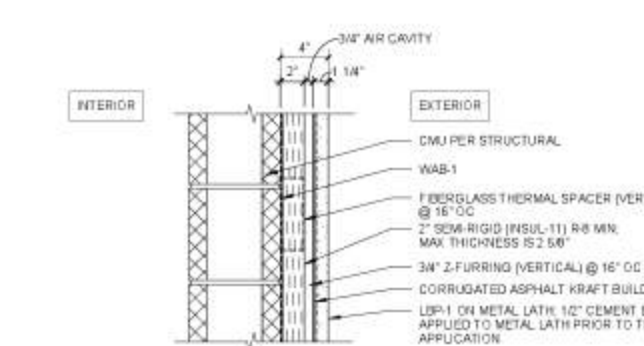
6 WA-03A - PRECAST OVER EXIST CONC
A010 1 1/2" = 1'-0"



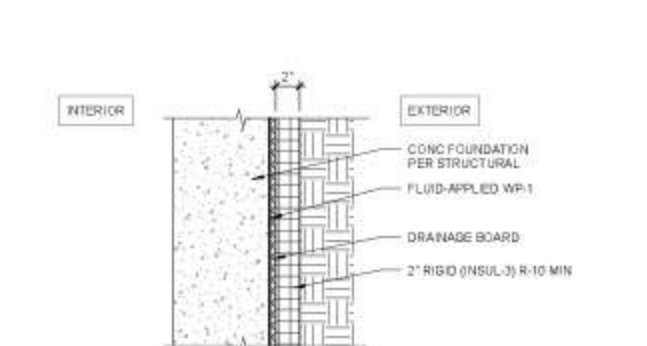
7 WA-03B - PRECAST OVER CONC
A010 1 1/2" = 1'-0"



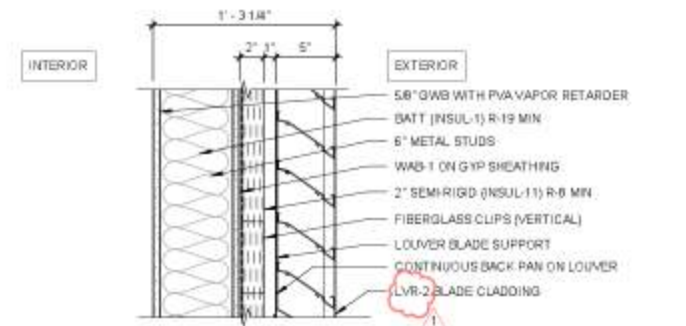
8 WA-04 - PRECAST OVER METAL STUD
A010 1 1/2" = 1'-0"



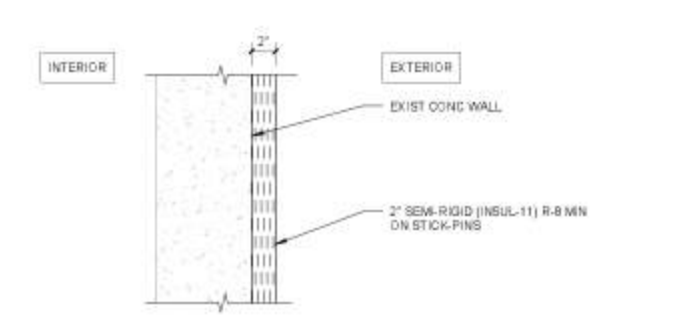
9 WA-05 - PLASTER OVER CMU
A010 1 1/2" = 1'-0"



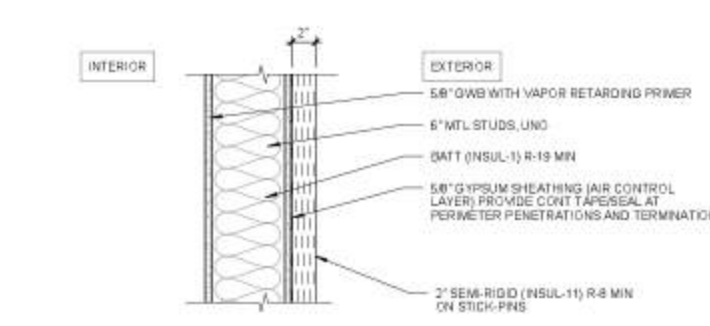
10 WA-06 - BELOW GRADE CONC
A010 1 1/2" = 1'-0"



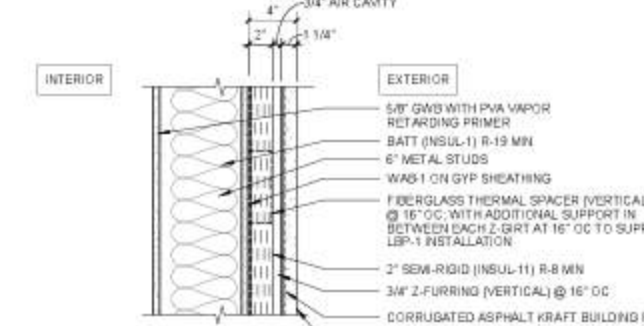
11 WA-07 - LOUVER WALL OVER METAL STUD
A010 1 1/2" = 1'-0"



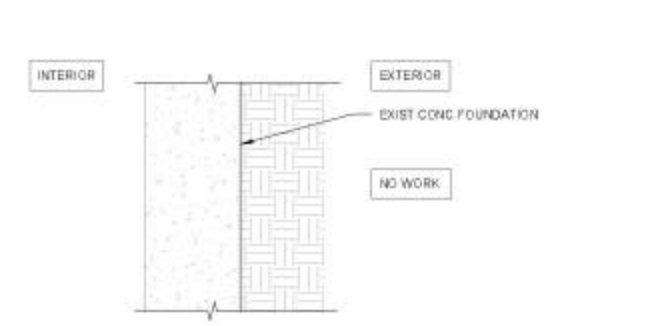
12 WA-08 - MECH SPACES - CONC
A010 1 1/2" = 1'-0"



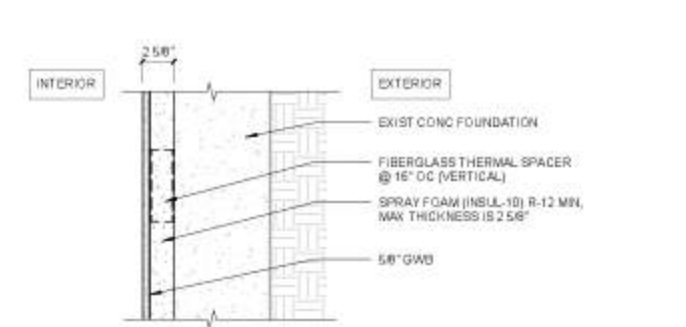
13 WA-09 - MECH SPACES - GWB
A010 1 1/2" = 1'-0"



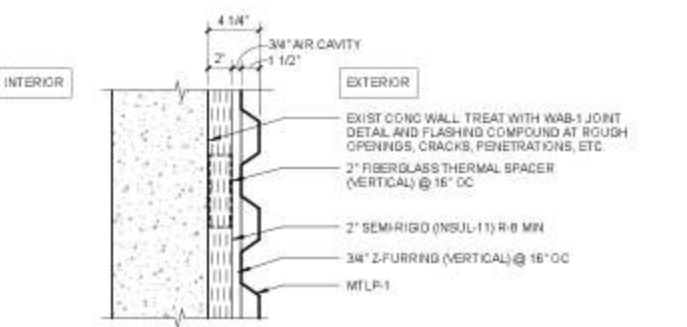
14 WA-10 - PLASTER OVER METAL STUD
A010 1 1/2" = 1'-0"



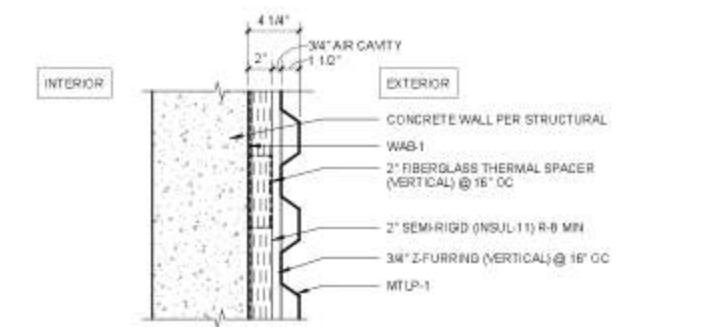
15 WA-11 - EXISTING BELOW GRADE CONC
A010 1 1/2" = 1'-0"



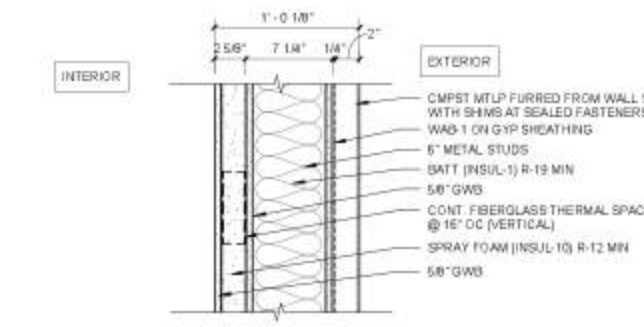
16 WA-12 - EXISTING BELOW GRADE CONC WITH INSUL
A010 1 1/2" = 1'-0"



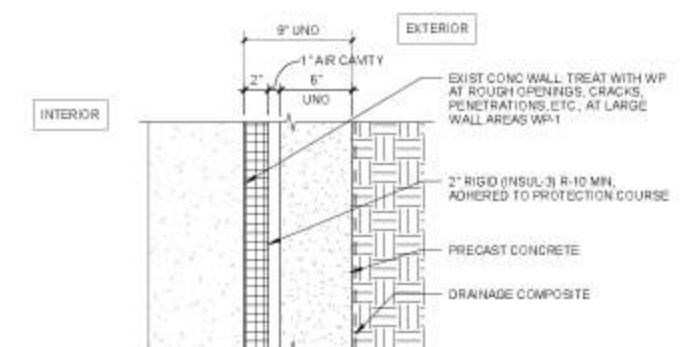
17 WA-13A - MTLP OVER EXIST CONC
A010 1 1/2" = 1'-0"



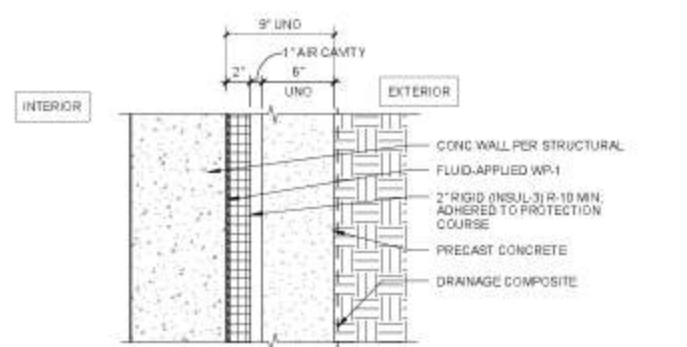
18 WA-13B - MTLP OVER CONC
A010 1 1/2" = 1'-0"



19 WA-14 - CMPST MTLP ON METAL STUD
A010 1 1/2" = 1'-0"

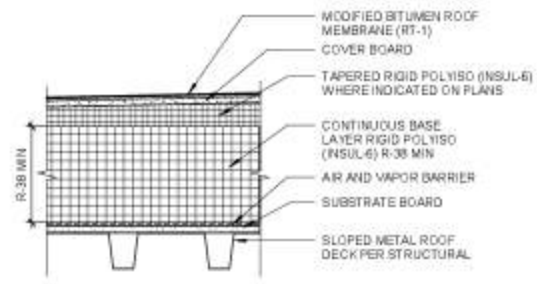


21 WA-16A - BELOW GRADE PRECAST OVER EXIST CONC
A010 1 1/2" = 1'-0"

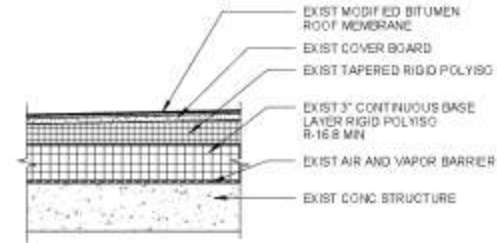


22 WA-16B - BELOW GRADE PRECAST OVER CONC
A010 1 1/2" = 1'-0"

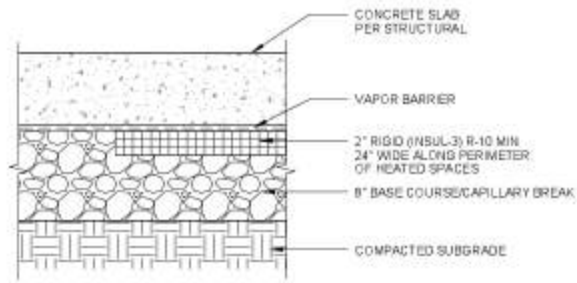
PLEASE BRING TO MEETING



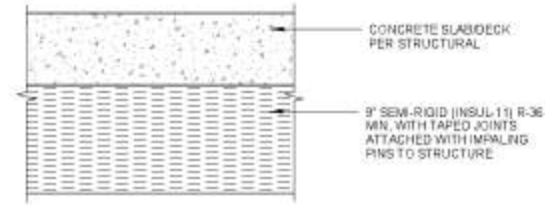
1 RT-1 - INSUL ON MTL ROOF DECK
A011 1 1/2" = 1'-0"



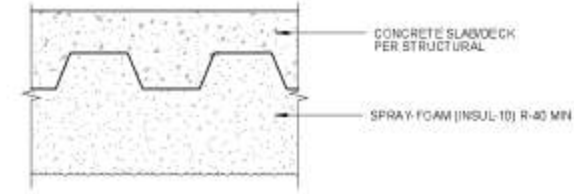
2 RT-X - EXISTING ROOF
A011 1 1/2" = 1'-0"



6 FA-1 - SLAB ON GRADE
A011 1 1/2" = 1'-0"



7 FA-2 - SUSPENDED SLAB
A011 1 1/2" = 1'-0"



8 FA-3 - SUSPENDED SLAB
A011 1 1/2" = 1'-0"

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Submittal

Construction
Documents

Revisions
No. Date Description

Sheet Title Sheet Number

Drawn: Author:
Checked: Checker:
LMN Proj No: 16028.01
Date: 6/23/17

Thermal Assembly
Types - Roof and
Floor Assemblies

A011

DEMOLITION GENERAL NOTES

- PROTECT EXISTING TO REMAIN ITEMS TYPICALLY
- DEMOLITION PLANS DO NOT SHOW ALL LOCATIONS OR FULL SCOPE OF REQUIRED DEMOLITION OR CUTTING AND PATCHING. REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE AND LOW VOLTAGE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES FOR REMOVAL OR INSTALLATION OF NEW WORK IN THE EXIST BUILDING. PATCH WALLS AND FLOORS TO REMAIN AFTER DEMOLITION, TYPICALLY
- WHERE MECHANICAL, PLUMBING OR ELECTRICAL DEVICES ARE BEING DEMOLISHED, SEE MEP DEMOLITION DRAWINGS FOR EXTENT AND RELATED WORK
- SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL FOR EXTENT OF UNDERGROUND UTILITIES DEMOLITION
- FOR PARTIALLY DEMOLISHED OPENINGS IN EXISTING WALLS COORDINATE WITH ARCHITECTURAL DRAWINGS AND DOOR AND WINDOW SCHEDULE FOR REQUIRED DEMOLITION
- FOR FULLY DEMOLISHED WALLS, CUT TO A NEAT LINE
- UNLESS OTHERWISE NOTED, REMOVE EXISTING FLOORING AND BASE SHOE WHERE OCCURS
- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING LIGHTING. SALVAGE HISTORIC FIXTURES FOR REINSTALLATION
- FOR EXTERIOR DEMOLITION SEE DEMOLITION ELEVATIONS FOR CLARIFICATION
- SEE SURVEY REPORT BY EGO COMPLIANCE CORP. FOR HAZARDOUS MATERIAL ABATEMENT SCOPE. DO NOT RELY ON THE DEMO DRAWINGS TO SHOW COMPLETE SCOPE

DEMOLITION SYMBOL LEGEND

	EXISTING ITEMS TO REMAIN
	ITEMS TO BE REMOVED
	AREAS TO BE REMOVED
	TERRAZZO OR WD FLOORING AND WD BASE TO BE REMOVED
	DEMOLITION KEYNOTE

DEMOLITION KEYNOTES

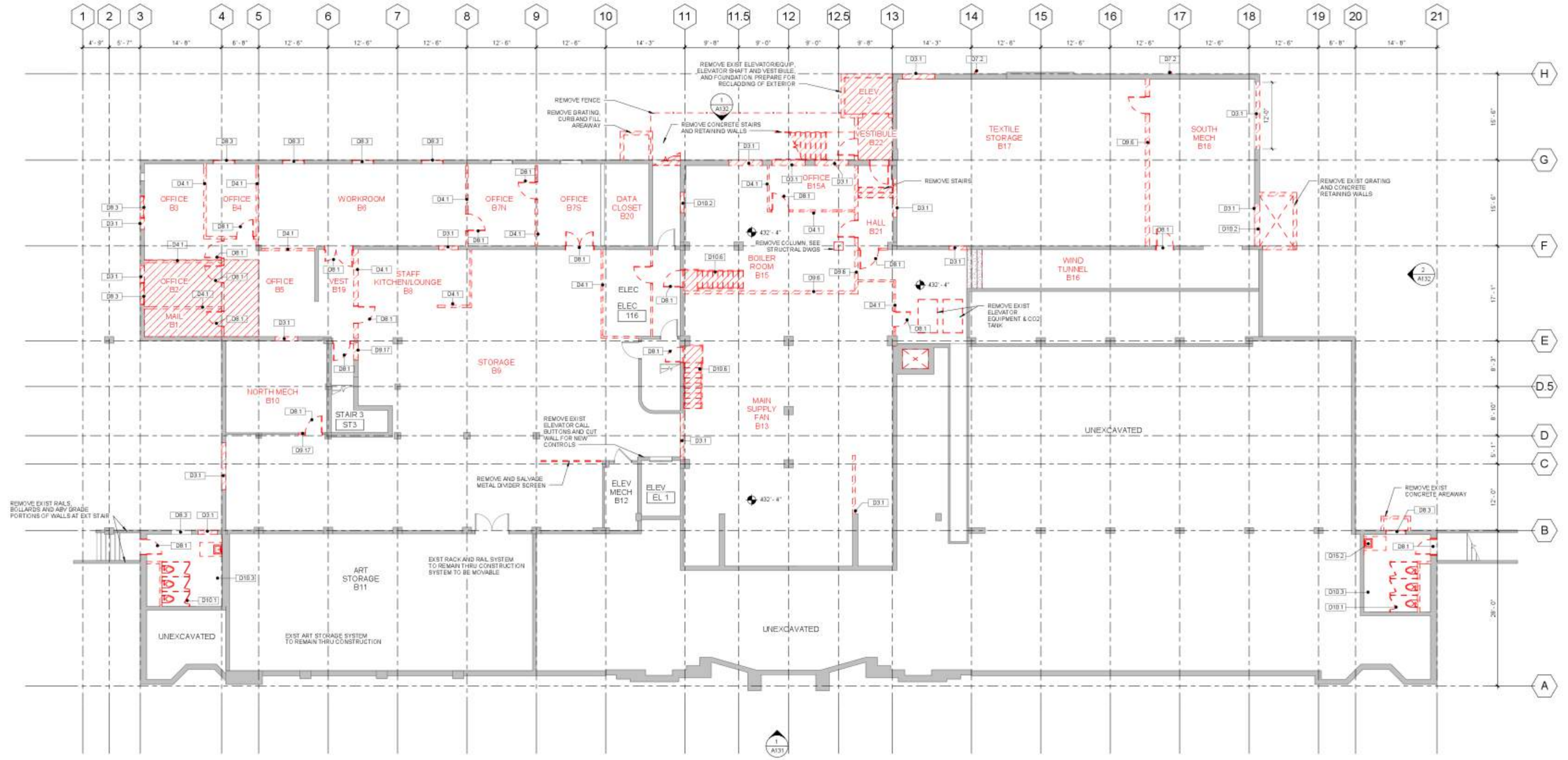
Key Value	Description
D2.4	Remove portions of existing concrete slab to accept new work
D3.1	Remove portions of the existing concrete wall to accept new work
D3.2	Remove portion of existing brick infill wall, coordinate with mechanical for extend of demolition
D3.3	Remove portions of existing roofing and slab to accept new work
D4.1	Remove existing hollow clay tile wall, prepare for new work
D4.2	Remove portion of existing hollow clay tile wall
D4.3	Remove portion of existing hollow clay tile wall to accommodate mech grille, see interior elevation for location
D5.1	Remove existing wood catwalk, stairs and supports
D6.1	Remove existing wood sill and grille, salvage grille for reinstallation
D7.1	Remove existing metal coping, prepare for new exterior cladding system
D7.2	Remove existing downspouts and scuppers
D7.3	Remove existing roof ladder
D7.4	Remove existing downspouts and scuppers, salvage for reinstallation
D8.1	Remove existing door and frame
D8.2	Remove existing automatic door opener pad at floor
D8.3	Remove existing window, prepare for new work
D8.4	Remove and salvage existing window, prepare for new work
D9.1	Remove existing suspended lath and plaster ceiling with applied acoustical ceiling tiles
D9.2	Remove existing suspended lath and plaster ceiling

DEMOLITION KEYNOTES

Key Value	Description
D9.3	Remove portion of existing plaster soffit to accommodate diffusers, coordinate with mechanical
D9.5	Remove existing finishes and furring, salvage and catalog marble, scagliola, door frames, wood wainscot, trim and grilles for reinstallation. Protect existing plaster ceiling
D9.6	Remove existing interior partition in its entirety including door(s) and frame(s)
D9.7	Remove existing skylight inlay panels only, steel grid to remain
D9.8	Remove existing stucco soffit
D9.9	Remove, salvage and catalog existing scagliola panels, marble base and handrails for reinstallation
D9.11	Remove existing apc ceiling, prepare for new work
D9.12	Remove existing finishes and furring, salvage and catalog marble, door frames, wood wainscot, trim and grilles for reinstallation
D9.13	Remove existing carpet, inoleum and/or cork flooring where occurs, protect existing masonry, remove base shoe where occurs
D9.14	Remove existing base, wainscot and trim
D9.15	Remove and salvage portion of existing imitation travertine panels
D9.16	Remove existing furring
D9.17	Remove portion of existing partition
D9.18	Remove existing plaster finish on walls to receive FRP, see structural
D9.19	Remove existing exhibit walls and platforms
D10.1	Remove existing toilet/urinal partitions
D10.2	Remove existing louver/vent, see mechanical demolition

DEMOLITION KEYNOTES

Key Value	Description
D10.3	Remove existing restroom accessories
D10.5	Remove existing art storage racks and hangers
D10.6	Remove existing metal stairs and landings
D10.7	Remove existing vinyl tread and riser covers, protect existing terrazzo
D10.8	Remove existing concrete stair and landing. Remove existing handrails
D10.9	Remove existing historic handrails, preserve for reinstallation
D10.10	Remove existing auditorium seats, salvage end-panels for reinstallation at new seats
D11.1	Remove existing telephones
D15.1	Remove existing hvac registers, grilles, diffusers, ductwork and accessories per mechanical
D15.2	Remove existing plumbing fixture(s)
D15.3	Remove existing grille and salvage for reuse
D15.4	Remove existing fire dept connection
D16.1	Remove existing non-historic light fixtures and/or track
D16.2	Remove existing fire alarm devices
D16.4	Remove existing exit sign and salvage for reuse
D16.5	Remove existing light fixture, salvage for re-installation
D16.6	Protect existing light fixture in place
D17.1	Remove plaque/sign and salvage for reuse
D17.2	Remove historical clock/accessories, salvage for re-installation



1 LEVEL 1 EXISTING/DEMO
1/8" = 1'-0"



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6641 REGISTERED ARCHITECT
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STATE OF WASHINGTON

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Asian Art Museum Expansion & Renovation
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Submittal

Revisions	No.	Date	Description

Construction Documents

Drawn: LMN Proj No
Checked: LMN Proj No
Author: 16028.01
Date: 6/23/17

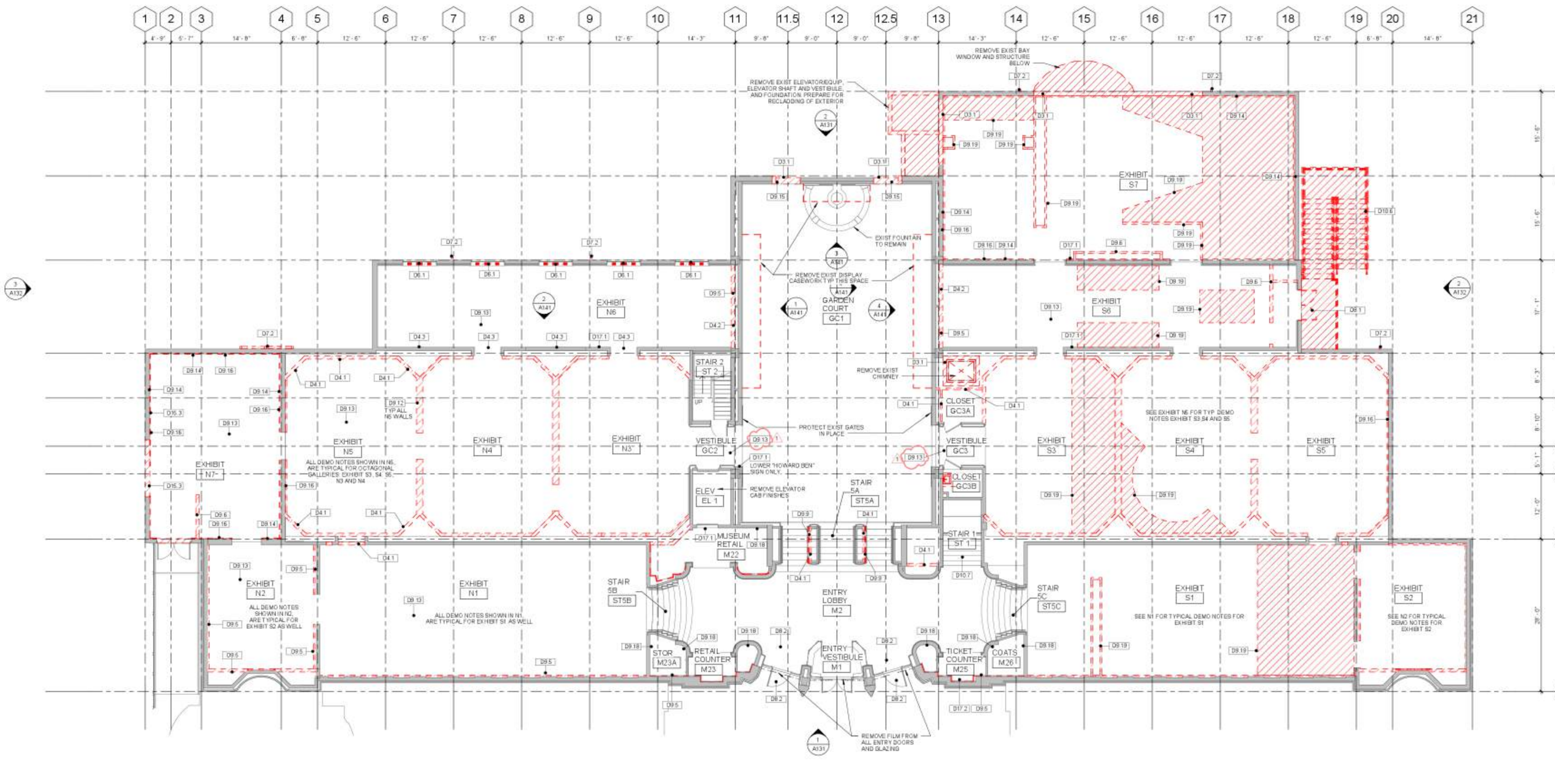
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Demo Plan - Level 1

A101

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DEMOLITION GENERAL NOTES		DEMOLITION KEYNOTES		DEMOLITION KEYNOTES		DEMOLITION KEYNOTES	
Key Value		Key Value		Key Value		Key Value	
1.	PROTECT EXISTING TO REMAIN ITEMS TYPICALLY. DEMOLITION PLANS DO NOT SHOW ALL LOCATIONS OR FULL SCOPE OF REQUIRED DEMOLITION OR CUTTING AND PATCHING. REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE AND LOW VOLTAGE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES FOR REMOVAL OR INSTALLATION OF NEW WORK IN THE EXIST BUILDING. PATCH WALLS AND FLOORS TO REMAIN AFTER DEMOLITION. TYPICALLY.	D2.4	Remove portions of existing concrete slab to accept new work.	D9.3	Remove portion of existing plaster soffit to accommodate diffusers, coordinate with mechanical.	D10.3	Remove existing restroom accessories.
2.	WHERE MECHANICAL, PLUMBING OR ELECTRICAL DEVICES ARE BEING DEMOLISHED, SEE MEP DEMOLITION DRAWINGS FOR EXTENT AND RELATED WORK.	D3.1	Remove portions of the existing concrete wall to accept new work.	D9.5	Remove existing finishes and turring, salvage and catalog marble, scagliola, door frames, wood wainscot, trim and grilles for reinstallation. Protect existing plaster ceiling.	D10.5	Remove existing art storage racks and hangers.
3.	SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL FOR EXTENT OF UNDERGROUND UTILITIES DEMOLITION.	D3.2	Remove portion of existing brick infill wall, coordinate with mechanical for extent of demolition.	D9.6	Remove existing interior partition in its entirety including door(s) and frame(s).	D10.6	Remove existing metal stairs and landings.
4.	FOR DEMOLISHED OPENING SIZES IN EXISTING WALLS COORDINATE WITH ARCHITECTURAL DRAWINGS AND DOOR AND WINDOW SCHEDULE FOR REQUIRED DEMOLITION.	D3.3	Remove portions of existing roofing and slab to accept new work.	D9.7	Remove existing skylight/inlay panels only, steel grid to remain.	D10.7	Remove existing vinyl tread and noser covers, protect existing terrazzo.
5.	FOR PARTIALLY DEMOLISHED WALLS, CUT TO A NEAT LINE UNLESS OTHERWISE NOTED. REMOVE EXISTING FLOORING AND BASE SHOE WHERE OCCURS.	D4.1	Remove existing hollow clay tile wall, prepare for new work.	D9.8	Remove existing stucco soffit.	D10.8	Remove existing concrete stair and landing. Remove existing handrails.
6.	UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING LIGHTING. SALVAGE HISTORIC FIXTURES FOR REINSTALLATION.	D4.2	Remove portion of existing hollow clay tile wall.	D9.9	Remove, salvage and catalog existing scagliola panels, marble base and handrails for reinstallation.	D10.9	Remove existing historic handrails, preserve for reinstallation.
7.	FOR EXTERIOR DEMOLITION SEE DEMOLITION ELEVATIONS FOR CLARIFICATION. SEE SURVEY REPORT BY ECD COMPLIANCE CORP. FOR HAZARDOUS MATERIAL ABATEMENT SCOPE. DO NOT RELY ON THE DEMO DRAWINGS TO SHOW COMPLETE SCOPE.	D4.3	Remove portion of existing hollow clay tile wall to accommodate mech grille, see interior elevation for location.	D9.11	Remove existing spc ceiling, prepare for new work.	D10.10	Remove existing auditorium seats, salvage and panels for reinstallation at new seats.
DEMOLITION SYMBOL LEGEND		D5.1	Remove existing wood catwalk, stairs and supports.	D9.12	Remove existing finishes and turring, salvage and catalog marble, door frames, wood wainscot, trim and grilles for reinstallation.	D11.1	Remove existing telephones.
	EXISTING ITEMS TO REMAIN	D6.1	Remove existing wood sill and grille, salvage grille for reinstallation.	D9.13	Remove existing carpet, linoleum and/or cork flooring where occurs, protect existing masonite, remove base shoe where occurs.	D15.1	Remove existing hvac registers, grilles, diffusers, ductwork and accessories per mechanical.
	ITEMS TO BE REMOVED	D6.2	Remove existing automatic door opener pad at floor.	D9.14	Remove existing base, wainscot and trim.	D15.2	Remove existing plumbing fixture(s).
	AREAS TO BE REMOVED	D6.3	Remove existing window, prepare for new work.	D9.15	Remove and salvage portion of existing imitation travertine panels.	D15.3	Remove existing grille and salvage for reuse.
	TERRAZZO OR W/O FLOORING AND W/O BASE TO BE REMOVED	D6.4	Remove and salvage existing window, prepare for new work.	D9.16	Remove existing turring.	D15.4	Remove existing fire dept connection.
	DEMOLITION KEYNOTE	D7.1	Remove existing metal coping, prepare for new exterior cladding system.	D9.17	Remove portion of existing partition.	D16.1	Remove existing non-historic light fixtures and/or track.
		D7.2	Remove existing downspouts and scuppers.	D9.18	Remove existing plaster finish on walls to receive FRP, see structural.	D16.2	Remove existing fire alarm devices.
		D7.3	Remove existing roof ladder.	D9.19	Remove existing exhibit walls and platforms.	D16.4	Remove existing exit sign and salvage for reuse.
		D7.4	Remove existing downspouts and scuppers, salvage for reinstallation.	D9.20	Remove existing suspended lath and plaster ceiling with applied acoustical ceiling tiles.	D16.5	Remove existing light fixture, salvage for re-installation.
		D8.1	Remove existing door and frame.	D9.21	Remove existing suspended lath and plaster ceiling.	D17.1	Remove existing light fixture in place.
		D8.2	Remove existing automatic door opener pad at floor.	D10.2	Remove existing louver/vent, see mechanical demolition.	D17.2	Remove historical clock/accessories, salvage for re-installation.
		D8.3	Remove existing window, prepare for new work.				
		D8.4	Remove and salvage existing window, prepare for new work.				



1 LEVEL 3 EXISTING/DEMO
1/8" = 1'-0"



LMN Architecture
Urban Design
Interiors

6641 REGISTERED ARCHITECT
W. M. MOORE
W. M. MOORE ARCHITECT
STATE OF WASHINGTON

SAM ASIAN ART MUSEUM

Asian Art Museum Expansion & Renovation
Volunteer Park / 1400 E Prospect /
Seattle, WA 98112

Submit

Revisions	No.	Date	Description
	1	7/12/17	ADDENDUM #1

Drawn: [blank]
Checked: [blank]
Author: [blank]
LMN Proj No: 16028.01
Date: 6/23/17

Sheet Title: Demo Plan - Level 3
Sheet Number: [blank]

A103

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DEMOLITION GENERAL NOTES

- PROTECT EXISTING TO REMAIN ITEMS TYPICALLY.
- DEMOLITION PLANS DO NOT SHOW ALL LOCATIONS OR FULL SCOPE OF REQUIRED DEMOLITION OR CUTTING AND PATCHING. REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE AND LOW VOLTAGE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES FOR REMOVAL OR INSTALLATION OF NEW WORK WITH THE EXISTING BUILDING. PATCH WALLS AND FLOORS TO REMAIN AFTER DEMOLITION TYPICALLY.
- WHERE MECHANICAL, PLUMBING OR ELECTRICAL DEVICES ARE BEING DEMOLISHED, SEE MECH DEMOLITION DRAWINGS FOR EXTENT AND RELATED WORK.
- SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL FOR EXTENT OF UNDERGROUND UTILITIES DEMOLITION.
- FOR DEMOLISHED OPENING SIZES IN EXISTING WALLS COORDINATE WITH ARCHITECTURAL DRAWINGS AND DOOR AND WINDOW SCHEDULE FOR REQUIRED DEMOLITION.
- FOR PARTIALLY DEMOLISHED WALLS, CUT TO A NEAT LINE.
- UNLESS OTHERWISE NOTED, REMOVE EXISTING FLOORING AND BASE SHOE WHERE OCCURS.
- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING LIGHTING. SALVAGE HISTORIC FIXTURES FOR REINSTALLATION.
- FOR EXTERIOR DEMOLITION SEE DEMOLITION ELEVATIONS FOR CLARIFICATION. SEE SURVEY REPORT BY ECO COMPLIANCE CORP. FOR HAZARDOUS MATERIAL ADJUSTMENT SCOPE. DO NOT RELY ON THE DEMO DRAWINGS TO SHOW COMPLETE SCOPE.

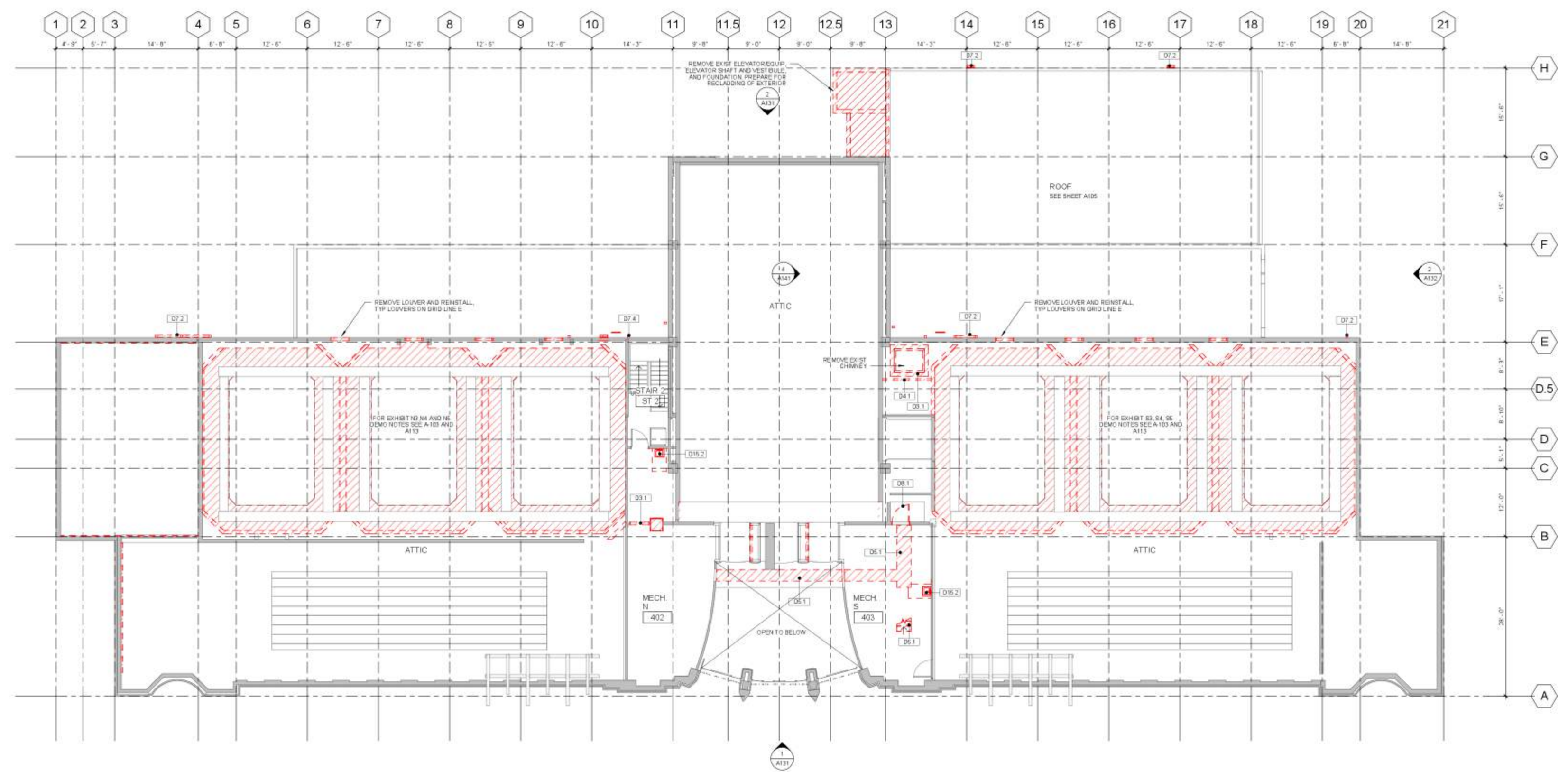
DEMOLITION SYMBOL LEGEND

	EXISTING ITEMS TO REMAIN
	ITEMS TO BE REMOVED
	AREAS TO BE REMOVED
	TERRAZZO OR WD FLOORING AND WD BASE TO BE REMOVED
	DEMOLITION KEYNOTE

DEMOLITION KEYNOTES	
Key Value	
D2.4	Remove portions of existing concrete slab to accept new work.
D3.1	Remove portions of the existing concrete wall to accept new work.
D3.2	Remove portion of existing brick infill wall, coordinate with mechanical for extend of demolition.
D3.3	Remove portions of existing roofing and slab to accept new work.
D4.1	Remove existing hollow clay tile wall, prepare for new work.
D4.2	Remove portion of existing hollow clay tile wall.
D4.3	Remove portion of existing hollow clay tile wall to accommodate mech grille, see interior elevation for location.
D5.1	Remove existing wood catwalk, stairs and supports.
D6.1	Remove existing wood sill and grille, salvage grille for reinstallation.
D7.1	Remove existing metal coping, prepare for new exterior cladding system.
D7.2	Remove existing downspouts and scuppers.
D7.3	Remove existing roof ladder.
D7.4	Remove existing downspouts and scuppers, salvage for reinstallation.
D8.1	Remove existing door and frame.
D8.2	Remove existing automatic door opener pad at floor.
D8.3	Remove existing window, prepare for new work.
D8.4	Remove and salvage existing window, prepare for new work.
D9.1	Remove existing suspended lath and plaster ceiling with applied acoustical ceiling tiles.
D9.2	Remove existing suspended lath and plaster ceiling.

DEMOLITION KEYNOTES	
Key Value	
D9.3	Remove portion of existing plaster soffit to accommodate diffusers, coordinate with mechanical.
D9.5	Remove existing finishes and furring, salvage and catalog marble, scagliola, door frames, wood wainscot, trim and grilles for reinstallation. Protect existing plaster ceiling.
D9.6	Remove existing interior partition in its entirety including door(s) and frame(s).
D9.7	Remove existing skylight inlay panels only, steel grid to remain.
D9.8	Remove existing stucco soffit.
D9.9	Remove, salvage and catalog existing scagliola panels, marble base and handrails for reinstallation.
D9.11	Remove existing apc ceiling, prepare for new work.
D9.12	Remove existing finishes and furring, salvage and catalog marble, door frames, wood wainscot, trim and grilles for reinstallation.
D9.13	Remove existing carpet, linoleum and/or cork flooring where occurs, protect existing masonry, remove base shoe where occurs.
D9.14	Remove existing base, wainscot and trim.
D9.15	Remove and salvage portion of existing imitation travertine panels.
D9.16	Remove existing furring.
D9.17	Remove portion of existing partition.
D9.18	Remove existing plaster finish on walls to receive FRP, see structural.
D9.19	Remove existing exhibit walls and platforms.
D10.1	Remove existing toilet/urinal partitions.
D10.2	Remove existing louver/vent, see mechanical demolition.

DEMOLITION KEYNOTES	
Key Value	
D10.3	Remove existing restroom accessories.
D10.5	Remove existing art storage racks and hangers.
D10.6	Remove existing metal stairs and landings.
D10.7	Remove existing vinyl tread and riser covers, protect existing terrazzo.
D10.8	Remove existing concrete stair and landing. Remove existing handrails.
D10.9	Remove existing historic handrails, preserve for reinstallation.
D10.10	Remove existing auditorium seats, salvage end-panels for reinstallation at new seats.
D11.1	Remove existing telephones.
D15.1	Remove existing hvac registers, grilles, diffusers, ductwork and accessories per mechanical.
D15.2	Remove existing plumbing fixture(s).
D15.3	Remove existing grille and salvage for reuse.
D15.4	Remove existing fire dept connection.
D16.1	Remove existing non-historic light fixtures and/or track.
D16.2	Remove existing fire alarm devices.
D16.4	Remove existing exit sign and salvage for reuse.
D16.5	Remove existing light fixture, salvage for re-installation.
D16.6	Protect existing light fixture in place.
D17.1	Remove plaque/sign and salvage for reuse.
D17.2	Remove historical clock/accessories, salvage for re-installation.



1 LEVEL 4 ATTIC - EXISTING/DEMO
1/8" = 1'-0"



LMN Architecture
Urban Design
Interiors

6641 REGISTERED ARCHITECT
SARAH M. MOSEYER MILLER
STATE OF WASHINGTON

SAM ASIAN ART MUSEUM

Asian Art Museum Expansion & Renovation
Volunteer Park / 1400 E Prospect /
Seattle, WA 98112

Submitted

Construction Documents

Revisions
No. Date Description

Drawn: LMN Proj No
Checked: LMN Proj No
Date: 6/23/17

Author: 16028.01
Checked: 16028.01

Sheet Title: Demo Plan - Level 4 Mezz/Attic
Sheet Number: A104

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Seattle, Washington 98104
T 206 892 3460
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A104

DEMOLITION GENERAL NOTES

- PROTECT EXISTING TO REMAIN ITEMS TYPICALLY
- DEMOLITION PLANS DO NOT SHOW ALL LOCATIONS OR FULL SCOPE OF REQUIRED DEMOLITION OR CUTTING AND PATCHING. REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE AND LOW VOLTAGE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES FOR REMOVAL OR INSTALLATION OF NEW WORK IN THE EXISTING BUILDING. PATCH WALLS AND FLOORS TO REMAIN AFTER DEMOLITION. TYPICALLY
- WHERE MECHANICAL, PLUMBING OR ELECTRICAL DEVICES ARE BEING DEMOLISHED, SEE MEP DEMOLITION DRAWINGS FOR EXTENT AND RELATED WORK
- SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL FOR EXTENT OF UNDERGROUND UTILITIES DEMOLITION
- FOR DEMOLISHED OPENING SIZES IN EXISTING WALLS COORDINATE WITH ARCHITECTURAL DRAWINGS AND DOOR AND WINDOW SCHEDULE FOR REQUIRED DEMOLITION
- FOR PARTIALLY DEMOLISHED WALLS, CUT TO A NEAT LINE
- UNLESS OTHERWISE NOTED, REMOVE EXISTING FLOORING AND BASE SHOE WHERE OCCURS
- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING LIGHTING. SALVAGE HISTORIC FIXTURES FOR REINSTALLATION
- FOR EXTERIOR DEMOLITION SEE DEMOLITION ELEVATIONS FOR CLARIFICATION
- SEE SURVEY REPORT BY ECO COMPLIANCE CORP. FOR HAZARDOUS MATERIAL ABATEMENT SCOPE. DO NOT RELY ON THE DEMO DRAWINGS TO SHOW COMPLETE SCOPE

DEMOLITION SYMBOL LEGEND

	EXISTING ITEMS TO REMAIN
	ITEMS TO BE REMOVED
	AREAS TO BE REMOVED
	TERRAZZO OR WD FLOORING AND WD BASE TO BE REMOVED
	DEMOLITION KEYNOTE

DEMOLITION KEYNOTES

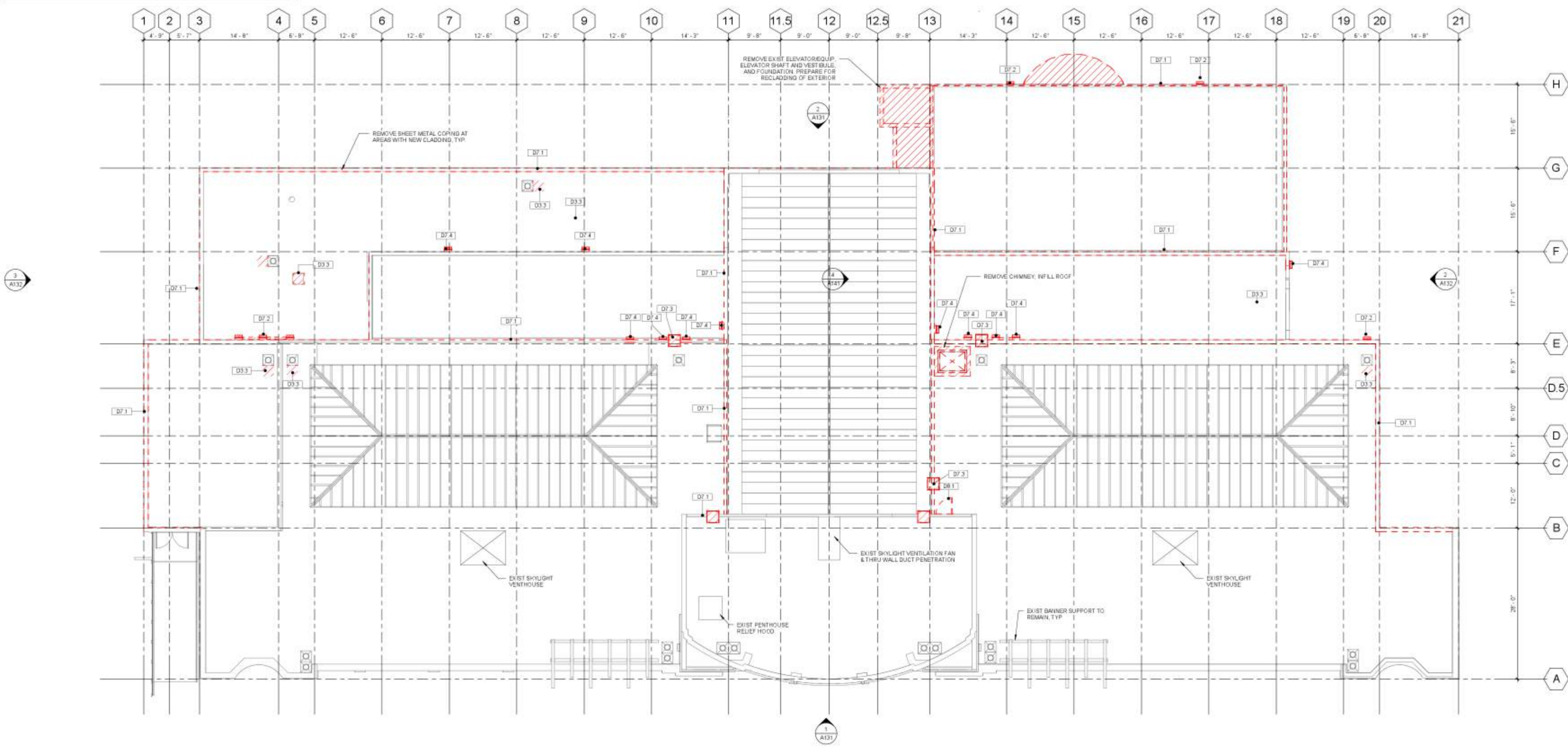
Key Value	Description
D2.4	Remove portions of existing concrete slab to accept new work
D3.1	Remove portions of the existing concrete wall to accept new work
D3.2	Remove portion of existing brick infill wall, coordinate with mechanical for extend of demolition
D3.3	Remove portions of existing roofing and slab to accept new work
D4.1	Remove existing hollow clay tile wall, prepare for new work
D4.2	Remove portion of existing hollow clay tile wall
D4.3	Remove portion of existing hollow clay tile wall to accommodate mech grille, see interior elevation for location
D5.1	Remove existing wood catwalk, stairs and supports
D6.1	Remove existing metal sill and grille, salvage grille for reinstallation
D7.1	Remove existing wood catwalk, prepare for new exterior cladding system
D7.2	Remove existing downspouts and scuppers
D7.3	Remove existing roof ladder
D7.4	Remove existing downspouts and scuppers, salvage for reinstallation
D8.1	Remove existing door and frame
D8.2	Remove existing automatic door opener pad at floor
D8.3	Remove existing window, prepare for new work
D8.4	Remove and salvage existing window, prepare for new work
D9.1	Remove existing suspended lath and plaster ceiling with applied acoustical ceiling tiles
D9.2	Remove existing suspended lath and plaster ceiling

DEMOLITION KEYNOTES

Key Value	Description
D9.3	Remove portion of existing plaster soffit to accommodate diffusers, coordinate with mechanical
D9.5	Remove existing finishes and furring, salvage and catalog marble, scagliola, door frames, wood wainscot, trim and grilles for reinstallation. Protect existing plaster ceiling
D9.6	Remove existing interior partition in its entirety including door(s) and frame(s)
D9.7	Remove existing skylight inlay panels only, steel grid to remain
D9.8	Remove existing stucco soffit
D9.9	Remove, salvage and catalog existing scagliola panels, marble base and handrails for reinstallation
D9.11	Remove existing apc ceiling, prepare for new work
D9.12	Remove existing finishes and furring, salvage and catalog marble, door frames, wood wainscot, trim and grilles for reinstallation
D9.13	Remove existing carpet, linoleum and/or cork flooring where occurs, protect existing masonry, remove base shoe where occurs
D9.14	Remove existing base, wainscot and trim
D9.15	Remove and salvage portion of existing imitation travertine panels
D9.16	Remove existing furring
D9.17	Remove portion of existing partition
D9.18	Remove existing plaster finish on walls to receive FRP, see structural
D9.19	Remove existing exhibit walls and platforms
D10.1	Remove existing toilet/urinal partitions
D10.2	Remove existing louver/vent, see mechanical demolition

DEMOLITION KEYNOTES

Key Value	Description
D10.3	Remove existing restroom accessories
D10.5	Remove existing art storage racks and hangers
D10.6	Remove existing metal stairs and landings
D10.7	Remove existing vinyl tread and riser covers, protect existing terrazzo
D10.8	Remove existing concrete stair and landing. Remove existing handrails
D10.9	Remove existing historic handrails, preserve for reinstallation
D10.10	Remove existing auditorium seats, salvage end-panels for reinstallation at new seats
D11.1	Remove existing telephones
D15.1	Remove existing hvac registers, grilles, diffusers, ductwork and accessories per mechanical
D15.2	Remove existing plumbing fixture(s)
D15.3	Remove existing grille and salvage for reuse
D15.4	Remove existing fire dept connection
D16.1	Remove existing non-historic light fixtures and/or track
D16.2	Remove existing fire alarm devices
D16.4	Remove existing exit sign and salvage for reuse
D16.5	Remove existing light fixture, salvage for reinstallation
D16.6	Protect existing light fixture in place
D17.1	Remove plaque/sign and salvage for reuse
D17.2	Remove historical clock/accessories, salvage for re-installation



1 ROOF PLAN - EXISTING/DEMO
 1/8" = 1'-0"



Asian Art Museum Expansion & Renovation
 Volunteer Park / 1400 E Prospect / Seattle, WA 98112

Revisions	No.	Date	Description
Submitted			

Drawn: LMN Proj No
 Checked: LMN Proj No
 Date: 6/23/17

Sheet Title	Sheet Number
Demo Plan - Roof	A105

A105

Please PRINT to 11x17

DEMOLITION GENERAL NOTES

- PROTECT EXISTING TO REMAIN ITEMS TYPICALLY
- DEMOLITION PLANS DO NOT SHOW ALL LOCATIONS OR FULL SCOPE OF REQUIRED DEMOLITION OR CUTTING AND PATCHING. REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE AND LOW VOLTAGE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES FOR REMOVAL OR INSTALLATION OF NEW WORK IN THE EXIST BUILDING. PATCH WALLS AND FLOORS TO REMAIN AFTER DEMOLITION. TYPICALLY
- WHERE MECHANICAL, PLUMBING OR ELECTRICAL DEVICES ARE BEING DEMOLISHED, SEE MECH/DEMOLITION DRAWINGS FOR EXTENT AND RELATED WORK
- SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL FOR EXTENT OF UNDERGROUND UTILITIES DEMOLITION
- FOR DEMOLISHED OPENING SIZES IN EXISTING WALLS COORDINATE WITH ARCHITECTURAL DRAWINGS AND DOOR AND WINDOW SCHEDULE FOR REQUIRED DEMOLITION
- FOR PARTIALLY DEMOLISHED WALLS, CUT TO A NEAT LINE
- UNLESS OTHERWISE NOTED, REMOVE EXISTING FLOORING AND BASE SHOE WHERE OCCURS
- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING LIGHTING. SALVAGE HISTORIC FIXTURES FOR REINSTALLATION
- FOR EXTERIOR DEMOLITION SEE DEMOLITION ELEVATIONS FOR CLARIFICATION
- SEE SURVEY REPORT BY EDC COMPLIANCE CORP. FOR HAZARDOUS MATERIAL ABATEMENT SCOPE. DO NOT RELY ON THE DEMO DRAWINGS TO SHOW COMPLETE SCOPE

DEMOLITION SYMBOL LEGEND

- EXISTING ITEMS TO REMAIN
- ITEMS TO BE REMOVED
- AREAS TO BE REMOVED
- TERRAZZO OR WD FLOORING AND WD BASE TO BE REMOVED
- DEMOLITION KEYNOTE

DEMOLITION KEYNOTES

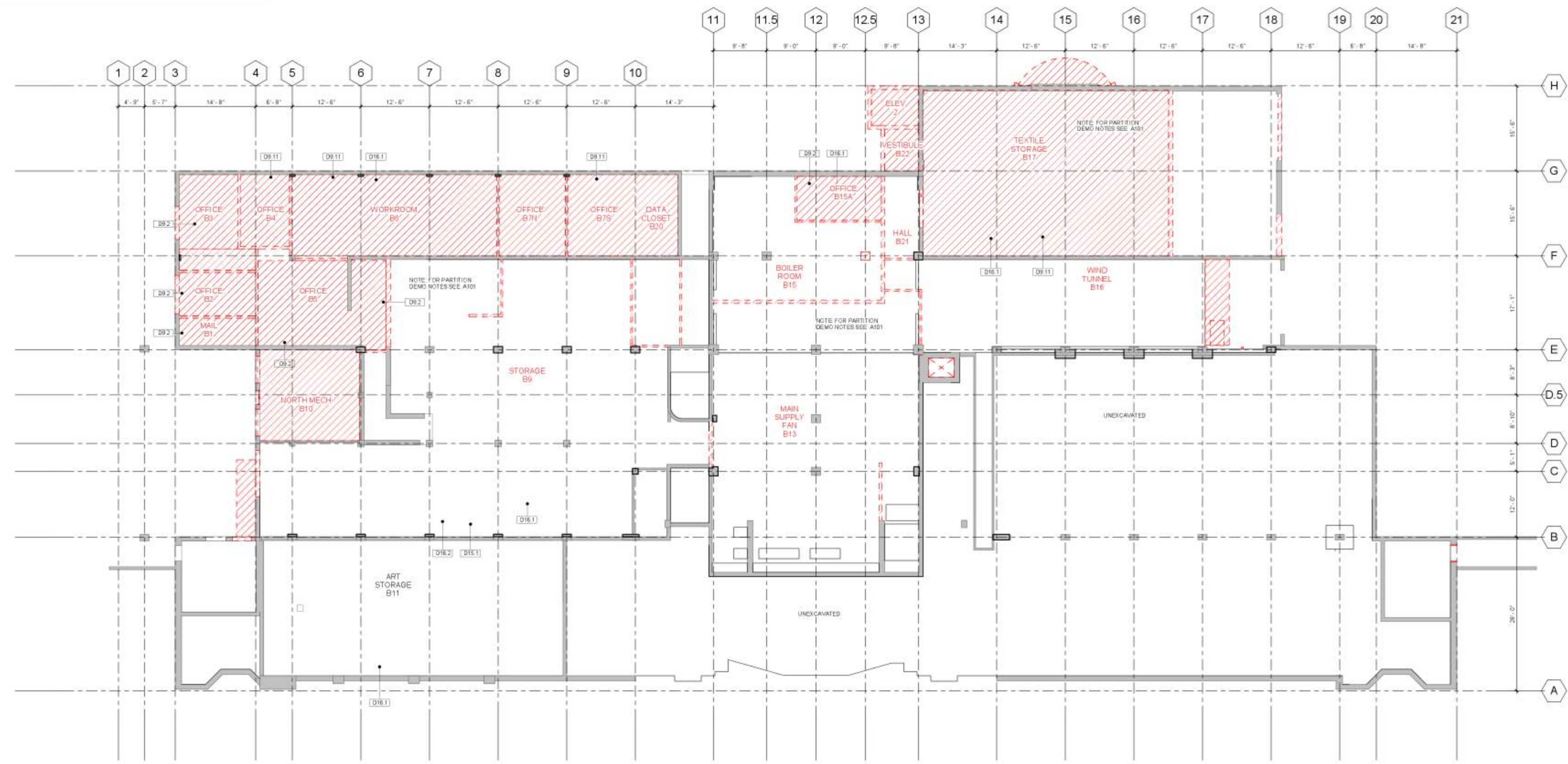
Key Value	Description
D2.4	Remove portions of existing concrete slab to accept new work
D3.1	Remove portions of the existing concrete wall to accept new work
D3.2	Remove portion of existing brick infill wall, coordinate with mechanical for extend of demolition
D3.3	Remove portions of existing roofing and slab to accept new work
D4.1	Remove existing hollow clay tile wall, prepare for new work
D4.2	Remove portion of existing hollow clay tile wall
D4.3	Remove portion of existing hollow clay tile wall to accommodate mech grille, see interior elevation for location
D5.1	Remove existing wood catwalk, stairs and supports
D6.1	Remove existing wood sill and grille, salvage grille for reinstallation
D7.1	Remove existing metal coping, prepare for new exterior cladding system
D7.2	Remove existing downspouts and scuppers
D7.3	Remove existing roof ladder
D7.4	Remove existing downspouts and scuppers, salvage for reinstallation
D8.1	Remove existing door and frame
D8.2	Remove existing automatic door opener pad at floor
D8.3	Remove existing window, prepare for new work
D8.4	Remove and salvage existing window, prepare for new work
D9.1	Remove existing suspended lath and plaster ceiling with applied acoustical ceiling tiles
D9.2	Remove existing suspended lath and plaster ceiling

DEMOLITION KEYNOTES

Key Value	Description
D9.3	Remove portion of existing plaster soffit to accommodate diffusers, coordinate with mechanical
D9.5	Remove existing finishes and furring, salvage and catalog marble, scagliola, door frames, wood wainscot, trim and grilles for reinstallation. Protect existing plaster ceiling
D9.6	Remove existing interior partition in its entirety including door(s) and frame(s)
D9.7	Remove existing skylight inlay panels only, steel grid to remain
D9.8	Remove existing stucco soffit
D9.9	Remove, salvage and catalog existing scagliola panels, marble base and handrails for reinstallation
D9.11	Remove existing apr ceiling, prepare for new work
D9.12	Remove existing finishes and furring, salvage and catalog marble, door frames, wood wainscot, trim and grilles for reinstallation
D9.13	Remove existing carpet, linoleum and/or cork flooring where occurs, protect existing masonry, remove base shoe where occurs
D9.14	Remove existing base, wainscot and trim
D9.15	Remove and salvage portion of existing imitation travertine panels
D9.16	Remove existing furring
D9.17	Remove portion of existing partition
D9.18	Remove existing plaster finish on walls to receive FRP, see structural
D9.19	Remove existing exhibit walls and platforms
D10.1	Remove existing toilet/urinal partitions
D10.2	Remove existing louvers/vent, see mechanical demolition

DEMOLITION KEYNOTES

Key Value	Description
D10.3	Remove existing restroom accessories
D10.5	Remove existing art storage racks and hangers
D10.6	Remove existing metal stairs and landings
D10.7	Remove existing vinyl tread and riser covers, protect existing terrazzo
D10.8	Remove existing concrete stair and landing. Remove existing handrails
D10.9	Remove existing historic handrails, preserve for reinstallation
D10.10	Remove existing auditorium seats, salvage end-panels for reinstallation at new seats
D11.1	Remove existing telephones
D15.1	Remove existing hvac registers, grilles, diffusers, ductwork and accessories per mechanical
D15.2	Remove existing plumbing fixture(s)
D15.3	Remove existing grille and salvage for reuse
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D16.2	Remove existing fire alarm devices
D16.4	Remove existing exit sign and salvage for reuse
D16.5	Remove existing light fixture, salvage for re-installation
D16.6	Protect existing light fixture in place
D17.1	Remove plaque/sign and salvage for reuse
D17.2	Remove historical clock/accessories, salvage for re-installation



1 LEVEL 1 DEMO RCP
1/8" = 1'-0"



Asian Art Museum Expansion & Renovation
Volunteer Park / 1400 E Prospect / Seattle, WA 98112

Revisions

No.	Date	Description

Drawn: LMM
Checked: LMM
Author: 16028.01
Date: 6/23/17

Demo RCP - Level 1

A111

DEMOLITION GENERAL NOTES

- PROTECT EXISTING TO REMAIN ITEMS TYPICALLY.
- DEMOLITION PLANS DO NOT SHOW ALL LOCATIONS OR FULL SCOPE OF REQUIRED DEMOLITION OR CUTTING AND PATCHING. REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE AND LOW VOLTAGE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES FOR REMOVAL OR INSTALLATION OF NEW WORK IN THE EXIST BUILDING. PATCH WALLS AND FLOORS TO REMAIN AFTER DEMOLITION, TYPICALLY.
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- SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL FOR EXTENT OF UNDERGROUND UTILITIES DEMOLITION.
- FOR DEMOLISHED OPENING SIZES IN EXISTING WALLS COORDINATE WITH ARCHITECTURAL DRAWINGS AND DOOR AND WINDOW SCHEDULE FOR REQUIRED DEMOLITION.
- FOR PARTIALLY DEMOLISHED WALLS, CUT TO A NEAT LINE.
- UNLESS OTHERWISE NOTED, REMOVE EXISTING FLOORING AND BASE SHOE WHERE OCCURS.
- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING LIGHTING. SALVAGE HISTORIC FIXTURES FOR REINSTALLATION.
- FOR EXTERIOR DEMOLITION SEE DEMOLITION ELEVATIONS FOR CLARIFICATION.
- SEE SURVEY REPORT BY ECO COMPLIANCE CORP. FOR HAZARDOUS MATERIAL ABANDONMENT SCOPE. DO NOT RELY ON THE DEMO DRAWINGS TO SHOW COMPLETE SCOPE.

