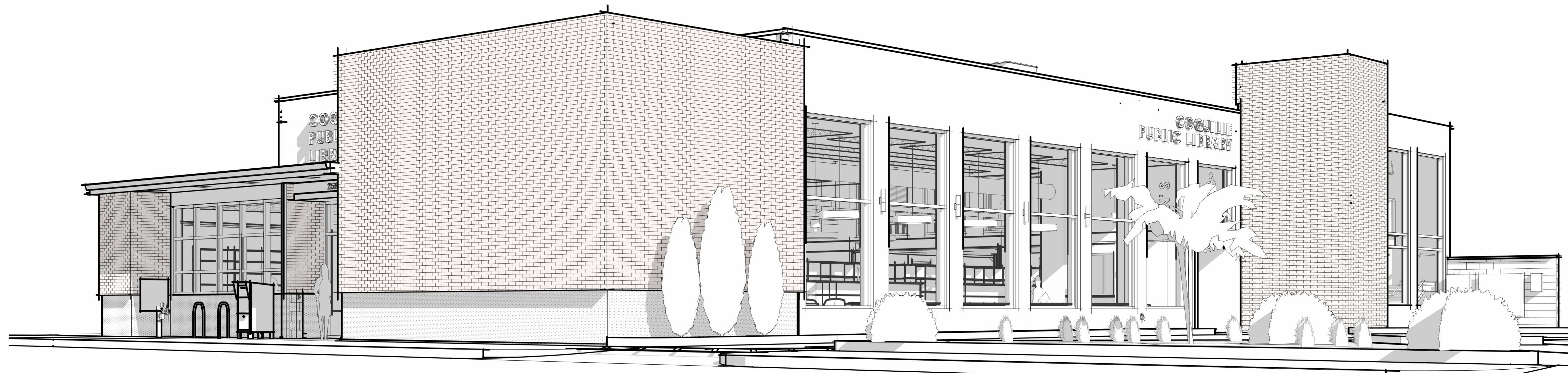
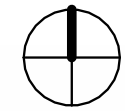




FIRE HYDRANT

PROJECT SITE

2 VICINITY MAP
1" = 100'-0"



1 PERSPECTIVE FROM NORTHEAST CORNER

PROJECT TEAM

OWNER/REP
COQUILLE LIBRARY
105 N BIRCH ST
COQUILLE, OR 97423
CONTACT: FORREST NEUERBURG

ARCHITECT
HGE ARCHITECTS, INC
333 S 4TH ST
COOS BAY, OR 97420
PHONE: (541) 269-1166
CONTACT: JOE SLACK

STRUCTURAL
DCI ENGINEERS
921 SW WASHINGTON ST, SUITE 560
PORTLAND, OR 97205
PHONE: (503) 242-2448
CONTACT: TODD YOUNG

MECHANICAL & PLUMBING
MFIA INC
2007 SE ASH ST
PORTLAND, OR 97214
PHONE: (503) 234-0548
CONTACT: TAKAKO BAKER

ELECTRICAL
DOUBLE E ENGINEERING, LLC
315 ASH ST
MYRTLE POINT, OR 97458
PHONE: (541) 294-0587
CONTACT: GREG PRIDE

PROJECT DESCRIPTION

WORK ON THIS PROJECT CONSISTS OF THE REMODEL OF AN EXISTING FORMER BANK BUILDING INTO THE COQUILLE PUBLIC LIBRARY. THE EXISTING BUILDING AREA OF 8,560 SF IS SCHEDULED FOR RENOVATION AND MINOR ALTERATIONS. AN ELEVATOR AND STAIR BUILDING ADDITION IS ALSO PART OF THE WORK, APPROXIMATELY 292 SF. FOR A TOTAL PROJECT AREA OF 8,852 SF. INTERIOR WORK INCLUDES DEMOLITION, VAULT DOOR REMOVAL, PARTITIONS, RESTROOM REPLACEMENT, INTERIOR FINISHES, CASEWORK, DOORS, ACOUSTICAL CEILINGS, FLOORING, ELEVATOR, FIRE SUPPRESSION SPRINKLER SYSTEM, PLUMBING, REPLACEMENT HVAC, AND REPLACEMENT OF ELECTRICAL SYSTEMS.

SHEET INDEX

GENERAL
G-000 COVER SHEET
G-001 CODE & LIFE SAFETY PLAN
G-002 TYPICAL ASSEMBLIES AND DETAILS
G-003 ARCHITECTURAL ABBREVIATIONS

ARCHITECTURE
A-101 SITE PLAN
A-201 FIRST FLOOR PLAN - DEMO
A-202 SECOND FLOOR PLAN - DEMO
A-210 FOUNDATION PLAN
A-211 FIRST FLOOR PLAN
A-212 SECOND FLOOR PLAN
A-213 ROOF PLAN
A-221 FIRST FLOOR REFLECTED CEILING PLAN
A-222 SECOND FLOOR REFLECTED CEILING PLAN
A-301 BUILDING SECTIONS
A-302 BUILDING SECTIONS
A-401 EXTERIOR ELEVATIONS
A-402 EXTERIOR ELEVATIONS
A-501 EXTERIOR DETAILS
A-502 EXTERIOR DETAILS
A-503 EXTERIOR DETAILS - STOREFRONT ENLARGED
A-504 DETAILS - STAIRS
A-505 INTERIOR DETAILS
A-506 INTERIOR DETAILS
A-510 CASEWORK DETAILS
A-601 INTERIOR ELEVATIONS
A-602 INTERIOR ELEVATIONS
A-603 INTERIOR ELEVATIONS
A-604 INTERIOR ELEVATIONS
A-701 SCHEDULES

STRUCTURAL
S-101 STRUCTURAL GENERAL NOTES, LEGEND, AND ABBREVIATIONS
S-102 STRUCTURAL GENERAL NOTES
S-103 STRUCTURAL GENERAL NOTES
S-104 STRUCTURAL SPECIAL INSPECTION
S-105 STRUCTURAL LIVE LOAD
S-211 STRUCTURAL FIRST FLOOR FOUNDATION / STUD & SHEAR WALL PLAN
S-212 STRUCTURAL SECOND FLOOR FRAMING PLAN
S-213 STRUCTURAL ROOF FRAMING PLAN
S-401 STRUCTURAL FOUNDATION DETAILS
S-402 STRUCTURAL FOUNDATION DETAILS
S-403 STRUCTURAL FOUNDATION
S-501 STRUCTURAL FRAMING DETAILS
S-502 STRUCTURAL FRAMING DETAILS
S-503 STRUCTURAL FRAMING DETAILS
S-504 STRUCTURAL FRAMING DETAILS

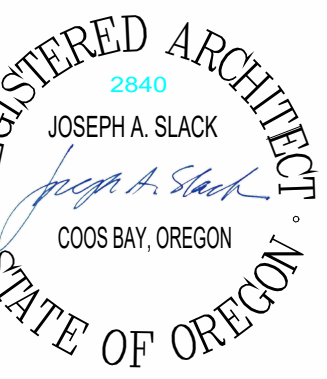
MECHANICAL
M-101 MECHANICAL DEMO FIRST FLOOR
M-102 MECHANICAL DEMO PLAN - SECOND FLOOR
M-201 MECHANICAL 1ST FLOOR PLAN
M-202 MECHANICAL 2ND FLOOR PLAN
M-203 MECHANICAL ROOF PLAN
M-600 MECHANICAL LEGEND SCHEDULES AND DETAILS
M-601 MECHANICAL DETAILS
M-602 MECHANICAL DETAILS
M-603 MECHANICAL VENTILATION SCHEDULE

PLUMBING
P-101 PLUMBING CRAWL SPACE DEMO
P-102 PLUMBING 1ST FLOOR DEMO
P-200 PLUMBING UNDERSLAB/TUNNEL PLAN
P-201 1ST FLOOR PLUMBING PLAN
P-202 2ND FLOOR PLUMBING PLAN
P-203 ROOF PLUMBING
P-600 PLUMBING LEGEND SCHEDULES AND DETAILS
P-601 PLUMBING LEGEND SCHEDULES AND DETAILS

ELECTRICAL
E1.0 ELECTRICAL SITE PLAN
E1.1 ELECTRICAL SCHEDULES
E1.2 DEMOLITION
E2.1 FIRST FLOOR LIGHTING DESIGN
E2.2 SECOND FLOOR LIGHTING PLAN
E3.0 FIRST FLOOR POWER PLAN
E3.1 FIRST FLOOR POWER PLAN
E3.2 SECOND FLOOR POWER PLAN

HGE
ARCHITECTS

333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com



PROJECT NO.: 22-37
COQUILLE PUBLIC LIBRARY BUILDING -
RENOVATION AND ADDITION
259 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
COVER SHEET

G-000

Copyright © 2023
HGE ARCHITECTS, INC.

CODE PLAN LEGEND:

ROOM NAME	150	1	1
RF OCC	150	1	1
OLF FUNCTION	150	1	1
OLF FUNCTION	150	1	1

50 OCCUPANT LOAD / EXIT TAG
 50 EXIT PATH & LOAD, FROM COLLECTOR
 50 EXIT PATH
 2 HR RATED WALL
 FIRE EXTINGUISHER - WALL MOUNTED
 FIRE EXTINGUISHER - CABINET
 WORK AREA (PER IBC)

DESCRIPTION OF WORK SUMMARY

ADAPTIVE REUSE OF A B OCCUPANCY (BANK) TO A PUBLIC LIBRARY. A-3. THE PRIMARY STRUCTURE IS EXTERIOR CONCRETE WALLS WHICH SUPPORT FLAT PARALLEL CORD TRUSSES (PRATT) CONSTRUCTED OF STEEL ANGLES. THE WORK INCLUDES:
 - LIMITED STRUCTURAL MODIFICATIONS, REPLACING THE SINGLE-GLAZED WINDOWS.
 - REPLACING THE MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS IN THEIR ENTIRETY, UNLESS OTHERWISE NOTED.
 - REPLACING THE ROOFING AND ADDING CONTINUOUS INSULATION
 - ELEVATOR AND STAIR ADDITION

DEFERRED SUBMITTALS:

- SPRINKLER AND FIRE ALARM

CODE REVIEW SUMMARY

APPLICABLE CODES:
 2022 OREGON STRUCTURAL SPECIALTY CODE
 2018 INTERNATIONAL EXISTING BUILDING CODE

SECTION 303.4:
 EXISTING OCCUPANCY: B
 NEW OCCUPANCY: A-3 - LIBRARIES

TABLE 504.3:
 BUILDING HEIGHT ABOVE GRADE
 ALLOWABLE: 55'
 ACTUAL: 23'-6"

TABLE 504.4:
 STORIES ABOVE GRADE
 ALLOWABLE: 2
 ACTUAL: 2

TABLE 506.2:
 AREA
 ALLOWABLE: 9,500 SF
 ACTUAL: 8,554 SF

1ST STORY 6,029 SF
 2ND STORY 2,525 SF

TABLE 601:
 EXISTING BUILDING CONSTRUCTION TYPE: III - B 2 HR EX. BEARING WALLS
 ADDITION BUILDING CONSTRUCTION TYPE: IV - B SPRINKLERED

TABLE 705.5:
 FIRE SEPARATION DISTANCE: < 5 FT, OCCUPANCY GROUP A = 1-HOUR
 30" PARAPET REQUIRED (706.6)

SECTION 706.6:
 VERTICAL CONTINUITY: 30" PARAPET NOT REQUIRED PER EXCEPTION 4

SECTION 713.4:
 SHAFT ENCLOSURE, < 4 STORIES: 1 HR

SECTION 901.6.1:
 AUTOMATIC SPRINKLER SYSTEMS MONITORED BY APPROVED SUPERVISING STATION PER NFPA 72

SECTION 903.2.1.3:
 AUTOMATIC SPRINKLER SYSTEM REQUIRED FOR GROUP A-3, PER ITEM 3:
 OCCUPANCY IS ON A FLOOR OTHER THAN A LEVEL OF EXIT DISCHARGE

SECTION 903.3.1.1:
 SPRINKLERS SHOULD BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13

TABLE 1006.2.1:
 TRAVEL DISTANCE MAX, OCCUPANCY A, MAX OCCUPANT LOAD: 49
 = TWO EXITS PROVIDED

SECTION 1019.3:
 EXIT ACCESS STAIRWAYS ENCLOSURE NOT REQUIRED PER 1019.3.1

TABLE 1020.1:
 OCCUPANCY A - CORRIDOR WITH 1 HR. FIRE RATING IF OCCUPANT LOAD > 30,
 IF NOT SPRINKLERED,
 CORRIDOR 0 HR. FIRE RATING IF BUILDING IS SPRINKLERED

INTERNATIONAL EXISTING BUILDING CODE 2021, SECTIONS LISTED BELOW

WORK AREA AS DEFINED IN IBC:
 1ST FLOOR TOTAL: 1,795 SF
 2ND FLOOR TOTAL: 517 SF
 TOTAL: 2,312 SF

SECTION 803:
 WORK AREA PERCENTAGE OF BUILDING:
 27% < 50% = ALTERATION LEVEL 2

CHAPTER 8: ALTERATIONS - LEVEL 2

SECTION 801.4: ALL NEW WORK WILL COMPLY WITH THE IBC. EXCEPTIONS:
 1. NEW WINDOWS NOT REQUIRED TO COMPLY WITH LIGHT AND VENTILATION

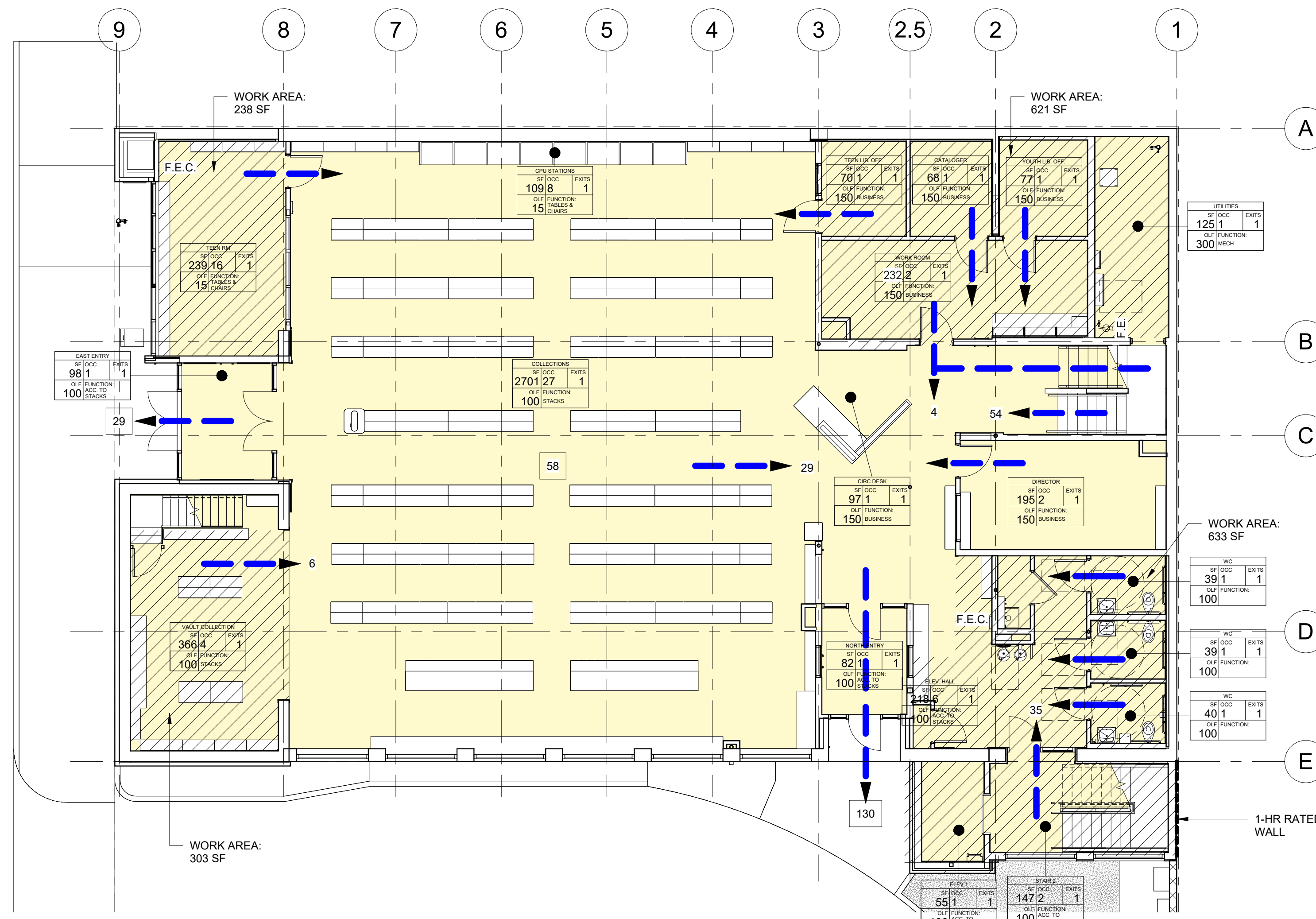
SECTION 802.1: STAIRS & CORRIDORS
 EXISTING VERTICAL OPENINGS SHALL BE ENCLOSED WITH FIRE RESISTANCE RATING OF 1-HOUR UNLESS:
 EXCEPTION 1 - NOT REQUIRED BY IBC:
 - APPROVED AUTOMATIC FIRE DETECTION SYSTEM PER IBC AND NFPA 72.

SECTION 804.5.4: PANIC HARDWARE
 WORK AREA'S EXIT DISCHARGE, IN GROUP A ASSEMBLY OCCUPANCIES, WITH AN OCCUPANT LOAD GREATER THAN 100, EXIT DOORS SHALL BE EQUIPPED WITH APPROVED PANIC OR FIRE EXIT HARDWARE PER IBC SECTION 1010.2.9.

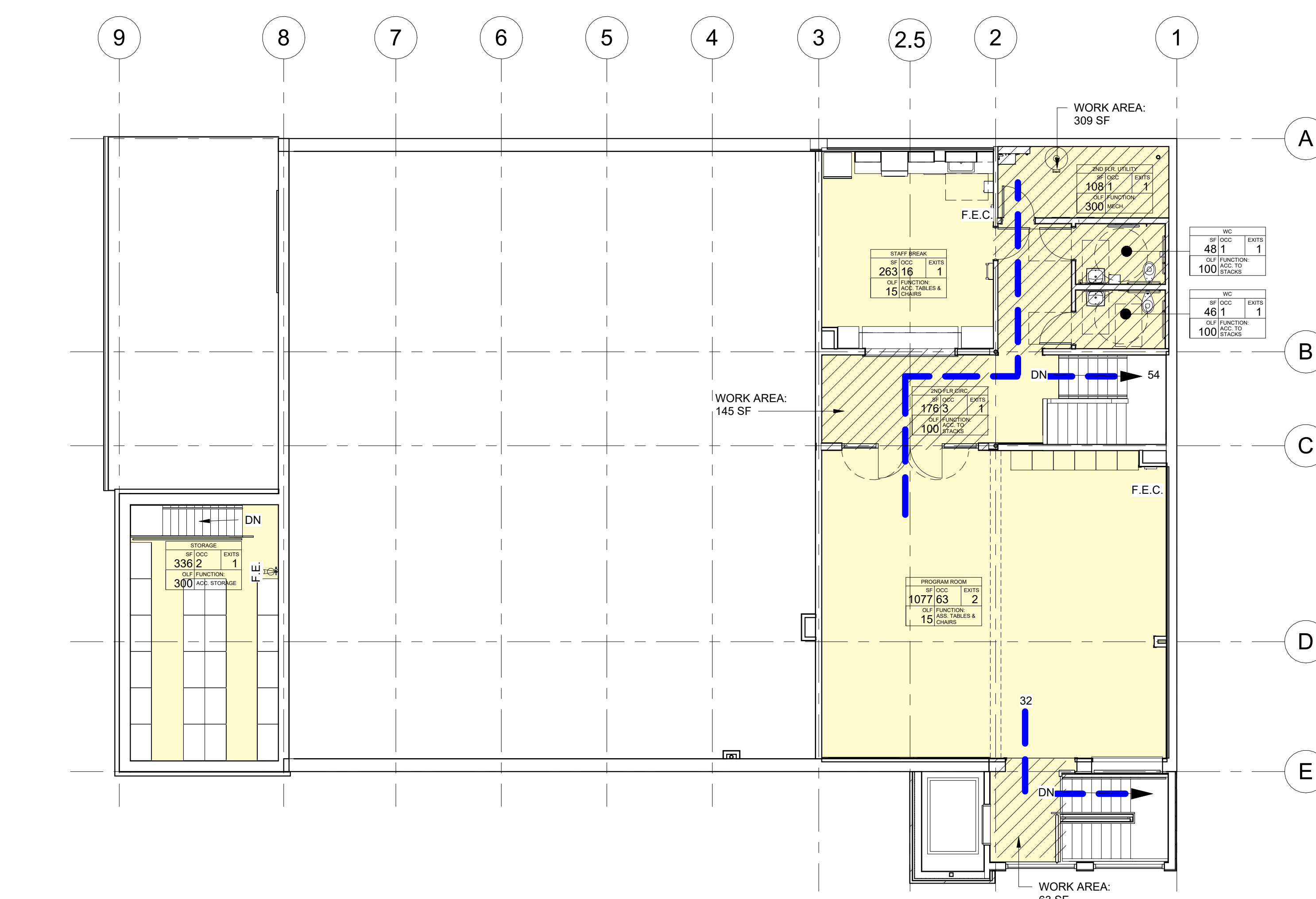
SECTION 804.10: HANDRAILS
 EXISTING EXIT STAIRWAY IN WORK AREA'S MUST HAVE ONE EXISTING HANDRAIL

SECTION 804.12: GUARDS
 EXISTING STAIRS AND BALCONIES IN WORK AREA'S MUST HAVE EXISTING GUARDS.

SECTION 809.1: ENERGY CONSERVATION - MINIMUM REQUIREMENTS
 LEVEL 2 ALTERATIONS TO EXISTING BUILDINGS ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE INTERNATIONAL ENERGY CONSERVATION CODE. ALTERATIONS SHALL CONFORM TO THE INTERNATIONAL ENERGY CONSERVATION CODE AS THEY RELATE TO NEW CONSTRUCTION ONLY.



1 FIRST FLOOR PLAN - FIRE LIFE SAFETY
1/8" = 1'-0"



2 SECOND FLOOR PLAN - FIRE LIFE SAFETY
1/8" = 1'-0"

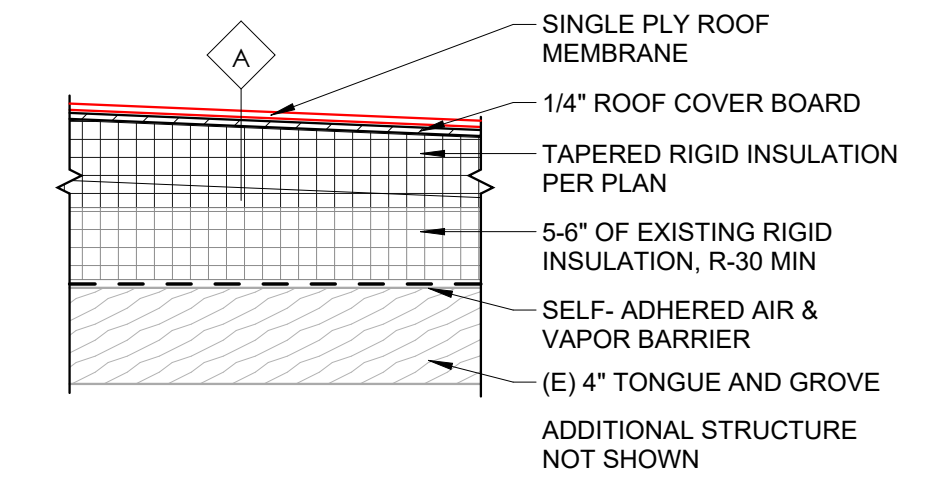
OCCUPANT LOAD SCHEDULE

NO.	NAME	AREA	OCC.	OLF
1	EAST ENTRY	98 SF	1	100
2	COLLECTIONS	2701 SF	27	100
3	CPU STATIONS	109 SF	8	15
4	TEEN RM	239 SF	16	15
4.1	UTILITY CLOS.	7 SF		
6	VAULT COLLECTION	366 SF	4	100
7	CIRC DESK	97 SF	1	150
8	CIRC.	323 SF		
8.1	ELEV. HALL	218 SF	6	100
9	WORK ROOM	143 SF	2	150
9.1	CATALOGER	68 SF	1	150
9.2	YOUTH LIB. OFF.	77 SF	1	150
10	TEEN LIB. OFF.	70 SF	1	150
11	DIRECTOR	195 SF	2	150
12	WC	39 SF	1	100
13	WC	39 SF	1	100
14	WC	40 SF	1	100
15	NORTH ENTRY	82 SF	1	100
16	MOP CLOS.	21 SF		
17	ELEV. CONTROL CLOSET	7 SF		
20	STORAGE	336 SF	2	300
21	STAFF BREAK	263 SF	16	15
22	2ND FLR CIRC.	176 SF	3	100
22.1	2ND FLR CIRC	84 SF		
23	WC	46 SF	1	100
24	WC	48 SF	1	100
25	2ND FLR. UTILITY	108 SF	1	300
26	PROGRAM ROOM	1077 SF	63	15
B1	UTILITY	131 SF	1	300
B1	UTILITIES	125 SF	1	300
B2	STOR	20 SF		
E1	ELEV 1	55 SF	1	100
S1	STAIR 1	41 SF	1	100
S2	STAIR 2	147 SF	2	100

LIBRARY TOTAL OCCUPANCY	167	165.0
	Divided in half	82.5

PLUMBING FIXTURE LOAD / COUNT			
REQUIRED PLUMBING FIXTURES:	OCCUPANTS	LOAD FACTOR *	TOTAL UNITS
Female	83	65	1.3 Toilets
Male	83	125	0.7 Toilets
		TOTAL REQUIRED	1.9
Female	83	200	0.4 Laves
Male	83	200	0.4 Laves
		TOTAL REQUIRED	0.8
Drinking Fountains - 1 per floor	2	1	2.0 DF
		TOTAL REQUIRED	2.0

PROPOSED				
	Lavs	Urinals	Toilets	NOTES
Single Occupancy WC on the First Floor	3		3	
Single Occupancy WC on the Second Floor	2		2	
		TOTAL PROVIDED	5	
Drinking Fountains - 1 per floor				2 total



A TYPICAL ROOF
FIRE: NA STC: NA ASSEMBLY: NA

6 TYPICAL ROOF
1 1/2" = 1'-0"

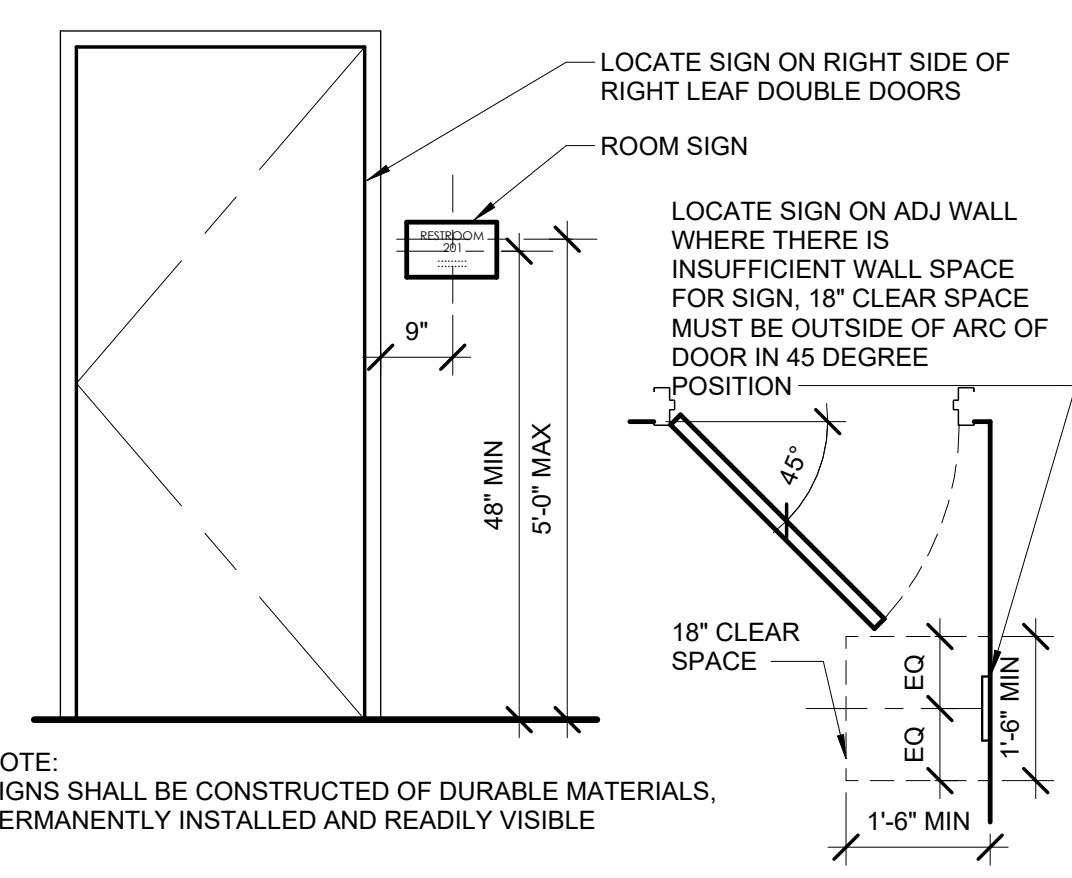
GA FILE NO. WP 8105	GENERIC	1 HOUR FIRE
---------------------	---------	-------------

GYPSON WALLBOARD, GYPSON SHEATHING, WOOD STUDS

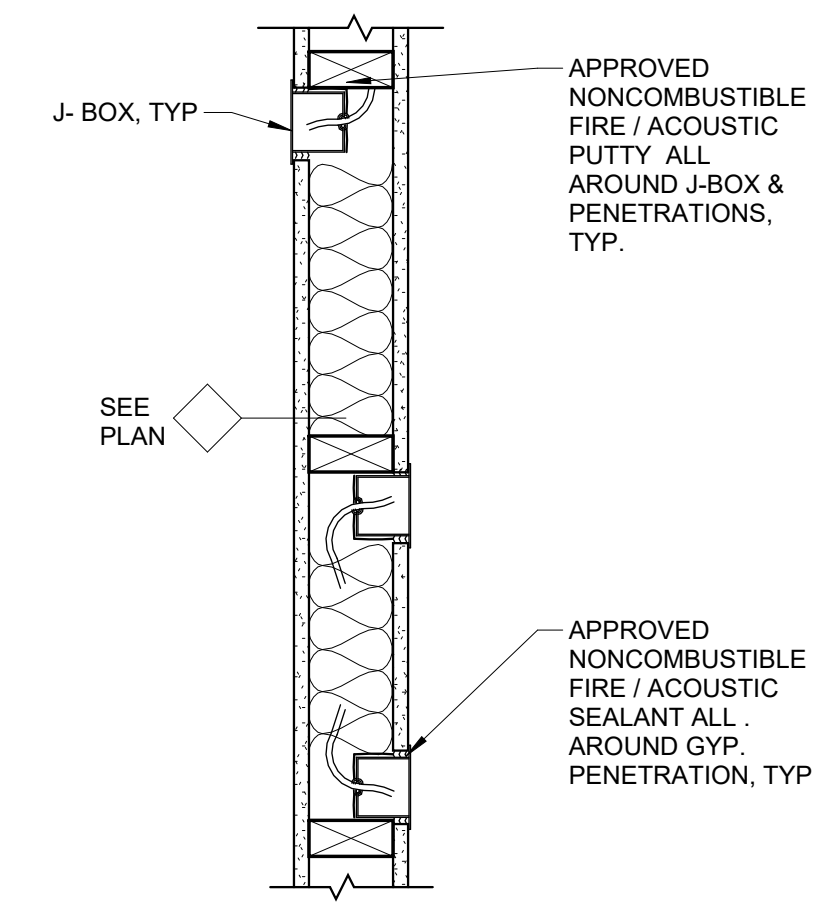
Fire Design:
EXTERIOR SIDE: One layer 48" wide 5/8" type X gypsum sheathing applied parallel to 2 x 4 wood studs 24" o.c. with 1-3/4" galvanized roofing nails 4" o.c. at vertical joints and 7" o.c. at intermediate studs and top and bottom plates. Joints of gypsum sheathing may be left untreated. Exterior cladding to be attached through sheathing to studs.
INTERIOR SIDE: One layer 5/8" type X gypsum wallboard, water-resistant gypsum backing board, or gypsum veneer base applied parallel or at right angles to studs with 6d coated nails, 1-7/8" long, 0.0915" shank, 1/4" heads, 7" o.c. (LOAD-BEARING)

Thickness: Varies (Fire)
Approx. Weight: 7 psf (Fire)
Fire Test: See WP 3510
(UL R591-47, -48, 9-17-65, UL Design U309; UL R1319-129, 7-22-70, UL Design U314)

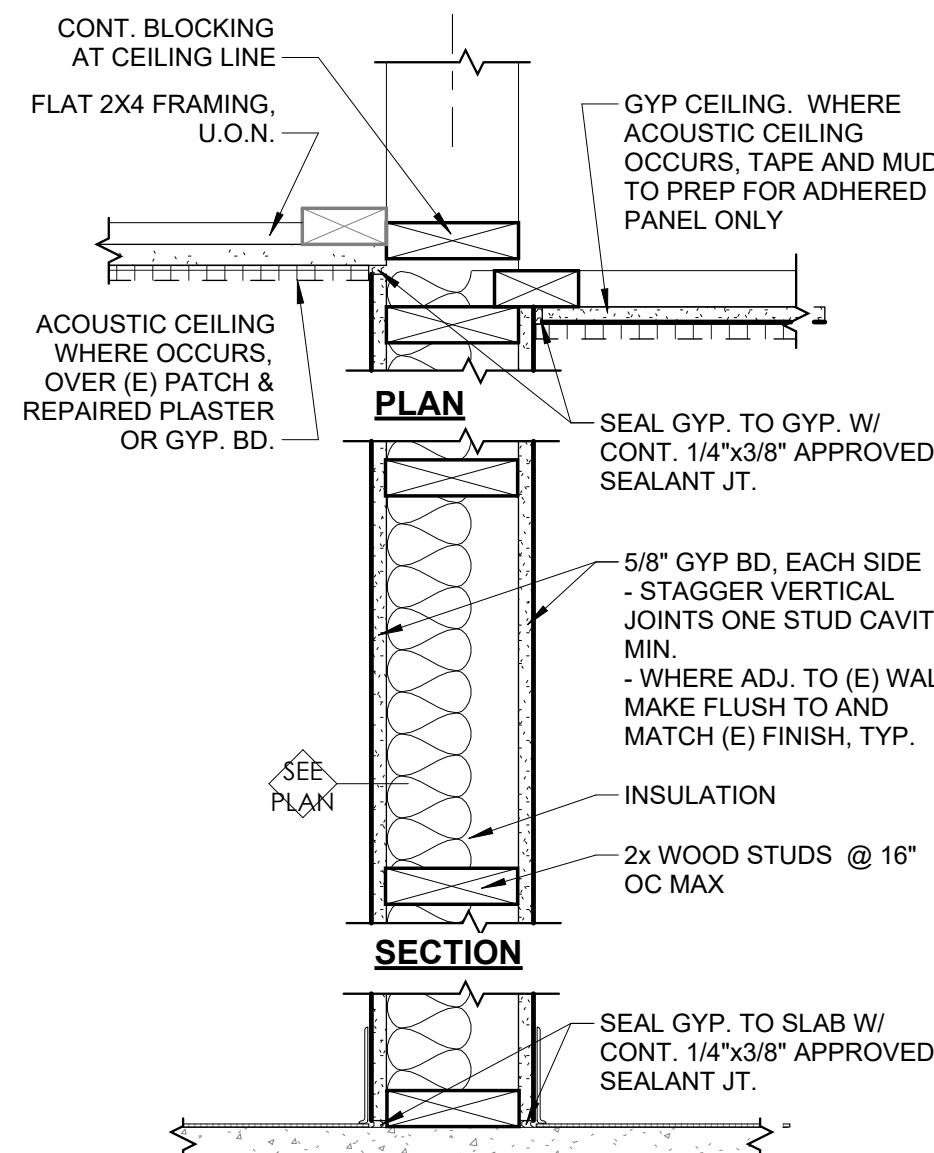
5 1 HOUR WALL - SEE TYP. WALL DETAILS FOR ADDITIONAL NOTES
1 1/2" = 1'-0"



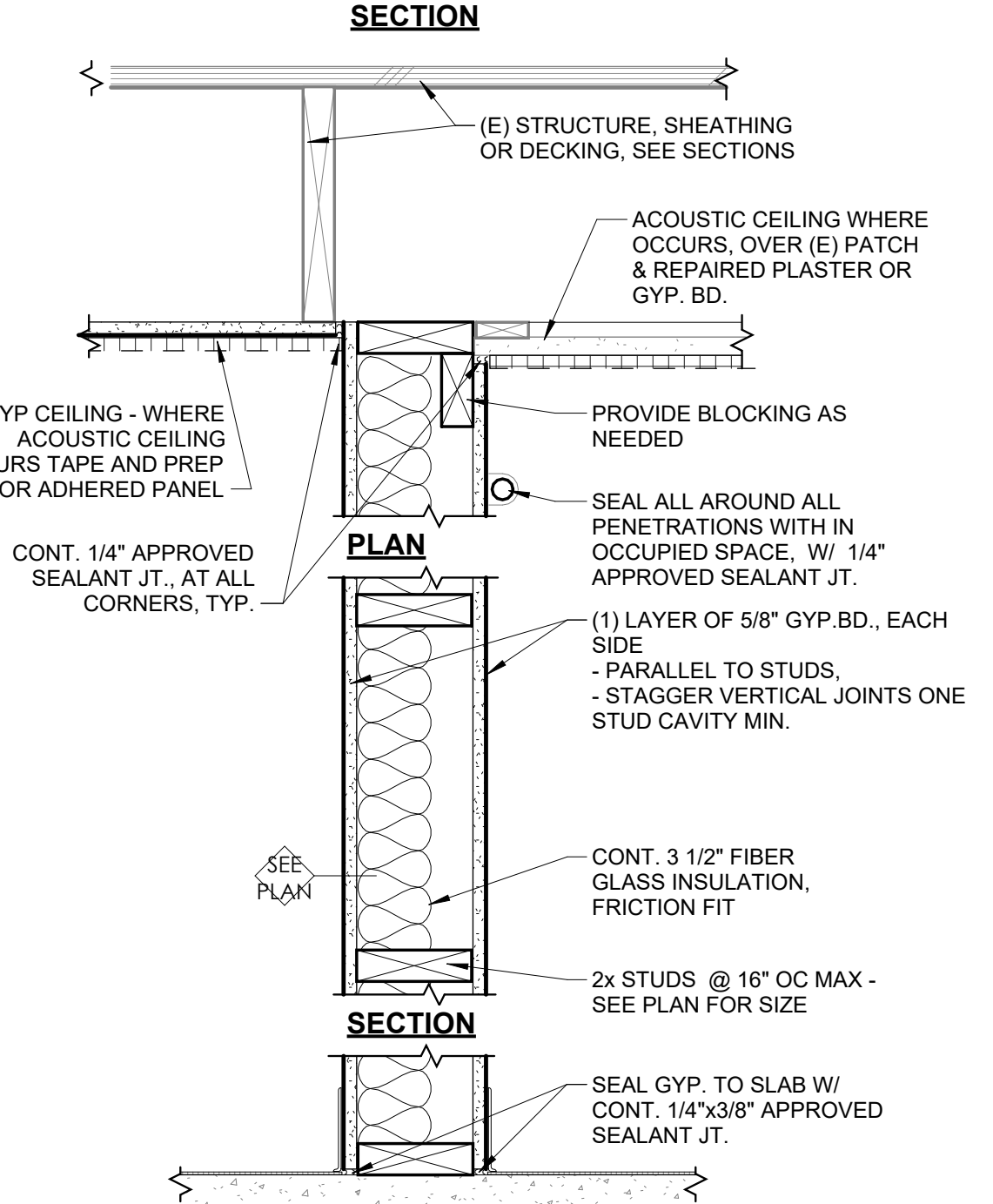
4 SIGNAGE
1/2" = 1'-0"



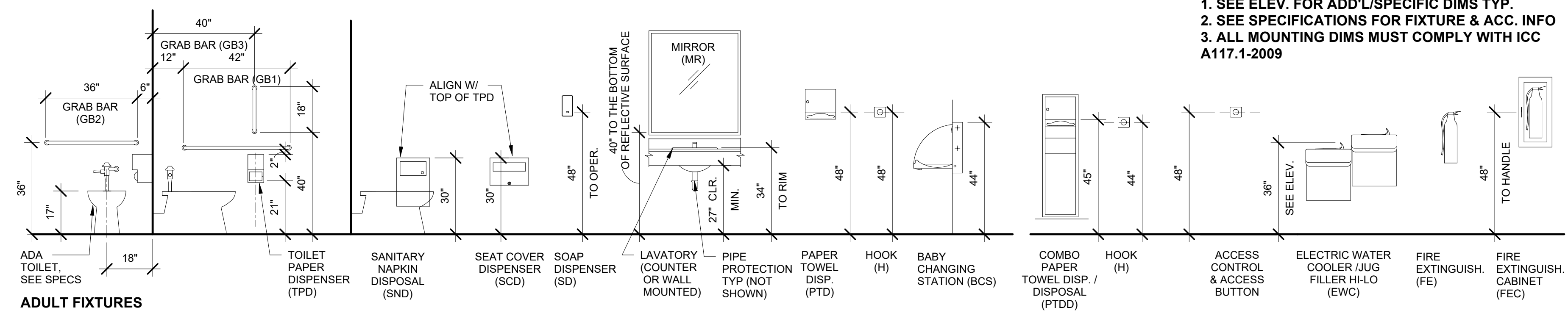
3 INT. WALL PENETRATIONS
1 1/2" = 1'-0"



2 TYP. WALL DETAILS (TYPE A)
1 1/2" = 1'-0"
- TO CEILING. FURRING SIM.

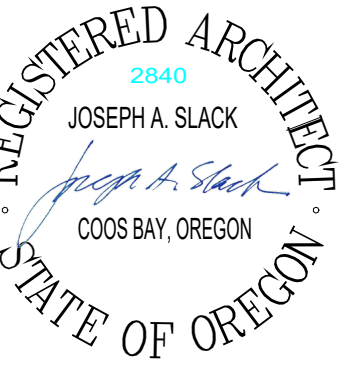


1 TYP. WALL DETAILS (TYPE A.1)
1 1/2" = 1'-0"
- TO STRUCTURE. FURRING SIM.



FIXTURE AND ACCESSORY MOUNTING HEIGHTS
3/8" = 1'-0"

ADA FIXTURE & ACCESSORY MOUNTING DIAGRAMS NOTES:
1. SEE ELEV. FOR ADD'L/SPECIFIC DIMS TYP.
2. SEE SPECIFICATIONS FOR FIXTURE & ACC. INFO
3. ALL MOUNTING DIMS MUST COMPLY WITH ICC A117.1-2009



PROJECT NO.: 22-37
COQUILLE PUBLIC LIBRARY BUILDING - RENOVATION AND ADDITION
259 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

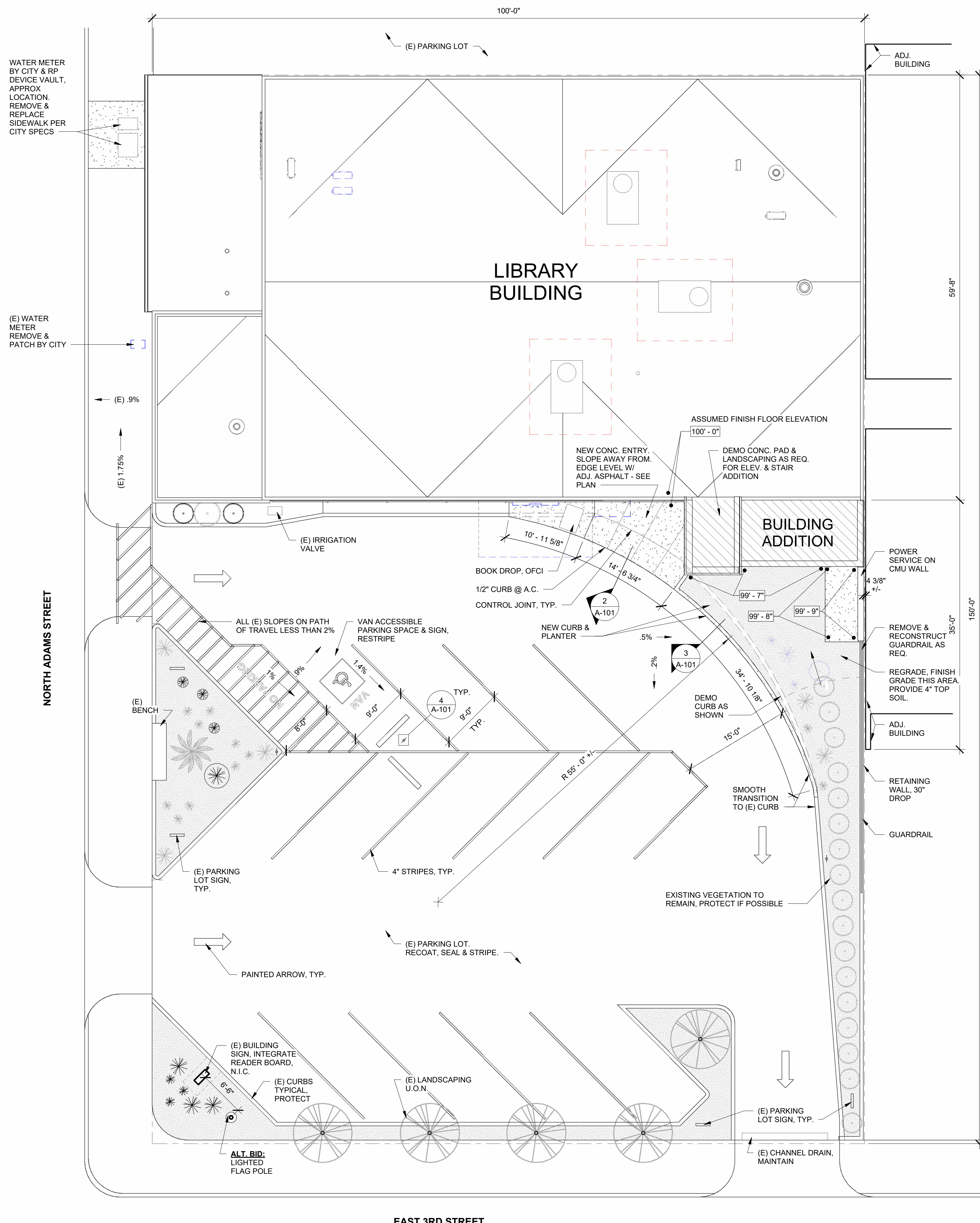
REVISIONS:

#	DATE	DESCRIPTION

DATE: JULY 2023

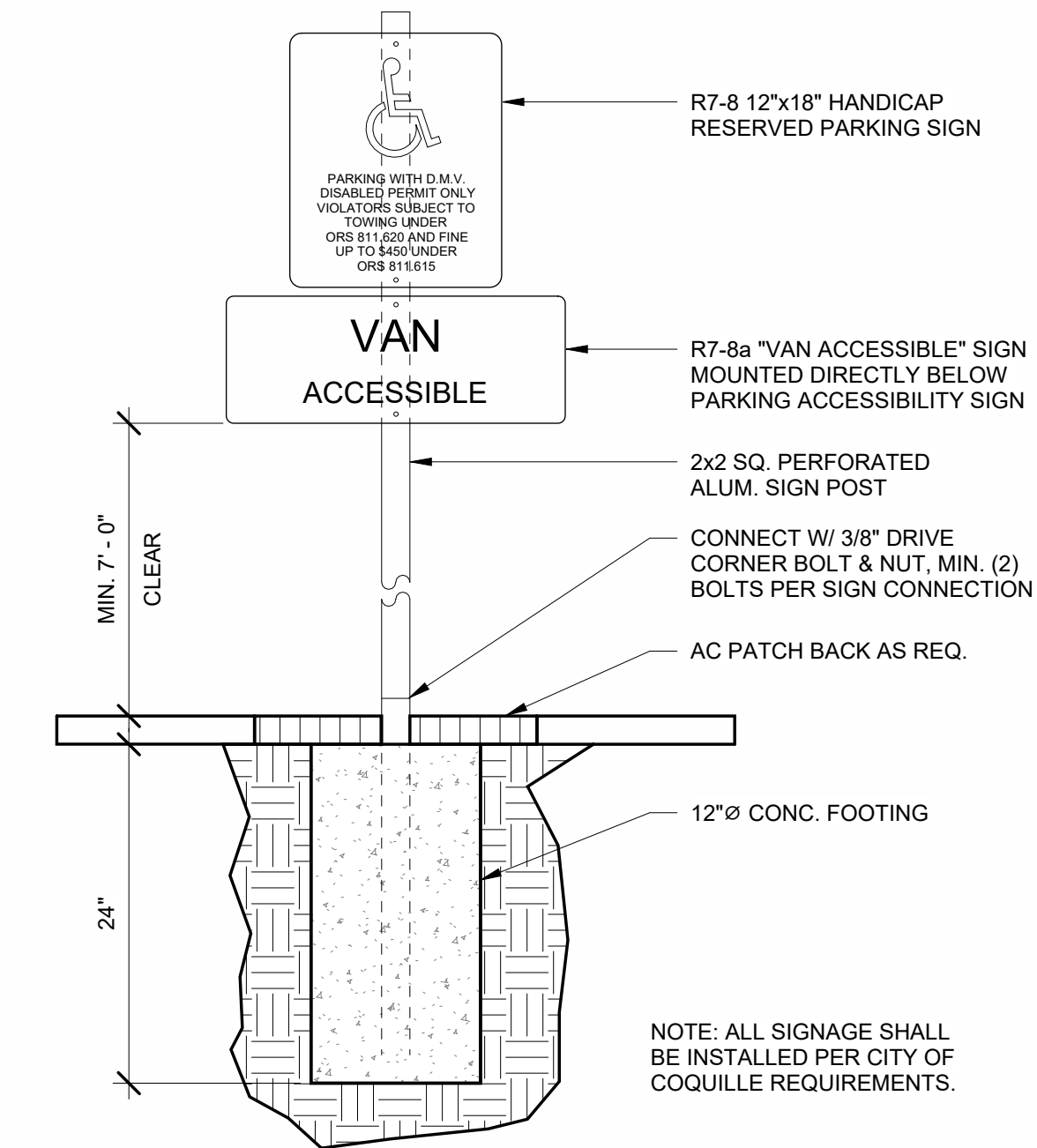
SHEET TITLE:
TYPICAL ASSEMBLIES AND DETAILS

G-002

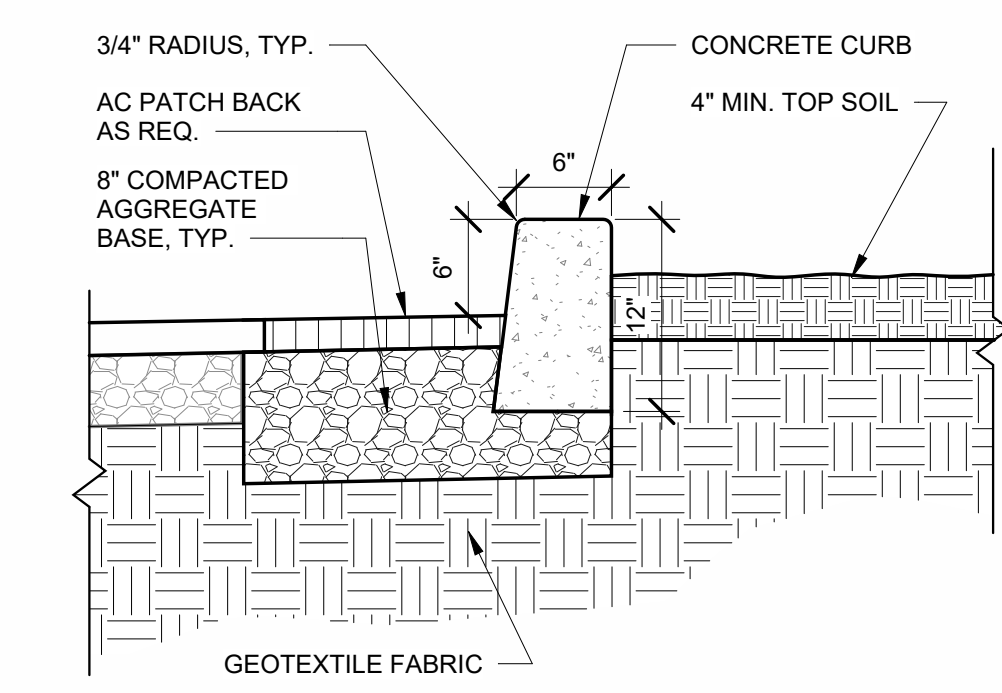


GENERAL NOTES

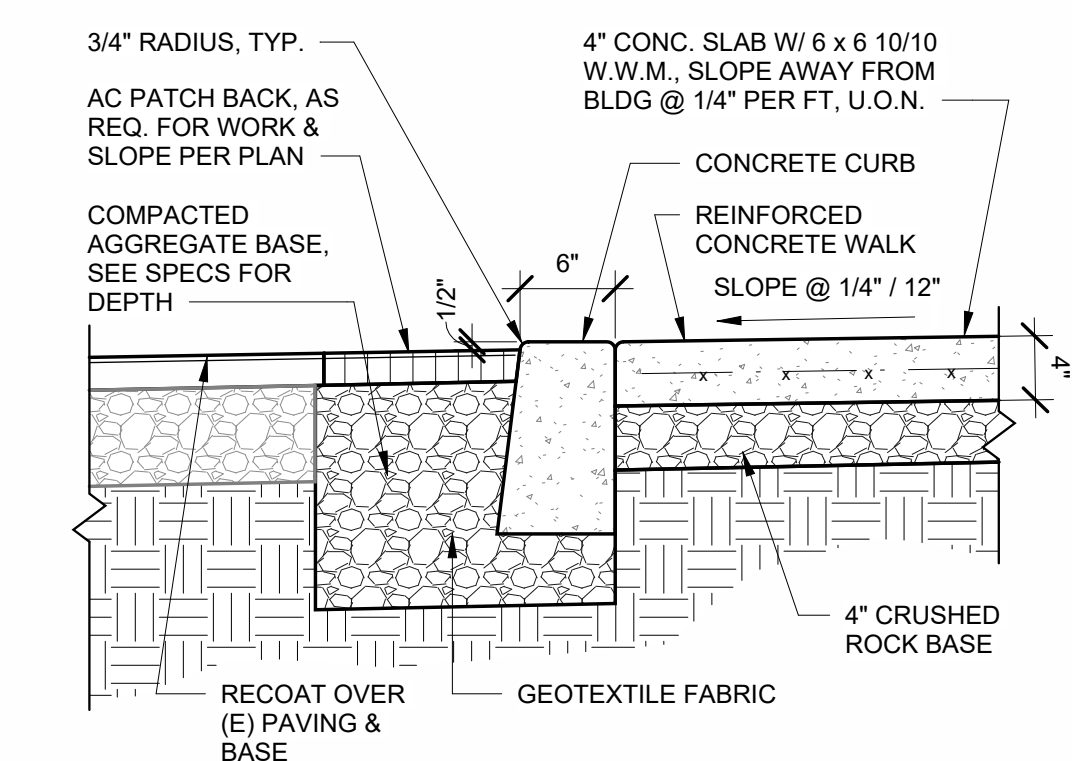
- A. RE TOP ASPHALT. PROVIDE NO CHANGES IN GRADE GREATER THAN .5" @ 45d.
- B. RE-STRIPE
- C. RE-PURPOSE SIGNAGE
- D. EXISTING IRRIGATION SYSTEM TO REMAIN. PROTECT DURING CONSTRUCTION.



4 ADA PARKING SIGNAGE, TYP.
1" = 1'-0"



3 CURB @ PLANTER
1" = 1'-0"



2 CURB @ WALK
1" = 1'-0"

1 SITE PLAN
1/8" = 1'-0"

CONSTRUCTION

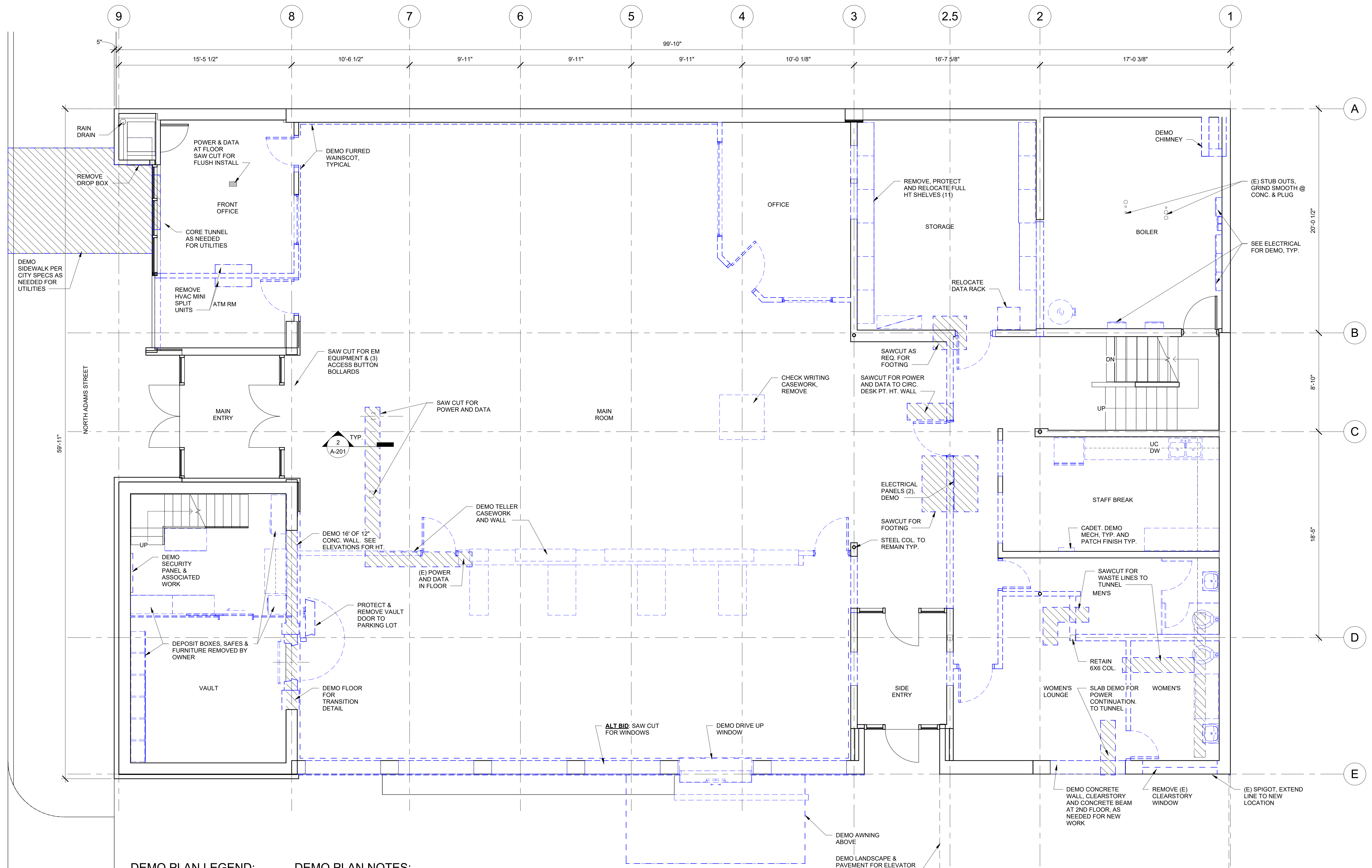
REVISIONS:

#	DATE	DESCRIPTION

CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023
SHEET TITLE:
**FIRST FLOOR PLAN -
DEMO**



DEMO PLAN LEGEND:

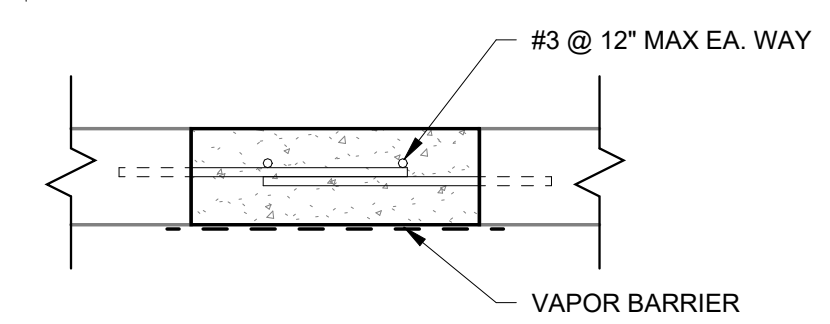
- WALLS AND OTHER FIXTURES TO BE DEMOLISHED
- CONCRETE SLAB TO BE SAW CUT AND DEMOLISHED

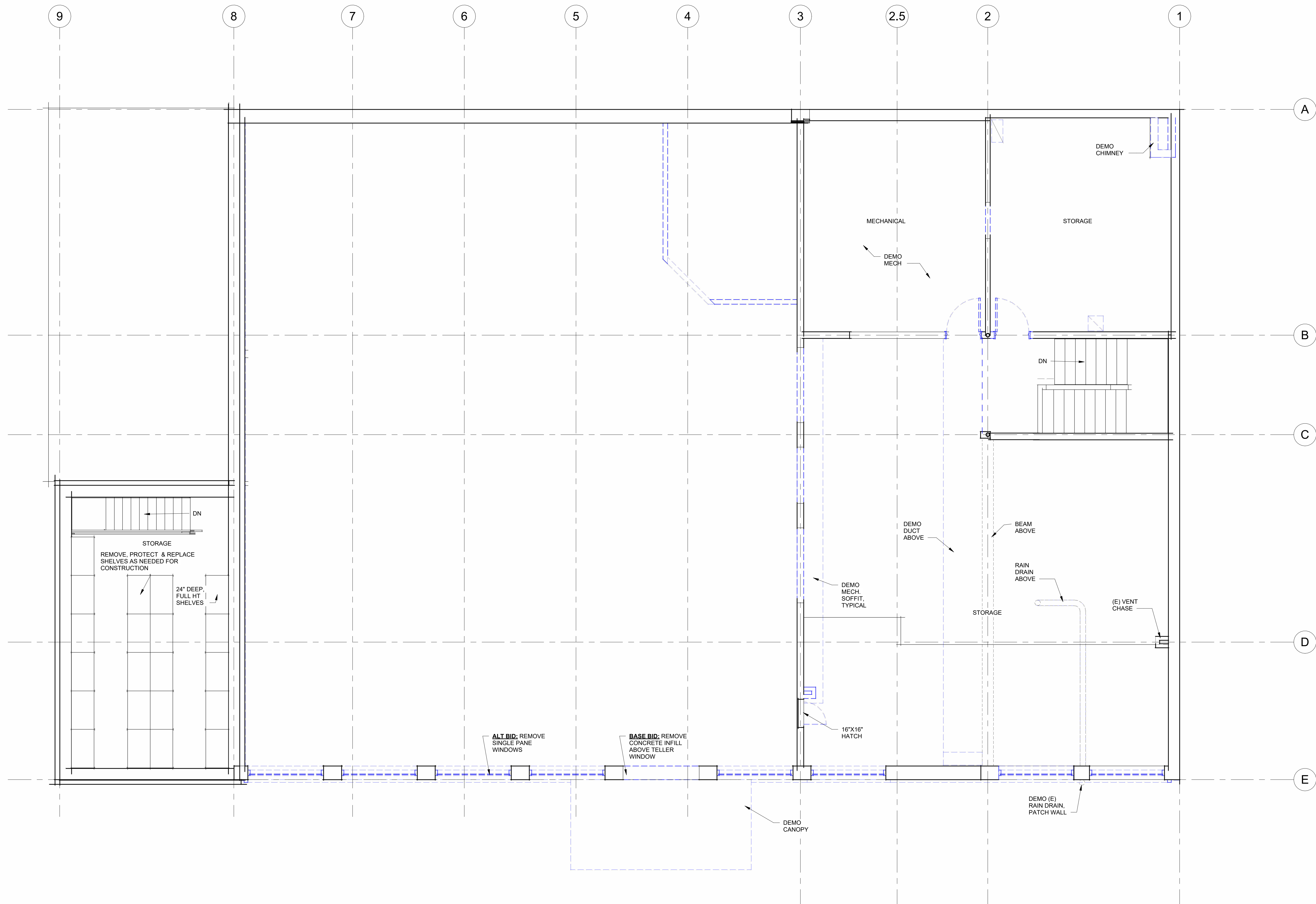
DEMO PLAN NOTES:

1. DEMO AS REQUIRED FOR STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING

1 FIRST FLOOR PLAN - DEMO
1/4" = 1'-0"

2 SLAB PATCH BACK
1 1/2" = 1'-0"





1 SECOND FLOOR PLAN - DEMO
1/4" = 1'-0"

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
**SECOND FLOOR
PLAN - DEMO**

A-202

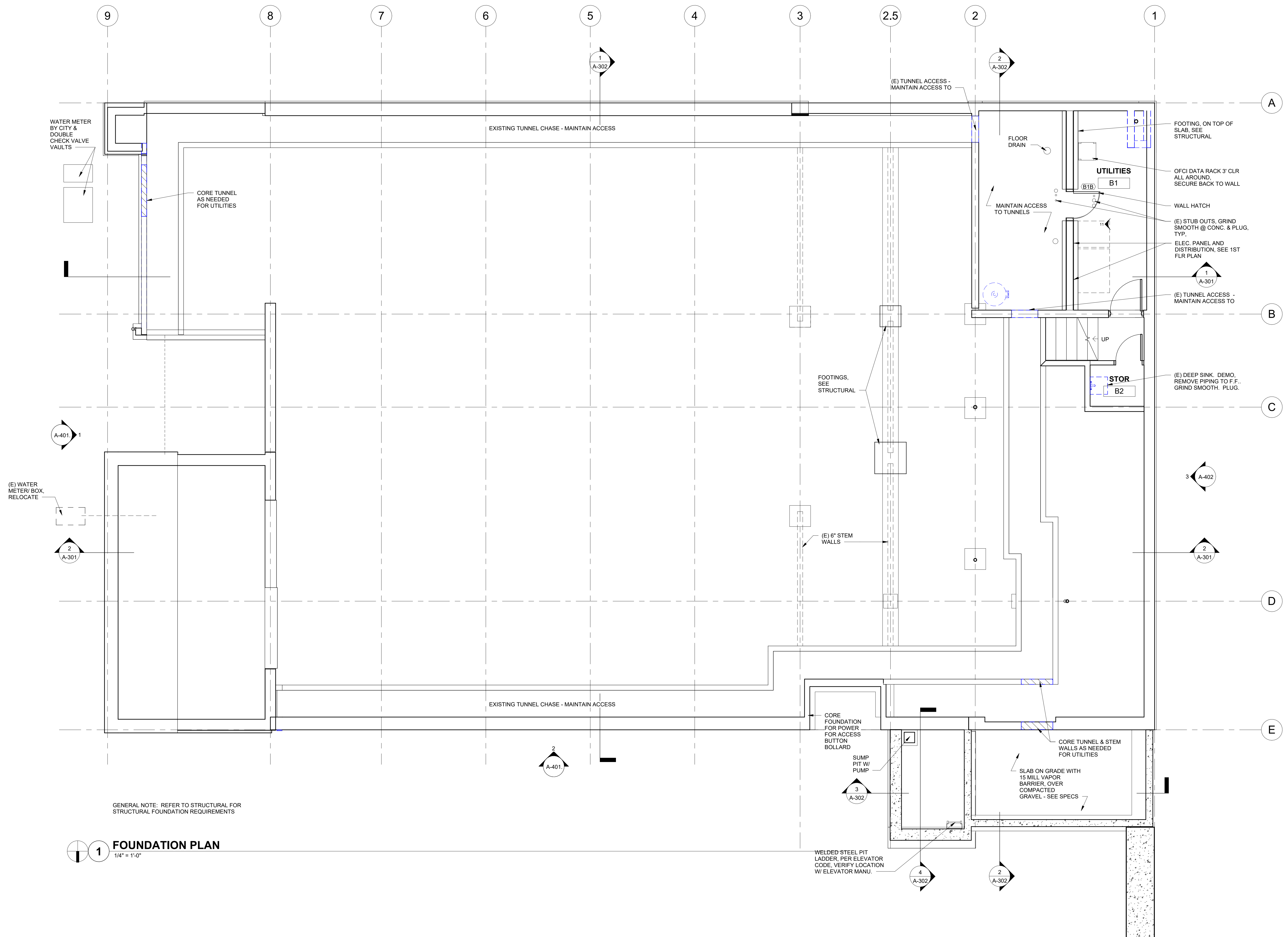
CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023

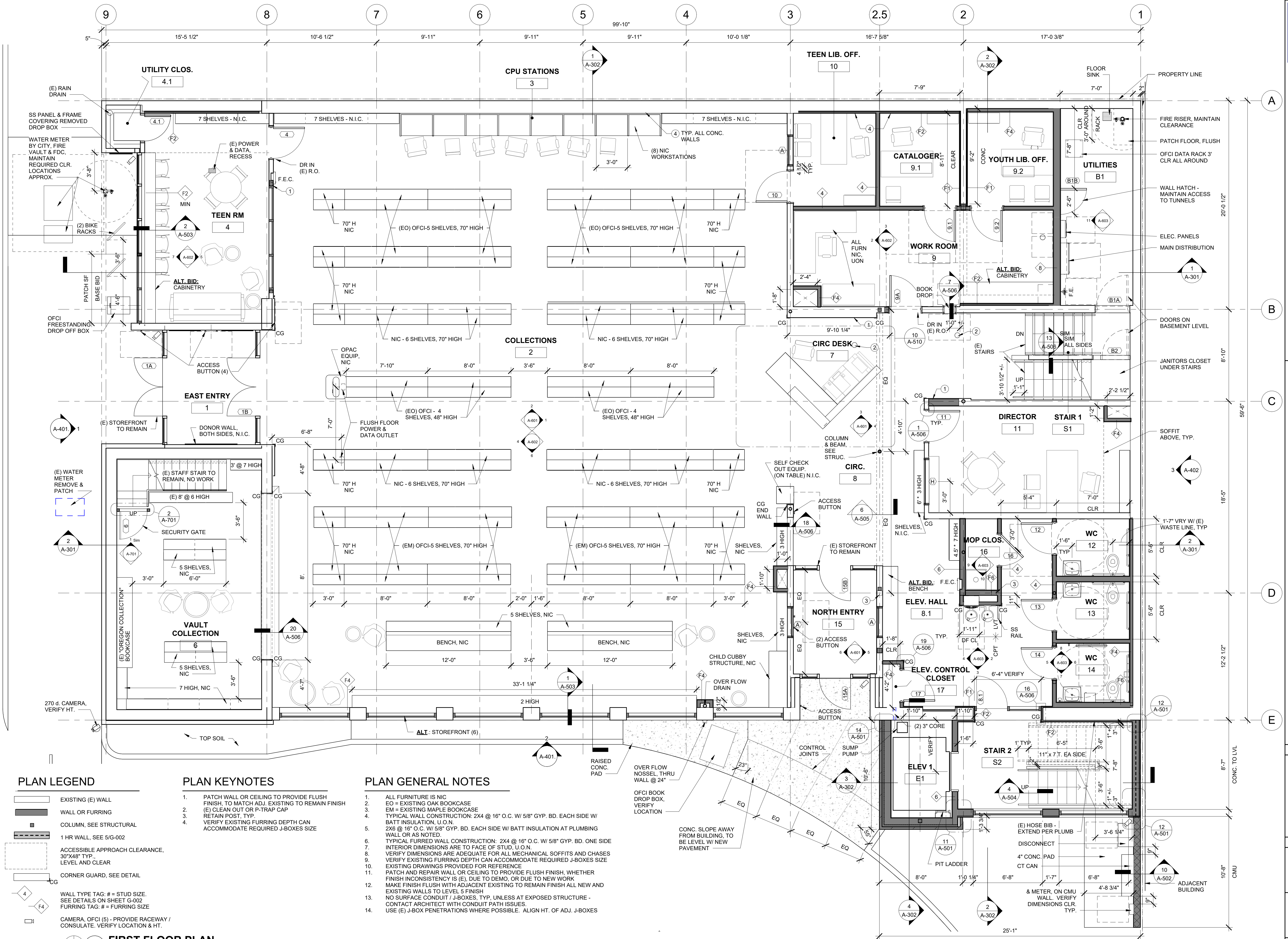
SHEET TITLE:
FOUNDATION PLAN

A-210



GENERAL NOTE: REFER TO STRUCTURAL FOR
STRUCTURAL FOUNDATION REQUIREMENTS

1 FOUNDATION PLAN
1/4" = 1'-0"



PLAN LEGEND

- EXISTING (E) WALL
- WALL OR FURRING
- COLUMN, SEE STRUCTURAL
- 1 HR WALL, SEE 5/G-002
- ACCESSIBLE APPROACH CLEARANCE, 30"x48" TYP. LEVEL AND CLEAR
- CORNER GUARD, SEE DETAIL
- WALL TYPE TAG: # = STUD SIZE. SEE DETAILS ON SHEET G.002
- FURRING TAG: # = FURRING SIZE
- CAMERA, OFCI (5) - PROVIDE RACEWAY / CONSULATE, VERIFY LOCATION & HT.

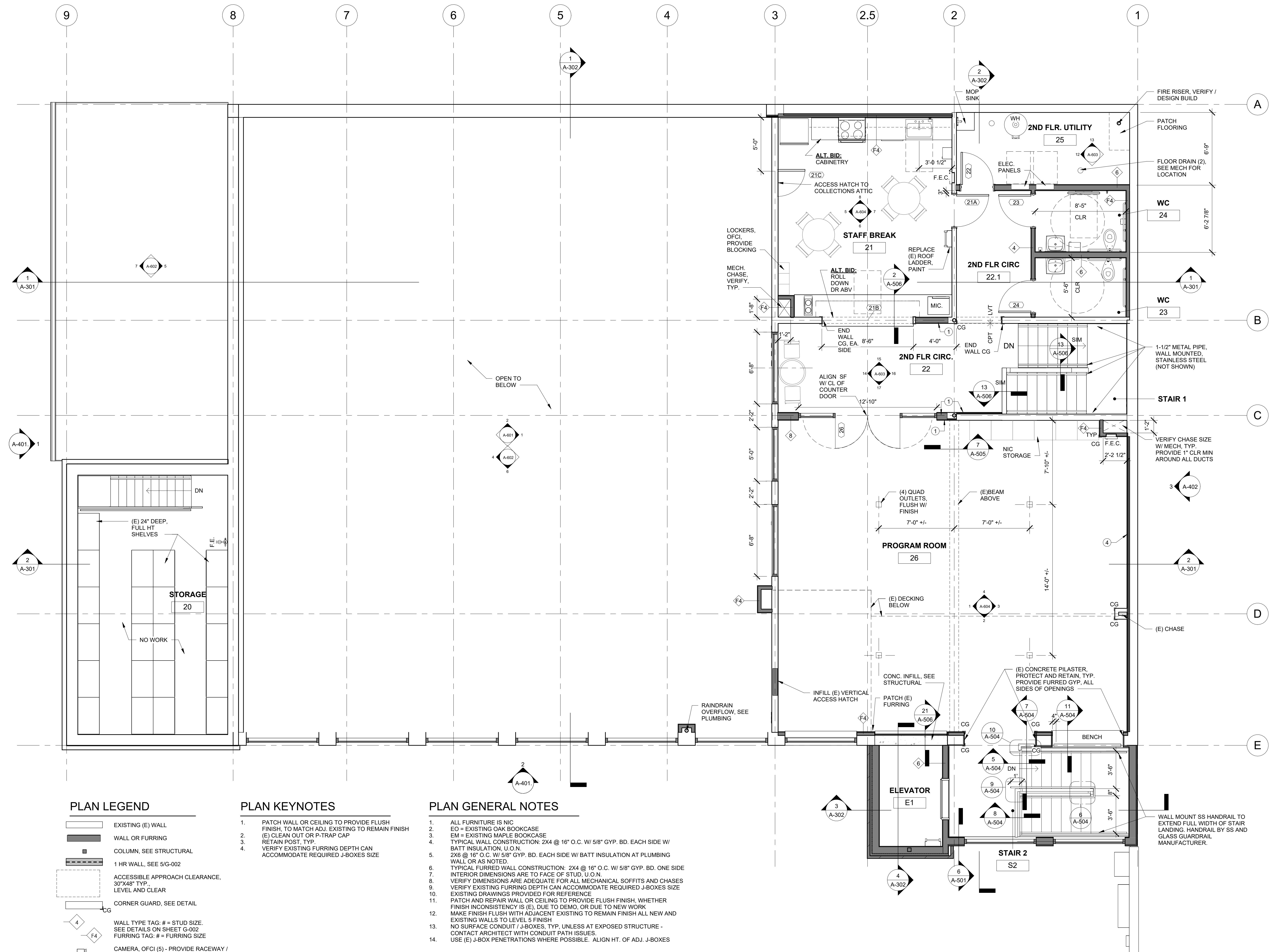
PLAN KEYNOTES

1. PATCH WALL OR CEILING TO PROVIDE FLUSH FINISH, TO MATCH ADJ. EXISTING TO REMAIN FINISH
2. (E) CLEAN OUT OR P-TRAP CAP
3. RETAIN POST, TYP.
4. VERIFY EXISTING FURRING DEPTH CAN ACCOMMODATE REQUIRED J-BOXES SIZE

PLAN GENERAL NOTES

1. ALL FURNITURE IS NIC
2. EO = EXISTING OAK BOOKCASE
3. EM = EXISTING MAPLE BOOKCASE
4. TYPICAL WALL CONSTRUCTION: 2X4 @ 16" O.C. W/ 5/8" GYP. BD. EACH SIDE W/ BATT INSULATION, U.O.N.
5. 2X6 @ 16" O.C. W/ 5/8" GYP. BD. EACH SIDE W/ BATT INSULATION AT PLUMBING WALL OR AS NOTED.
6. TYPICAL FURRED WALL CONSTRUCTION: 2X4 @ 16" O.C. W/ 5/8" GYP. BD. ONE SIDE INTERIOR DIMENSIONS ARE TO FACE OF STUD, U.O.N.
7. VERIFY DIMENSIONS ARE ADEQUATE FOR ALL MECHANICAL SOFFITS AND CHASES
8. VERIFY EXISTING FURRING DEPTH CAN ACCOMMODATE REQUIRED J-BOXES SIZE
9. EXISTING DRAWINGS PROVIDED FOR REFERENCE
10. PATCH AND REPAIR WALL OR CEILING TO PROVIDE FLUSH FINISH, WHETHER FINISH INCONSISTENCY IS (E), DUE TO DEMO, OR DUE TO NEW WORK
11. MAKE FINISH FLUSH WITH ADJACENT EXISTING TO REMAIN FINISH ALL NEW AND EXISTING WALLS TO LEVEL 5 FINISH
12. NO SURFACE CONDUIT / J-BOXES, TYP. UNLESS AT EXPOSED STRUCTURE - CONTACT ARCHITECT WITH CONDUIT PATH ISSUES.
13. USE (E) J-BOX PENETRATIONS WHERE POSSIBLE. ALIGN HT. OF ADJ. J-BOXES
- 14.

FIRST FLOOR PLAN
1/4" = 1'-0"



- PLAN LEGEND**
- EXISTING (E) WALL
 - WALL OR FURRING
 - COLUMN, SEE STRUCTURAL
 - 1 HR WALL, SEE 5/G-002
 - ACCESSIBLE APPROACH CLEARANCE, 30"X48" TYP. LEVEL AND CLEAR
 - CORNER GUARD, SEE DETAIL
 - WALL TYPE TAG: # = STUD SIZE. SEE DETAILS ON SHEET G-002
 - FURRING TAG: # = FURRING SIZE
 - CAMERA OFCI (5) - PROVIDE RACEWAY / CONSULTATE, VERIFY LOCATION & HT.