DEMOLITION SYMBOL LEGEND

	EXISTING ITEMS TO REMAIN
	ITEMS TO BE REMOVED
	AREAS TO BE REMOVED
	TERRAZZO OR WD FLOORING AND WD BASE TO BE REMOVED
	DEMOLITION KEYNOTE

DEMOLITION KEYNOTES

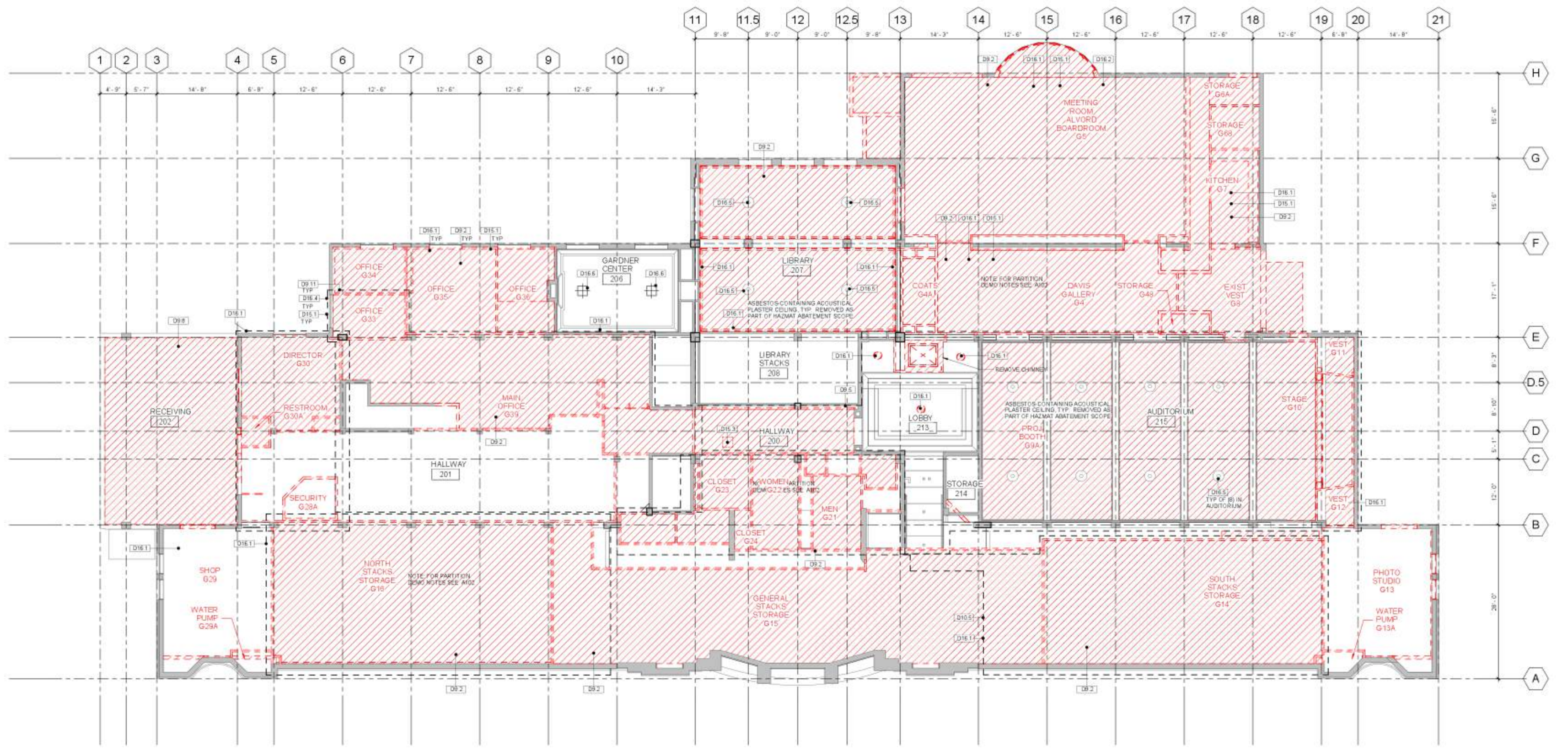
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D6.1	Remove existing wood sill and grille, salvage grille for reinstallation
D7.1	Remove existing metal coping, prepare for new exterior cladding system
D7.2	Remove existing downspouts and scuppers
D7.3	Remove existing roof ladder
D7.4	Remove existing downspouts and scuppers, salvage for reinstallation
D8.1	Remove existing door and frame
D8.2	Remove existing automatic door opener pad at floor
D8.3	Remove existing window, prepare for new work
D8.4	Remove and salvage existing window, prepare for new work
D9.1	Remove existing suspended lath and plaster ceiling with applied acoustical ceiling tiles
D9.2	Remove existing suspended lath and plaster ceiling

DEMOLITION KEYNOTES

Key Value	Description
D9.3	Remove portion of existing plaster soffit to accommodate diffusers, coordinate with mechanical
D9.5	Remove existing finishes and furring, salvage and catalog marble, scagliola, door frames, wood wainscot, trim and grilles for reinstallation. Protect existing plaster ceiling
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D9.17	Remove portion of existing partition
D9.18	Remove existing plaster finish on walls to receive FRP, see structural
D9.19	Remove existing exhibit walls and platforms
D10.1	Remove existing toilet/urinal partitions
D10.2	Remove existing louver/vent, see mechanical demolition

DEMOLITION KEYNOTES

Key Value	Description
D10.3	Remove existing restroom accessories
D10.5	Remove existing art storage racks and hangers
D10.6	Remove existing metal stairs and landings
D10.7	Remove existing vinyl tread and riser covers, protect existing terrazzo
D10.8	Remove existing concrete stair and landing. Remove existing handrails
D10.9	Remove existing historic handrails, preserve for reinstallation
D10.10	Remove existing auditorium seats, salvage end-panels for reinstallation at new seats
D11	Remove existing telephones
D15.1	Remove existing hvac registers, grilles, diffusers, ductwork and accessories per mechanical
D15.2	Remove existing plumb fixture(s)
D15.3	Remove existing grille and salvage for reuse
D15.4	Remove existing fire dept connection
D16.1	Remove existing non-historic light fixtures and/or track
D16.2	Remove existing fire alarm devices
D16.4	Remove existing exit sign and salvage for reuse
D16.5	Remove existing light fixture, salvage for re-installation
D16.6	Protect existing light fixture in place
D17.1	Remove plaque/sign and salvage for reuse
D17.2	Remove historical clock/accessories, salvage for re-installation



1 LEVEL 2 DEMO RCP
A112 1/8" = 1'-0"



LMN Architecture
Urban Design
Interiors

6641 REGISTERED ARCHITECT
JAMES M. MILLER
STATE OF WASHINGTON

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SAM ASIAN ART MUSEUM

Asian Art Museum Expansion & Renovation
Volunteer Park / 1400 E Prospect /
Seattle, WA 98112

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Construction Documents

Revisions
No. Date Description

Drawn: LMN Proj No
Checked: LMN Proj No
Author: 16028.01
Date: 6/23/17

Sheet Title

Demo RCP - Level 2

A112

Please PRINT 10:46:51 AM

DEMOLITION GENERAL NOTES

- PROTECT EXISTING TO REMAIN ITEMS TYPICALLY
- DEMOLITION PLANS DO NOT SHOW ALL LOCATIONS OR FULL SCOPE OF REQUIRED DEMOLITION OR CUTTING AND PATCHING. REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE AND LOW VOLTAGE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE ALL TRADES FOR REMOVAL OR INSTALLATION OF NEW WORK IN THE EXISTING BUILDING. PATCH WALLS AND FLOORS TO REMAIN AFTER DEMOLITION. TYPICALLY
- WHERE MECHANICAL, PLUMBING OR ELECTRICAL DEVICES ARE BEING DEMOLISHED, SEE MEPV DEMOLITION DRAWINGS FOR EXTENT AND RELATED WORK
- SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL FOR EXTENT OF UNDERGROUND UTILITIES DEMOLITION
- FOR DEMOLISHED OPENING SIZES IN EXISTING WALLS COORDINATE WITH ARCHITECTURAL DRAWINGS AND DOOR AND WINDOW SCHEDULE FOR REQUIRED DEMOLITION
- FOR PARTIALLY DEMOLISHED WALLS, CUT TO A NEAT LINE
- UNLESS OTHERWISE NOTED, REMOVE EXISTING FLOORING AND BASE SHOE WHERE OCCURS
- UNLESS OTHERWISE NOTED, REMOVE ALL EXISTING LIGHTING. SALVAGE HISTORIC FIXTURES FOR REINSTALLATION
- FOR EXTERIOR DEMOLITION SEE DEMOLITION ELEVATIONS FOR CLARIFICATION
- SEE SURVEY REPORT BY ECO COMPLIANCE CORP. FOR HAZARDOUS MATERIAL ABATEMENT SCOPE. DO NOT RELY ON THE DEMO DRAWINGS TO SHOW COMPLETE SCOPE

DEMOLITION SYMBOL LEGEND

- EXISTING ITEMS TO REMAIN
- ITEMS TO BE REMOVED
- AREAS TO BE REMOVED
- TERRAZZO OR WD FLOORING AND WD BASE TO BE REMOVED
- DEMOLITION KEYNOTE

DEMOLITION KEYNOTES

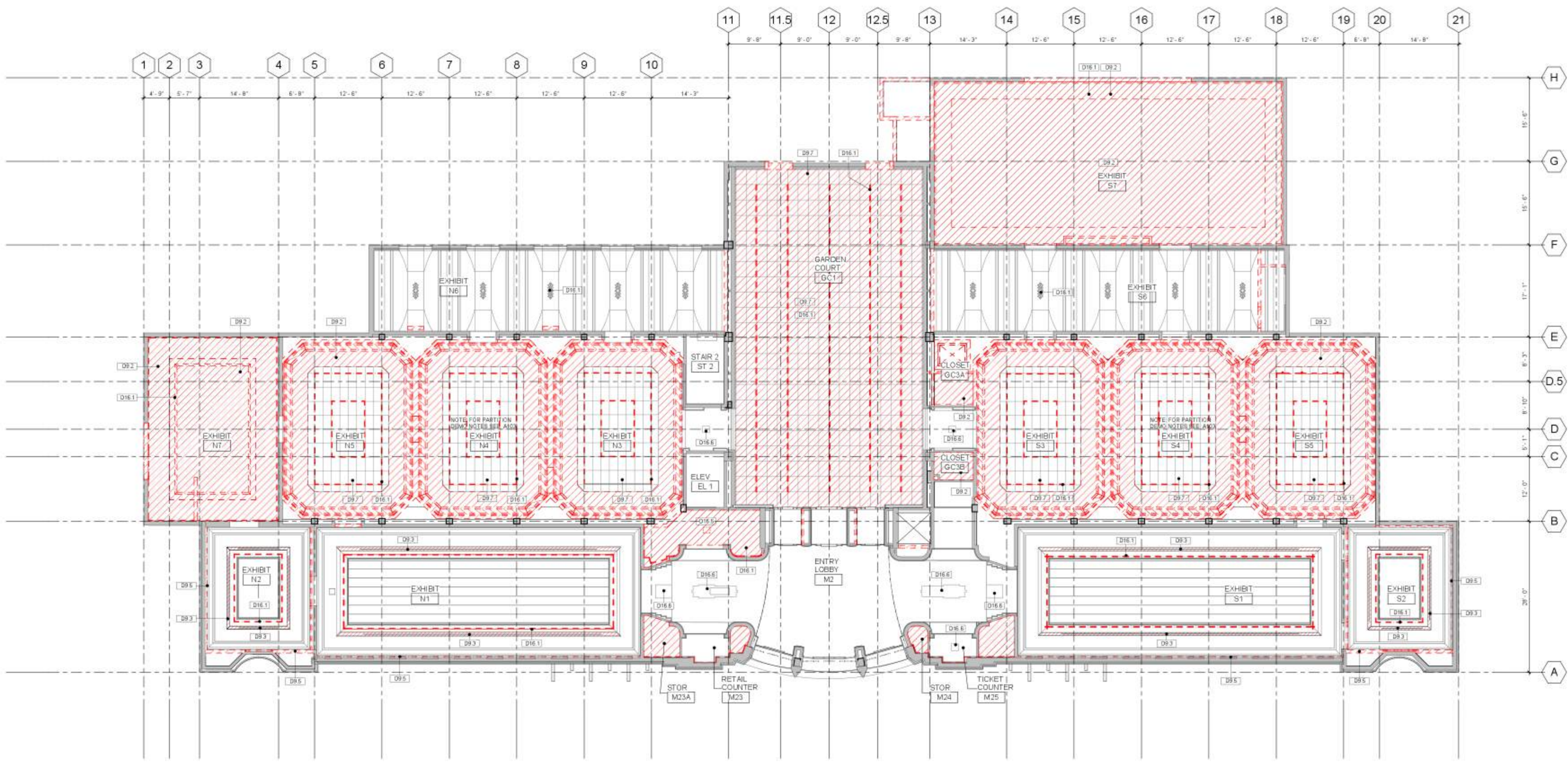
Key Value	Description
D2.4	Remove portions of existing concrete slab to accept new work
D3.1	Remove portions of the existing concrete wall to accept new work
D3.2	Remove portion of existing brick infill wall, coordinate with mechanical for extend of demolition
D3.3	Remove portions of existing roofing and slab to accept new work
D4.1	Remove existing hollow clay tile wall, prepare for new work
D4.2	Remove portion of existing hollow clay tile wall
D4.3	Remove portion of existing hollow clay tile wall to accommodate mech grille, see interior elevation for location
D5.1	Remove existing wood catwalk, stairs and supports
D6.1	Remove existing metal sill and grille, salvage grille for reinstallation
D7.1	Remove existing metal coping, prepare for new exterior cladding system
D7.2	Remove existing downspouts and scuppers
D7.3	Remove existing roof ladder
D7.4	Remove existing downspouts and scuppers, salvage for reinstallation
D8.1	Remove existing door and frame
D8.2	Remove existing automatic door opener pad at floor
D8.3	Remove existing window, prepare for new work
D8.4	Remove and salvage existing window, prepare for new work
D9.1	Remove existing suspended lath and plaster ceiling with applied acoustical ceiling tiles
D9.2	Remove existing suspended lath and plaster ceiling

DEMOLITION KEYNOTES

Key Value	Description
D9.3	Remove portion of existing plaster soffit to accommodate diffusers, coordinate with mechanical
D9.5	Remove existing finishes and furring, salvage and catalog marble, scagliola, door frames, wood wainscot, trim and grilles for reinstallation. Protect existing plaster ceiling
D9.6	Remove existing interior partition in its entirety including door(s) and frame(s)
D9.7	Remove existing skylight inlay panels only, steel grid to remain
D9.8	Remove existing stucco soffit
D9.9	Remove, salvage and catalog existing scagliola panels, marble base and handrails for reinstallation
D9.11	Remove existing apc ceiling, prepare for new work
D9.12	Remove existing finishes and furring, salvage and catalog marble, door frames, wood wainscot, trim and grilles for reinstallation
D9.13	Remove existing carpet, inoleum and/or cork flooring where occurs, protect existing masonite, remove base shoe where occurs
D9.14	Remove existing base, wainscot and trim
D9.15	Remove and salvage portion of existing imitation travertine panels
D9.16	Remove existing furring
D9.17	Remove portion of existing partition
D9.18	Remove existing plaster finish on walls to receive FRP, see structural
D9.19	Remove existing exhibit walls and platforms
D10.1	Remove existing toilet/urinal partitions
D10.2	Remove existing louver/vent, see mechanical demolition

DEMOLITION KEYNOTES

Key Value	Description
D10.3	Remove existing restroom accessories
D10.5	Remove existing art storage racks and hangers
D10.6	Remove existing metal stairs and landings
D10.7	Remove existing vinyl tread and riser covers, protect existing terrazzo
D10.8	Remove existing concrete stair and landing. Remove existing handrails
D10.9	Remove existing historic handrails, preserve for reinstallation
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D16.6	Protect existing light fixture in place
D17.1	Remove plaque/sign and salvage for reuse
D17.2	Remove historical clock/accessories, salvage for re-installation



1 LEVEL 3 DEMO RCP
 1/8" = 1'-0"



LMN Architecture
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6641 REGISTERED ARCHITECT
 DAN MCGEE
 DANIEL MONKEY MILLER
 STATE OF WASHINGTON

SAM ASIAN ART MUSEUM

Asian Art Museum Expansion & Renovation
 Volunteer Park / 1400 E Prospect /
 Seattle, WA 98112

Submittal

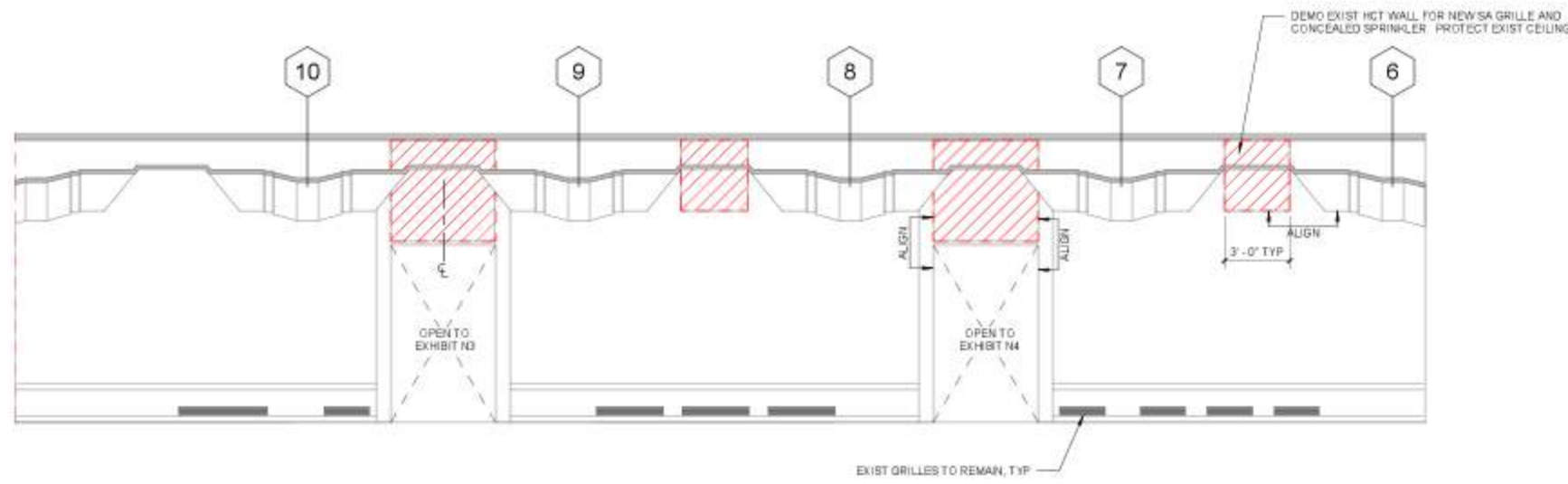
Revisions	No.	Date	Description

Drawn: LMN Proj No
 Checked: LMN Proj No
 Author: 16028.01
 Date: 6/23/17

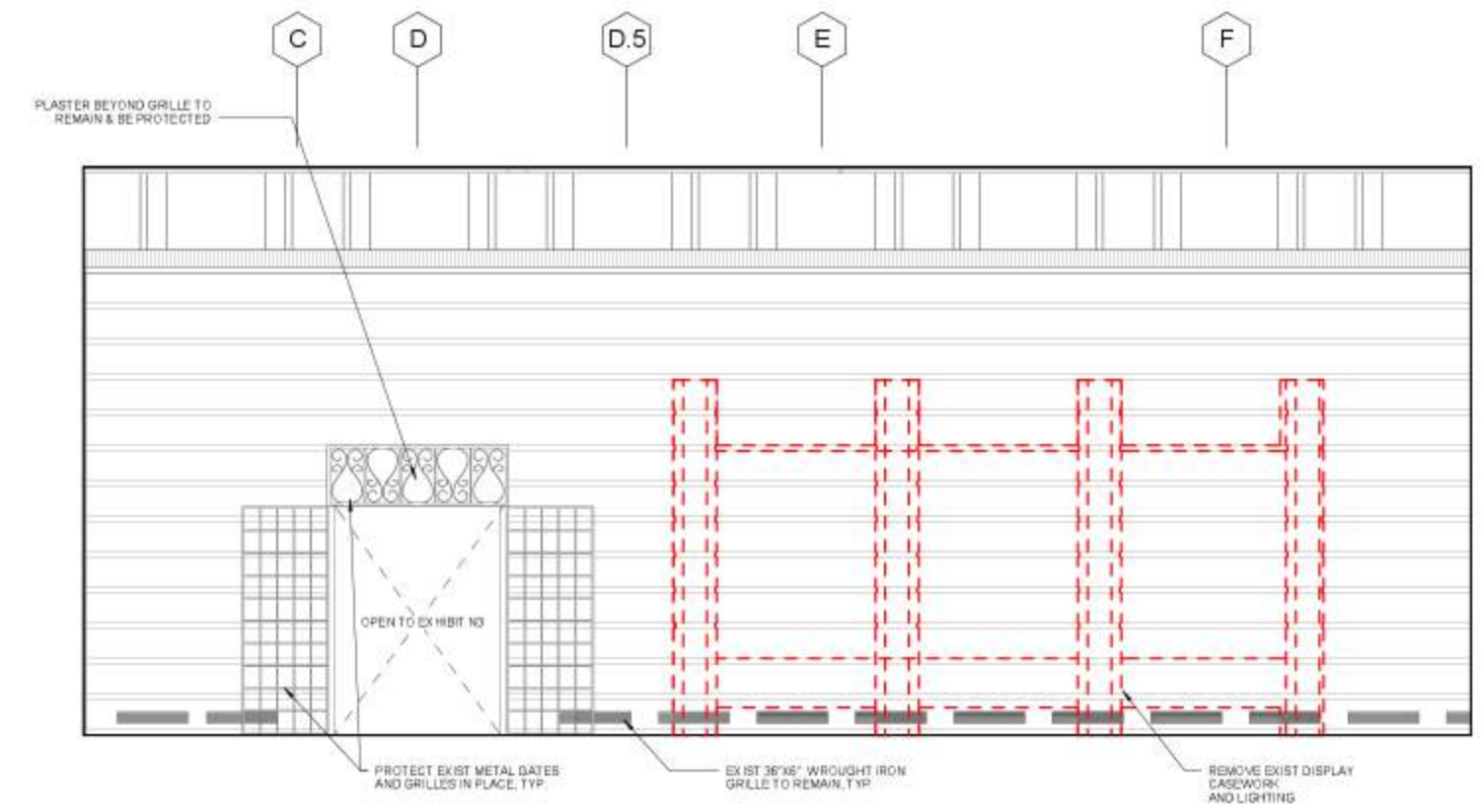
Sheet Title: Demo RCP - Level 3
 Sheet Number: 3

A113

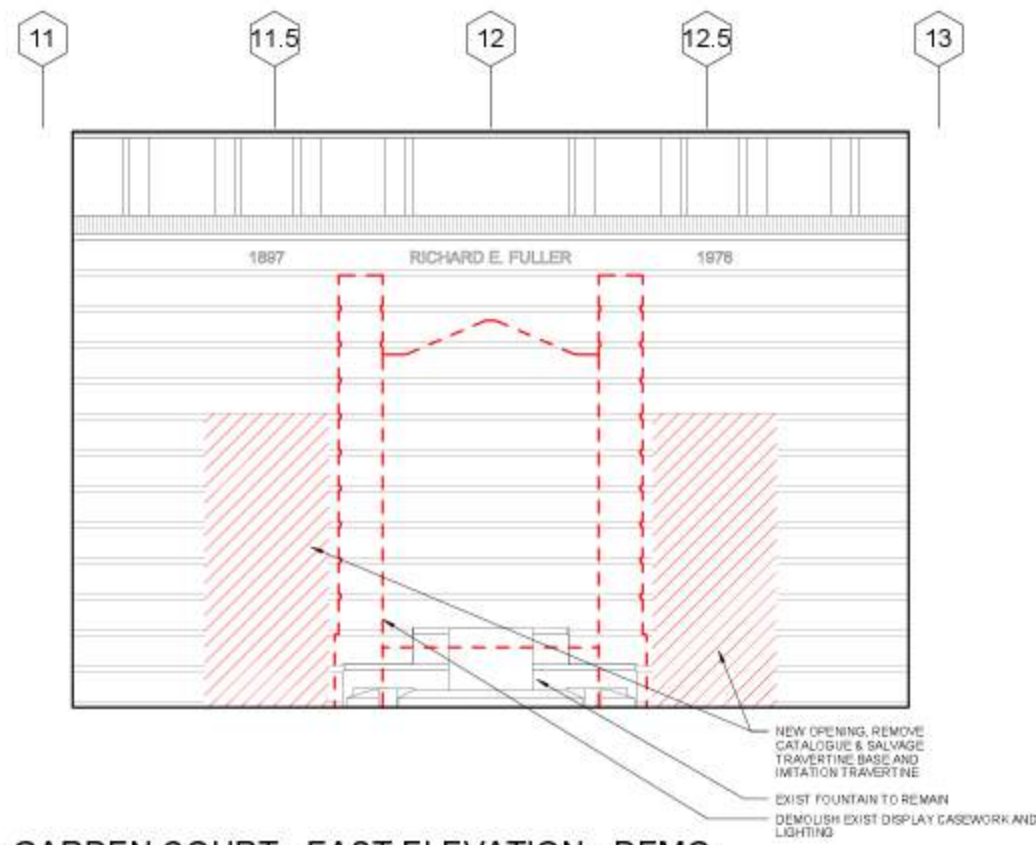
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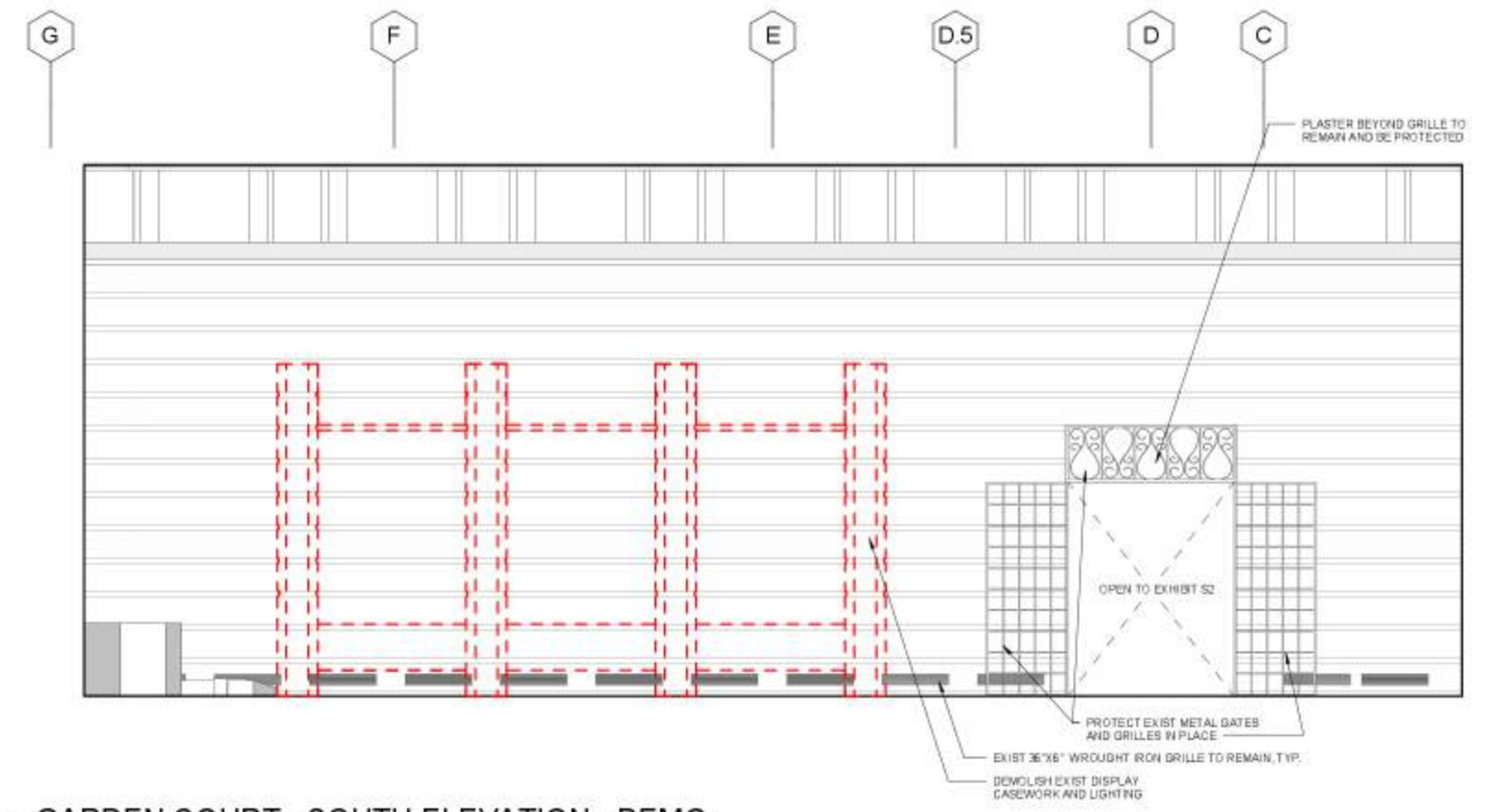
2 EXHIBIT N6 - WEST - DEMO, EXHIBIT S6 - WEST SIM
A141 1/4" = 1'-0"



1 GARDEN COURT - NORTH ELEVATION - DEMO
A141 1/4" = 1'-0"



3 GARDEN COURT - EAST ELEVATION - DEMO
A141 1/4" = 1'-0"



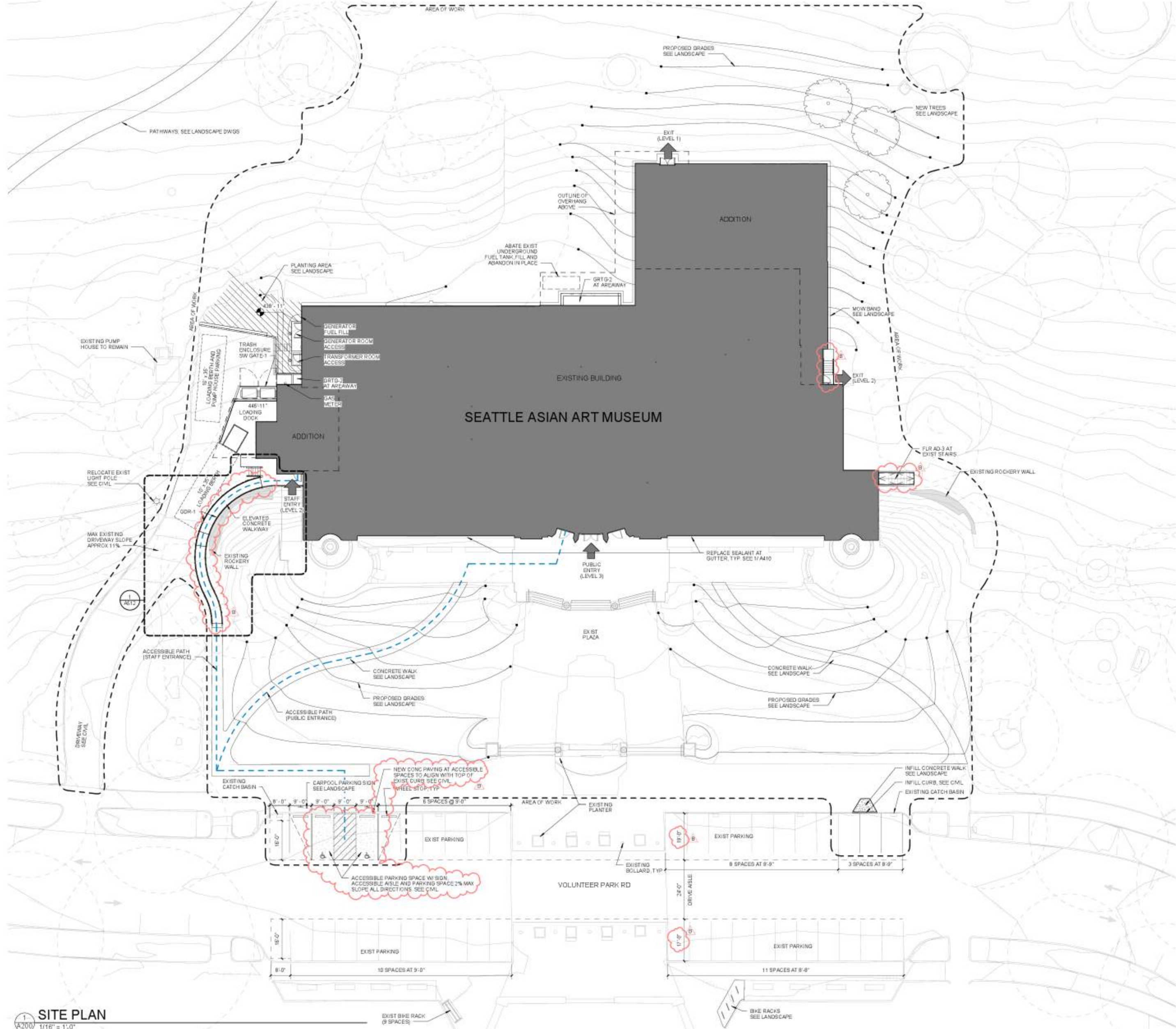
4 GARDEN COURT - SOUTH ELEVATION - DEMO
A141 1/4" = 1'-0"

Please NOTIFY 10:42:23AM

- GENERAL NOTES - SITE**
1. EXTERIOR LIGHTING TO BE SHIELDED OR DIRECTED AWAY FROM ADJACENT RESIDENTIALLY ZONED LOTS.
 2. SEE LANDSCAPE FOR TREE PROTECTION AREAS AND NOTES.

VIBRATION CONTROL AND MONITORING

IN ORDER TO PREVENT VIBRATION-INDUCED DAMAGE TO THE EXISTING BUILDING, THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES AND EQUIPMENT SO AS NOT TO INDUCE VIBRATIONS WITHIN THE EXISTING BUILDING EXCEEDING 0.5 INCHES PER SECOND. THE CONTRACTOR SHALL ENGAGE A QUALIFIED SPECIALTY VIBRATION ENGINEER (SVE) TO PREPARE A VIBRATION CONTROL PLAN AND MONITOR VIBRATIONS INDUCED WITHIN THE EXISTING BUILDING BY ADJACENT CONSTRUCTION ACTIVITIES. THE SVE SHALL MONITOR VIBRATIONS WITH SEISMOGRAPHS LOCATED ALONG THE EXISTING BUILDING'S INTERFACE WITH CONSTRUCTION ACTIVITIES. THESE SEISMOGRAPHS SHOULD RECORD VIBRATION ACTIVITY AND ALERT THE CONTRACTOR, SVE, OWNER, AND A/E TEAM IF VIBRATIONS WITHIN THE EXISTING BUILDING EXCEED 0.5 INCHES PER SECOND. THE CONTRACTOR SHALL REPAIR DAMAGE TO THE EXISTING BUILDING CAUSED BY VIBRATIONS OR OTHERWISE, WHETHER OR NOT THE 0.5 IN/S LIMIT IS EXCEEDED, AT NO ADDITIONAL COST TO THE OWNER.



SITE PLAN
1/16" = 1'-0"

PROJECT ADDRESS
VOLUNTEER PARK
1400 E PROSPECT STREET
SEATTLE, WA 98112

PROPERTY OWNER
CITY OF SEATTLE
SEATTLE PARKS AND RECREATION
800 MANHATTAN AVE 3RD FLOOR
SEATTLE, WA 98114
CONTACT: DAVID GRAVES
DAVID.GRAVES@CITYOFSEATTLE.GOV
206-694-7048

APPLICANT
SEATTLE ART MUSEUM
1300 1ST AVE
SEATTLE, WA 98101
CONTACT: RICHARD BECKERMAN
RICHARD@SEATTLEARTMUSEUM.ORG
206-434-3150

APPLICANT'S AGENT
LMN ARCHITECTS
801 2ND AVE, SUITE 501
SEATTLE, WA 98101
CONTACT: PAMELA TREVIHICK
PTREVIHICK@LMNARCHITECTS.COM
206-892-3452

PARCEL NUMBER
2925040067

LEGAL DESCRIPTION

The Northeast Quarter of the Northeast Quarter (NE 1/4 NE 1/4) of Section Twenty-nine (29) in Township Twenty-five (25) north (N) of Range Four (4) east (E), Willamette Meridian, also beginning at the northeast (NE) corner of the northeast quarter (NE 1/4) of Section Twenty-nine (29) north (N) of Range Four (4) east (E), Willamette Meridian, thence south one degree thirty-eight minutes forty-eight seconds (1°38'48") west a distance of fourteen hundred thirty-three and fifty-two one-hundredths (1433.52) feet along the east line of Section 29 in Township 25 north Range 4 east, thence north (N) eighty-eight degrees eighteen minutes twenty-seven seconds (88°18'27") west a distance of four hundred eighty-two and two one-hundredths (482.10) feet, thence north (N) eighty-eight degrees eighteen minutes thirty-one seconds (88°18'31") west a distance of two hundred seventy-two and two one-hundredths (272.22) feet, thence north (N) eighty-eight degrees eighteen minutes thirty-eight seconds (88°18'38") west a distance of two hundred seventy-two and four one-hundredths (272.04) feet, thence north (N) eighty-eight degrees eighteen minutes twenty-nine seconds (88°18'29") west a distance of three hundred eleven and one one-hundredths (311.01) feet to a point on the east line of the northeast (NE) quarter of the northeast (NE) quarter of Section 29 in Township 25 north Range 4 east, thence north (N) one degree eighteen minutes twenty seconds (1°18'20") east, more or less, a distance of fourteen hundred five and sixty-nine one-hundredths (1405.69) feet, more or less, to a point on the north line of Section 29 in Township 25 north Range 4 east, thence south (S) eighty-nine degrees thirty minutes and two seconds (89°30'02") east a distance of one thousand three hundred forty-five (1345) feet, more or less, along the north line of Section 29 in Township 25 north Range 4 east to the point of beginning. Also the east one-half (E 1/2) of blocks C and F of Phinney's Addition to the City of Seattle as recorded in Vol. 1, Page 176 of King County Plat. Also the portion of eleven (11th) Avenue North in the City of Seattle from the north line of Furk's Addition to the City of Seattle and the north line of Phinney's Addition to the City of Seattle as recorded by ordinance 26793.



Asian Art Museum Expansion & Renovation
Volunteer Park / 1400 E Prospect / Seattle, WA 98112

Construction Documents

Revisions	No.	Date	Description
	A	9/1/17	PERMIT CORRECTIONS 1
	B	9/1/17	PERMIT CORRECTIONS 1

Sheet Title	Sheet Number
Site Plan	A200

Drawn: LMN Proj No
Checked: LMN Proj No
Author: 16028.01
Date: 6/23/17

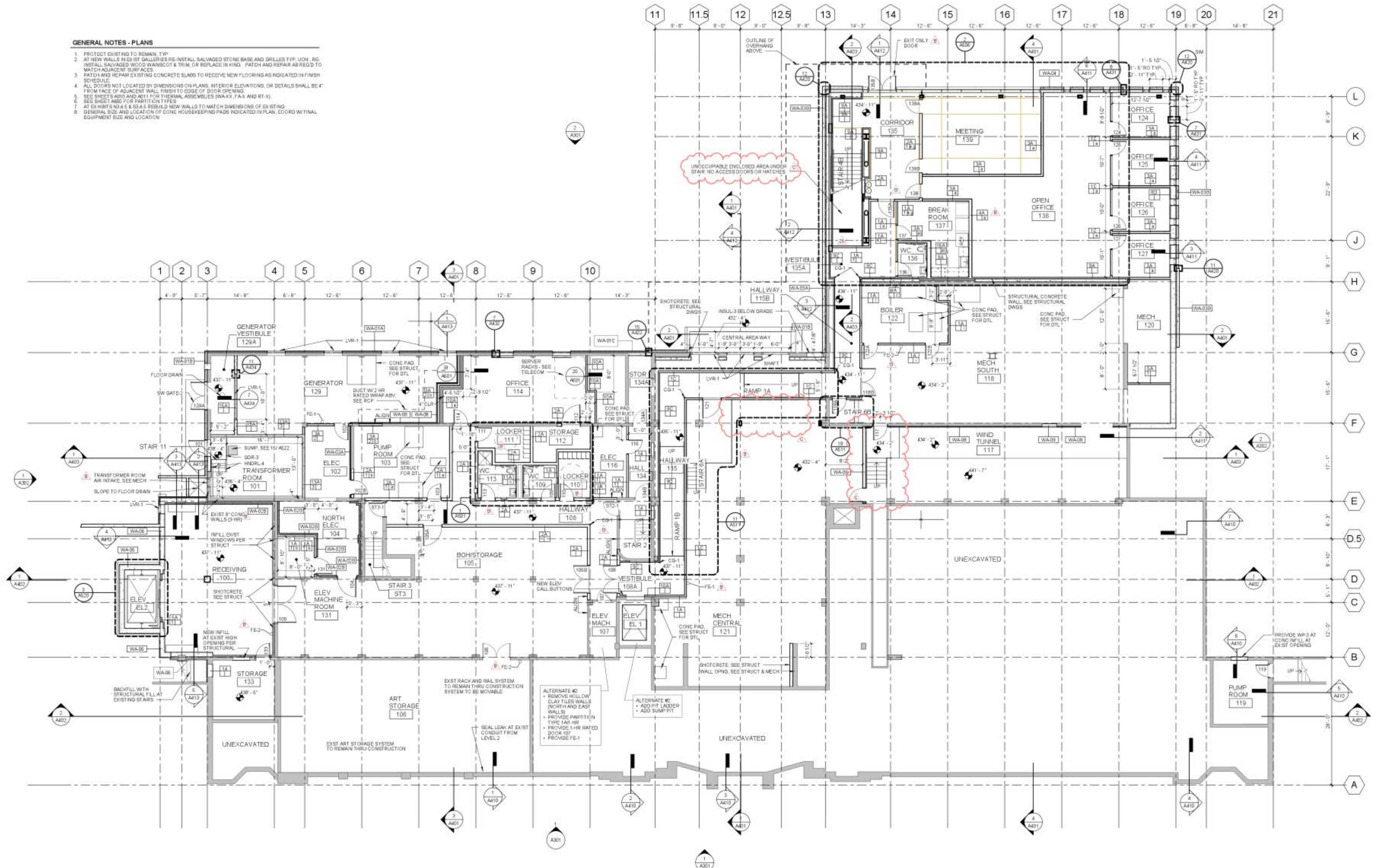
Site Plan

A200

Please NOTIFY 10:48:32 AM

GENERAL NOTES - PLANS

1. PROTECT EXISTING TO REMAIN TYP.
2. AT NEW WALLS RE-INSTALL GALLERIES RE-INSTALL SALVAGED STONE BASE AND DRILES TYP. UCH. RE-INSTALL SALVAGED WOOD WAINSCOT & TRIM. OR REPLACE IN KIND. PATCH AND REPAIR AS REQ'D TO MATCH ADJACENT SURFACES.
3. PATCH AND REPAIR EXISTING CONCRETE SLABS TO RECEIVE NEW FLOORING AS INDICATED IN FINISH SCHEDULE.
4. ALL DOORS NOT LOCATED BY DIMENSIONS ON PLANS. INTERIOR ELEVATIONS. OR DETAILS SHALL BE 4" FROM FACE OF ADJACENT WALL FINISH TO EDGE OF DOOR OPENING.
5. SEE SHEETS A400 AND A411 FOR THERMAL ASSEMBLIES (MAXX, FAX AND RT-X).
6. SEE SHEET A400 FOR PARTITION TYPES.
7. AT EXHIBIT'S NO 4.5 & 5.3 & 4.5 REBUILD NEW WALLS TO MATCH DIMENSIONS OF EXISTING.
8. GENERAL SIZE AND LOCATION OF CONE HOUSEKEEPING PADS INDICATED IN PLAN. COORD W/ FINAL EQUIPMENT SIZE AND LOCATION.



LEVEL 1 FLOOR PLAN
1/8" = 1'-0"



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Construction Documents

No.	Date	Description
B	9/19/17	PERMIT CORRECTIONS 1
C	10/23/17	PERMIT CORRECTIONS 2
25	10/11/17	ADDENDUM #25 (TERRAZZO STAIRS)

Drawn: Author
Checked: Checker
LMN Proj No: 16028.01
Date: 6/23/17

Sheet Title: Floor Plan - Level 1
Sheet Number: 32

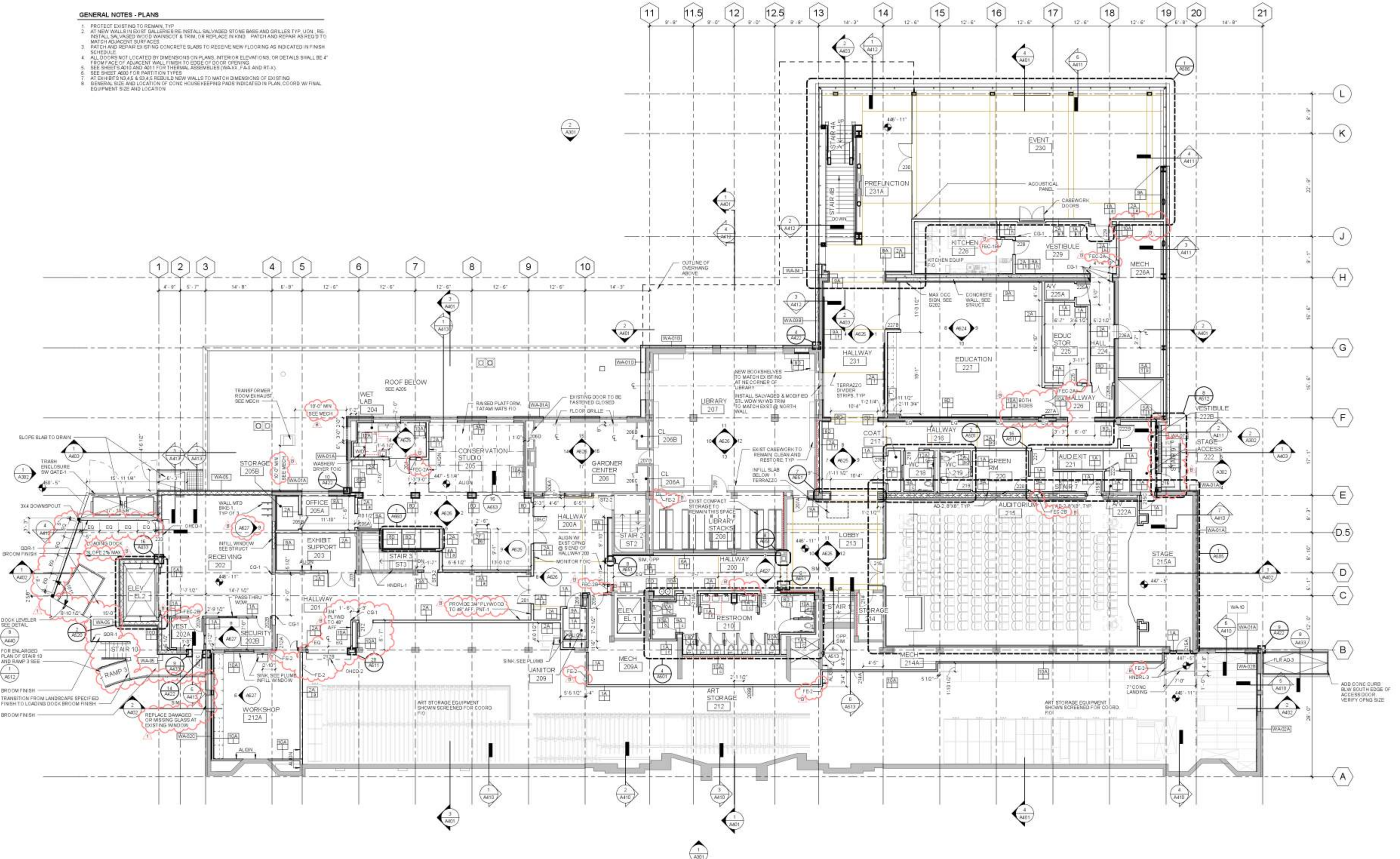
Floor Plan - Level 1

A201

P:\16028\17\651\28_AW

GENERAL NOTES - PLANS

1. PROTECT EXISTING TO REMAIN, TYP.
2. AT NEW WALLS IN EXIST. GALLERIES RE-INSTALL SALVAGED STONE BASE AND GRILLES TYP. UOM. RE-INSTALL SALVAGED WOOD WAINSCOT & TRIM, OR REPLACE IN KIND. PATCH AND REPAIR AS REQ'D TO MATCH ADJACENT SURFACES.
3. PATCH AND REPAIR EXISTING CONCRETE SLABS TO RECEIVE NEW FLOORING AS INDICATED IN FINISH SCHEDULE.
4. ALL DOORS NOT LOCATED BY DIMENSIONS ON PLANS, INTERIOR ELEVATIONS, OR DETAILS SHALL BE 4" FROM FACE OF ADJACENT WALL FINISH TO EDGE OF DOOR OPENING.
5. SEE SHEETS A410 AND A411 FOR THERMAL ASSEMBLIES (WAXX, FAX AND RT-X).
6. SEE SHEET A400 FOR PARTITION TYPES.
7. AT EXHIBIT S NO. 45 & 51 & 5 REBUILD NEW WALLS TO MATCH DIMENSIONS OF EXISTING.
8. GENERAL SIZE AND LOCATION OF CONC. HOUSEKEEPING PADS INDICATED IN PLAN, COORD. W/ FINAL EQUIPMENT SIZE AND LOCATION.



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



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No.	Date	Description
1	7/12/17	ADDENDUM #1
2	9/19/17	PERMIT CORRECTIONS 1

Drawn: [Name]
Checked: [Name]
Author: [Name]
Checked: [Name]
LMN Proj No: 16028.01
Date: 6/23/17

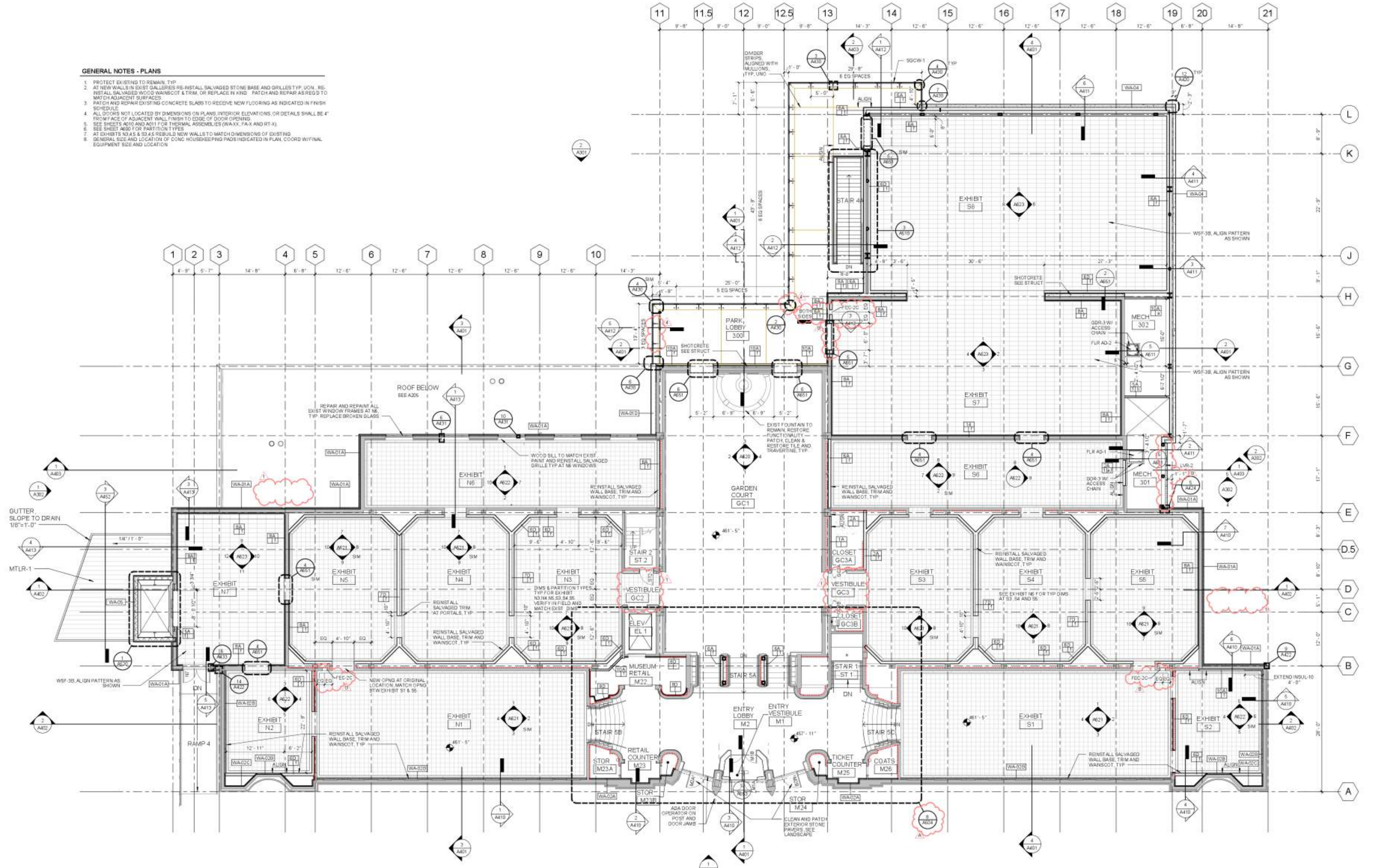
Sheet Title: Floor Plan - Level 2
Sheet Number: A202

A202

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GENERAL NOTES - PLANS

1. PROTECT EXISTING TO REMAIN, TYP.
2. AT NEW WALLS IN EXIST GALLERIES RE-INSTALL SALVAGED STONE BASE AND GRILLES TYP. UOH. RE-INSTALL SALVAGED WOOD WAINSCOT & TRIM, OR REPLACE IN KIND. PATCH AND REPAIR AS REQ'D TO MATCH ADJACENT SURFACES.
3. PATCH AND REPAIR EXISTING CONCRETE SLABS TO RECEIVE NEW FLOORING AS INDICATED IN FINISH SCHEDULE.
4. ALL DOORS NOT LOCATED BY DIMENSIONS ON PLANS, INTERIOR ELEVATIONS, OR DETAILS SHALL BE 4" FROM FACE OF ADJACENT WALL, FINISH TO EDGE OF DOOR OPENING.
5. SEE SHEETS A210 AND A211 FOR THERMAL ASSEMBLIES (WA-XX, FA-X AND RT-X).
6. SEE SHEET A200 FOR PARTITION TYPES.
7. AT EXHIBITS N3.4.5 & S3.4.5 REBUILD NEW WALLS TO MATCH DIMENSIONS OF EXISTING.
8. GENERAL SIZE AND LOCATION OF CONC HOUSEKEEPING PADS INDICATED IN PLAN, COORD W/FINAL EQUIPMENT SIZE AND LOCATION.



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



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Construction Documents

No.	Date	Description
1	7/12/17	ADDENDUM #1
4	7/26/17	ADDENDUM #4
A	9/11/17	PERMIT CORRECTIONS 1
B	9/15/17	PERMIT CORRECTIONS 1

Drawn: Author
Checked: Checker
LMN Proj No: 16028.01
Date: 6/23/17

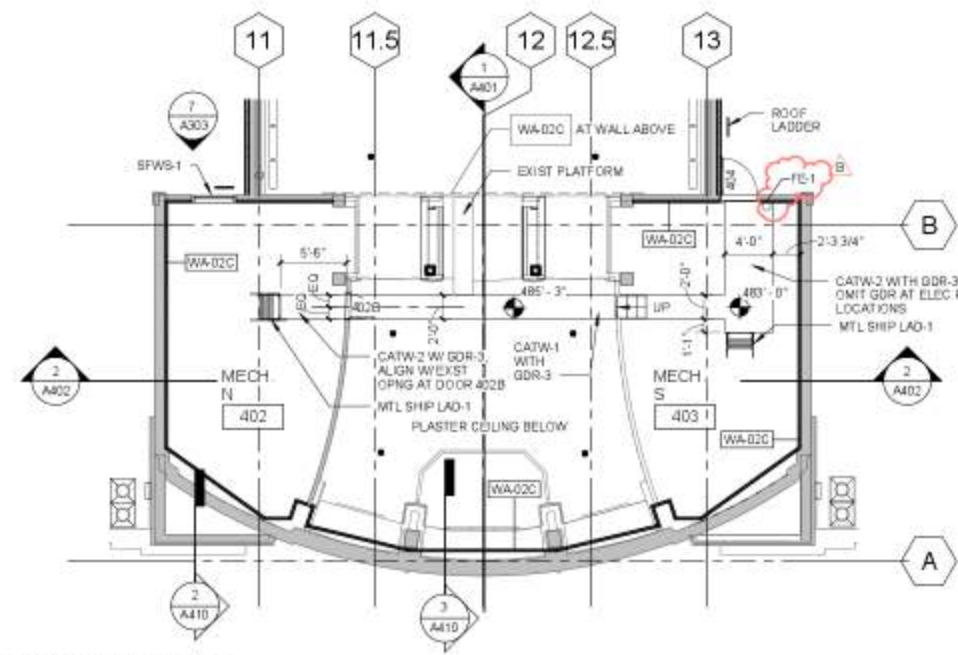
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Sheet Number: A203

A203

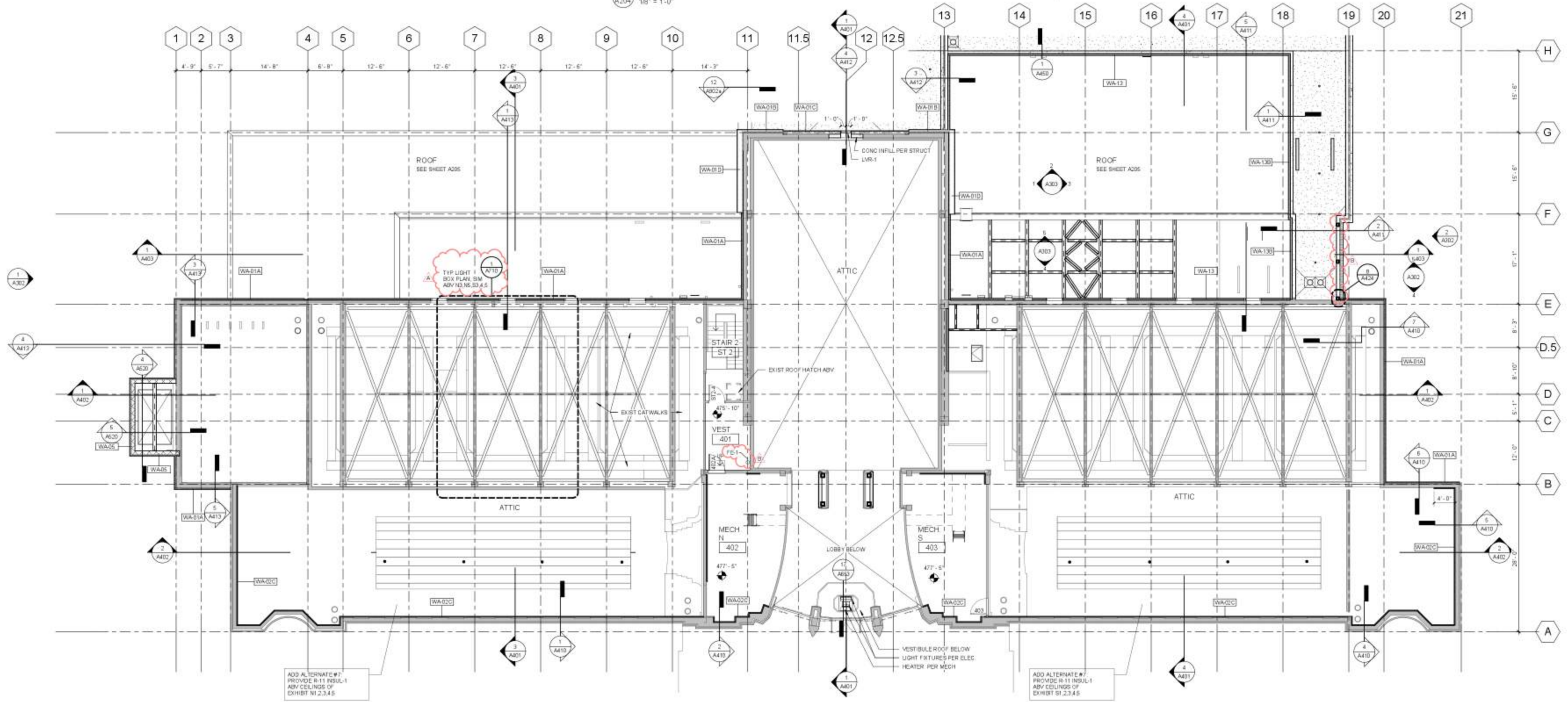
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GENERAL NOTES - PLANS

1. PROTECT EXISTING TO REMAIN TYP.
2. AT NEW WALLS IN EXIST. GALLERIES RE-INSTALL SALVAGED STONE BASE AND GRILLES TYP. UOI. RE-INSTALL SALVAGED WOOD WAINSCOT & TRIM, OR REPLACE IN KIND. PATCH AND REPAIR AS REQ'D TO MATCH ADJACENT SURFACES.
3. PATCH AND REPAIR EXISTING CONCRETE SLABS TO RECEIVE NEW FLOORING AS INDICATED IN FINISH SCHEDULE.
4. ALL DOORS NOT LOCATED BY DIMENSIONS ON PLANS, INTERIOR ELEVATIONS, OR DETAILS SHALL BE 4" FROM FACE OF ADJACENT WALL, FINISH TO EDGE OF DOOR OPENING.
5. SEE SHEETS A010 AND A011 FOR THERMAL ASSEMBLIES (WA-XX, FA-X AND RT-X).
6. SEE SHEET A000 FOR PARTITION TYPES.
7. AT EXHIBIT NO. 4.5 & 5.3.4.5 REBUILD NEW WALLS TO MATCH DIMENSIONS OF EXISTING.
8. GENERAL SIZE AND LOCATION OF CONC. HOUSEKEEPING PADS INDICATED IN PLAN. COORD. W/ FINAL EQUIPMENT SIZE AND LOCATION.



UPPER ATTIC
A.204 1/8" = 1'-0"



LEVEL 4 - ATTIC
A.204 1/8" = 1'-0"

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LMN Architecture
Urban Design
Interiors

6641 REGISTERED ARCHITECT
Sam Miller
SAMUEL MOSEYER MILLER
STATE OF WASHINGTON

SAM ASIAN ART MUSEUM

Asian Art Museum Expansion & Renovation
Volunteer Park / 1400 E Prospect /
Seattle, WA 98112

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Construction Documents

No.	Date	Description
A	9/19/17	PERMIT CORRECTIONS 1
B	9/19/17	PERMIT CORRECTIONS 1

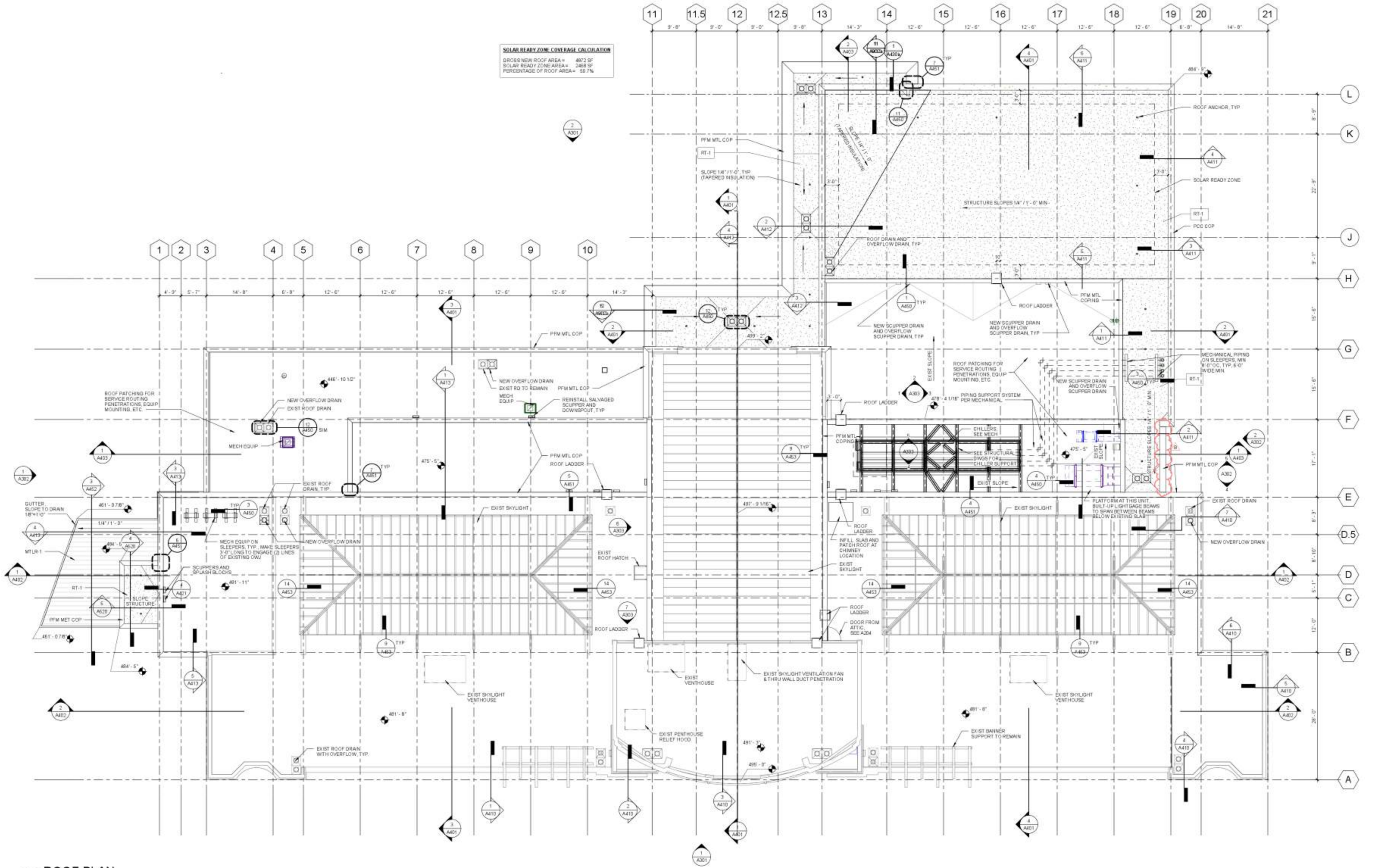
Drawn: LMN
Checked: LMN
Date: 6/23/17

Sheet Title: Floor Plan - Level 4 Mezz/Attic

Author: LMN
Checked: LMN
Date: 6/23/17

A204

SOLAR READY ZONE COVERAGE CALCULATION
 GROSS NEW ROOF AREA = 4872 SF
 SOLAR READY ZONE AREA = 2489 SF
 PERCENTAGE OF ROOF AREA = 50.7%



1 ROOF PLAN
 A205 1/8" = 1'-0"



LMN Architecture
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6641 REGISTERED ARCHITECT
 DANIEL MONSIEUR MILLER
 STATE OF WASHINGTON

SAM ASIAN ART MUSEUM

Asian Art Museum Expansion & Renovation
 Volunteer Park / 1400 E Prospect /
 Seattle, WA 98112

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Revisions	No.	Date	Description
	0	9/19/17	PERMIT CORRECTIONS

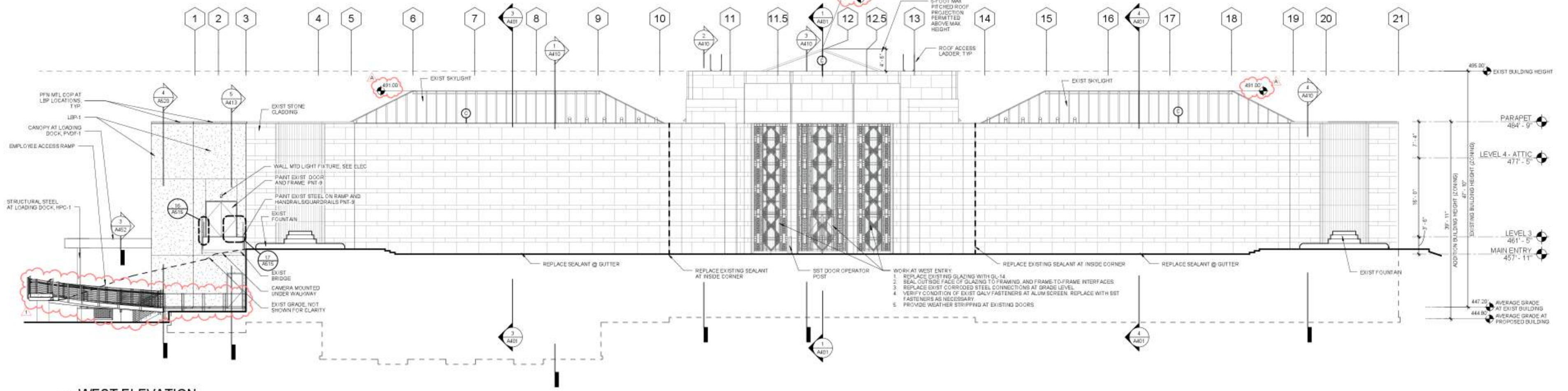
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 Sheet Number: **A205**

Construction Documents

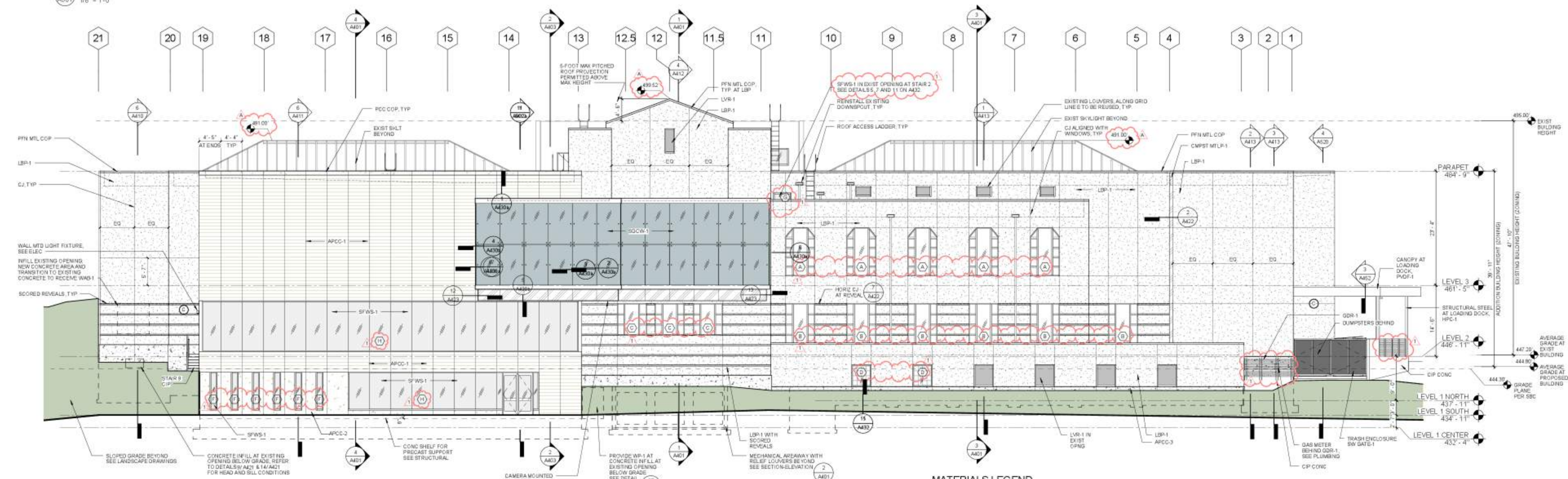
Drawn: LMN Proj No
 Checked: LMN Proj No
 Author: 16028.01
 Date: 6/23/17

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801 Second Avenue, Suite 501
 Seattle, Washington 98104
 T 206 892 3480
 F 206 343 8980
 www.lmnarchitects.com



1 WEST ELEVATION
A301 1/8" = 1'-0"



2 EAST ELEVATION
A301 1/8" = 1'-0"

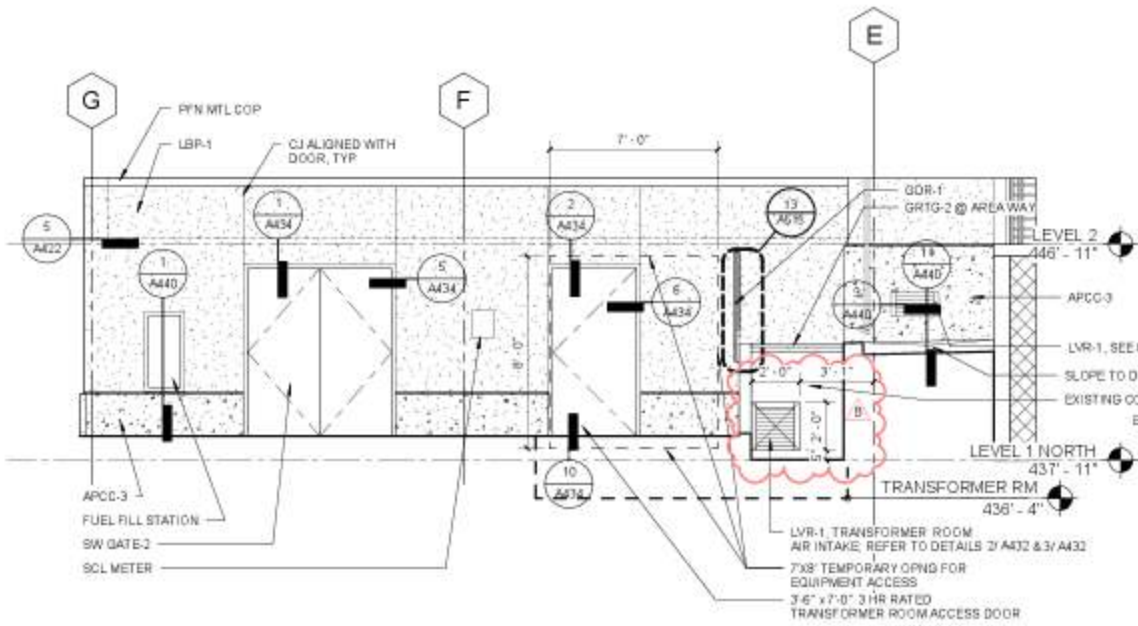
MATERIALS LEGEND

APCC-1 PRECAST CONCRETE WITH REVEALS	GL-7 GLASS 1/4" TEMPERED, LOW-IRON	GL-14 GLASS 1/4" LAMINATED, LOW-IRON, WITH WINDOW FILM
APCC-2 PRECAST CONCRETE	GL-1 GLASS 1" (IGU) TEMPERED, LOW-IRON	LBP-1 LIME BASED PLASTER
APCC-3 PRECAST CONCRETE BASE AT PLASTER	GL-5 GLASS 1" (IGU) OUTER LITE LAMINATED, INNER LITE TEMPERED, LOW-IRON	LVR LOUVER
MTP-1 PREFINISHED CORRUGATED METAL PANEL	GL-7 GLASS 1/4" TEMPERED, LOW-IRON	EXISTING STONE AT WEST ELEVATION
SECURITY CAMERA	WINDOW TYPE SEE SCHEDULE ON A303	

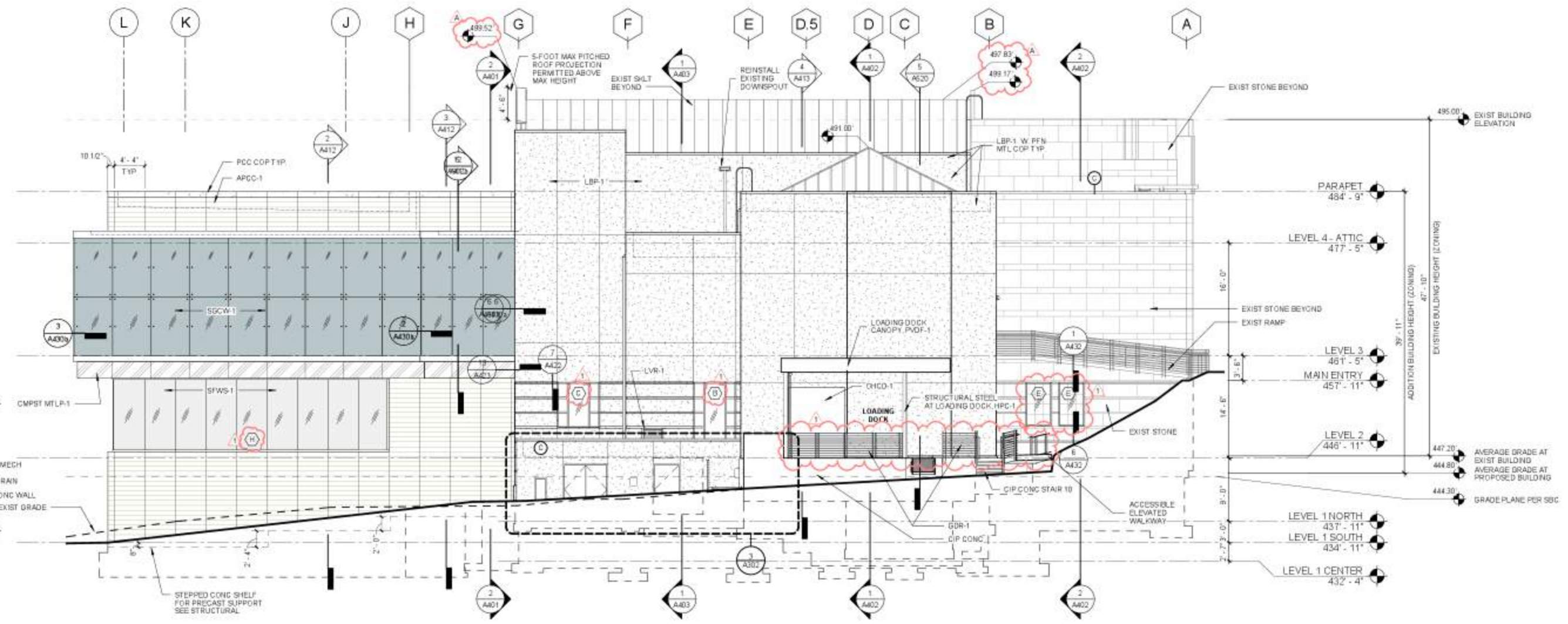


MATERIALS LEGEND

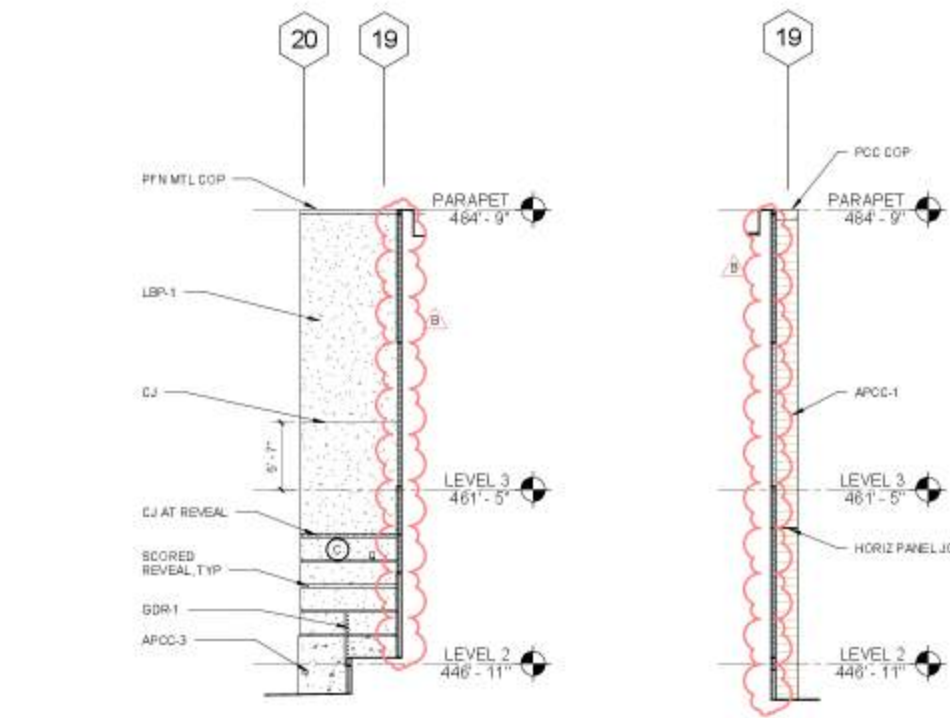
APCC-1 PRECAST CONCRETE WITH REVEALS	CMPST MTL-P-1 ALUMINUM COMPOSITE PANEL, CLEAR ANODIZED	GL-14 GLASS, 1/4" LAMINATED, LOW-IRON, WITH WINDOWFILM
APCC-2 PRECAST CONCRETE	GL-1 GLASS, 1" IGU, TEMPERED, LOW-IRON	LBR-1 LIMEBASED PLASTER
APCC-3 PRECAST CONCRETE BASE AT PLASTER	GL-6 GLASS, 1" IGU, OUTER LITE LAMINATED, INNER LITE TEMPERED, LOW-IRON	LVR LOUVER
MTLP-1 PREFINISHED CORRUGATED METAL PANEL	GL-7 GLASS, 1/4" TEMPERED, LOW-IRON	EXISTING STONE AT WEST ELEVATION
SECURITY CAMERA	WINDOW TYPE SEE SCHEDULE ON A303	



ENLARGED PARTIAL NORTH ELEVATION
1/4" = 1'-0"

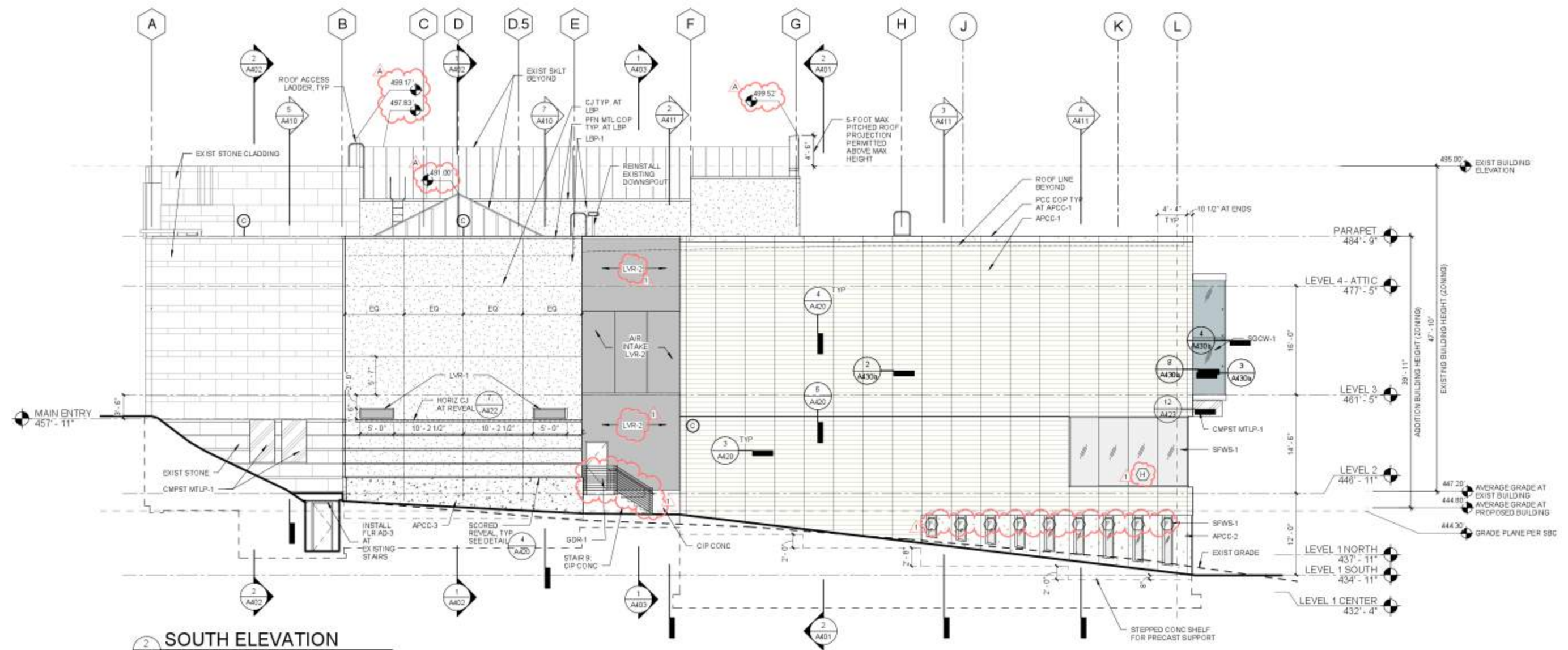


NORTH ELEVATION
1/8" = 1'-0"



EAST ELEVATION - SOUTH EXIT
1/8" = 1'-0"

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



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

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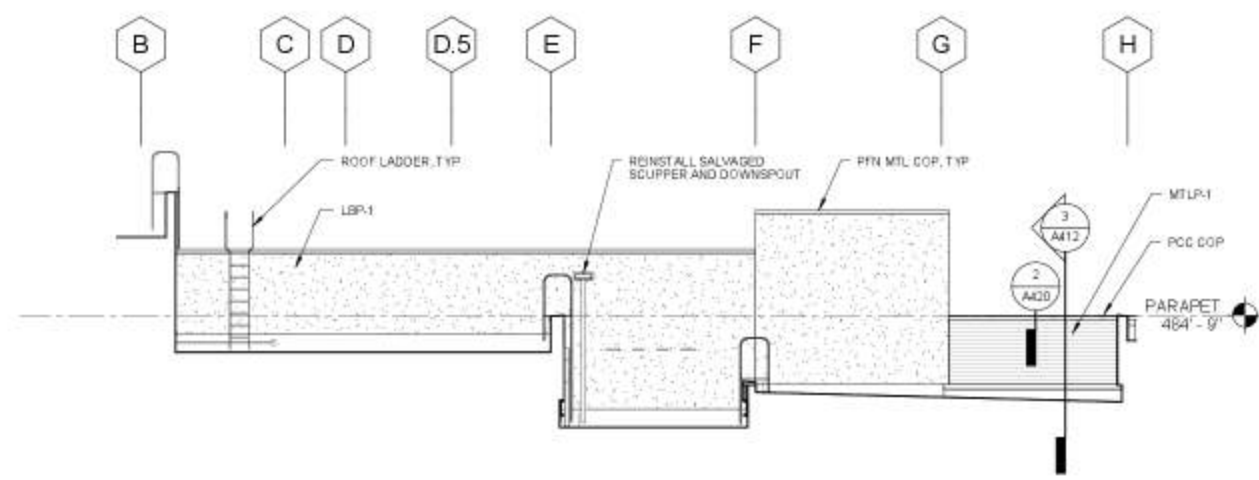
No.	Date	Description
1	7/12/17	ADDENDUM #1
A	9/19/17	PERMIT CORRECTIONS 1
B	9/19/17	PERMIT CORRECTIONS 1

Drawn	Author
Checked	LMN Proj No
Author	16028 01
Checked	6/23/17

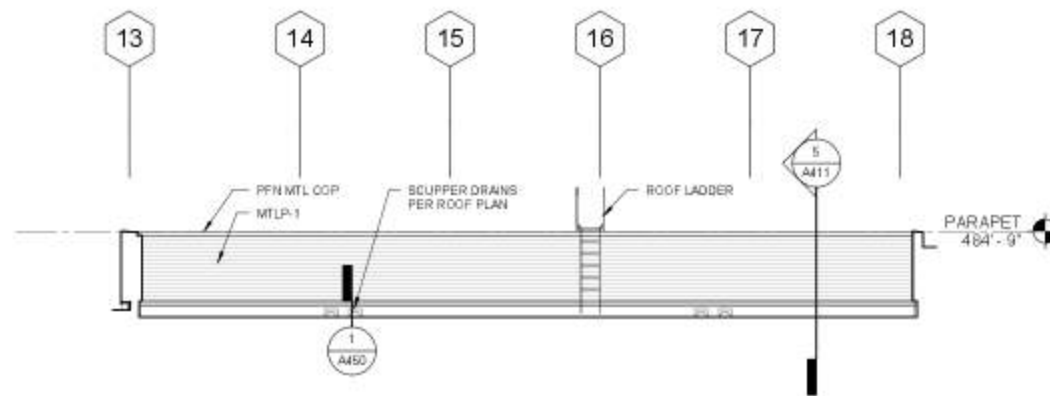
Sheet Title	Sheet Number
Elevations - North & South	A302



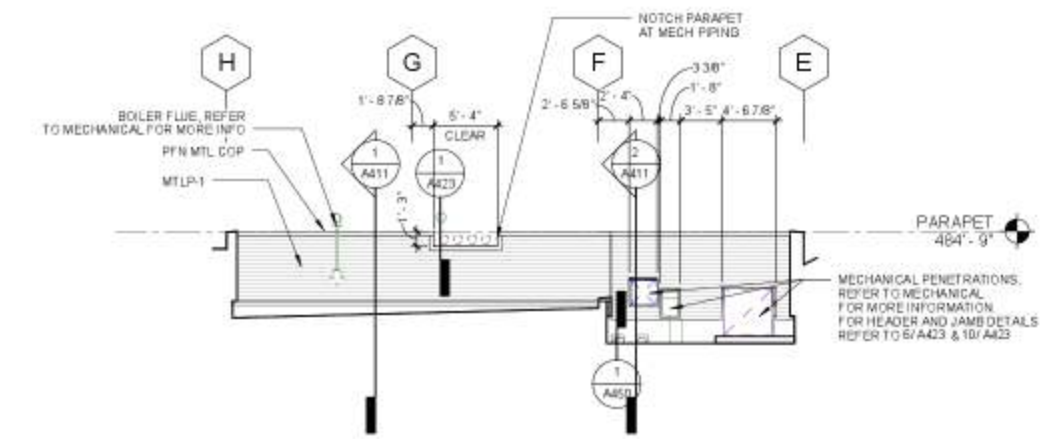
A302



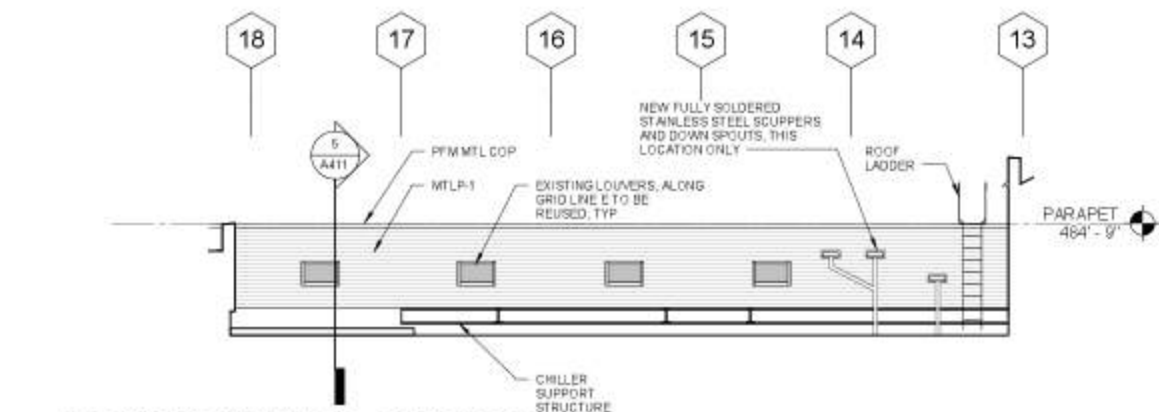
1 NORTH ELEVATION - MECH WELL
A303 1/8" = 1'-0"



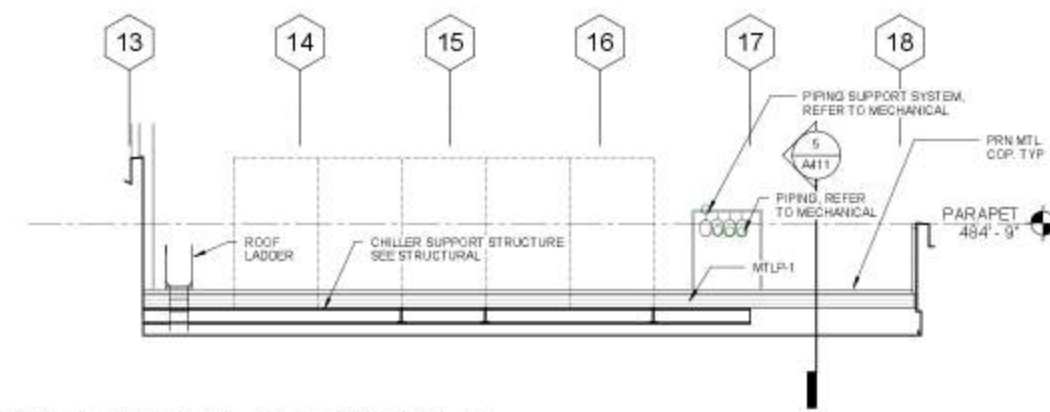
2 EAST ELEVATION - MECH WELL
A303 1/8" = 1'-0"



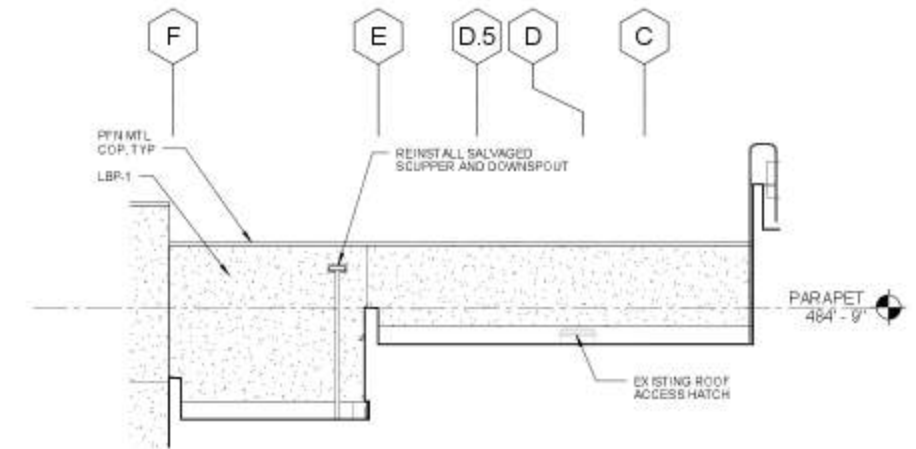
3 SOUTH ELEVATION - MECH WELL
A303 1/8" = 1'-0"



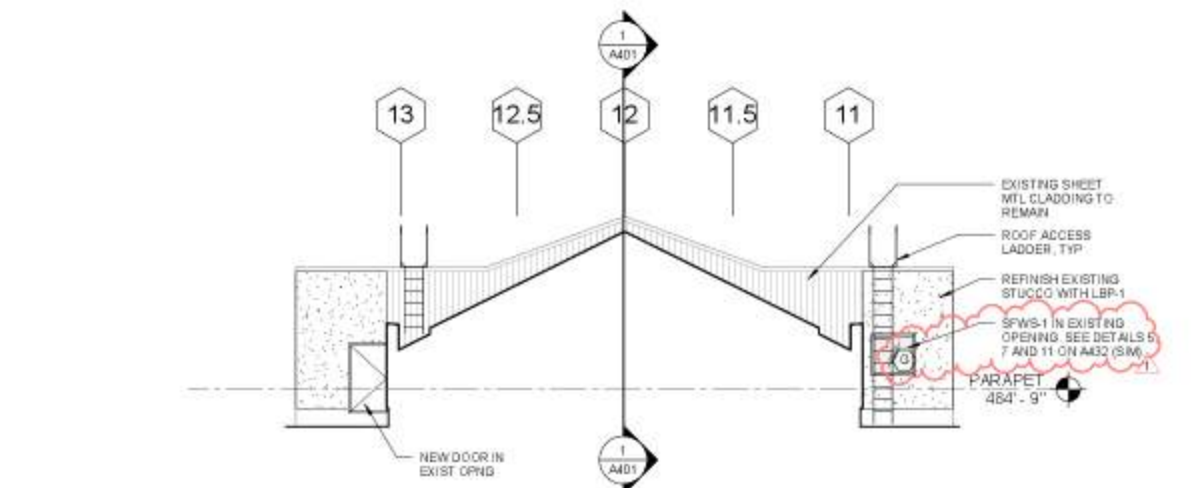
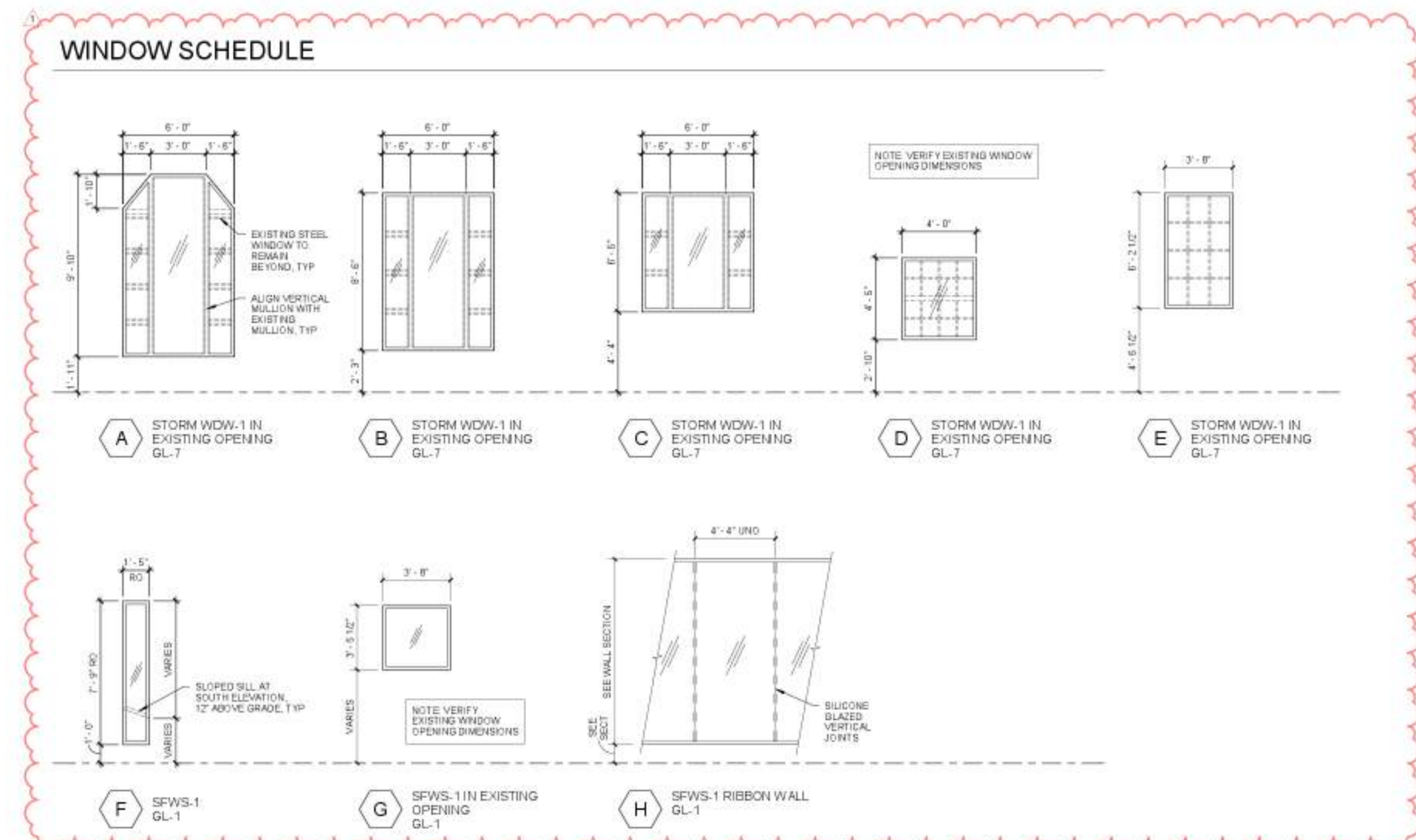
4 ELEVATION WEST - MECH WELL
A303 1/8" = 1'-0"



5 ELEVATION EAST - MECH WELL 2
A303 1/8" = 1'-0"



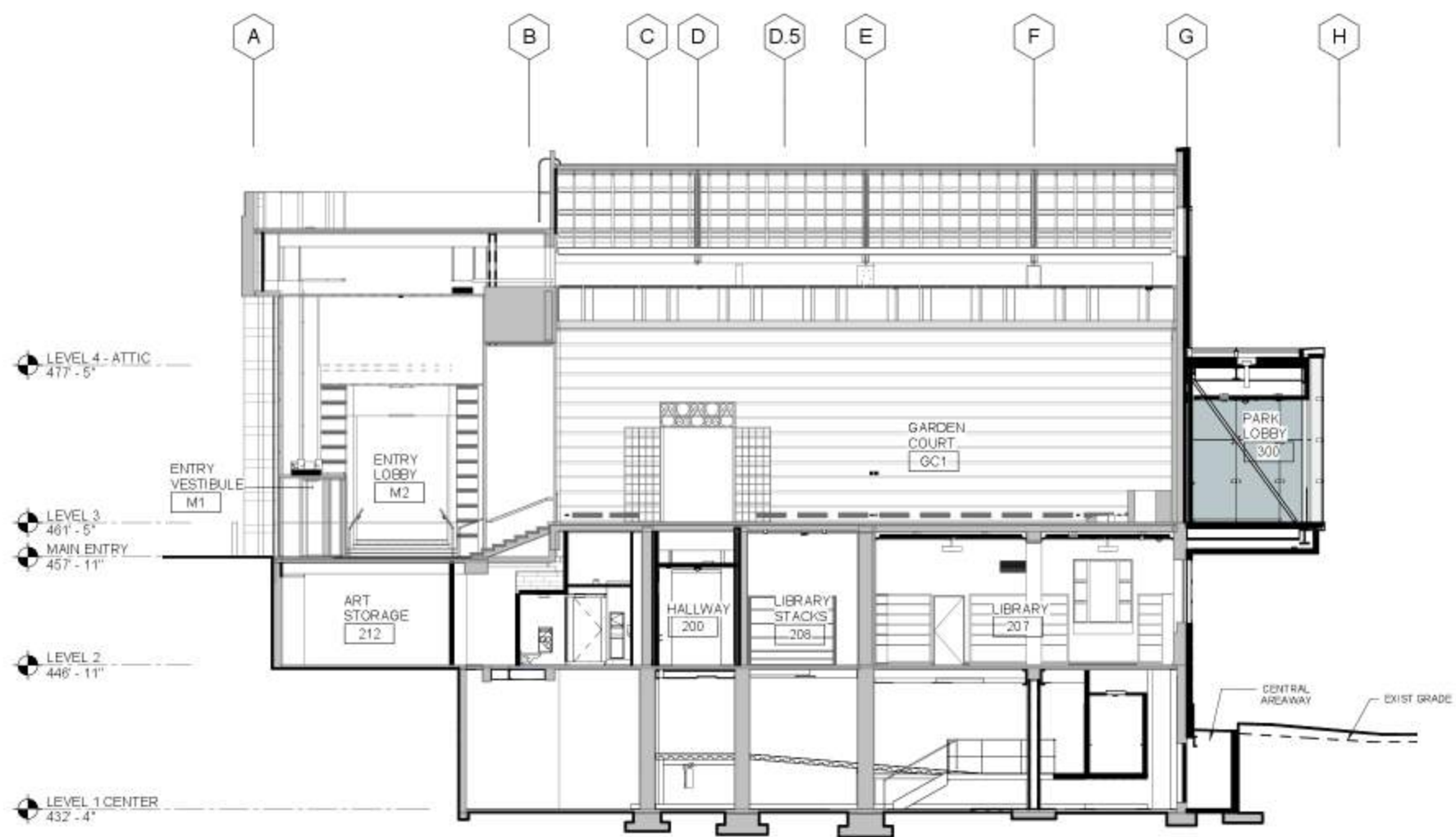
6 NORTH ELEVATION - GARDEN COURT
A303 1/8" = 1'-0"



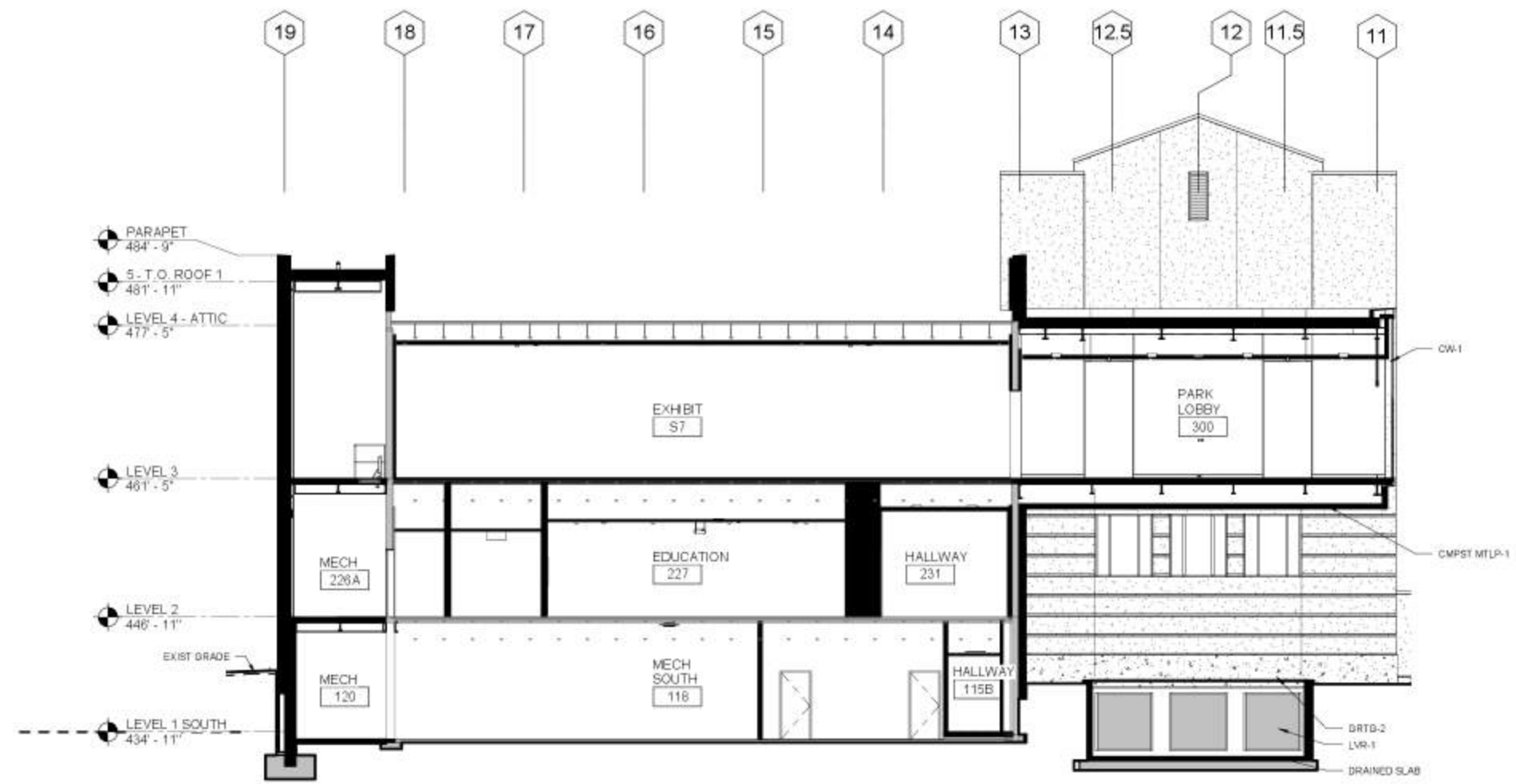
7 EAST ELEVATION - UPPER ATTIC
A303 1/8" = 1'-0"

MATERIALS LEGEND

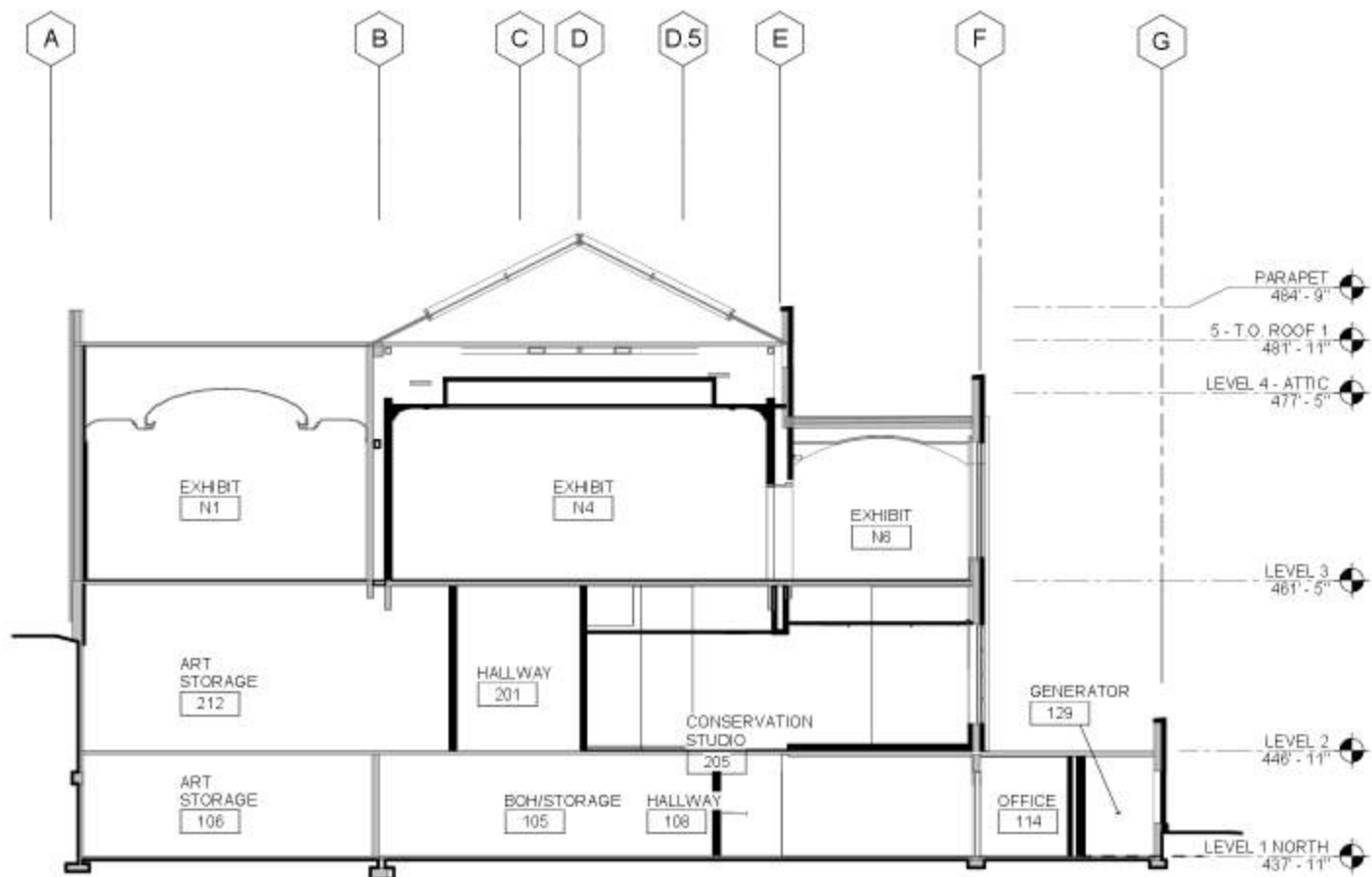
APCC-1 PRECAST CONCRETE WITH REVEALS	CMPT MTLP-1 ALUMINUM COMPOSITE PANEL CLEAR ANODIZED	GL-14 GLASS 1/4" LAMINATED LOW-IRON WITH WINDOW FLM
APCC-2 PRECAST CONCRETE	GL-1 GLASS 1 1/4" TEMPERED LOW-IRON	LBR-1 LIME BASED PLASTER
APCC-3 PRECAST CONCRETE BASE AT PLASTER	GL-5 GLASS 1 1/4" OUTER LITE LAMINATED INNER LITE TEMPERED LOW-IRON	LVR LOUVER
MTLP-1 PREFINISHED CORRUGATED METAL PANEL	GL-7 GLASS 1/4" TEMPERED LOW-IRON	EXISTING STONE AT WEST ELEVATION
C SECURITY CAMERA	A WINDOW TYPE SEE SCHEDULE ON A303	



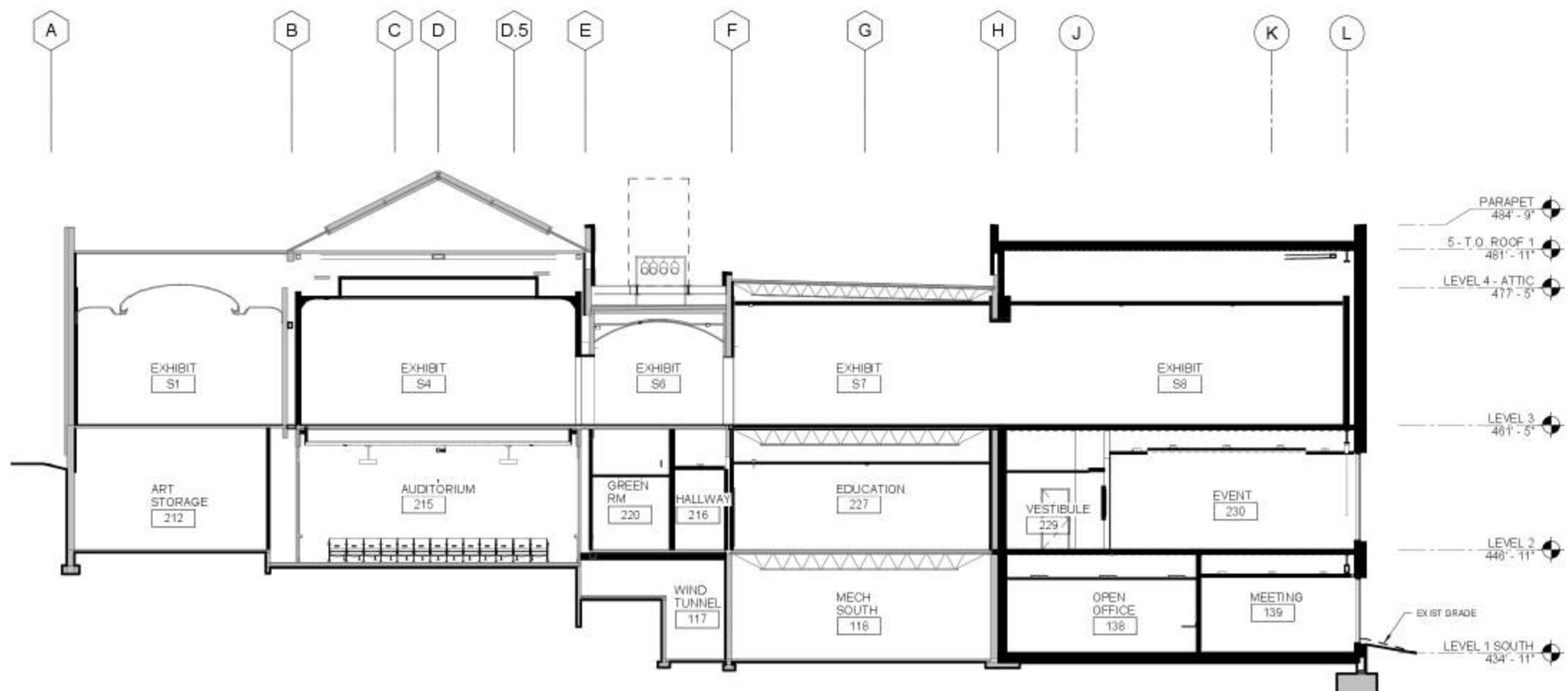
1 EAST - WEST SECTION AT GRID 12
1/8" = 1'-0"



2 EAST - WEST SECTION AT GRID 13.5
1/8" = 1'-0"

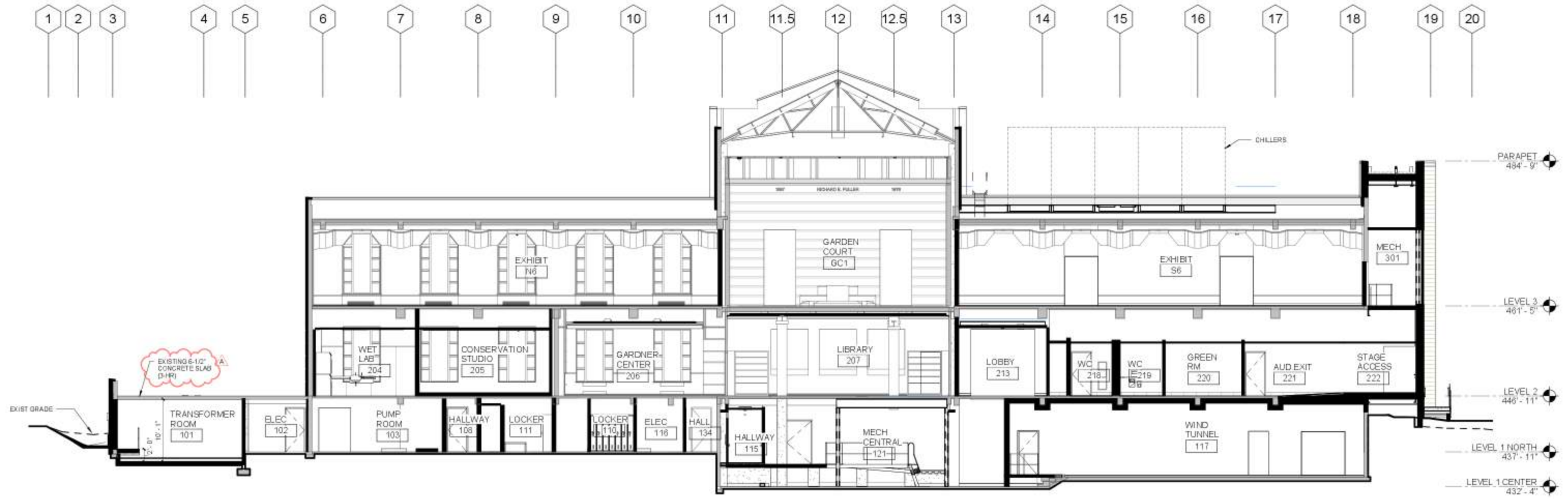


3 EAST - WEST SECTION AT GRID 7.5
1/8" = 1'-0"

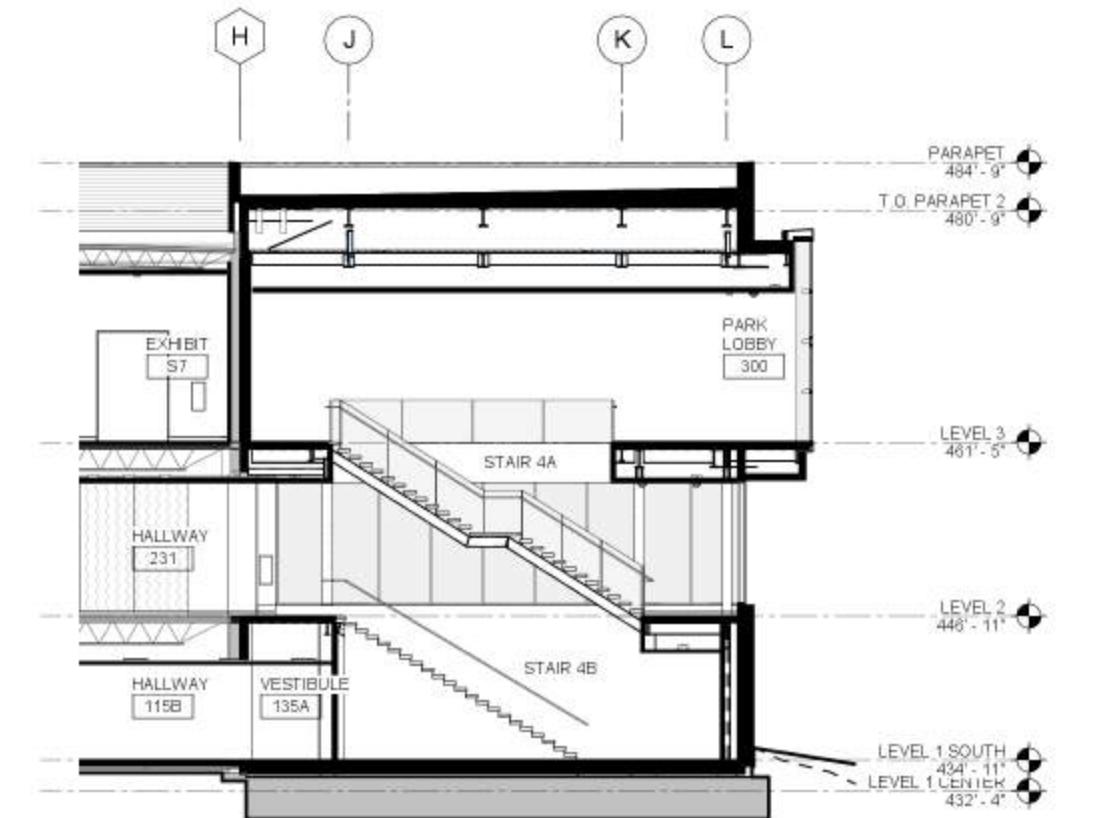


4 EAST - WEST SECTION AT GRID 16.5
1/8" = 1'-0"

Please BRIDGIT 10:47:57 AM



1 N - S SECTION AT GRID E.7
A403 1/8" = 1'-0"



2 E - W SECTION AT GRID 13.4
A403 1/8" = 1'-0"

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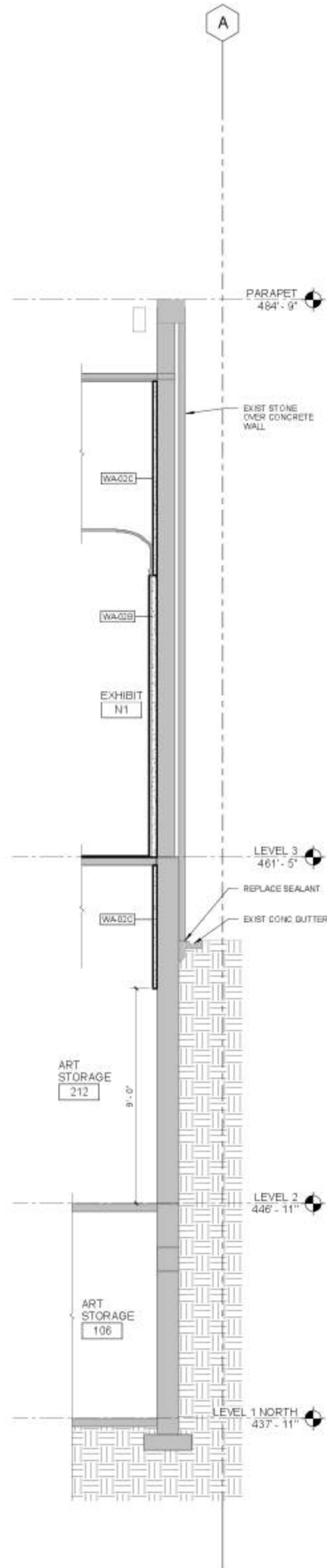
Construction
Documents

Revisions	Sheet	Sheet
No.	Date	Title
A	9/19/17	PERMIT CORRECTIONS 1

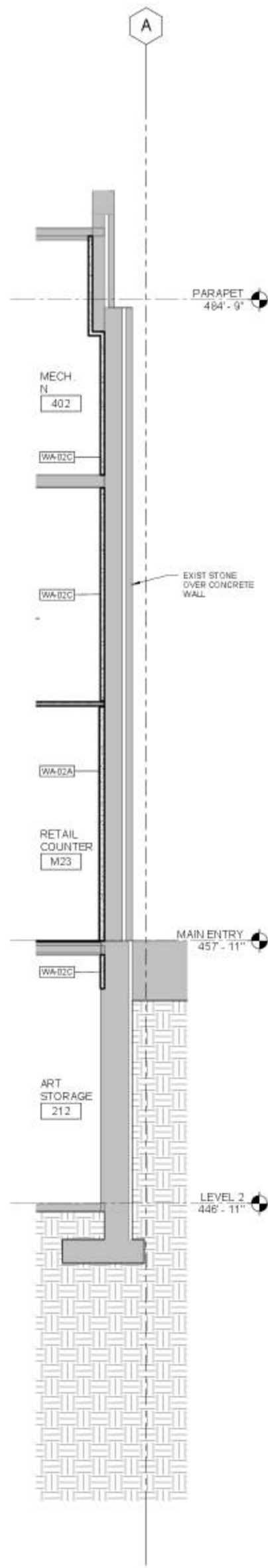
Drawn: Author
Checked: Checker
LMN Proj No: 16028.01
Date: 6/23/17

Building Sections

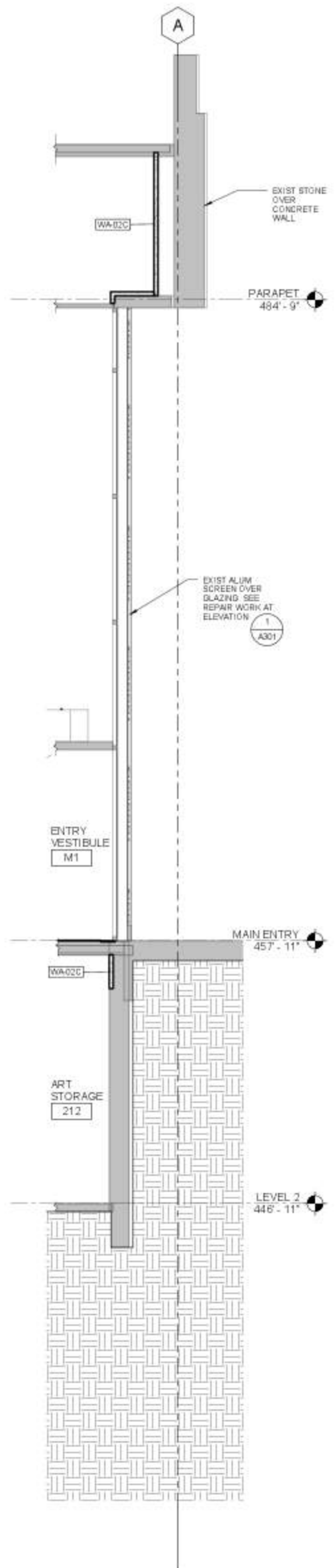
A403



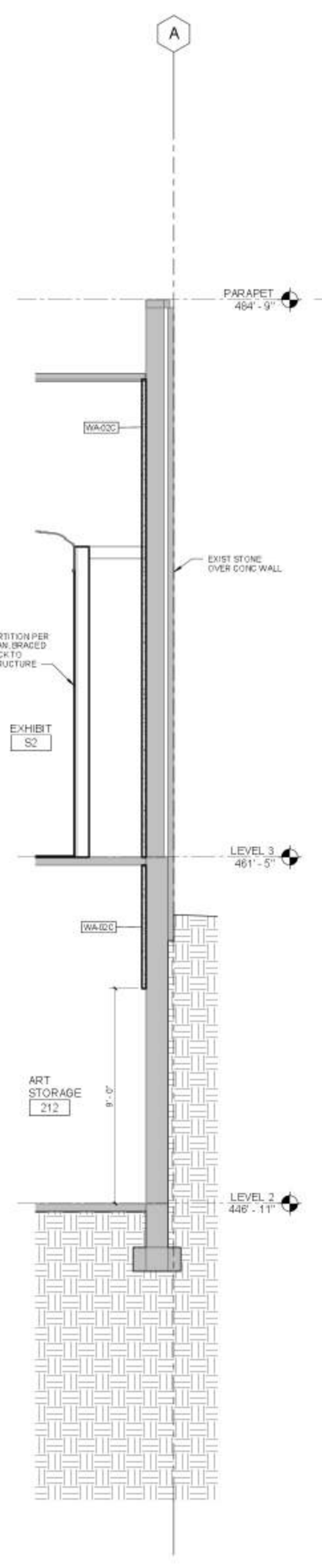
1 WS @ 9 LOOKING SOUTH
A410 3/8" = 1'-0"



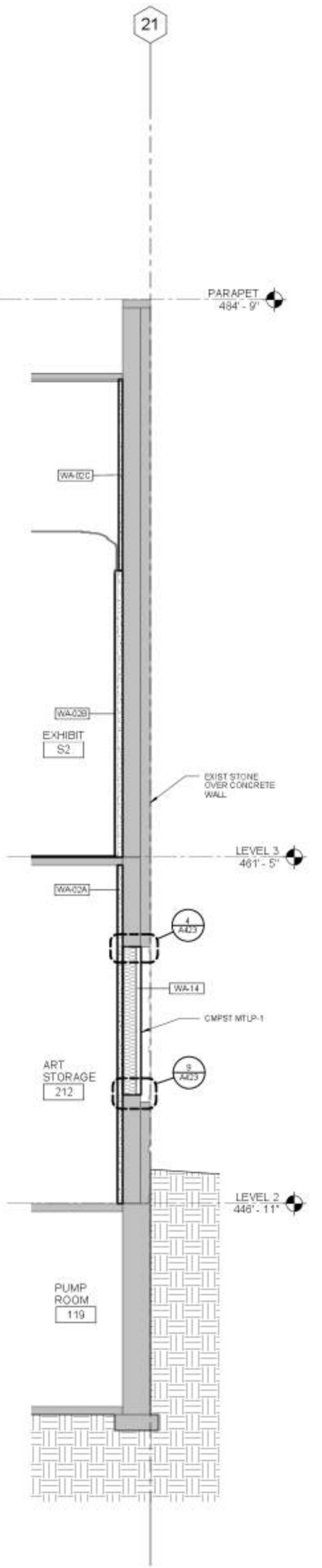
2 WS @ 11 LOOKING SOUTH
A410 3/8" = 1'-0"



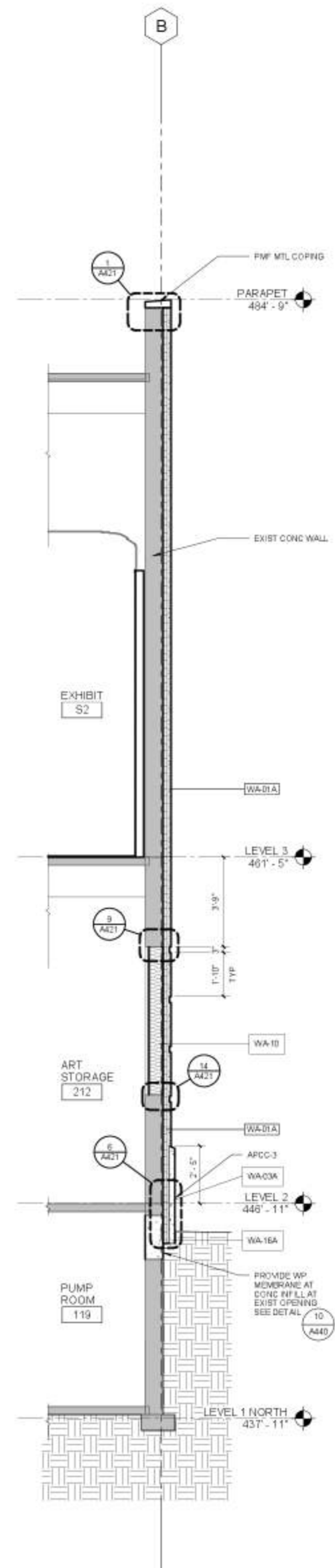
3 WS @ 12 LOOKING SOUTH
A410 3/8" = 1'-0"



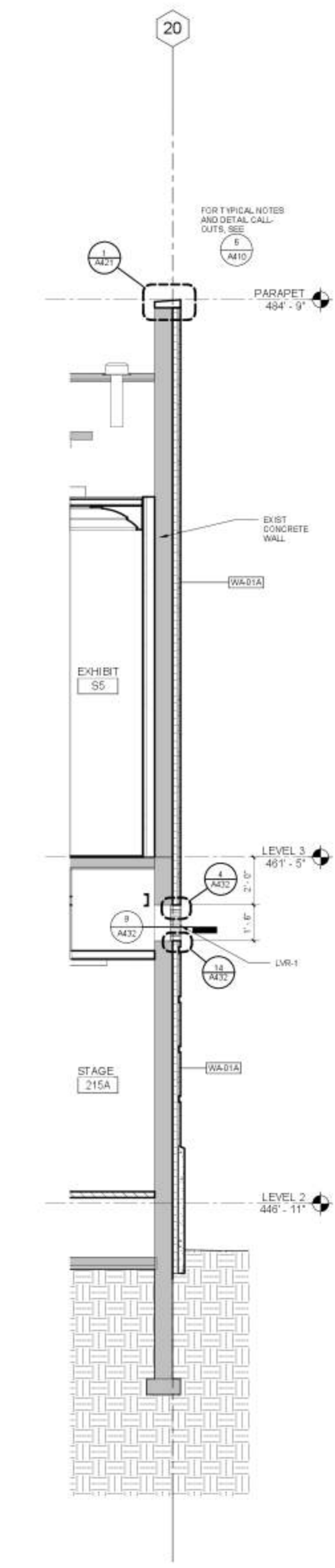
4 WS @ 20 LOOKING SOUTH
A410 3/8" = 1'-0"



5 WS @ B LOOKING EAST
A410 3/8" = 1'-0"



6 WS @ 20 LOOKING NORTH
A410 3/8" = 1'-0"



7 WS @ E LOOKING EAST
A410 3/8" = 1'-0"

FOR TYPICAL NOTES AND DETAIL CALL-OUTS, SEE SHEETS A410 AND A411

PROVIDE WP MOVING AT CONC INFILL AT EXIST OPENING SEE DETAIL A440

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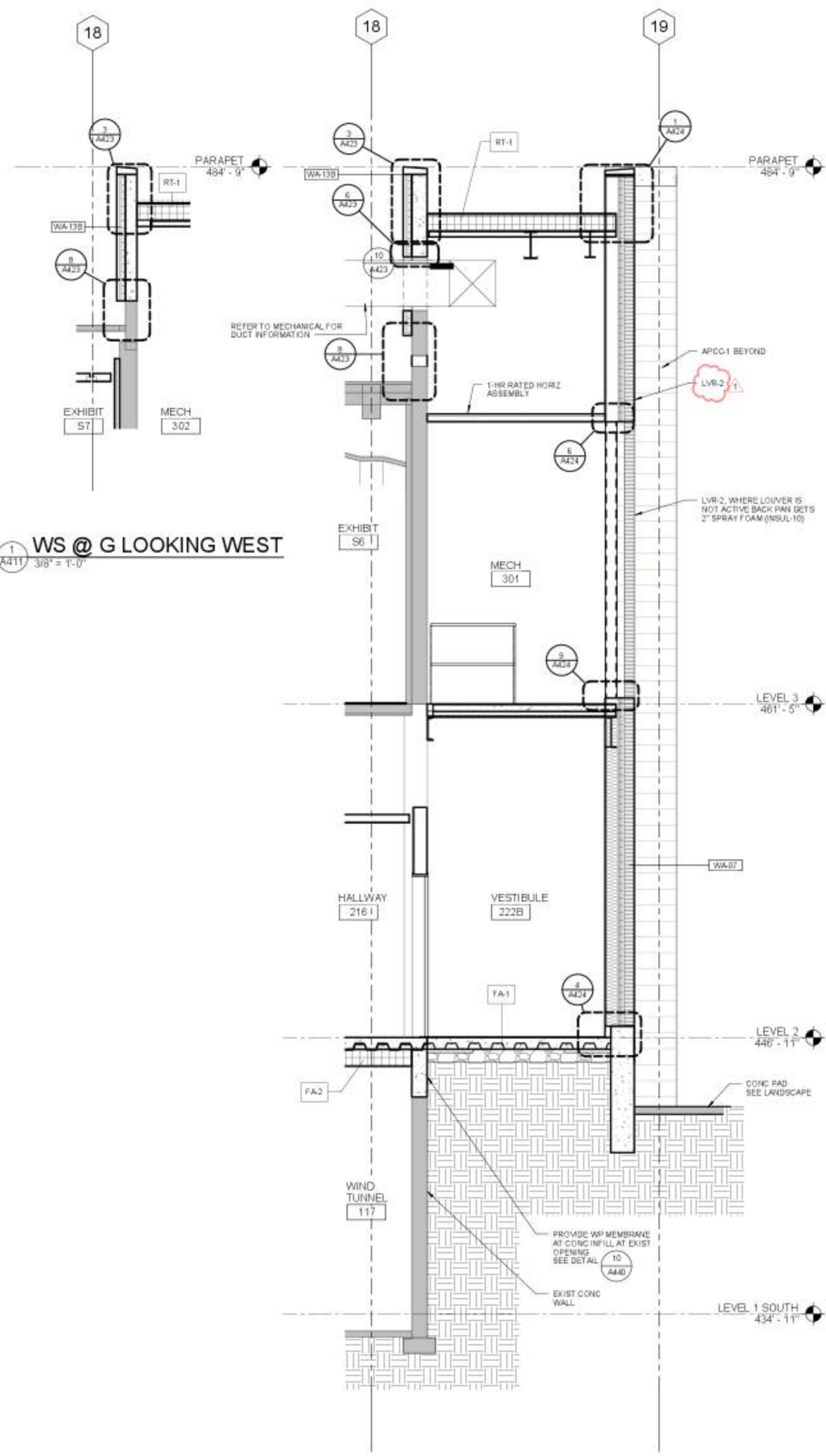
Submittal	Revisions	Sheet
No.	Date	Description