- PLAN KEYNOTES**
1. PATCH WALL OR CEILING TO PROVIDE FLUSH FINISH. TO MATCH ADJ. EXISTING TO REMAIN FINISH
 2. (E) CLEAN OUT OR P-TRAP CAP
 3. RETAIN POST, TYP.
 4. VERIFY EXISTING FURRING DEPTH CAN ACCOMMODATE REQUIRED J-BOXES SIZE

- PLAN GENERAL NOTES**
1. ALL FURNITURE IS NIC
 2. EO = EXISTING OAK BOOKCASE
 3. EM = EXISTING MAPLE BOOKCASE
 4. TYPICAL WALL CONSTRUCTION: 2X4 @ 16" O.C. W/ 5/8" GYP. BD. EACH SIDE W/ BATT INSULATION, U.O.N.
 5. 2X6 @ 16" O.C. W/ 5/8" GYP. BD. EACH SIDE W/ BATT INSULATION AT PLUMBING WALL OR AS NOTED.
 6. TYPICAL FURRED WALL CONSTRUCTION: 2X4 @ 16" O.C. W/ 5/8" GYP. BD. ONE SIDE
 7. INTERIOR DIMENSIONS ARE TO FACE OF STUD, U.O.N.
 8. VERIFY DIMENSIONS ARE ADEQUATE FOR ALL MECHANICAL SOFFITS AND CHASES
 9. VERIFY EXISTING FURRING DEPTH CAN ACCOMMODATE REQUIRED J-BOXES SIZE
 10. EXISTING DRAWINGS PROVIDED FOR REFERENCE
 11. PATCH AND REPAIR WALL OR CEILING TO PROVIDE FLUSH FINISH, WHETHER FINISH INCONSISTENCY IS (E), DUE TO DEMO, OR DUE TO NEW WORK
 12. MAKE FINISH FLUSH WITH ADJACENT EXISTING TO REMAIN FINISH ALL NEW AND EXISTING WALLS TO LEVEL 5 FINISH
 13. NO SURFACE CONDUIT / J-BOXES, TYP. UNLESS AT EXPOSED STRUCTURE - CONTACT ARCHITECT WITH CONDUIT PATH ISSUES
 14. USE (E) J-BOX PENETRATIONS WHERE POSSIBLE. ALIGN HT. OF ADJ. J-BOXES

1 SECOND FLOOR PLAN
1/4" = 1'-0"

CONSTRUCTION

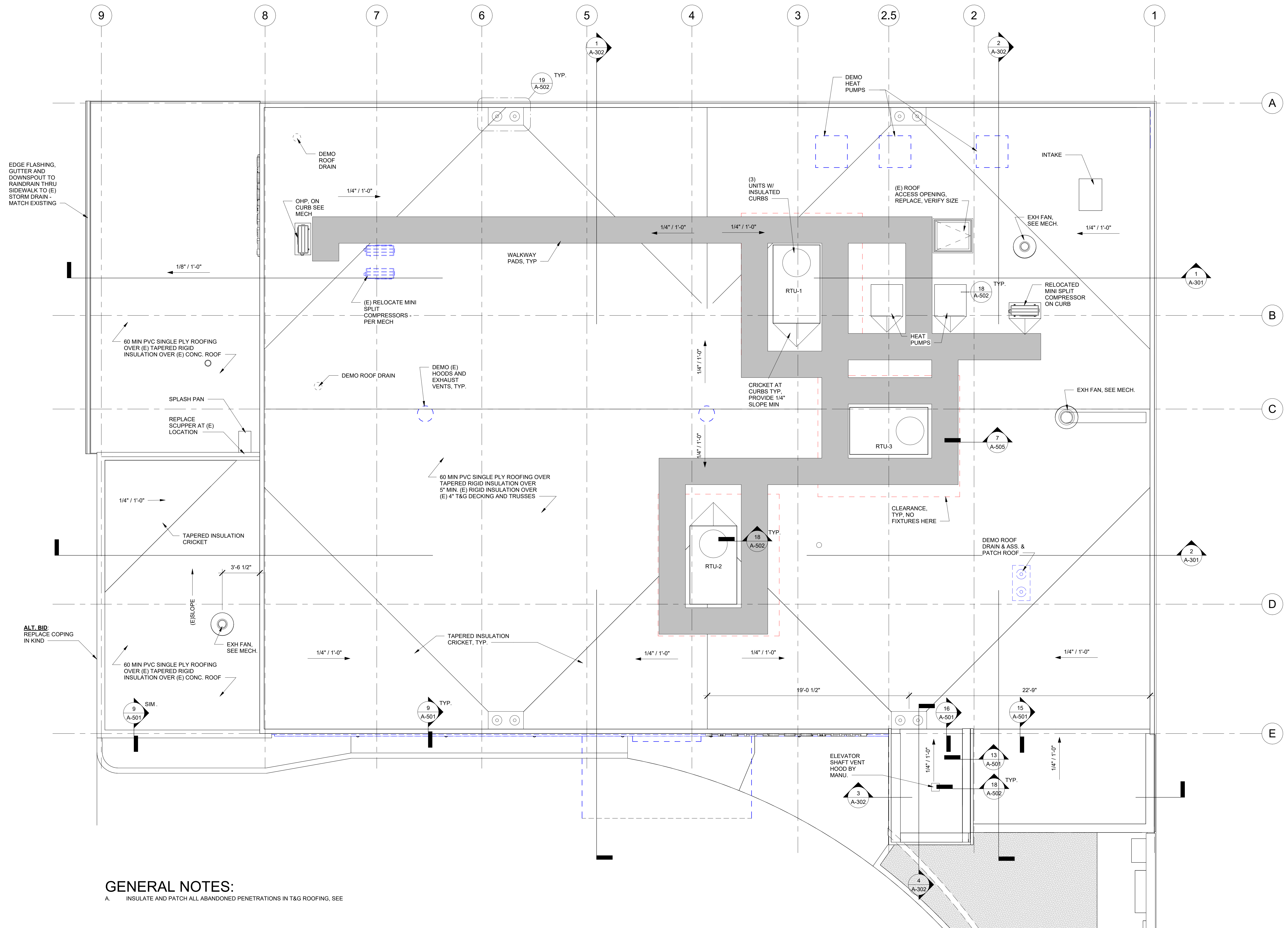
#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
ROOF PLAN

A-213

Copyright © 2023
HGE ARCHITECTS, INC.



GENERAL NOTES:

A. INSULATE AND PATCH ALL ABANDONED PENETRATIONS IN T&G ROOFING. SEE

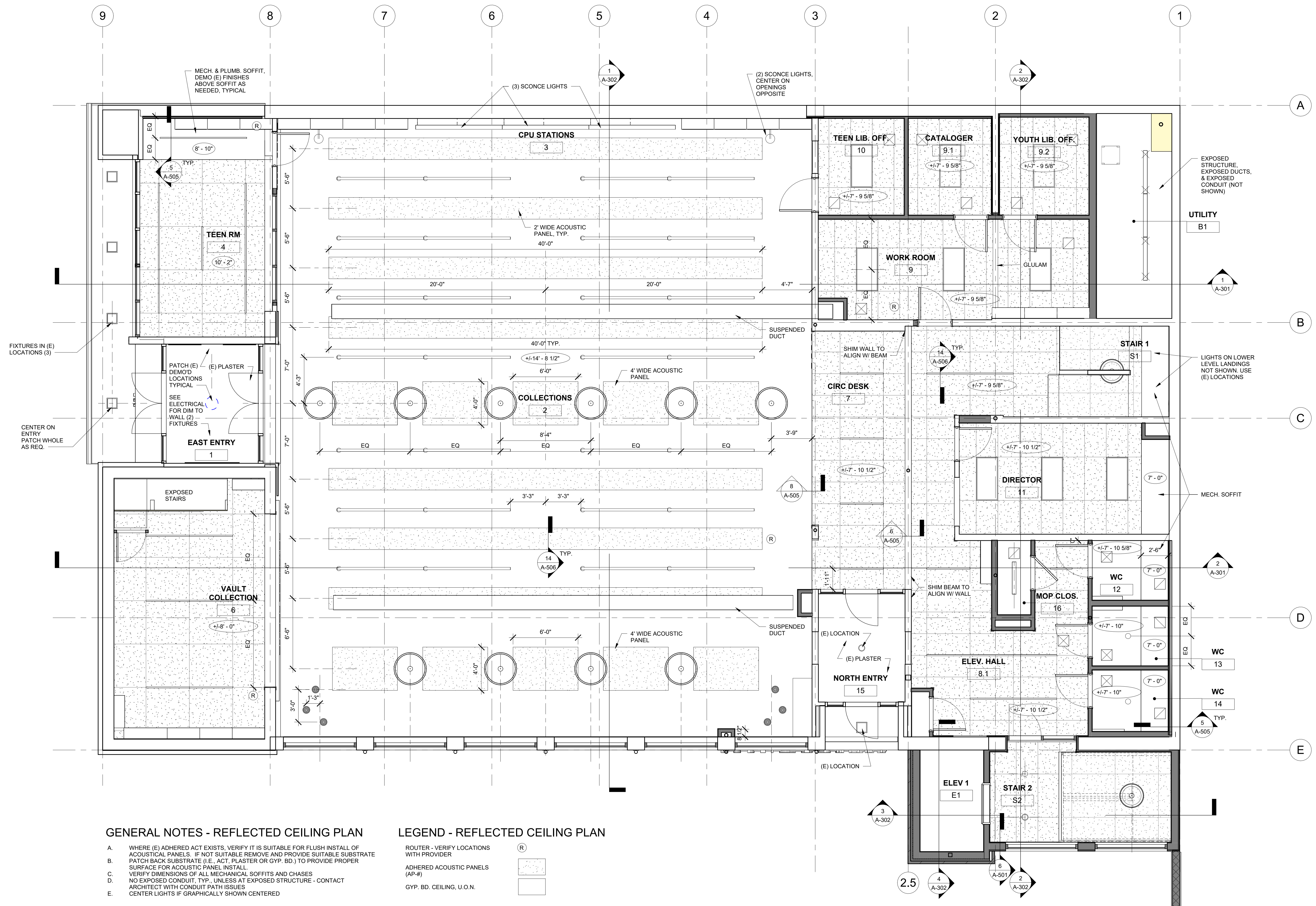
CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
**FIRST FLOOR
REFLECTED
CEILING PLAN**

A-221



GENERAL NOTES - REFLECTED CEILING PLAN

- A. WHERE (E) ADHERED ACT EXISTS, VERIFY IT IS SUITABLE FOR FLUSH INSTALL OF ACOUSTICAL PANELS. IF NOT SUITABLE REMOVE AND PROVIDE SUITABLE SUBSTRATE PATCH BACK SUBSTRATE (I.E., ACT, PLASTER OR GYP. BD.) TO PROVIDE PROPER SURFACE FOR ACOUSTIC PANEL INSTALL.
- B. VERIFY DIMENSIONS OF ALL MECHANICAL SOFFITS AND CHASES
- C. NO EXPOSED CONDUIT, TYP., UNLESS AT EXPOSED STRUCTURE - CONTACT ARCHITECT WITH CONDUIT PATH ISSUES
- D. CENTER LIGHTS IF GRAPHICALLY SHOWN CENTERED
- E. CENTER ON ENTRY PATCH WHOLE AS REQ.

LEGEND - REFLECTED CEILING PLAN

- ROUTER - VERIFY LOCATIONS WITH PROVIDER
- ADHERED ACOUSTIC PANELS (AP-#)
- GYP. BD. CEILING, U.O.N.

1 FIRST FLOOR REFLECTED CEILING PLAN

1/4" = 1'-0"

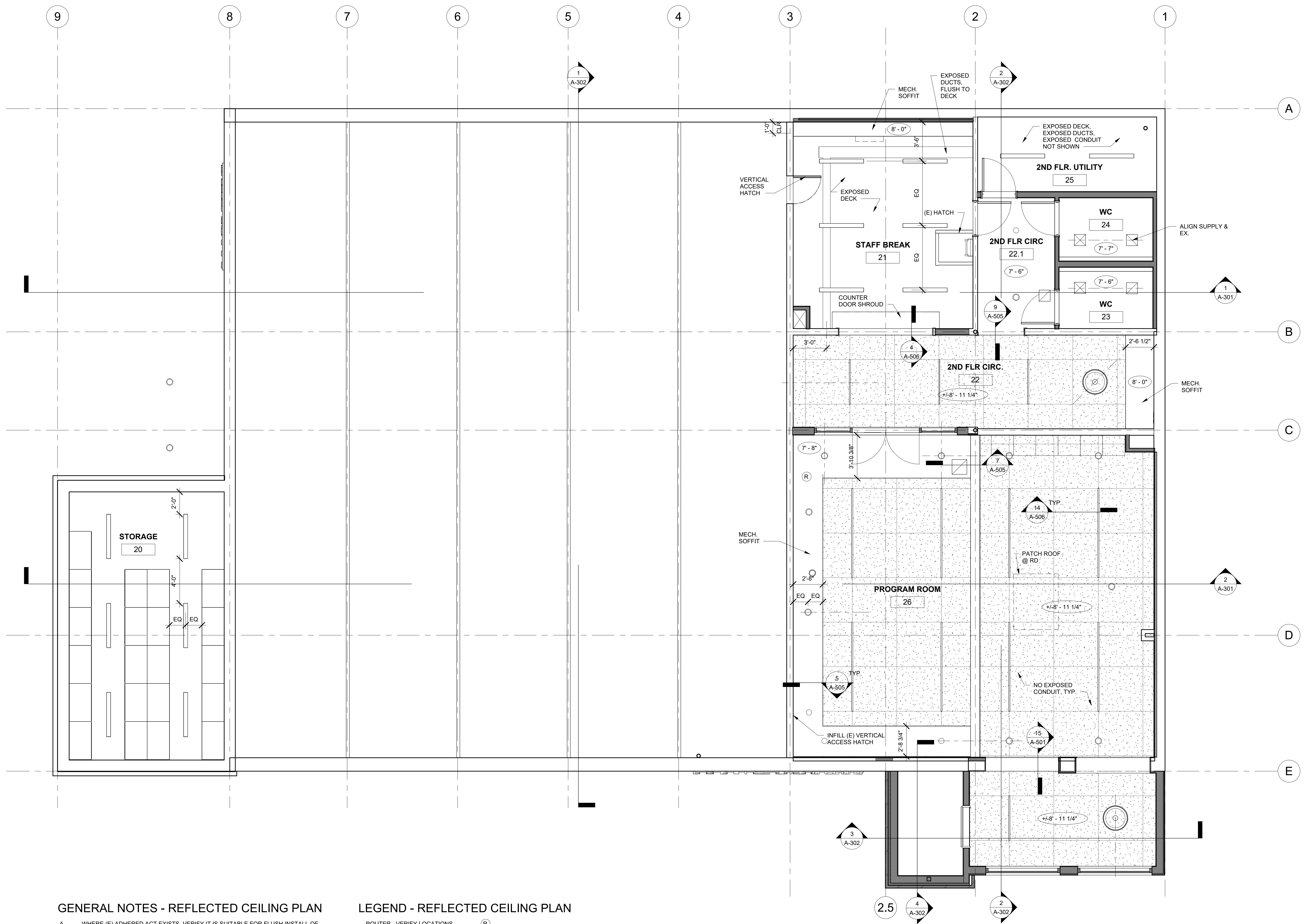
CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
**SECOND FLOOR
REFLECTED
CEILING PLAN**

A-222



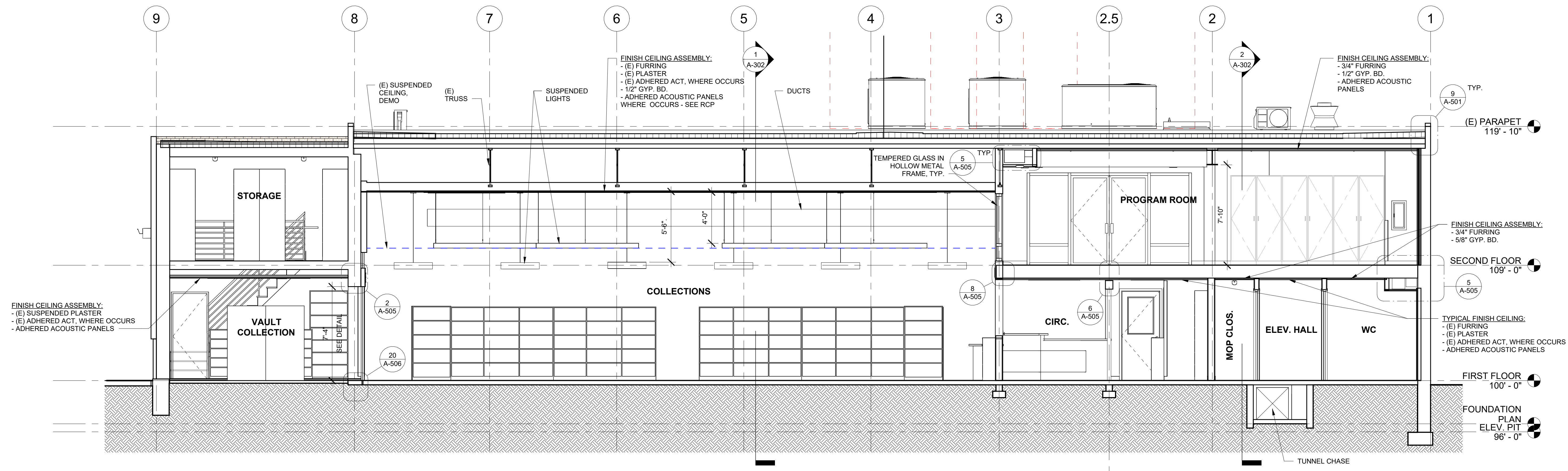
GENERAL NOTES - REFLECTED CEILING PLAN

- A. WHERE (E) ADHERED ACT EXISTS, VERIFY IT IS SUITABLE FOR FLUSH INSTALL OF ACOUSTICAL PANELS. IF NOT SUITABLE REMOVE AND PROVIDE SUITABLE SUBSTRATE PATCH BACK SUBSTRATE (I.E. ACT. PLASTER OR GYP. BD.) TO PROVIDE PROPER SURFACE FOR ACOUSTIC PANEL INSTALL.
- B. VERIFY DIMENSIONS OF ALL MECHANICAL SOFFITS AND CHASES
- C. NO EXPOSED CONDUIT, TYP., UNLESS AT EXPOSED STRUCTURE - CONTACT ARCHITECT WITH CONDUIT PATH ISSUES
- D. CENTER LIGHTS IF GRAPHICALLY SHOWN CENTERED

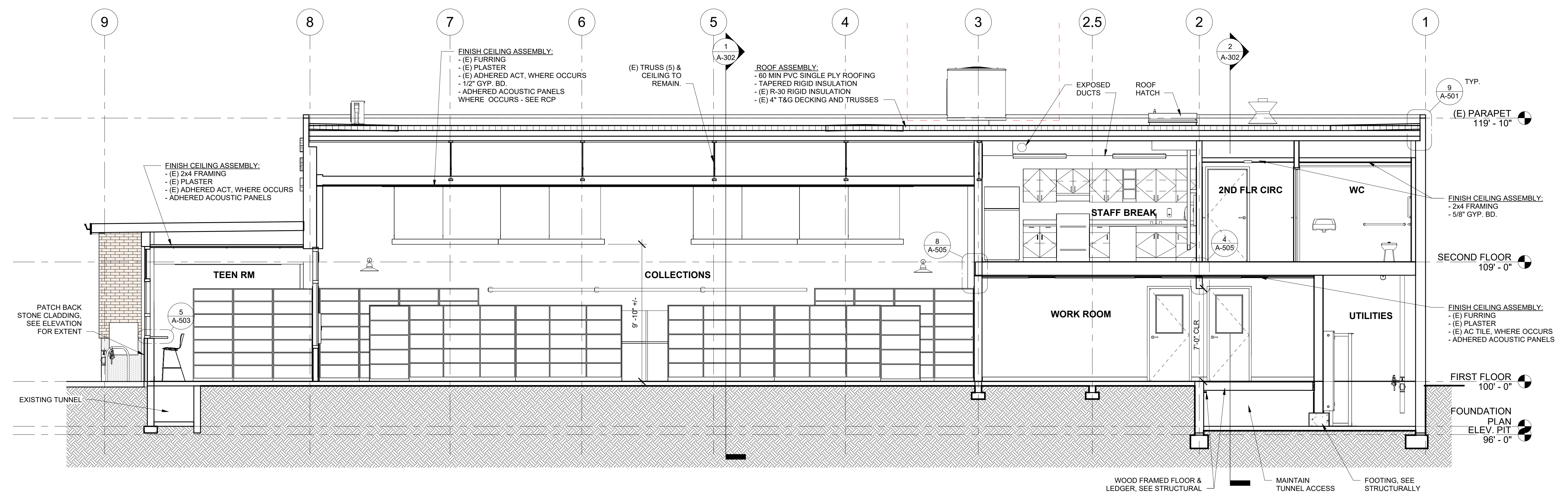
LEGEND - REFLECTED CEILING PLAN

- (R) ROUTER - VERIFY LOCATIONS WITH PROVIDER
- ADHERED ACOUSTIC PANELS (AP-#)
- GYP. BD. CEILING, U.O.N.

1 SECOND FLOOR RCP
1/4" = 1'-0"



2 E-W SECTION, SOUTH SIDE
1/4" = 1'-0"



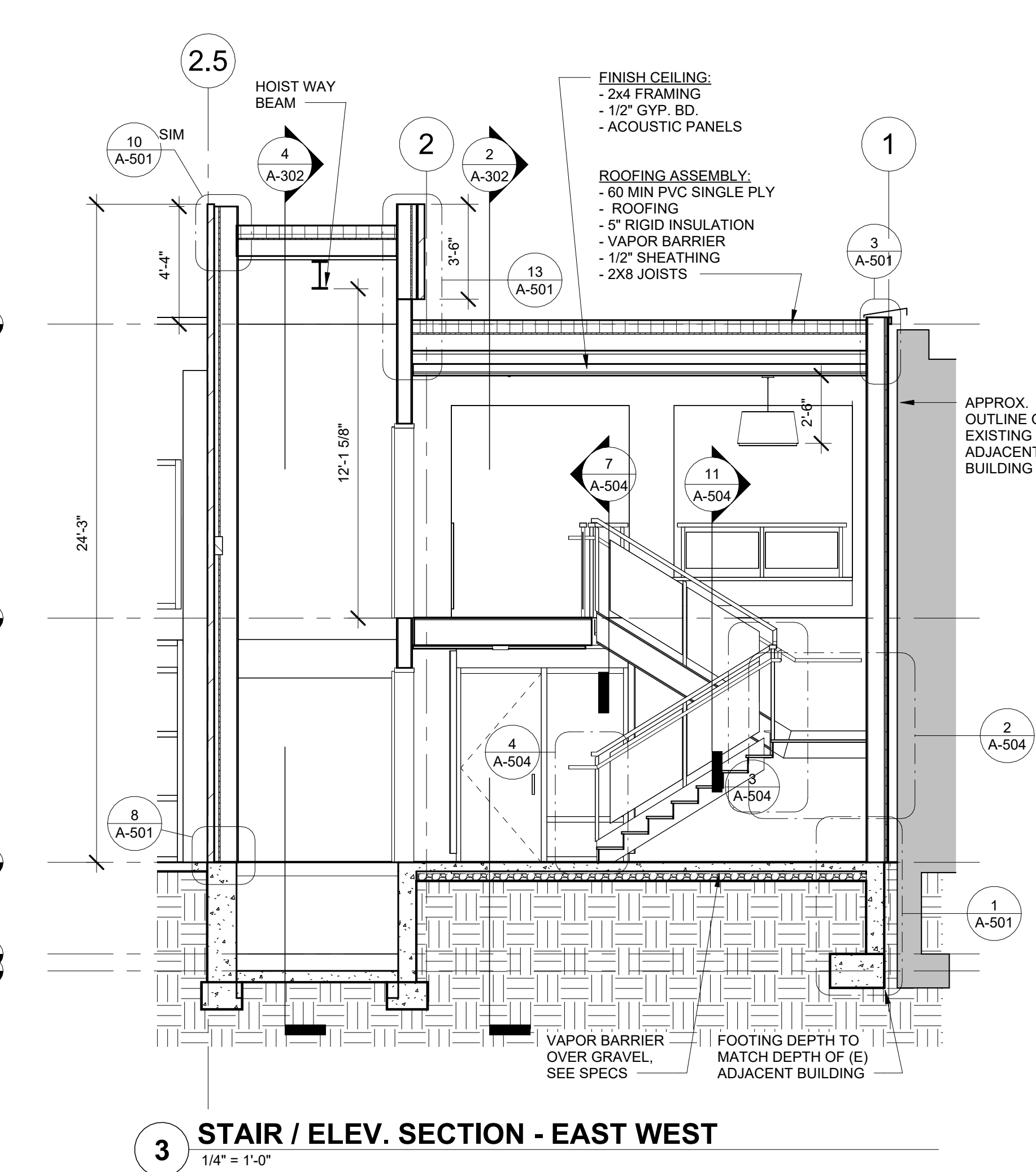
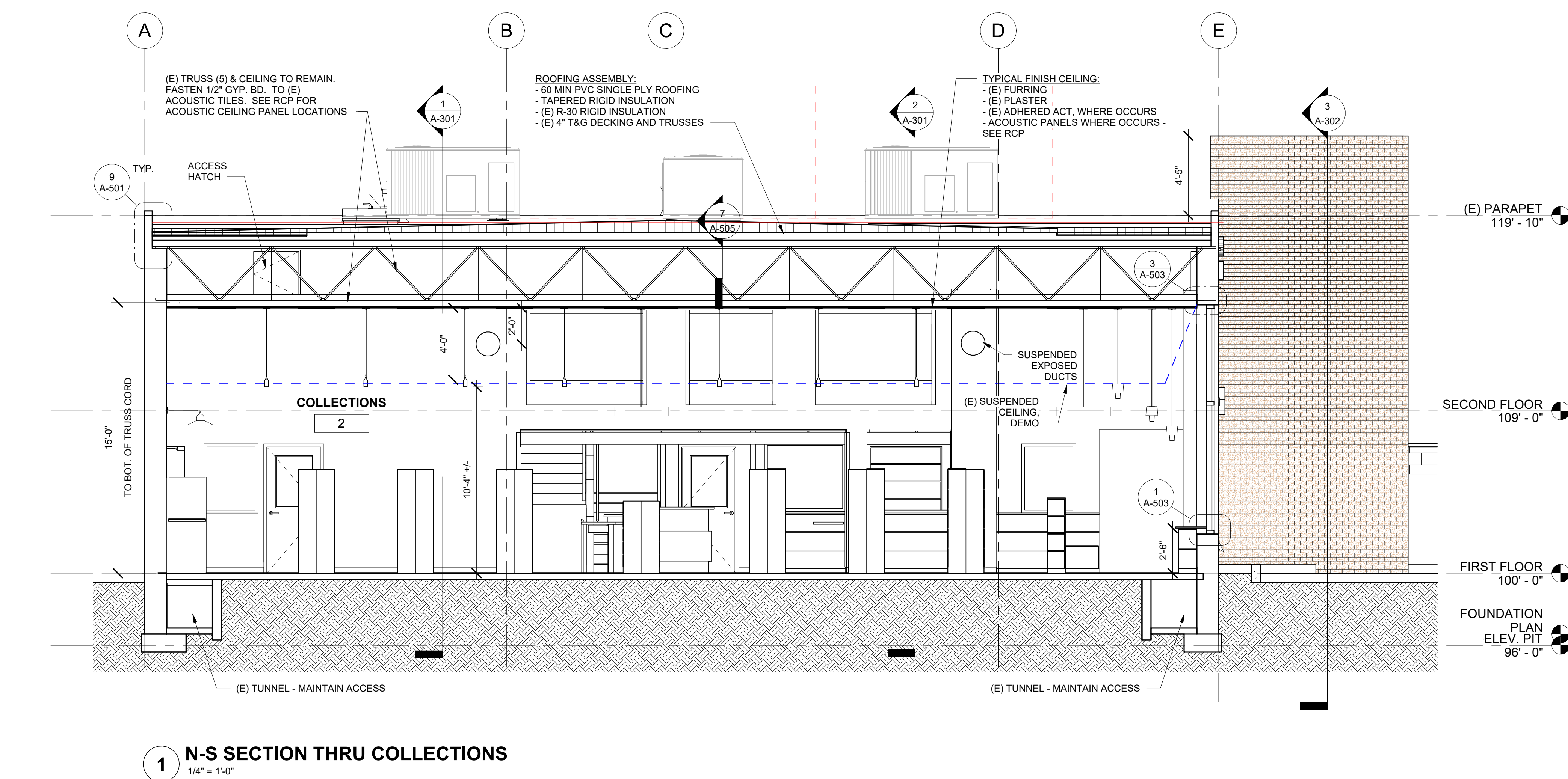
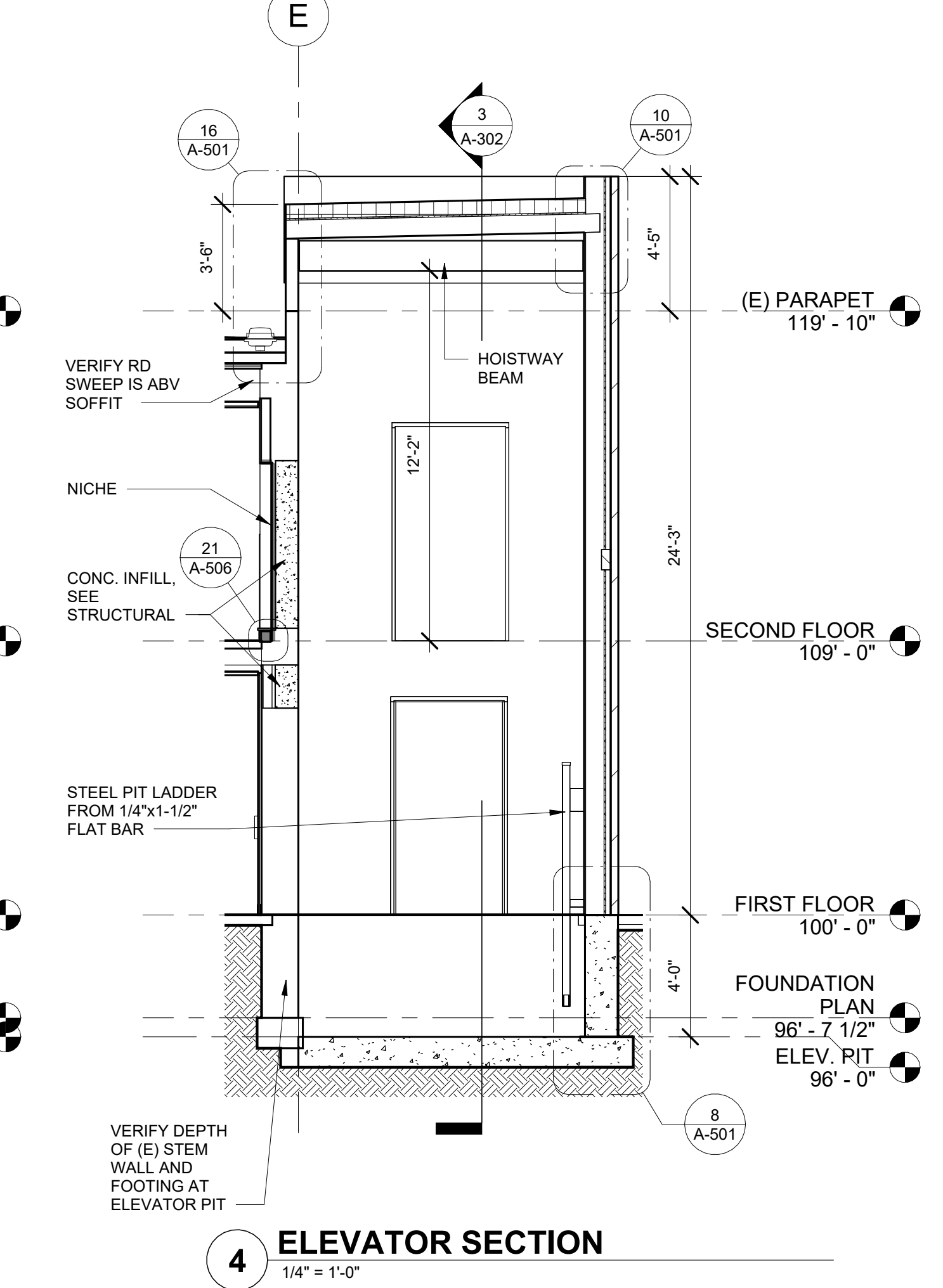
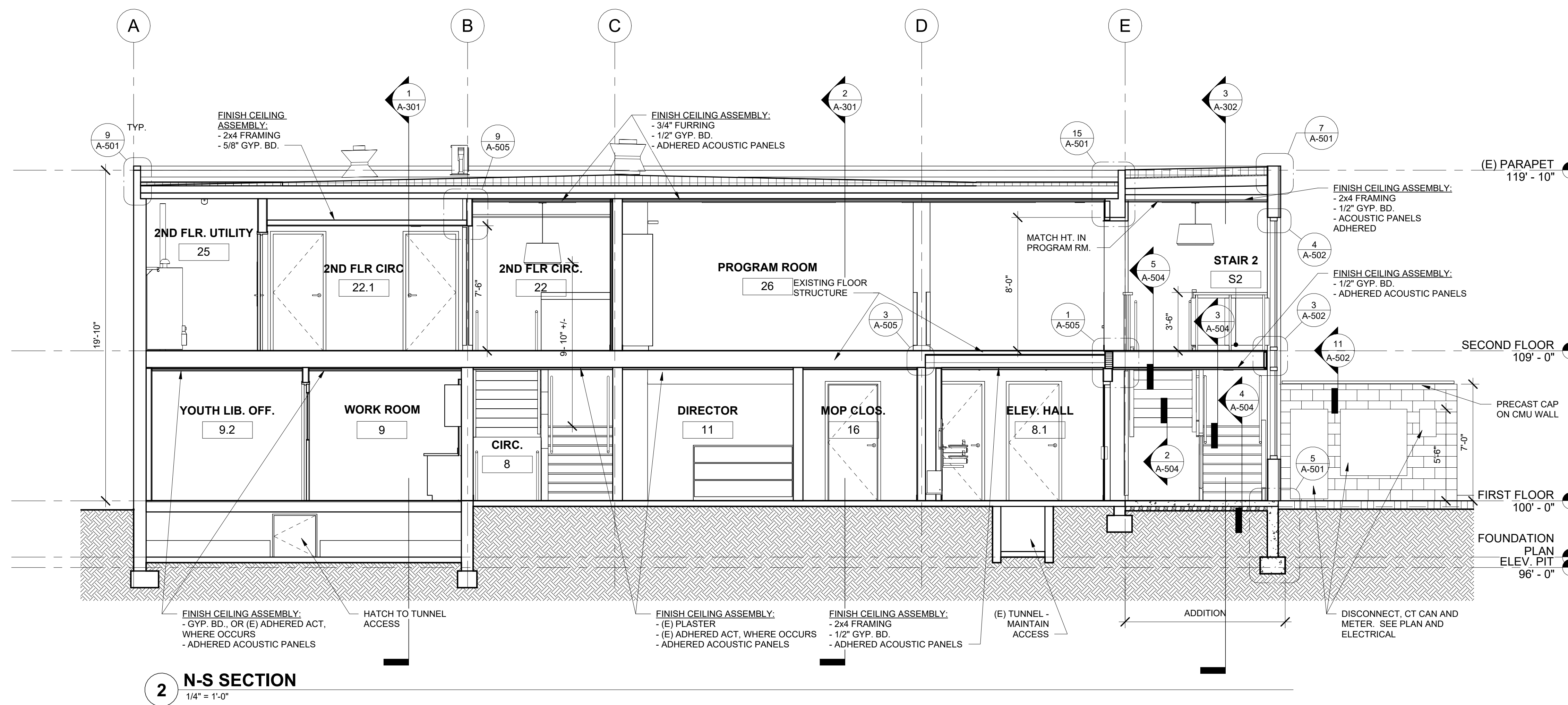
1 E-W SECTION, NORTH SIDE
1/4" = 1'-0"

CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023
SHEET TITLE:
BUILDING SECTIONS

A-302



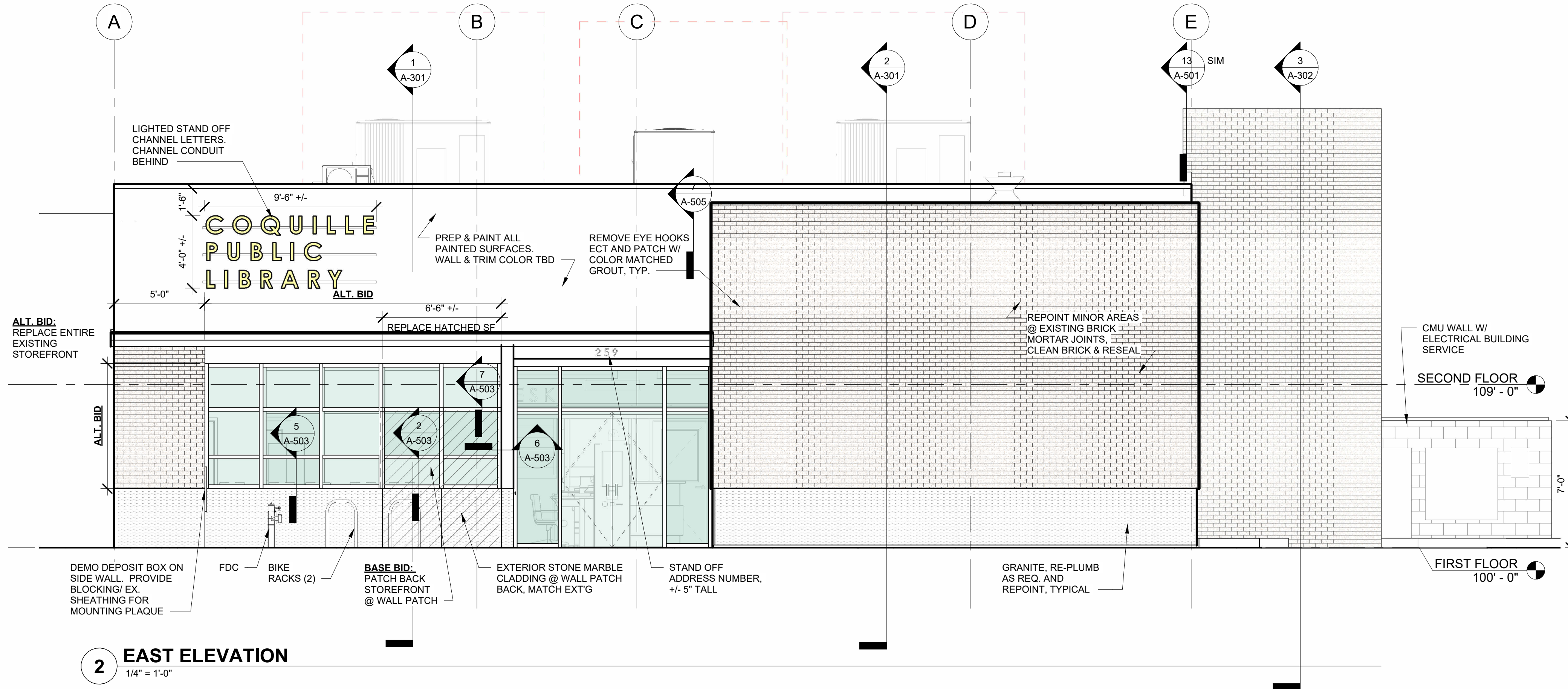
CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