Drawn: LMN Proj No
Checked: LMN Proj No
Author: 16028.01
Date: 6/23/17

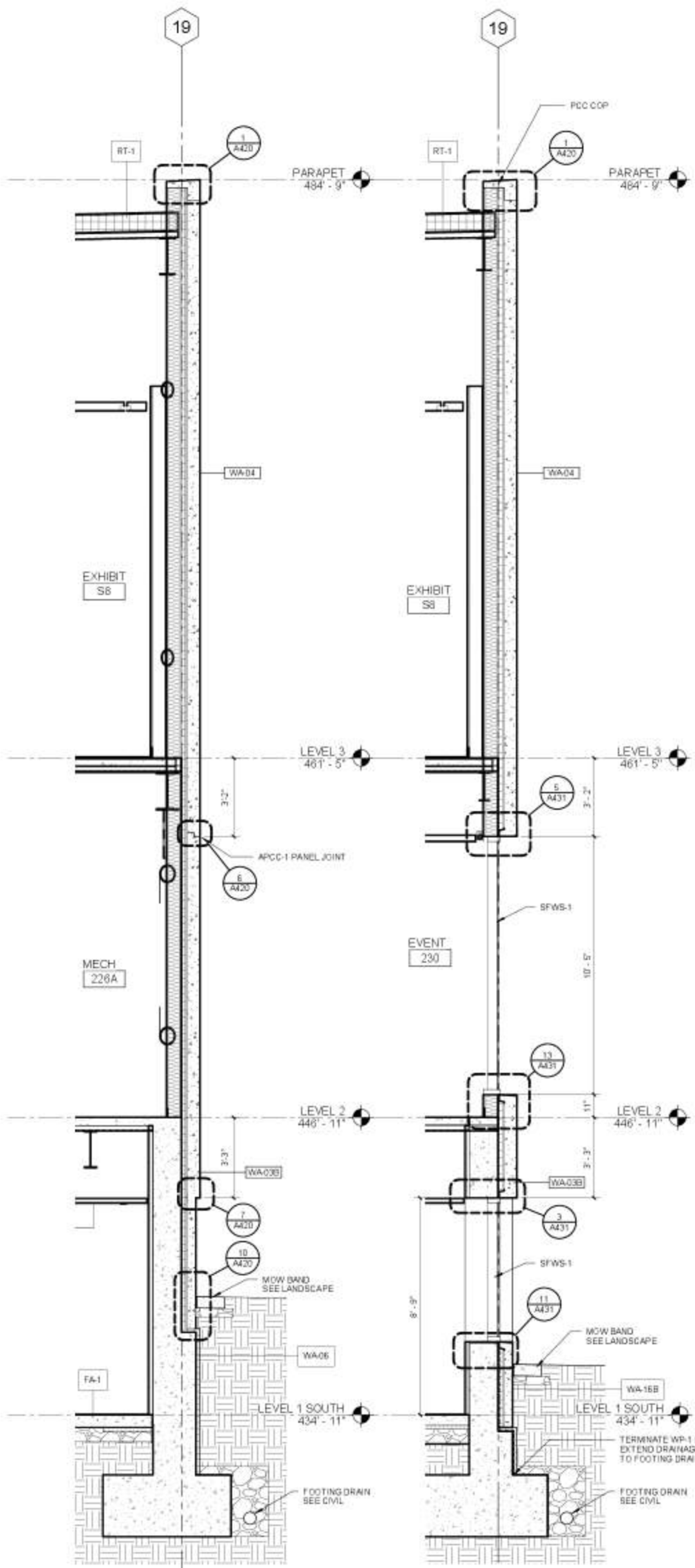
Wall Sections

A410

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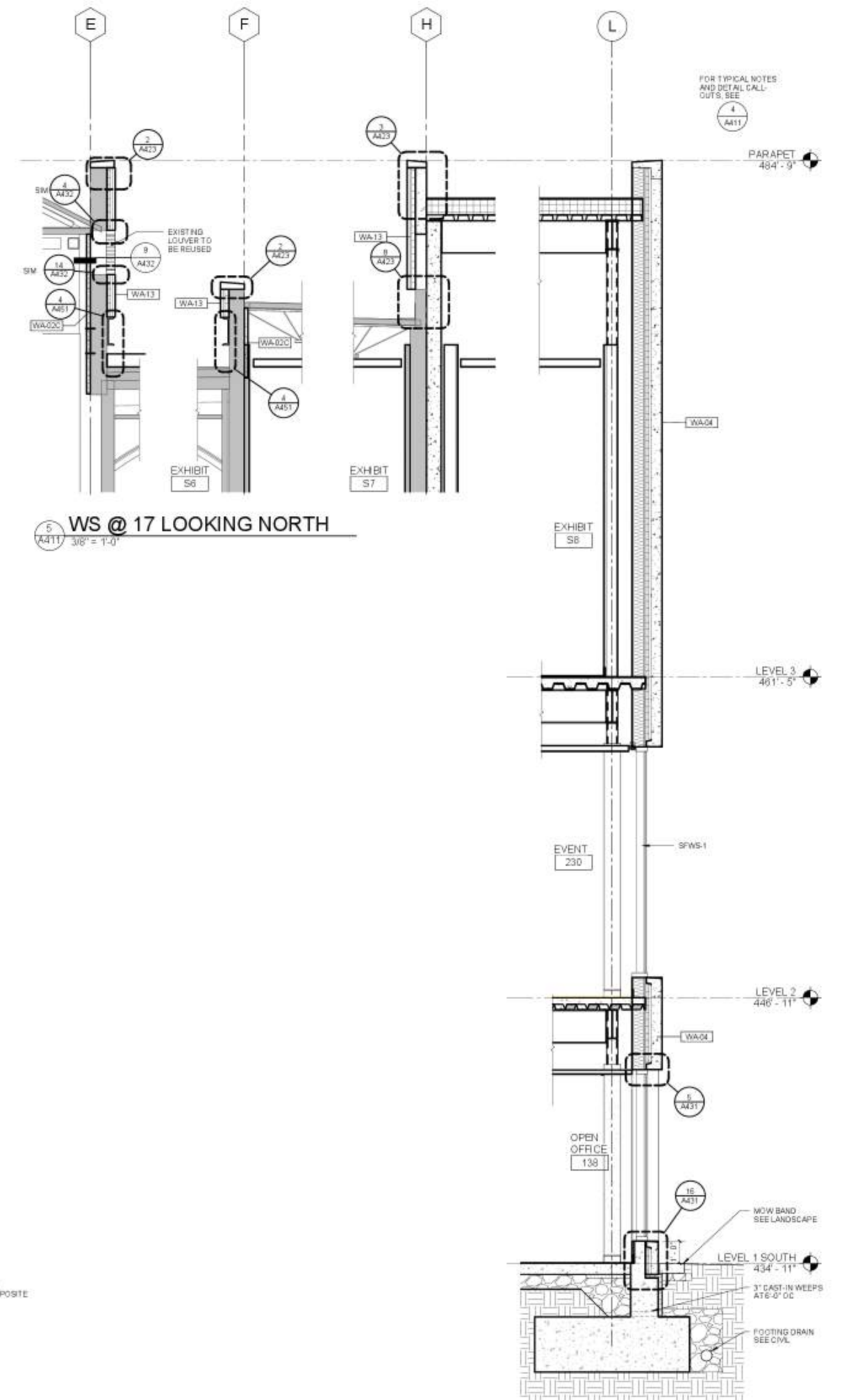


1 A411 3/8" = 1'-0"
WS @ G LOOKING WEST



3 A411 3/8" = 1'-0"
WS @ J LOOKING EAST

4 A411 3/8" = 1'-0"
WS @ K LOOKING EAST



5 A411 3/8" = 1'-0"
WS @ 17 LOOKING NORTH

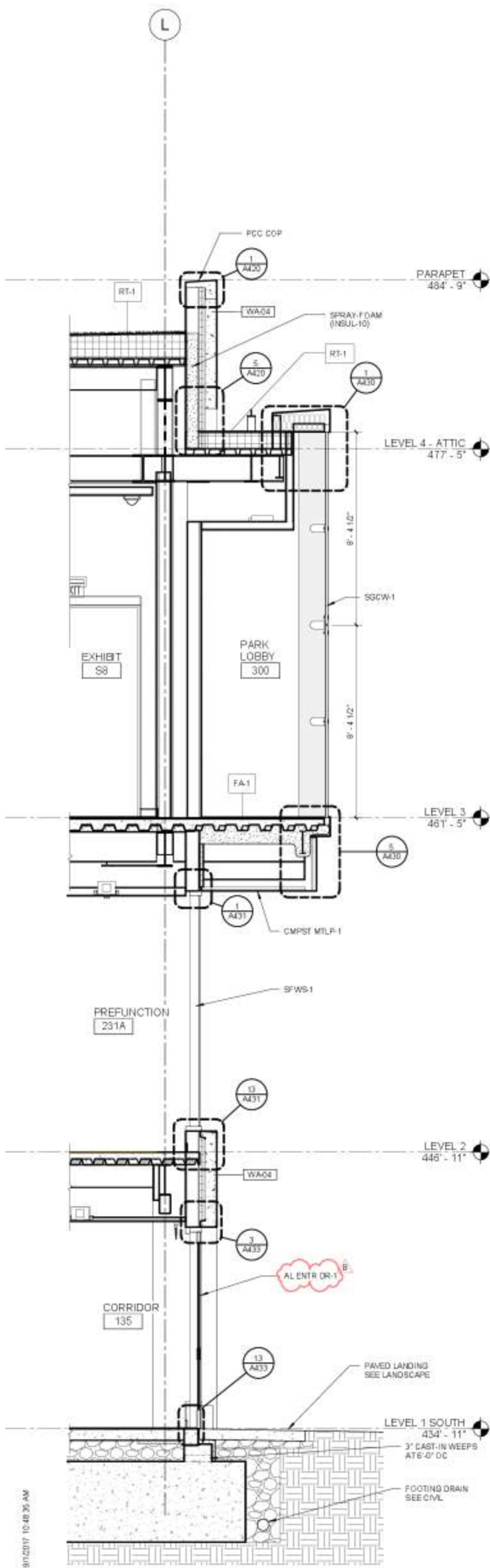
6 A411 3/8" = 1'-0"
WS @ 17 LOOKING NORTH

NOTE: SEE SHEETS A410 AND A411 FOR THERMAL ASSEMBLIES (WA-XX, FA-X, AND RT-X)

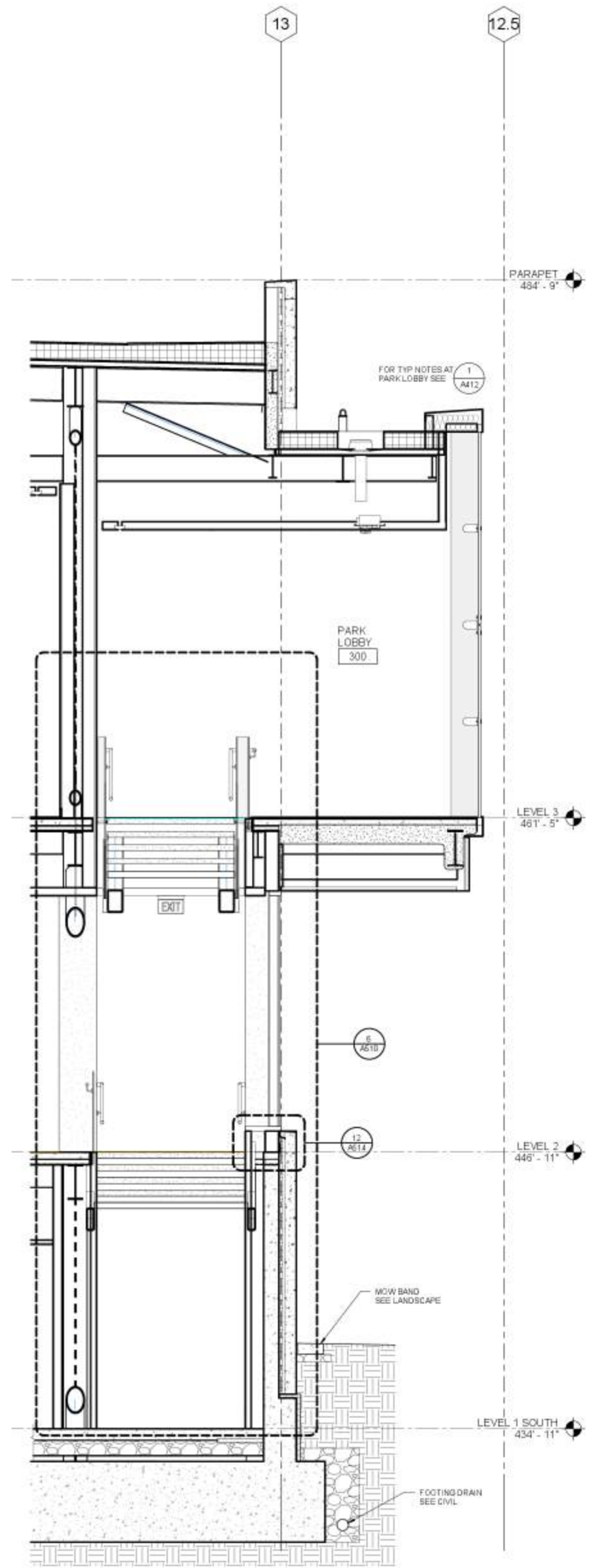
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Revisions	No.	Date	Description
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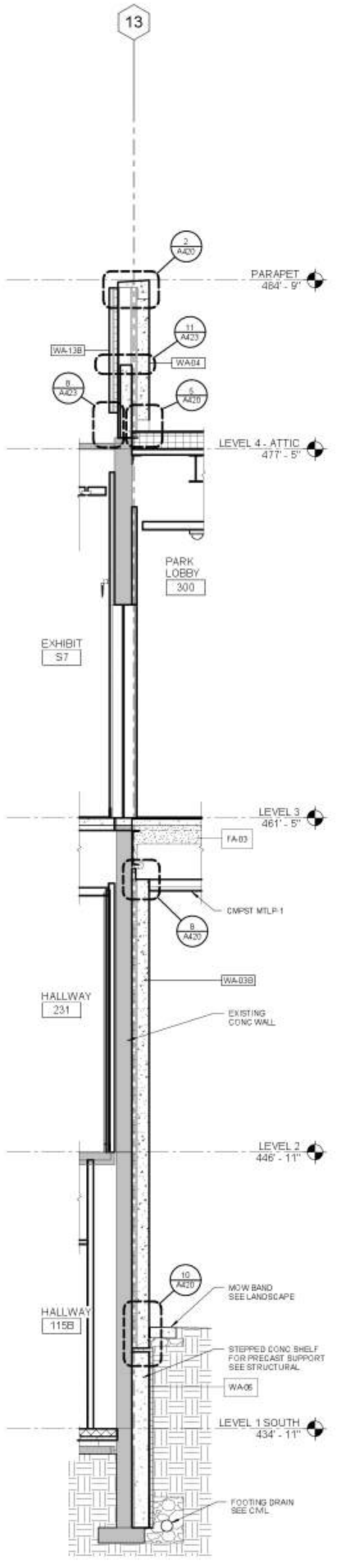
Drawn	Author
Checked	Author
LMN Proj No	16028.01
Date	6/23/17



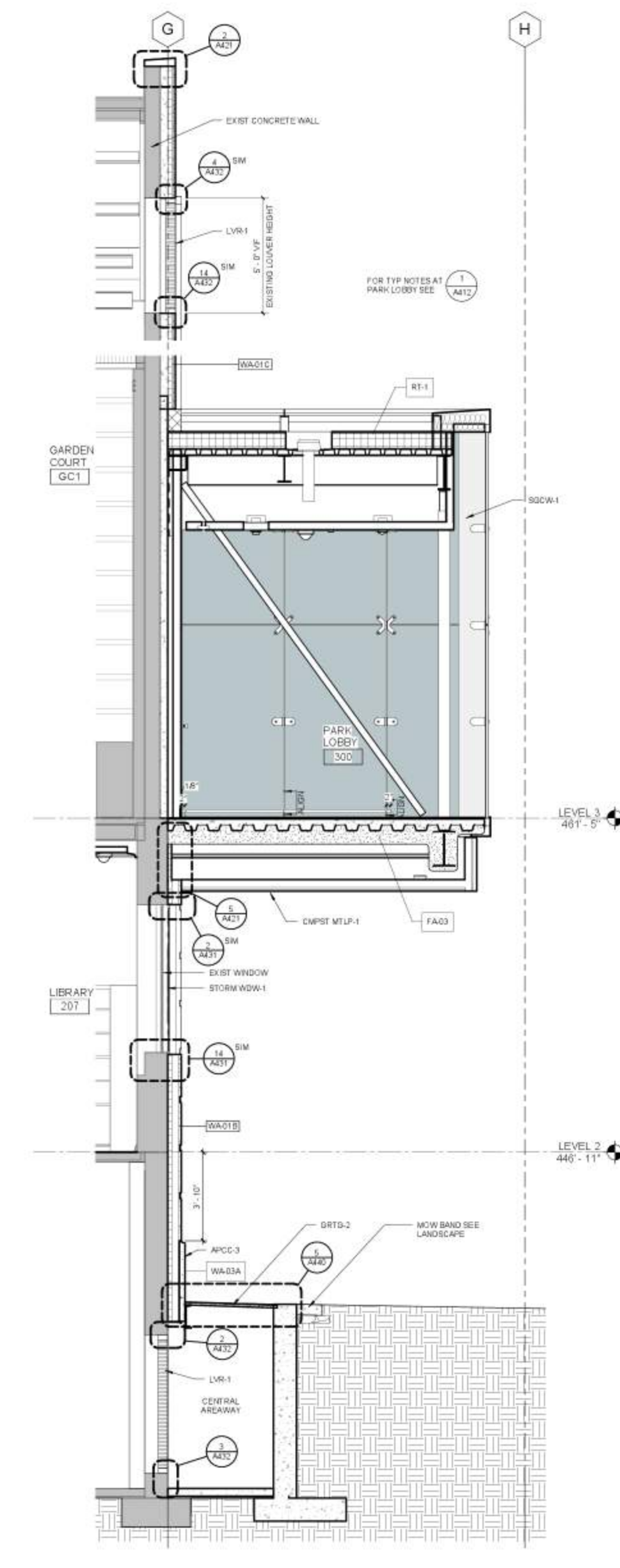
1 WS @ 14 LOOKING NORTH
A412 3/8" = 1'-0"



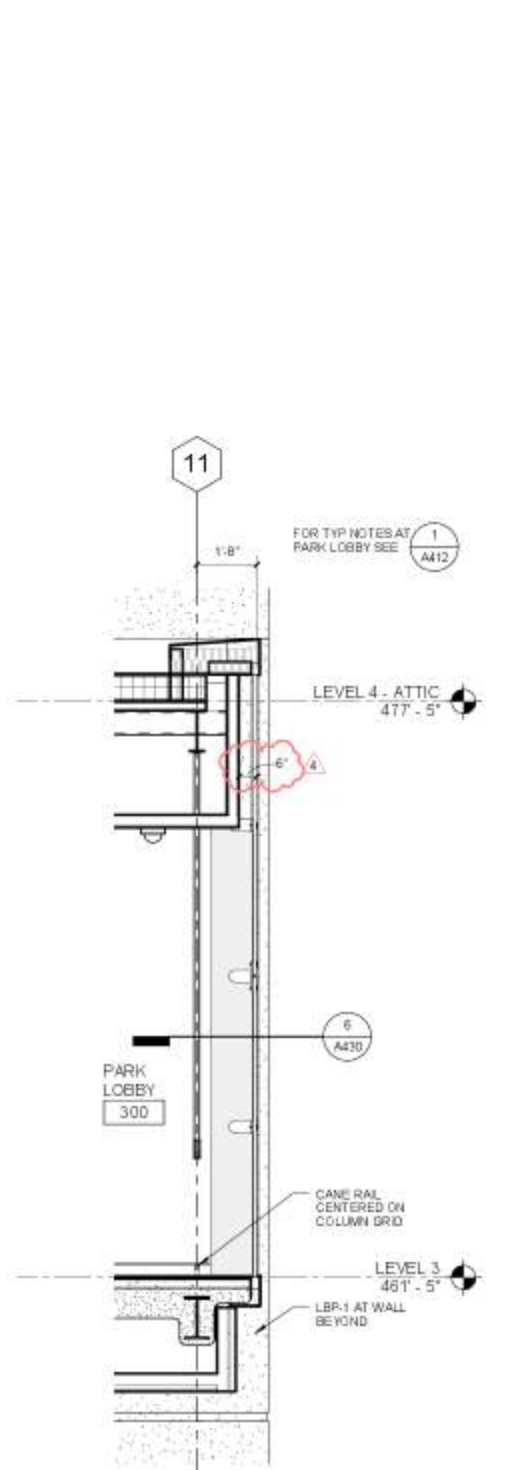
2 WS @ J LOOKING WEST
A412 3/8" = 1'-0"



3 WS @ G LOOKING WEST
A412 3/8" = 1'-0"



4 WS @ 11.5 NORTH
A412 3/8" = 1'-0"

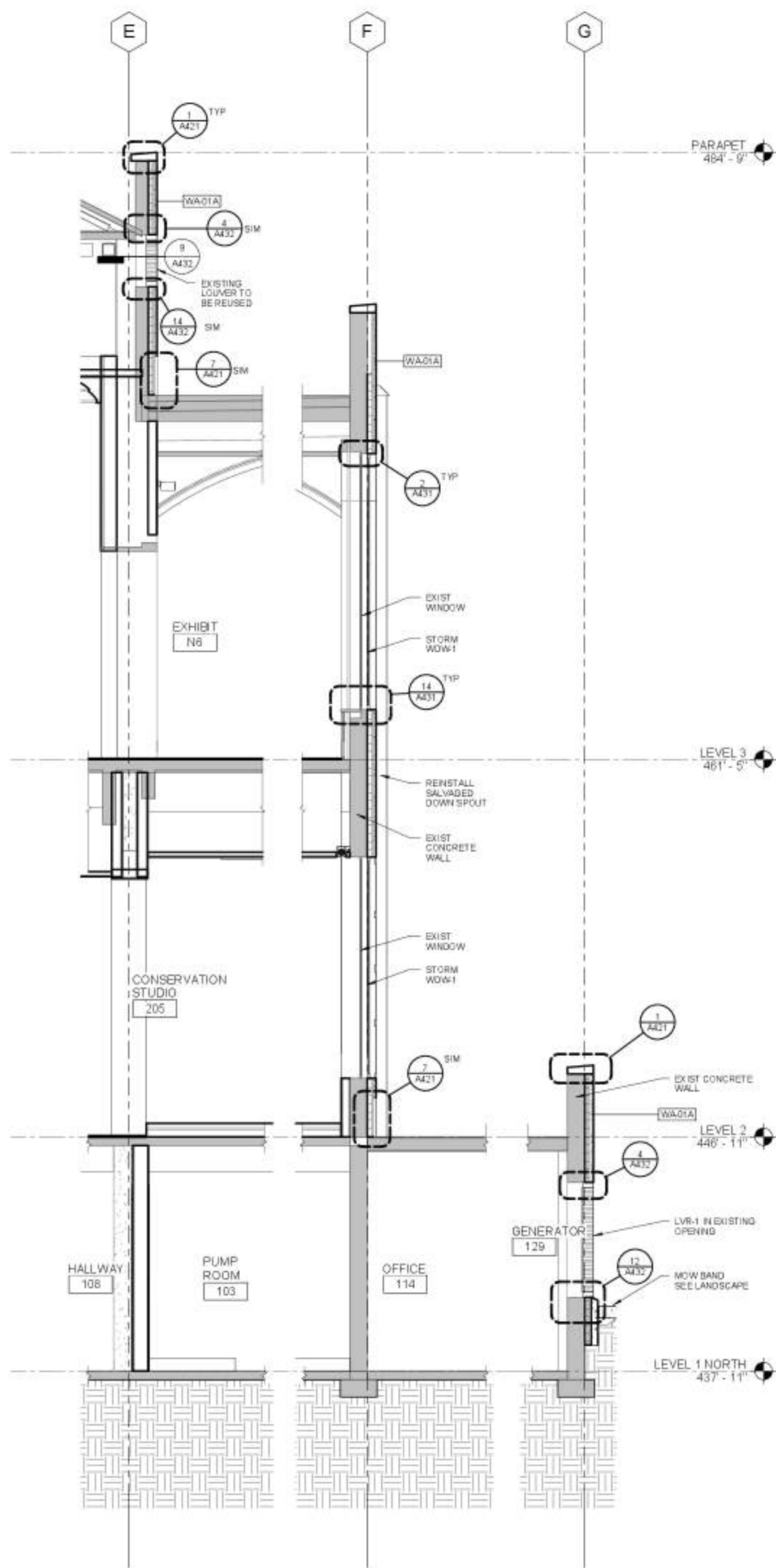


5 WS @ G LOOKING WEST
A412 3/8" = 1'-0"

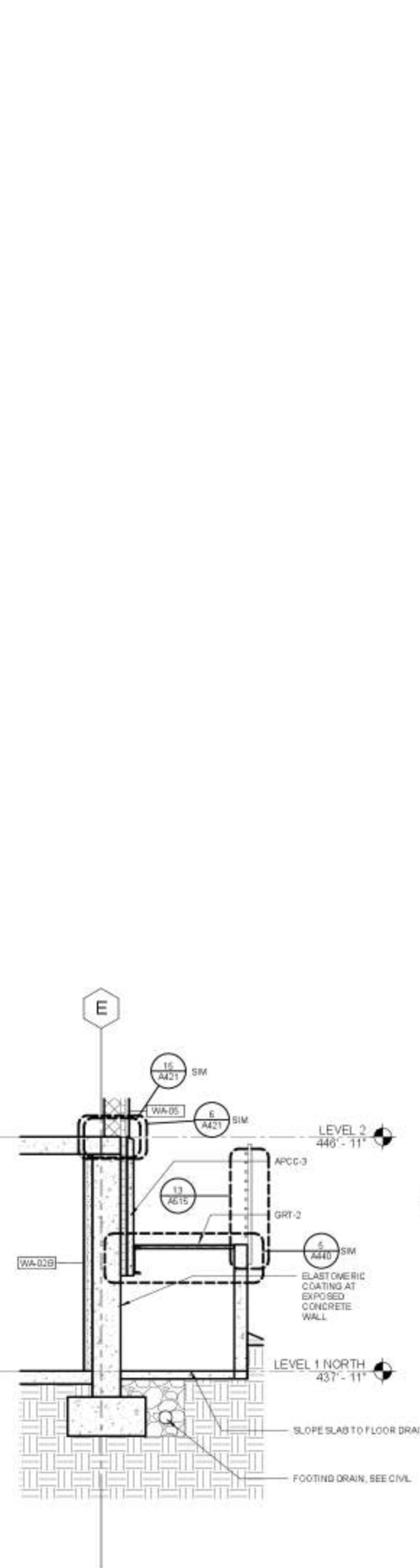
NOTE: SEE SHEETS A010 AND A011 FOR THERMAL ASSEMBLIES (WA-XX, FA-X, AND RT-X)

Revisions	No.	Date	Description
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	B	9/19/17	PERMIT CORRECTIONS 1

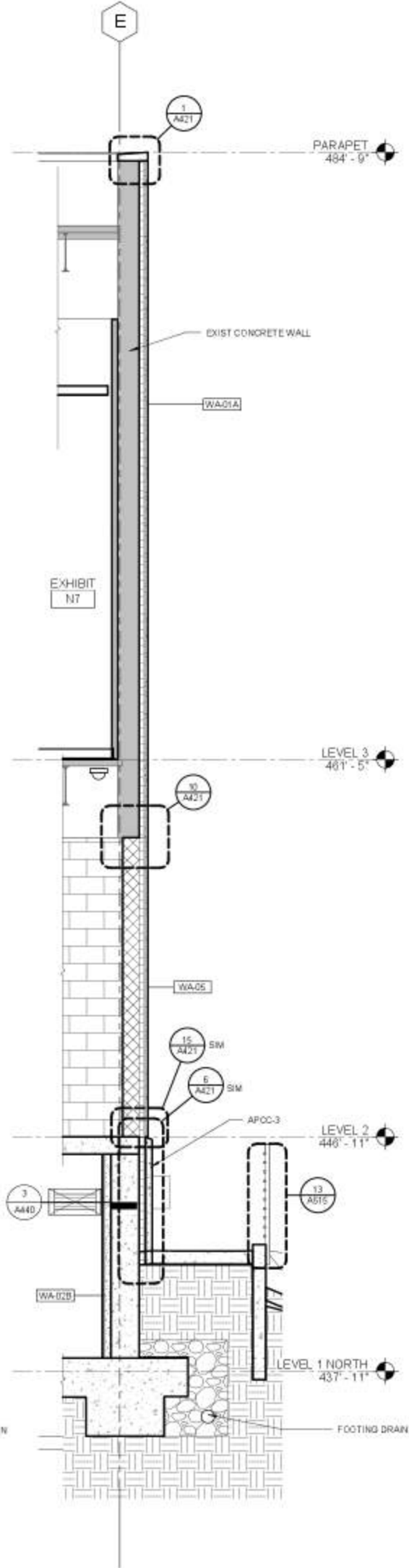
Drawn	Author
Checked	Author
LMN Proj No	16028.01
Date	6/23/17



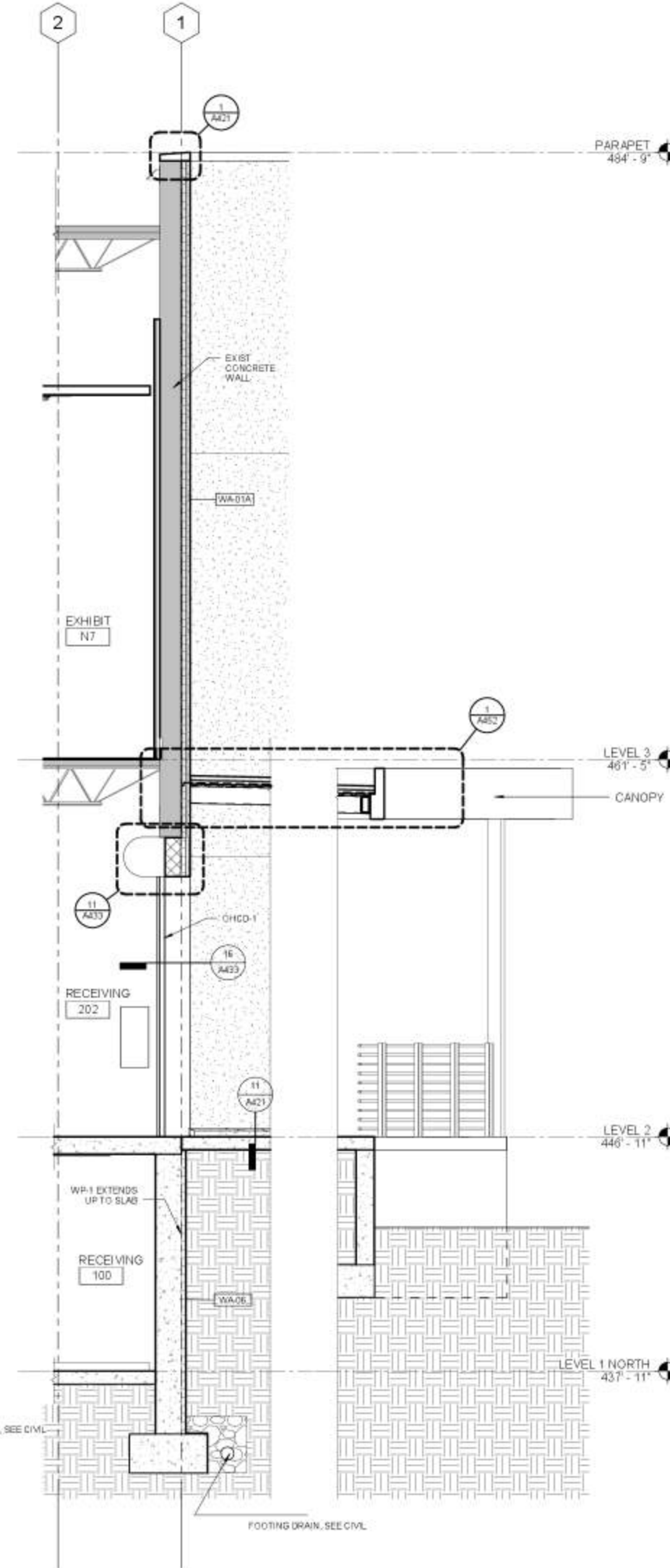
1 WS @ 7 LOOKING NORTH
A413 3/8" = 1'-0"



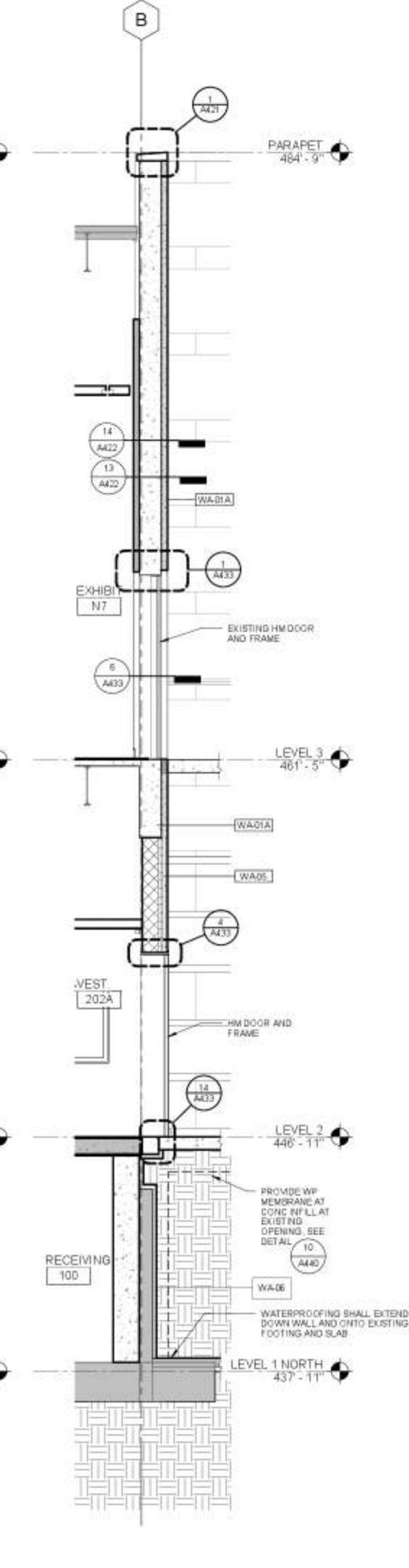
2 WS @ 1 LOOKING NORTH
A413 3/8" = 1'-0"



3 WS @ 1 LOOKING NORTH
A413 3/8" = 1'-0"



4 WS @ 2 LOOKING WEST
A413 3/8" = 1'-0"



5 WS @ 3 LOOKING SOUTH
A413 3/8" = 1'-0"

NOTE: SEE SHEETS A410 AND A411 FOR THERMAL ASSEMBLIES (WA-XX, FA-X, AND RT-X)

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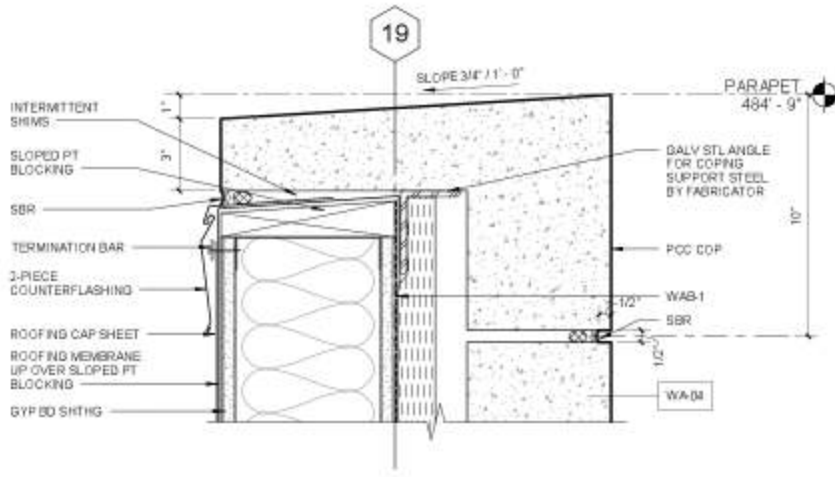
Revisions	
No.	Date / Description

Construction Documents

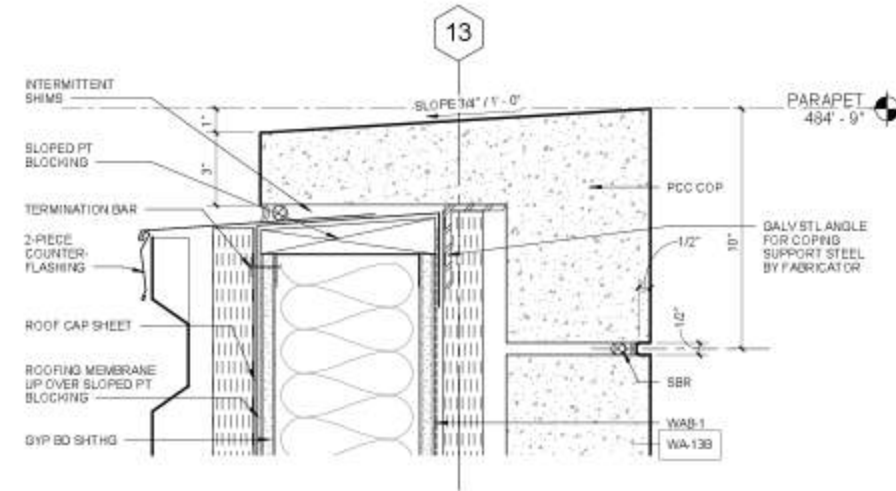
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Wall Sections

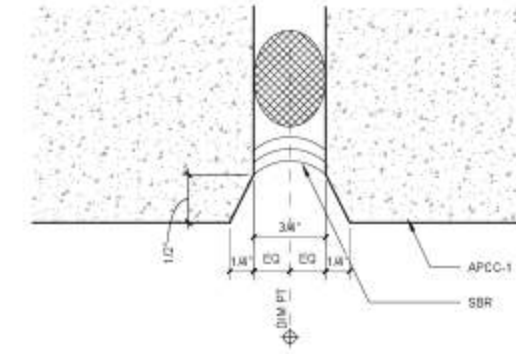
A413



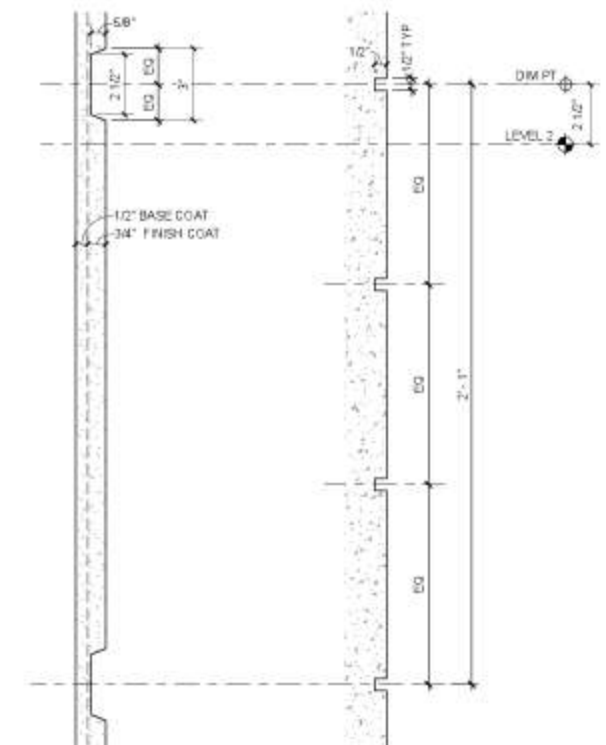
1 PARAPET AT WA-04A
A420 3" = 1'-0"



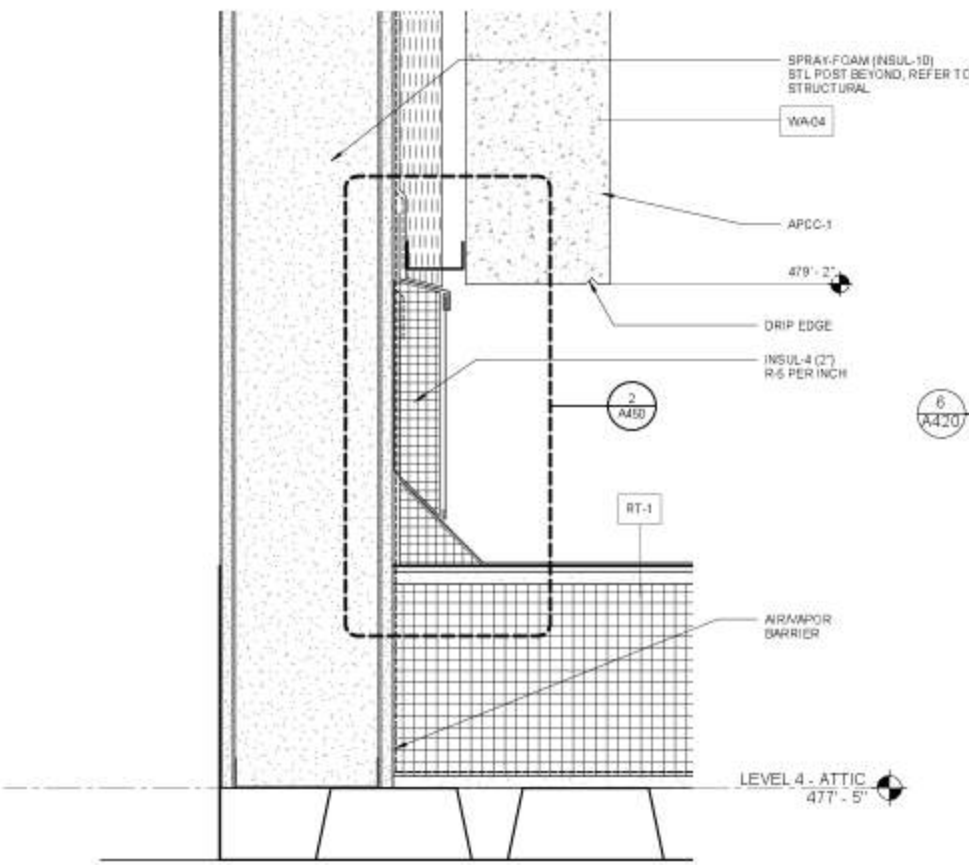
2 LOW ROOF AT WA-04 & WA-13
A420 3" = 1'-0"



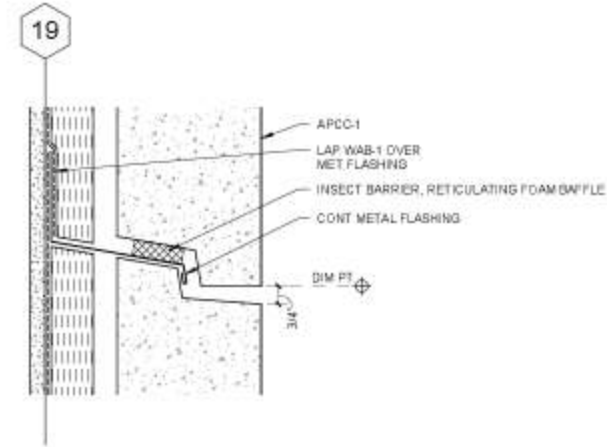
3 PRECAST PANEL JOINT, TYP.
A420 12" = 1'-0"



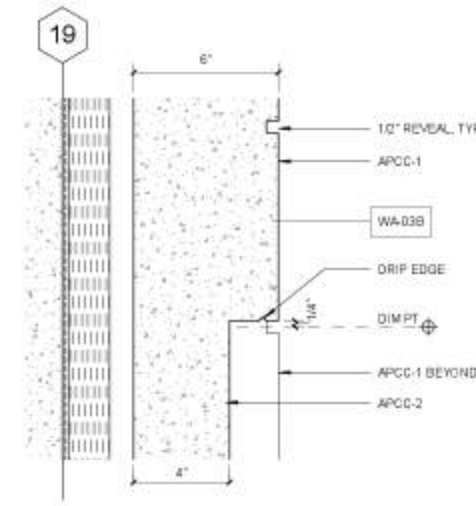
4 HORIZONTAL SCORE PATTERNS
A420 3" = 1'-0"



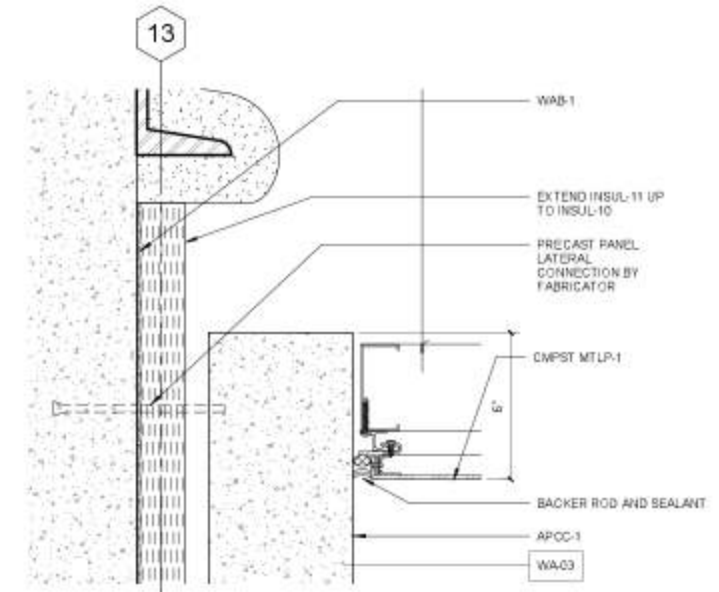
5 WA-04A AT PARAPET
A420 3" = 1'-0"



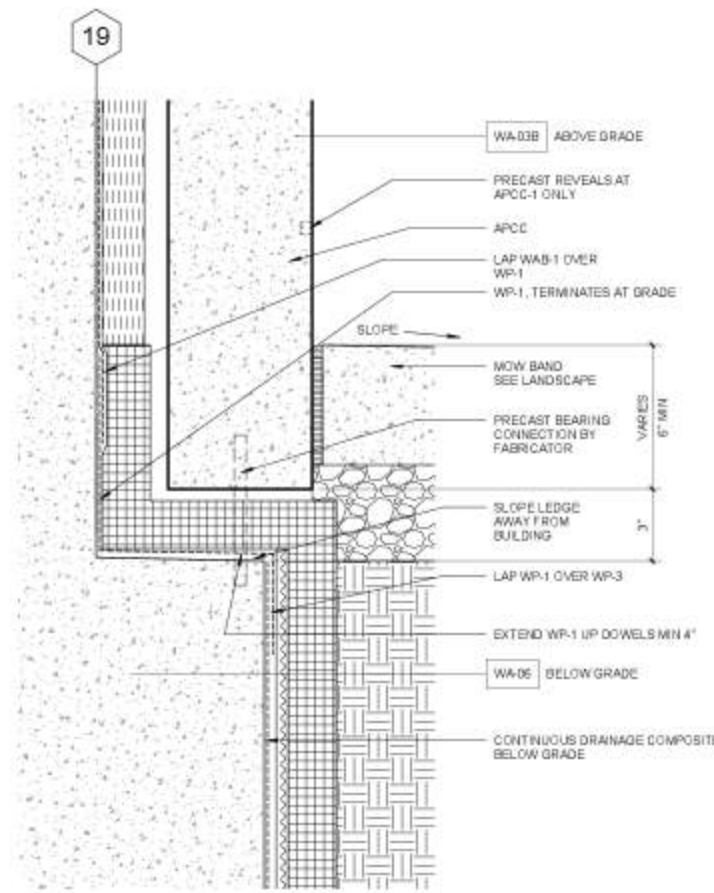
6 APCC HORIZ PANEL JOINT
A420 3" = 1'-0"



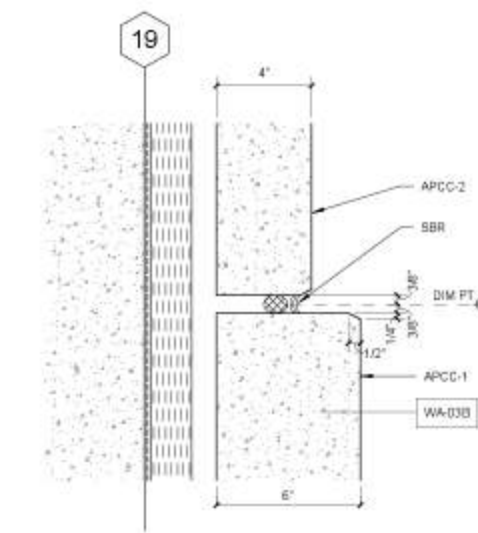
7 SECTION AT PRECAST SETBACK
A420 3" = 1'-0"



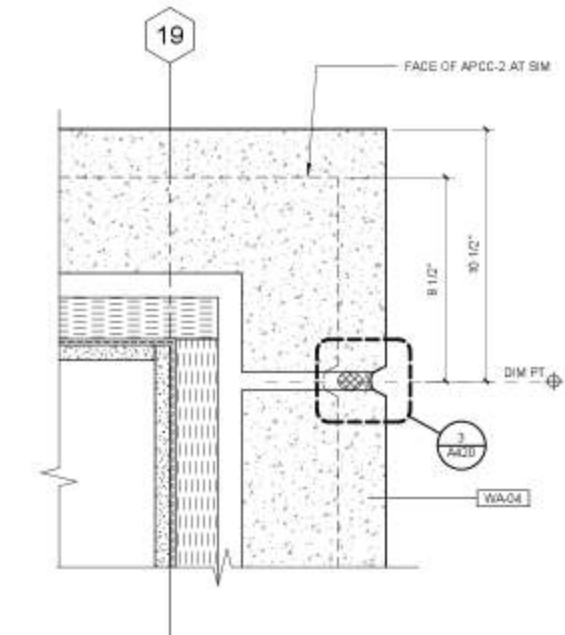
8 SOFFIT AT WA-03
A420 3" = 1'-0"



9 BASE OF WA-03
A420 3" = 1'-0"

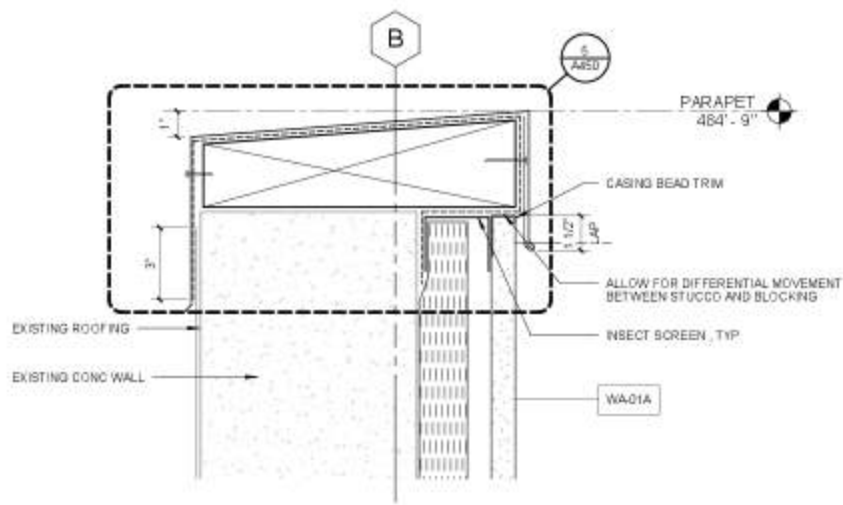


11 PLAN AT PRECAST SETBACK
A420 3" = 1'-0"



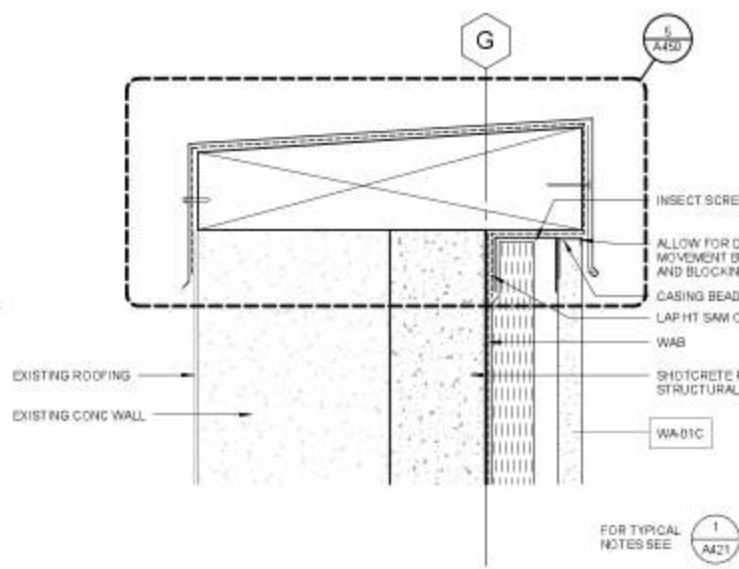
12 PLAN - WA-04A CORNER DETAIL
A420 3" = 1'-0"

Please Refer to A420A



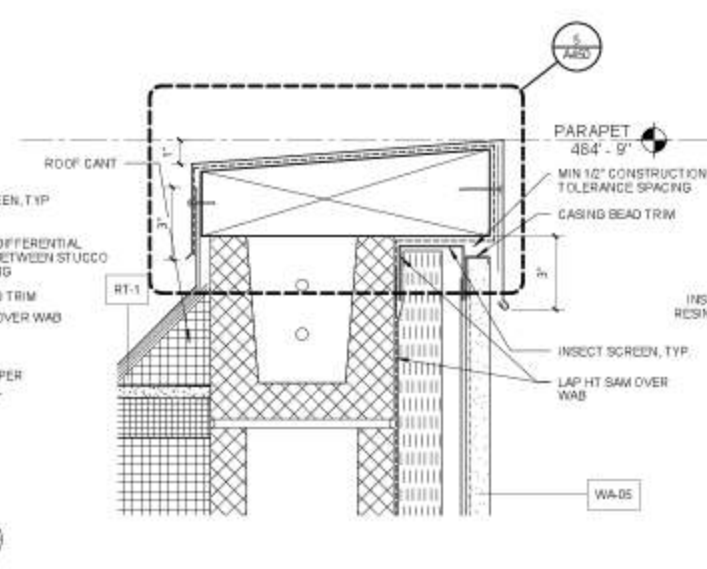
1
A421 3" = 1'-0"

WA-01A PARAPET AT ROOF



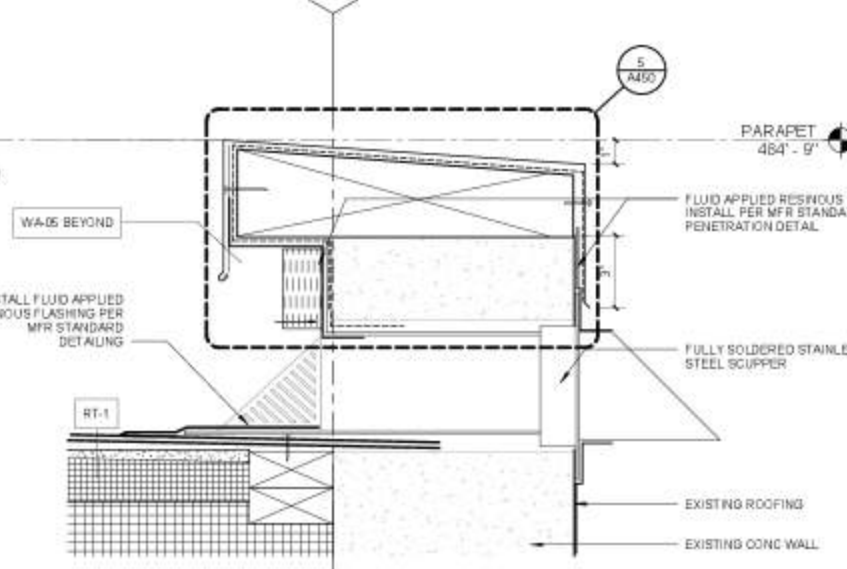
2
A421 3" = 1'-0"

WA-01C PARAPET AT SHOTCRETE



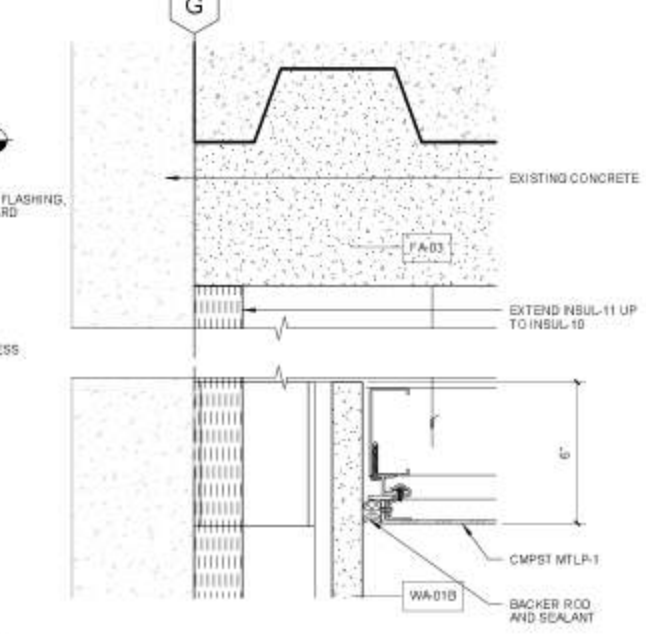
3
A421 3" = 1'-0"

WA-05 PARAPET AT ROOF W/CMU



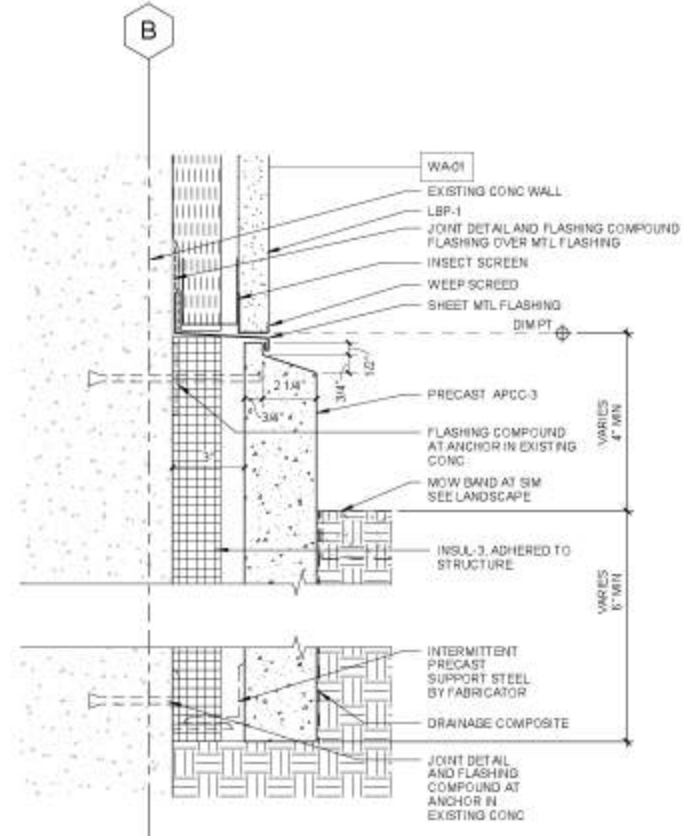
4
A421 3" = 1'-0"

EXISTING CONCRETE PARAPET AT SCUPPER



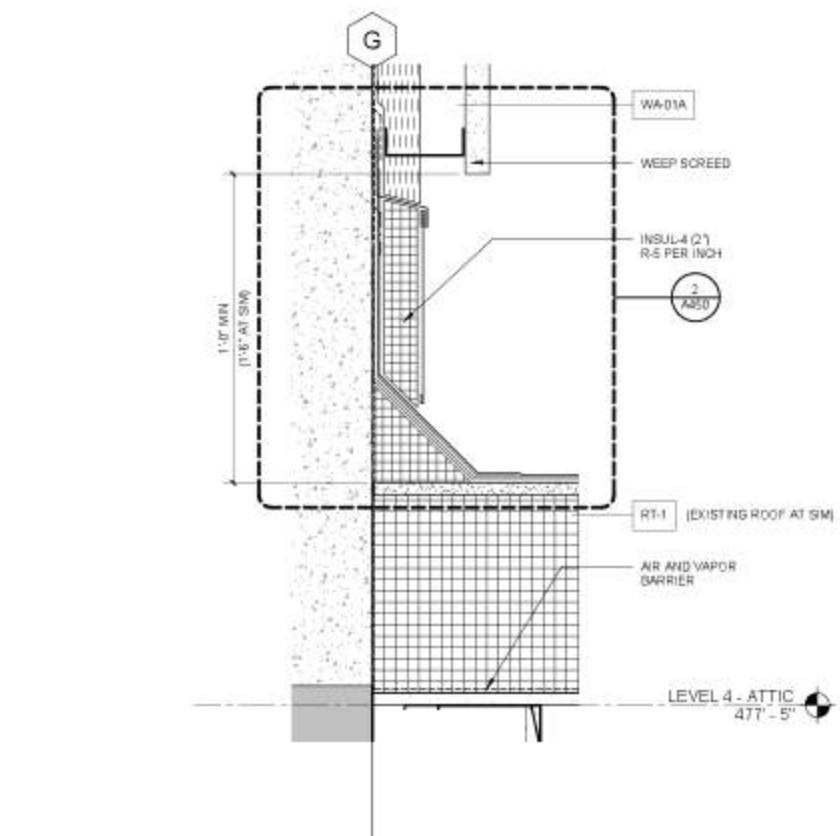
5
A421 3" = 1'-0"

SOFFIT AT WA-01B



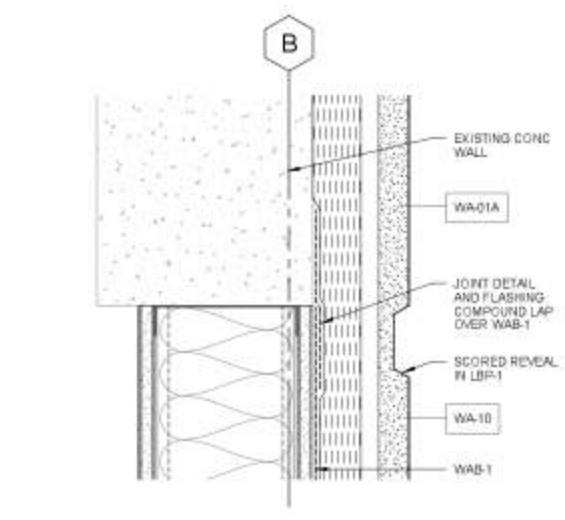
6
A421 3" = 1'-0"

WA-01A AT GRADE



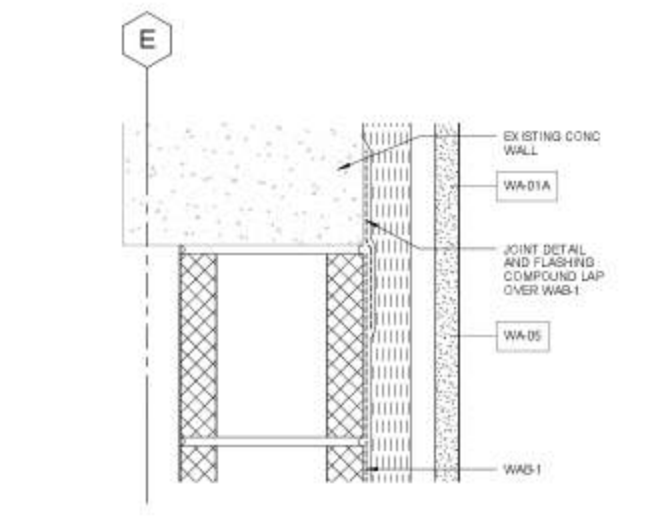
7
A421 3" = 1'-0"

ROOF AT WA-01B



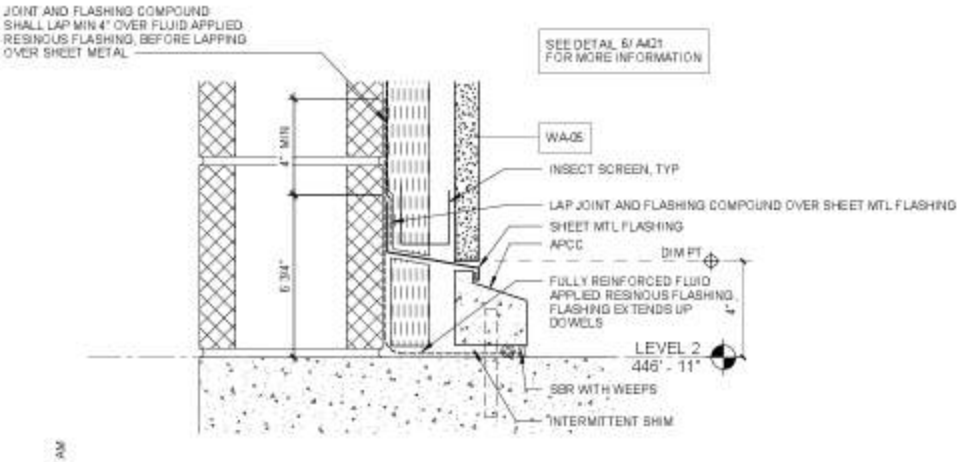
9
A421 3" = 1'-0"

MET STUD INFILL AT LBP - HEAD/JAMB



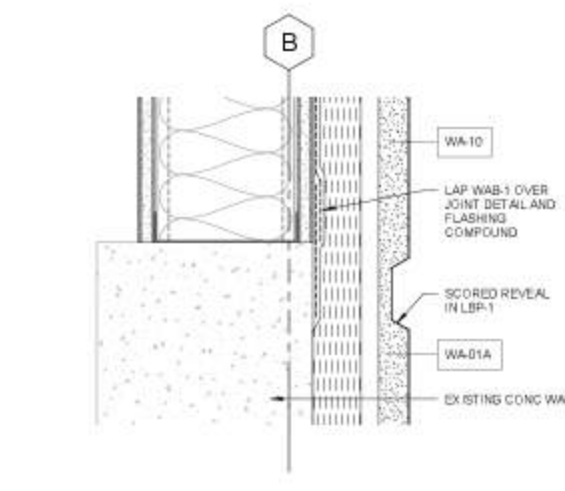
10
A421 3" = 1'-0"

CMU INFILL AT LBP - HEAD/JAMB



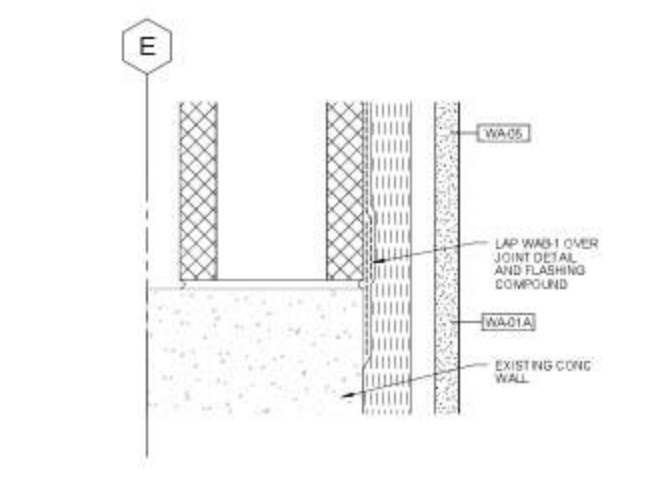
11
A421 3" = 1'-0"

LBP AT CONC WALK



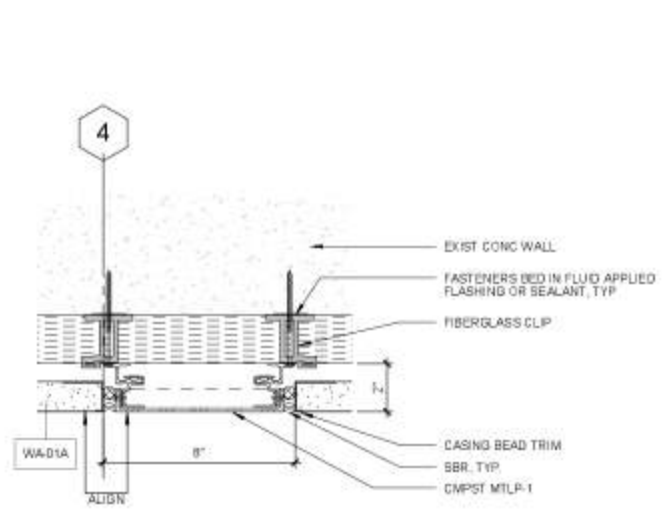
14
A421 3" = 1'-0"

MET STUD INFILL AT LBP - SILL



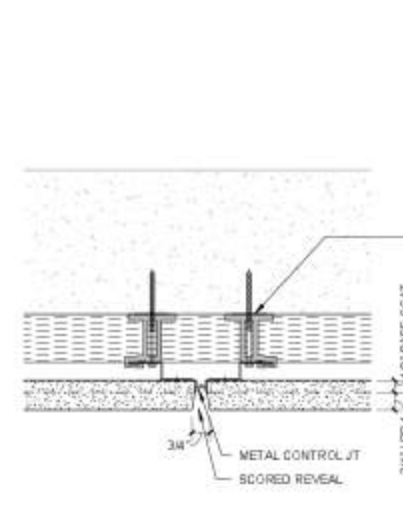
15
A421 3" = 1'-0"

CMU INFILL AT LBP - SILL



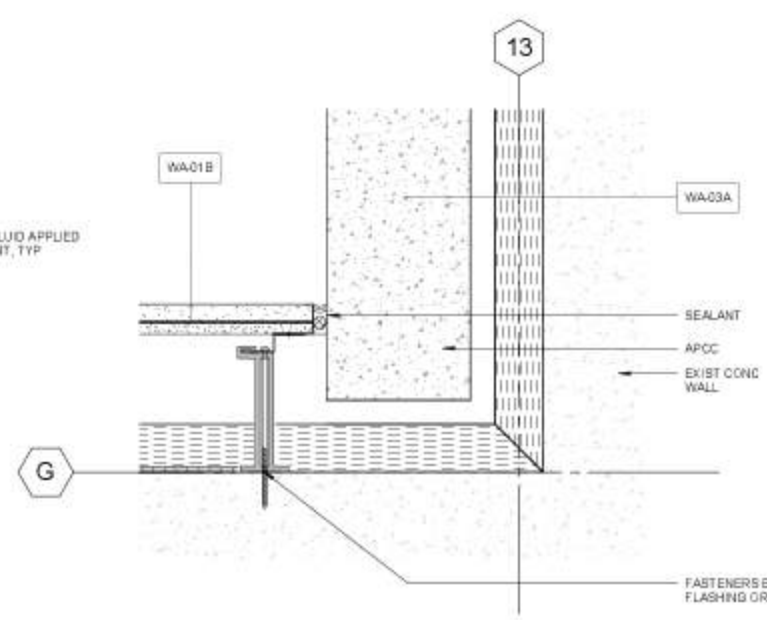
2
A422 3" = 1'-0"

CMPST MTLP-1 TRANSITION



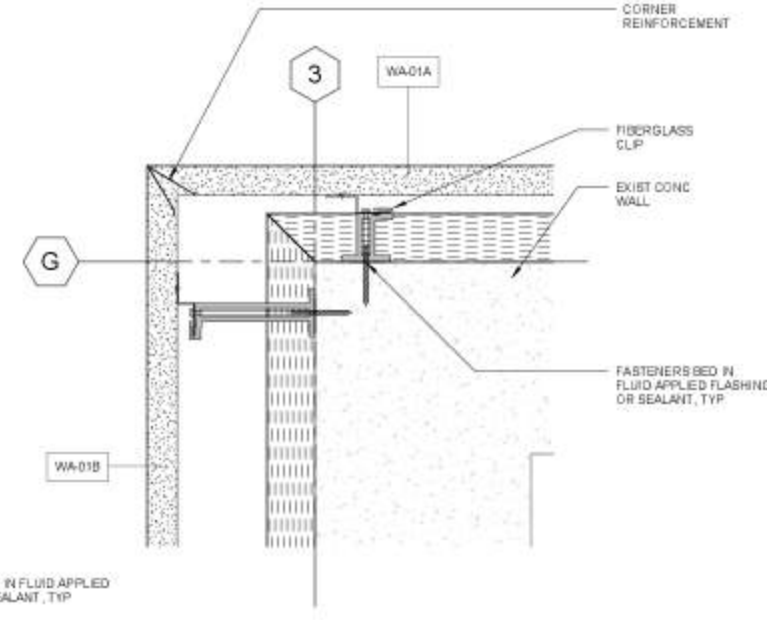
3
A422 3" = 1'-0"

LBP CONTROL JT, TYP



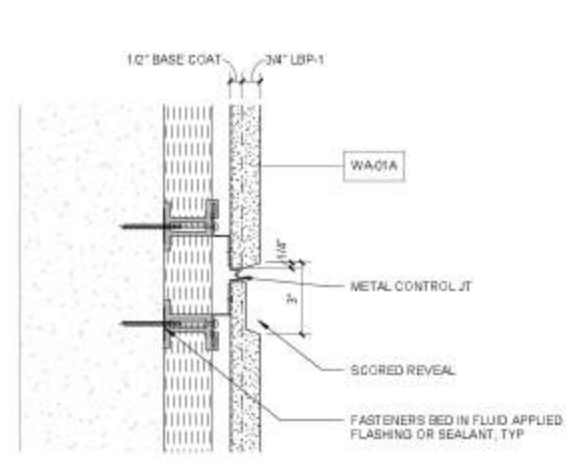
4
A422 3" = 1'-0"

PLAN - LBP TO APCC INSIDE CORNER



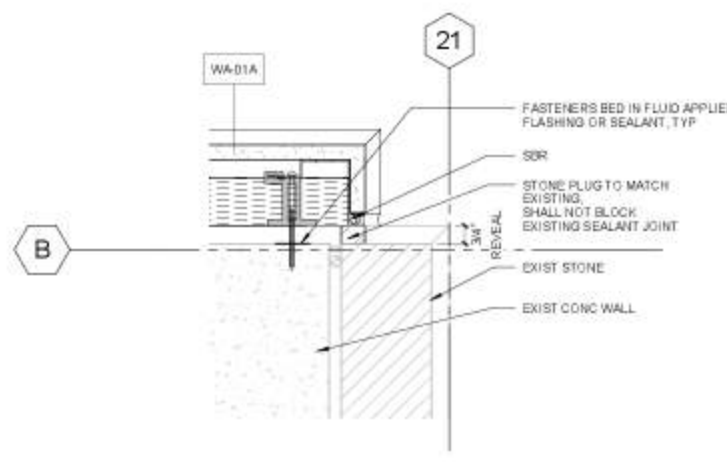
5
A422 3" = 1'-0"

PLAN - LBP OUTSIDE CORNER



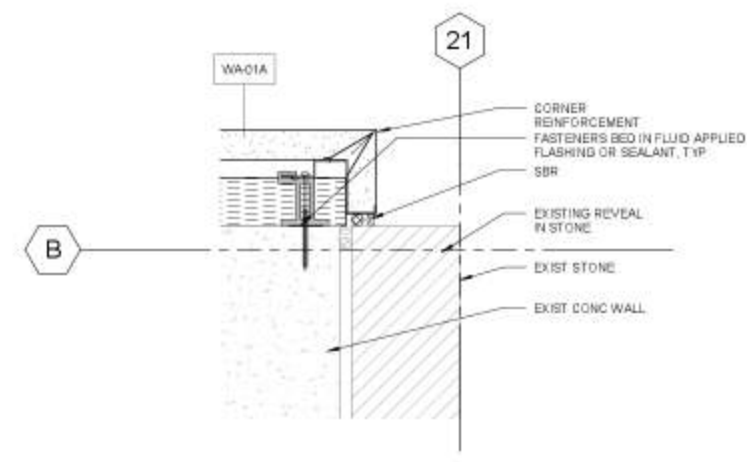
7
A422 3" = 1'-0"

LBP CONTROL JT AT REVEAL



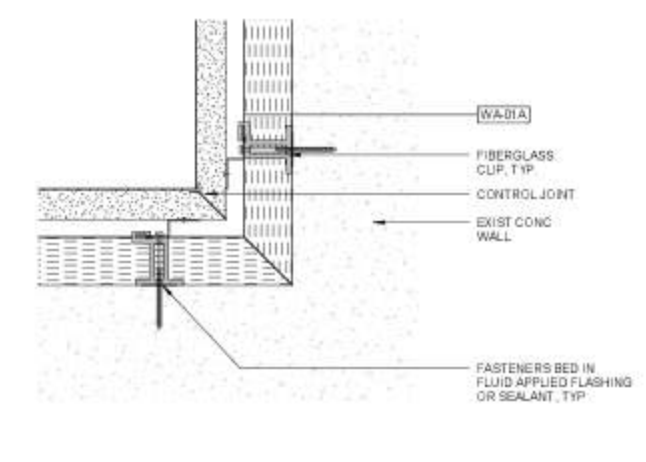
8
A422 3" = 1'-0"

PLAN - LBP OUTSIDE CORNER AT STONE REVEAL



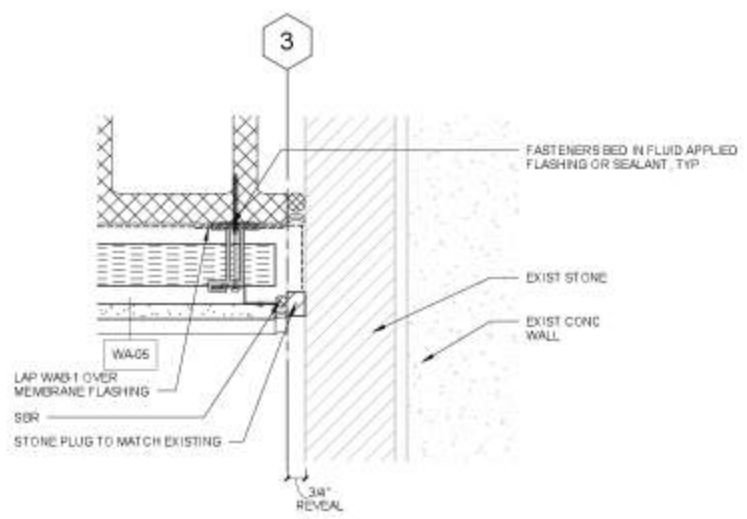
9
A422 3" = 1'-0"

PLAN - LBP OUTSIDE CORNER AT STONE



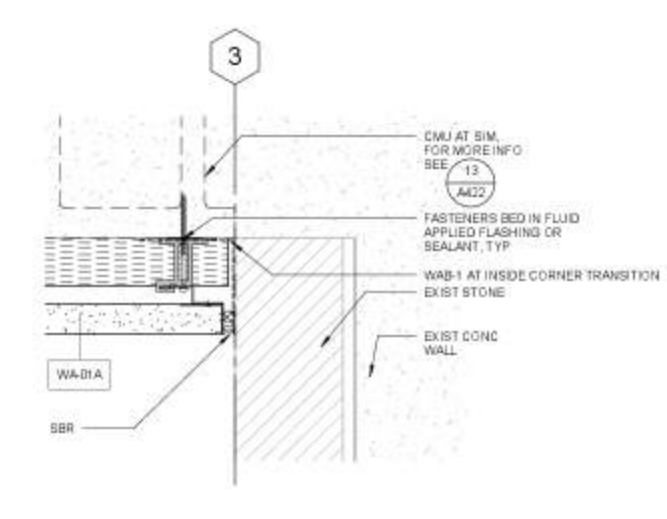
10
A422 3" = 1'-0"

PLAN - WA-01A INSIDE CORNER



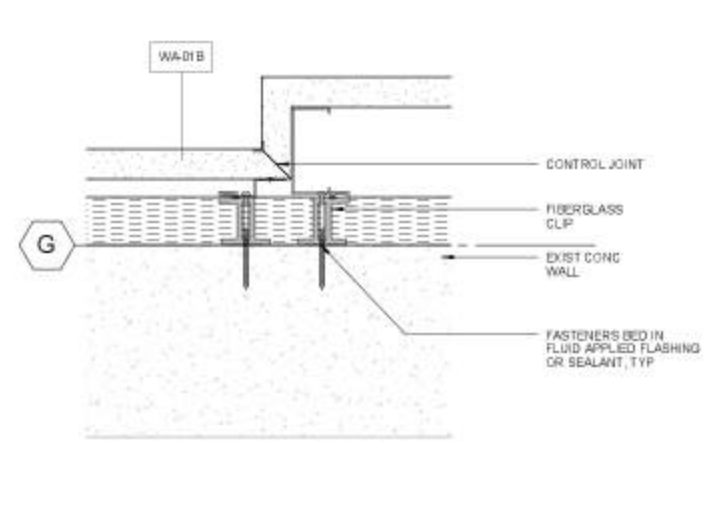
13
A422 3" = 1'-0"

PLAN - LBP INSIDE CORNER AT STONE REVEAL



14
A422 3" = 1'-0"

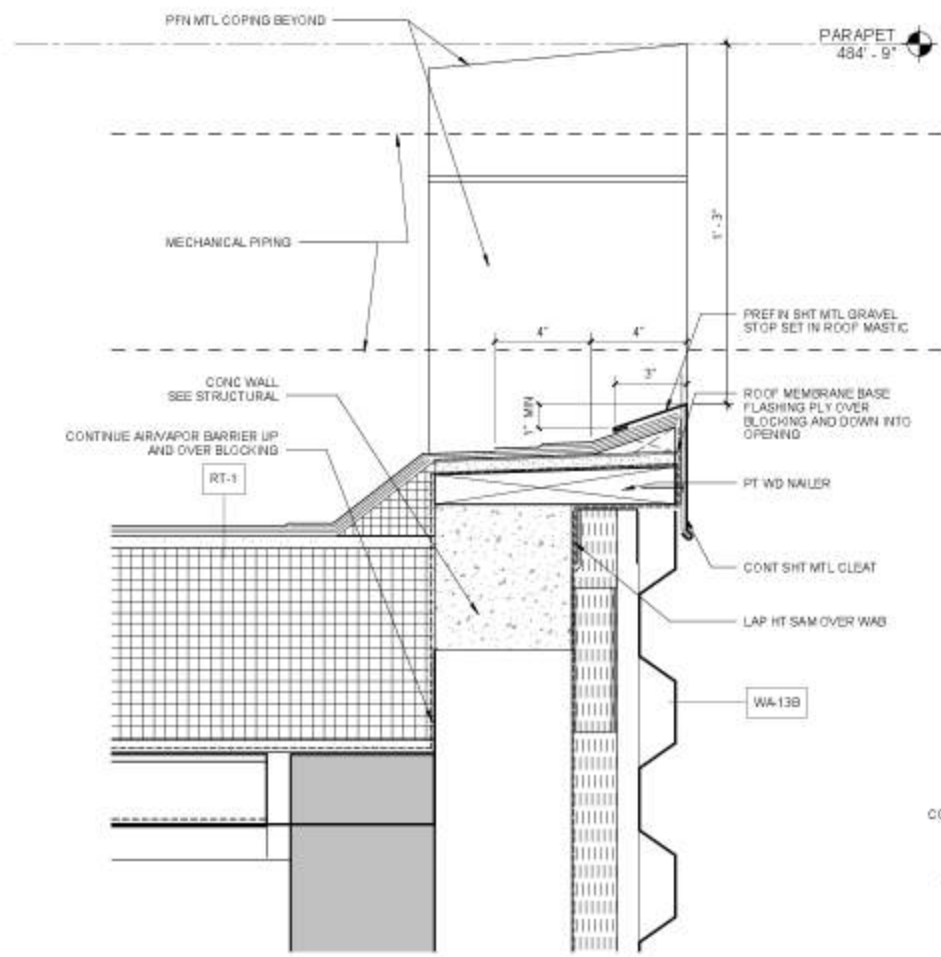
PLAN - LBP INSIDE CORNER AT STONE



15
A422 3" = 1'-0"

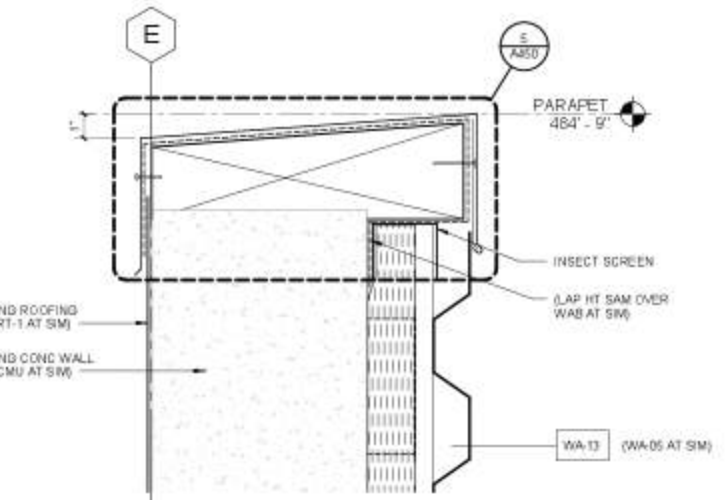
PLAN - LBP STEP

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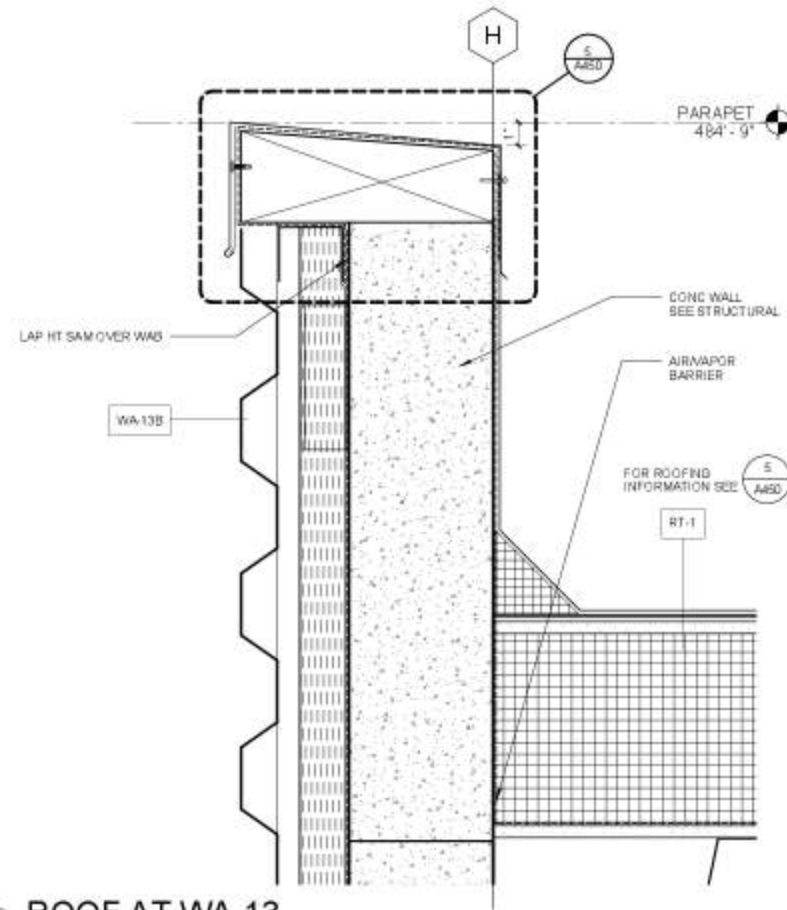
1 PARAPET AT COPING NOTCH

WA-13B 3" = 1'-0"



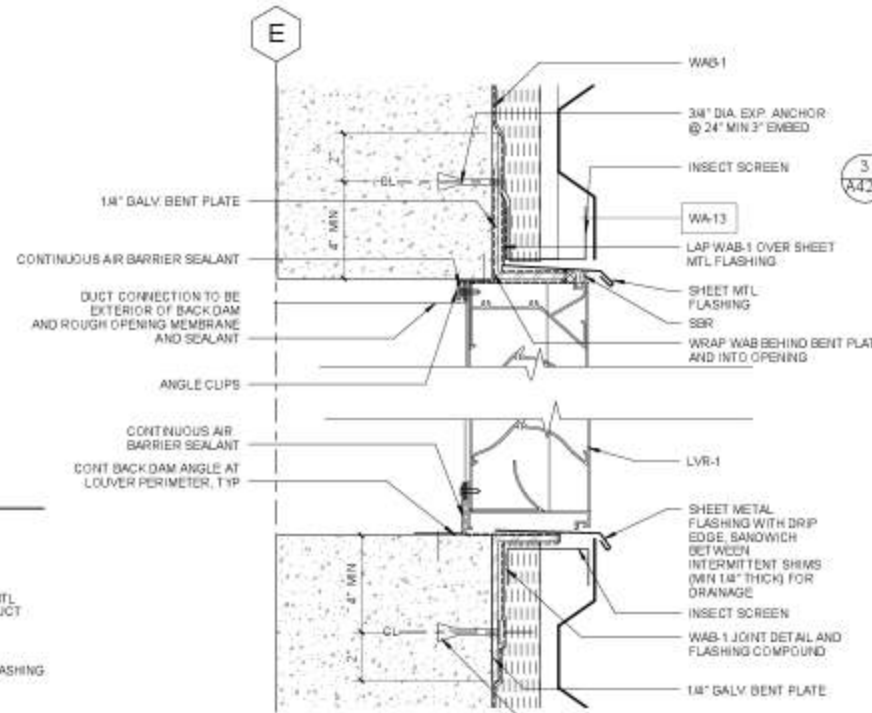
2 PARAPET AT WA-13

WA-13 3" = 1'-0"



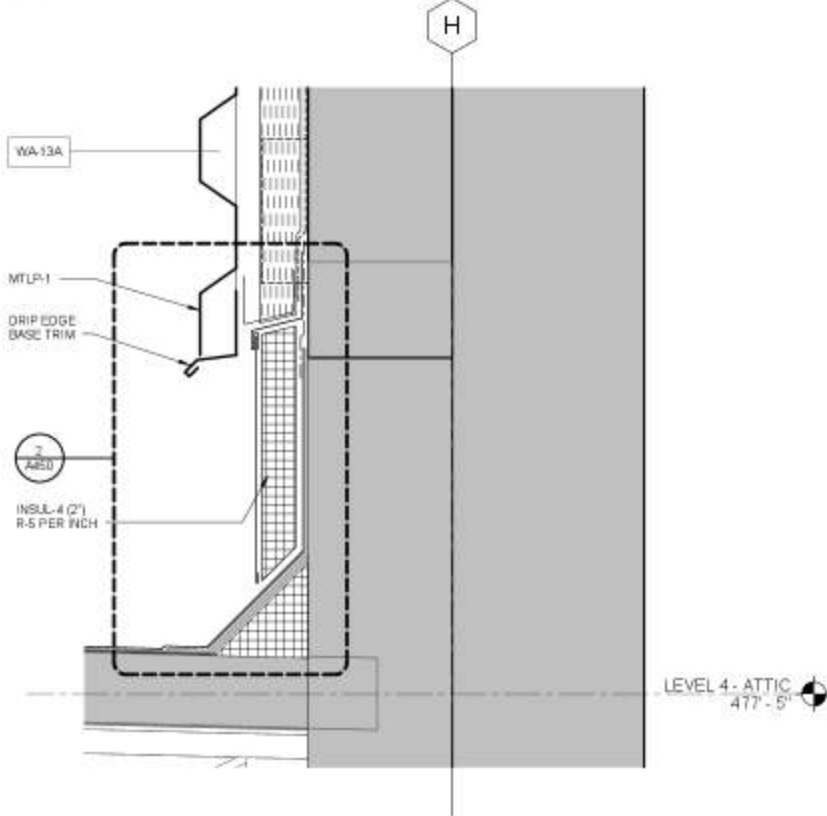
3 ROOF AT WA-13

WA-13 3" = 1'-0"



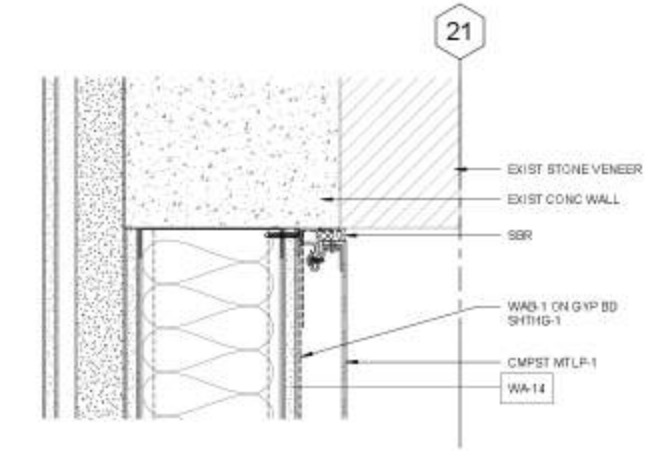
7 LVR-1 AT WA-13

WA-13 3" = 1'-0"



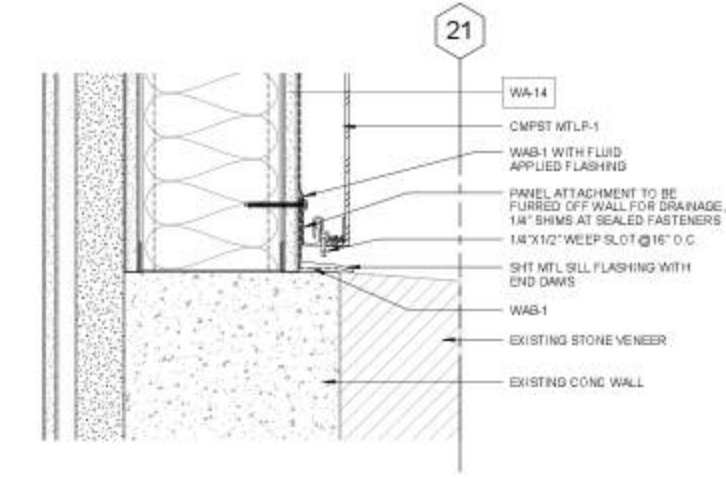
8 WA-13 AT ROOF

WA-13 3" = 1'-0"



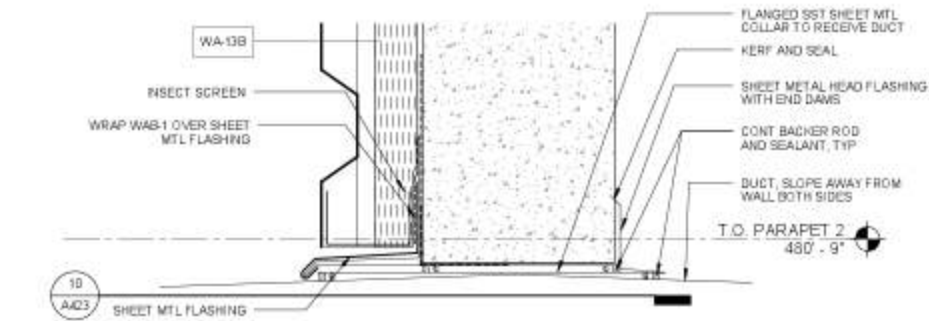
4 MTLP INFILL HEAD (JAMB SIM)

WA-14 3" = 1'-0"



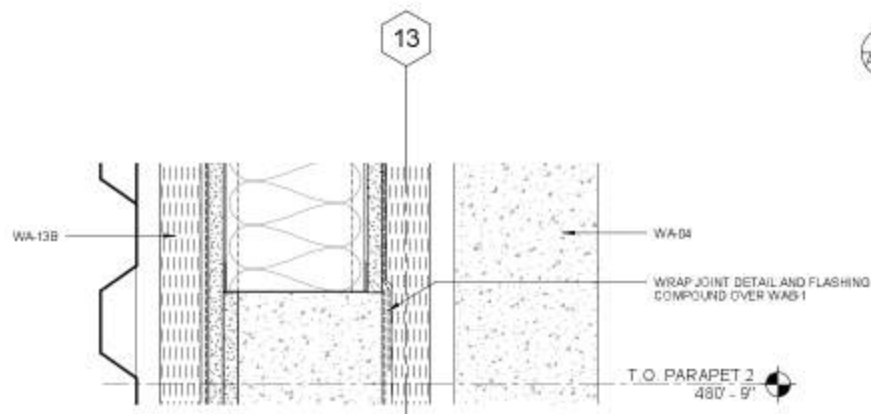
9 MTLP INFILL SILL

WA-14 3" = 1'-0"



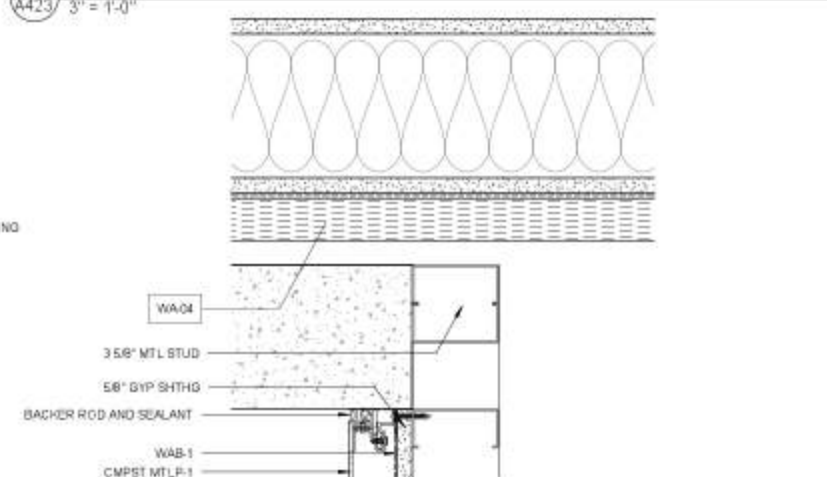
6 MECH DUCT PENETRATION HEADER

WA-13B 3" = 1'-0"



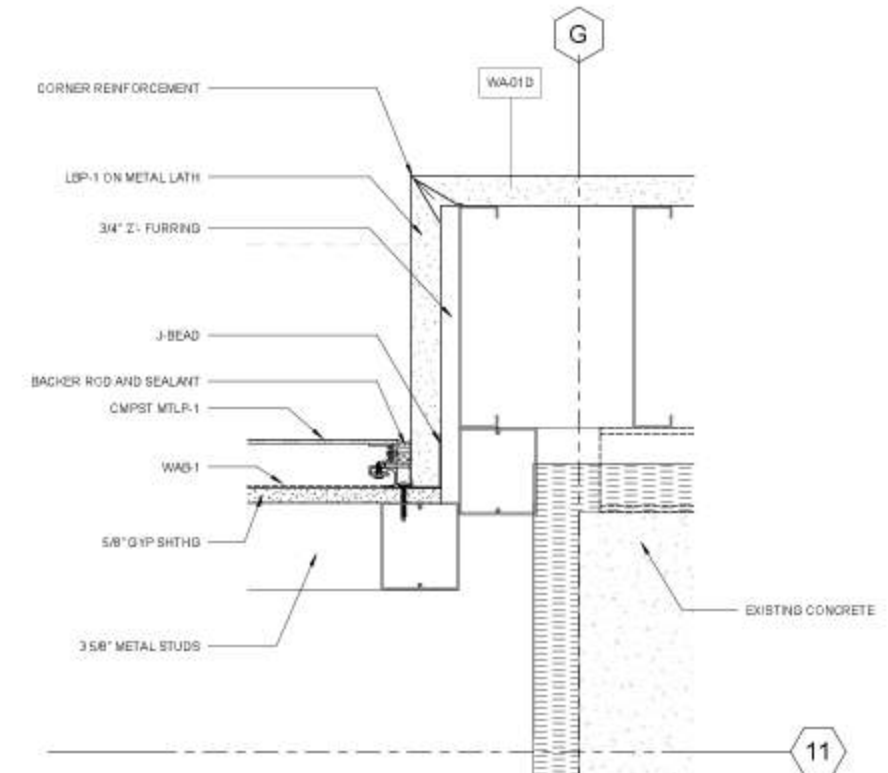
11 DETAIL - CONCRETE TO STUD TRANSITION

WA-13B 3" = 1'-0"



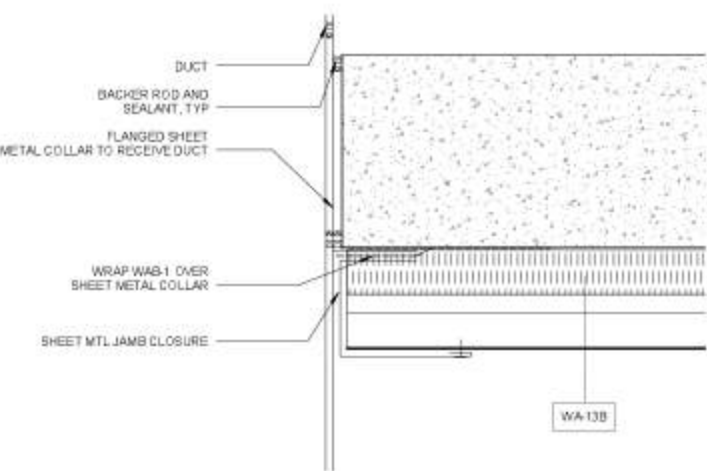
12 PLAN - CORNER @ APCC-1 AND CMPST MTLP-1

WA-13 3" = 1'-0"



13 PLAN - CORNER AT CMPST MTLP-1 AND LBP-1

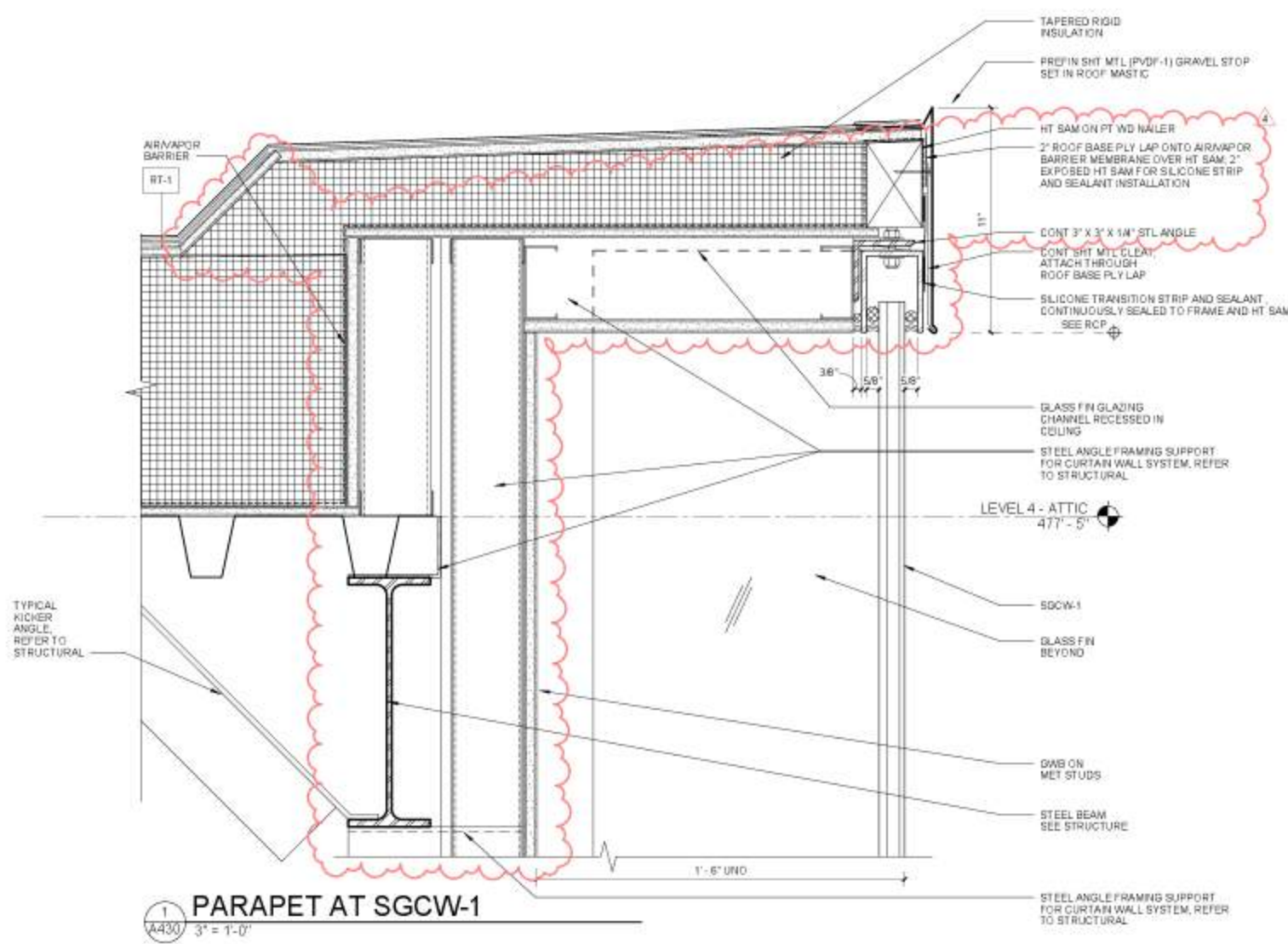
WA-13 3" = 1'-0"



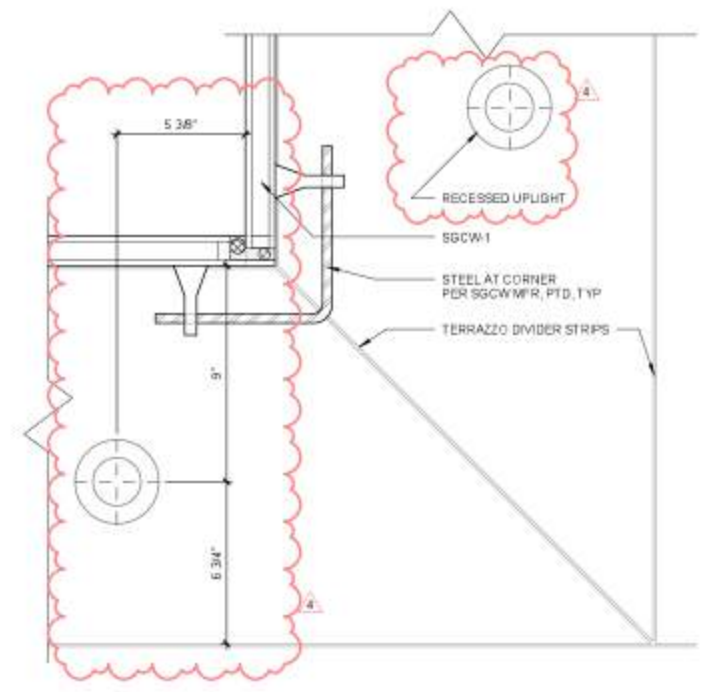
10 MECH DUCT PENETRATION JAMB

WA-13B 3" = 1'-0"

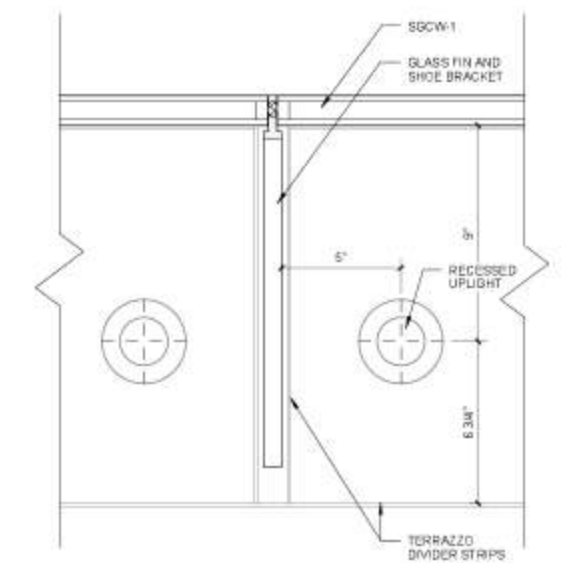
PLEASE BRING TO MEETING



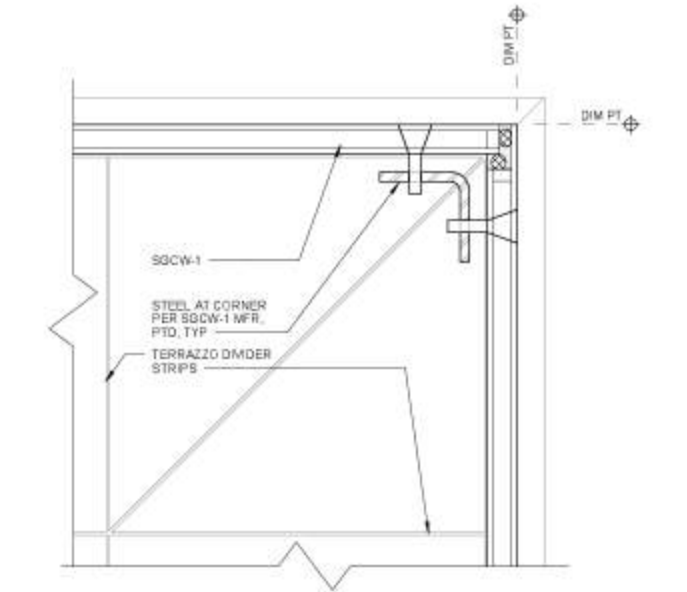
1 PARAPET AT SGCW-1
3\"/>



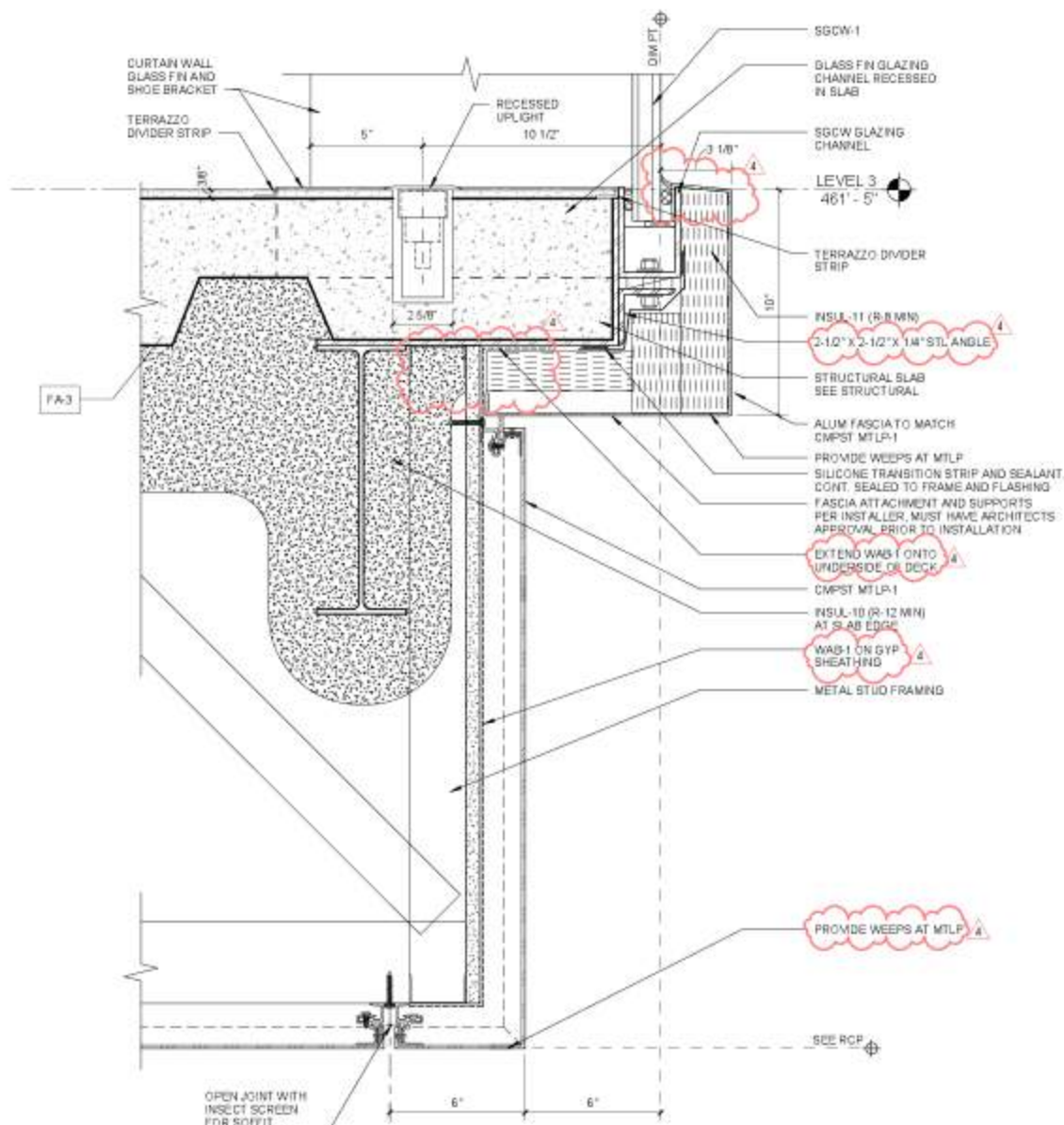
2 PLAN - SGCW-1 AT INSIDE CORNER
3\"/>



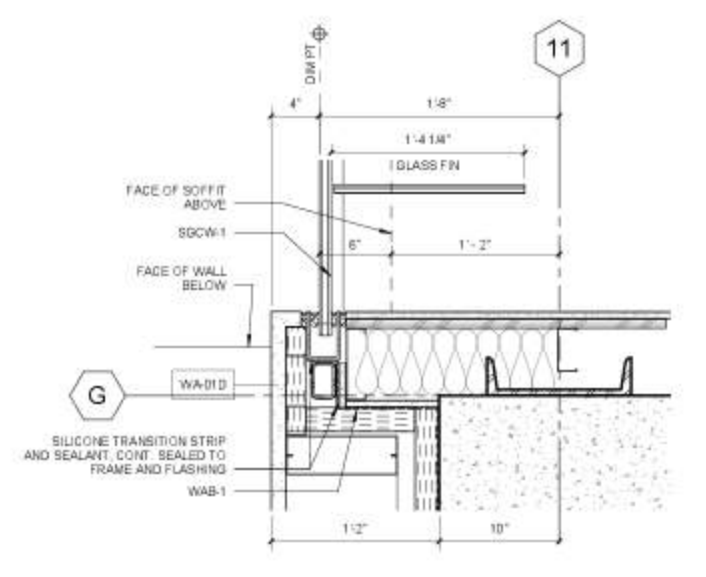
3 PLAN - SGCW-1 TYP MULLION/FIN
3\"/>



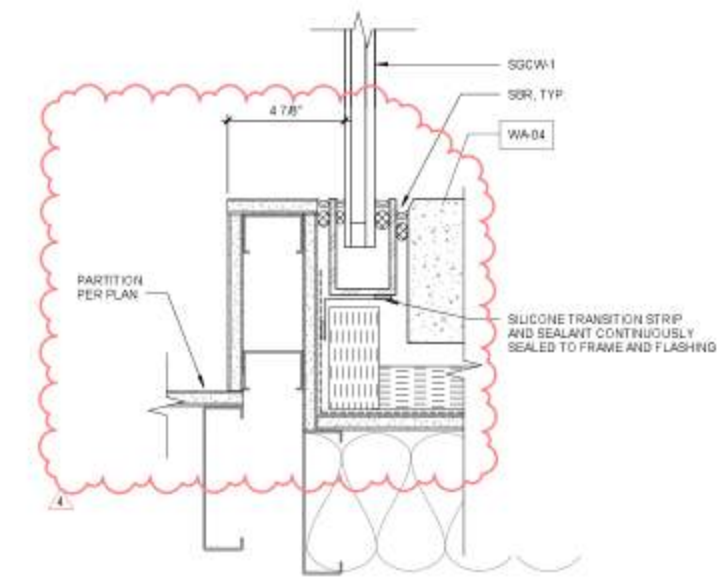
4 PLAN - SGCW-1 OUTSIDE CORNER
3\"/>



5 SOFFIT AT SGCW-1
3\"/>

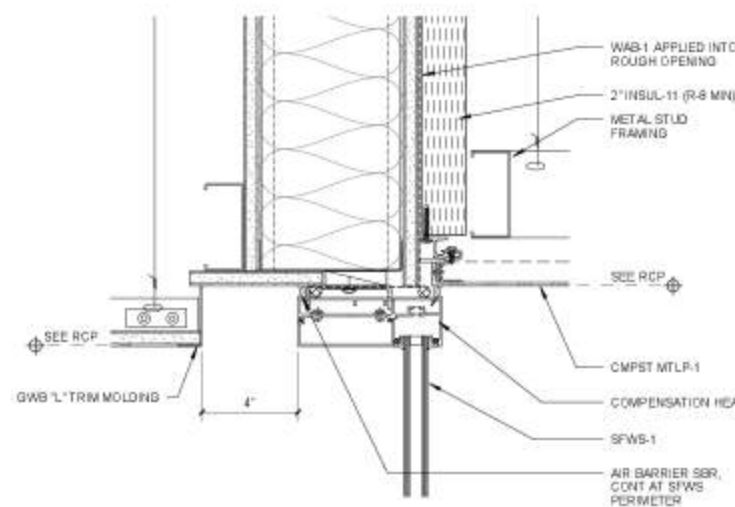


6 PLAN - SGCW-1 AT LBP
1 1/2\"/>

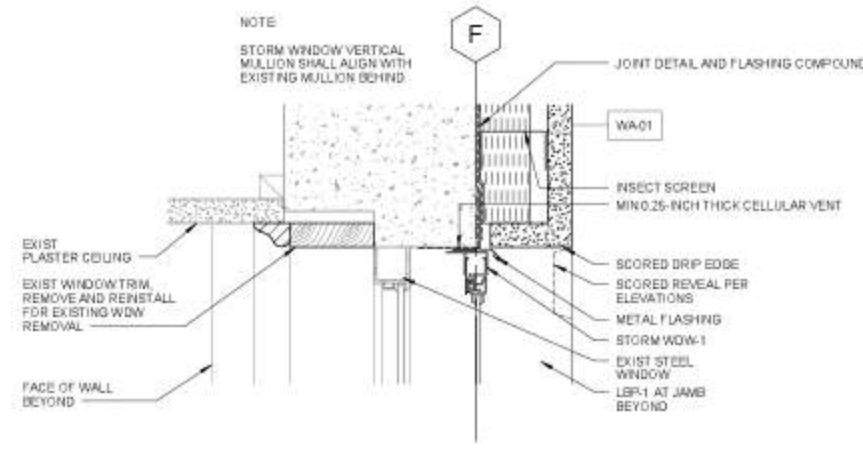


7 PLAN - SGCW-1 AT L/14
3\"/>

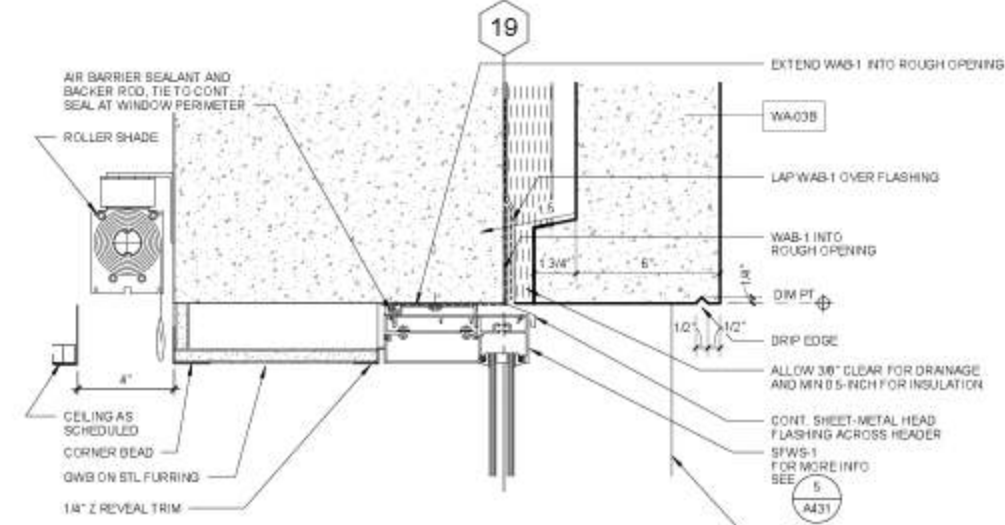
Please NOTIFY 10:42:35 AM



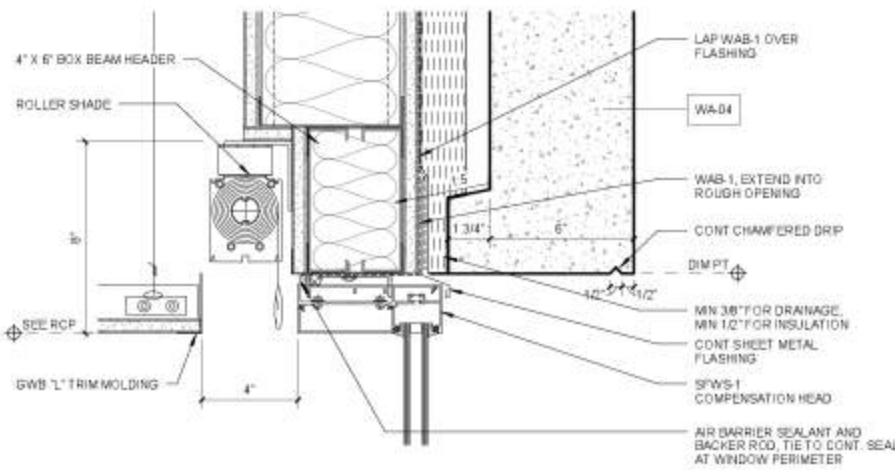
1 SFWS-1 AT PREFUNCTION 231A
A431 3" = 1'-0"



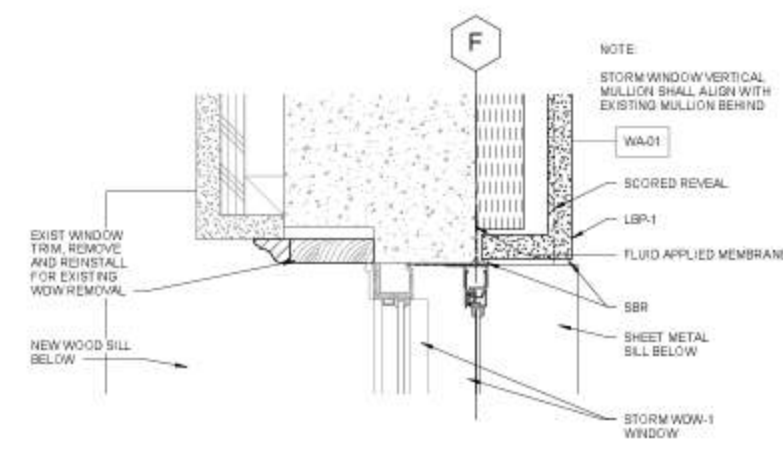
2 STORM WDW HEAD
A431 3" = 1'-0"



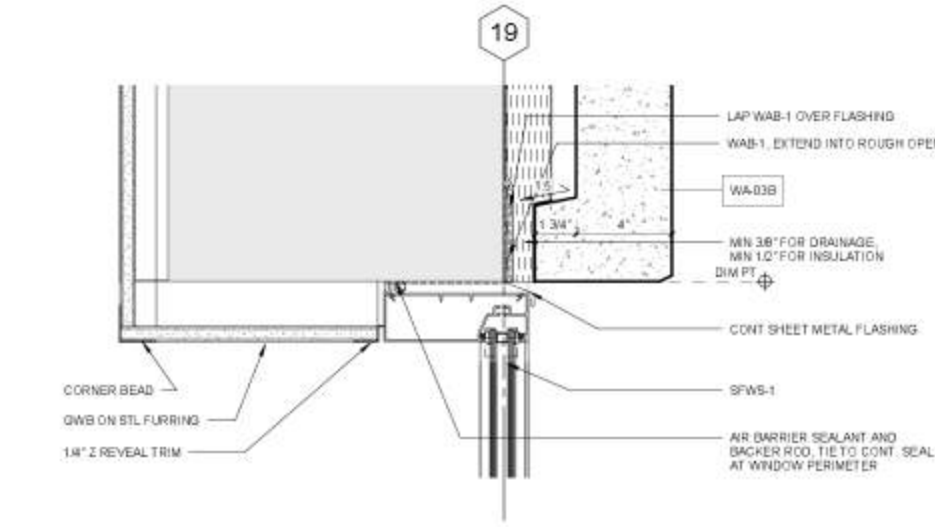
3 SFWS HEAD AT LEVEL 1 - CONC
A431 3" = 1'-0"



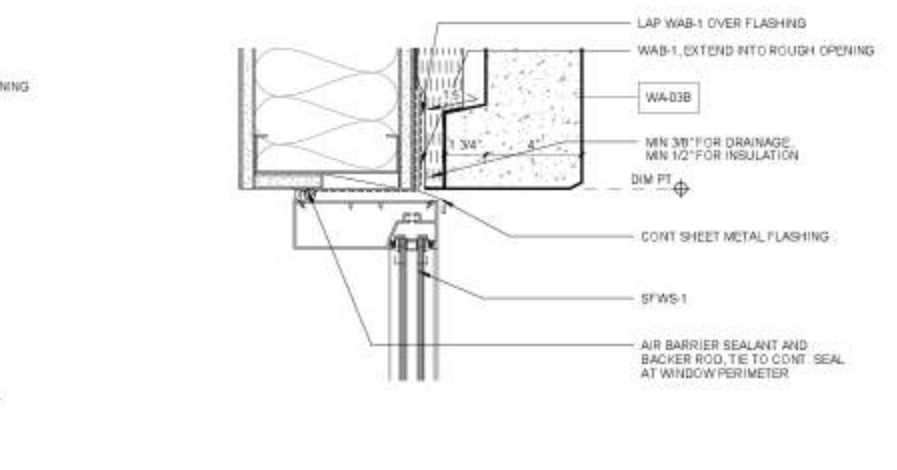
5 SFWS-1 HEAD AT EVENT 230
A431 3" = 1'-0"



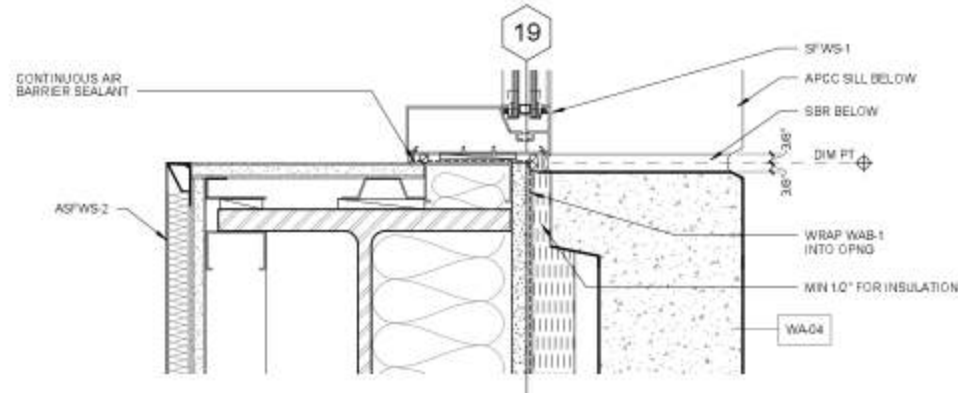
6 STORM WDW JAMB
A431 3" = 1'-0"



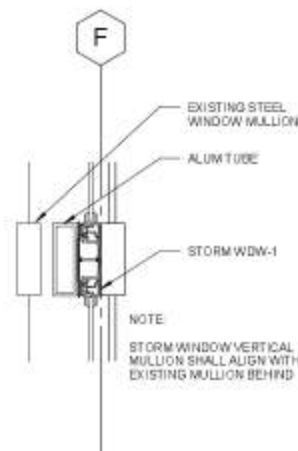
7 SFWS-1 JAMB AT LEVEL 1 - CONC
A431 3" = 1'-0"



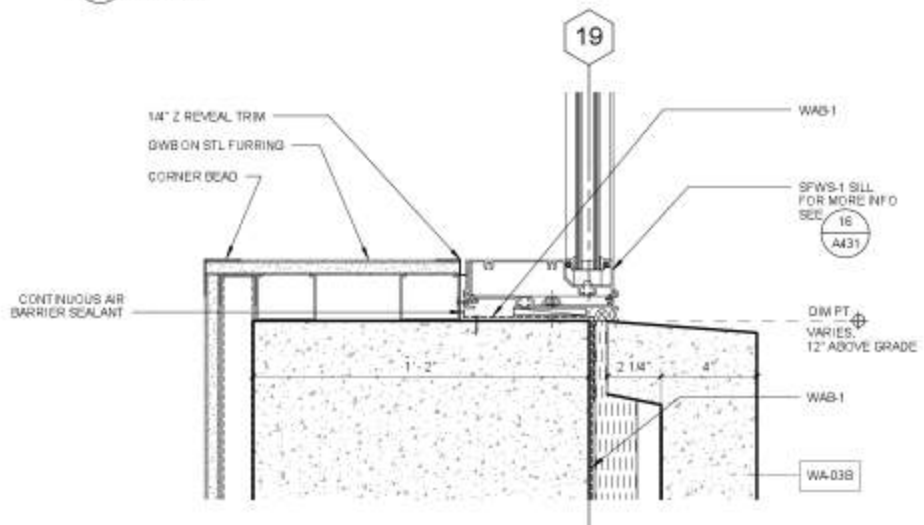
8 SFWS-1 JAMB2
A431 3" = 1'-0"



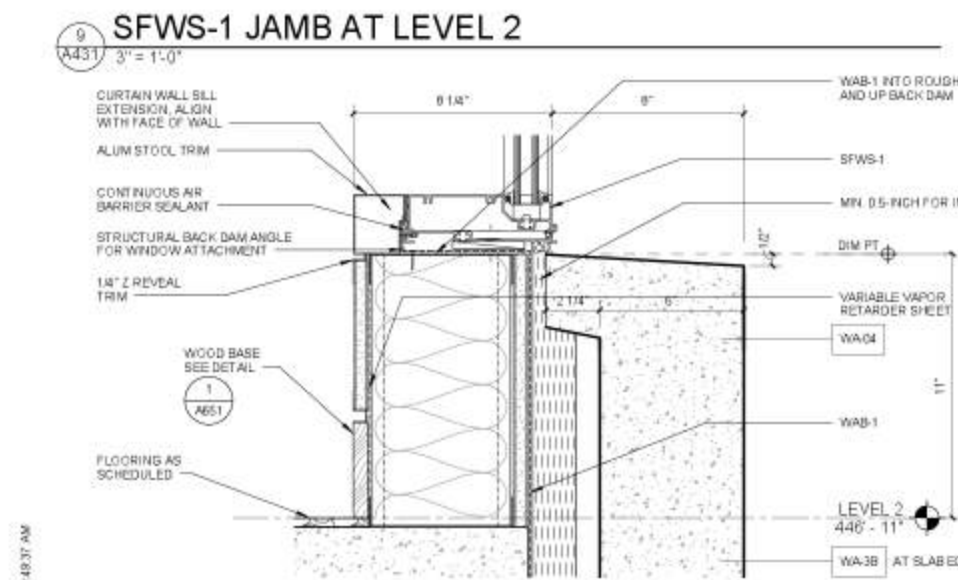
9 SFWS-1 JAMB AT LEVEL 2
A431 3" = 1'-0"



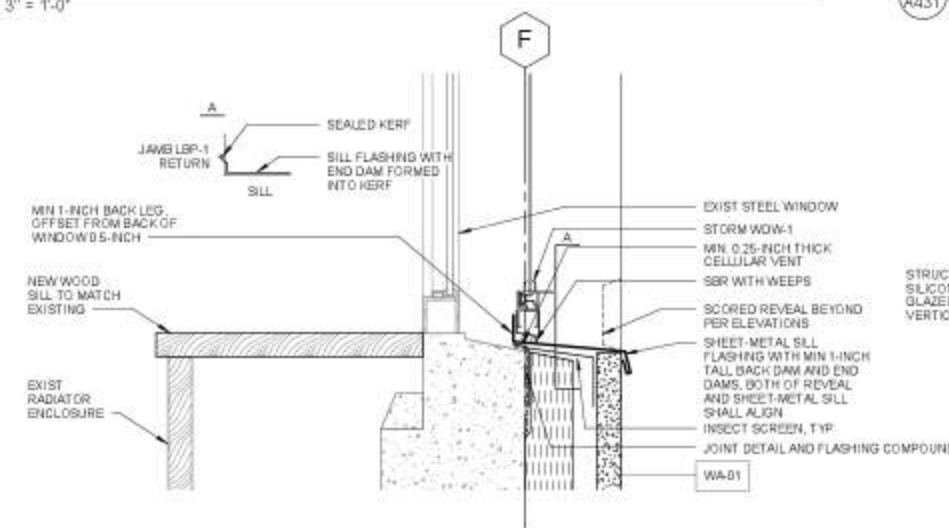
10 STORM WDW VERT MULLION
A431 3" = 1'-0"



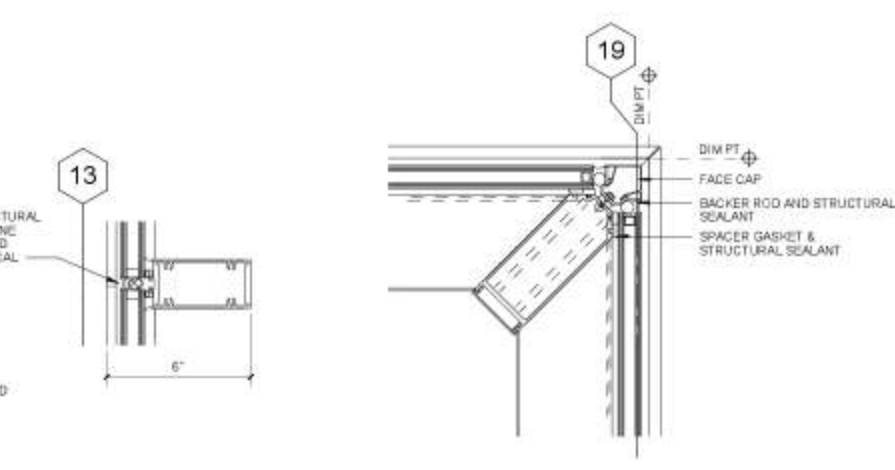
11 SFWS-1 SILL AT LEVEL 1 - CONC
A431 3" = 1'-0"



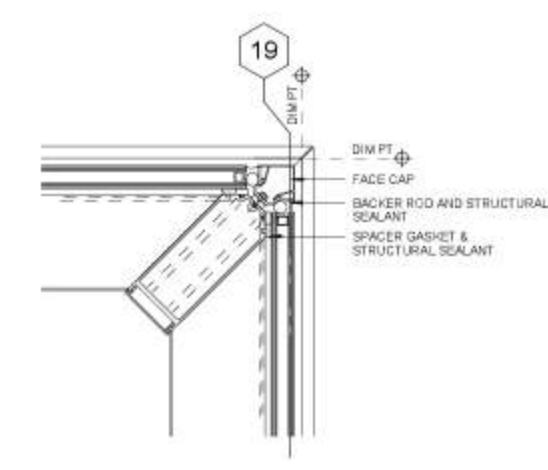
13 SFWS-1 SILL AT LEVEL 2
A431 3" = 1'-0"



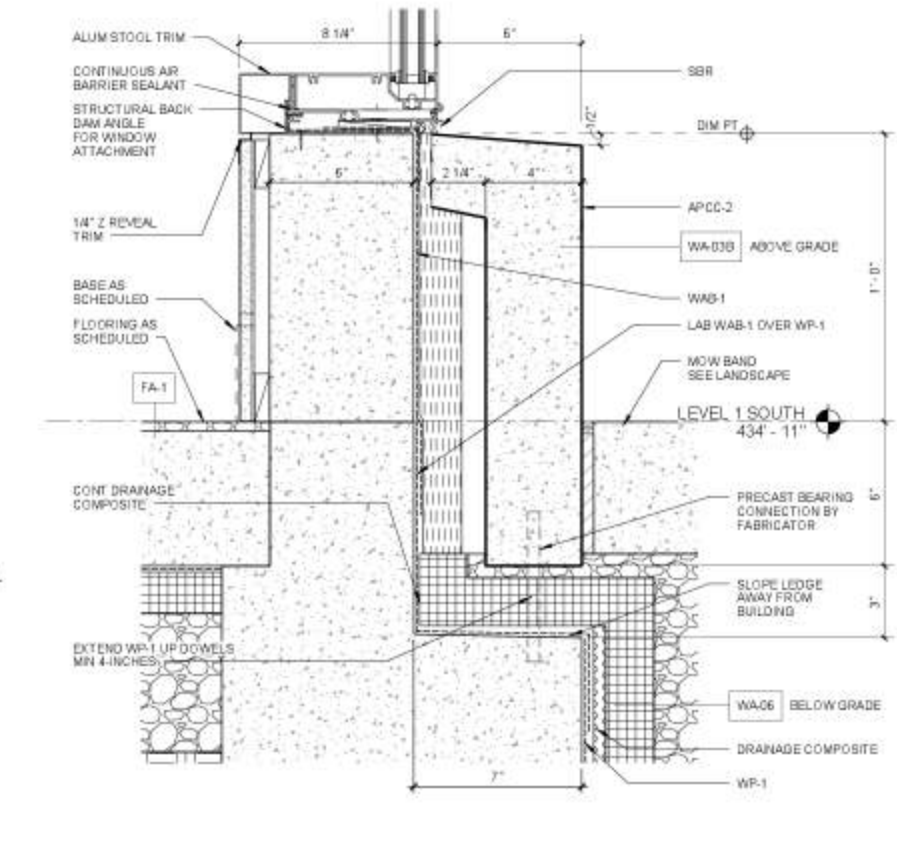
14 STORM WDW SILL
A431 3" = 1'-0"



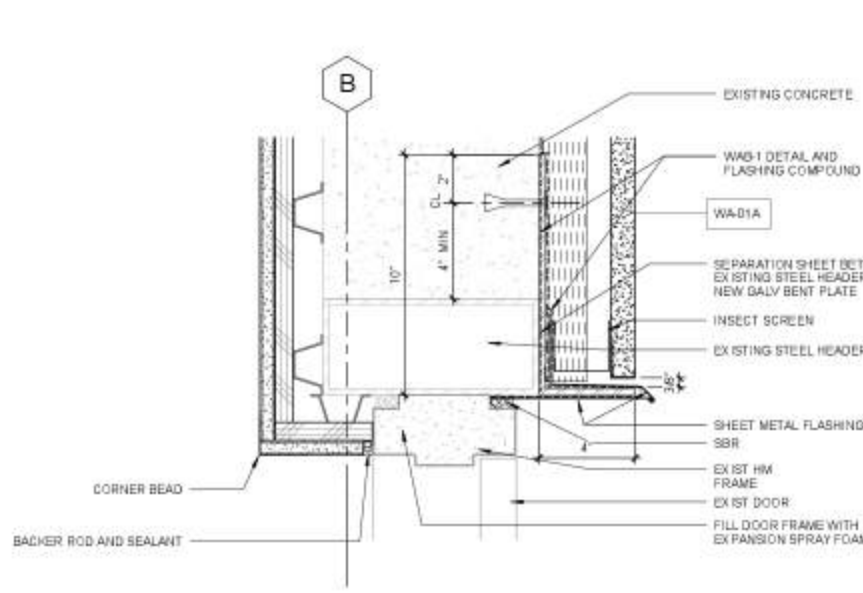
15A SFWS-1 TYP VERT MULLION
A431 3" = 1'-0"