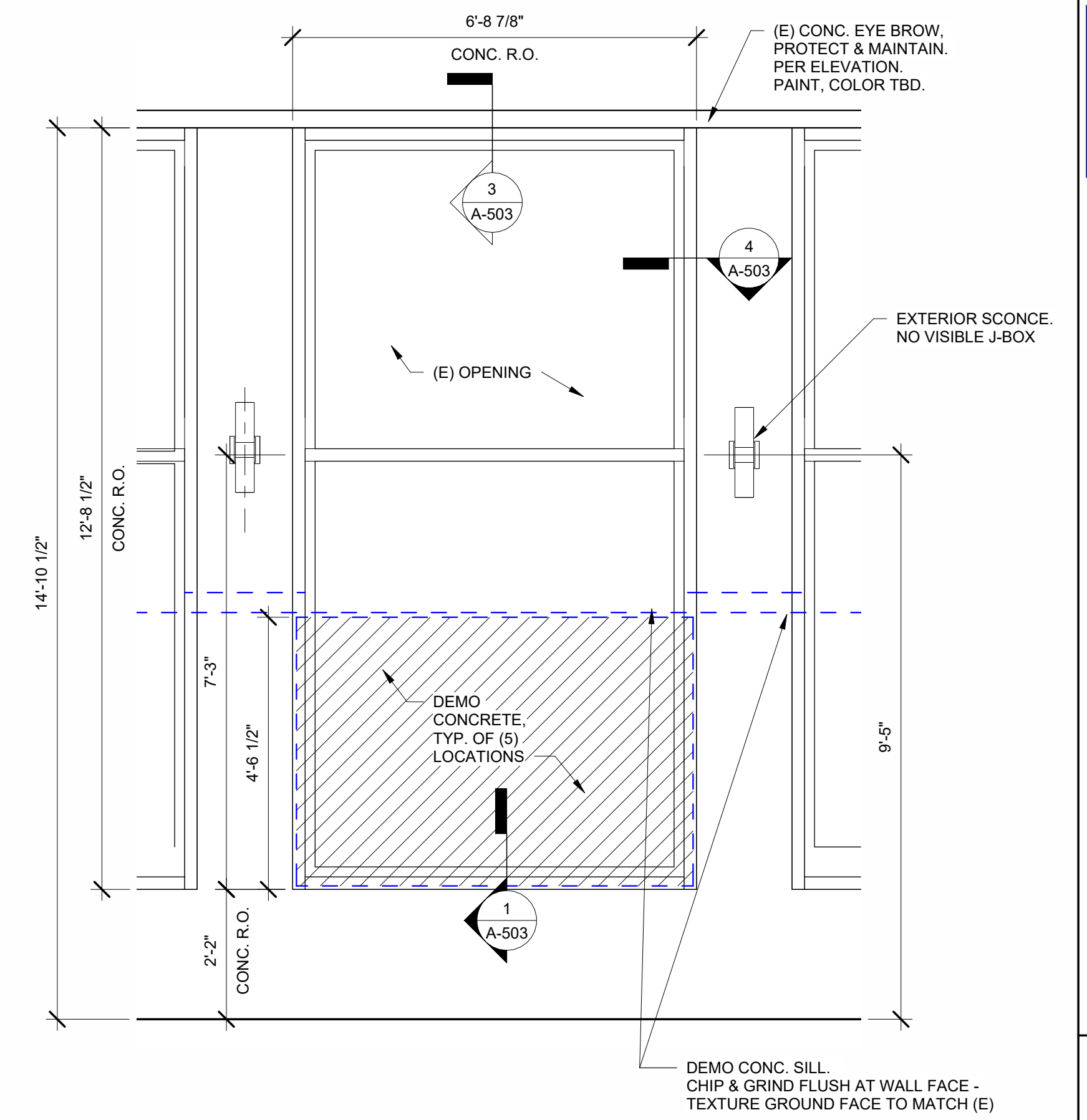
DATE: JULY 2023

SHEET TITLE:
EXTERIOR ELEVATIONS

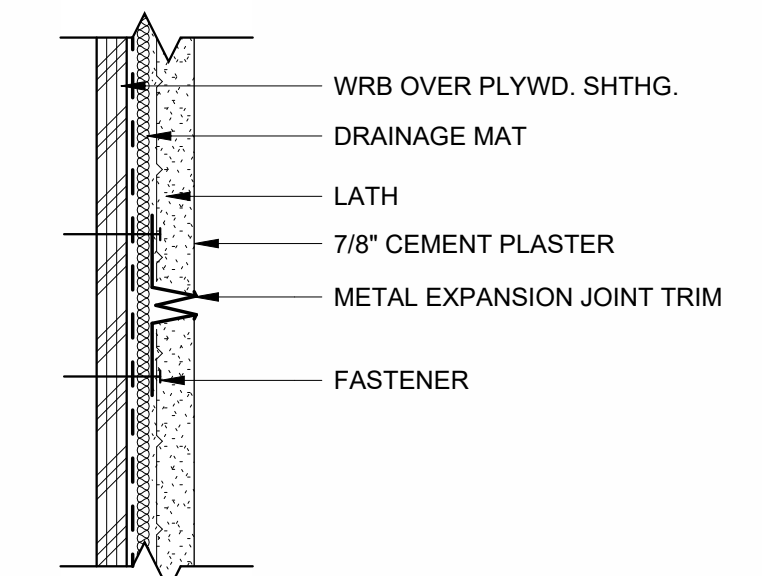
A-401



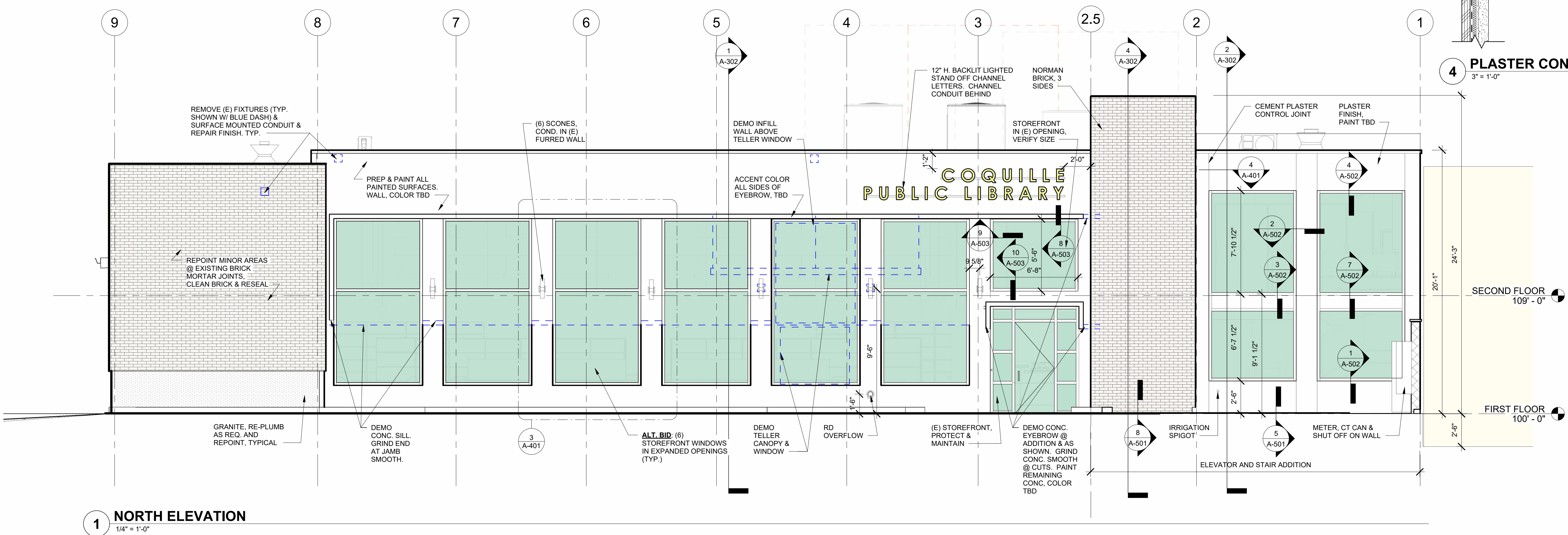
2 EAST ELEVATION
1/4" = 1'-0"



3 ALT. BID - ENLARGED WINDOW ELEVATION
1/2" = 1'-0"



4 PLASTER CONTROL JOINT
3" = 1'-0"



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

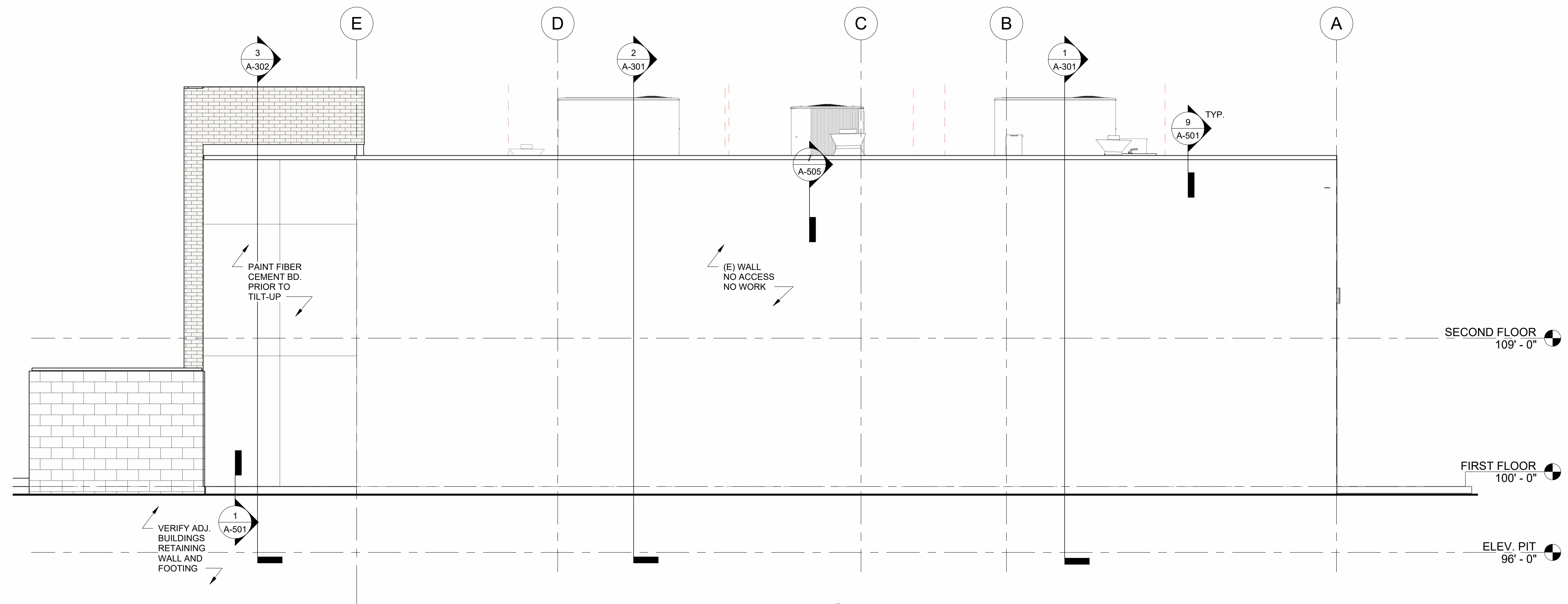
CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

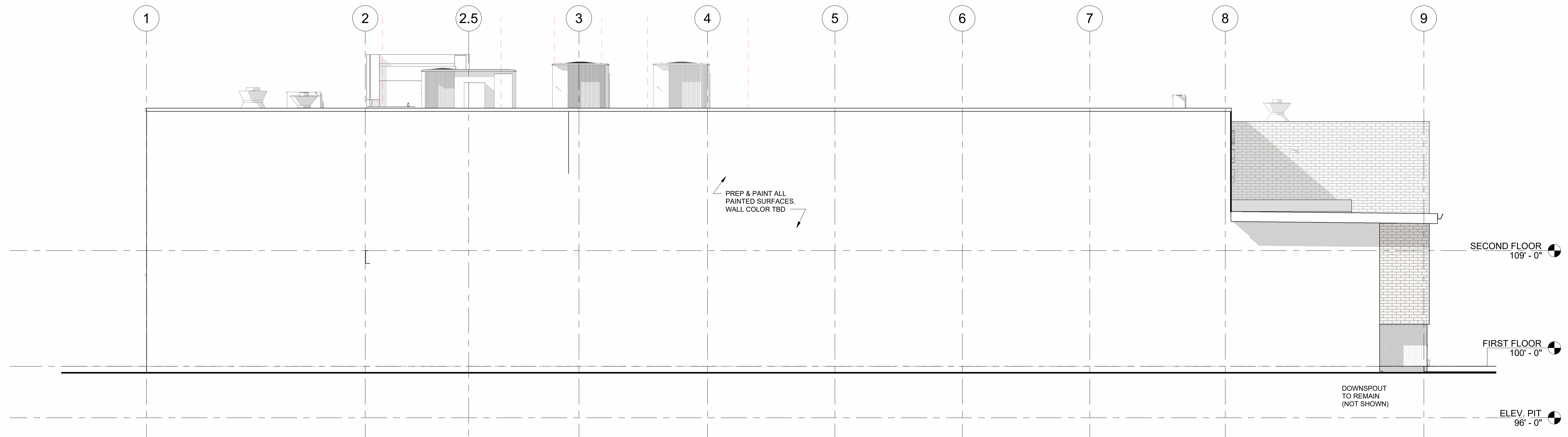
DATE: JULY 2023

SHEET TITLE:
**EXTERIOR
ELEVATIONS**

A-402



3 WEST ELEVATION - EXISTING
1/4" = 1'-0"



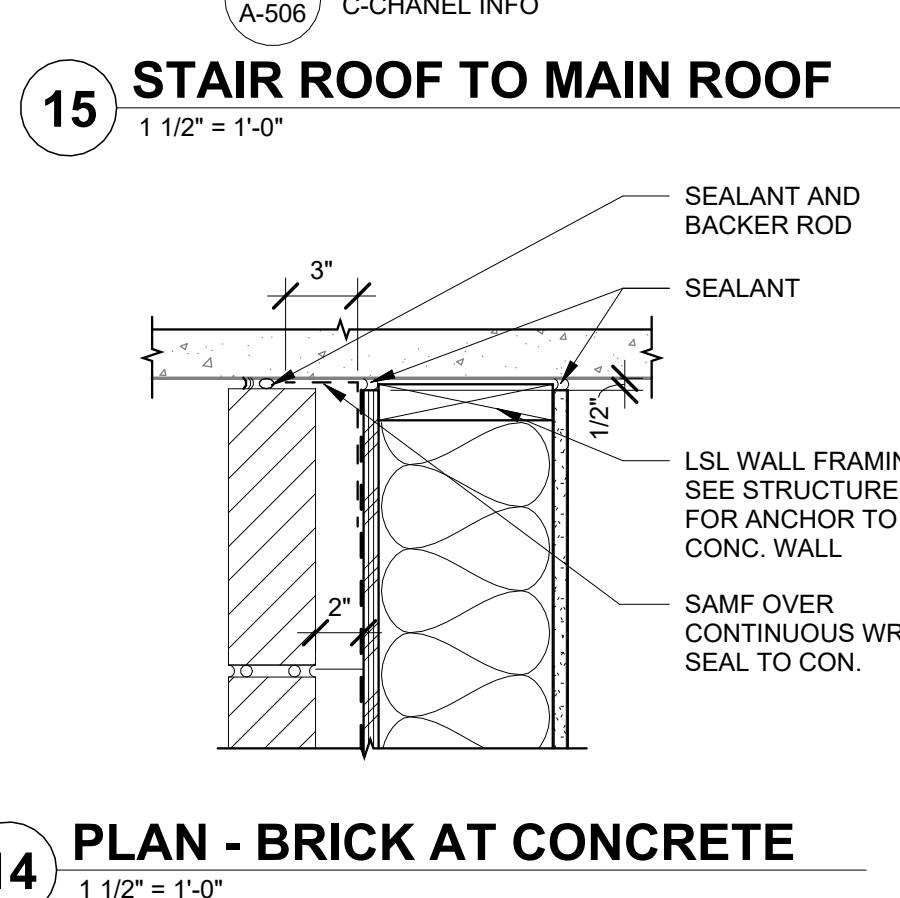
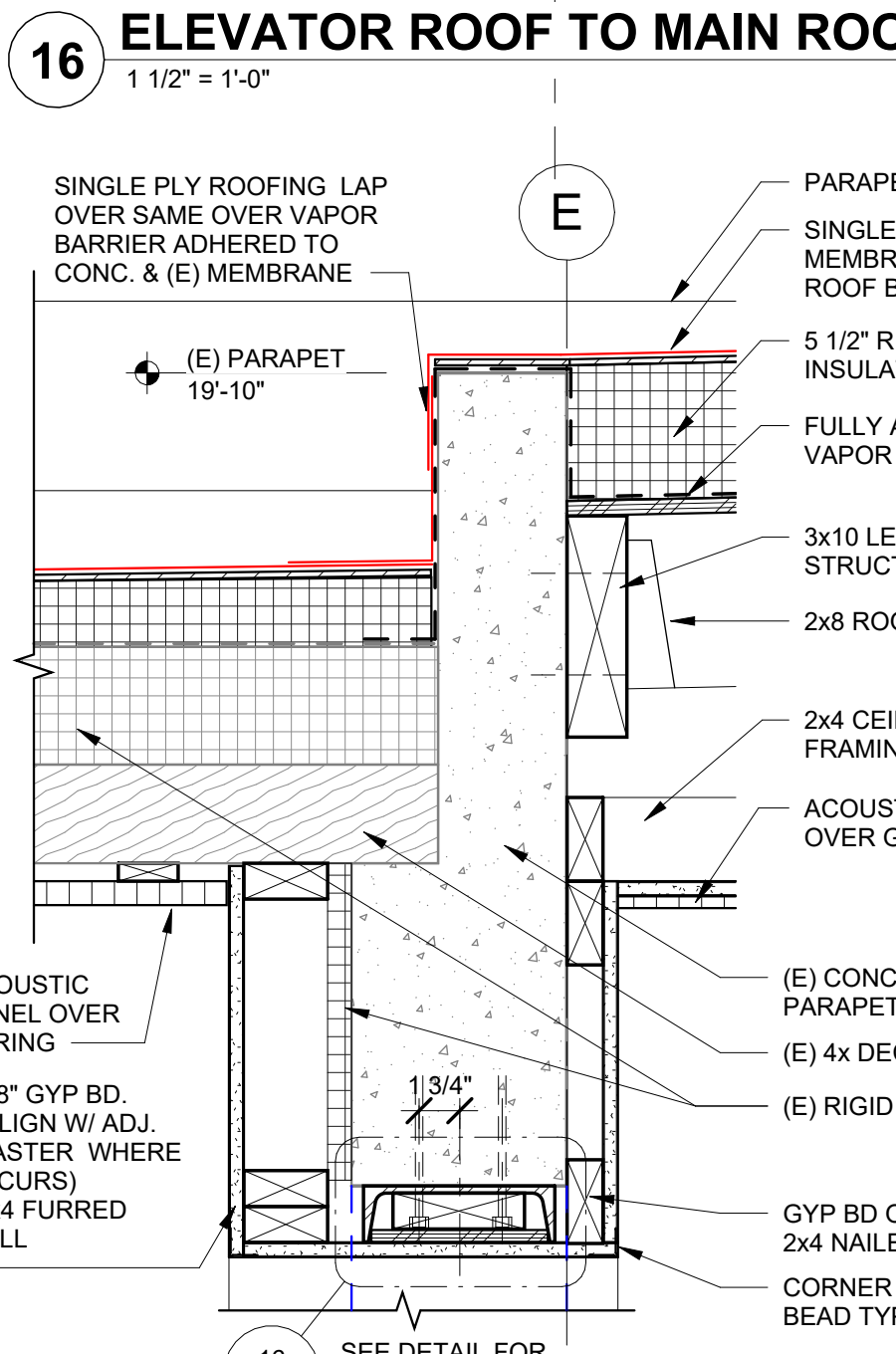
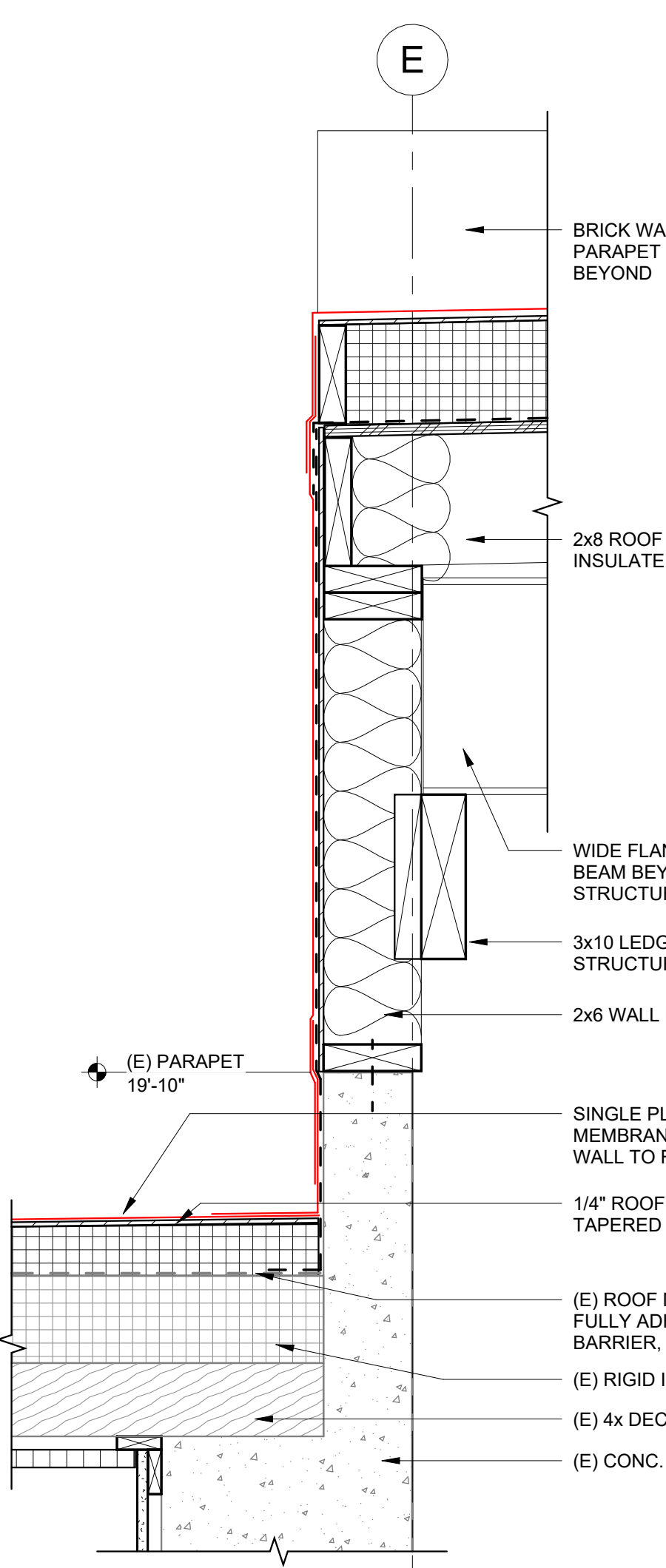
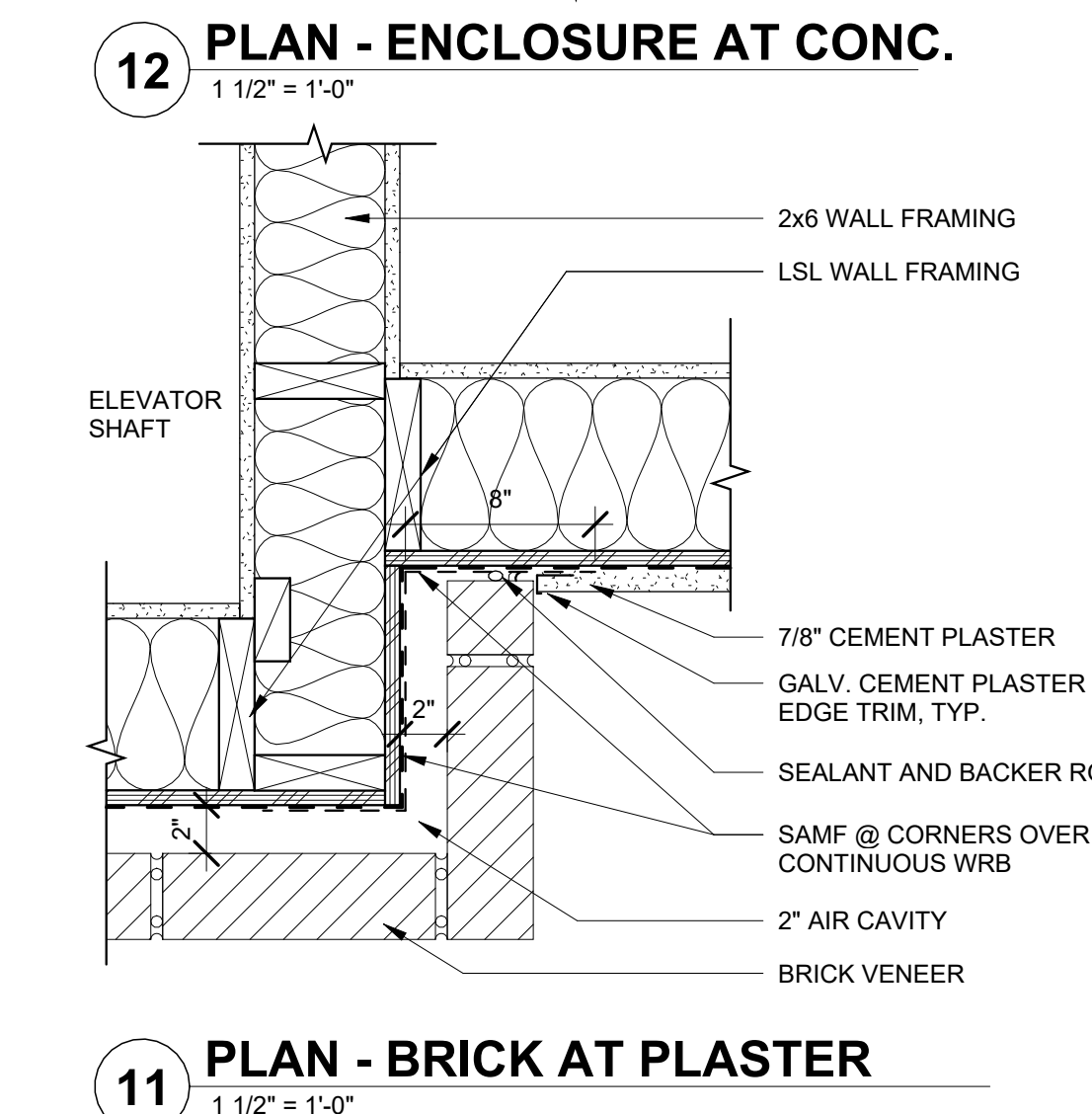
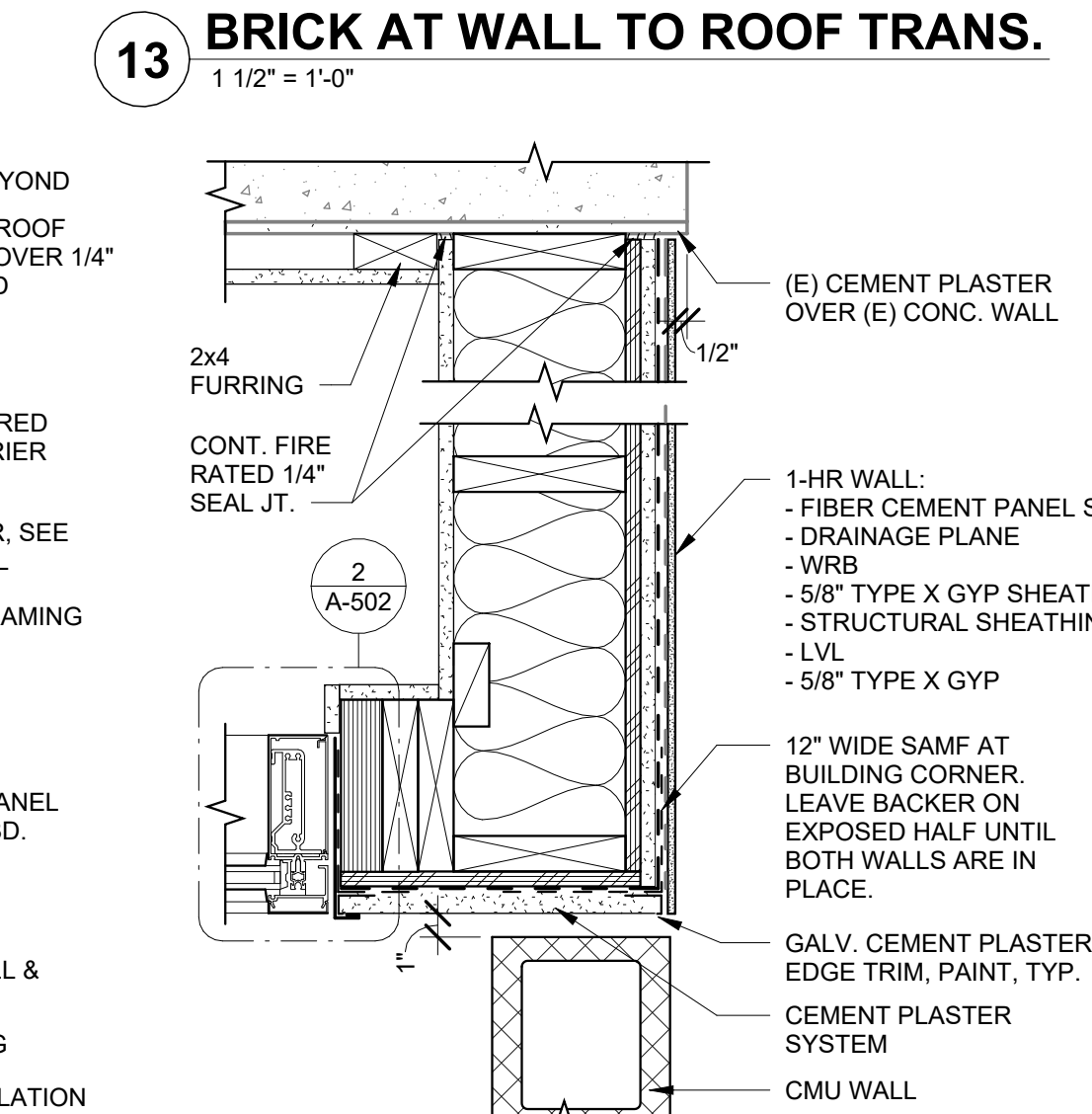
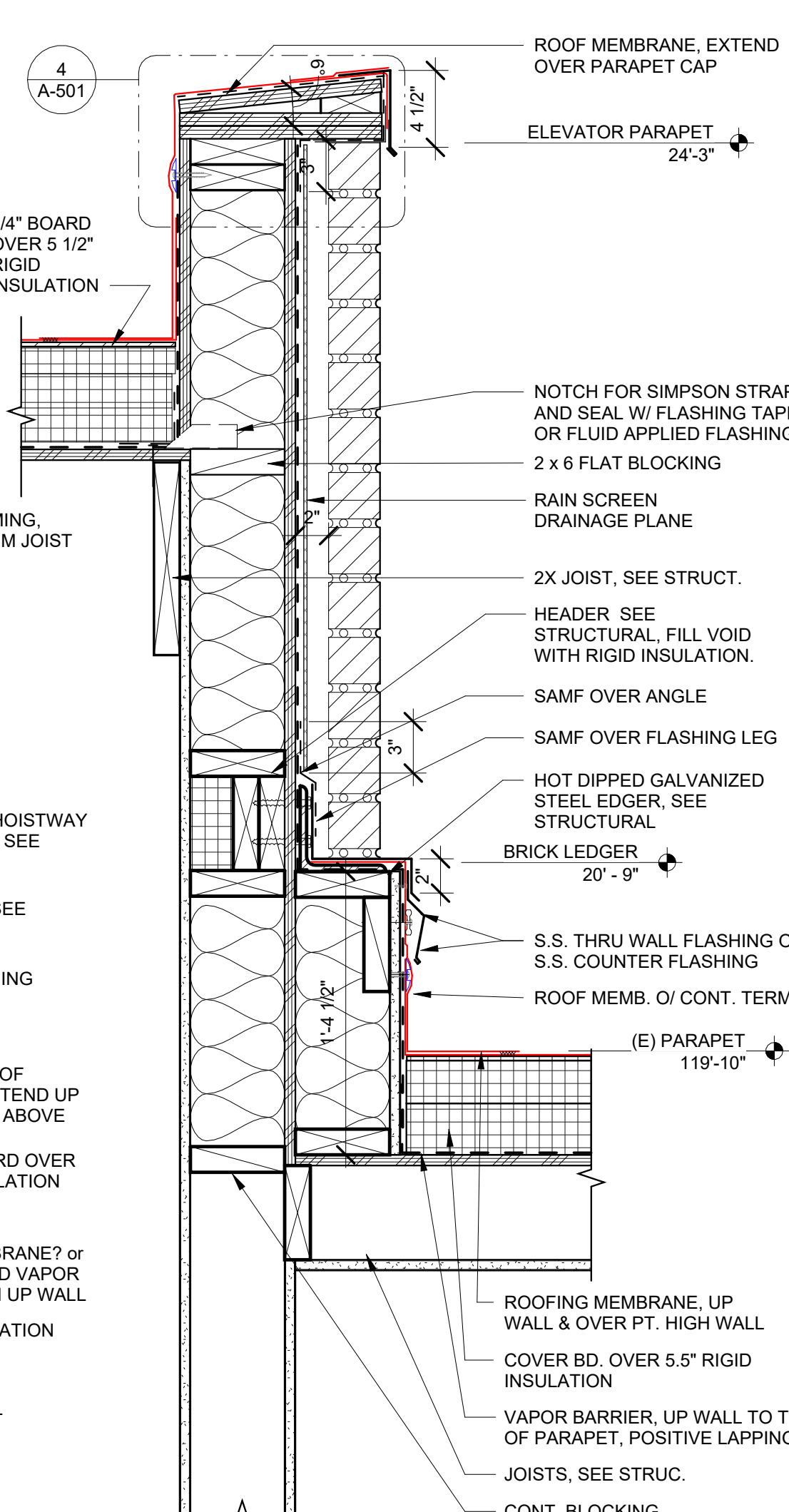
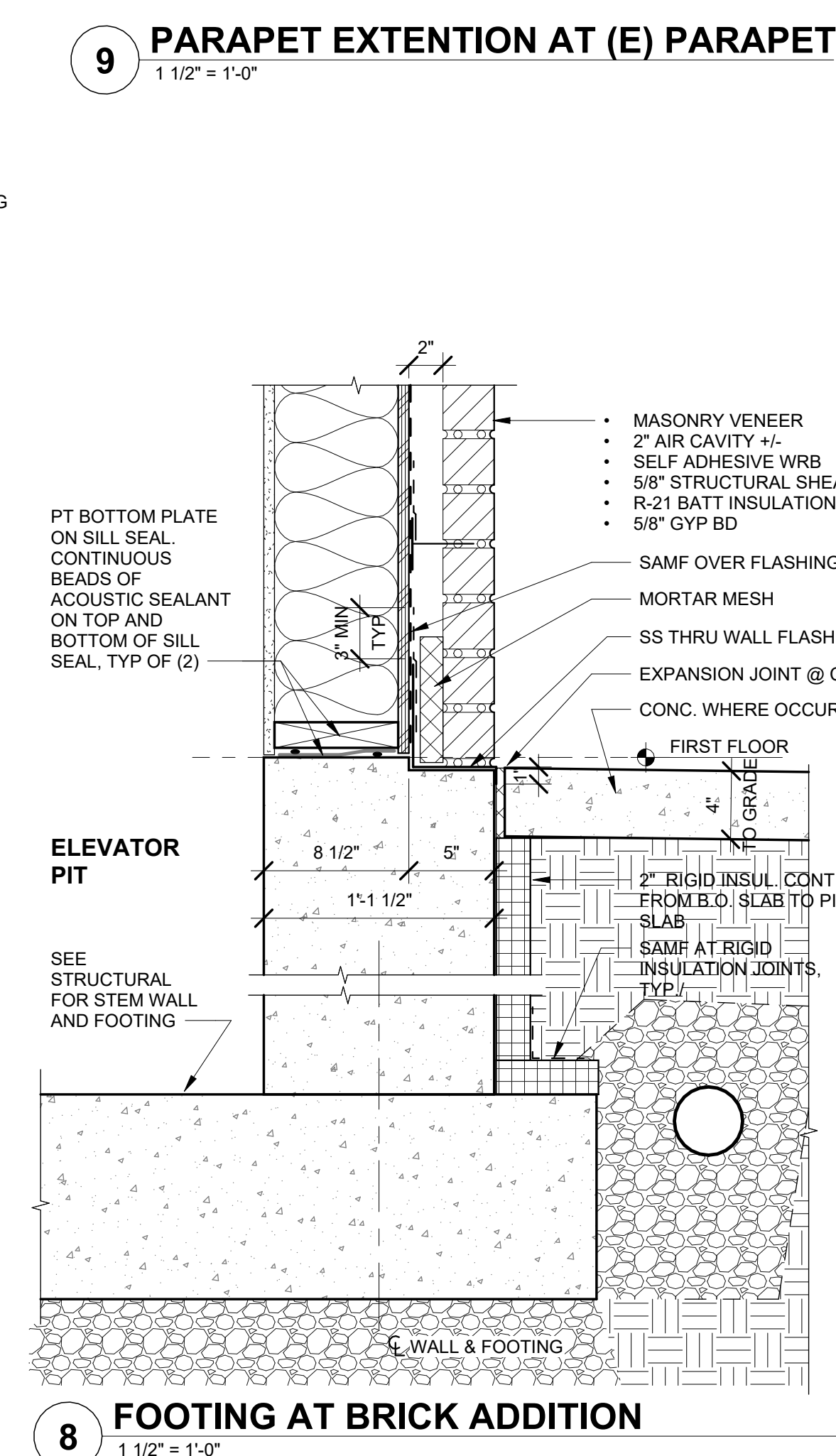
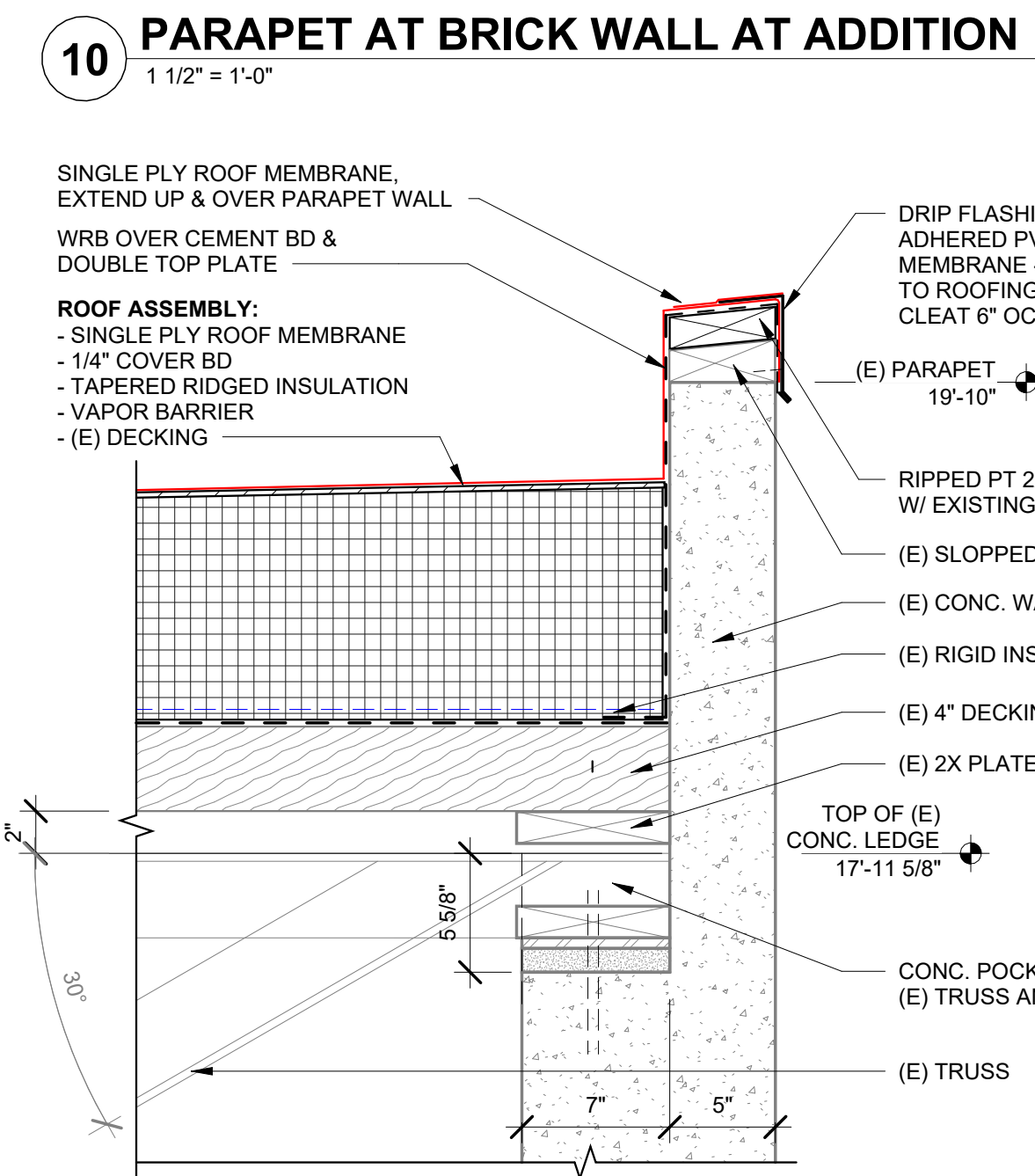
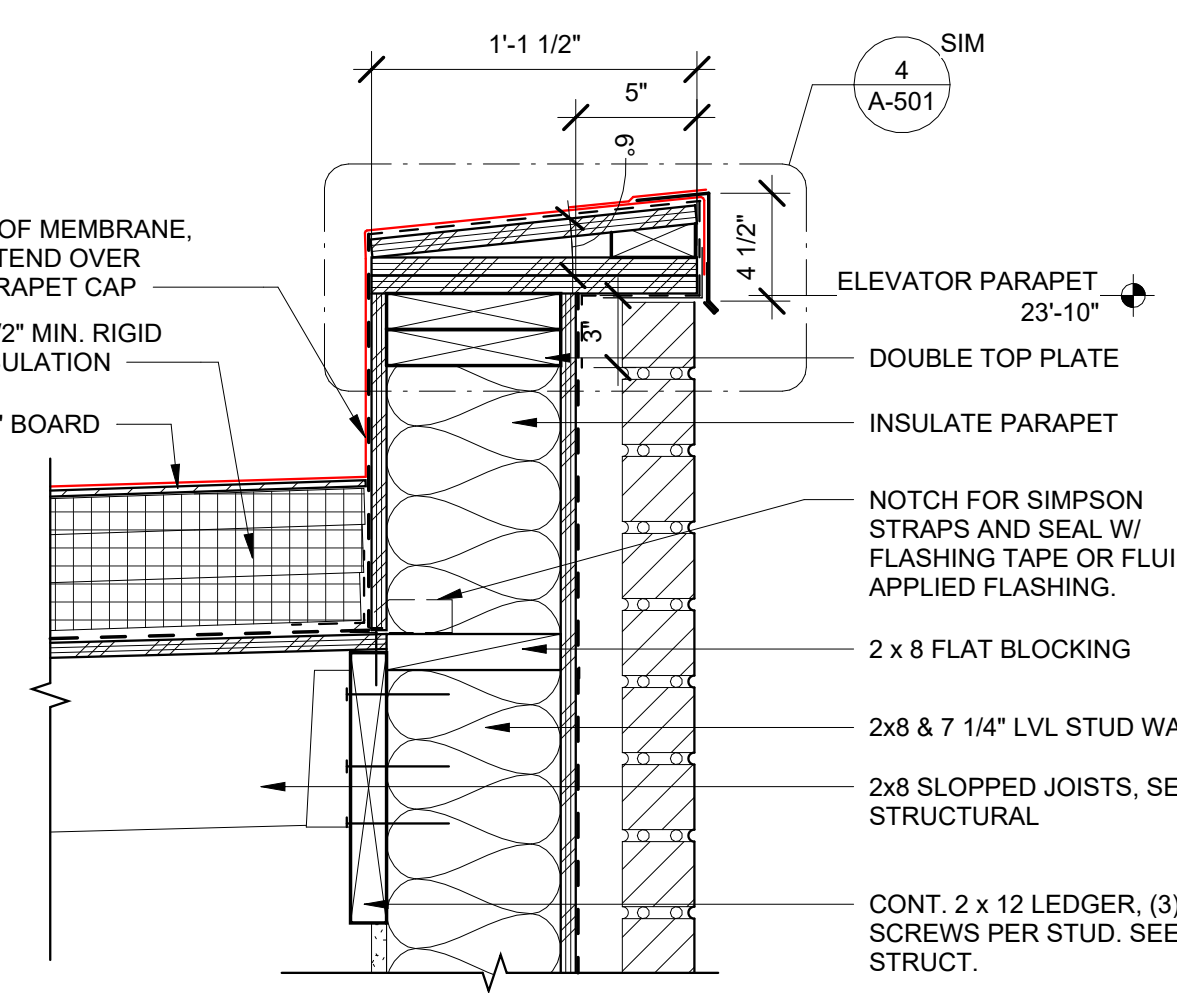
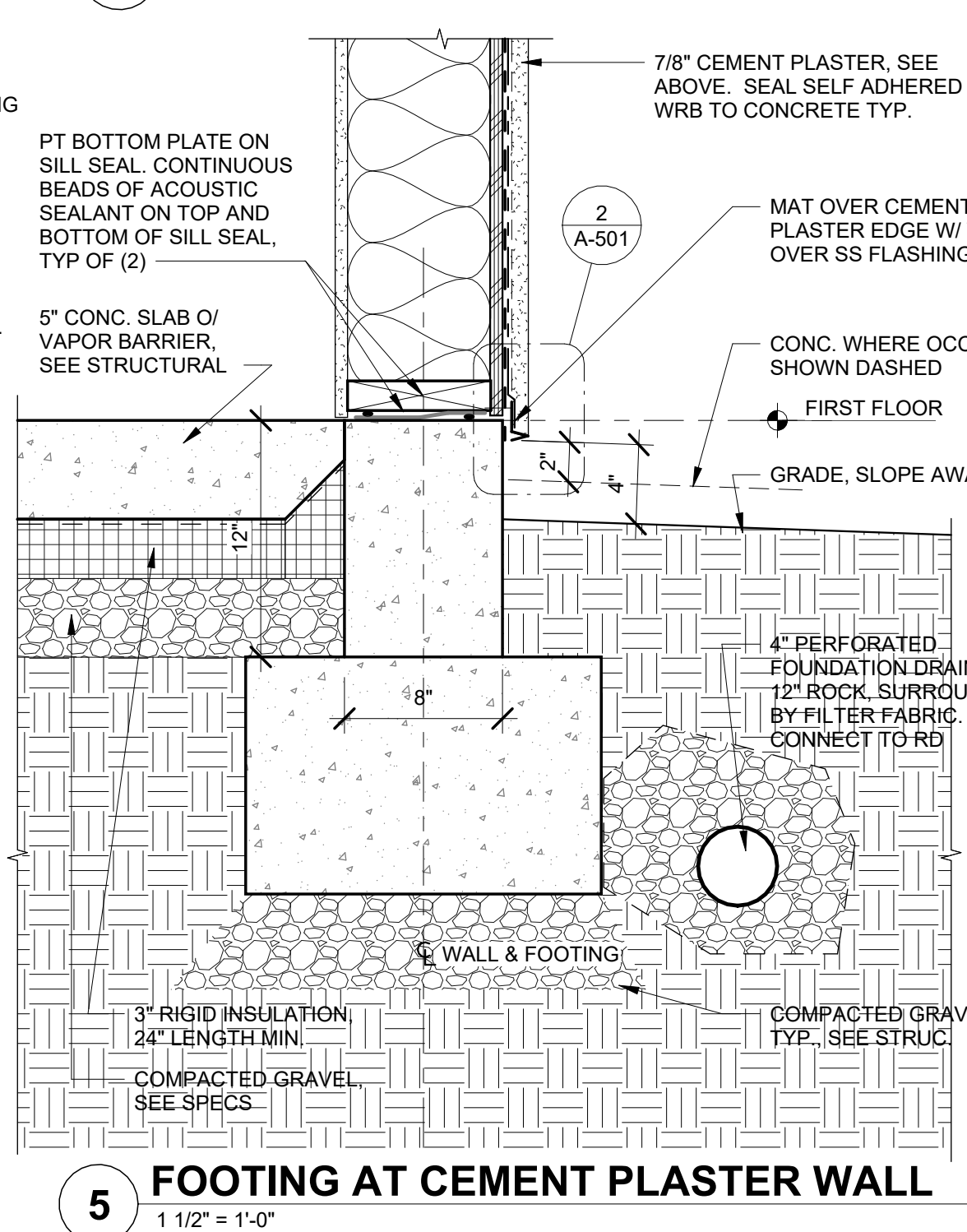
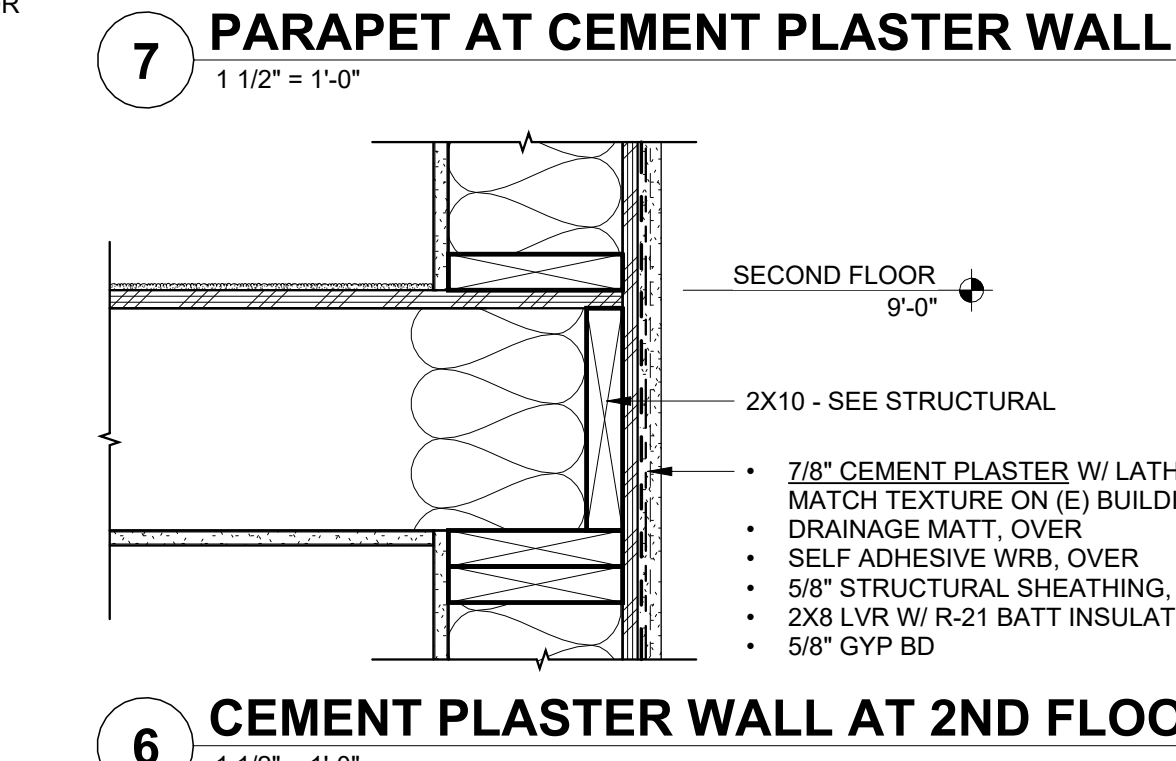
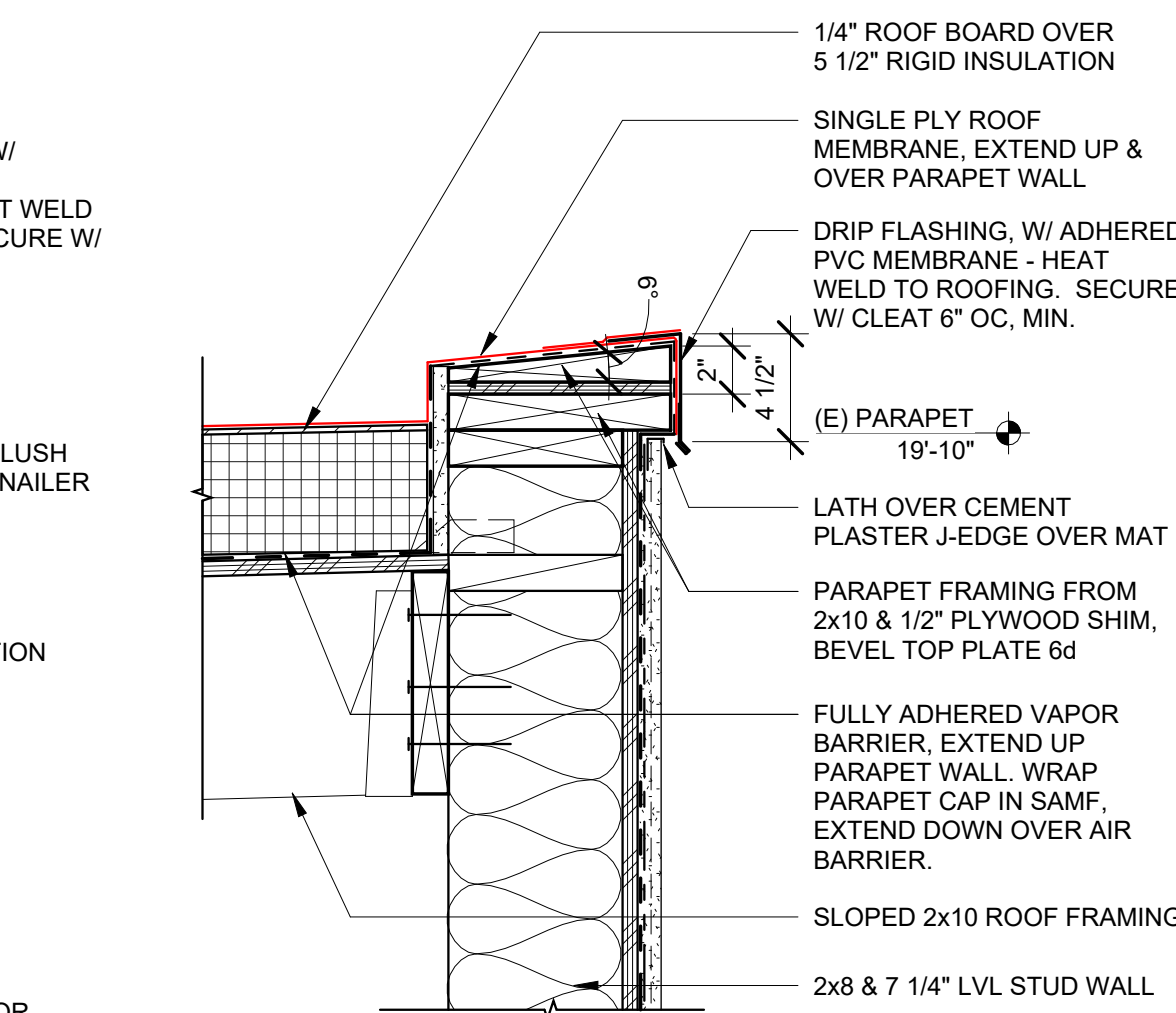
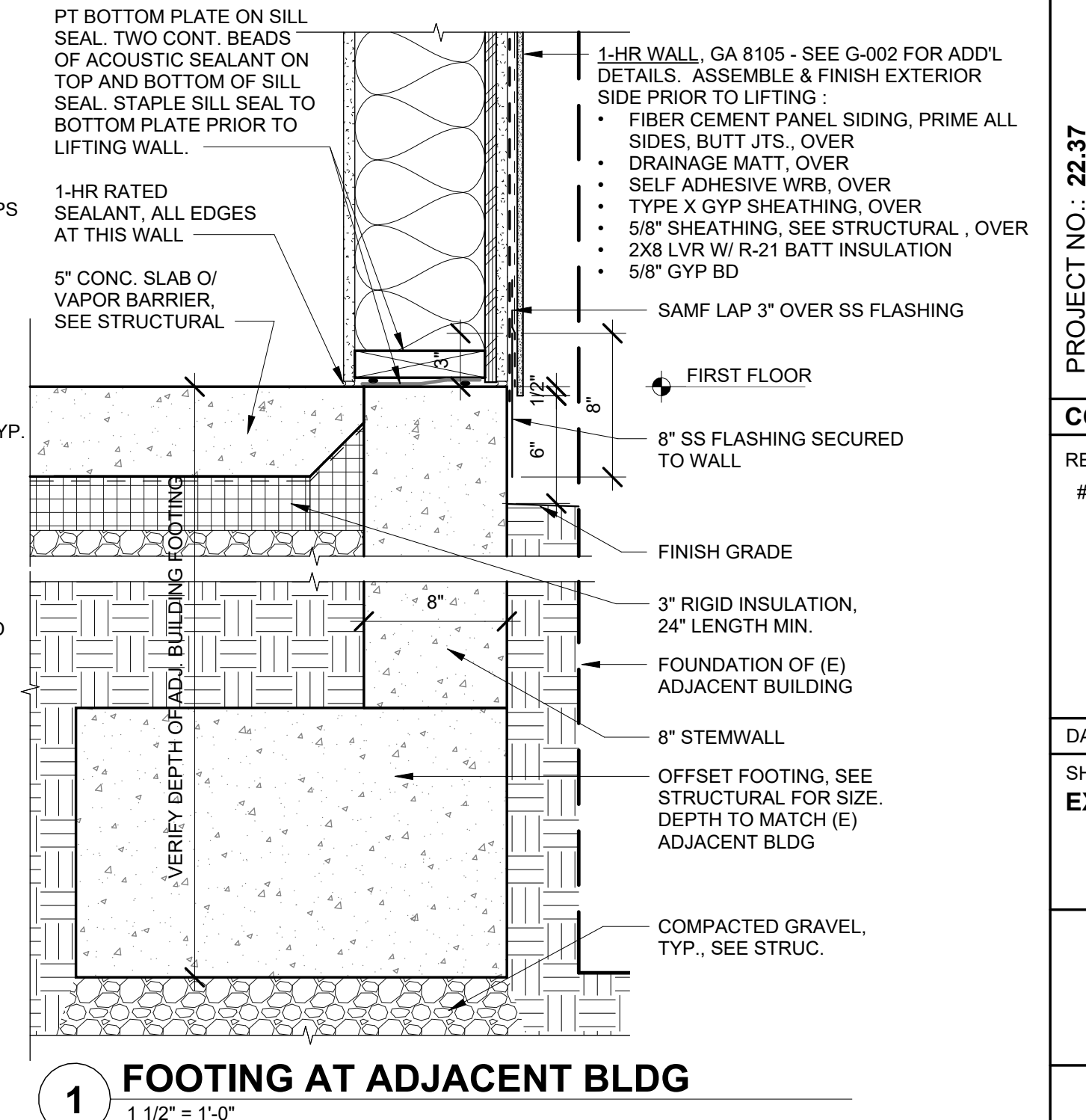
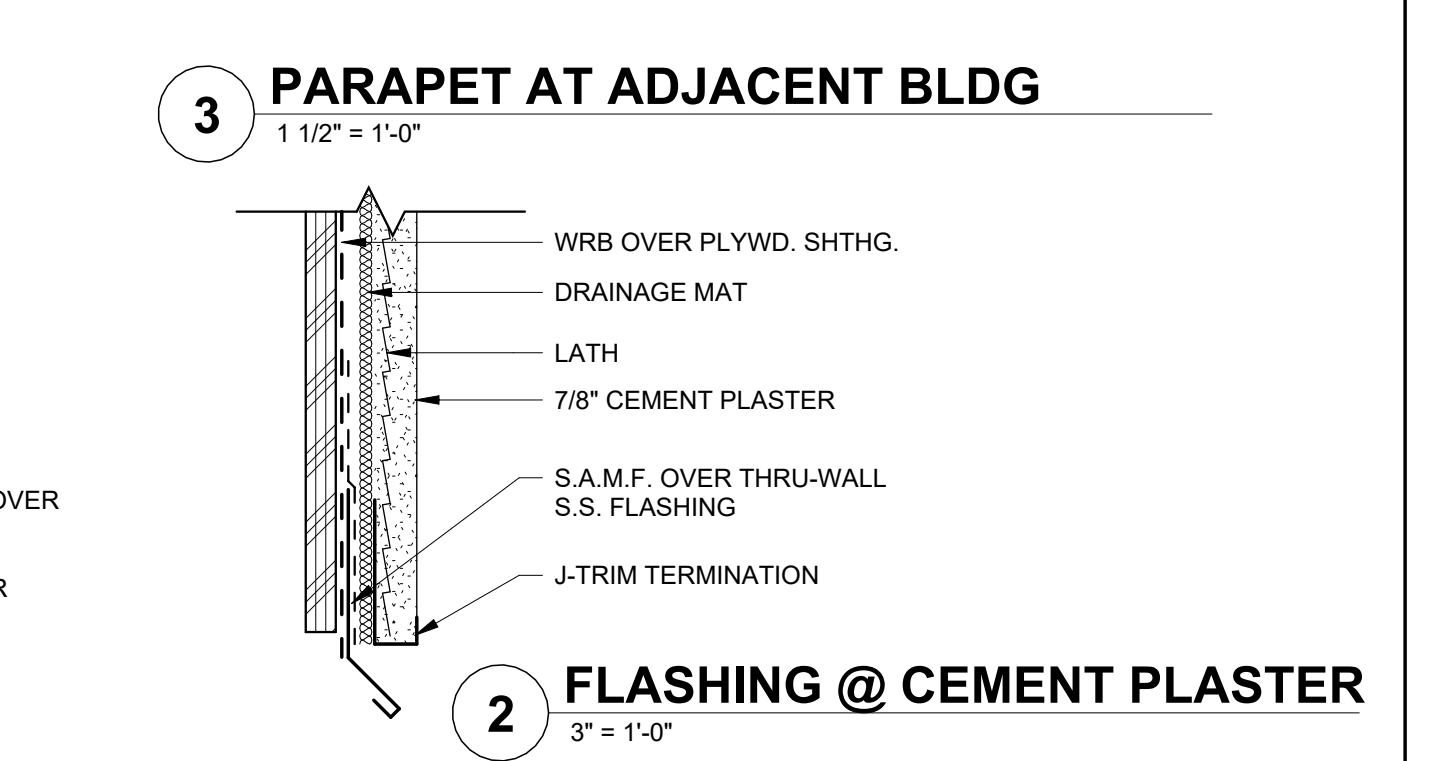
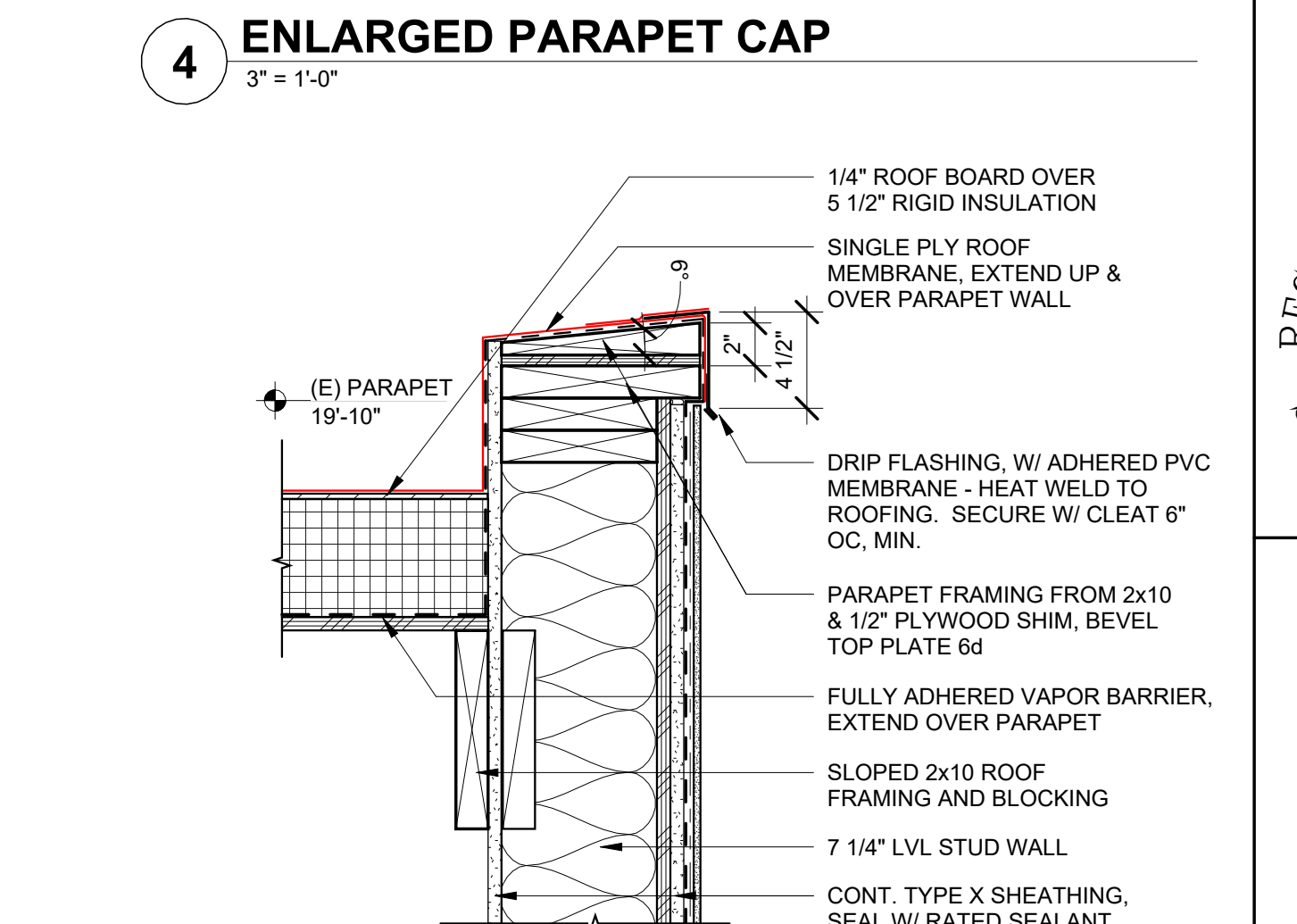
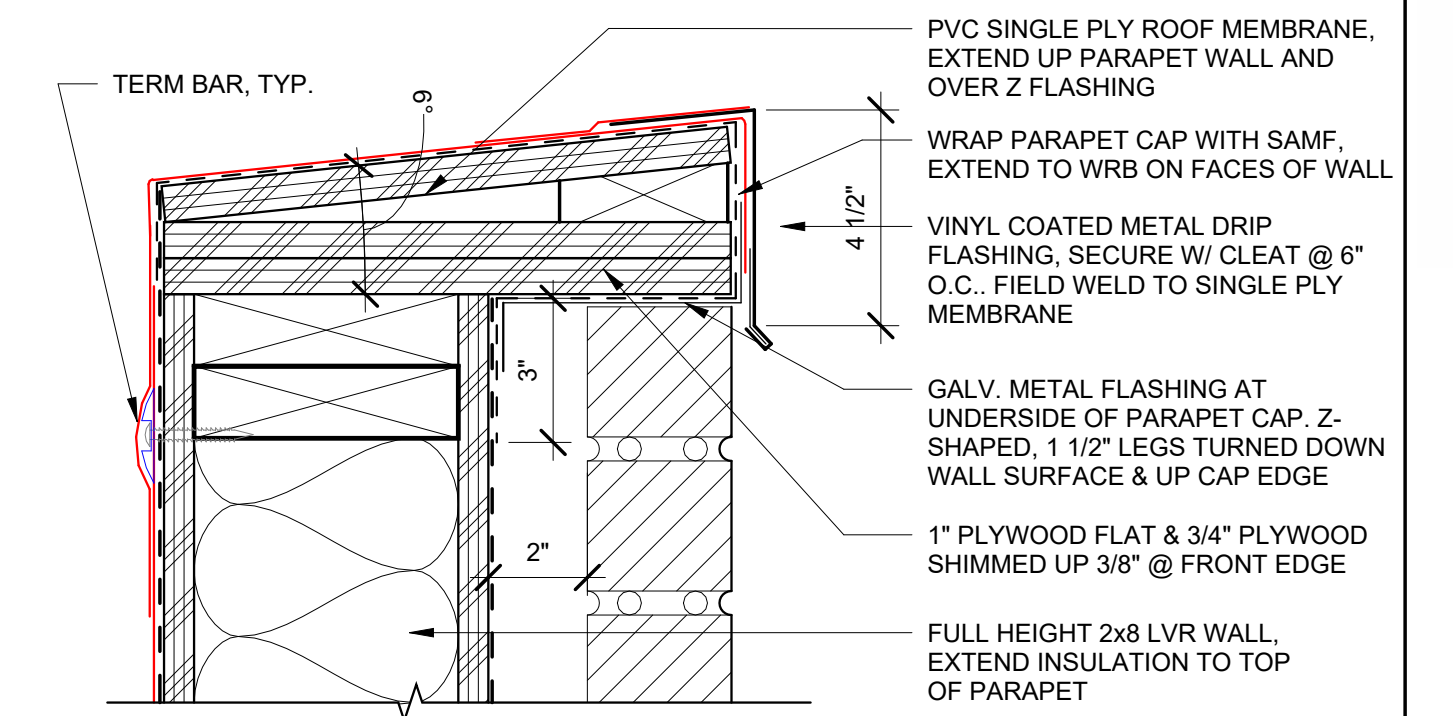
1 SOUTH ELEVATION - EXISTING
1/4" = 1'-0"

CONSTRUCTION

REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023
SHEET TITLE:
EXTERIOR DETAILS

A-501



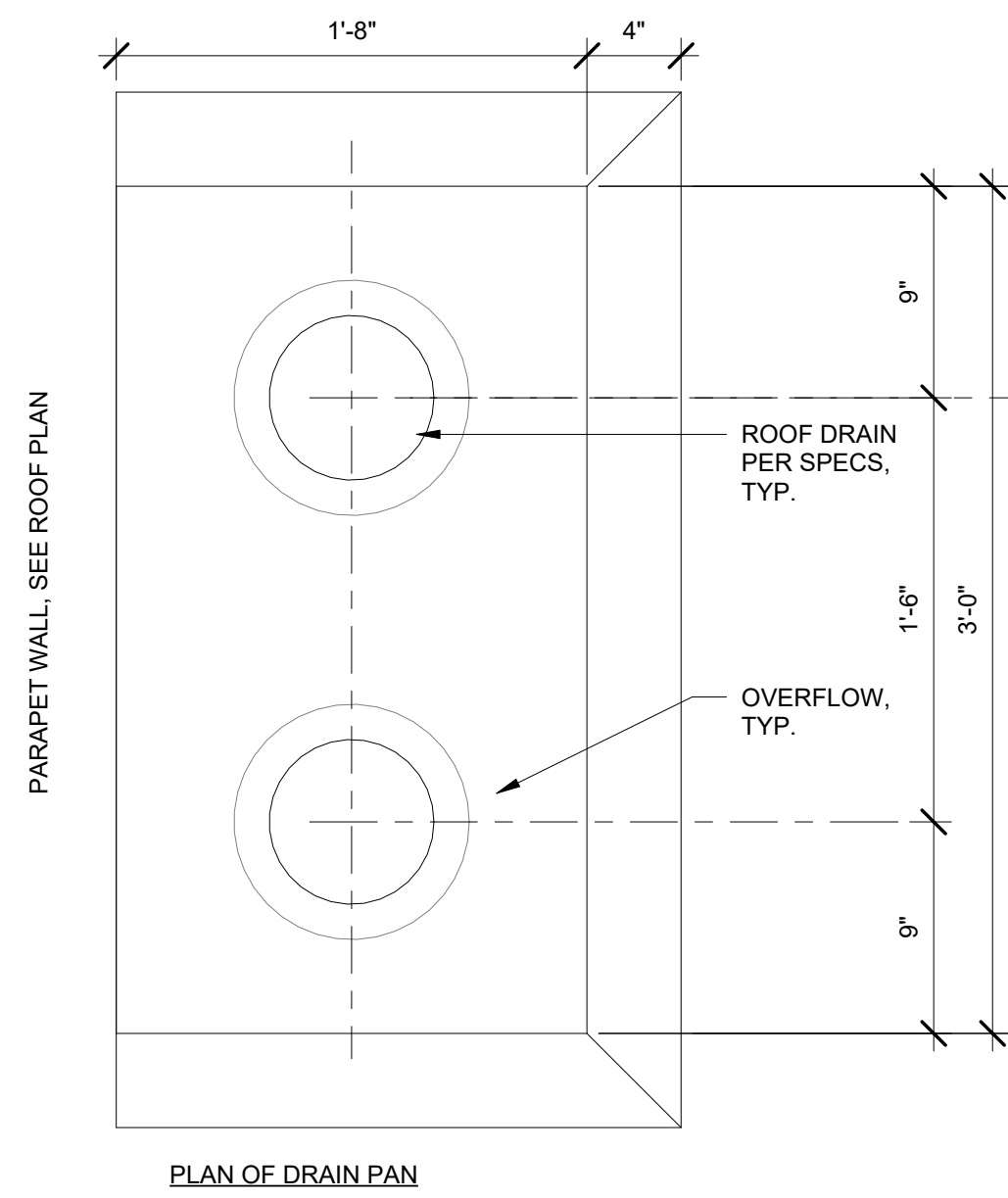
CONSTRUCTION

#	DATE	DESCRIPTION

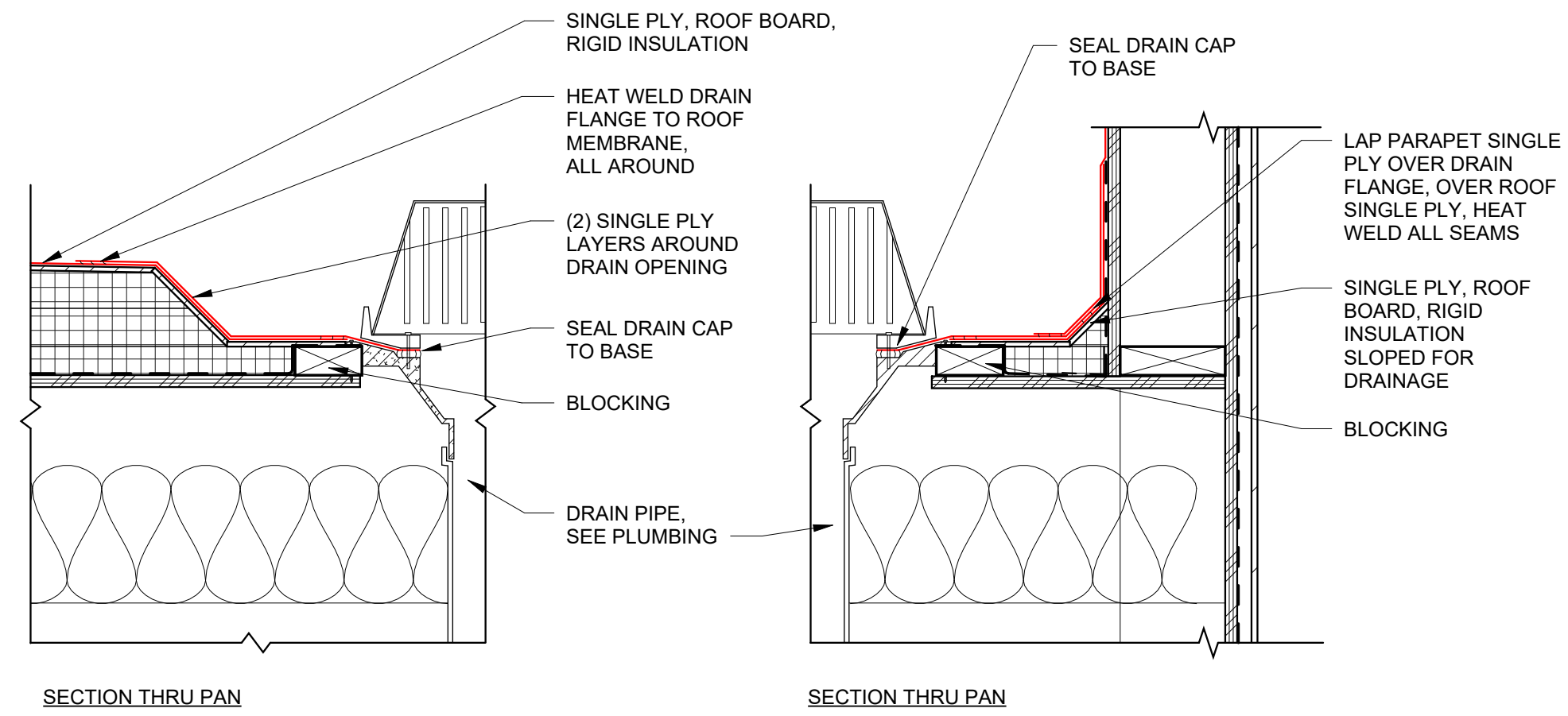
DATE: JULY 2023

SHEET TITLE:
EXTERIOR DETAILS

A-502

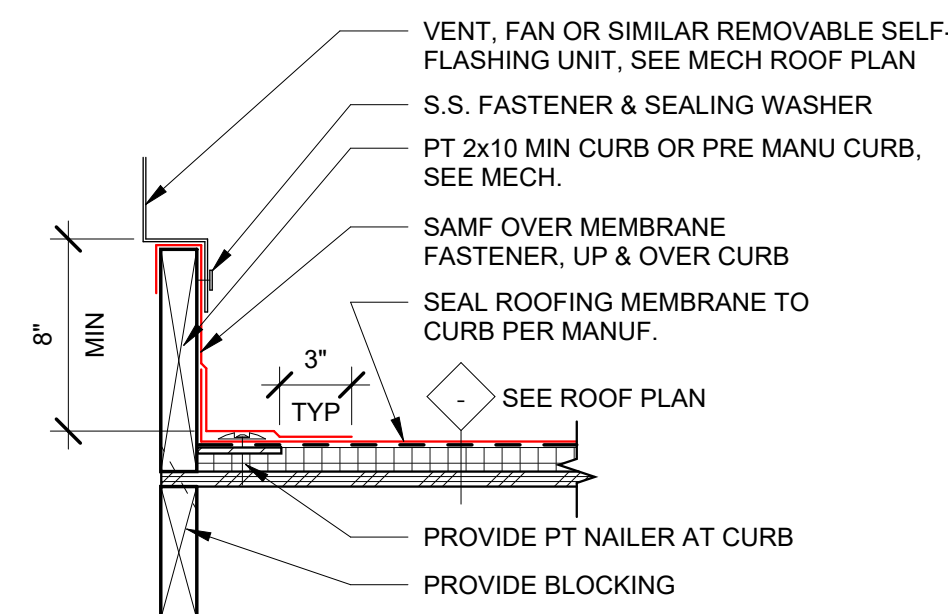


19 ROOF DRAINS
1 1/2" = 1'-0"

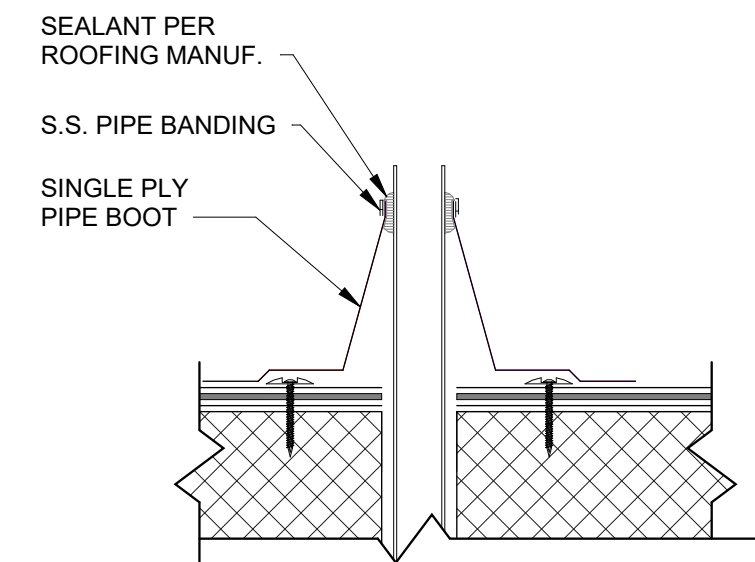


SECTION THRU PAN

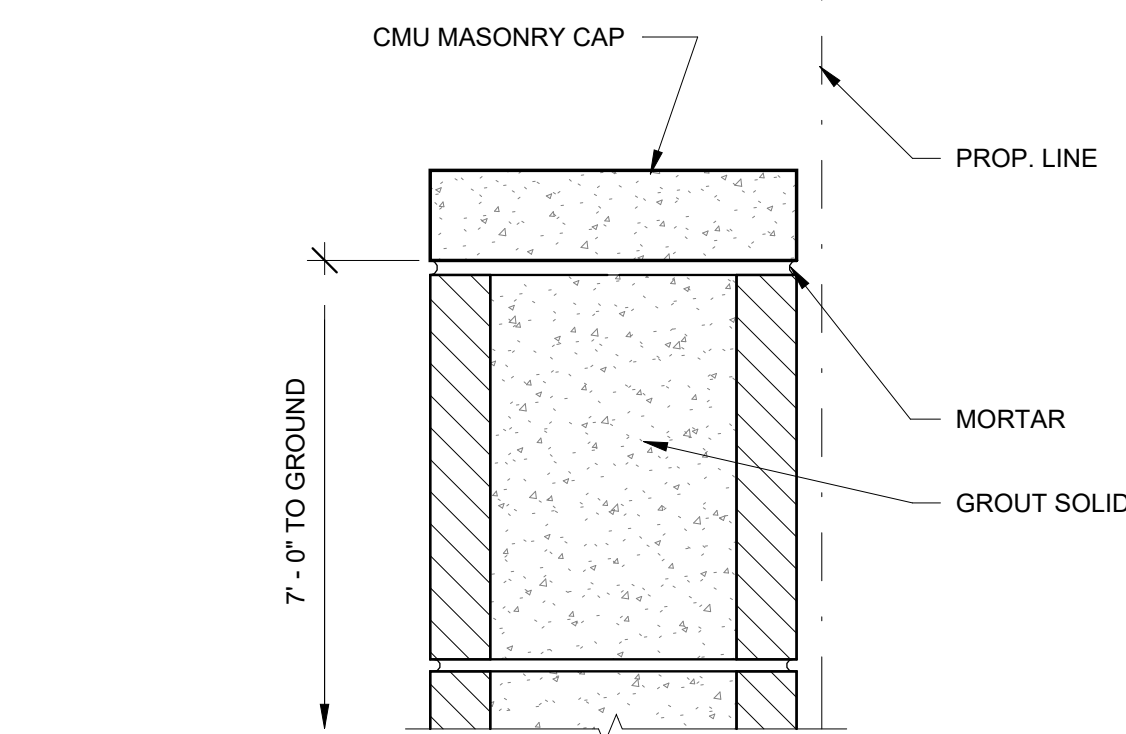
SECTION THRU PAN



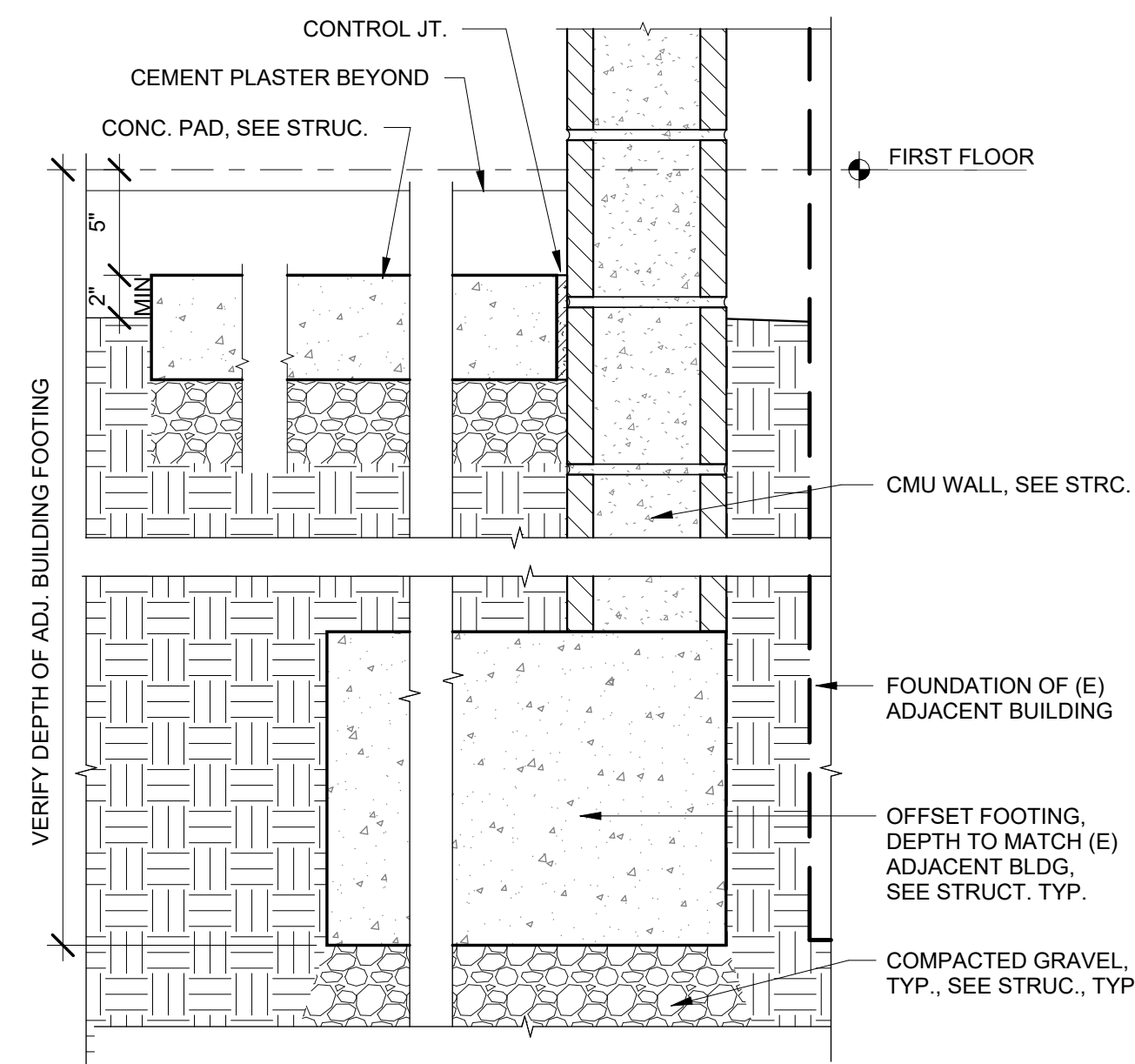
18 MECH. CURB
1 1/2" = 1'-0"