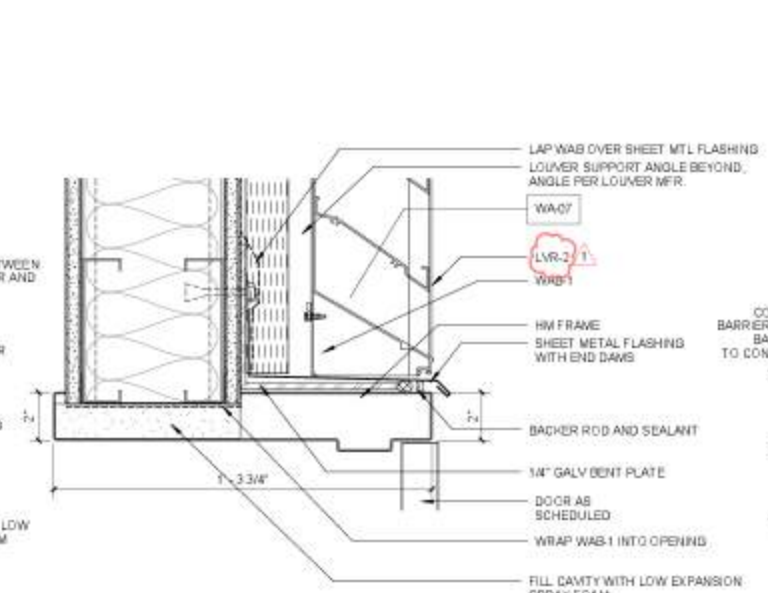
15B SFWS-1 CORNER
A431 3" = 1'-0"



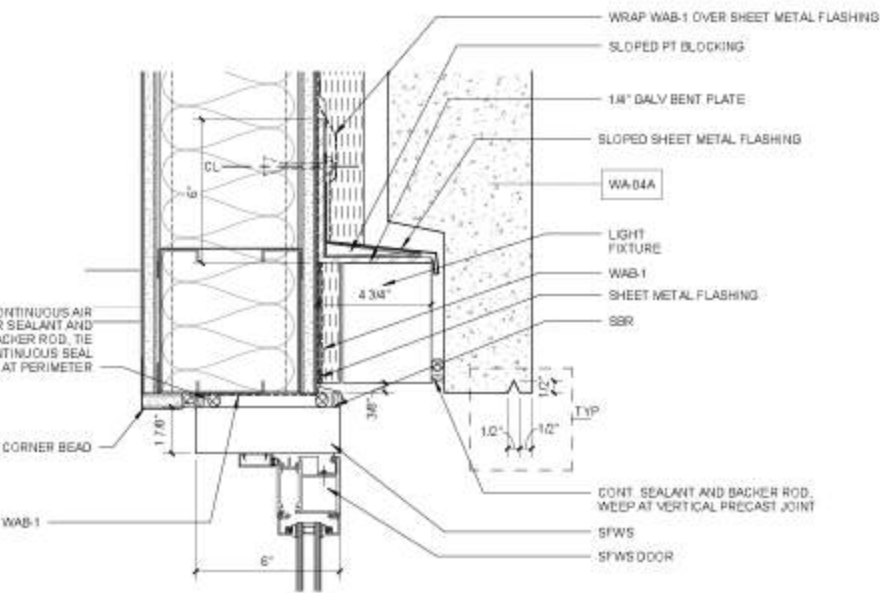
16 SFWS SILL AT LEVEL 1
A431 3" = 1'-0"



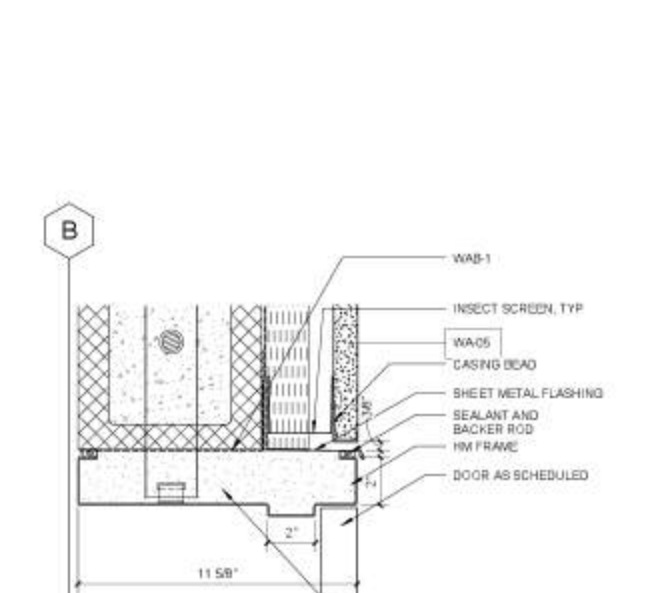
1 N7 DOOR HEAD @ WA-01A
A433 3" = 1'-0"



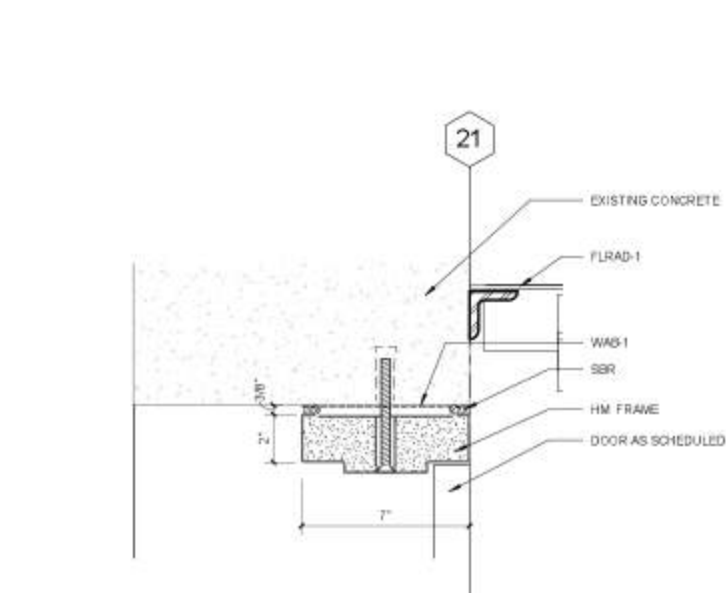
2 DOOR HEAD @ WA-07
A433 3" = 1'-0"



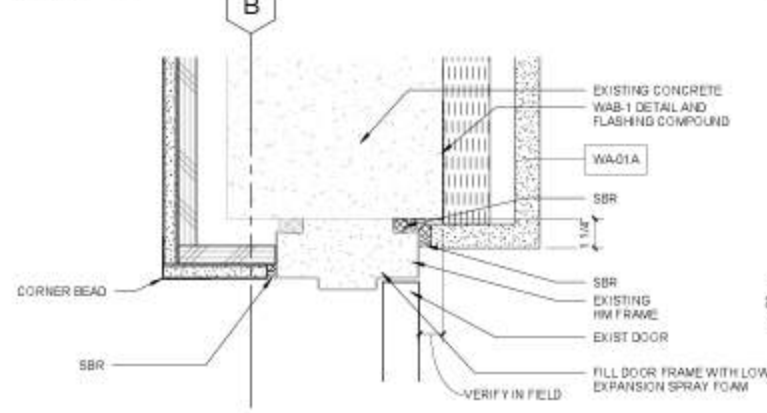
3 DOOR HEAD AT WA-04A
A433 3" = 1'-0"



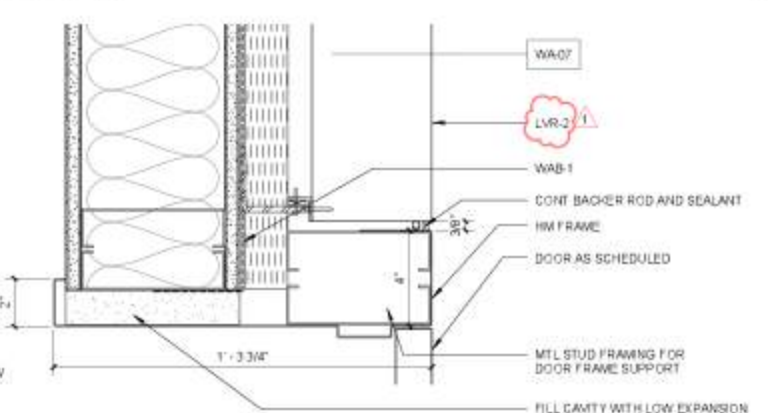
4 HM DOOR HEAD @ WA-05
A433 3" = 1'-0"



5 DOOR 119 HEAD/JAMB (SIM)
A433 3" = 1'-0"



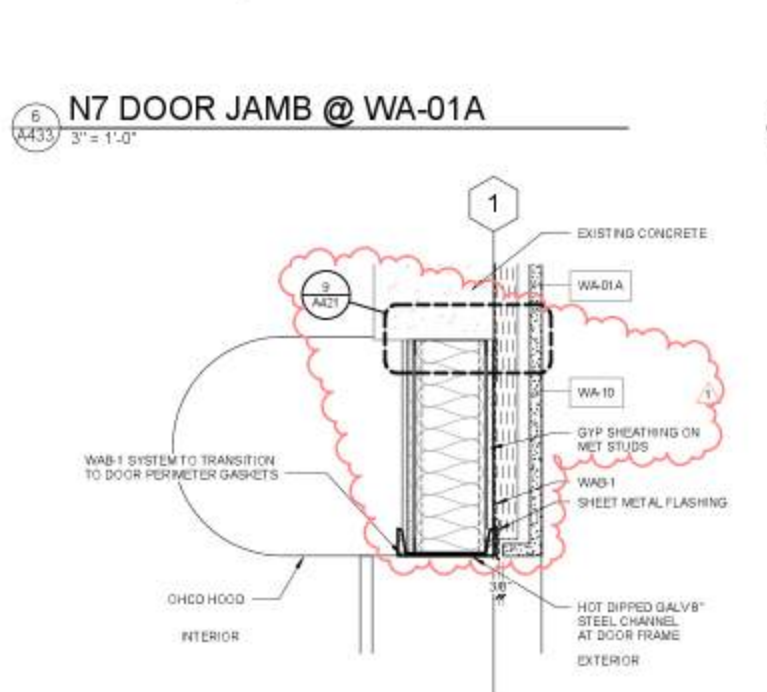
6 N7 DOOR JAMB @ WA-01A
A433 3" = 1'-0"



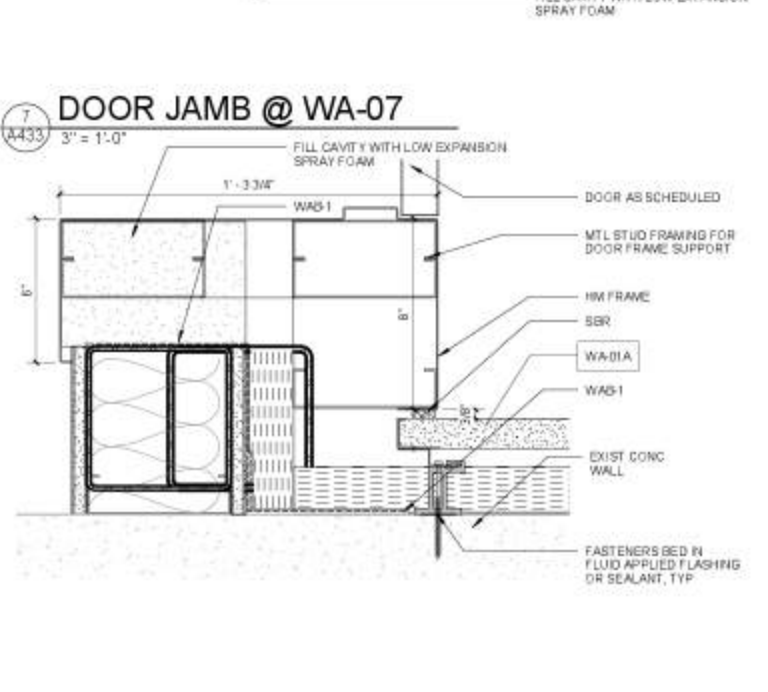
7 DOOR JAMB @ WA-07
A433 3" = 1'-0"



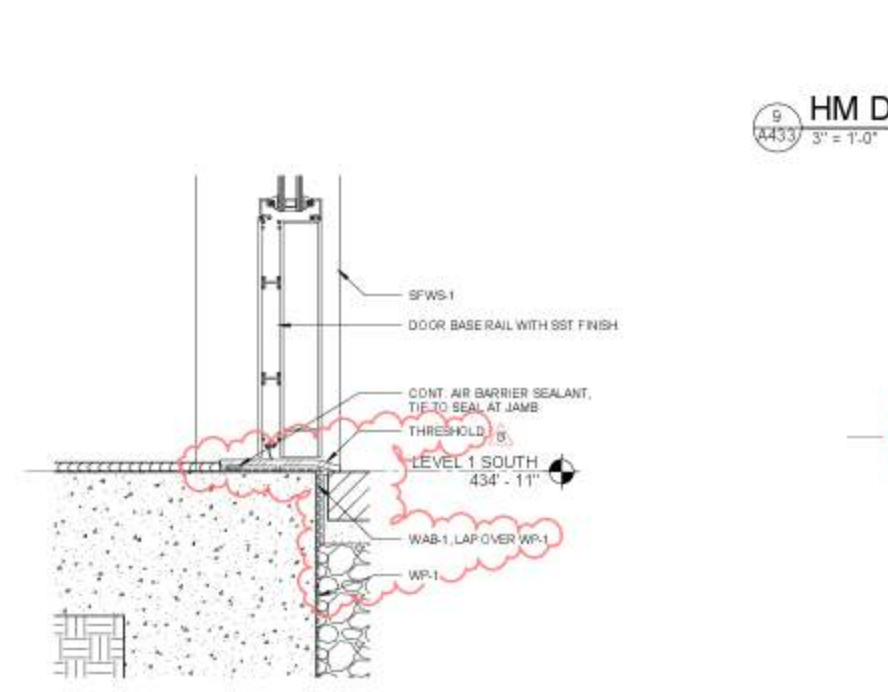
8 HM DOOR JAMB @ WA-05
A433 3" = 1'-0"



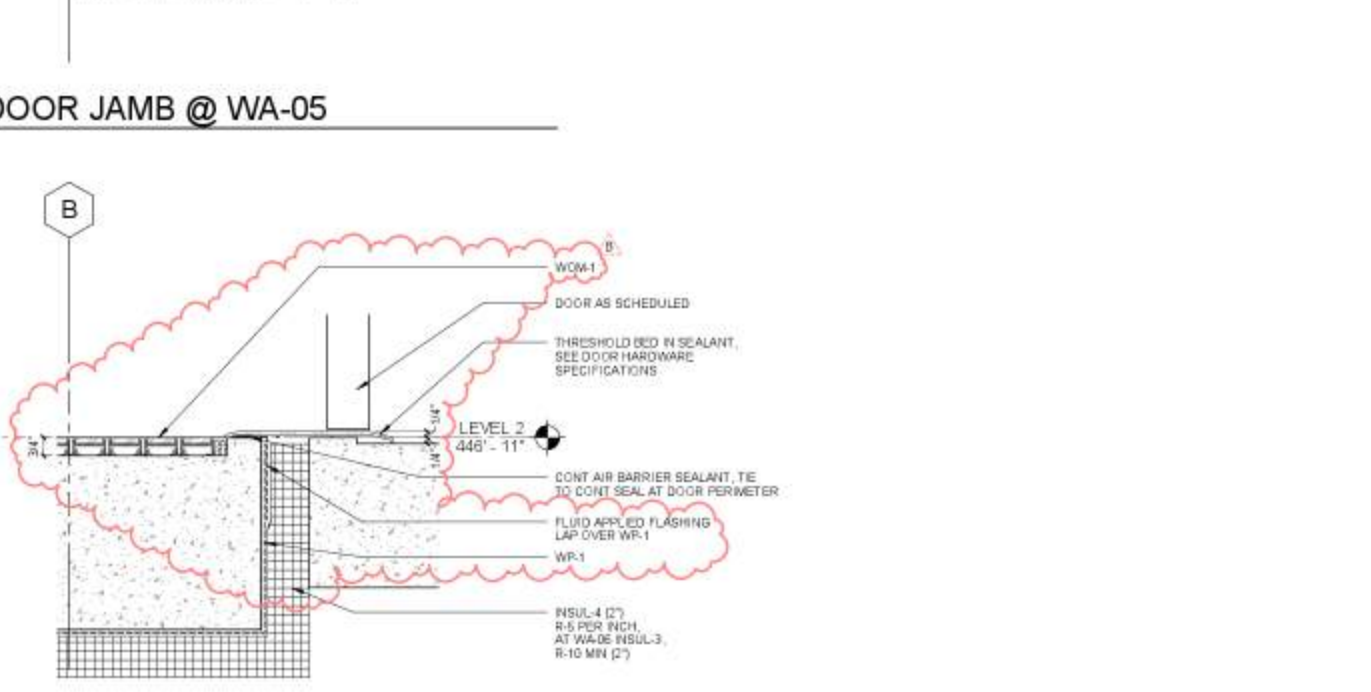
9 OHCD-1 HEAD
A433 1 1/2" = 1'-0"



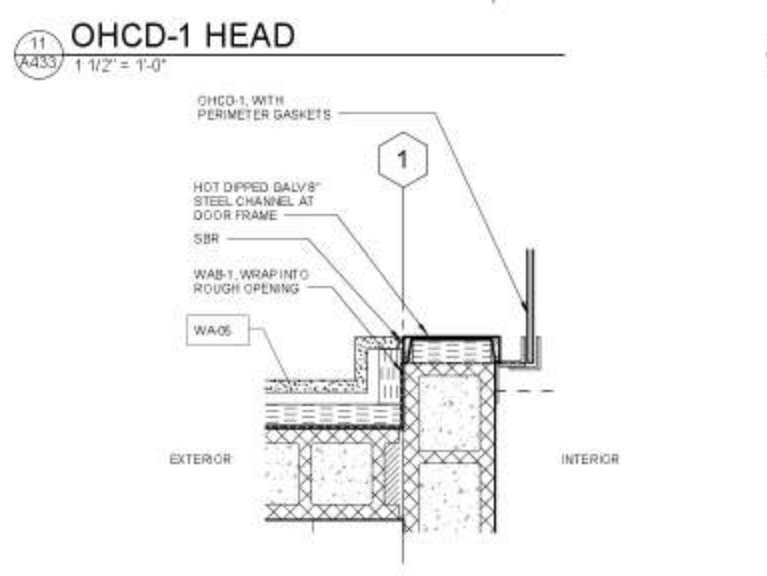
10 DOOR JAMB @ WA-07 AND WA-01A
A433 3" = 1'-0"



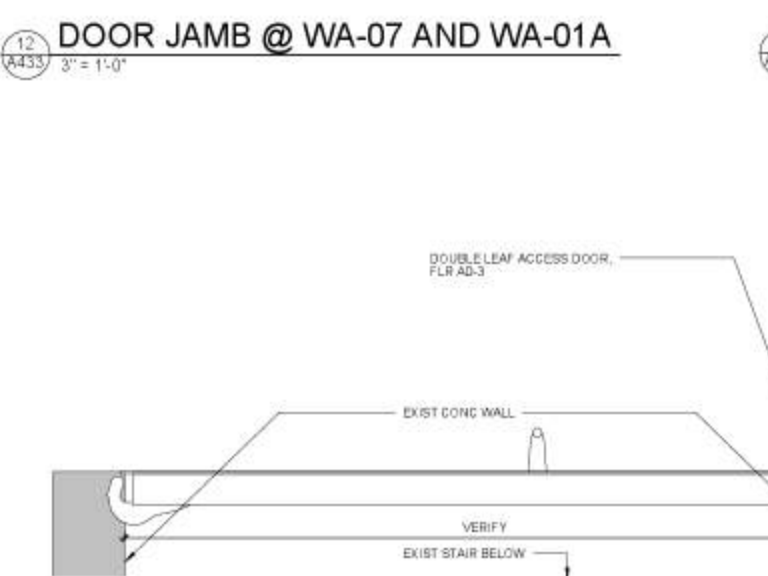
11 STOREFRONT DOOR THRESHOLD
A433 3" = 1'-0"



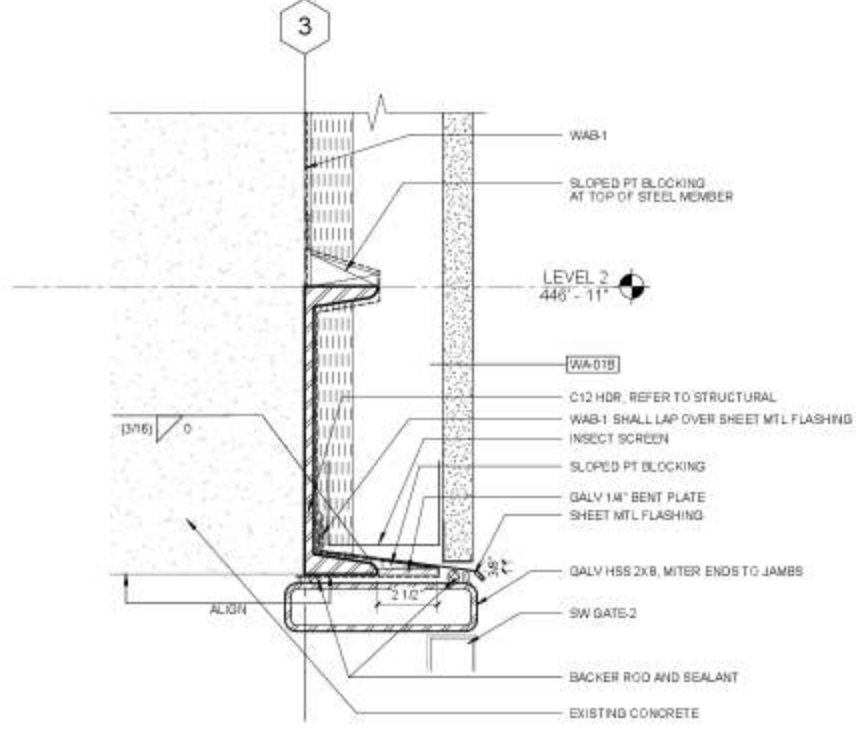
12 HM DOOR THRESHOLD @ WA-05
A433 3" = 1'-0"



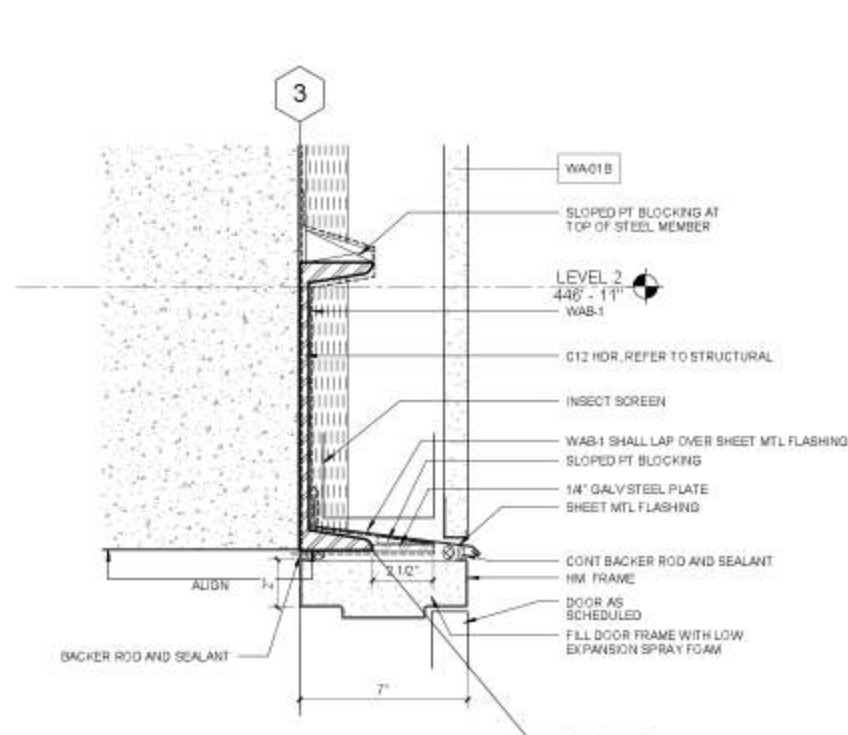
13 OHCD-1 JAMB
A433 1 1/2" = 1'-0"



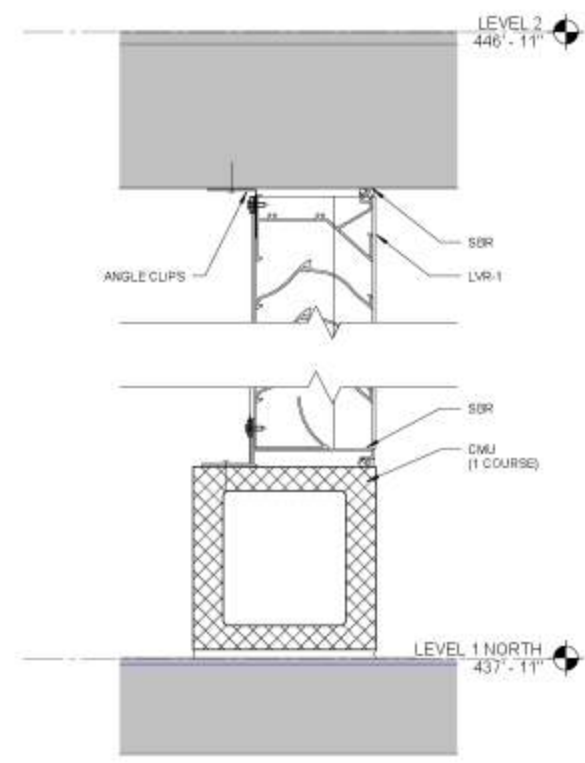
14 FLR AD-3 EXTERIOR ACCESS DOOR
A433 1 1/2" = 1'-0"



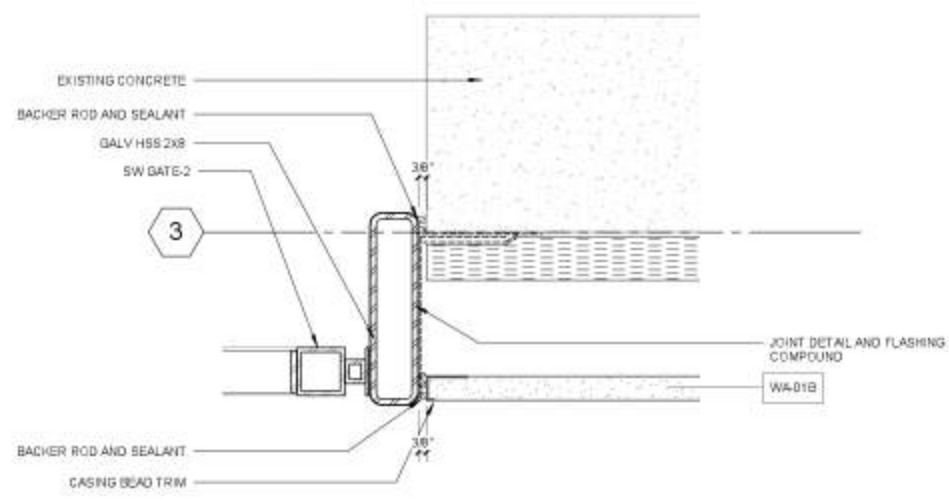
1 DOOR HEAD AT GENERATOR RM
A434 3" = 1'-0"



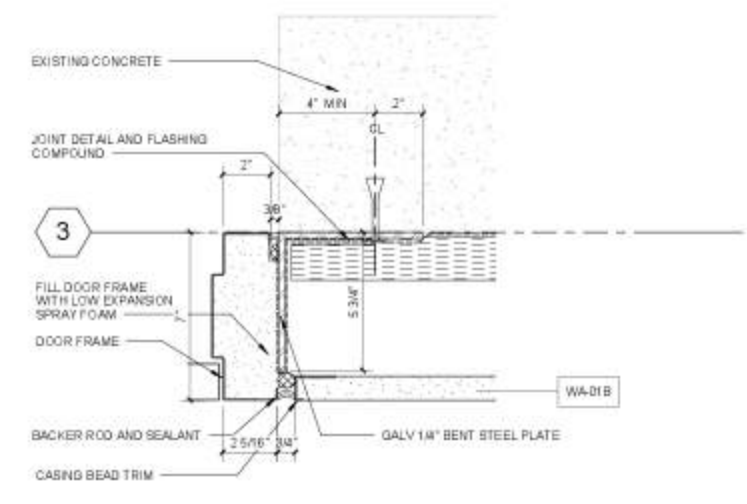
2 DOOR HEAD AT TRANSFORMER RM
A434 3" = 1'-0"



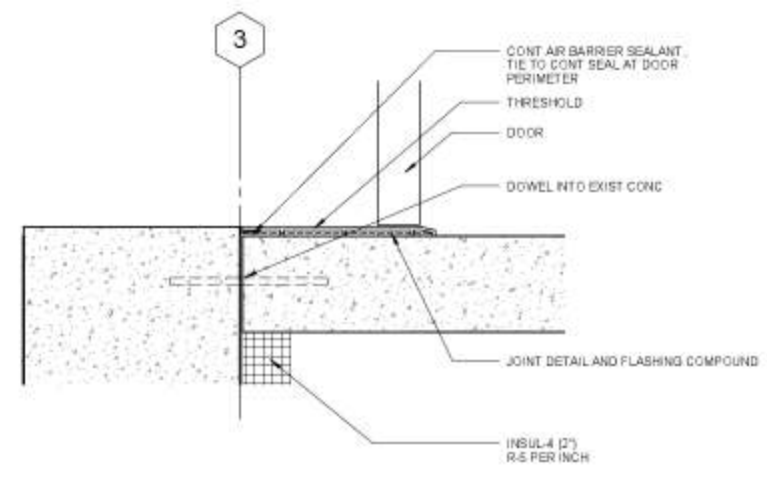
7 LVR-1 SECTION @ GENERATOR RM
A434 3" = 1'-0"



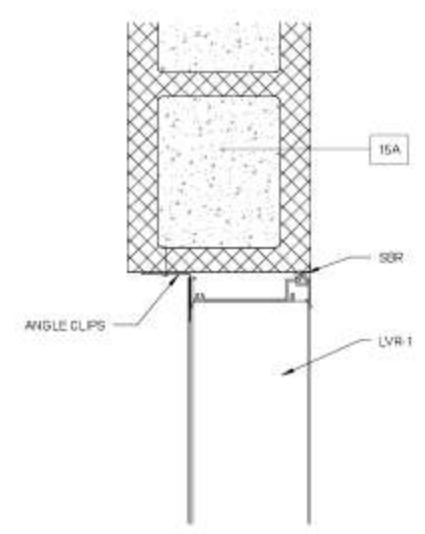
5 DOOR JAMB AT GENERATOR RM
A434 3" = 1'-0"



6 DOOR JAMB AT TRANSFORMER RM
A434 3" = 1'-0"

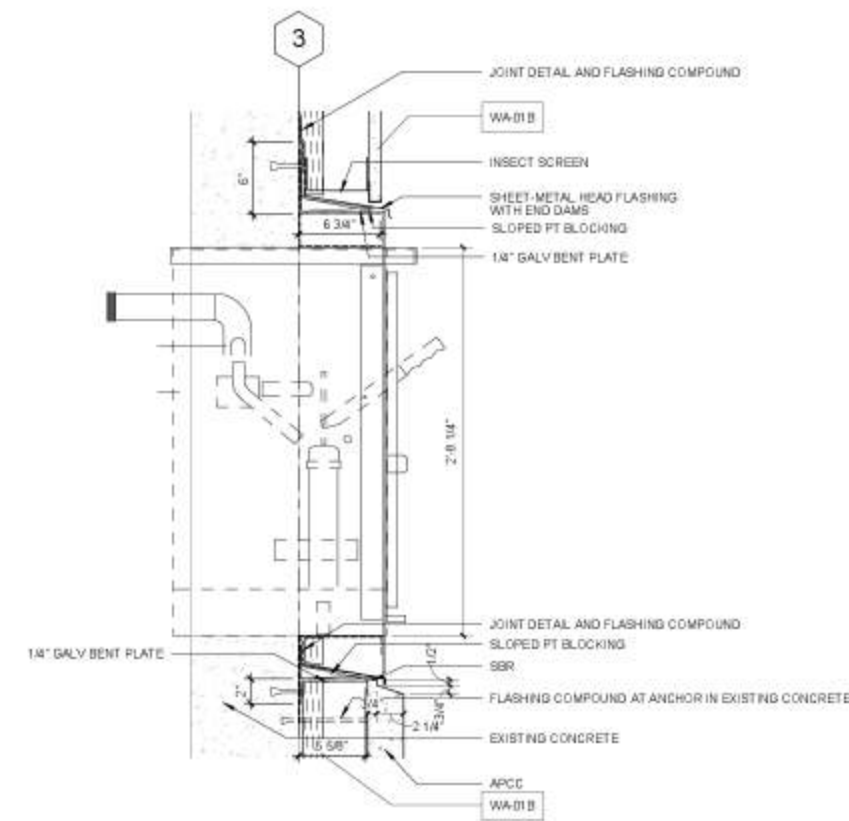


10 DOOR THRESHOLD AT TRANSFORMER RM
A434 3" = 1'-0"

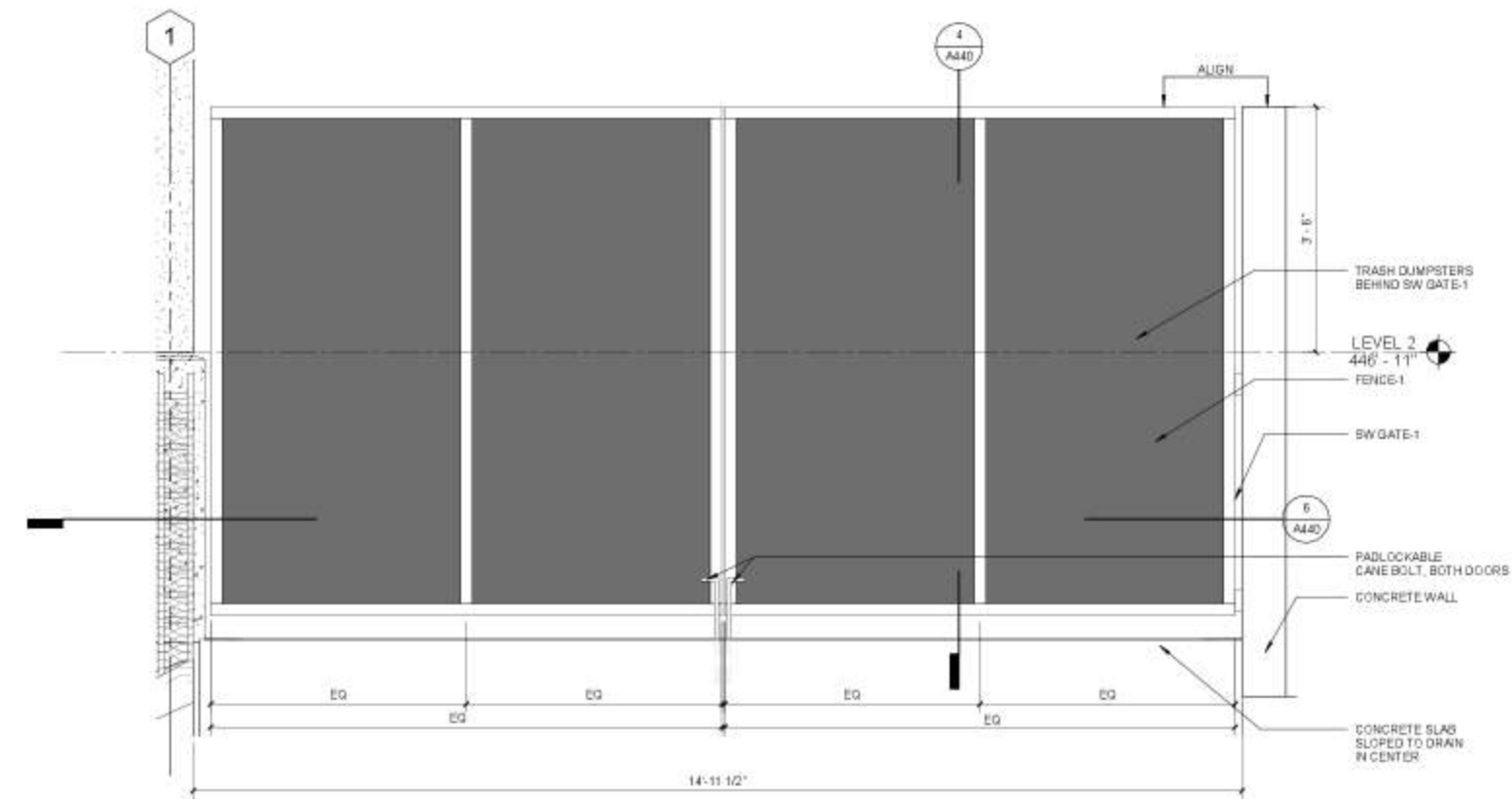


11 LVR-1 JAMB @ GENERATOR RM
A434 3" = 1'-0"

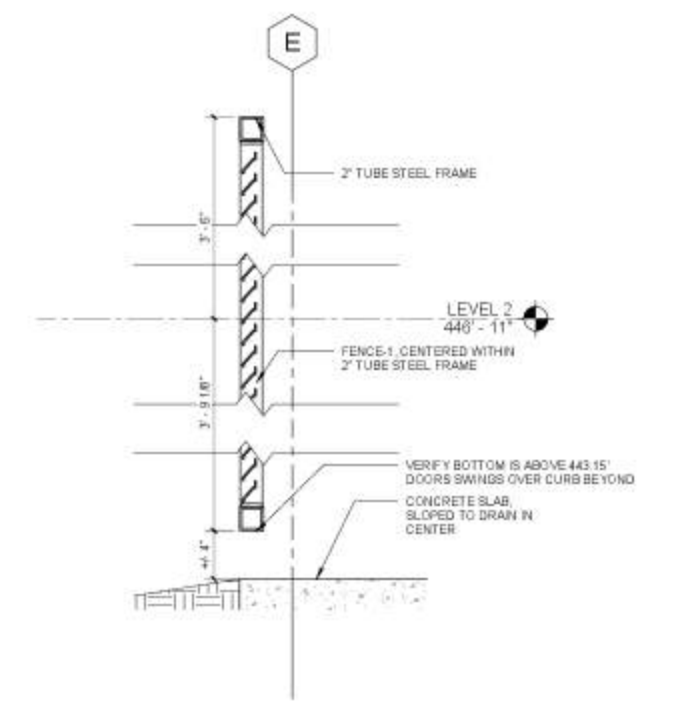
Please NOTIFY 10:00:00 AM



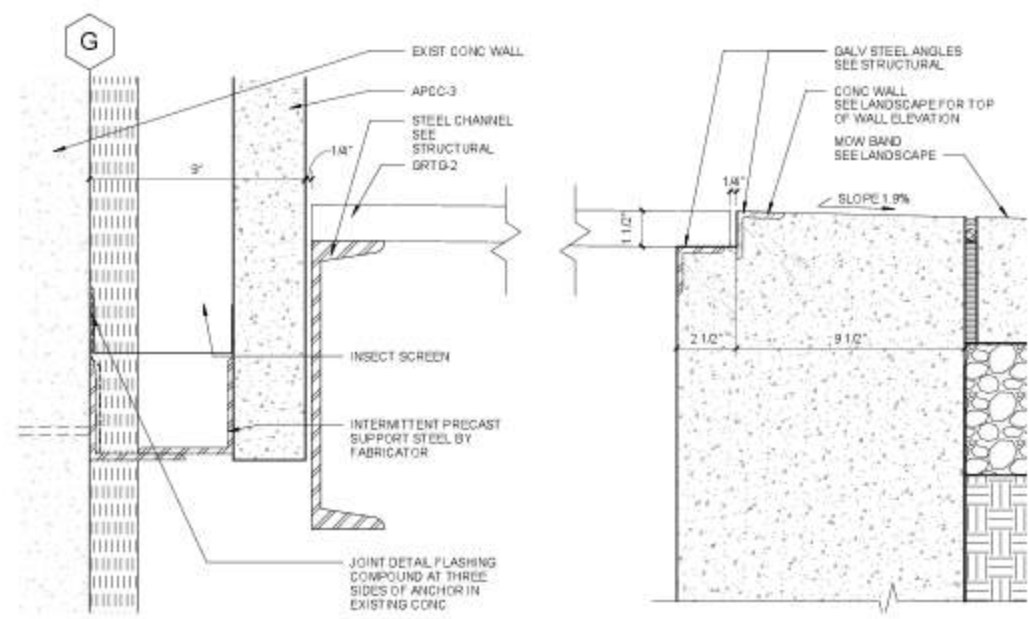
1 FUEL FILL STATION HEAD AND SILL
A440 1 1/2" = 1'-0"



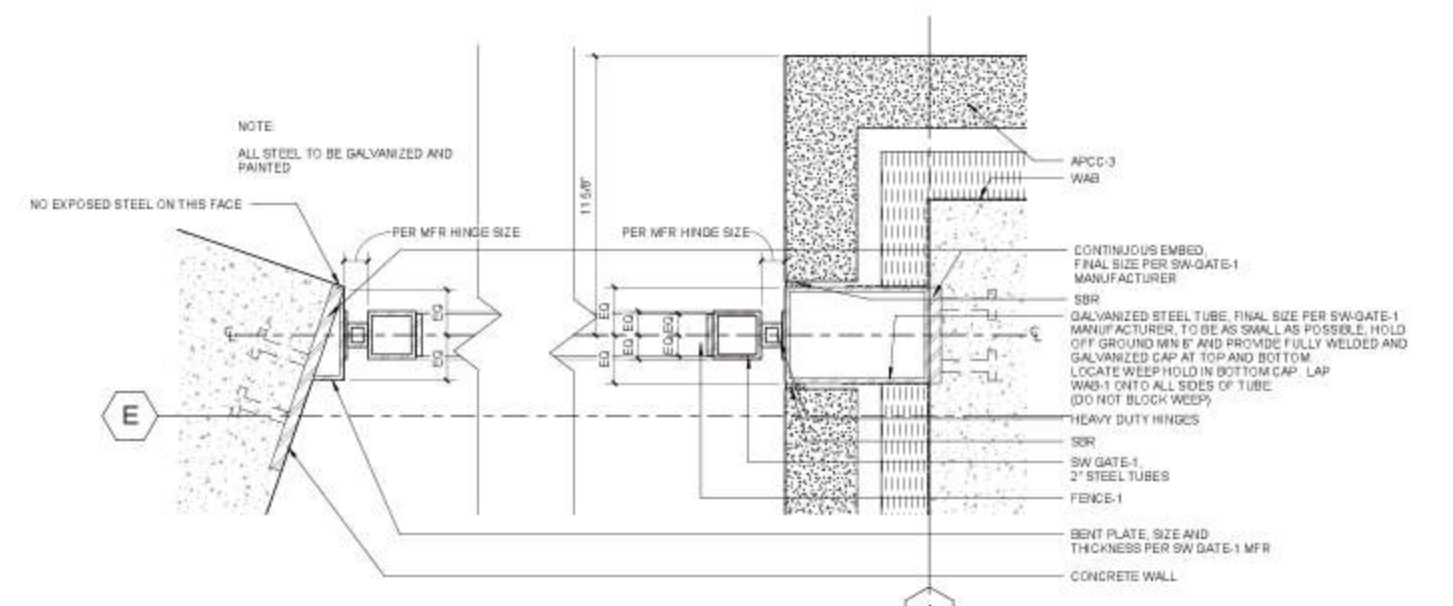
2 TRASH ENCLOSURE - SW GATE-1 ELEVATION
A440 3/4" = 1'-0"



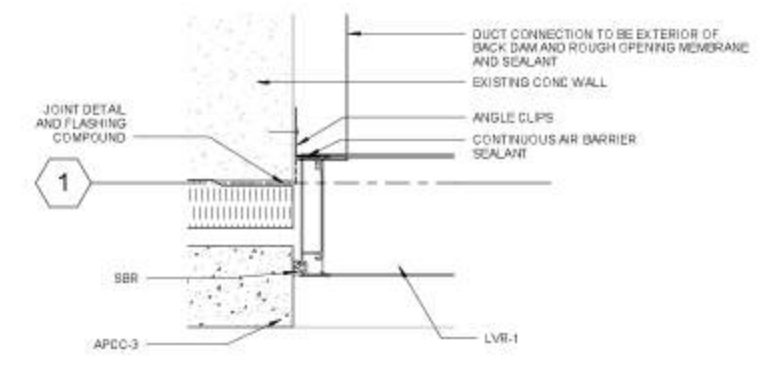
4 TRASH ENCLOSURE SECTION
A440 1 1/2" = 1'-0"



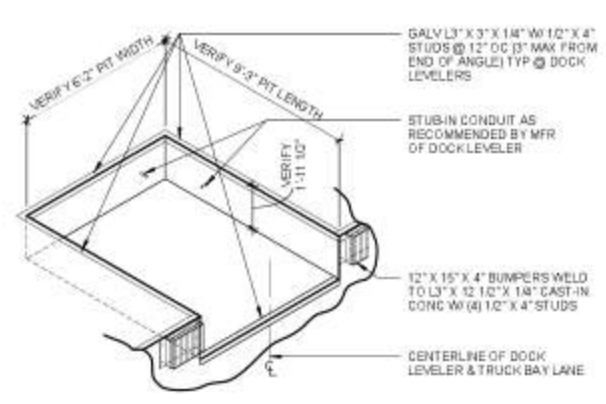
5 CENTRAL AREAWAY GRATE
A440 3" = 1'-0"



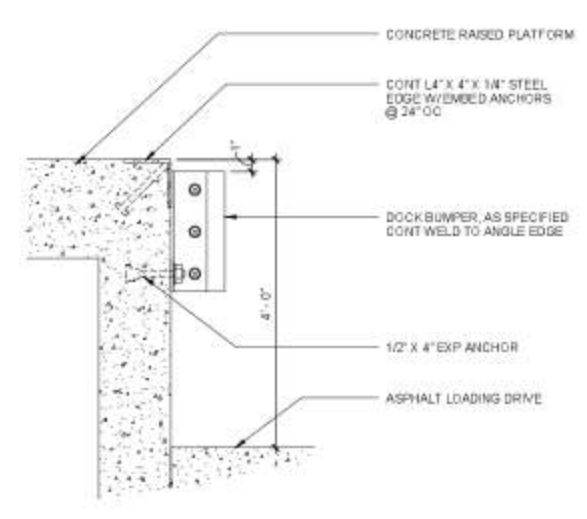
6 TRASH ENCLOSURE JAMB
A440 3" = 1'-0"



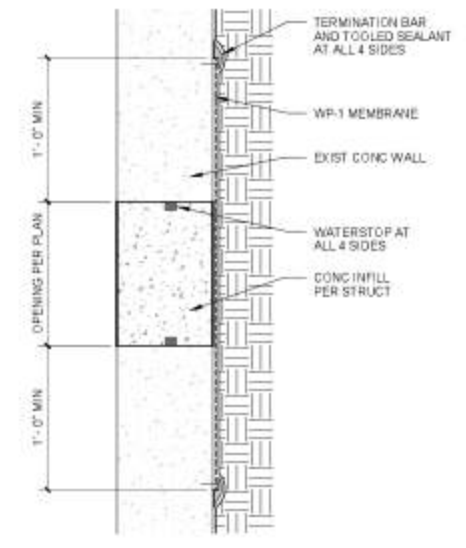
3 LOUVER - JAMB @ TRASH
A440 3" = 1'-0"



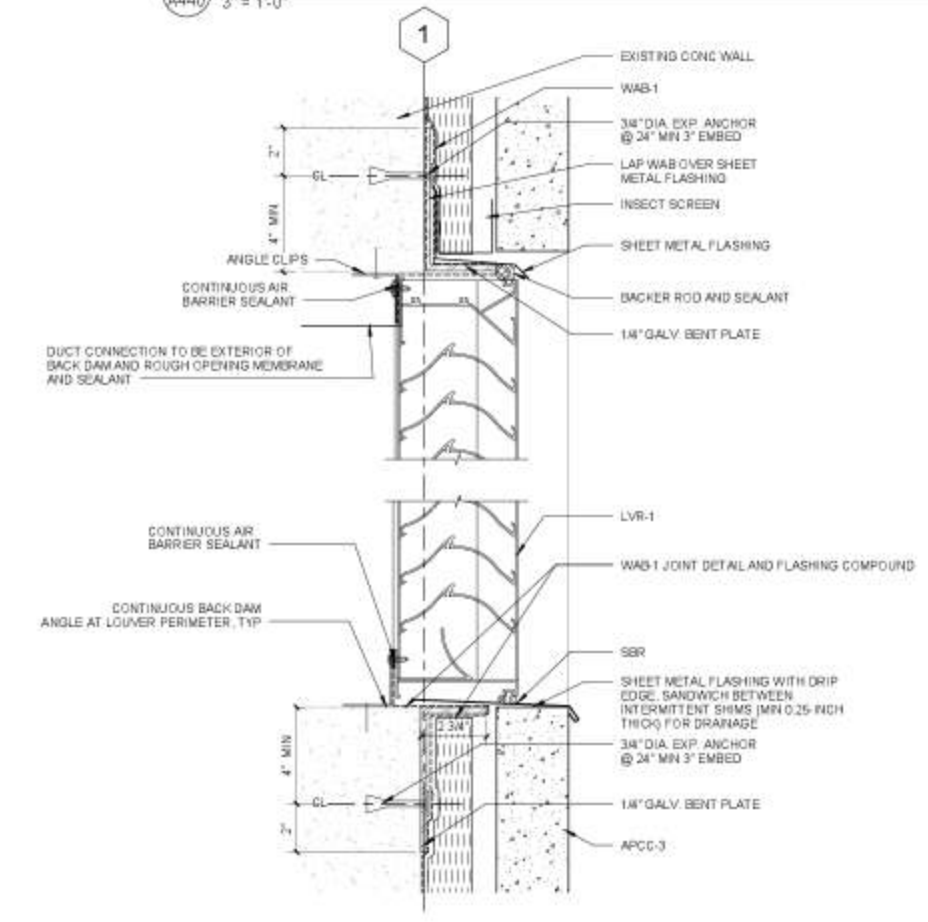
8 DOCK LEVELER RECESS
A440 1/4" = 1'-0"



9 DOCK BUMPER
A440 1 1/2" = 1'-0"

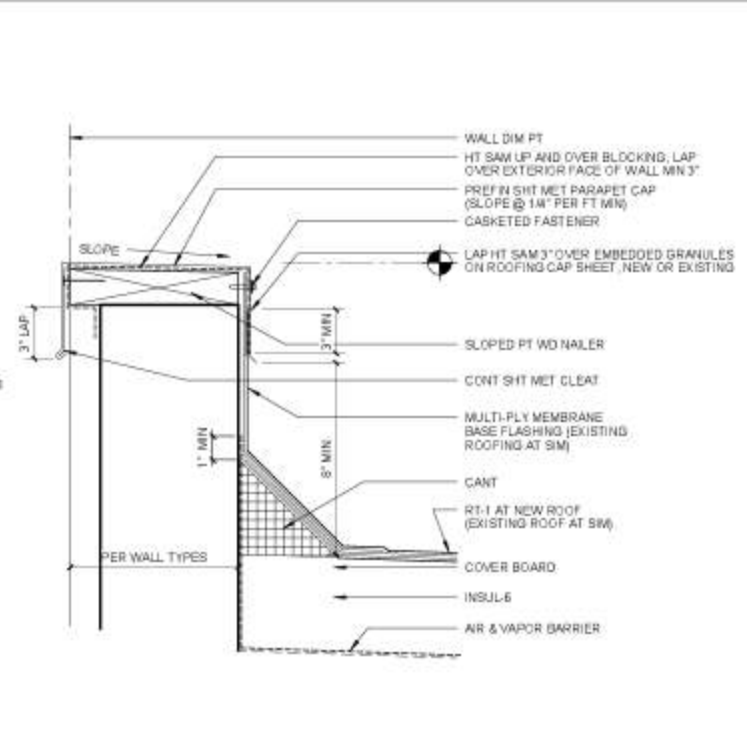
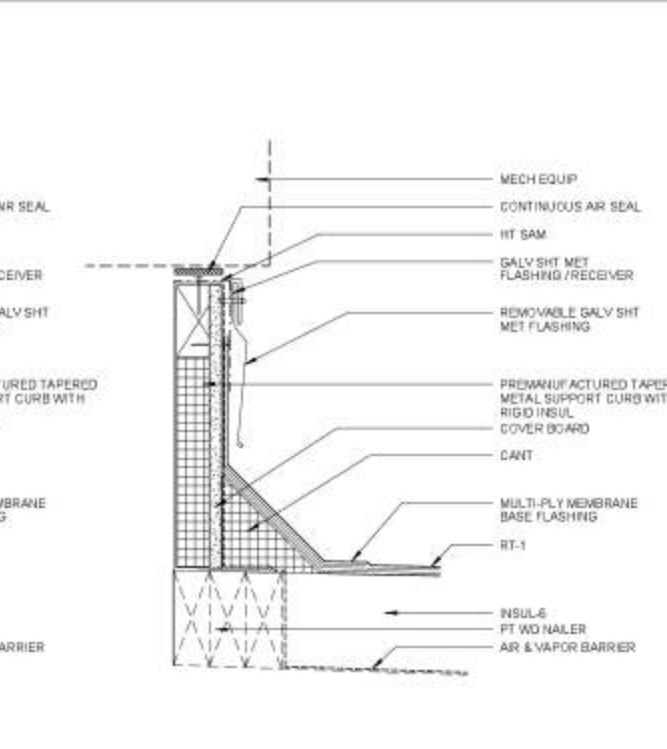
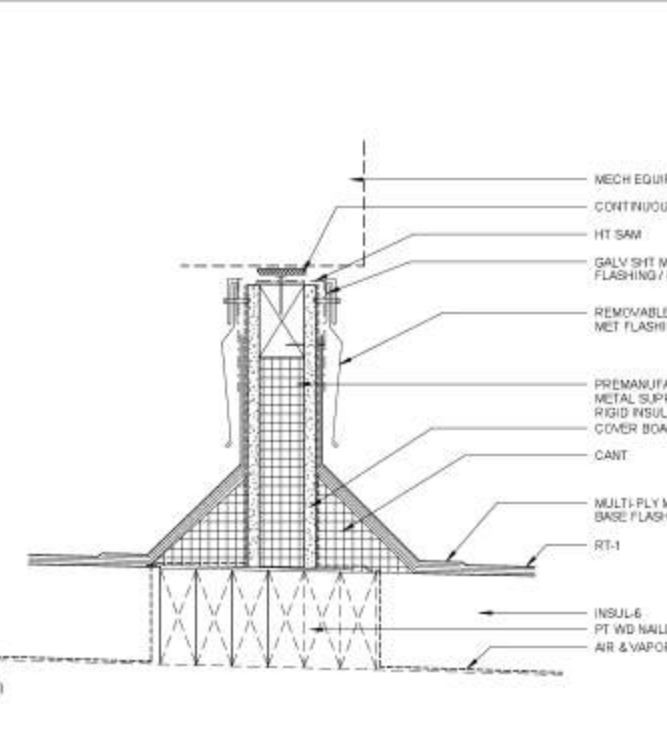
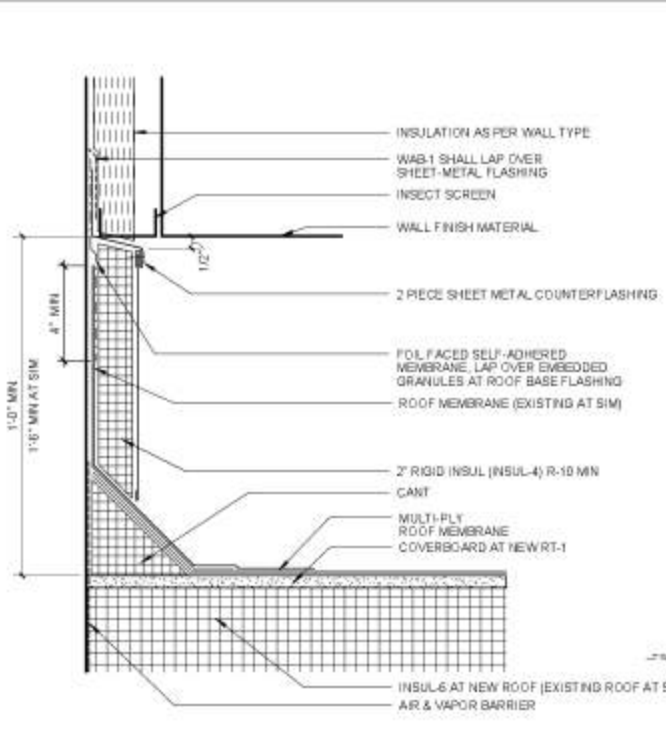
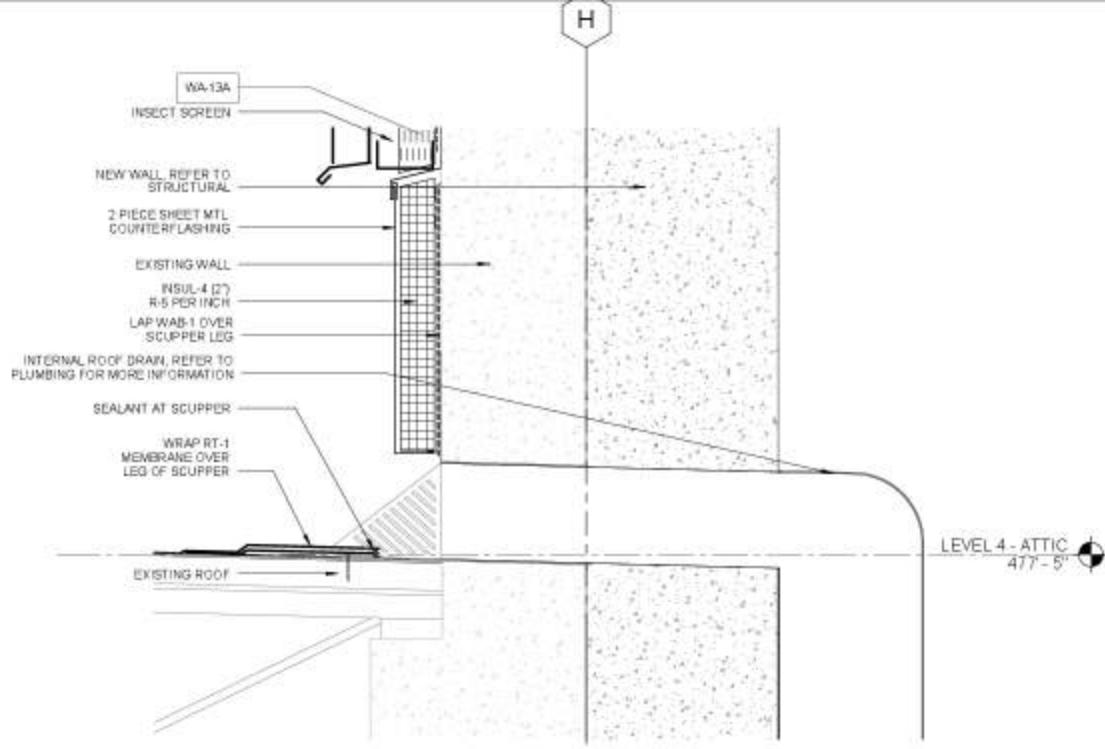


10 WP AT INFILL CONC WALL BELOW GRADE
A440 1 1/2" = 1'-0"



11 LOUVER - HEAD AND SILL @ TRASH
A440 3" = 1'-0"

PAPER STUDY TO BE DRAWN



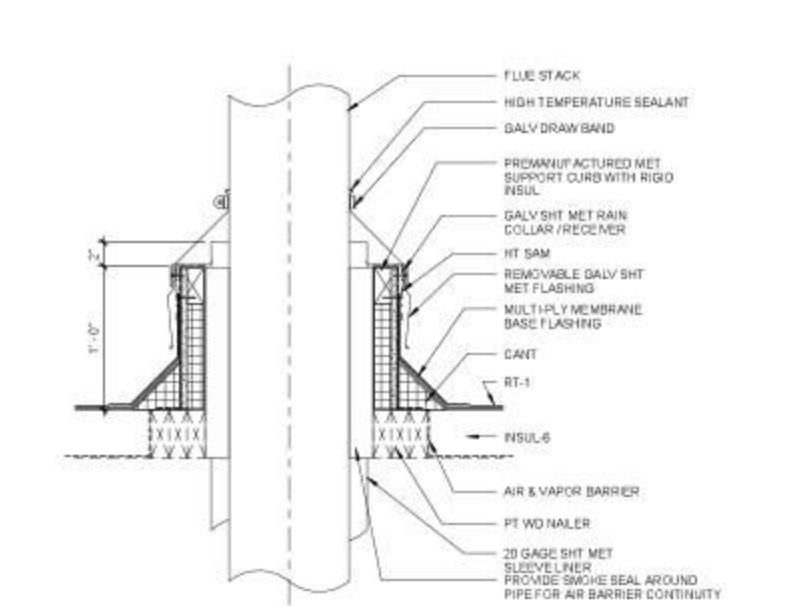
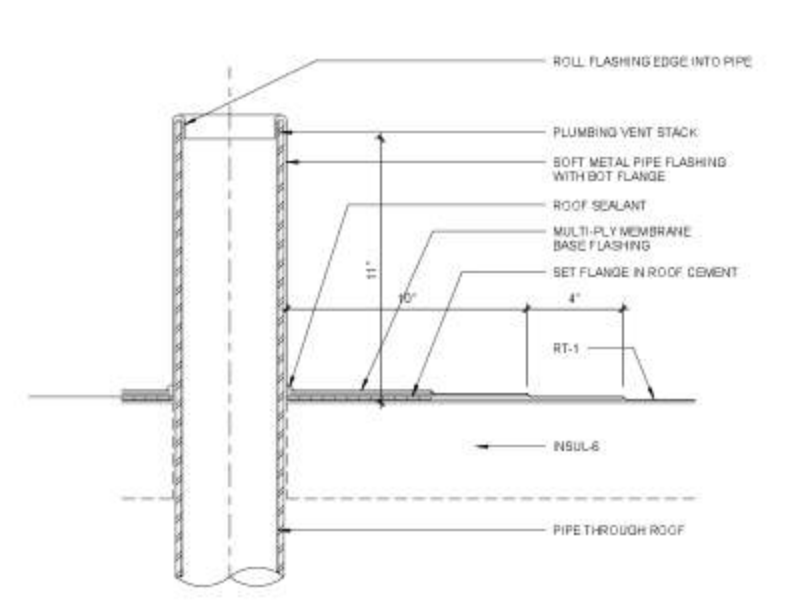
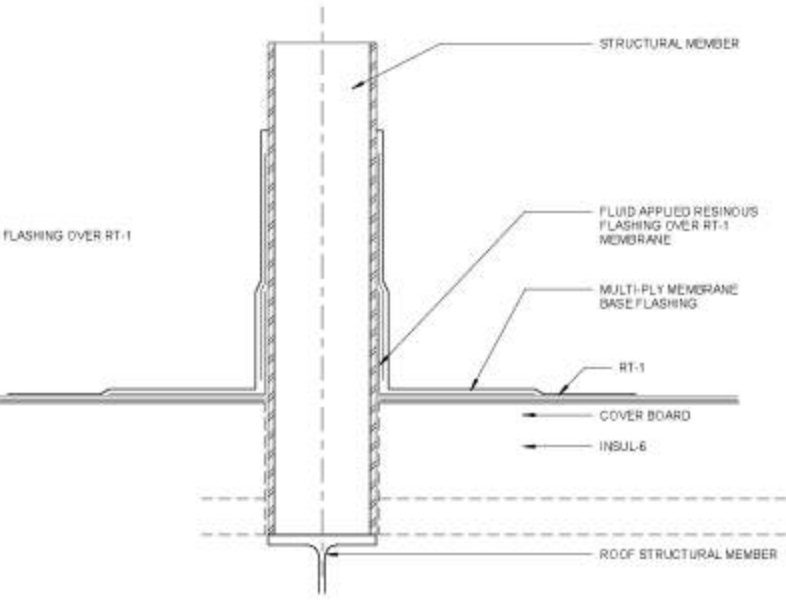
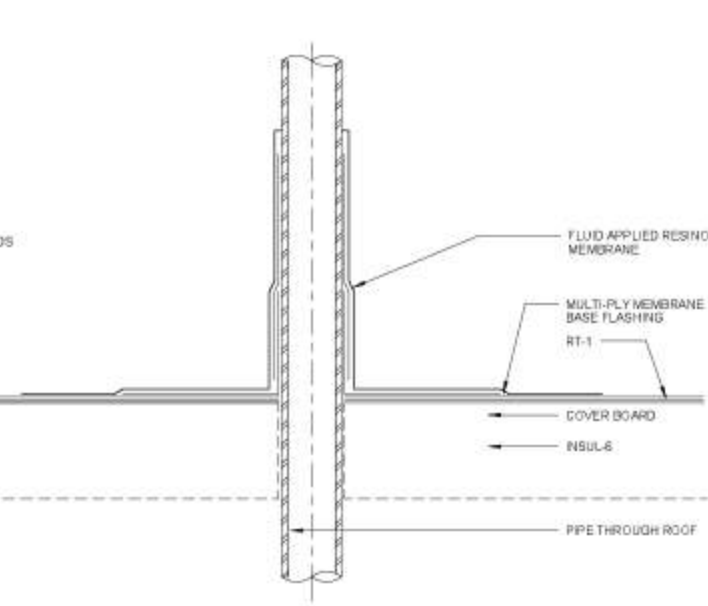
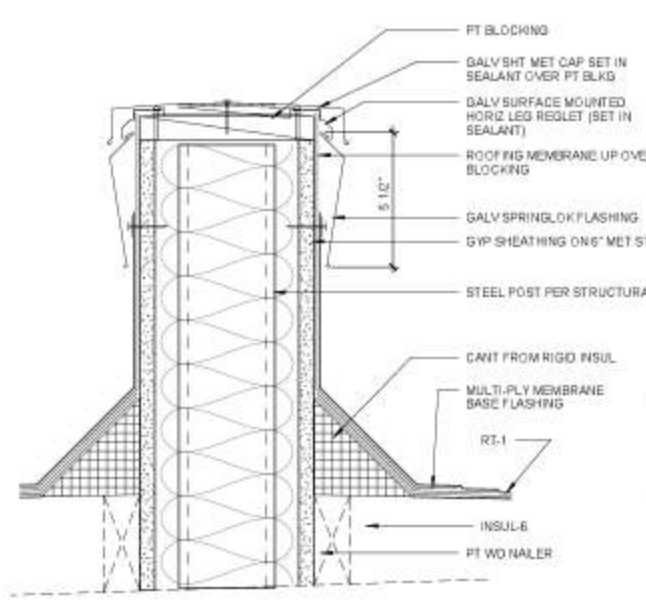
1 DETAIL - NEW SCUPPER DRAIN AT EXISTING ROOF
A450 3" = 1'-0"

2 BUILT-UP ROOF AT WALL
A450 3" = 1'-0"

3 TYP MECH EQUIP ROOF SLEEPER
A450 3" = 1'-0"

4 TYP MECH EQUIP ROOF CURB
A450 3" = 1'-0"

5 BUILT-UP ROOF AT PARAPET
A450 3" = 1'-0"



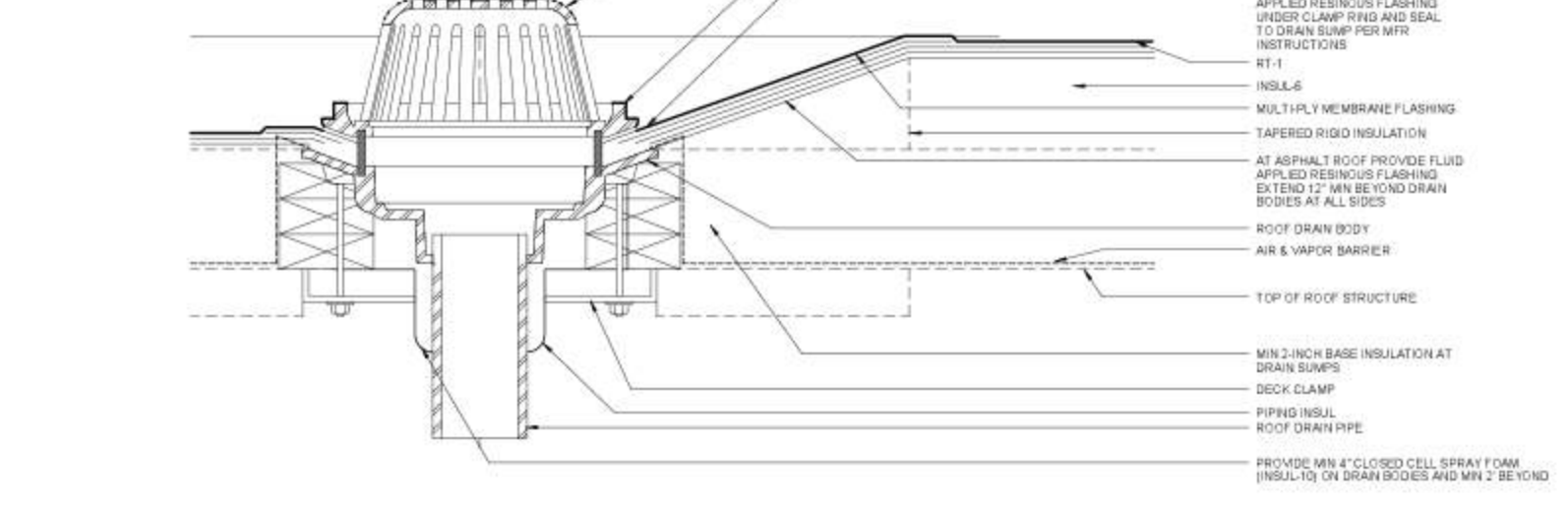
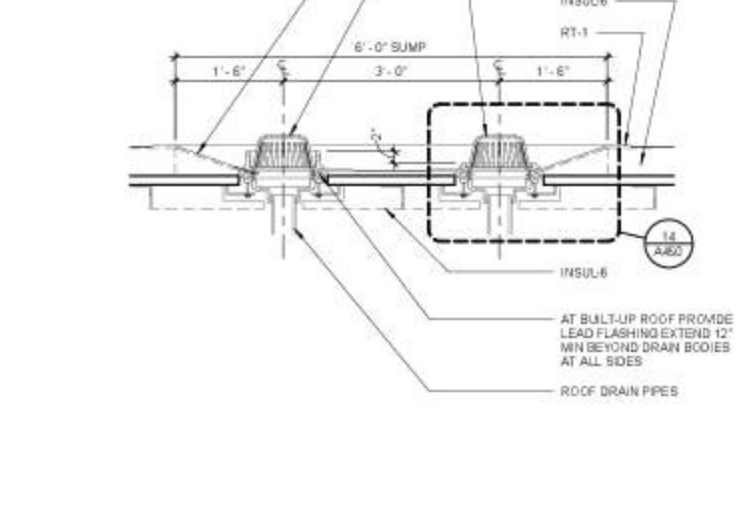
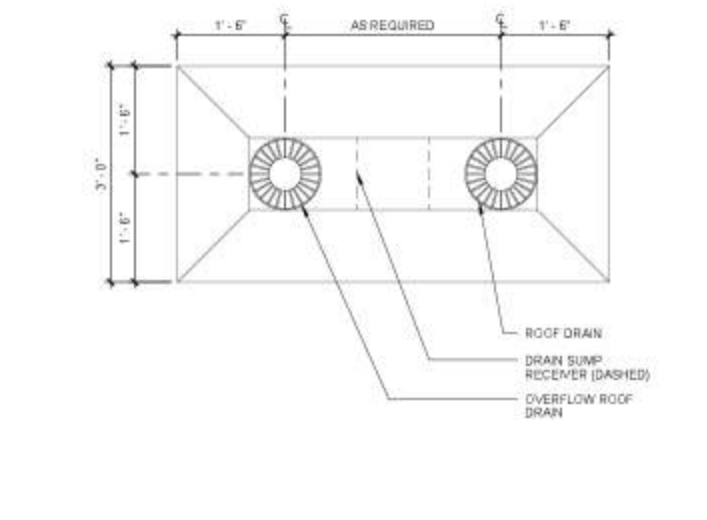
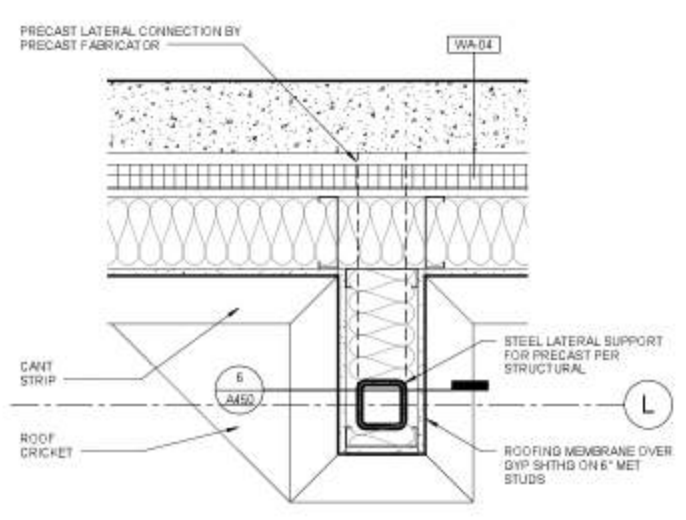
6 STEEL POST ENCLOSURE
A450 3" = 1'-0"

7 PIPE ROOF PENETRATION
A450 3" = 1'-0"

8 EQUIP SUPPORT STAND @ ROOF
A450 3" = 1'-0"

9 TYP PLUMBING VENT STACK
A450 3" = 1'-0"

10 FLUE STACK ROOF PENETRATION
A450 1 1/2" = 1'-0"

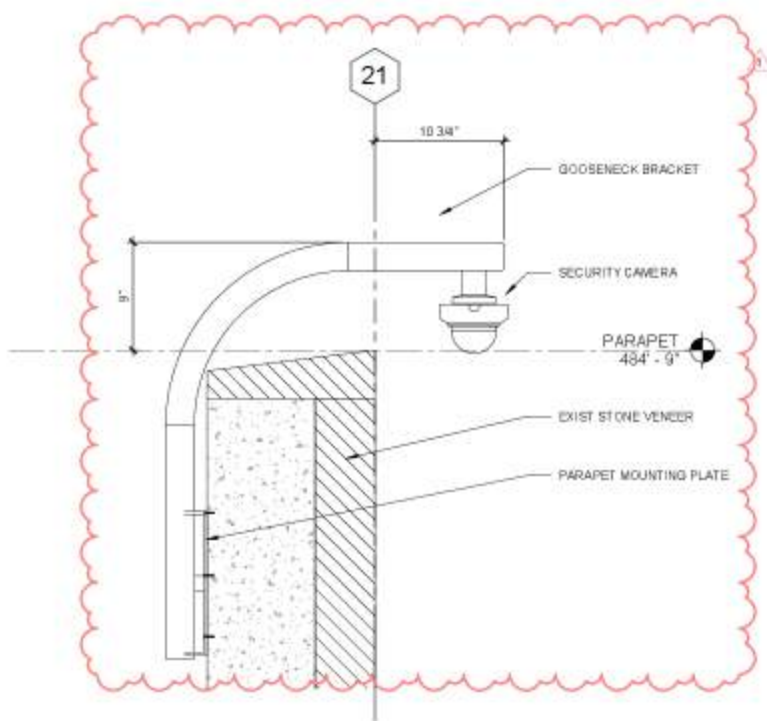


11 PLAN AT STEEL POST
A450 1 1/2" = 1'-0"

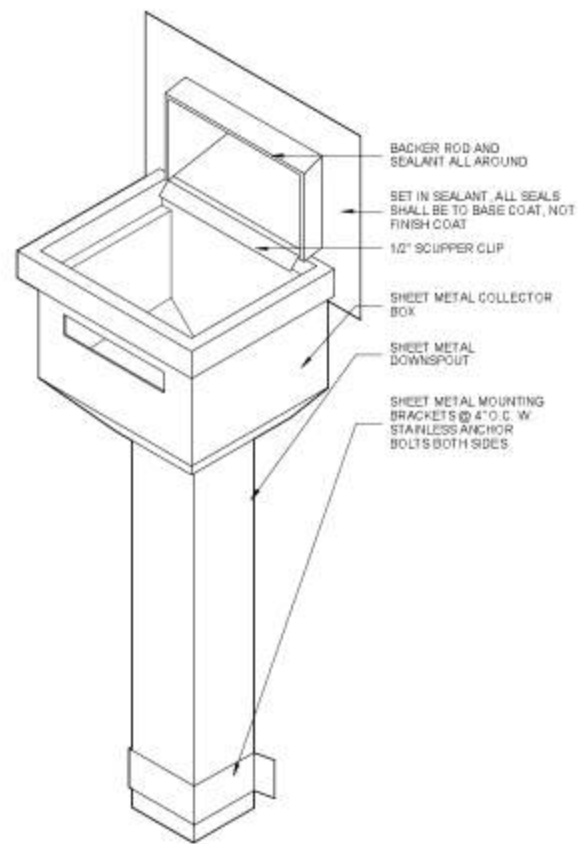
12 PLAN @ ROOF DRAIN SUMP
A450 3/4" = 1'-0"

13 SECTION @ ROOF DRAIN SUMP
A450 3/4" = 1'-0"

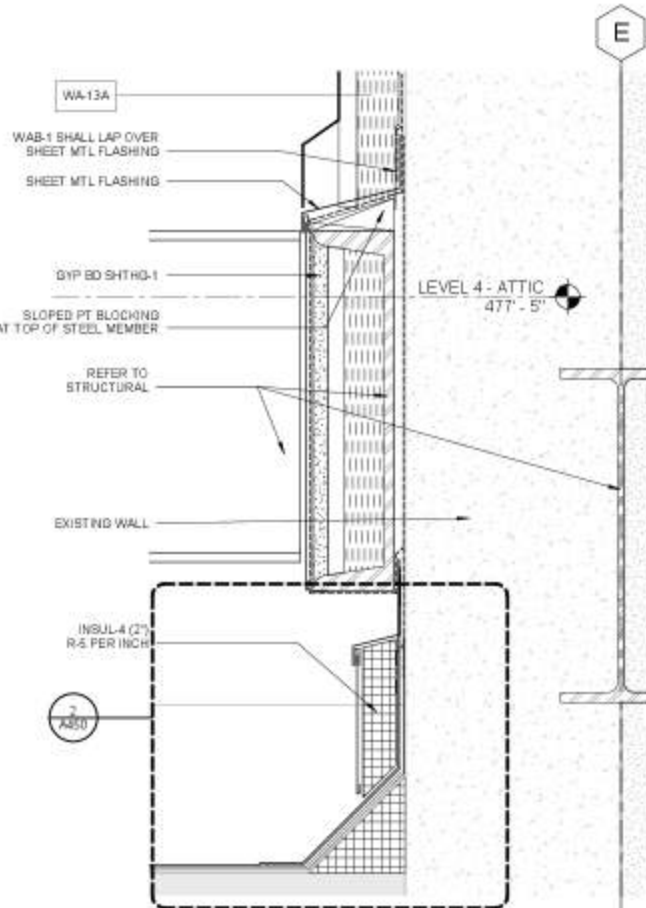
14 ROOF DRAIN AT BUILT-UP ROOF
A450 3" = 1'-0"



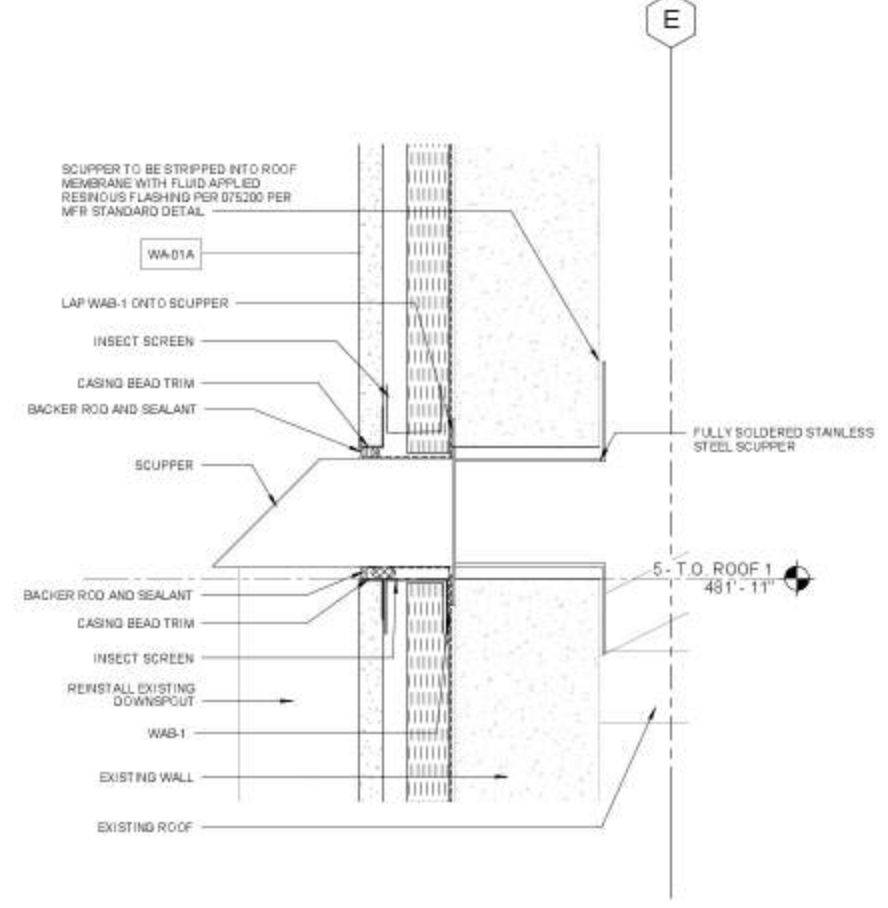
1 TYPICAL CAMERA MOUNT DETAIL AT EXIST PARAPET
A451 1 1/2" = 1'-0"



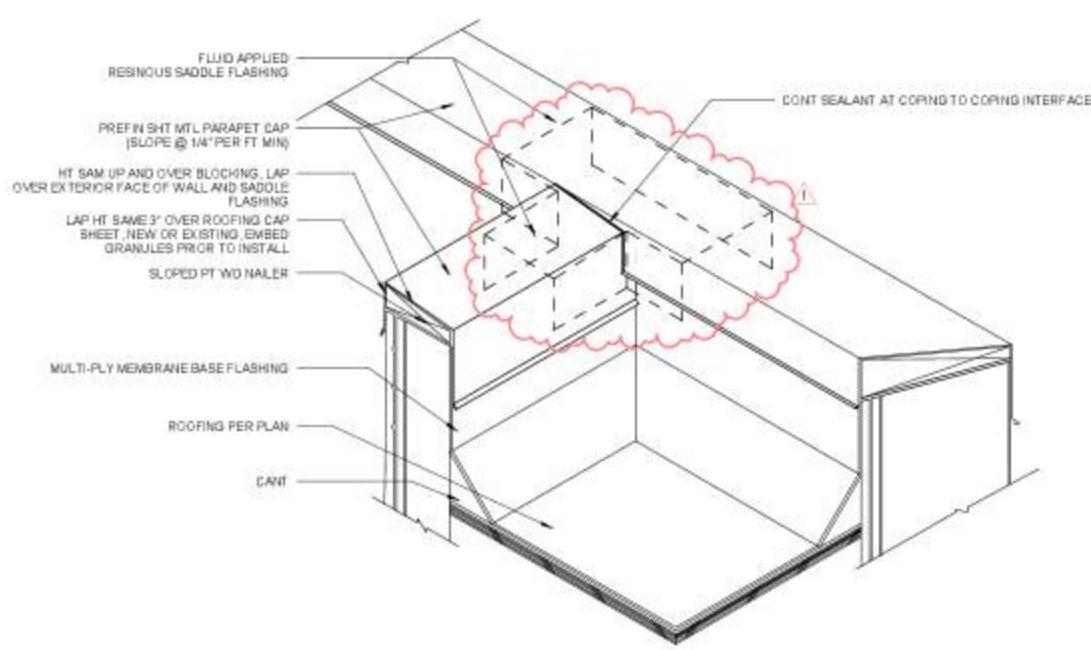
3 DOWNSPOUT ISOMETRIC
A451 3" = 1'-0"



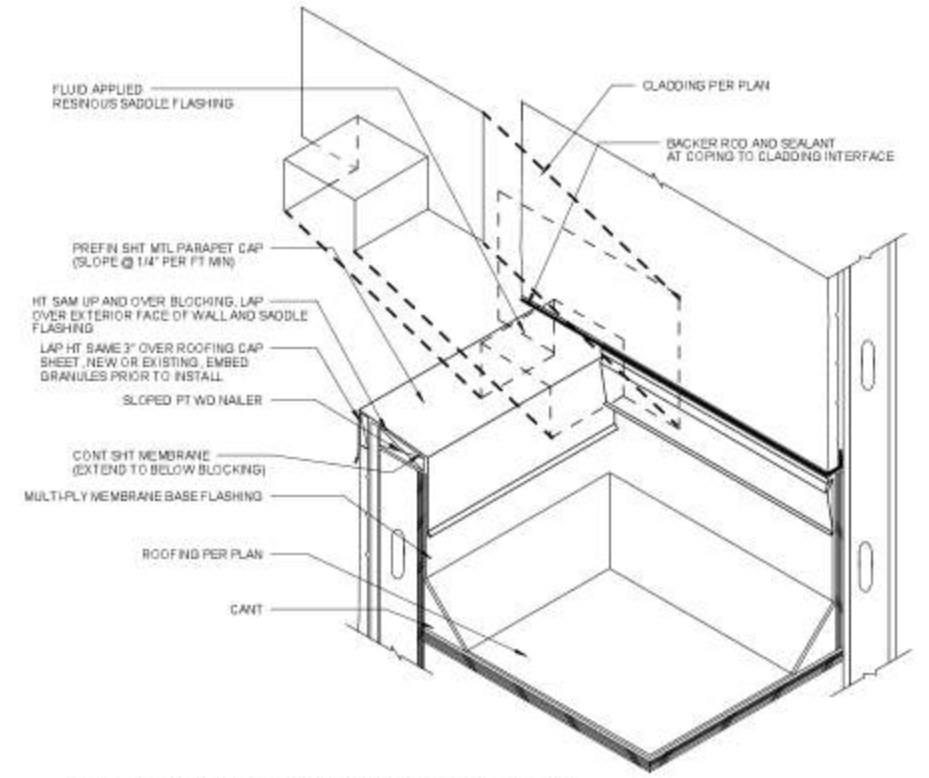
4 STEEL CONNECTION @ MTLF
A451 3" = 1'-0"



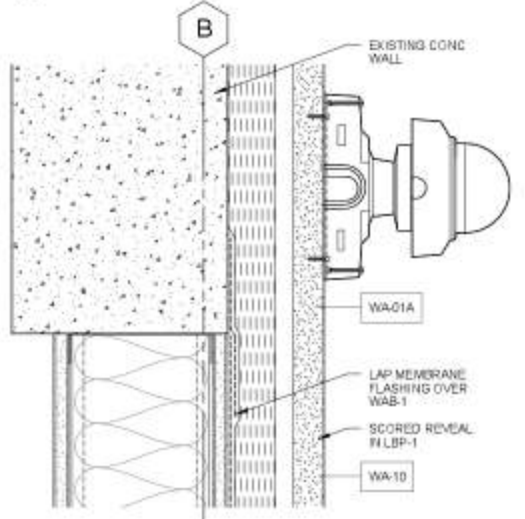
5 SCUPPER @ WA-01A
A451 3" = 1'-0"



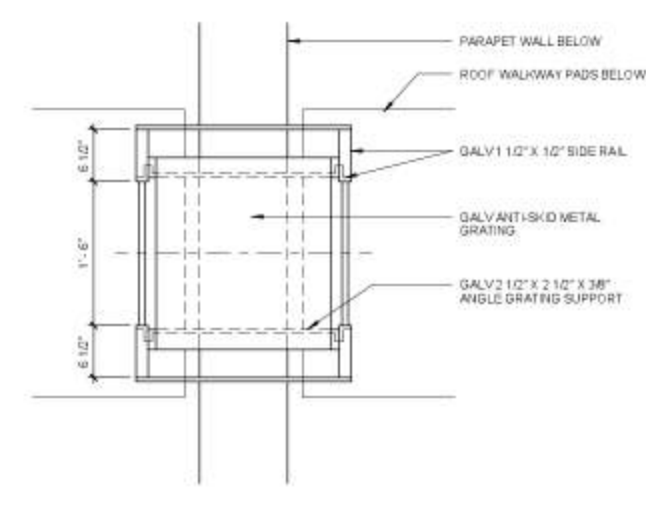
6 PARAPET INTERSECTION FLASHING
A451 1 1/2" = 1'-0"



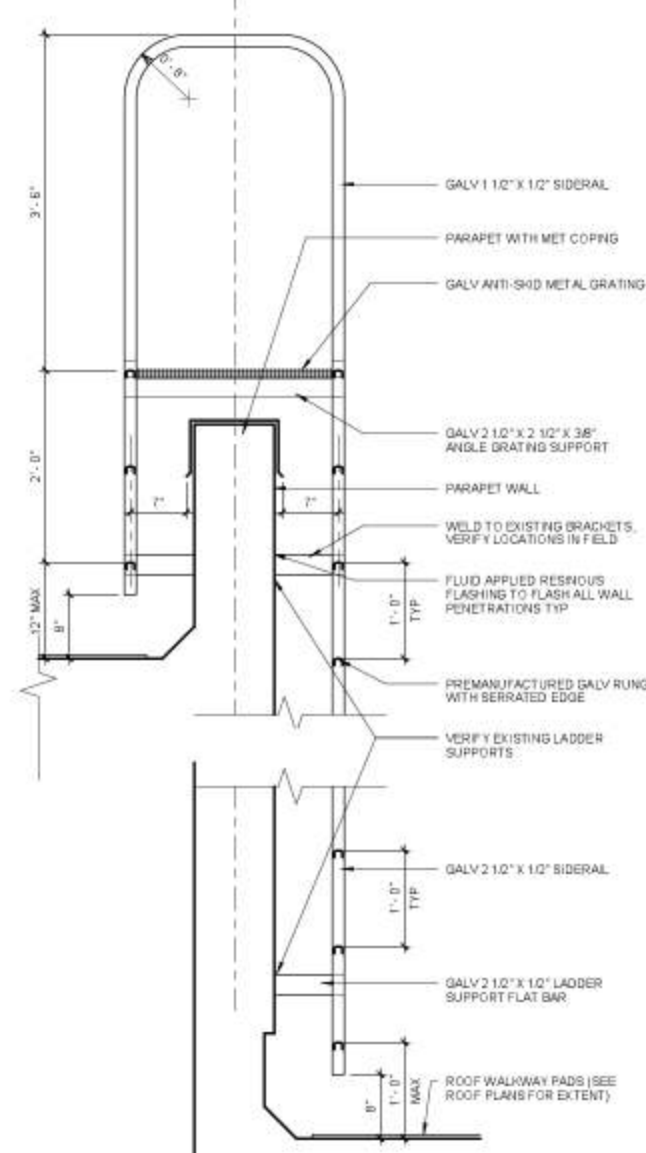
7 PARAPET SADDLE FLASHING
A451 1 1/2" = 1'-0"



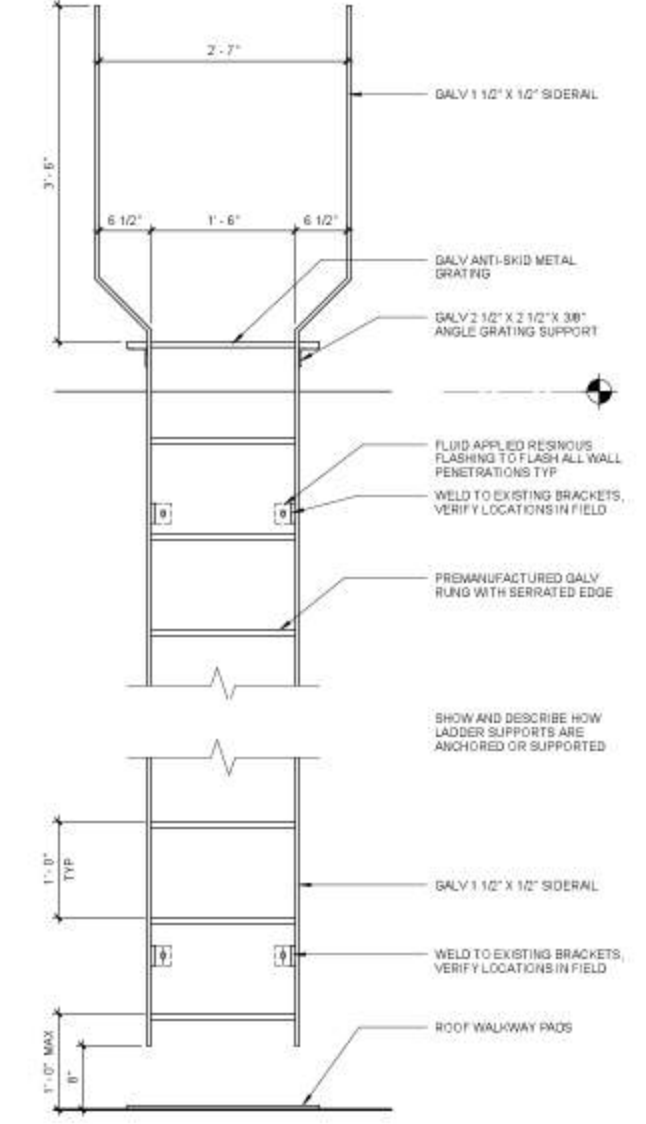
16 CAMERA MOUNT AT WA-01A
A451 3" = 1'-0"



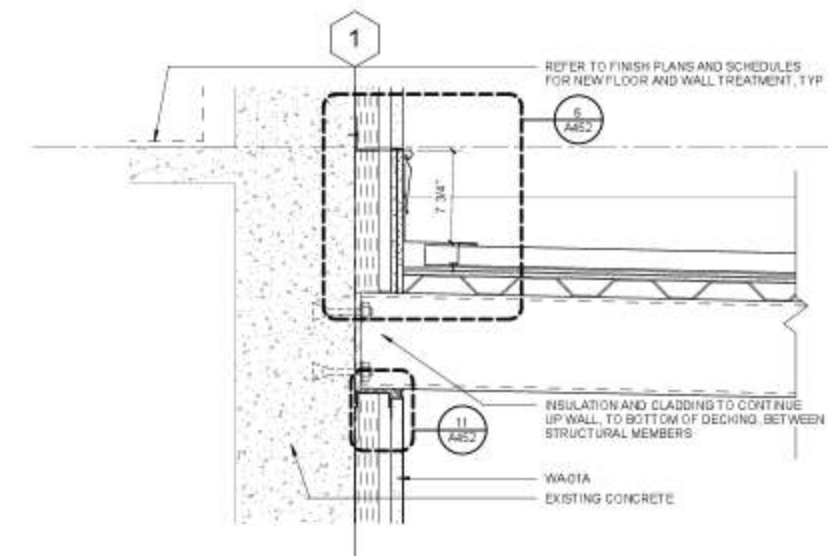
18 ROOF LADDER PLAN
A451 1" = 1'-0"



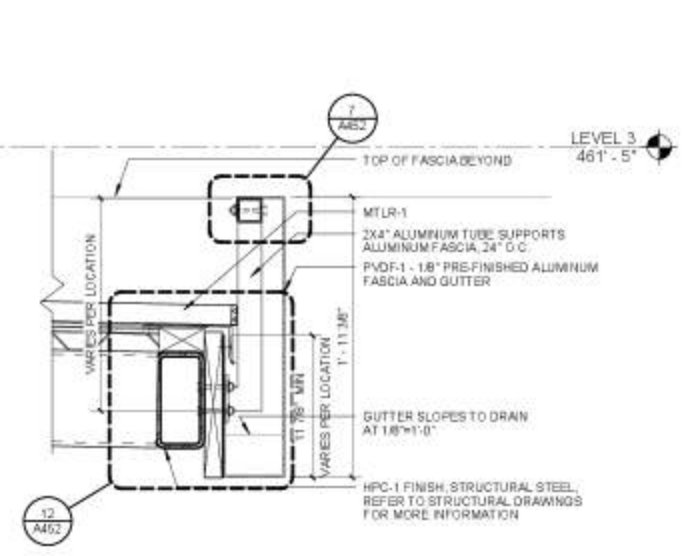
19 ROOF LADDER SECTION
A451 1" = 1'-0"



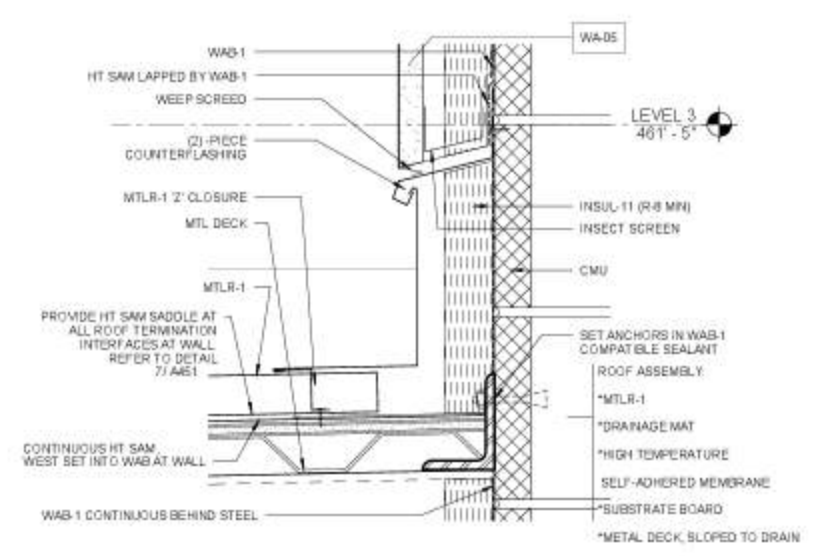
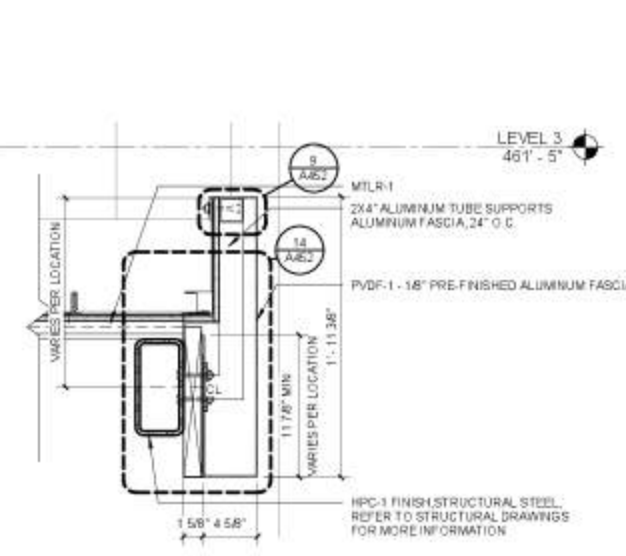
20 ROOF LADDER ELEVATION
A451 1" = 1'-0"



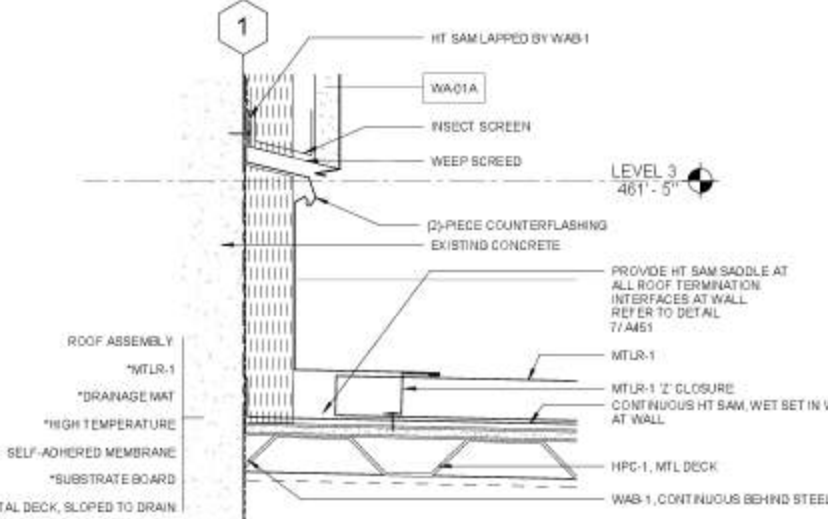
1 DOCK CANOPY SECTION AT WA-01 EAST/WEST
1/2" = 1'-0"



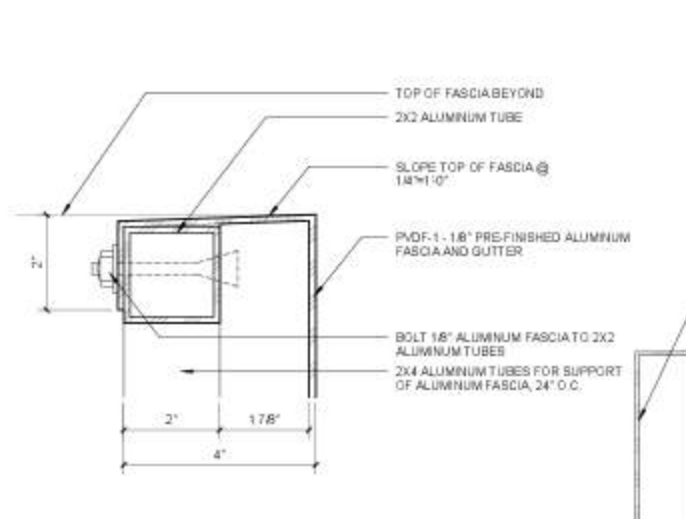
3 DOCK CANOPY SECTION AT WA-01 NORTH/SOUTH
1/2" = 1'-0"



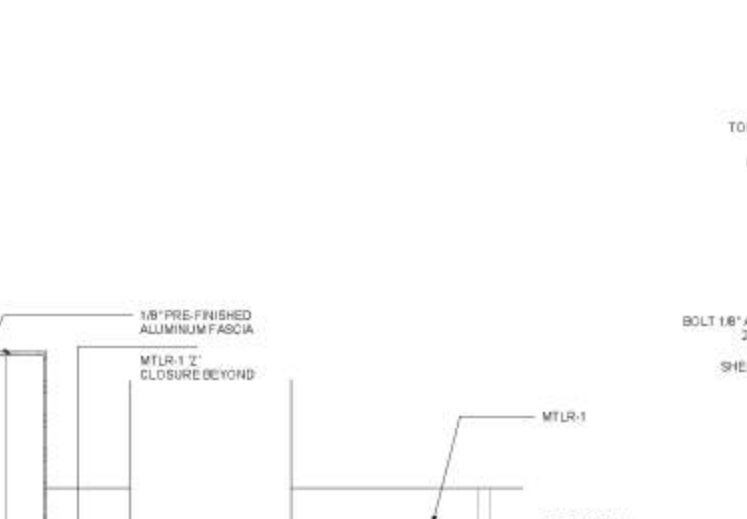
5 DETAIL - @ ELEV HEADWALL
3" = 1'-0"



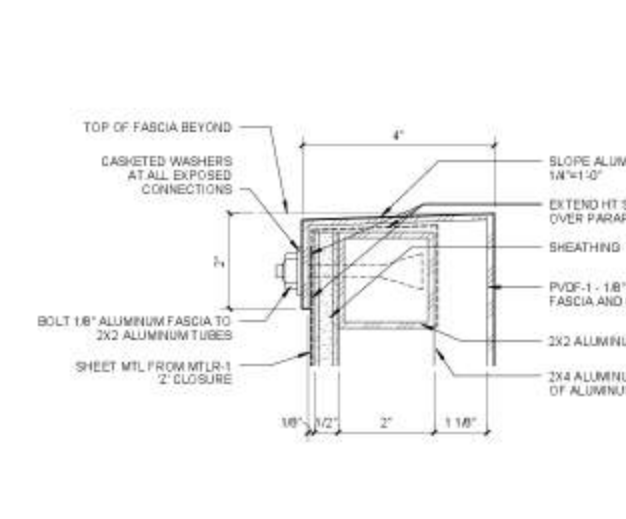
6 DETAIL - @ HEADWALL
3" = 1'-0"



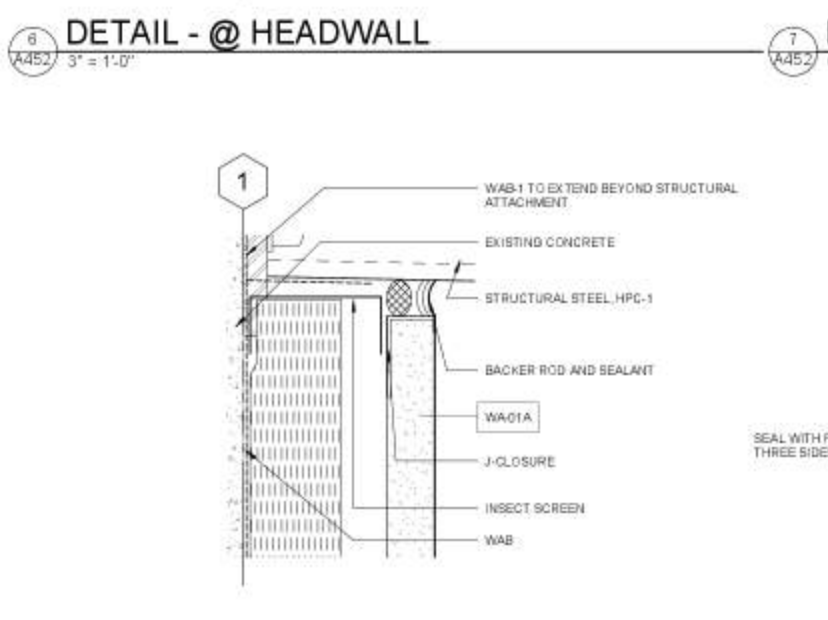
7 DETAIL - TOP OF CANOPY
6" = 1'-0"



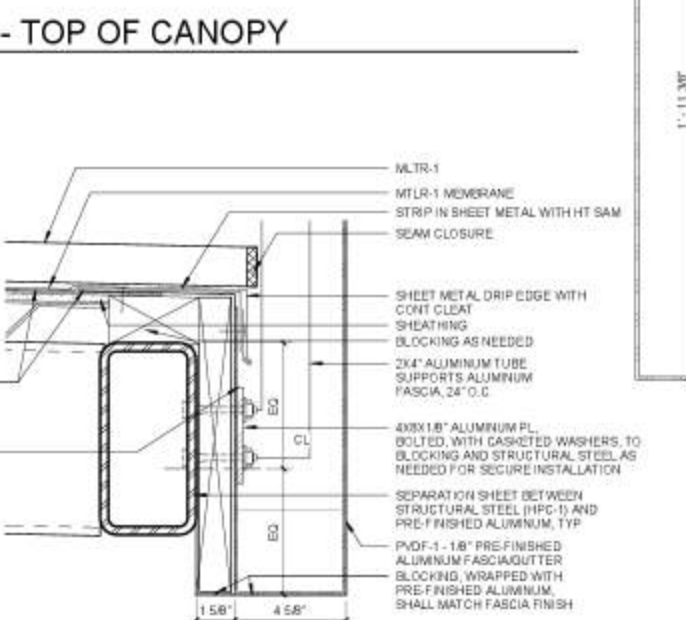
9 DETAIL - TOP OF CANOPY SIDEWALL
6" = 1'-0"



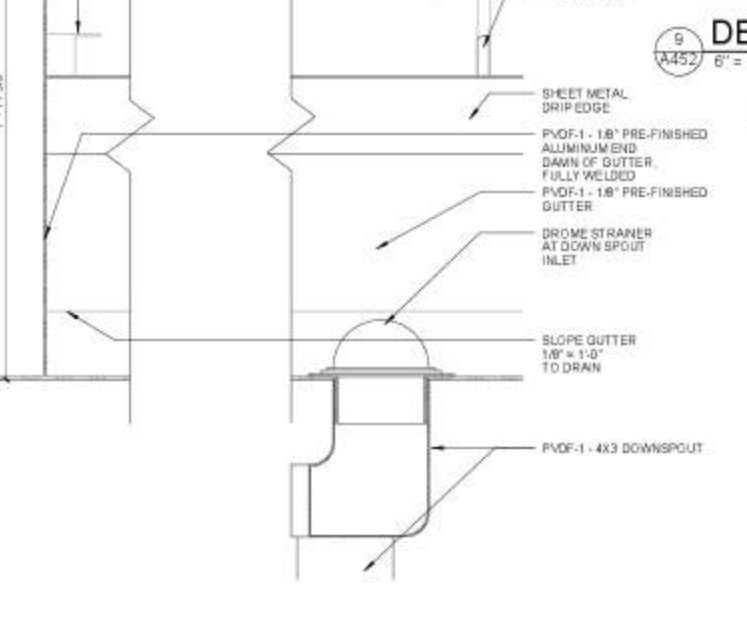
10 DETAIL - @ ELEV SIDEWALL
3" = 1'-0"



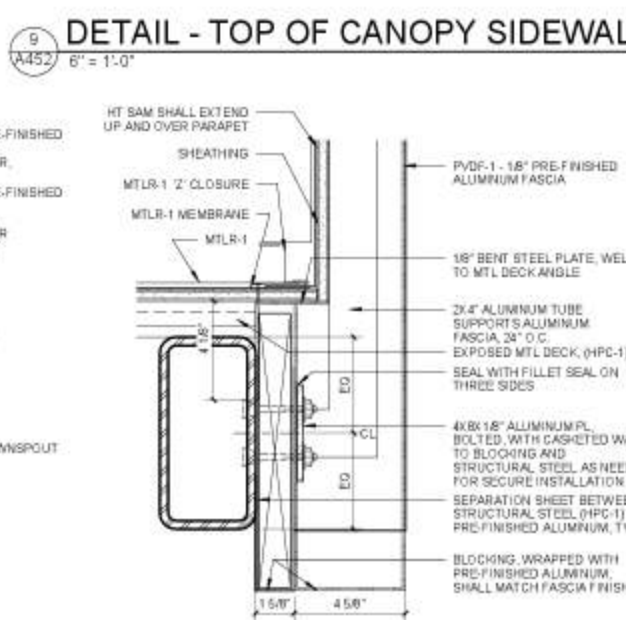
11 DETAIL - STEEL AT LBP-1
6" = 1'-0"



12 DETAIL - CANOPY EDGE
3" = 1'-0"

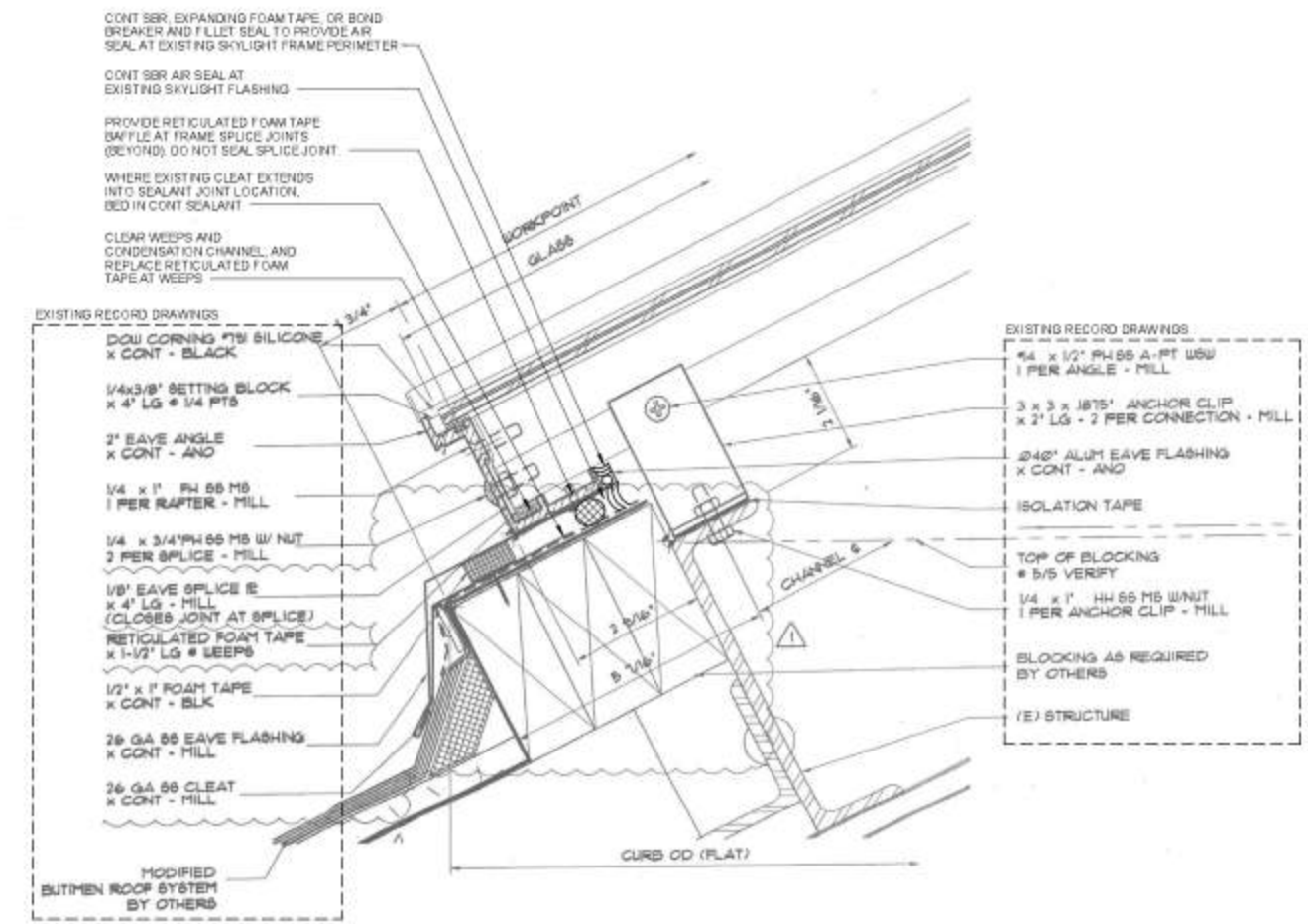


13 DETAIL - GUTTER END
3" = 1'-0"

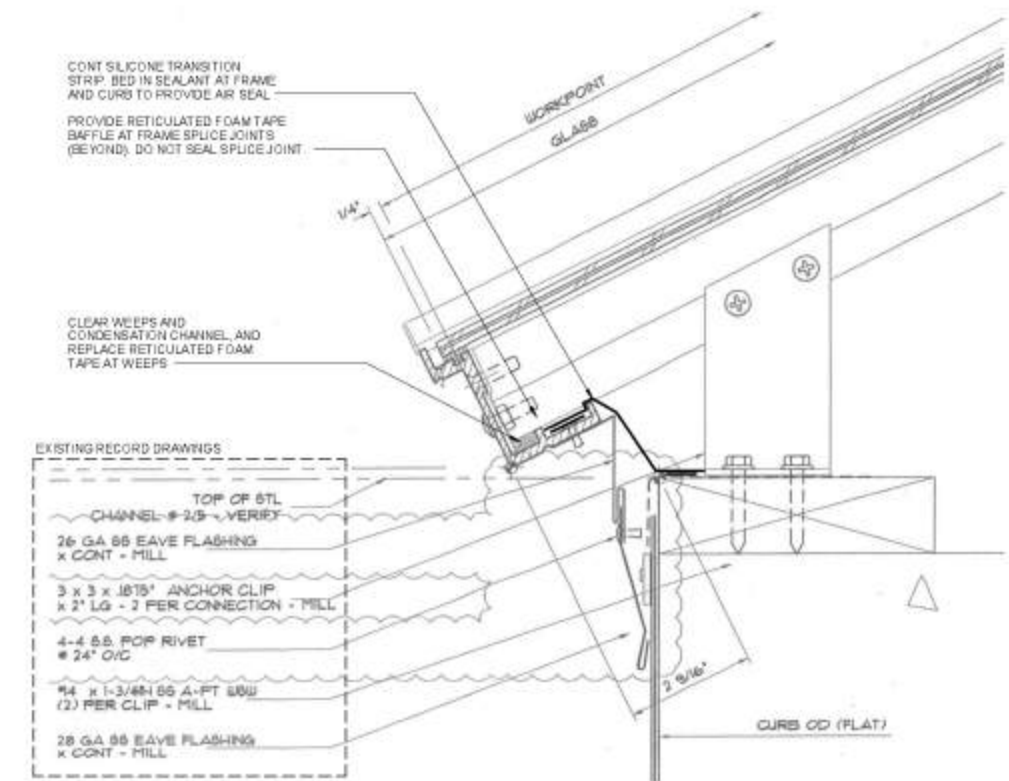


14 DETAIL - CANOPY ROOF AT SIDEWALL
3" = 1'-0"

PAPER STUDY 10/22/20AM

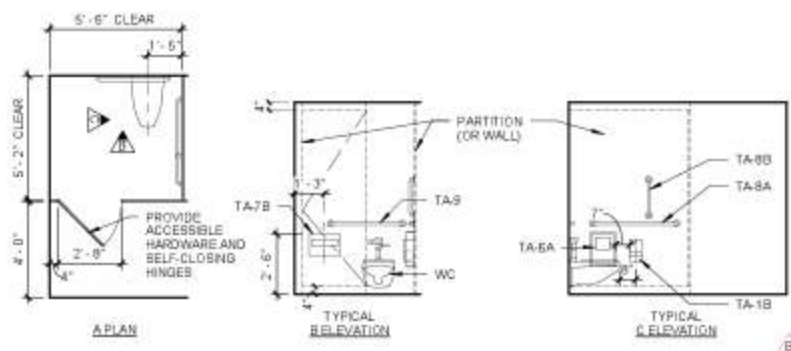


9
A453
EXISTING SKYLIGHT EAVE - TYPICAL
6" = 1'-0"

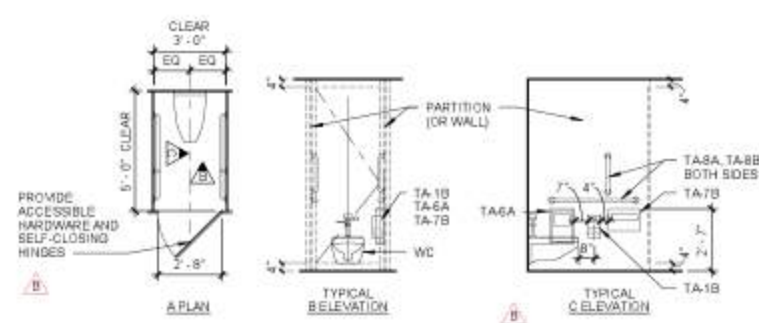


14
A453
EXISTING SKYLIGHT EAVE - AT CURB
6" = 1'-0"

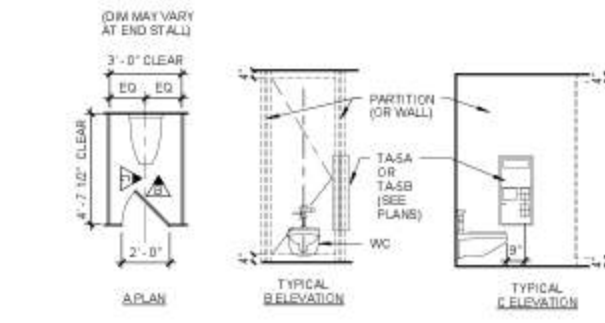
Please STUDY TO 50% AM



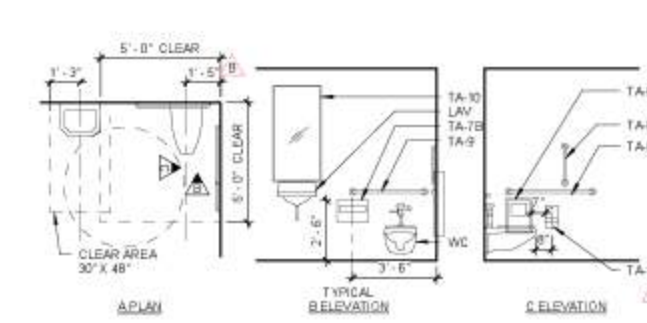
1 WHEELCHAIR ACCESSIBLE COMPARTMENT
A500 1/4" = 1'-0"



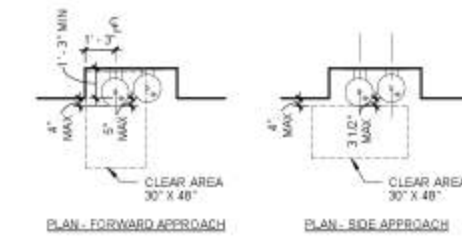
2 AMBULATORY COMPARTMENT
A500 1/4" = 1'-0"



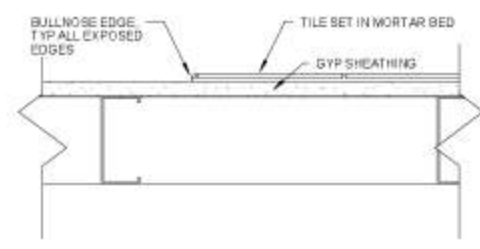
3 TYPICAL COMPARTMENT
A500 1/4" = 1'-0"



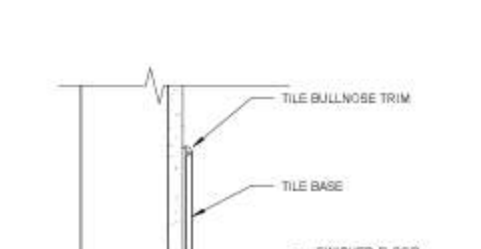
4 SINGLE OCCUPANCY TOILET
A500 1/4" = 1'-0"



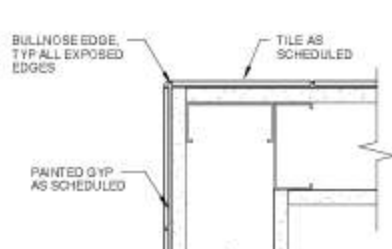
5 PLAN - DRINKING FOUNTAIN
A500 1/4" = 1'-0"



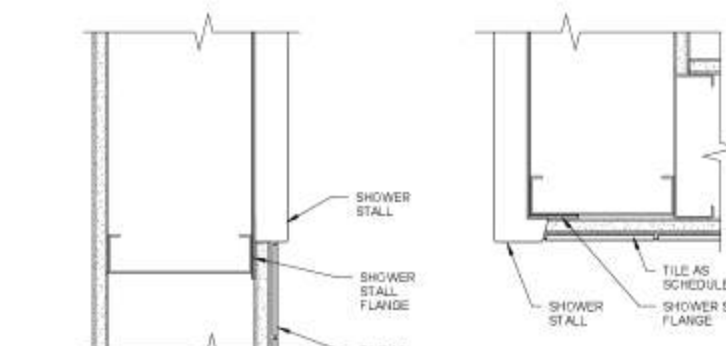
6 TILE END WALL
A500 3" = 1'-0"



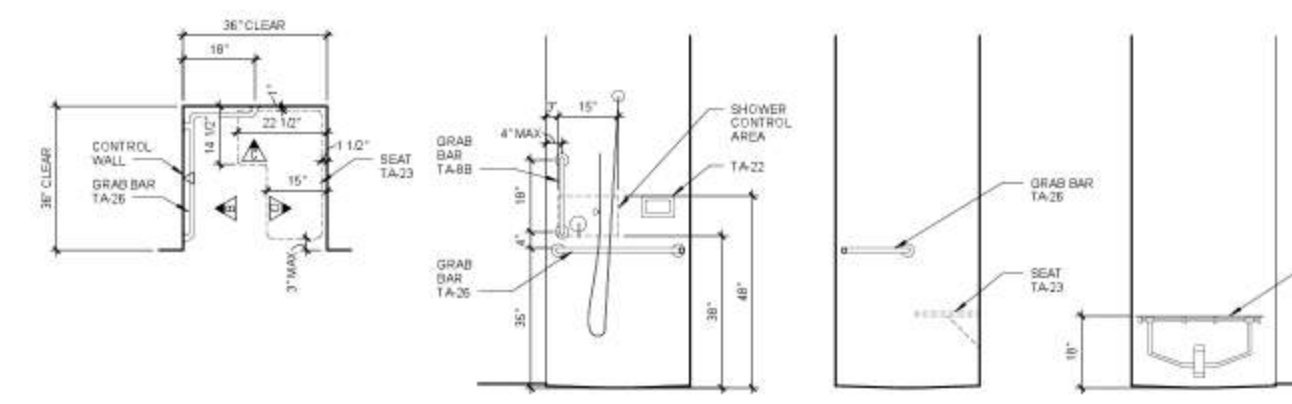
7 TILE BASE
A500 3" = 1'-0"



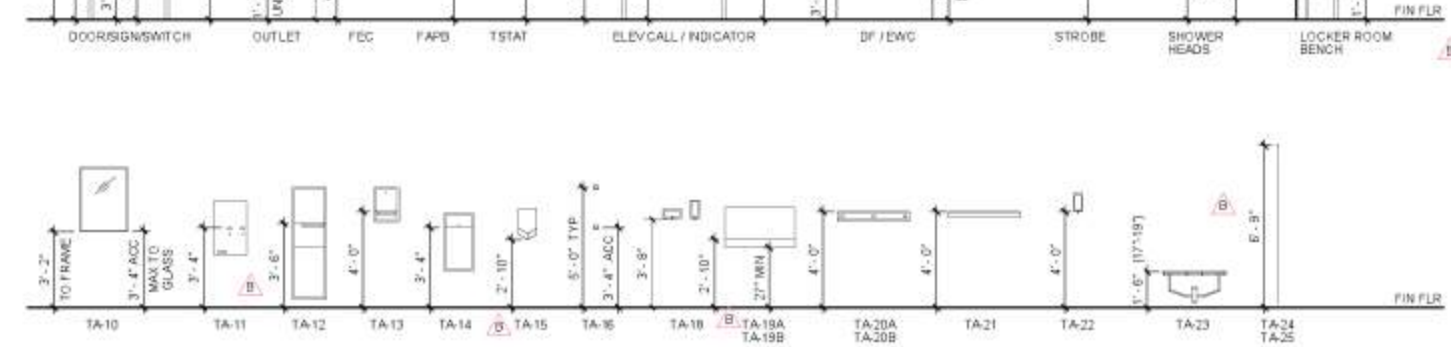
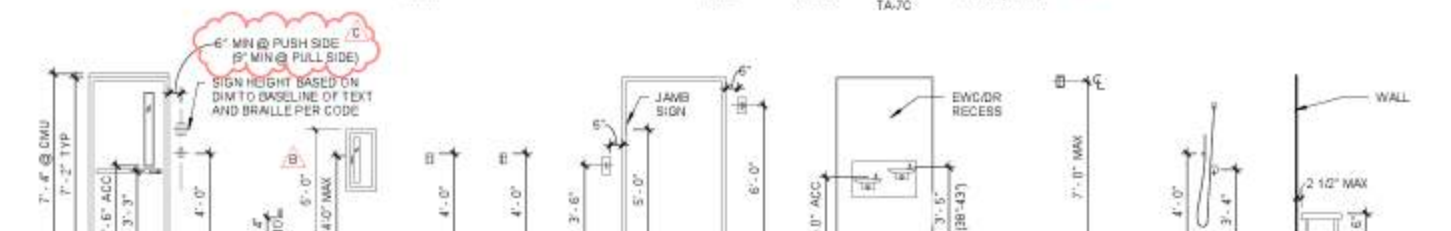
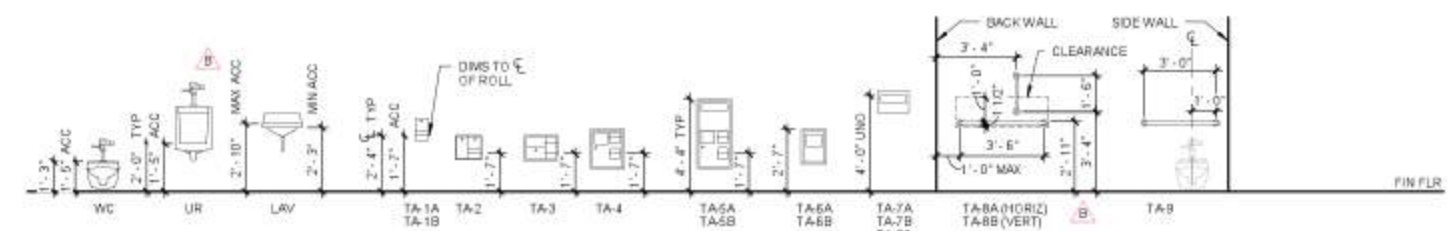
8 TILE CORNER
A500 3" = 1'-0"



9 TILE AT SHOWER
A500 3" = 1'-0"



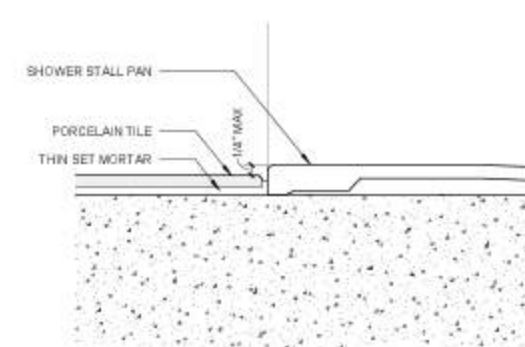
10 ACCESSIBLE SHOWER - TRANSFER TYPE
A500 1/2" = 1'-0"



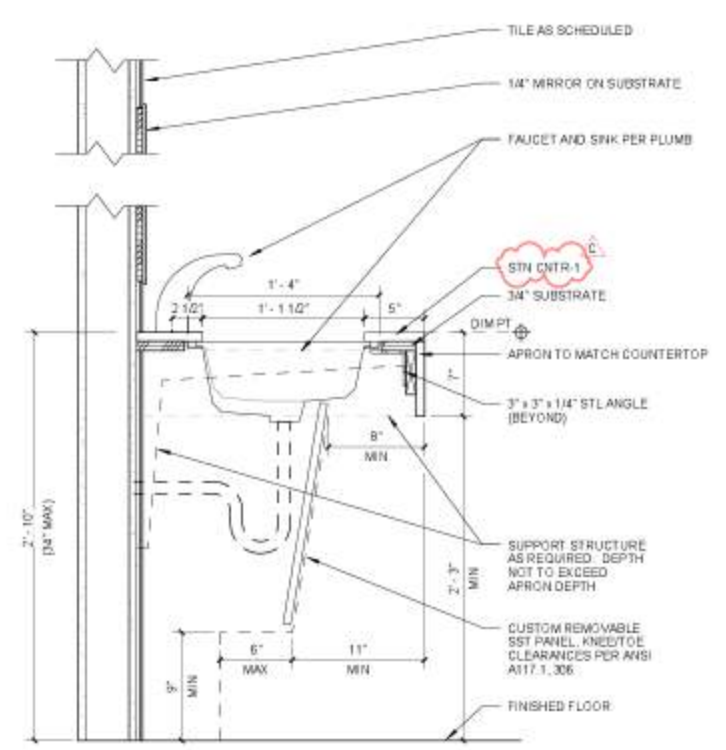
16 TYPICAL MOUNTING HEIGHTS
A500 1/4" = 1'-0"

TOILET ACCESSORIES LEGEND		
ACCESSORY DESCRIPTION		
TA-1A	TOILET PAPER DISPENSER - RECESSED	NOT USED
TA-1B	TOILET PAPER DISPENSER - SURFACE	NOT USED
TA-2	TOILET PAPER DISPENSER - PARTITION MTD	NOT USED
TA-3	TOILET PAPER DISPENSER - RECESSED	NOT USED
TA-4	TOILET PAPER DISPOSAL - PARTITION MTD - SINGLE SIDED	NOT USED
TA-5A	TOILET PAPER DISPOSAL SEAT COVER - RECESSED	NOT USED
TA-5B	TOILET PAPER DISPOSAL SEAT COVER - PARTITION MTD - DOUBLE SIDED	NOT USED
TA-6A	SANITARY NAPKIN DISPOSAL - SURFACE	NOT USED
TA-6B	SANITARY NAPKIN DISPOSAL - PARTITION MTD	NOT USED
TA-7A	TOILET SEAT COVER DISPENSER - RECESSED	NOT USED
TA-7B	TOILET SEAT COVER DISPENSER - SURFACE	NOT USED
TA-7C	TOILET SEAT COVER DISPENSER - PARTITION MTD	NOT USED
TA-8A	GRAB BAR SIDE MTD - HORIZ	NOT USED
TA-8B	GRAB BAR SIDE MTD - VERT	NOT USED
TA-9	GRAB BAR REAR MTD	NOT USED
TA-10	FRAMED MIRROR	NOT USED
TA-11	NAPIENT NAPKIN DISPENSER - RECESSED	NOT USED
TA-12	PAPER TOWEL DISPENSER WASTE - RECESSED	NOT USED
TA-13	PAPER TOWEL DISPENSER - RECESSED	NOT USED
TA-14	WASTE RECEPTACLE - RECESSED	NOT USED
TA-15	HAND DRYER - SURFACE MOUNTED	NOT USED
TA-16	SOAP DISPENSER - RECESSED	NOT USED
TA-17	SOAP DISPENSER - LAVATORY MTD	NOT USED
TA-18	SOAP DISPENSER - WALL MTD @ LAVATORY	NOT USED
TA-19A	BABY CHANGING STATION - RECESSED	NOT USED
TA-19B	BABY CHANGING STATION - WALL MOUNTED	NOT USED
TA-20A	SHOULDER & MOP HOLDER - WITH SHELF	NOT USED
TA-21	SHOULDER & MOP HOLDER - WITHOUT SHELF	NOT USED
TA-22	SOAP DISH - RECESSED @ SHOWER	NOT USED
TA-23	FOLDING SHOWER SEAT	NOT USED
TA-24	SHOWER CURTAIN - BY OWNER	NOT USED
TA-25	SHOWER ROD AND HOOKS	NOT USED
TA-26	SHOWER GRAB BAR	NOT USED

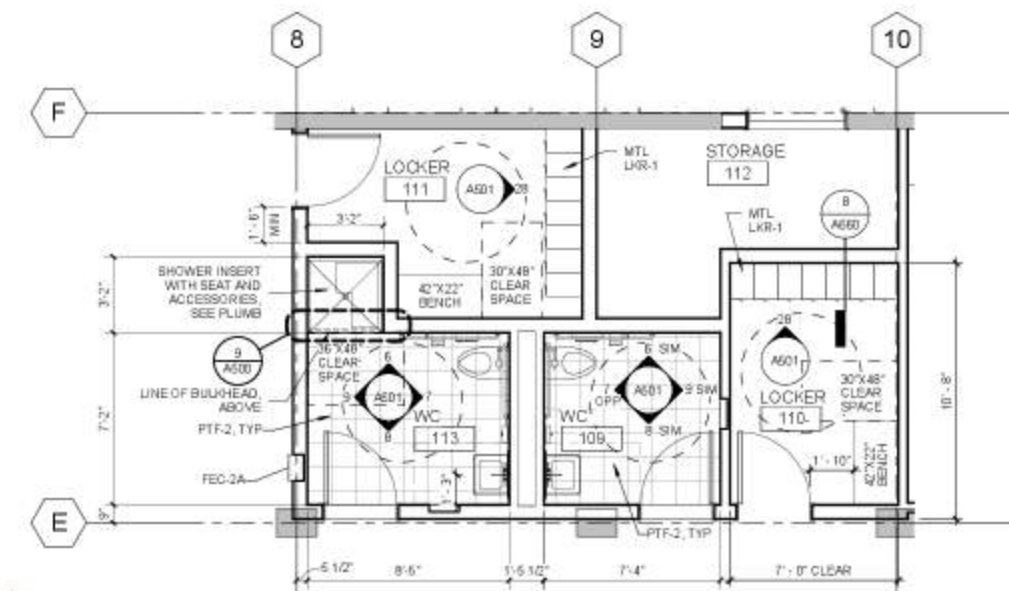
NOTES
 1. FIXTURES AND ACCESSORIES SHOWN ARE GENERIC FOR ALL PROJECTS. REFER TO PLANS, DETAILS AND SPECIFICATIONS FOR PROJECT REQUIREMENTS.
 2. PARTITION MTD MEANS ACCESSORY IS DOUBLE SIDED AND SERVES TWO COMPARTMENTS.
 3. REVIEW SPECIFIC ACCESSORY DIMENSIONS AND LOCATIONS TO COORDINATE WITH GRAB BAR PLACEMENT. PROVIDE MIN 1 1/2" CLEARANCE AT GRAB BARS.