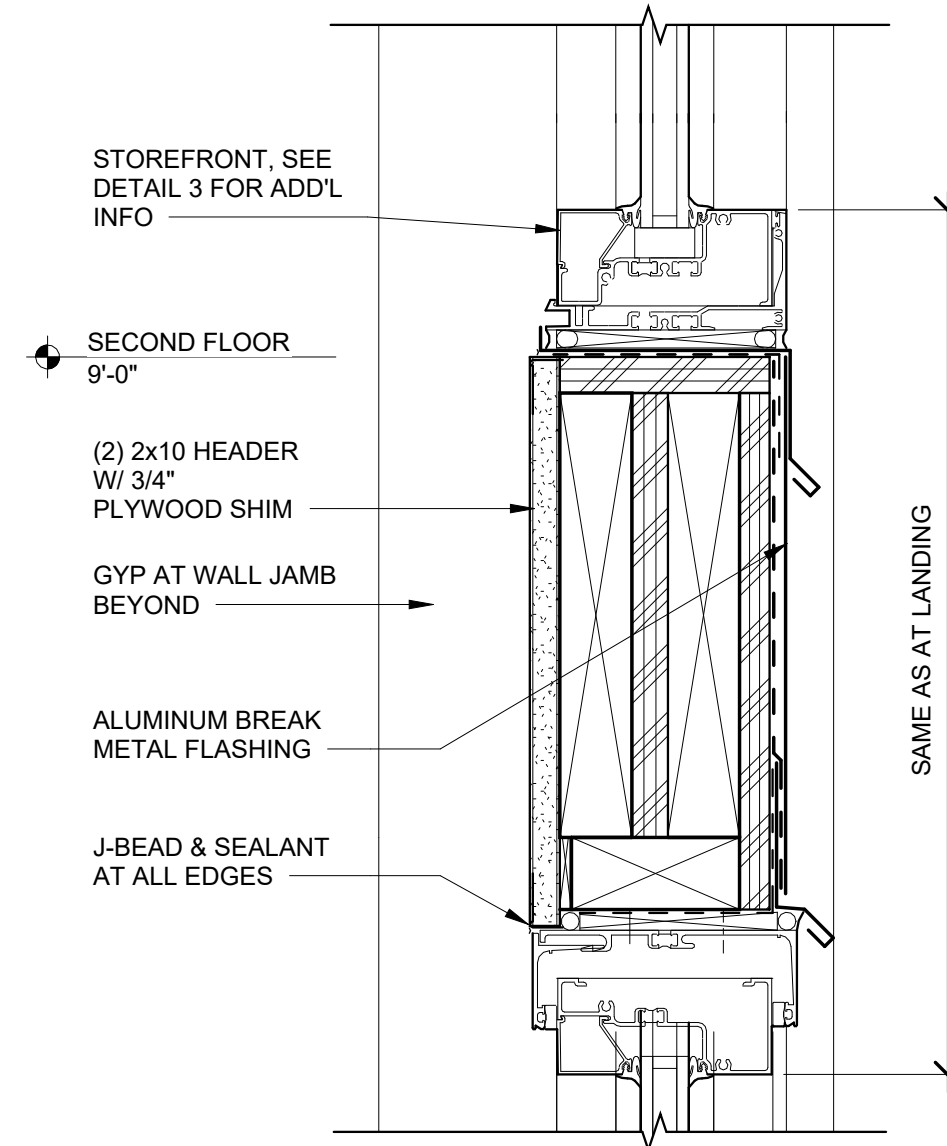
15 ROOF VENT
1 1/2" = 1'-0"



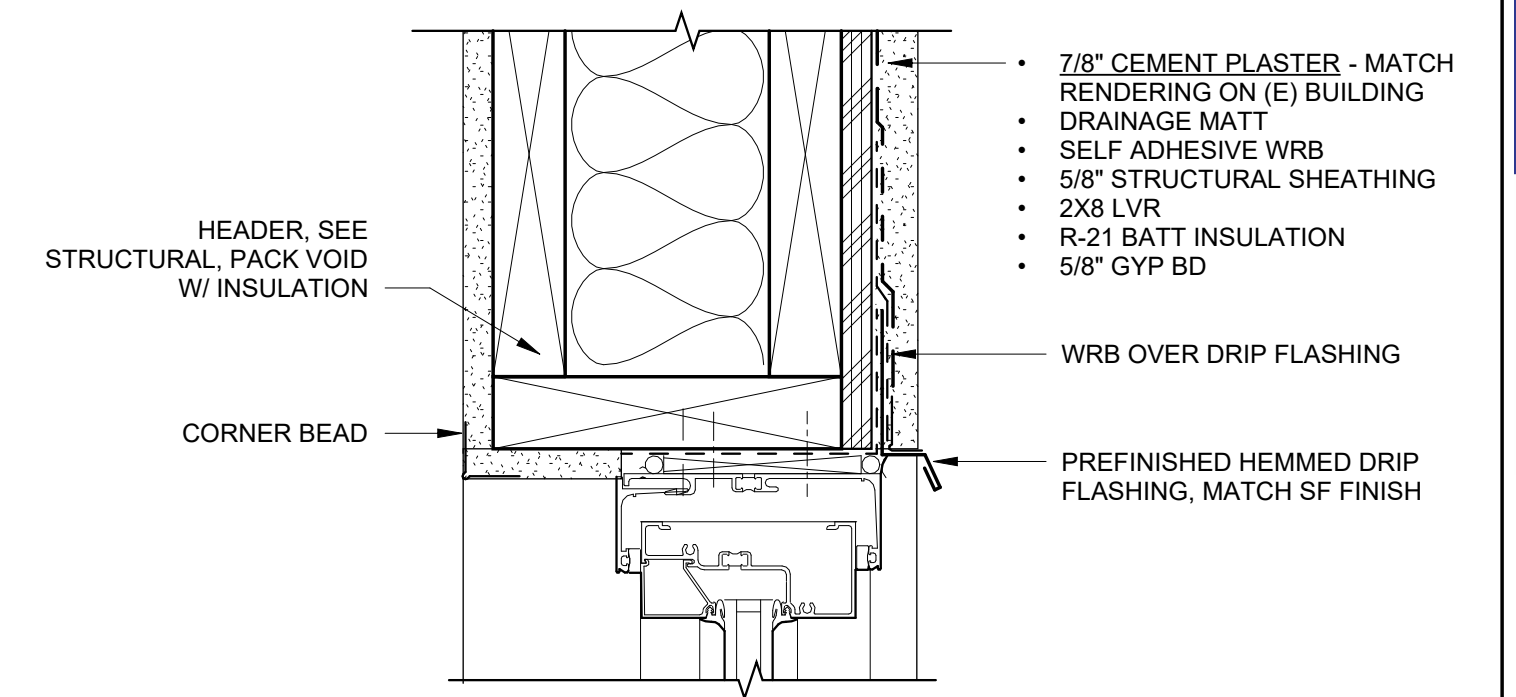
11 CMU CAP
3" = 1'-0"



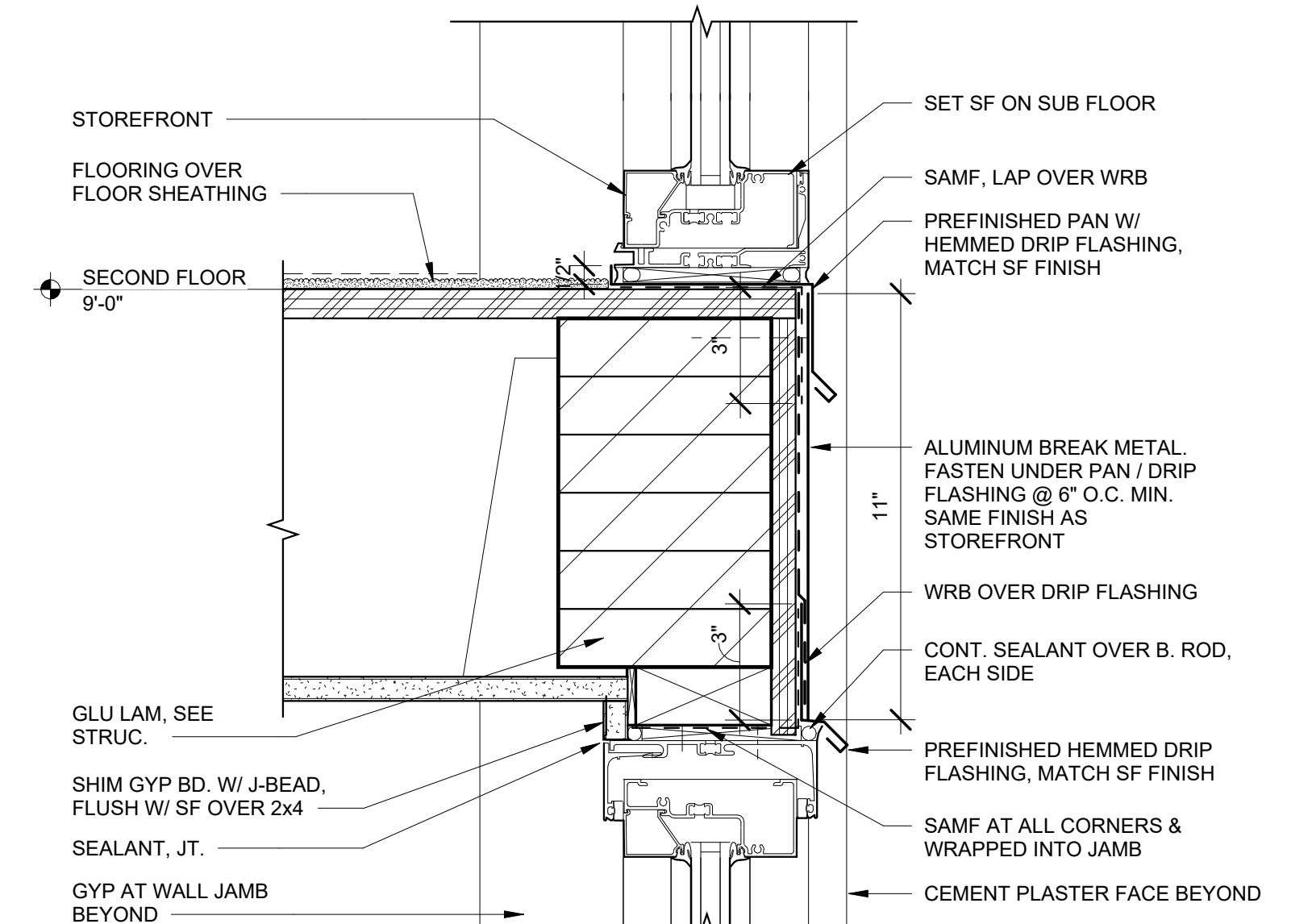
10 FOOTING AT CMU WALL
1 1/2" = 1'-0"



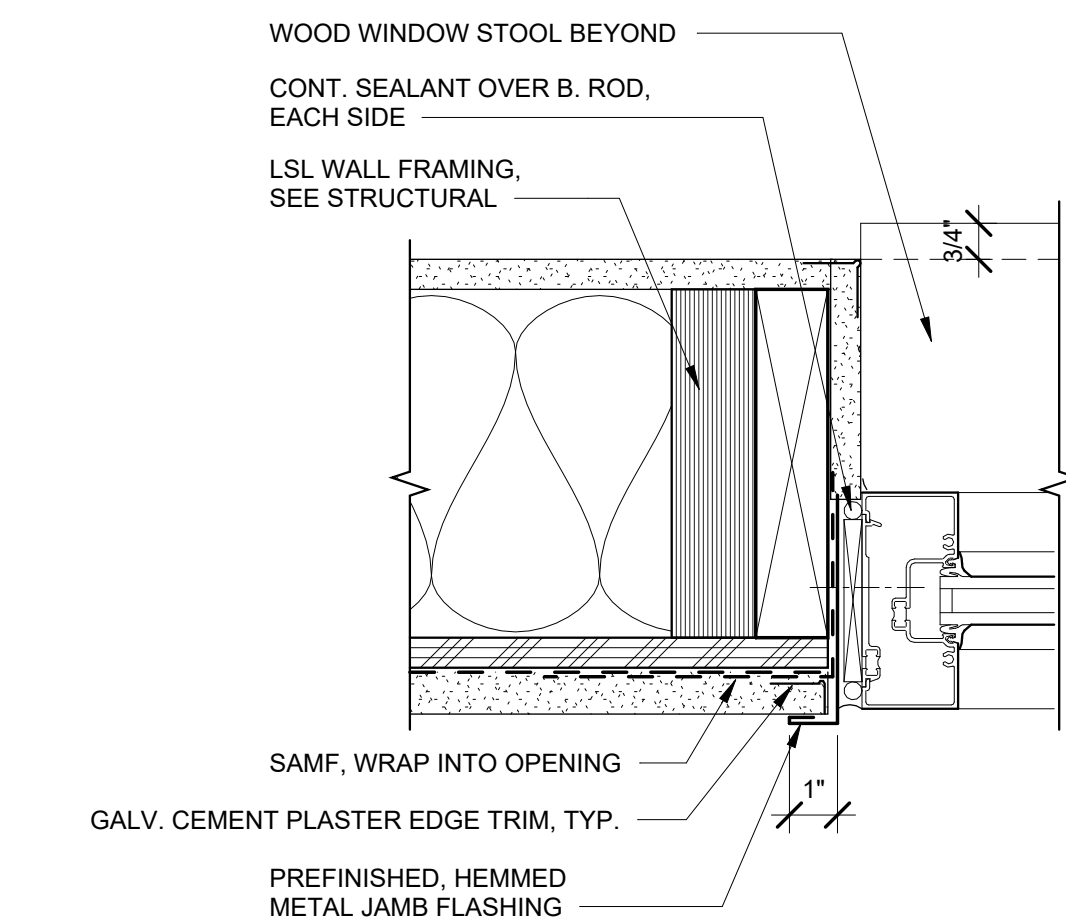
7 STOREFRONT TRANSITION
3" = 1'-0"



4 STOREFRONT HEAD
3" = 1'-0"

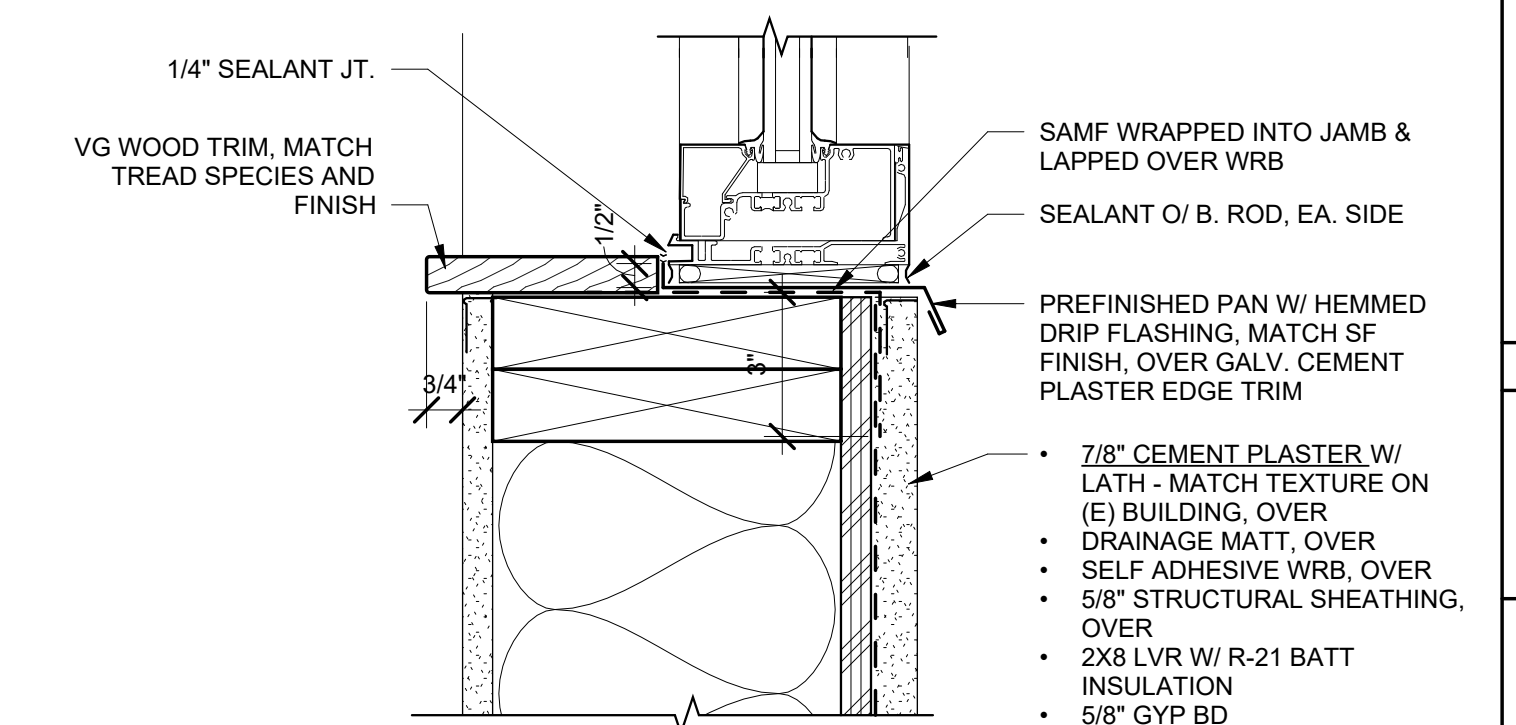


3 STOREFRONT AT LANDING AT ADDITION
3" = 1'-0"



2 STOREFRONT JAMB AT ADDITION
3" = 1'-0"

TYPICAL NOTE: GYP BD, J-BEAD AND CORNERS BEADS TO BE CONTINUOUS AND FINISHED AROUND ENTIRE OPENING PRIOR TO INSTALLING WINDOW STOOL. STOOL TO BE PRE FINISHED. EASE ALL EXPOSED EDGES OF STOOL W/ UNIFORM 1/8" RADIUS.



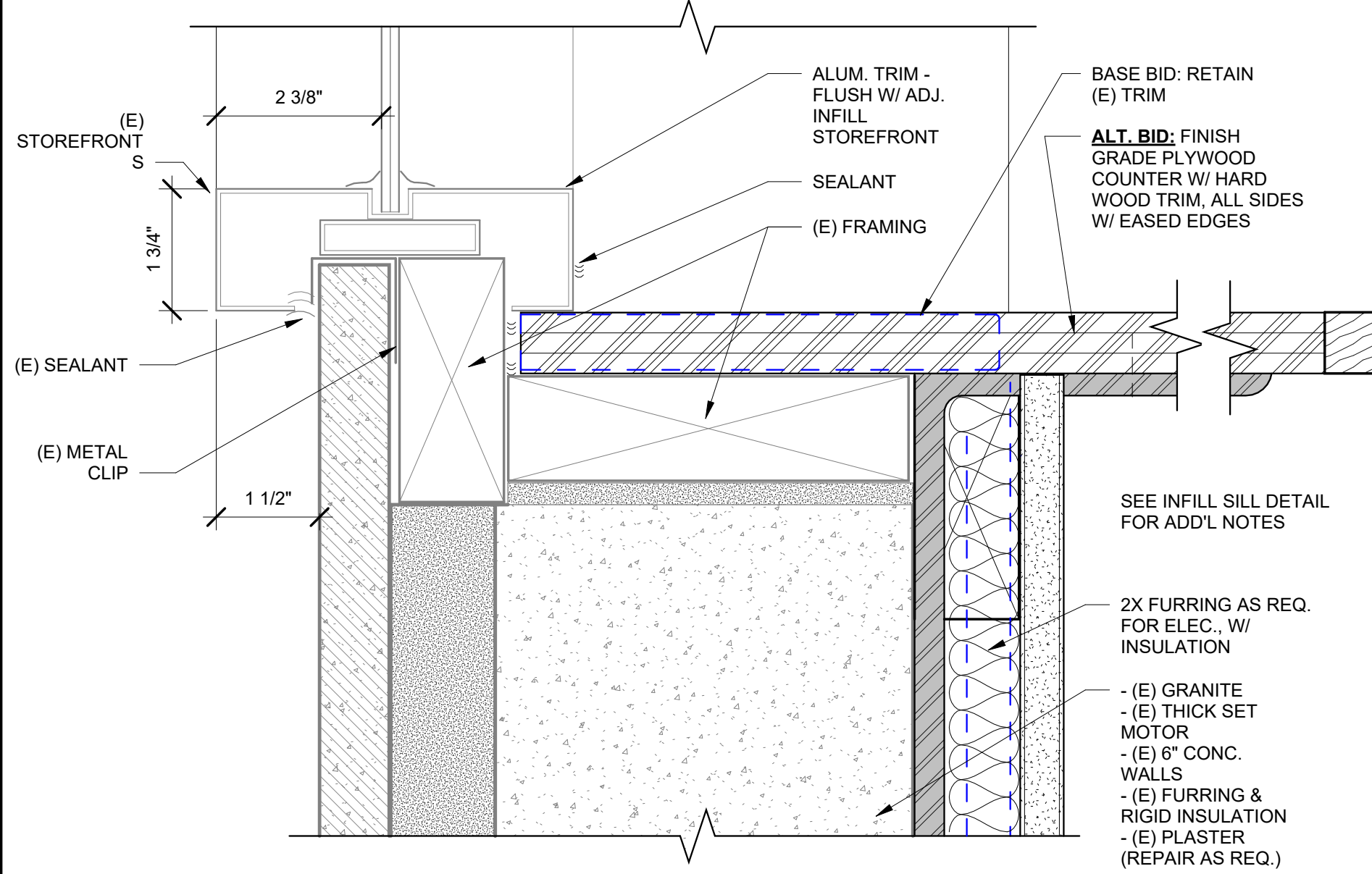
1 STOREFRONT SILL AT ADDITION
3" = 1'-0"

CONSTRUCTION

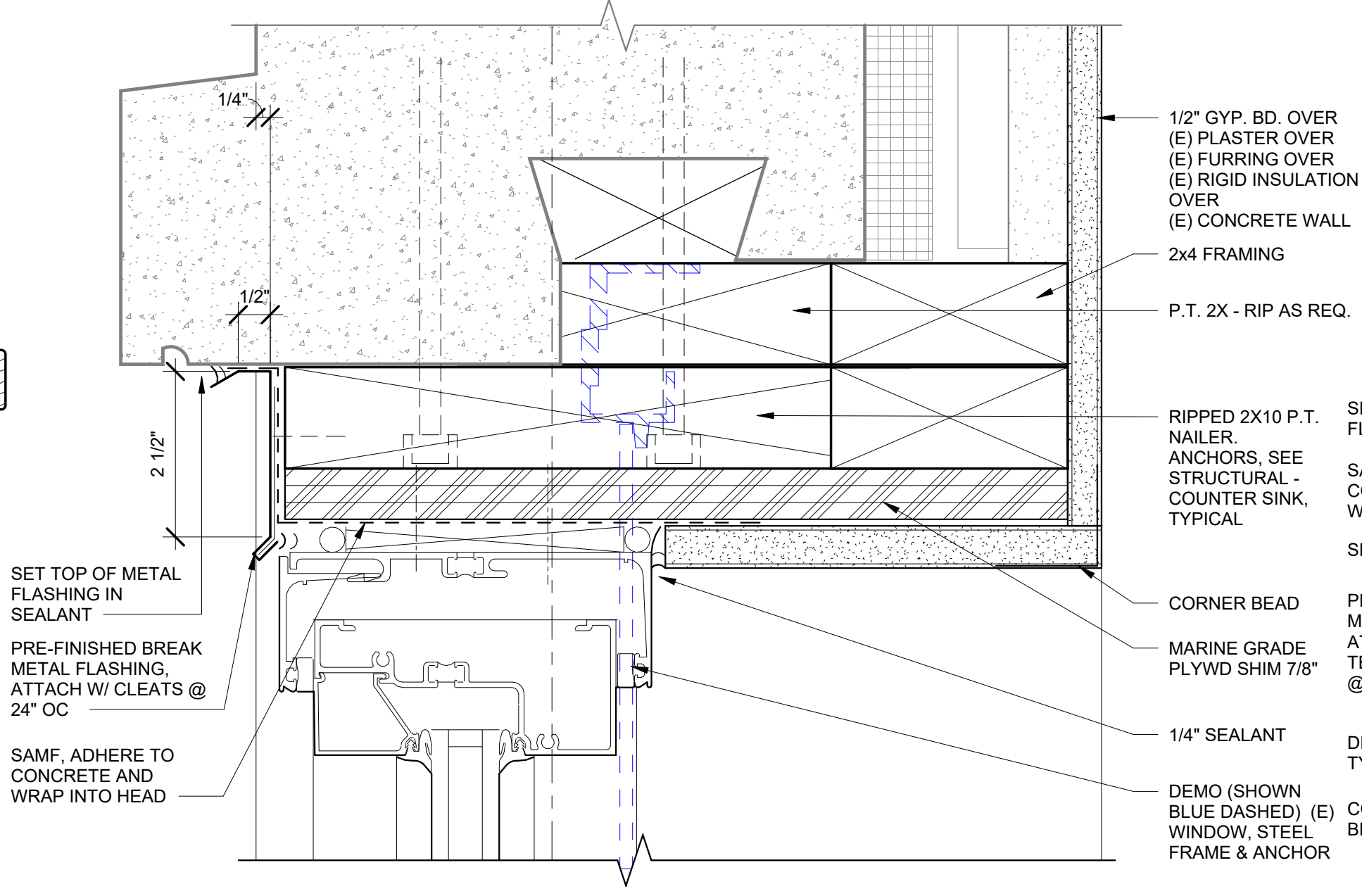
REVISIONS:

#	DATE	DESCRIPTION

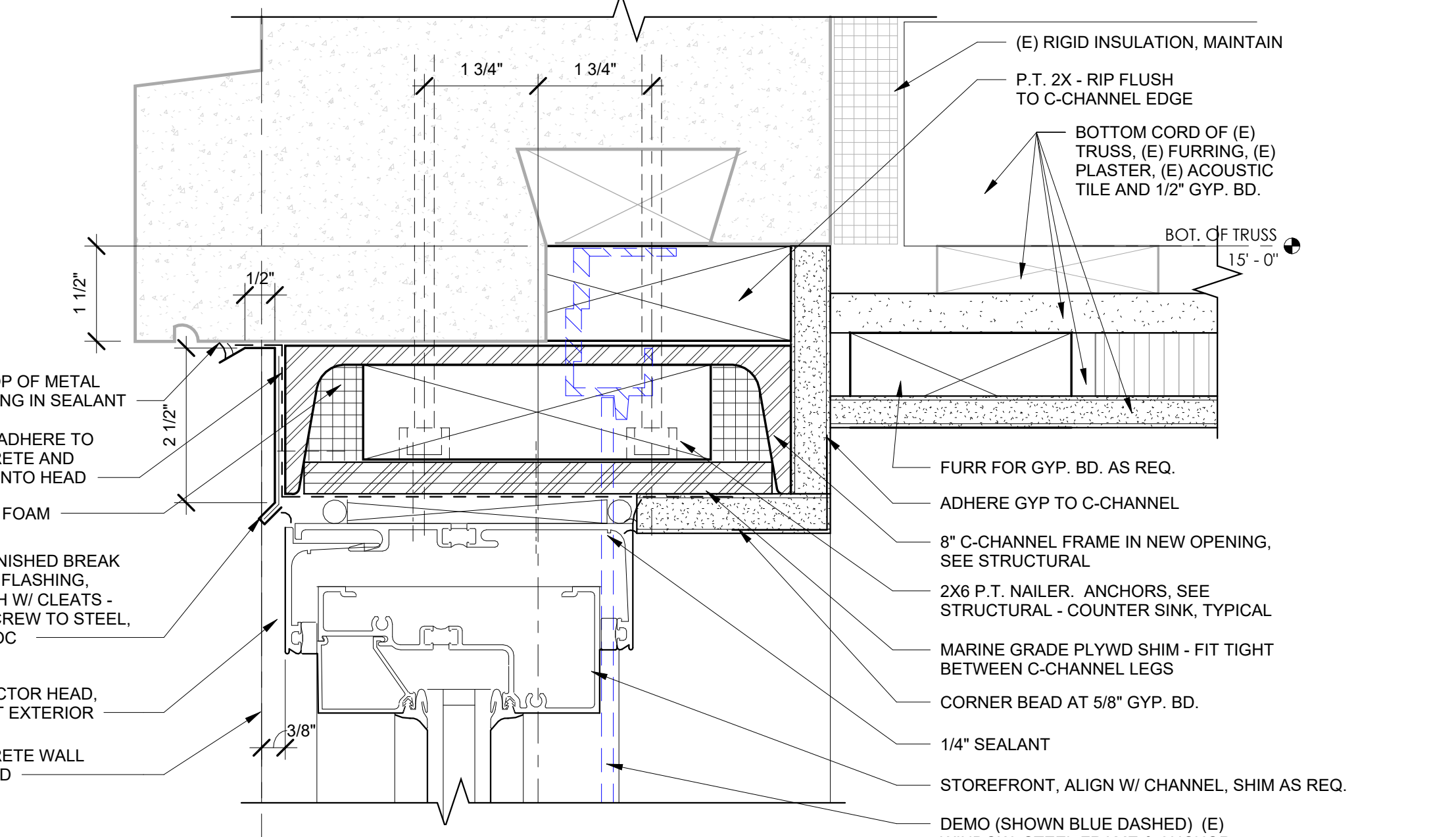
DATE: JULY 2023
SHEET TITLE:
**EXTERIOR DETAILS -
STOREFRONT
ENLARGED**



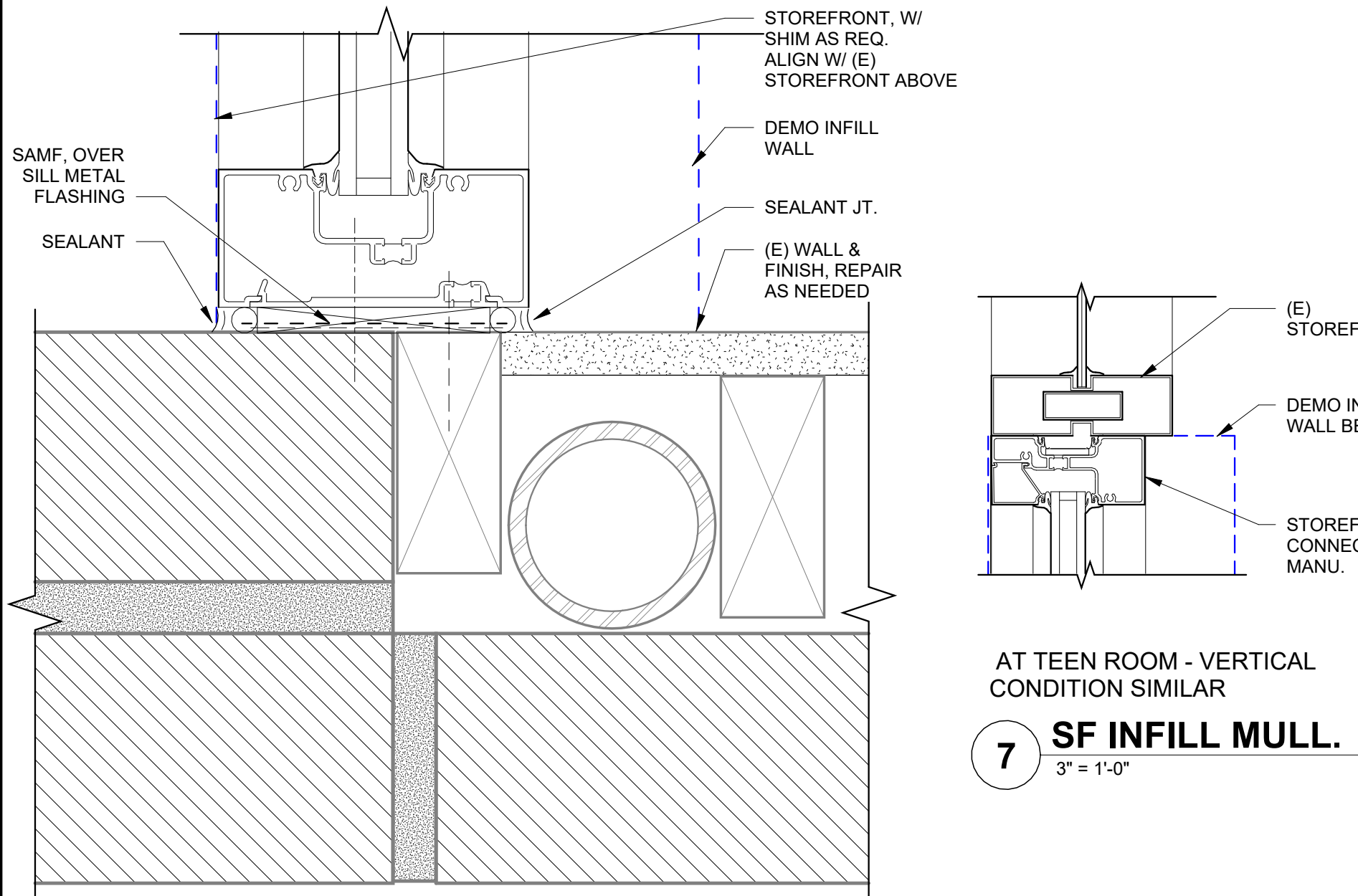
5 (E) STOREFRONT SILL IN TEEN ROOM
6" = 1'-0"



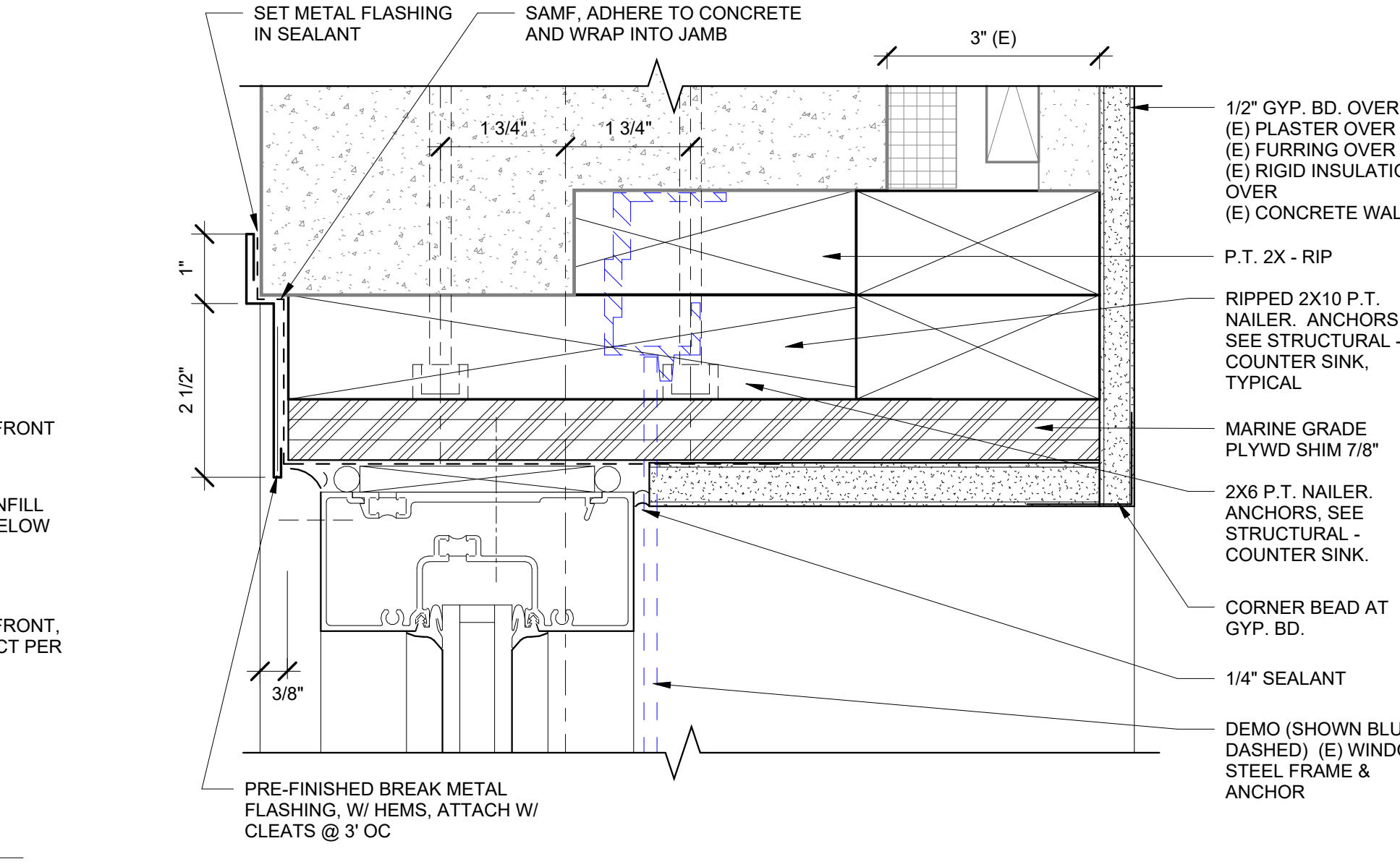
8 STOREFRONT HEAD AT CONCRETE WALL
6" = 1'-0"