19 SHOWER SILL
A500 6" = 1'-0"



20 RESTROOM SINK COUNTER
A500 1 1/2" = 1'-0"



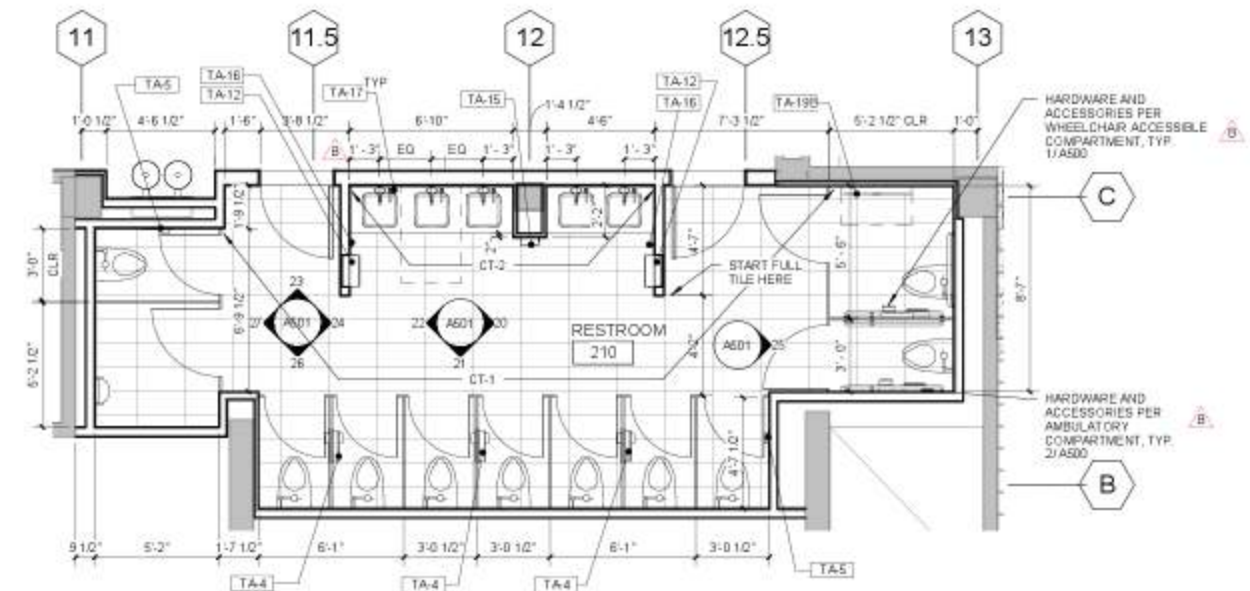
1 LEVEL 1 - WC 113 AND WC 109
A501 1/4" = 1'-0"



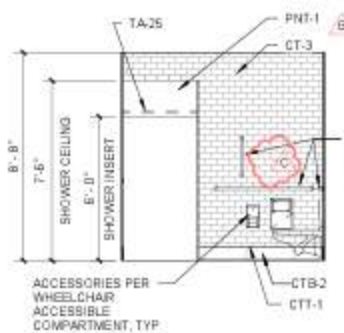
2 LEVEL 2 - WC 218 AND WC 219
A501 1/4" = 1'-0"



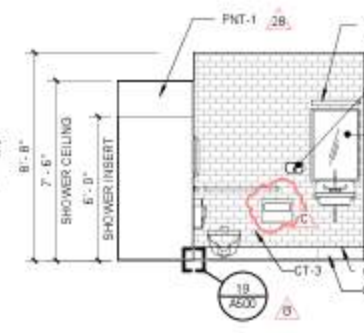
3 LEVEL 1 - WC 136
A501 1/4" = 1'-0"



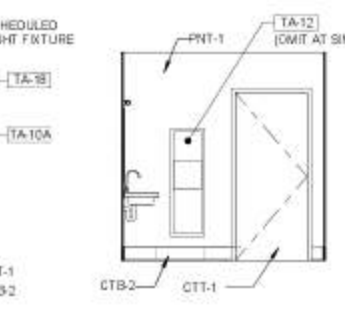
4 LEVEL 2 - RESTROOM 210
A501 1/4" = 1'-0"



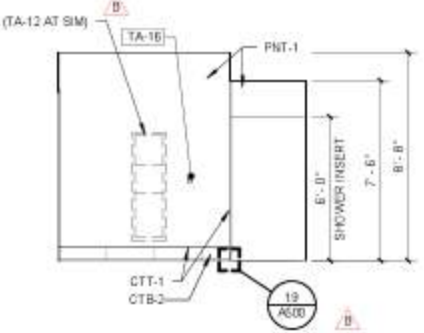
6 WC 113 - EAST
A501 1/4" = 1'-0"



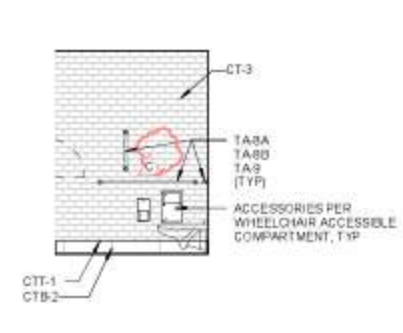
7 WC 113 - SOUTH
A501 1/4" = 1'-0"



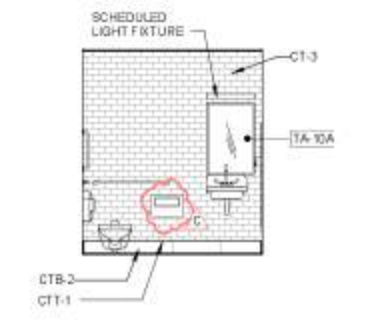
8 WC 113 - WEST
A501 1/4" = 1'-0"



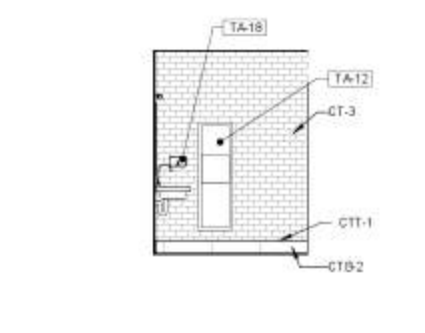
9 WC 113 - NORTH
A501 1/4" = 1'-0"



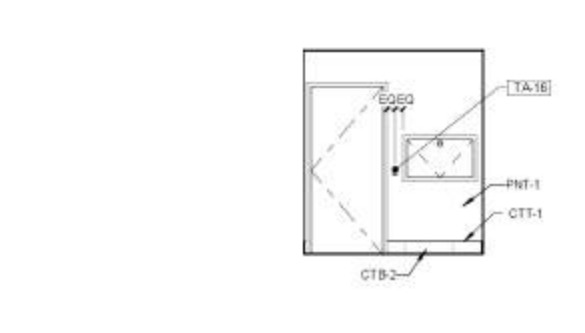
10 WC 136 - EAST
A501 1/4" = 1'-0"



11 WC 136 - SOUTH
A501 1/4" = 1'-0"



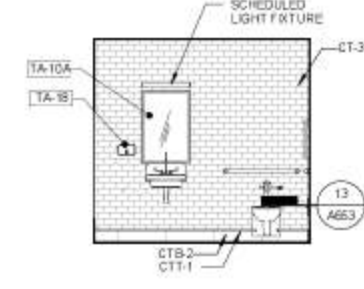
12 WC 136 - WEST
A501 1/4" = 1'-0"



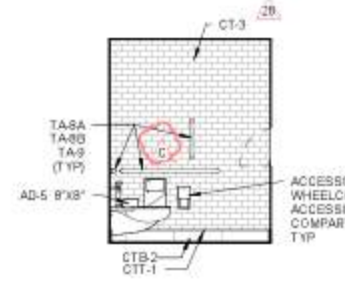
13 WC 136 - NORTH
A501 1/4" = 1'-0"



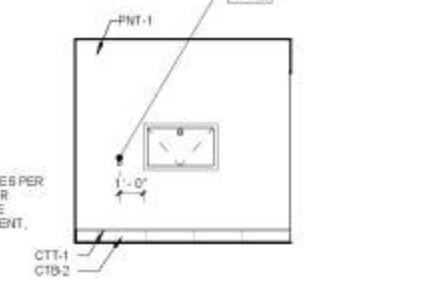
14 WC 218 - EAST
A501 1/4" = 1'-0"



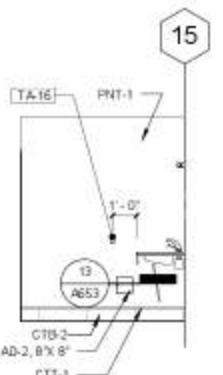
15 WC 218 - SOUTH
A501 1/4" = 1'-0"



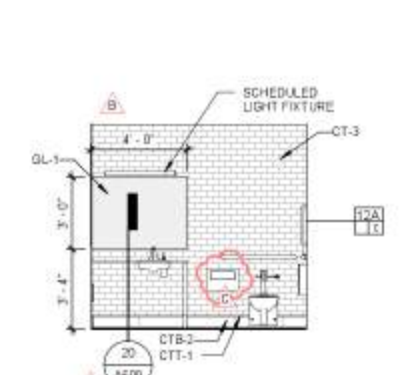
16 WC 218 - WEST
A501 1/4" = 1'-0"



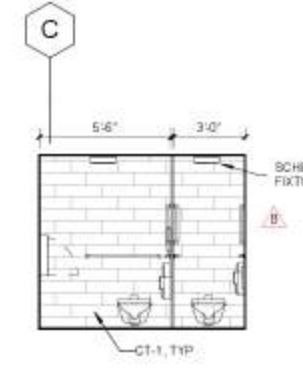
17 WC 218 - NORTH
A501 1/4" = 1'-0"



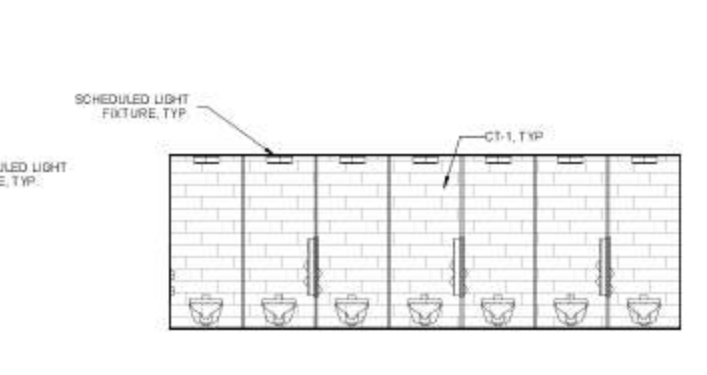
18 WC 219 - WEST
A501 1/4" = 1'-0"



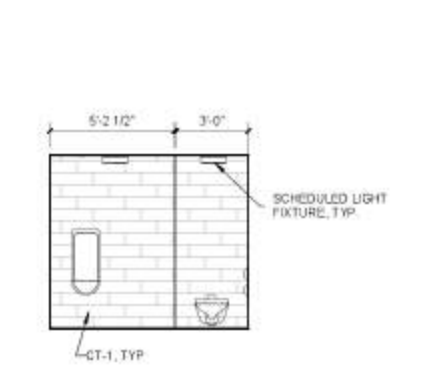
19 WC 219 - NORTH
A501 1/4" = 1'-0"



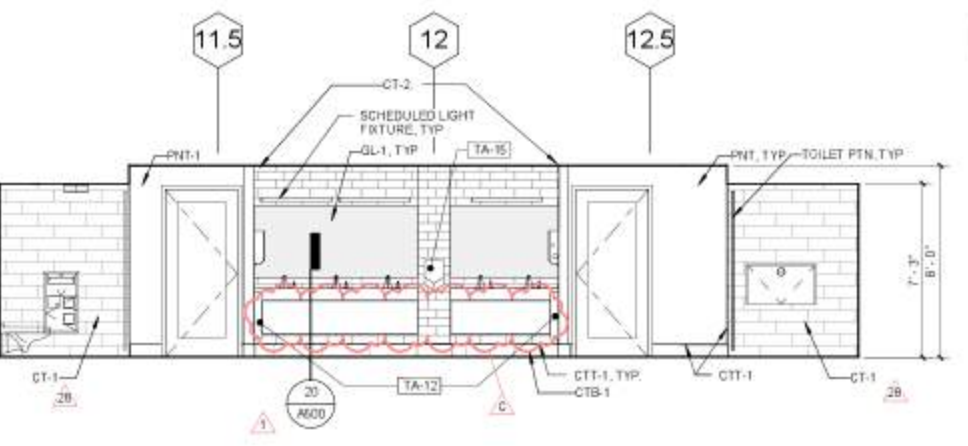
20 RR 210 - STALLS SOUTH
A501 1/4" = 1'-0"



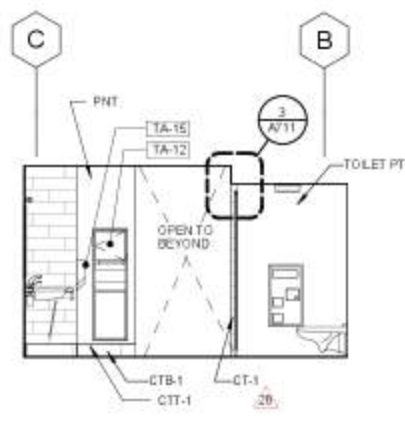
21 RESTROOM 210 - STALLS WEST
A501 1/4" = 1'-0"



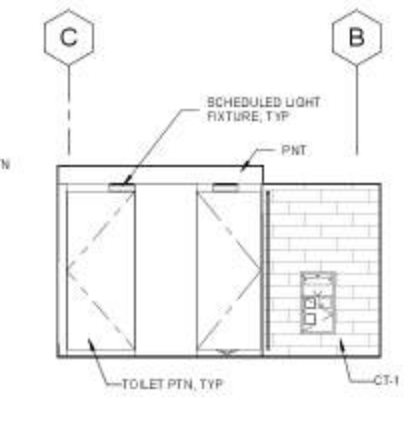
22 RR 210 - STALLS NORTH
A501 1/4" = 1'-0"



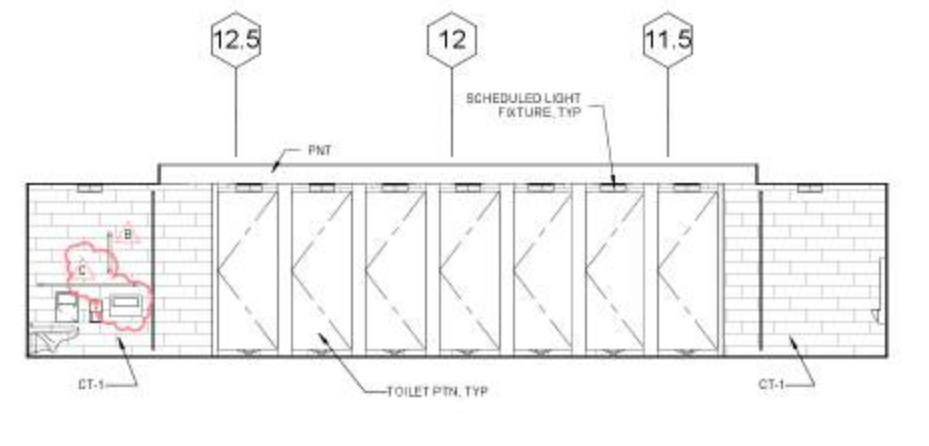
23 RESTROOM 210 - EAST
A501 1/4" = 1'-0"



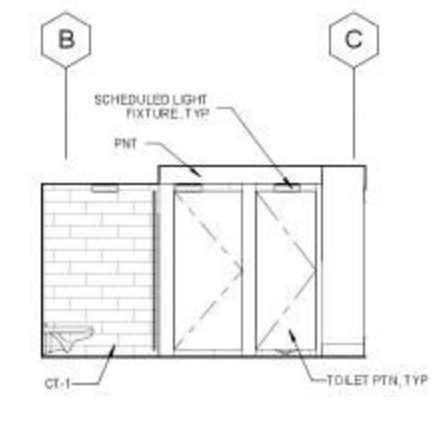
24 RR 210 - SOUTH 1
A501 1/4" = 1'-0"



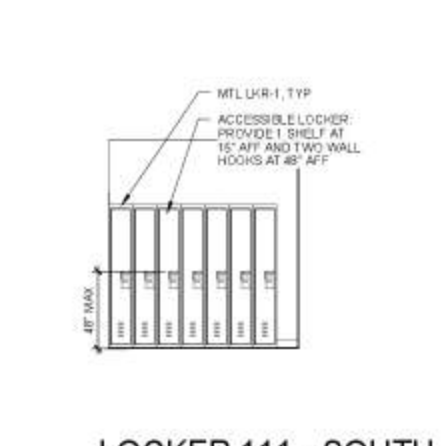
25 RESTROOM 210 - SOUTH 2
A501 1/4" = 1'-0"



26 RESTROOM 210 - WEST
A501 1/4" = 1'-0"



27 RESTROOM 210 - NORTH
A501 1/4" = 1'-0"

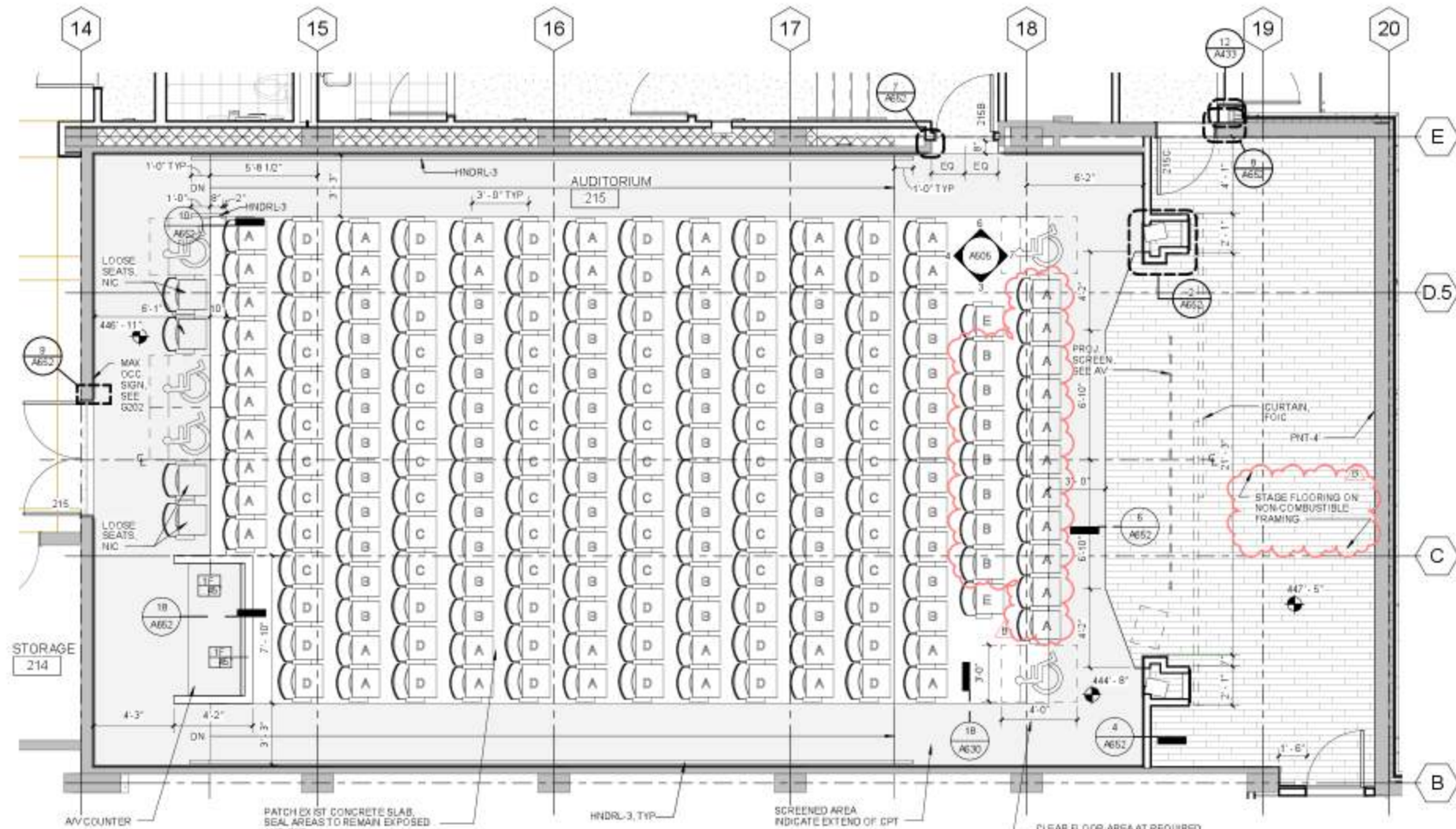


28 LOCKER 111 - SOUTH (110 - EAST SIM)
A501 1/4" = 1'-0"

P:\1002017\05136.AW

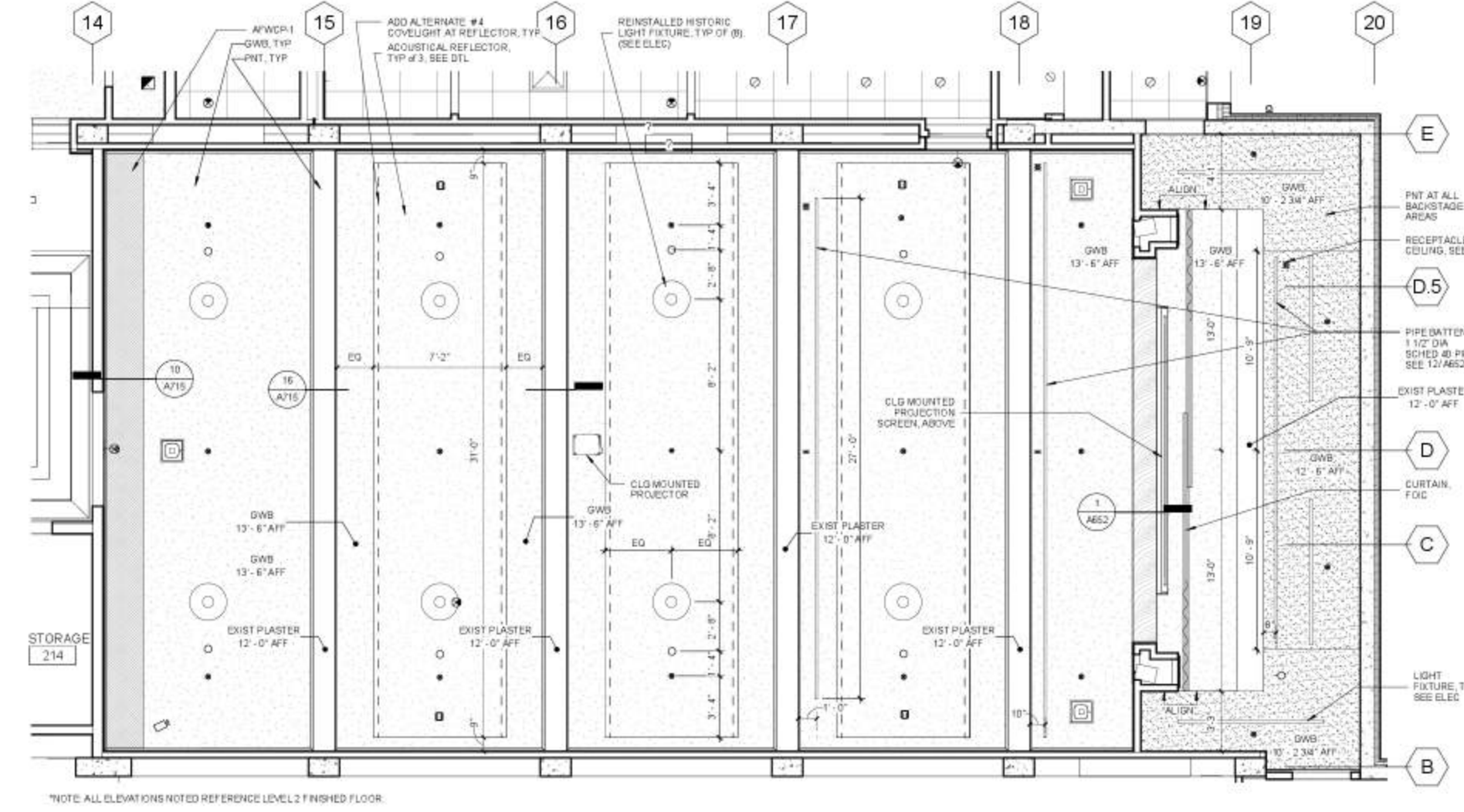
No.	Date	Description
1	7/12/17	ADDENDUM #1
B	9/19/17	PERMIT CORRECTIONS 1
C	10/23/17	PERMIT CORRECTIONS 2
28	10/16/17	ADDENDUM #2B (FINISHES / RCP)

Drawn	Author
Checked	Author
LMN Proj No	16028.01
Date	6/23/17

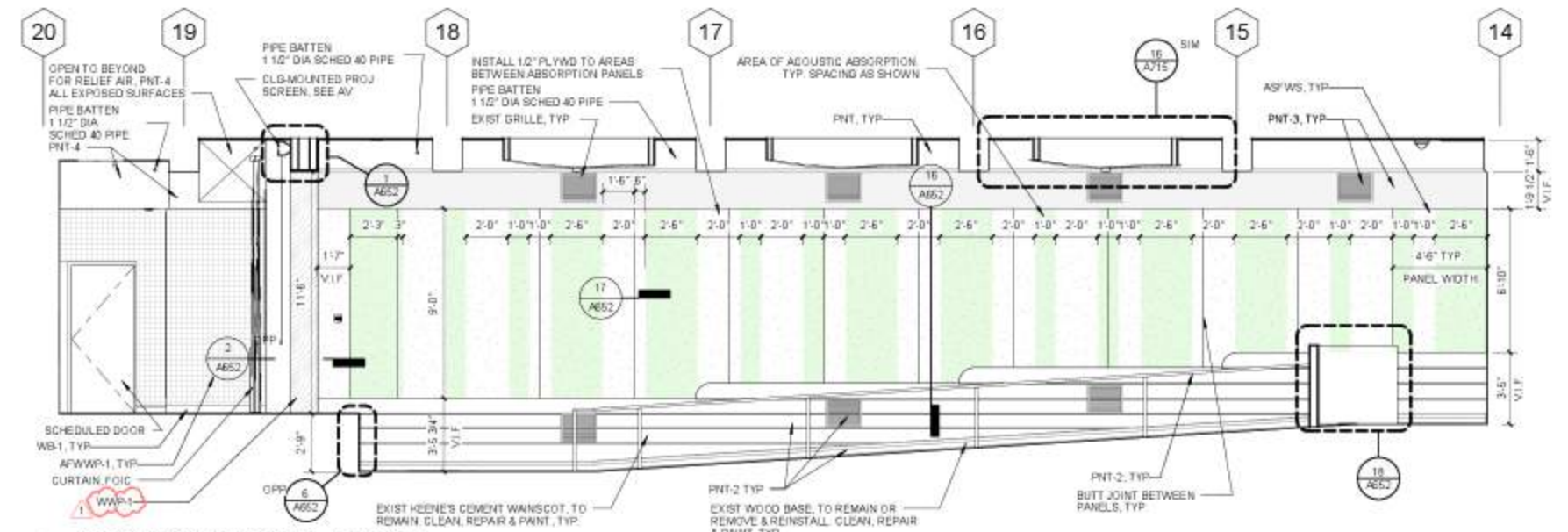


1 AUDITORIUM 215 - ENLARGED PLAN
1/4" = 1'-0"

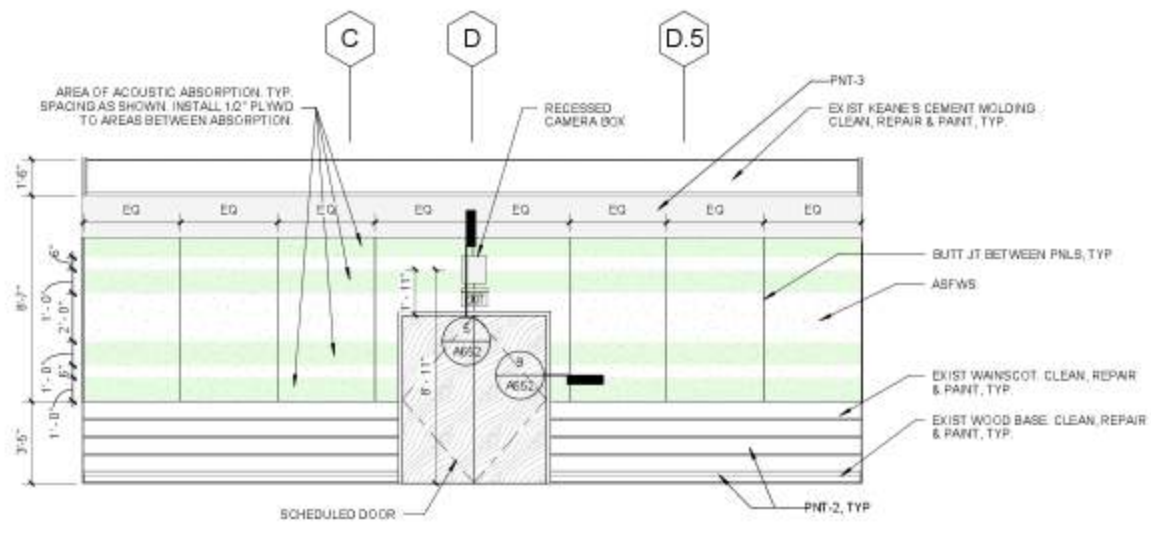
AUDITORIUM CHAIR LEGEND:
 A 21" WIDE FIXED CHAIR
 B 22" WIDE FIXED CHAIR
 C 23" WIDE FIXED CHAIR
 D 24" WIDE FIXED CHAIR
 E 25" WIDE FIXED CHAIR WITH SWING ARM



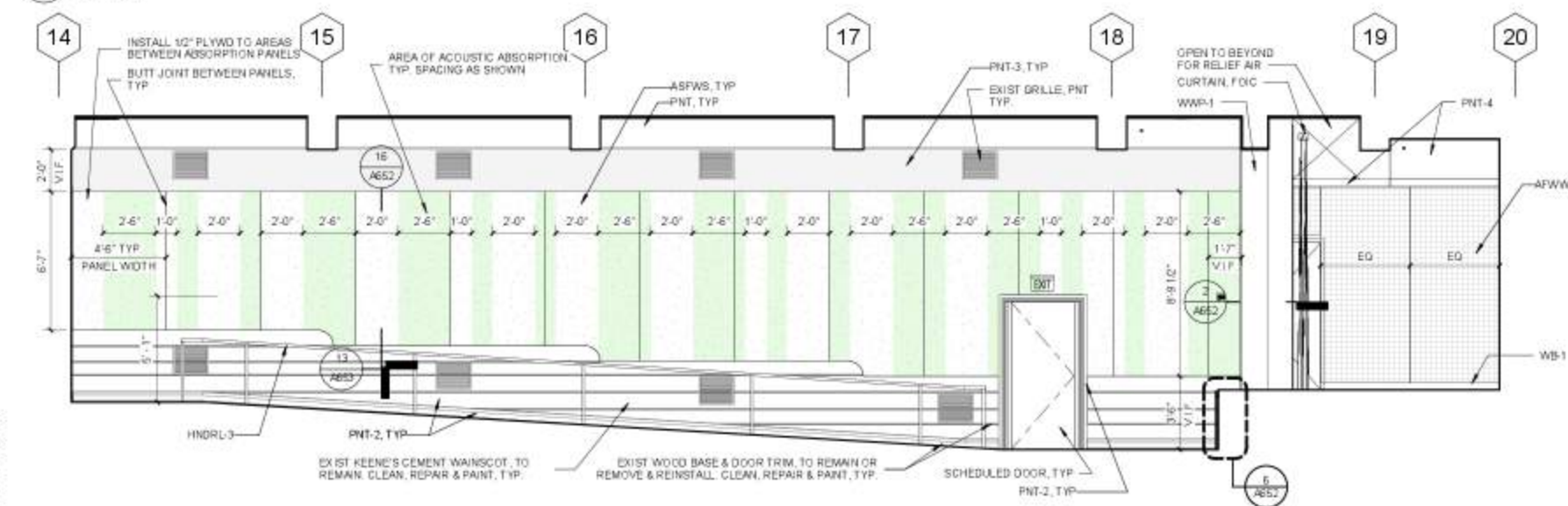
2 ENLARGED RCP - AUDITORIUM 215
1/4" = 1'-0"



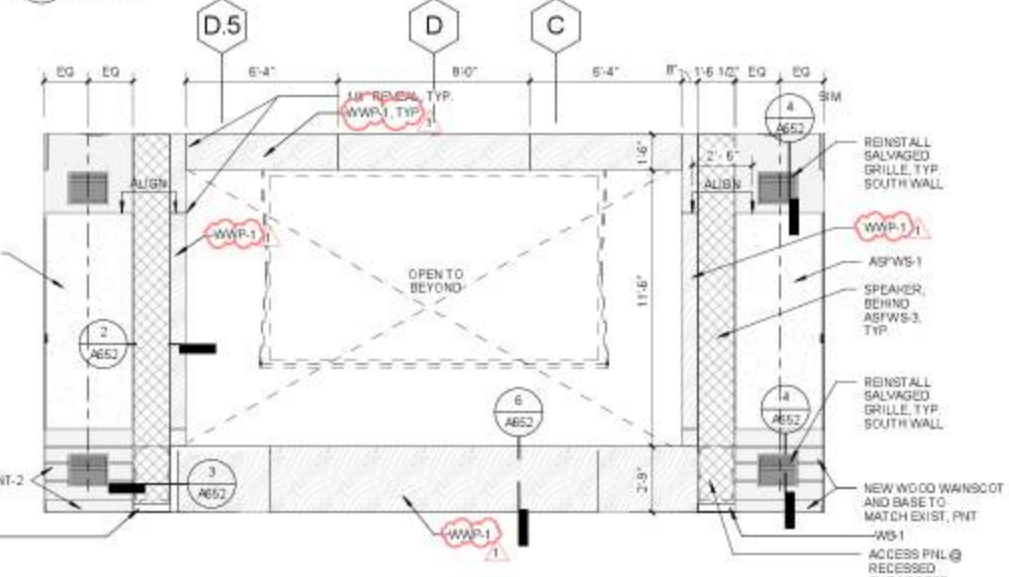
3 AUDITORIUM 215 - WEST
1/4" = 1'-0"



4 AUDITORIUM 215 - NORTH
1/4" = 1'-0"



5 AUDITORIUM 215 - EAST
1/4" = 1'-0"



6 AUDITORIUM 215 - SOUTH
1/4" = 1'-0"



Asian Art Museum Expansion & Renovation
 Volunteer Park / 1400 E Prospect / Seattle, WA 98112

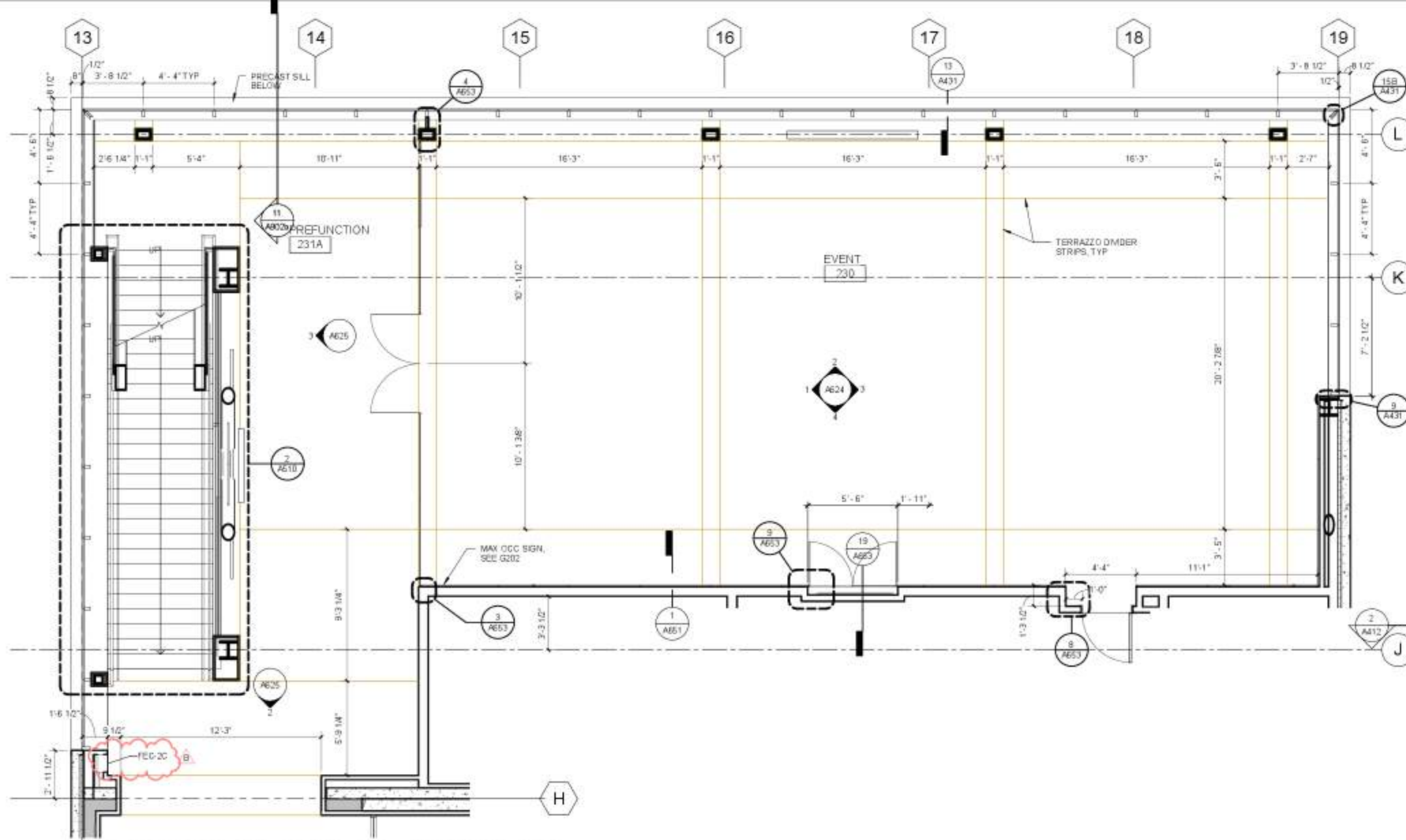
Submit

No.	Date	Description
1	7/12/17	ADDENDUM #1
2	9/1/17	PERMIT CORRECTIONS 1

Drawn: LMN
 Checked: LMN
 Author: LMN
 Date: 6/23/17

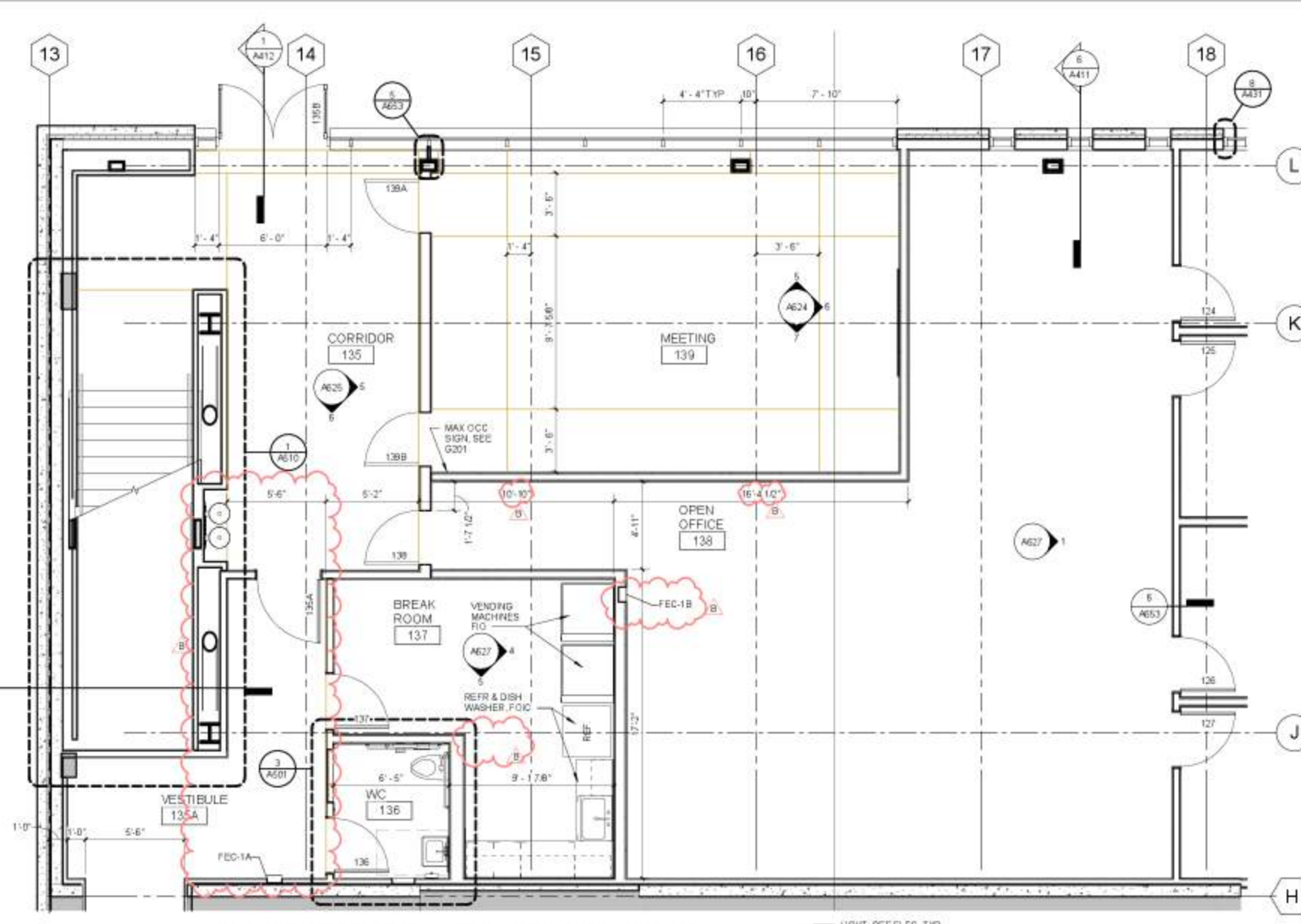
Enlarged Plans and Elevations - Auditorium

A505



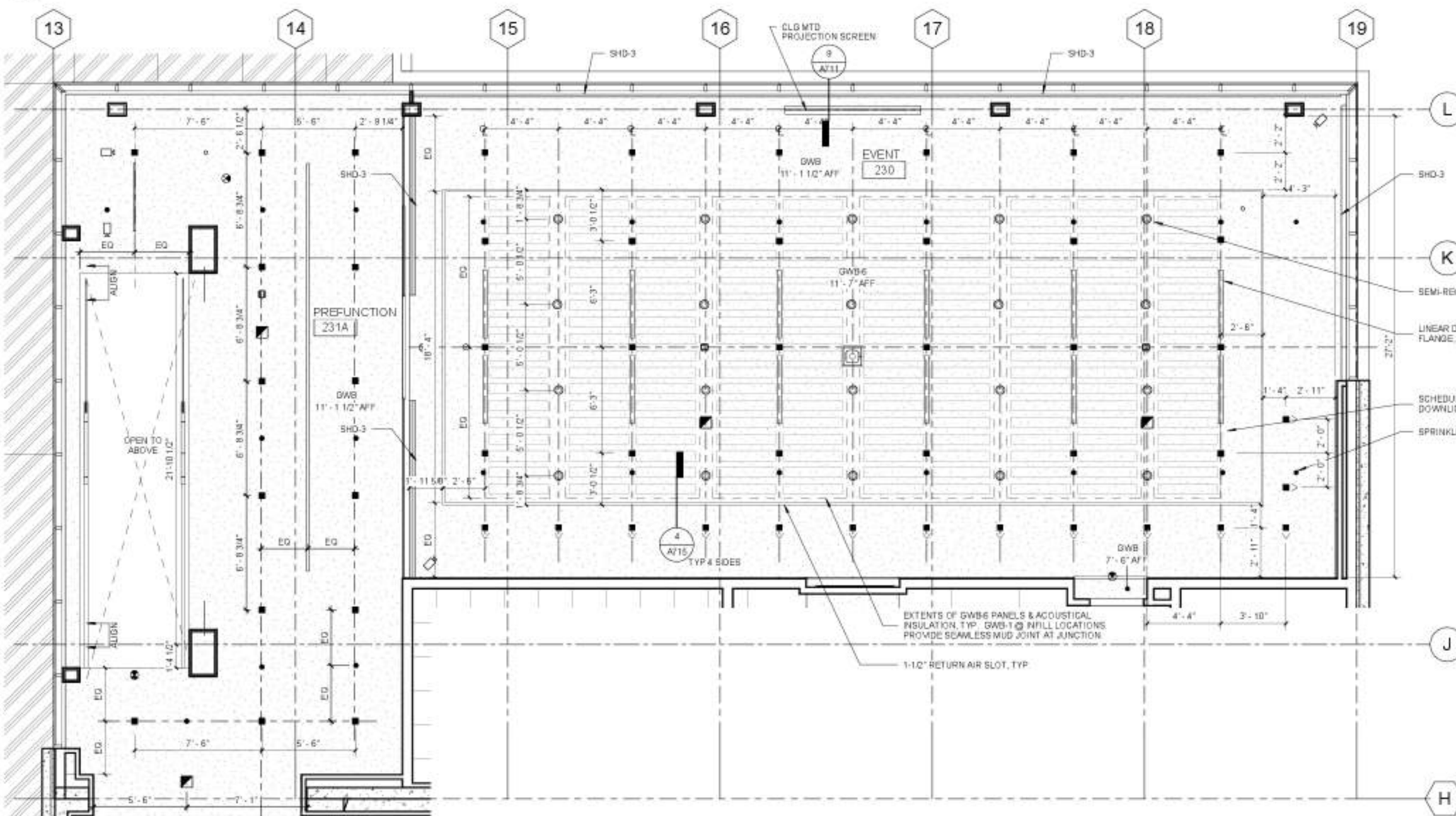
1 ENLARGED PLAN - EVENTS & PREFUNCTION

1/4" = 1'-0"



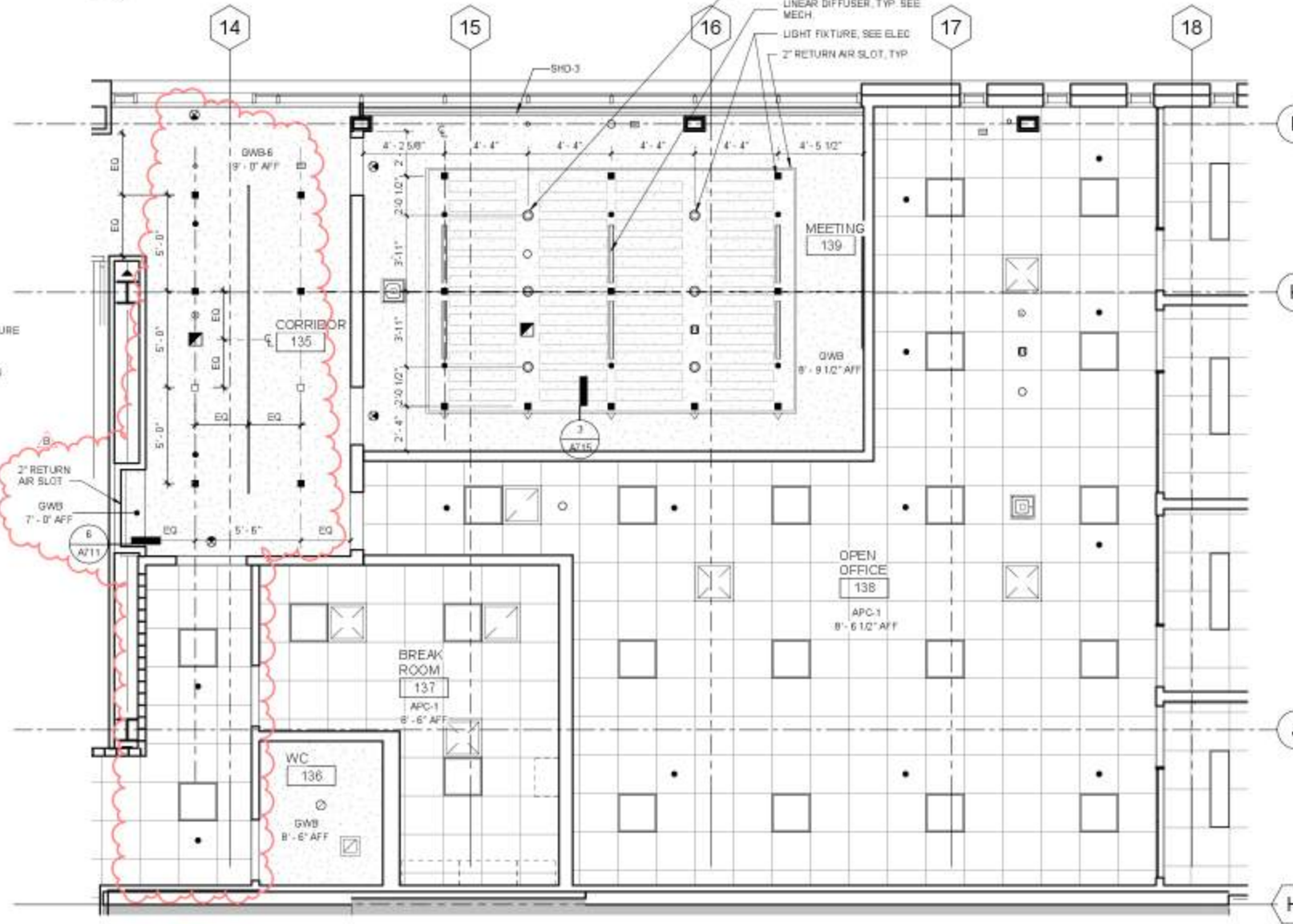
2 ENLARGED PLAN - MEETING AND OFFICE

1/4" = 1'-0"



3 ENLARGED RCP - EVENTS & PREFUNCTION

1/4" = 1'-0"



4 ENLARGED RCP - MEETING

1/4" = 1'-0"



Asian Art Museum Expansion & Renovation
Volunteer Park / 1400 E Prospect / Seattle, WA 98112

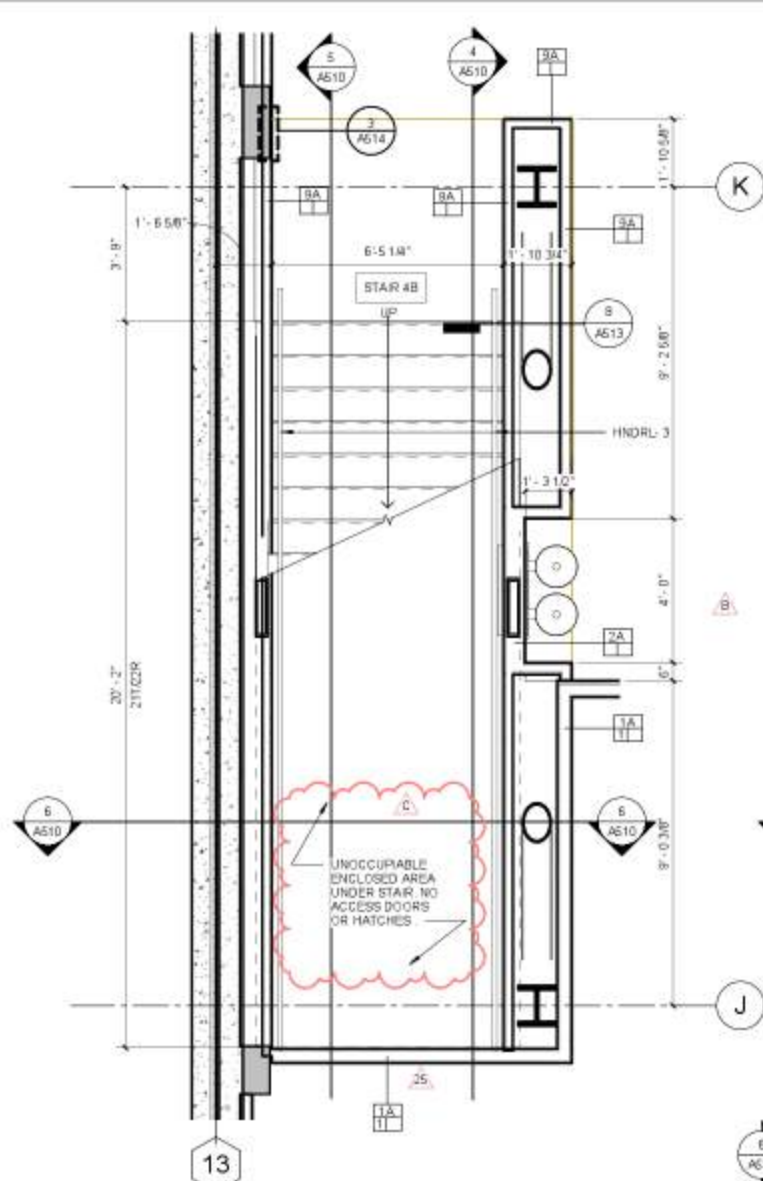
Construction Documents

Revisions	No.	Date	Description
	0	9/19/17	PERMIT CORRECTIONS 1

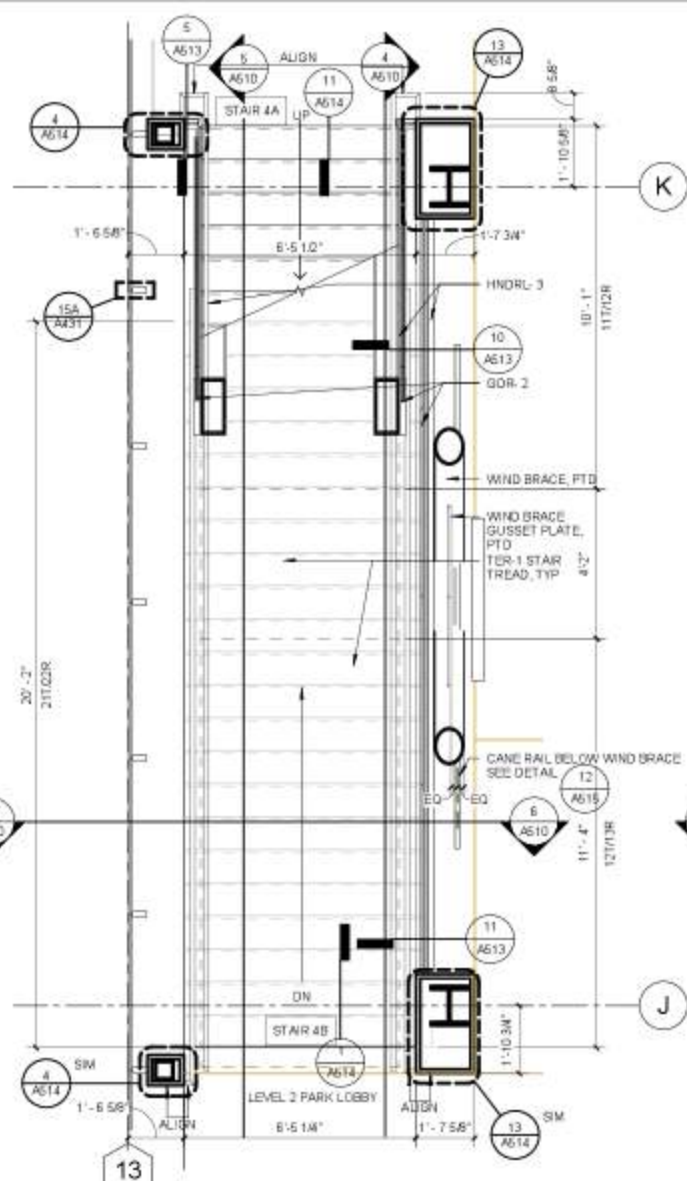
Drawn: LMM
Checked: LMM
Author: 1602.01
Date: 6/23/17

Enlarged Plans & RCP - Events & Meeting

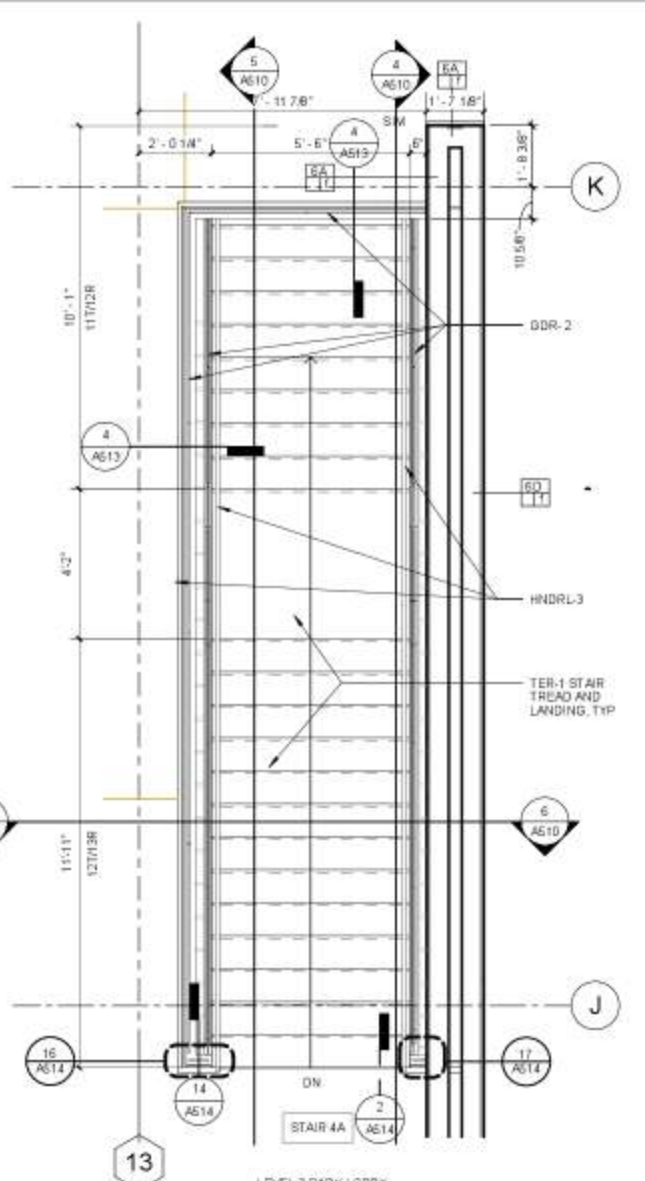
A506



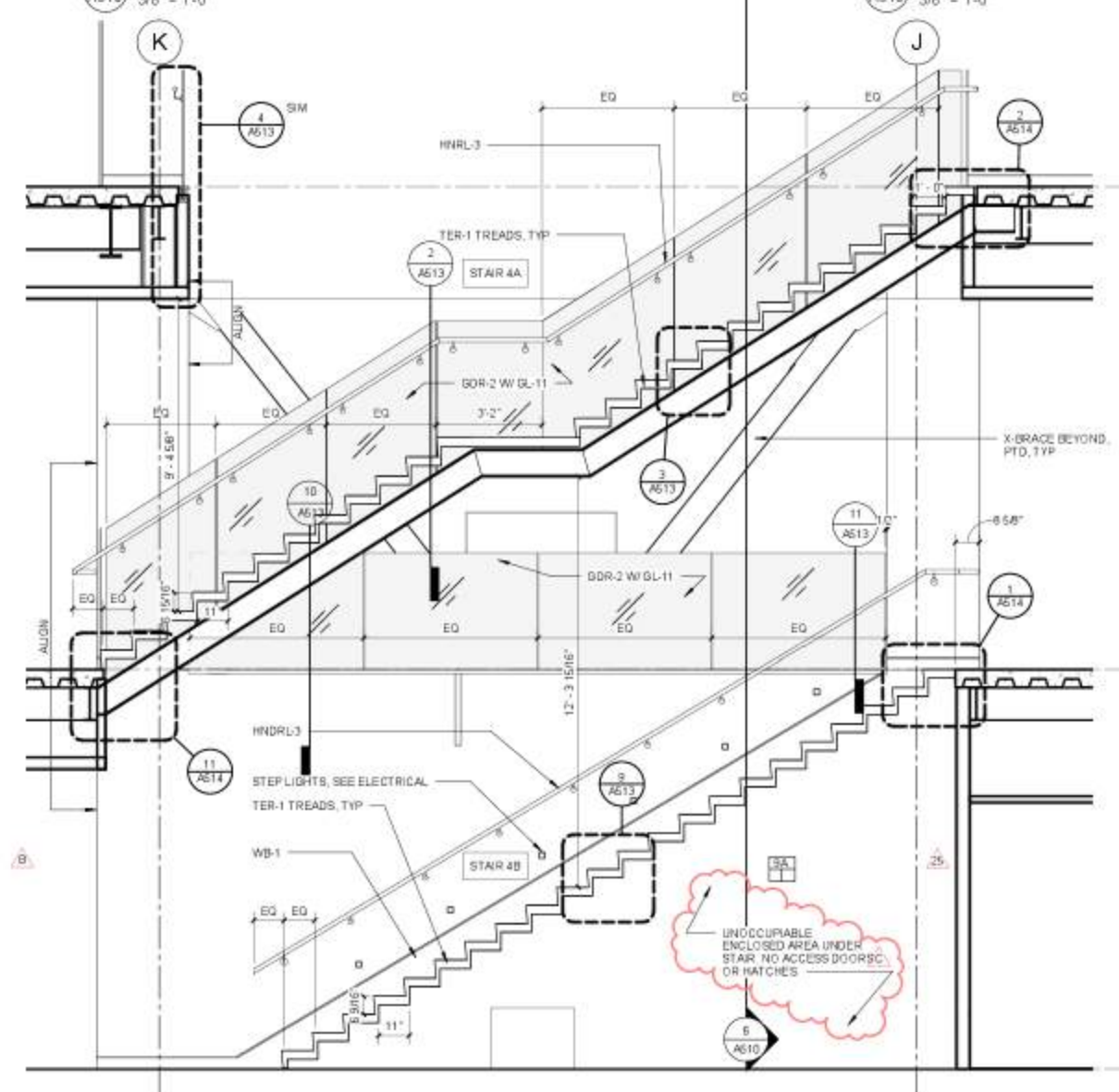
STAIR 4B - LEVEL 1 PLAN
3/8" = 1'-0"



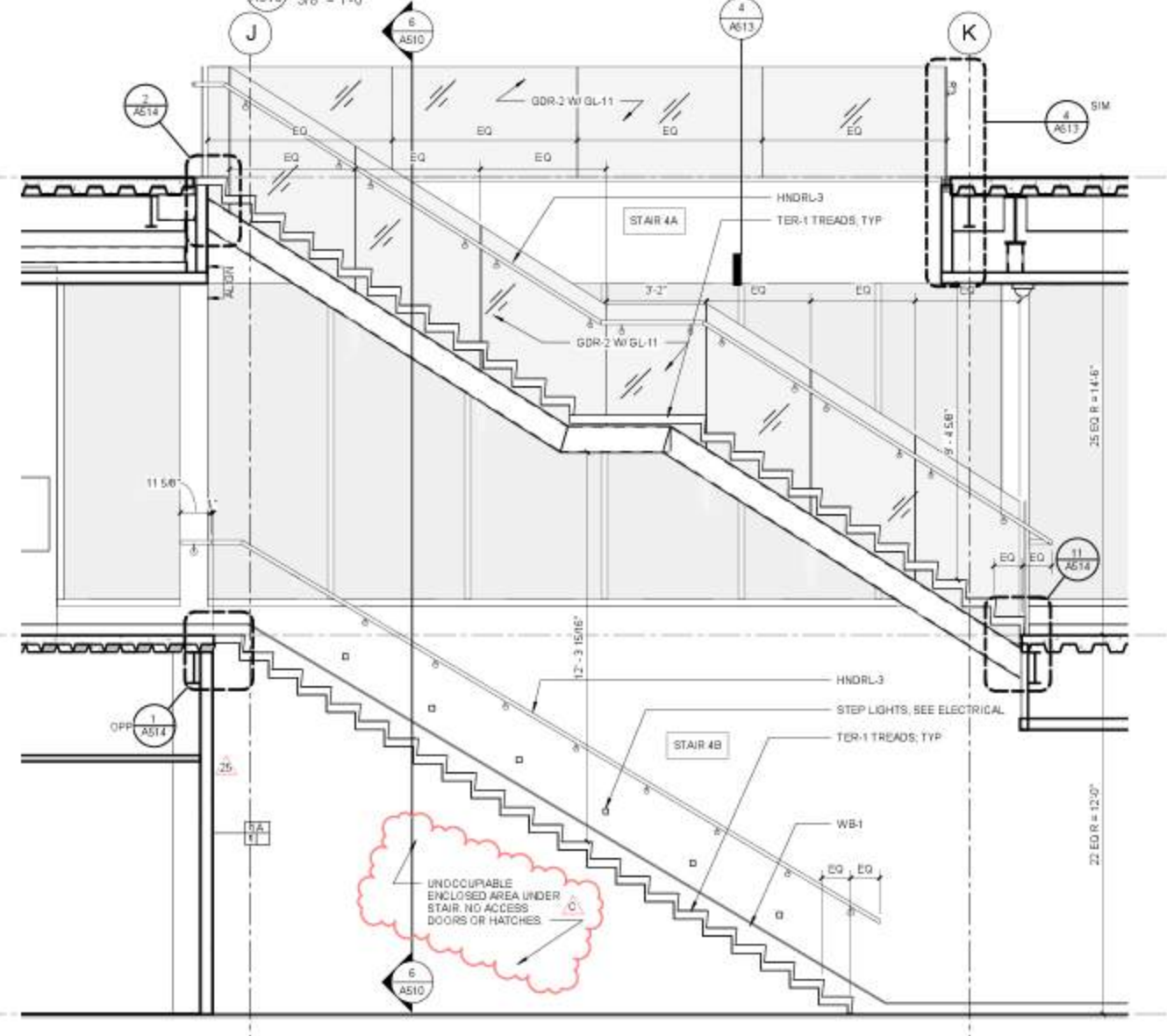
STAIR 4A/4B - LEVEL 2 PLAN
3/8" = 1'-0"



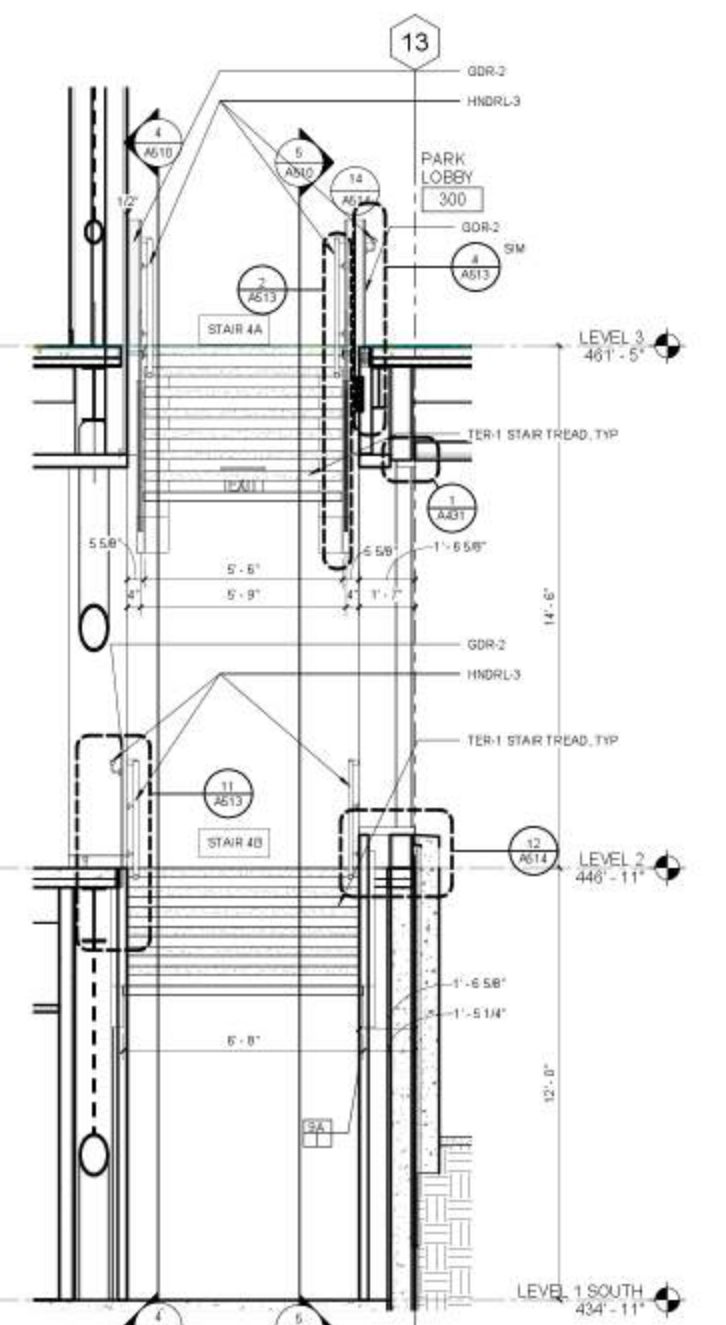
STAIR 4A - LEVEL 3 PLAN
3/8" = 1'-0"



STAIR 4A & 4B - SECTION LOOKING SOUTH
3/8" = 1'-0"



STAIR 4A & 4B - SECTION LOOKING NORTH
3/8" = 1'-0"



STAIR 4A/4B @ 13 LOOKING WEST
3/8" = 1'-0"

No.	Date	Description
0	9/19/17	PERMIT CORRECTIONS 1
C	10/23/17	PERMIT CORRECTIONS 2
25	10/11/17	ADDENDUM #25 (TERRAZZO STAIRS)

Sheet Title	Sheet Number
Enlarged Plans & Sections - Stairs	A510

Drawn: LMN Proj No
Checked: LMN Proj No
Author: 16028.01
Date: 6/23/17