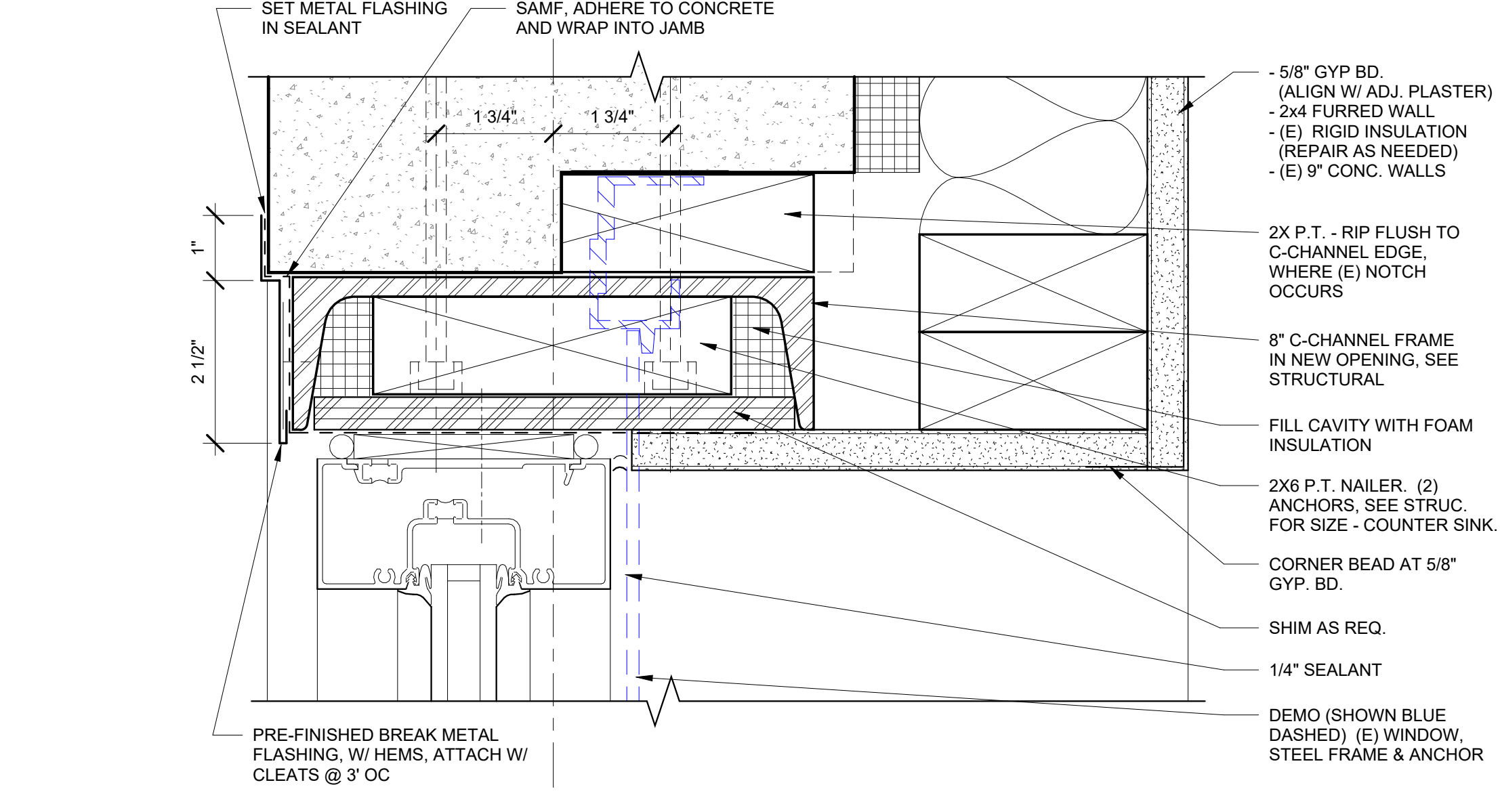
3 STOREFRONT HEAD AT CONCRETE W/ C-CHANNEL
6" = 1'-0"



7 SF INFILL MULL.
3" = 1'-0"

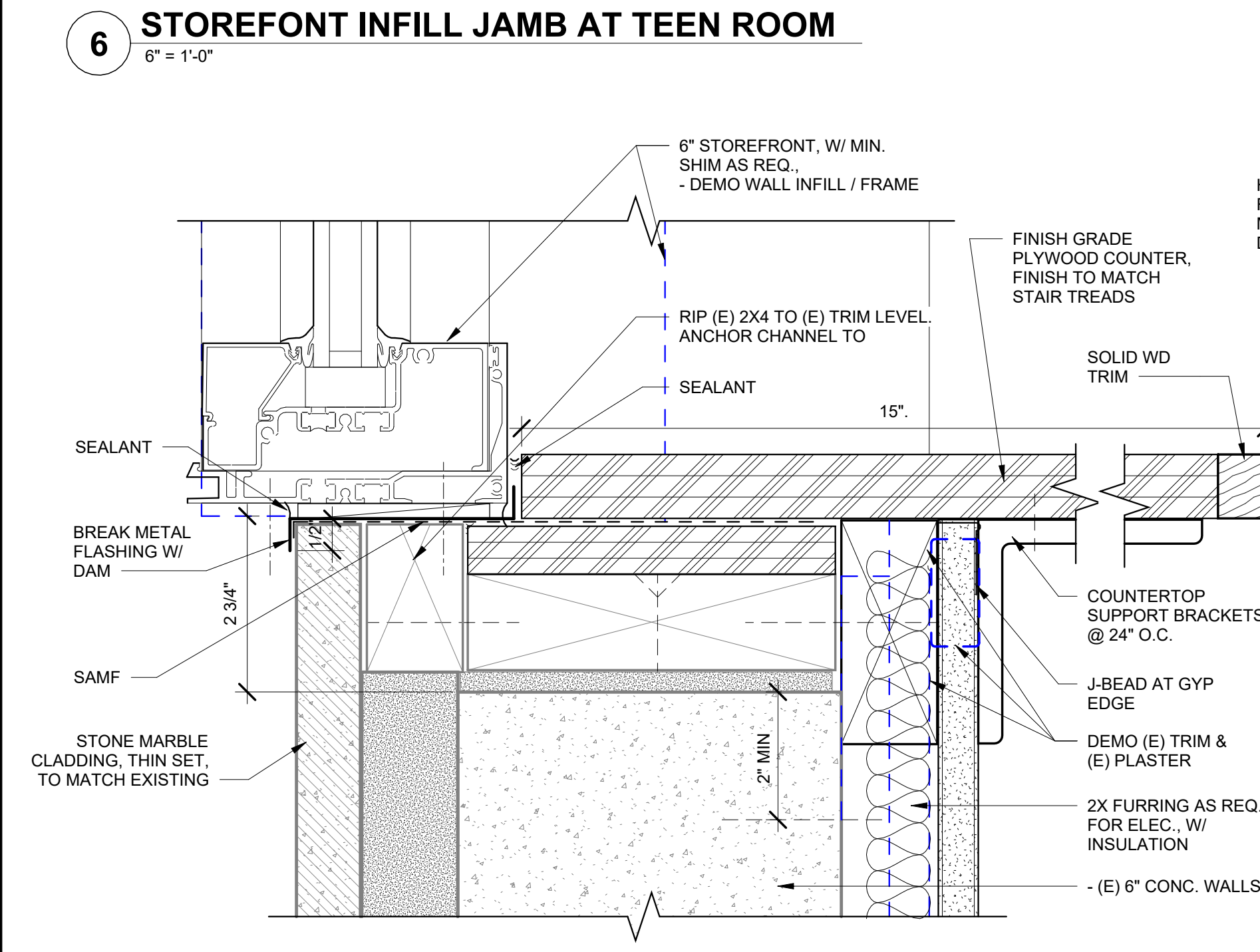


9 STOREFRONT JAMB AT CONCRETE
6" = 1'-0"

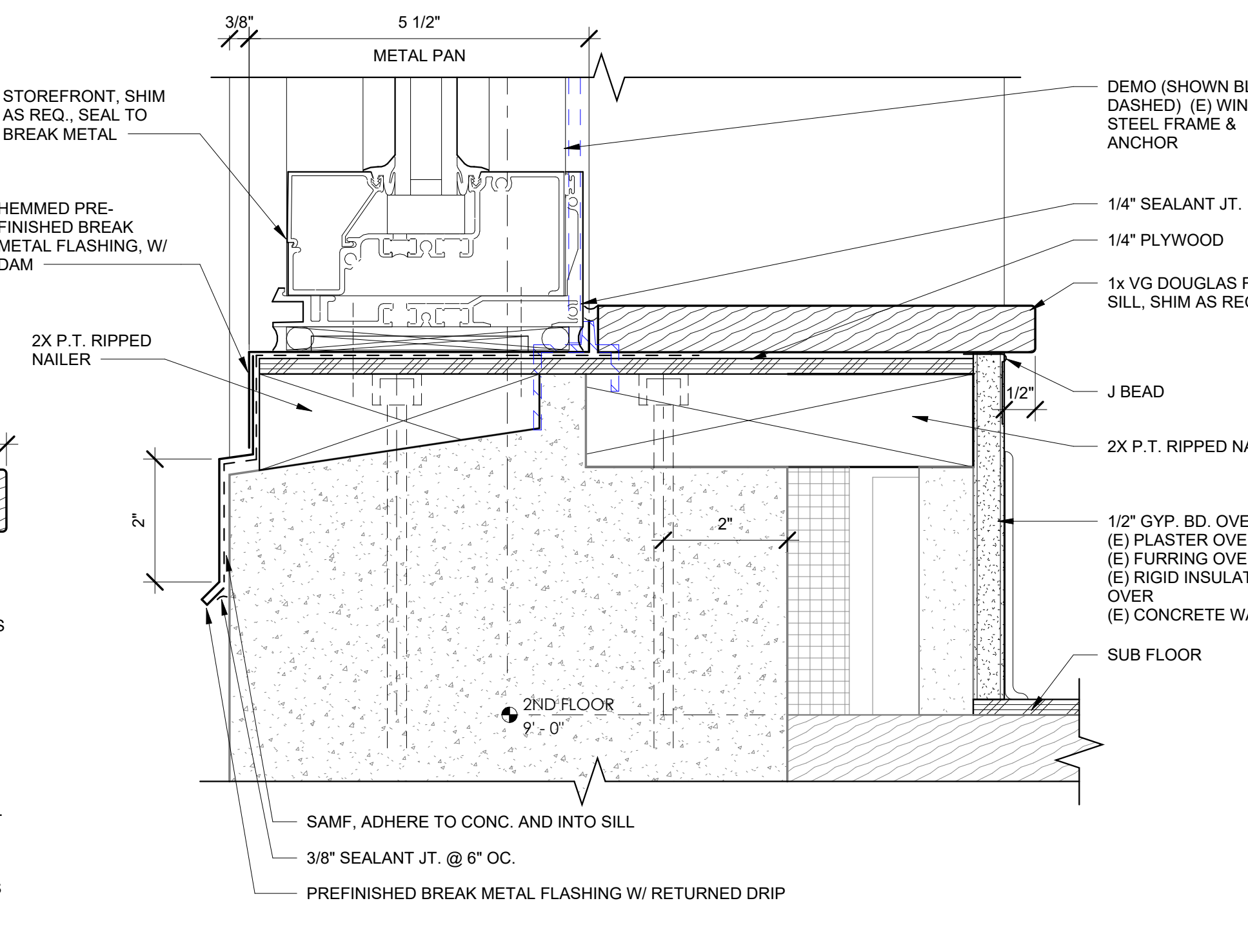


4 STOREFRONT JAMB AT CONCRETE W/ C-CHANNEL
6" = 1'-0"

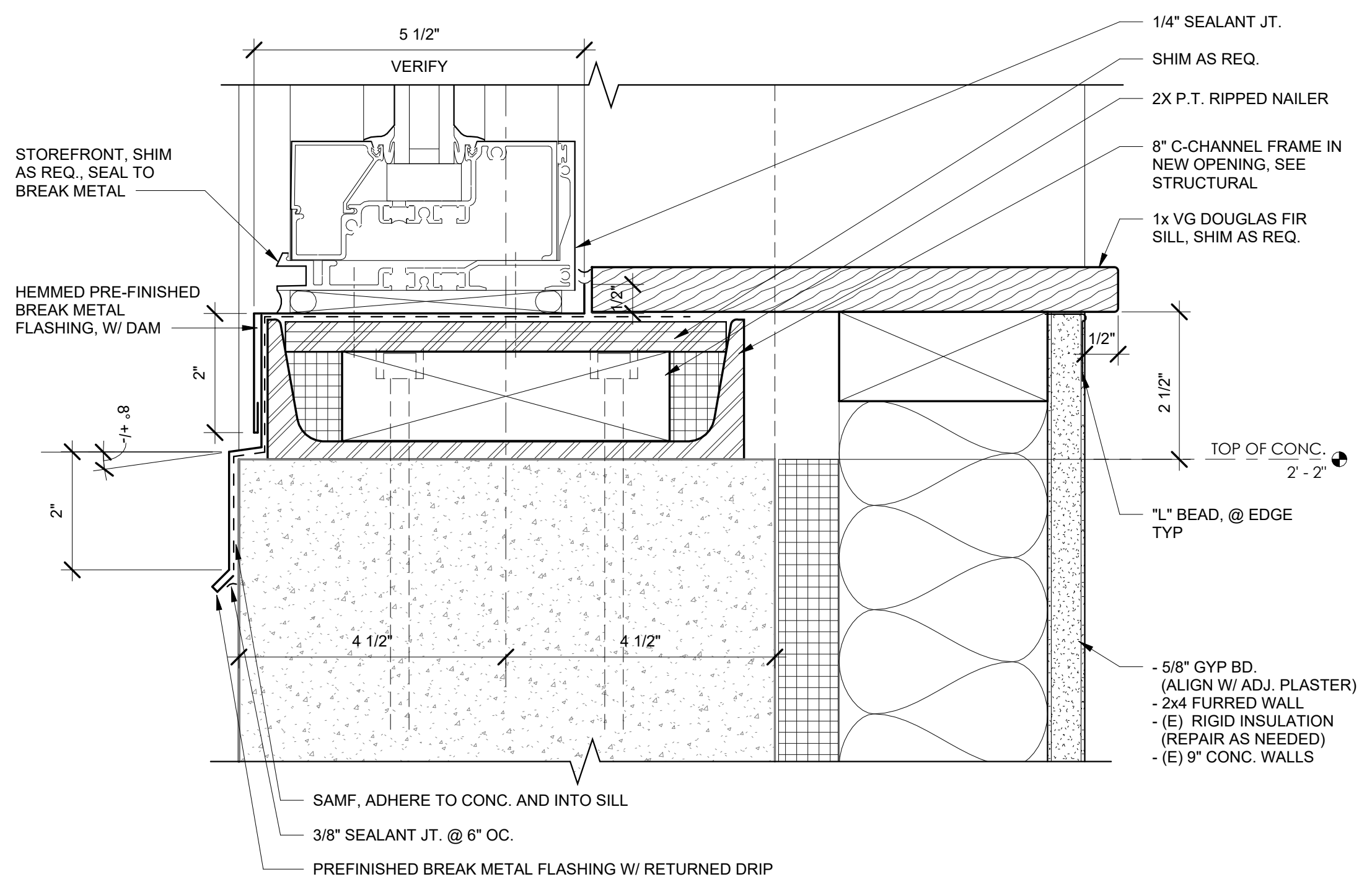
TYPICAL NOTE: GYP BD. J-BEAD AND CORNERS BEADS TO BE CONTINUOUS AND FINISHED AROUND ENTIRE OPENING PRIOR TO INSTALLING WINDOW STOOL. STOOL TO BE PRE-FINISHED. EASE ALL EXPOSED EDGES OF STOOL W/ UNIFORM 1/8" RADIUS.



2 STOREFRONT INFILL SILL IN TEEN ROOM
6" = 1'-0"



10 STOREFRONT SILL AT CONCRETE WALL
6" = 1'-0"



1 STOREFRONT SILL AT CONCRETE W/ C-CHANNEL
6" = 1'-0"

CONSTRUCTION

REVISIONS:

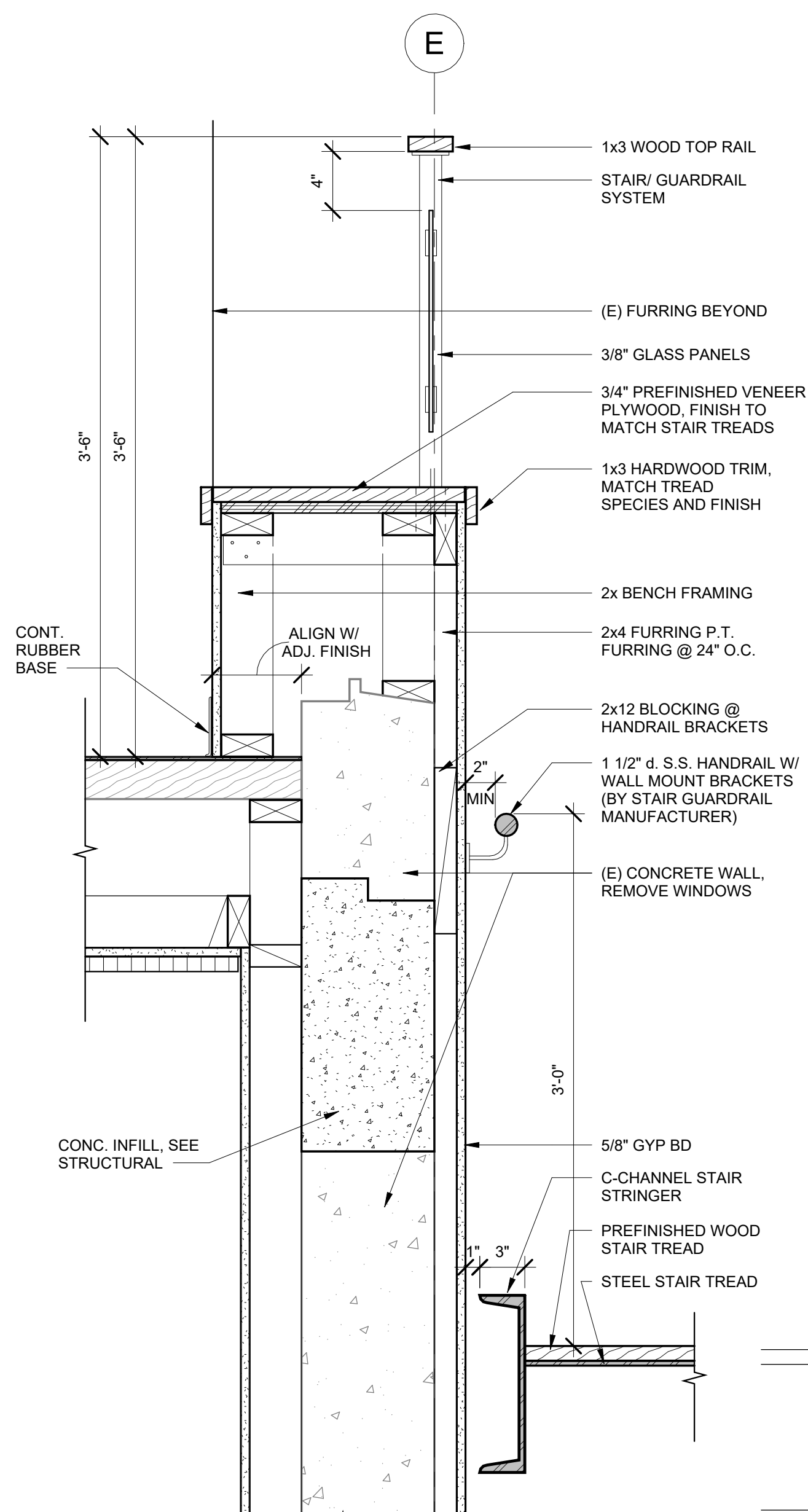
#	DATE	DESCRIPTION

DATE: JULY 2023

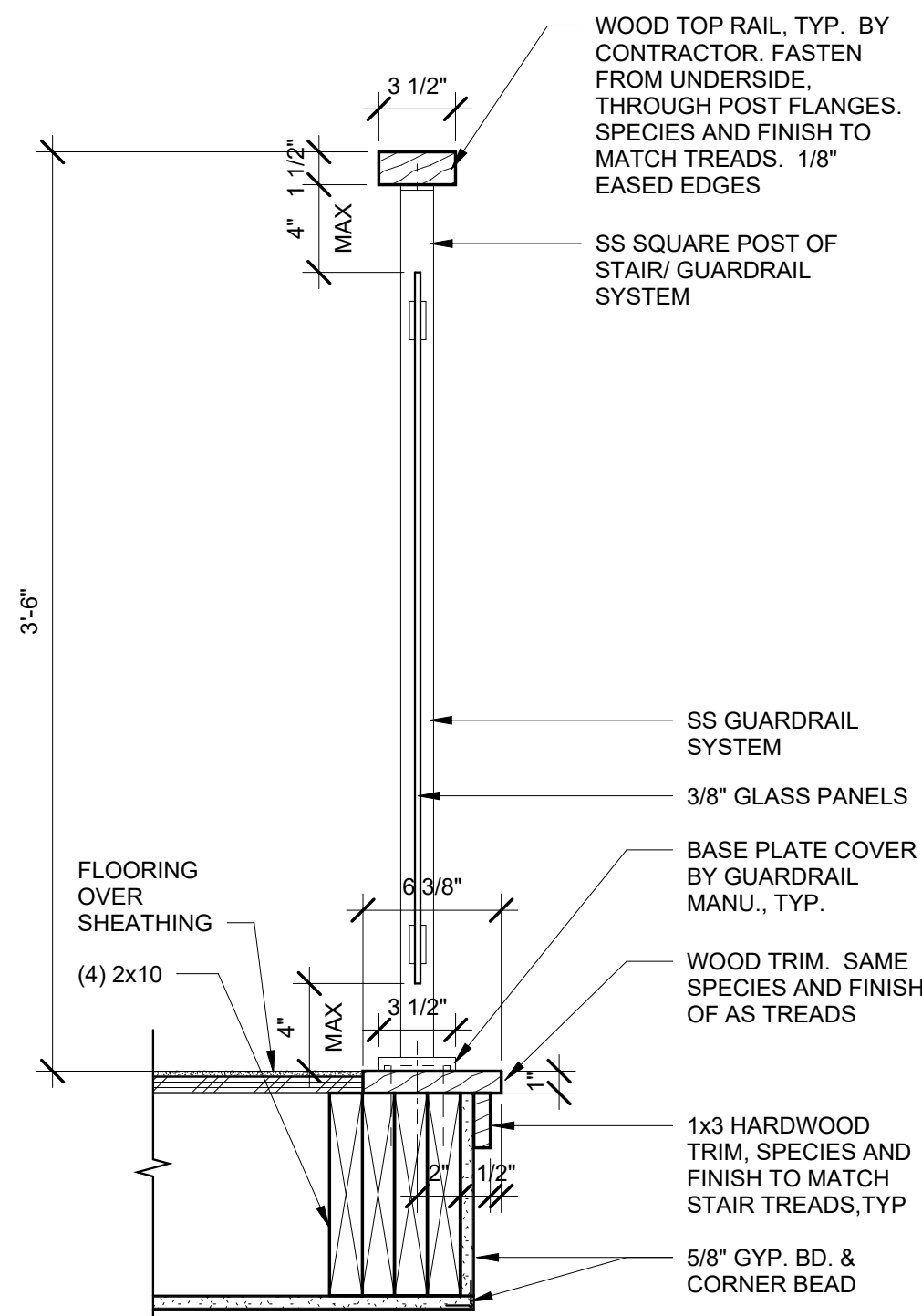
SHEET TITLE:
DETAILS - STAIRS

A-504

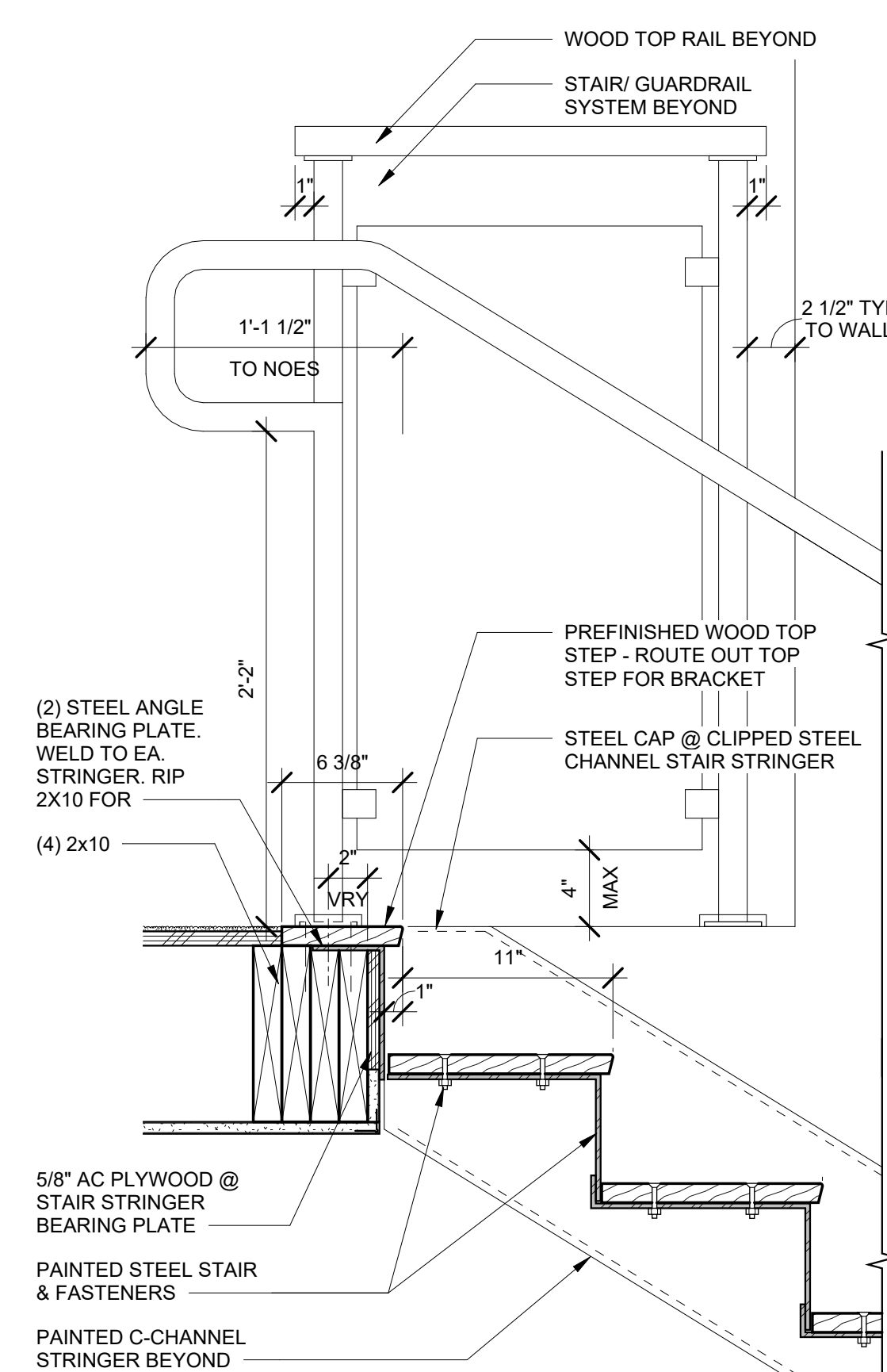
Copyright © 2023
HGE ARCHITECTS, INC.



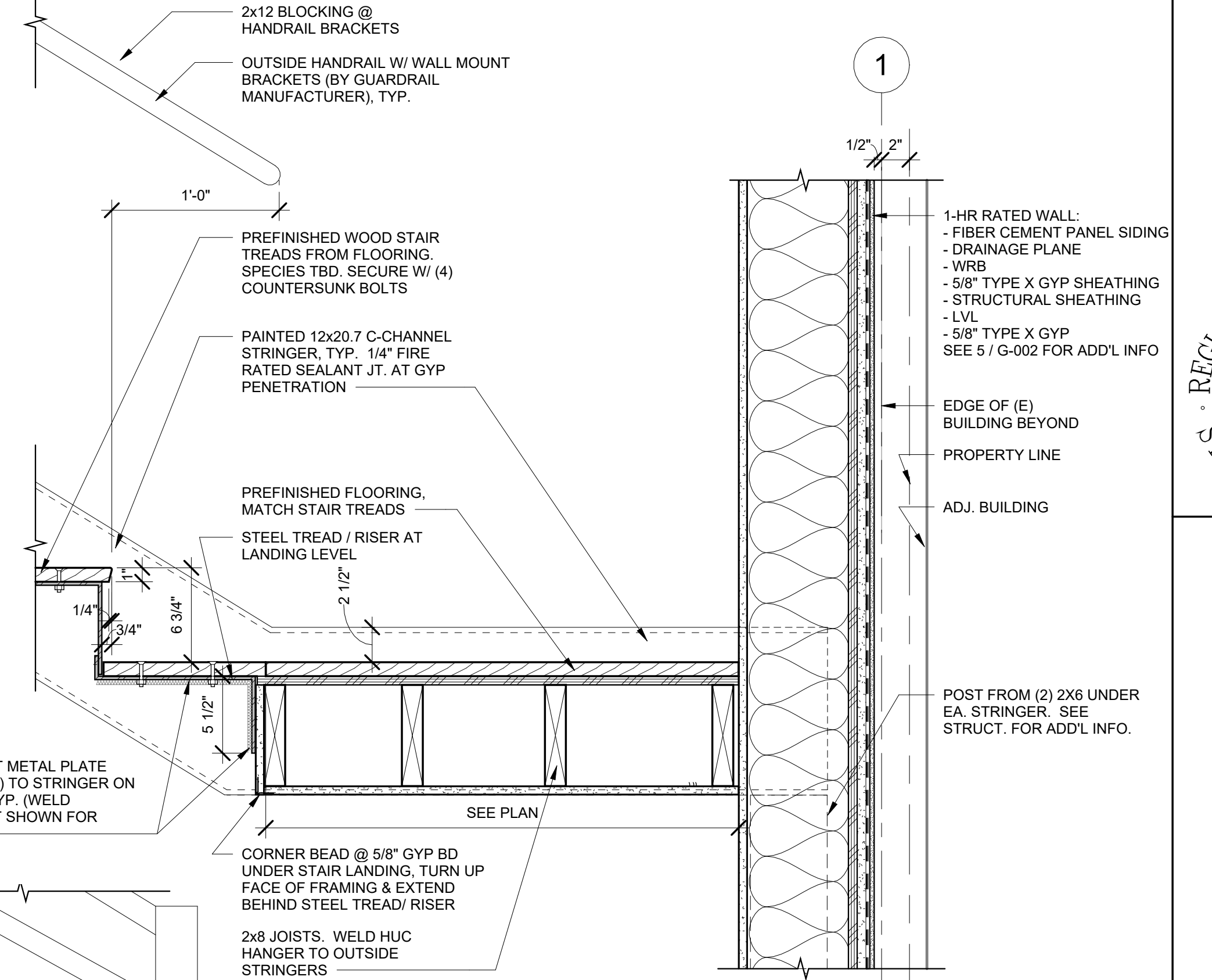
11 STAIR STRINGER @ INTERIOR WALL
1 1/2" = 1'-0"



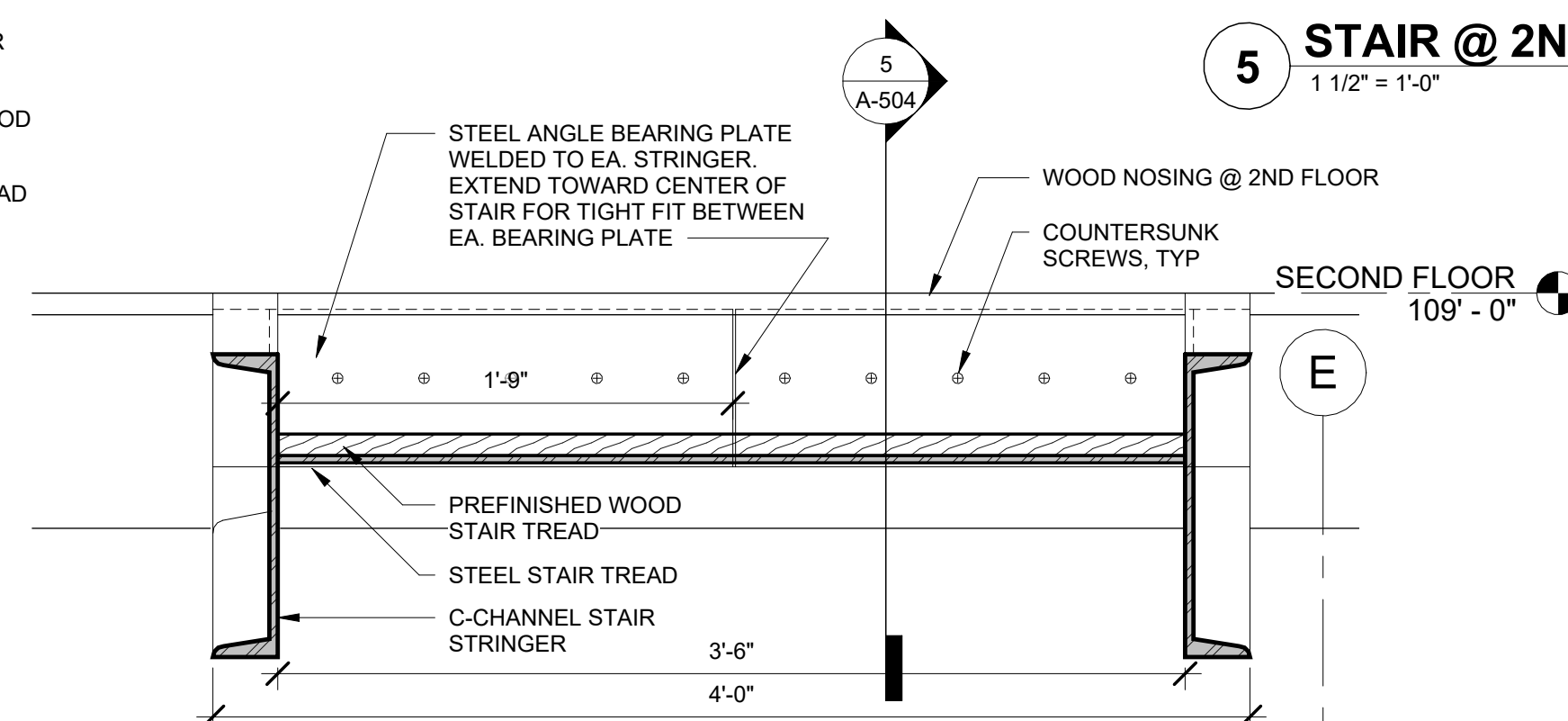
8 GUARDRAIL
1 1/2" = 1'-0"



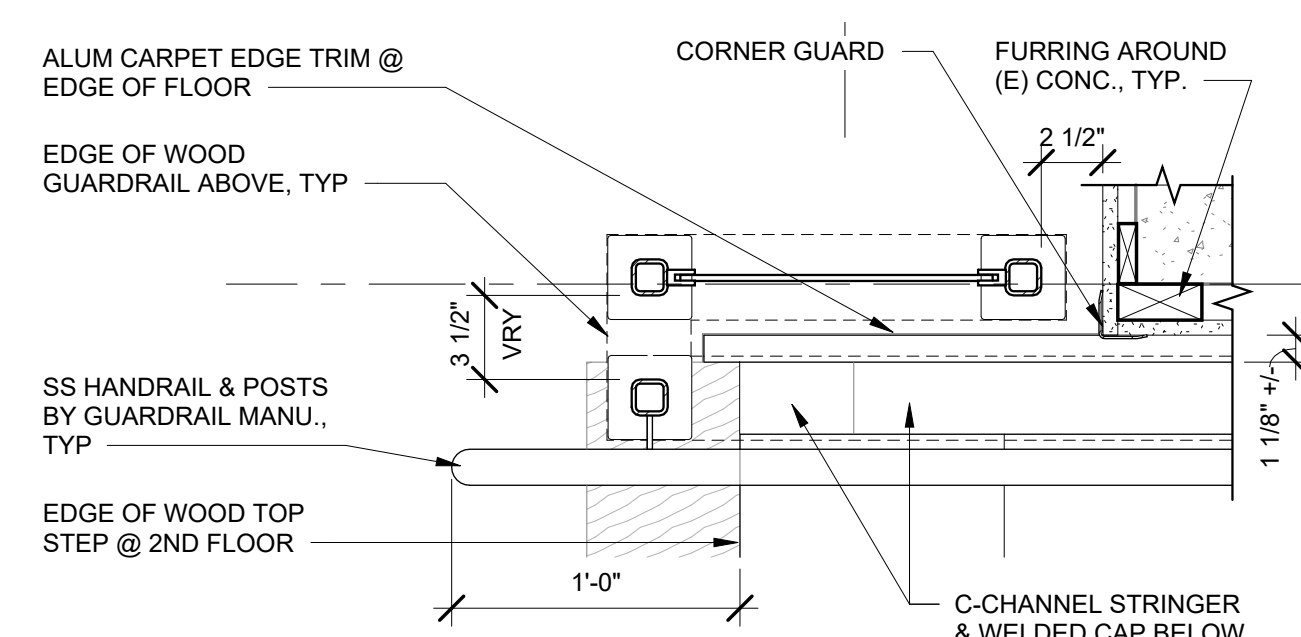
5 STAIR @ 2ND FLOOR LANDING
1 1/2" = 1'-0"



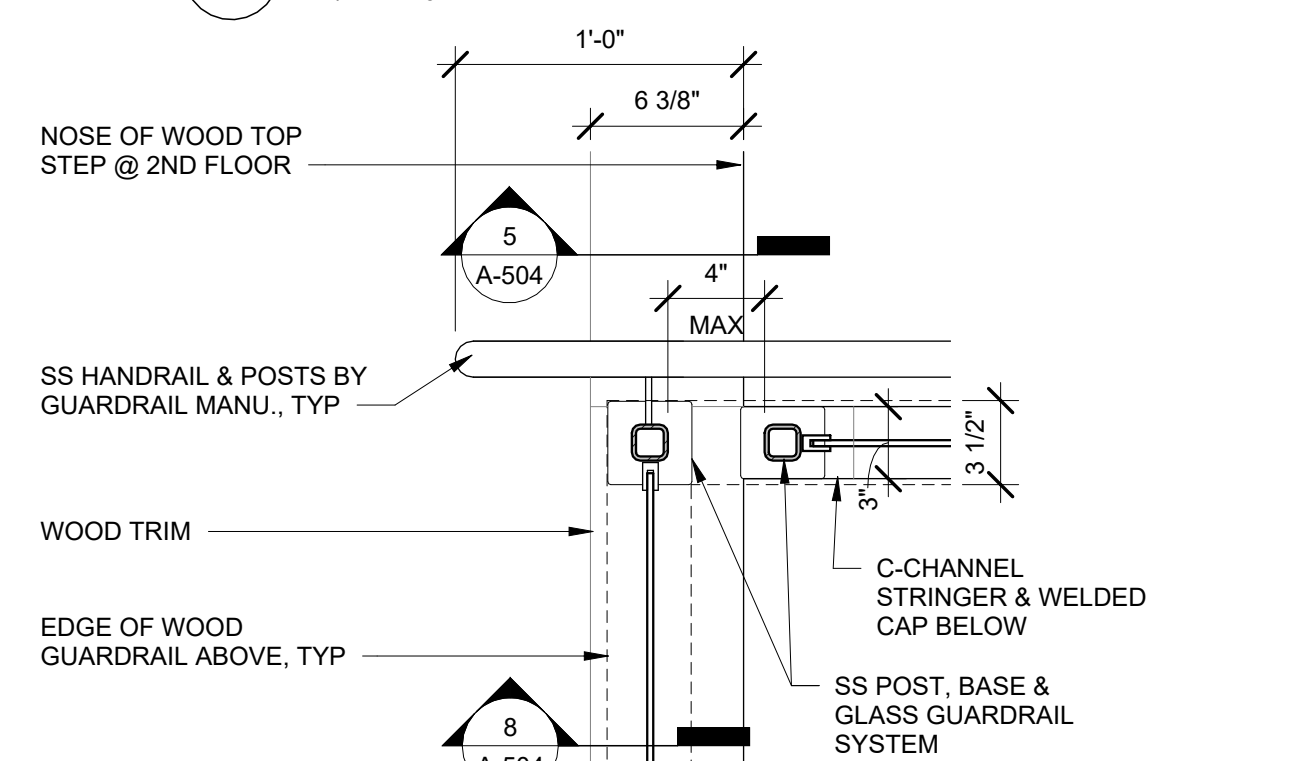
2 STAIR LANDING @ UPPER RUN
1 1/2" = 1'-0"



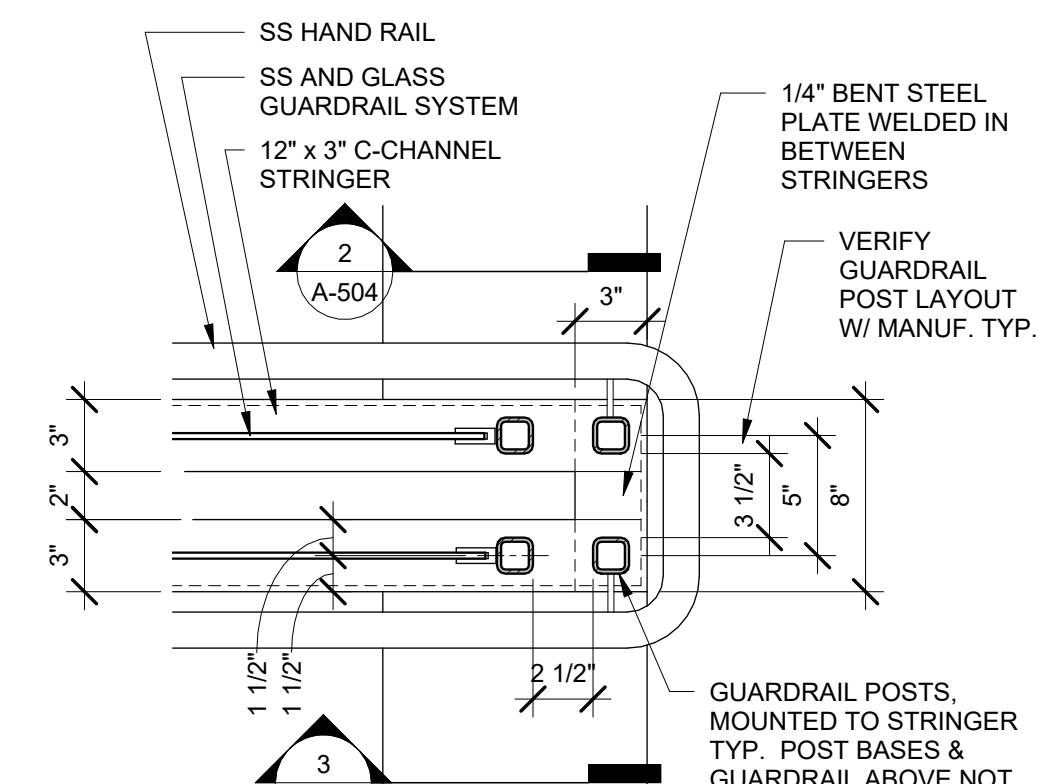
7 STAIR STRINGERS TO 2ND FLOOR
1 1/2" = 1'-0"



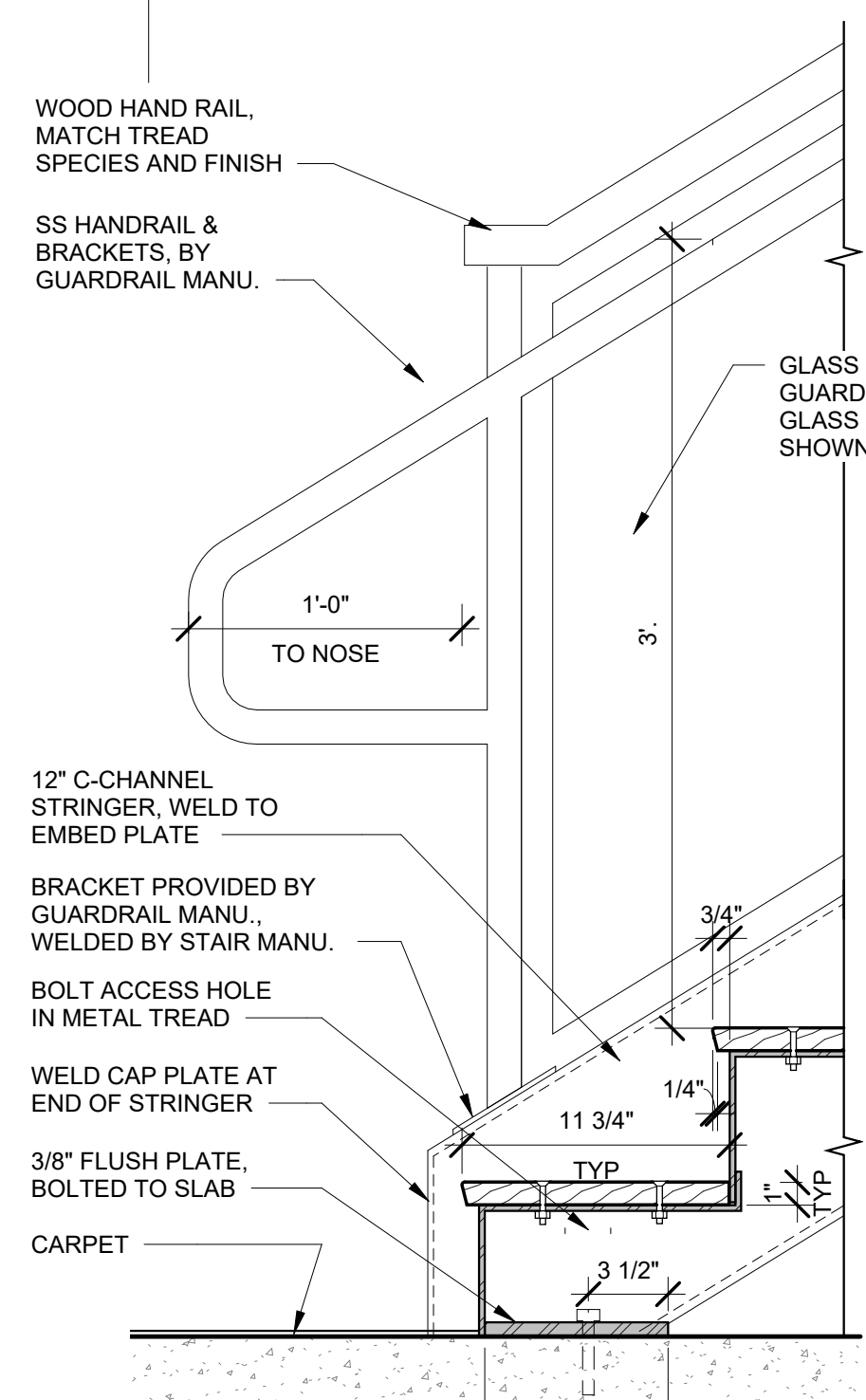
10 STAIR GUARDRAIL SOUTH
1 1/2" = 1'-0"



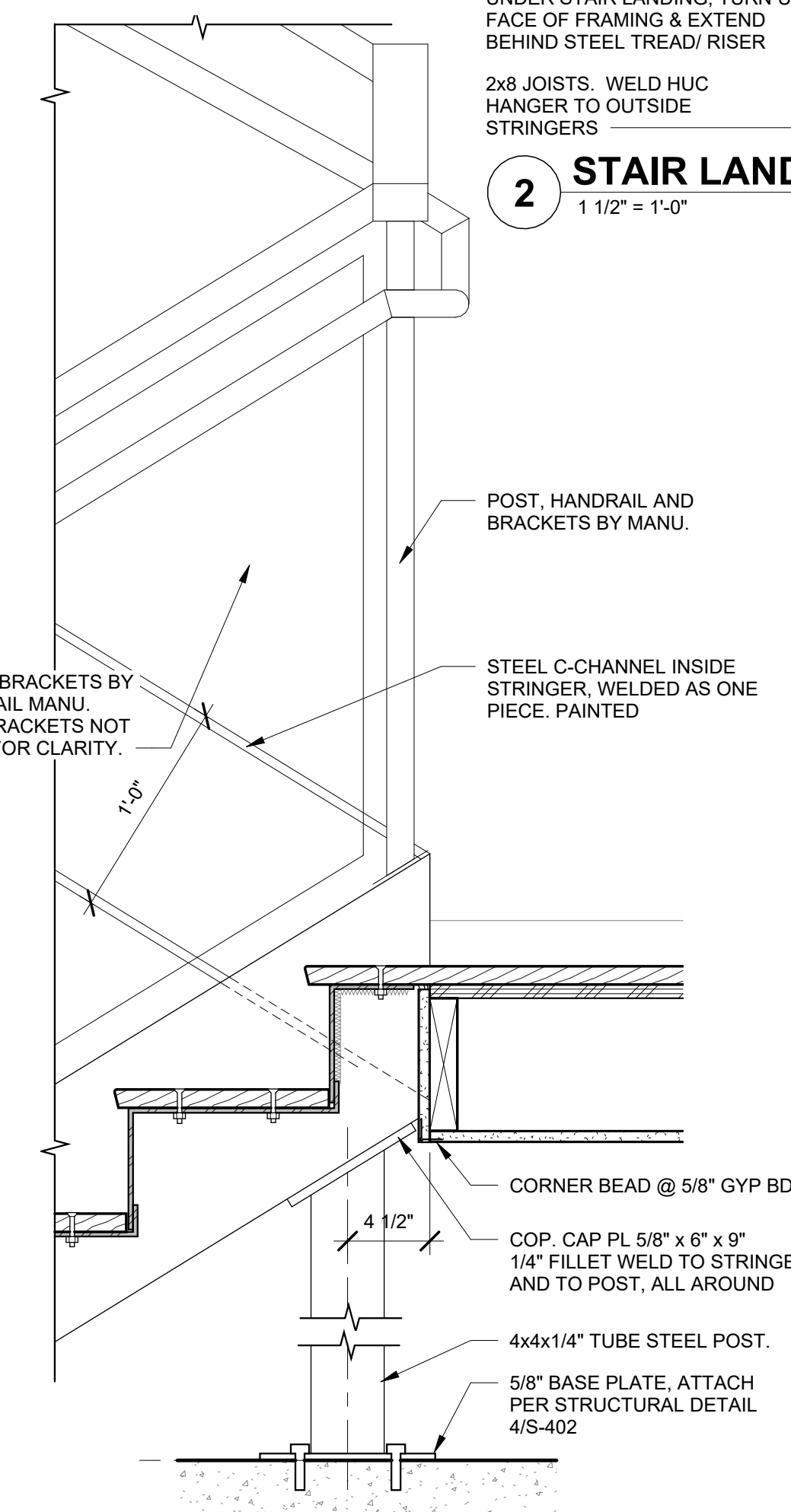
9 STAIR GUARDRAIL NORTH - PLAN
1 1/2" = 1'-0"



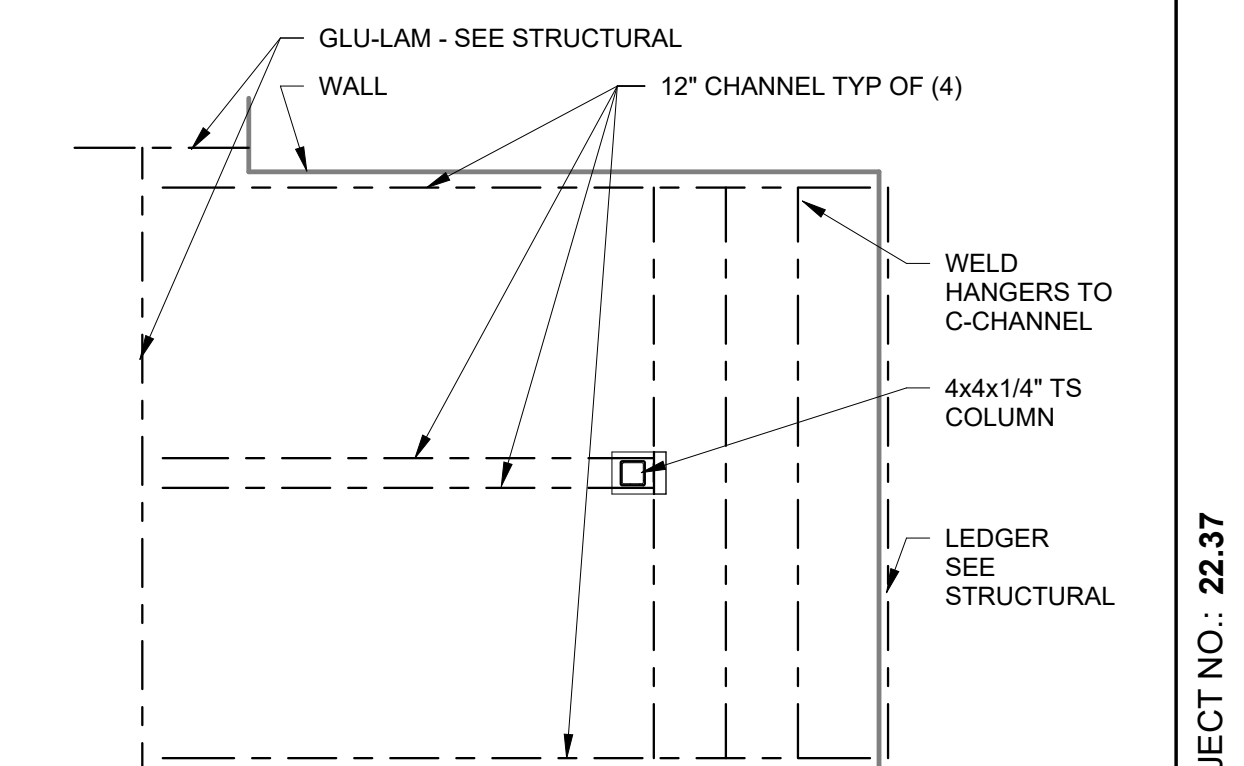
6 STAIR GUARDRAIL @ LANDING - PLAN
1 1/2" = 1'-0"



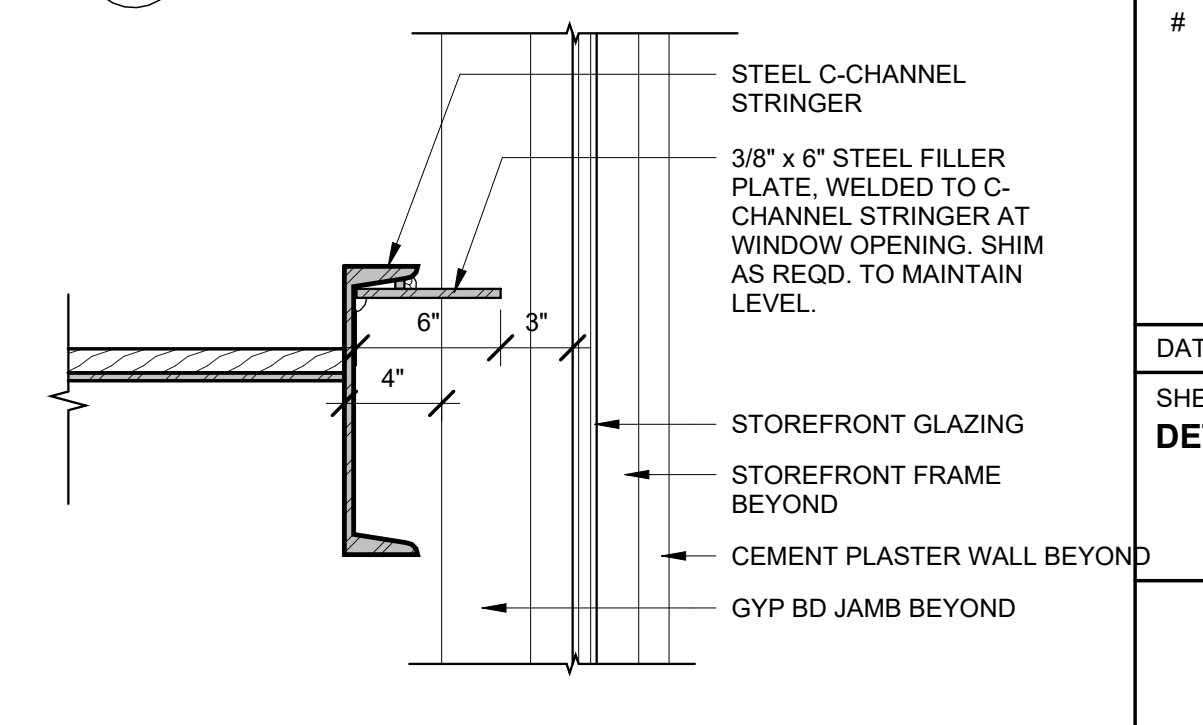
4 STAIR @ FLOOR
1 1/2" = 1'-0"



3 STAIR LANDING @ LOWER RUN
1 1/2" = 1'-0"



12 STAIR FRAMING PLAN
3/8" = 1'-0"



1 STRINGER AT CURTAINWALL
1 1/2" = 1'-0"

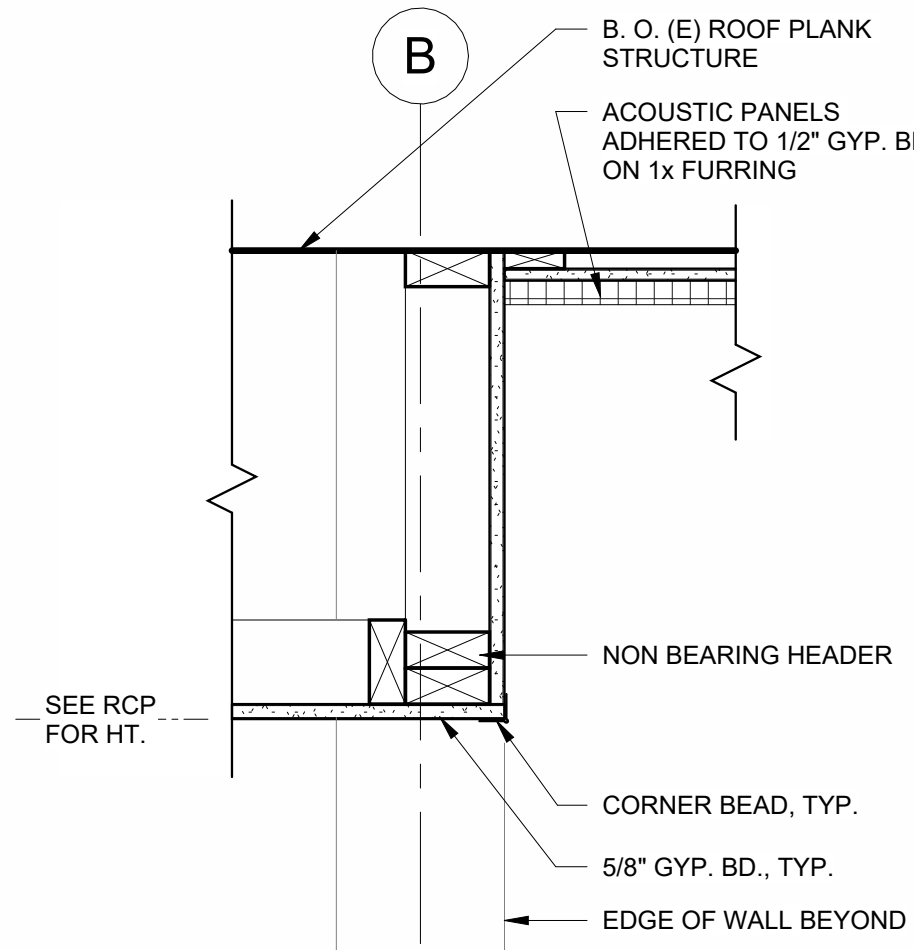
CONSTRUCTION

REVISIONS:		
#	DATE	DESCRIPTION

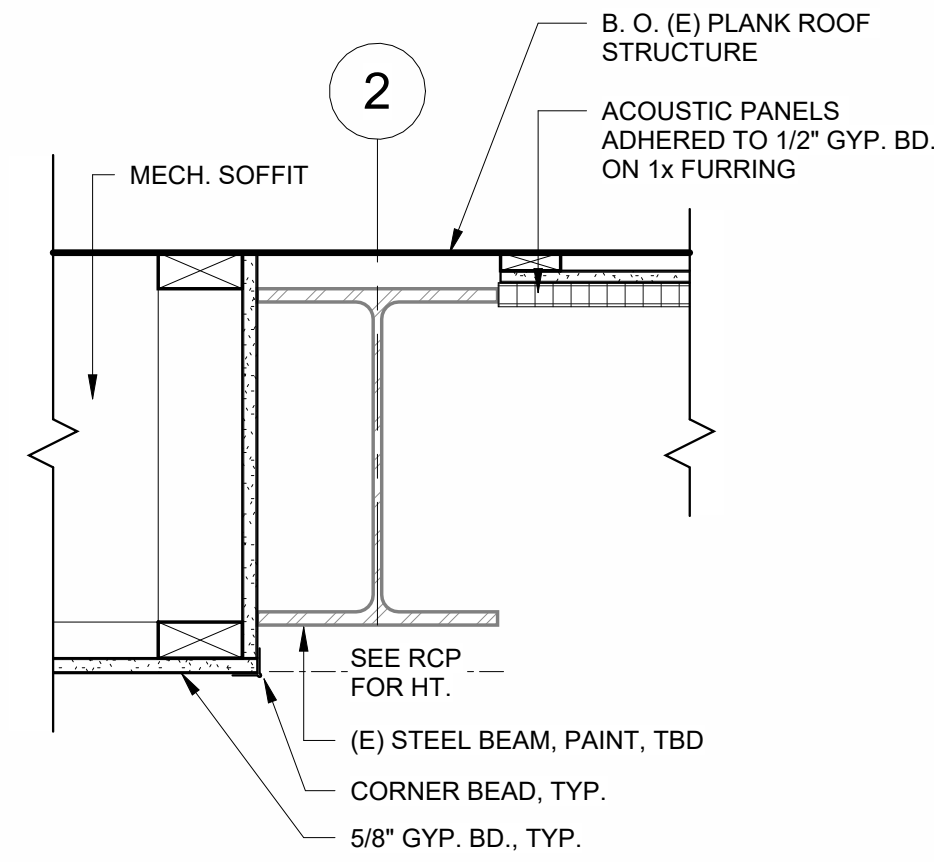
DATE: JULY 2023

SHEET TITLE:
INTERIOR DETAILS

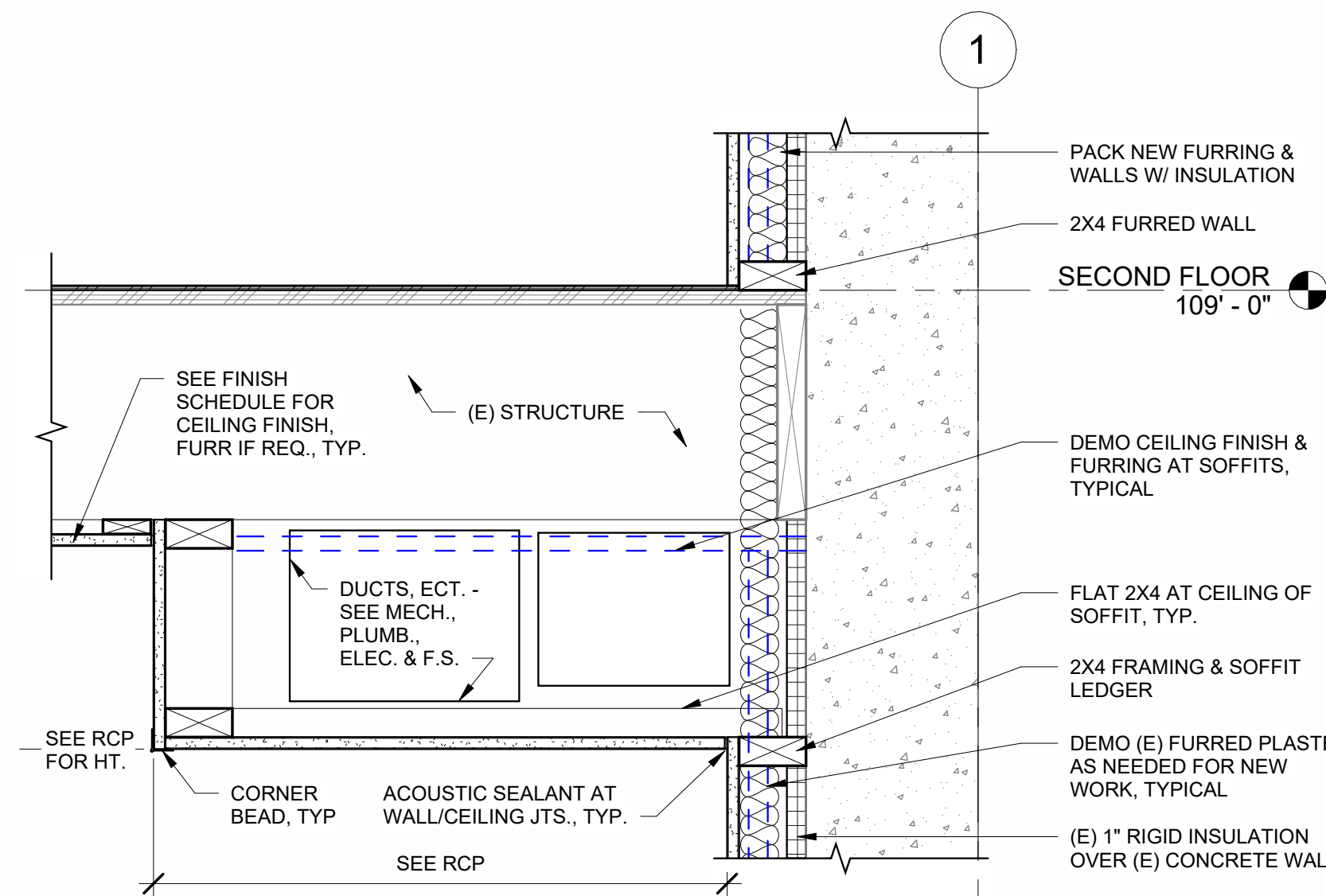
A-505



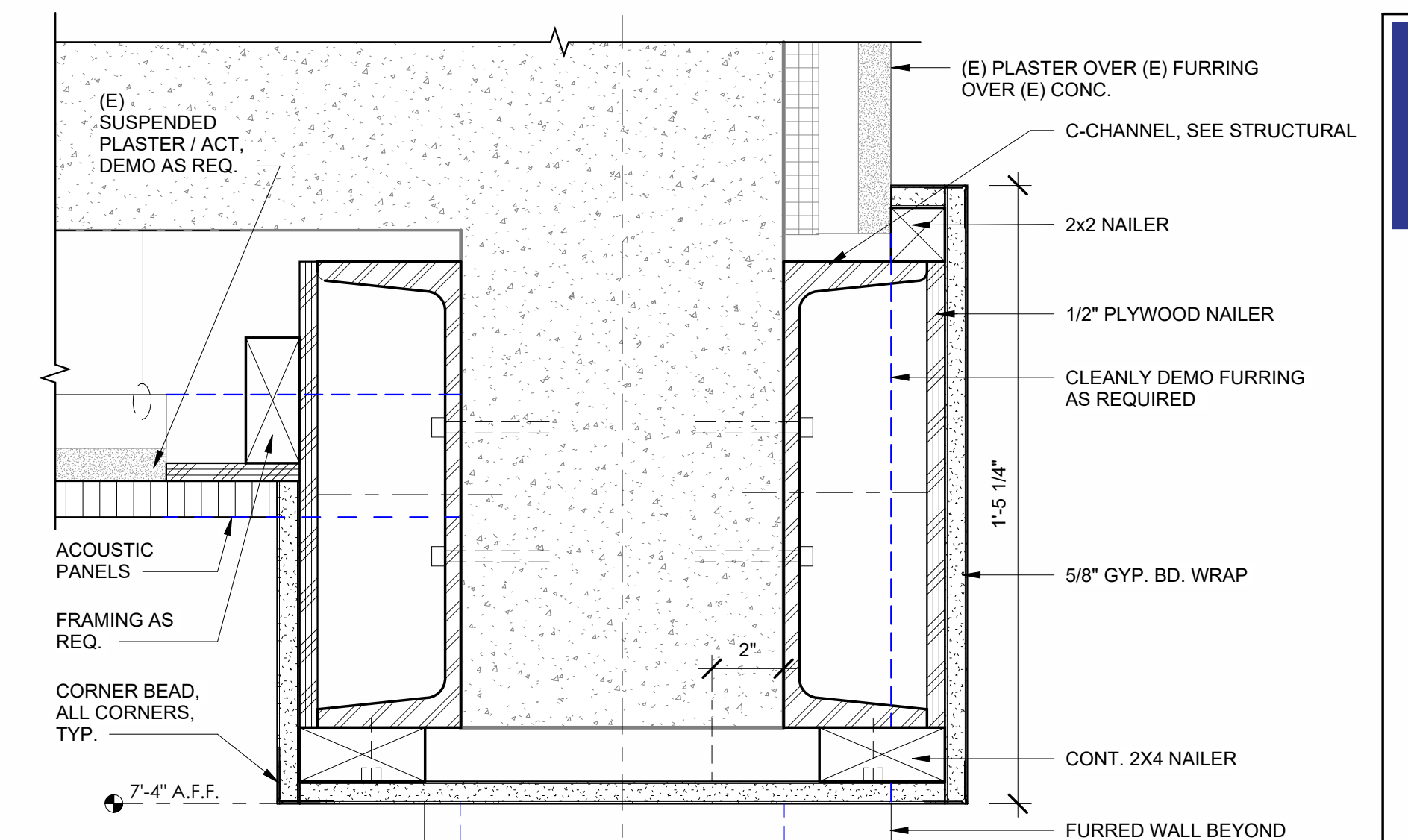
9 BULKHEAD @ 2ND FLR CIRC.
1 1/2" = 1'-0"



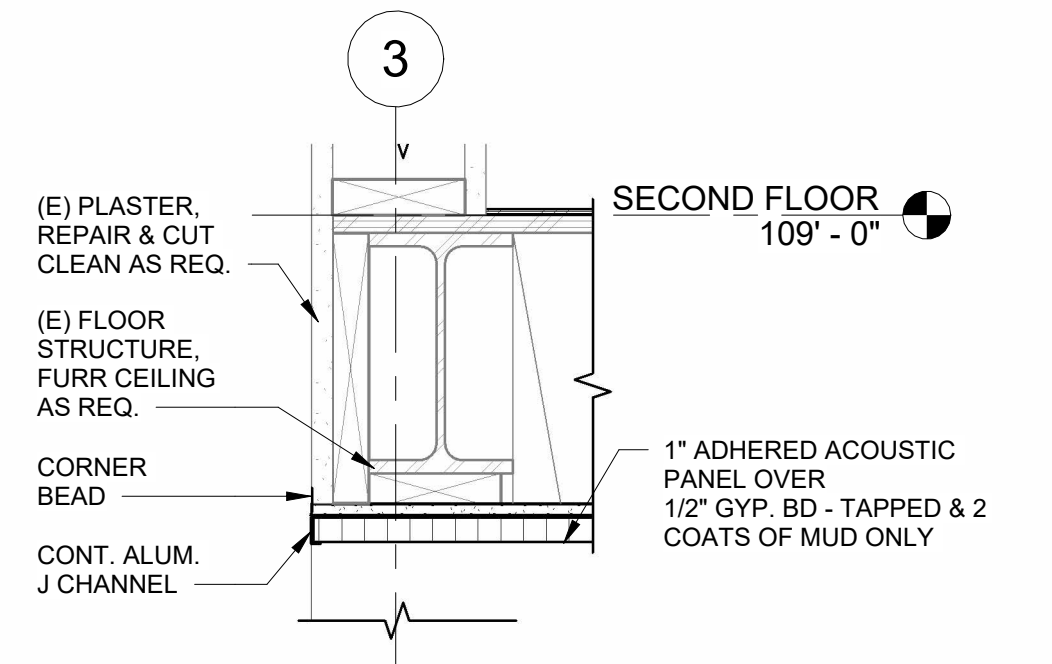
7 BEAM IN PROGRAM RM
1 1/2" = 1'-0"



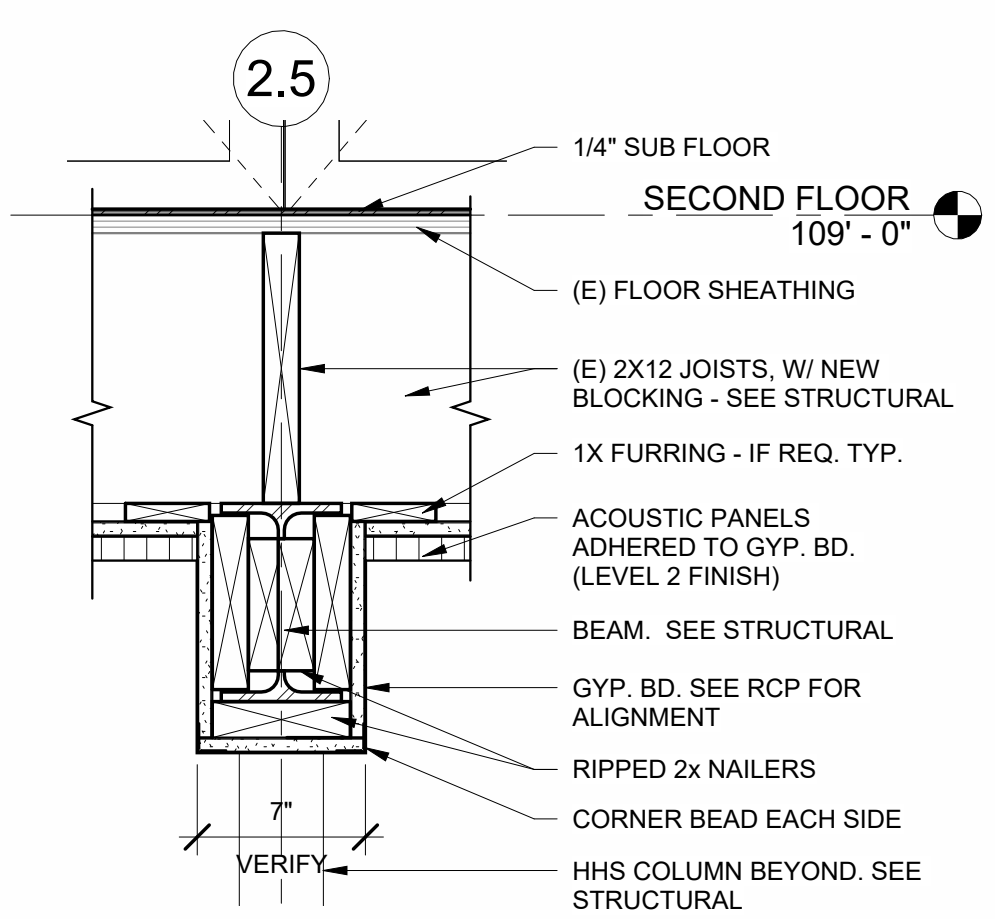
5 TYPICAL SOFFIT
1 1/2" = 1'-0"



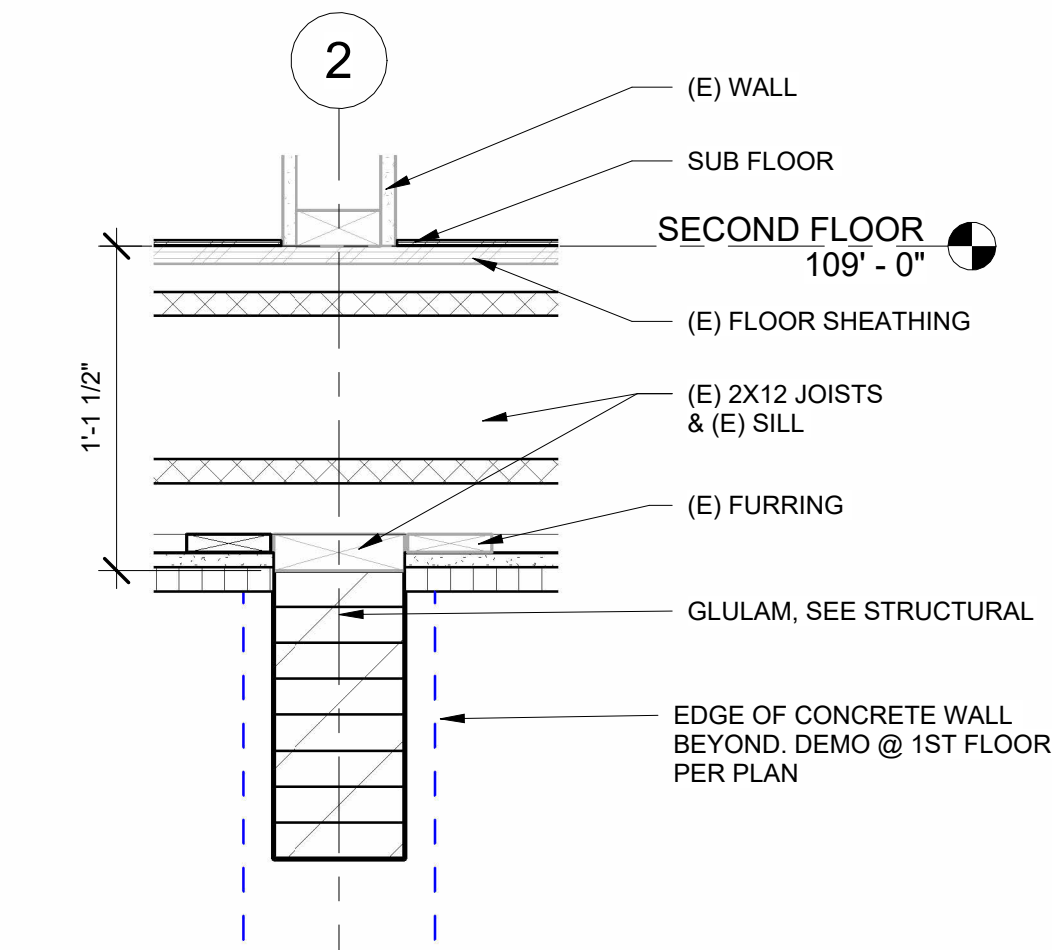
2 VAULT OPENING
3" = 1'-0"



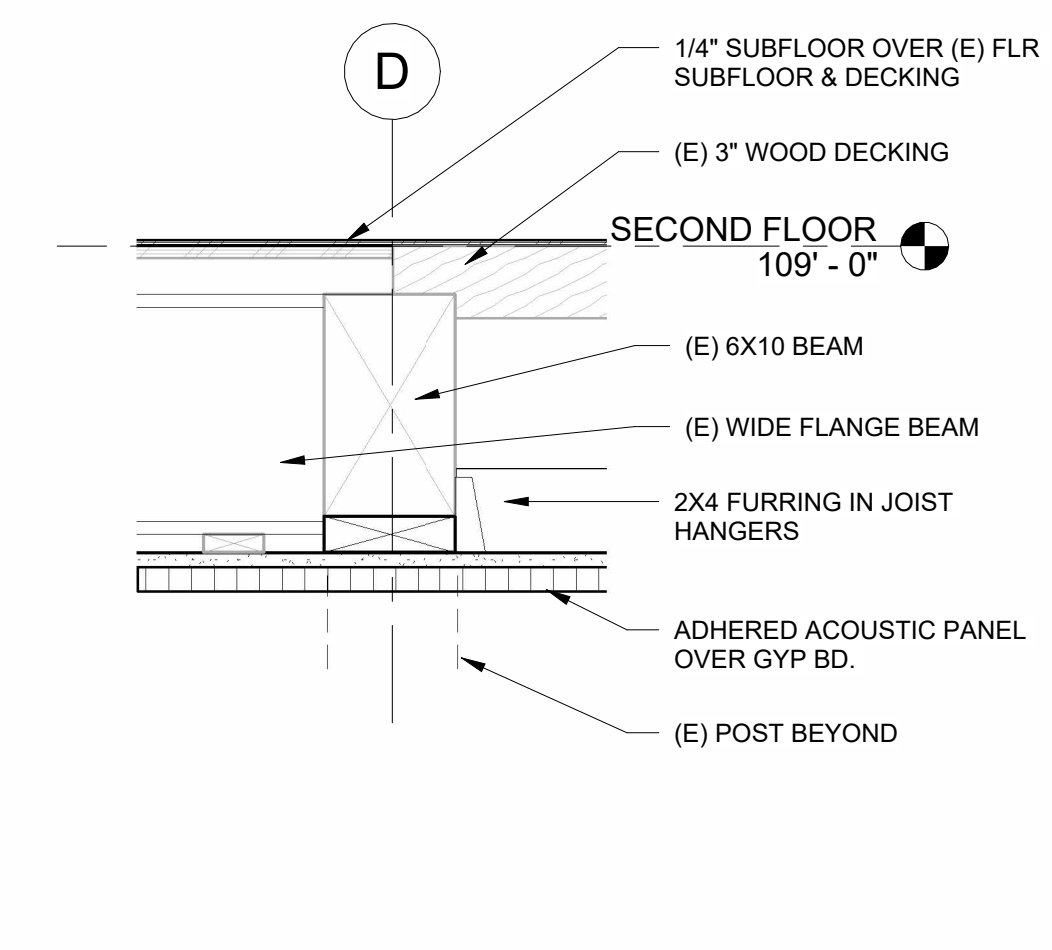
8 EDGE OF ACOUSTIC PANELS AT (E) BEAM
1 1/2" = 1'-0"



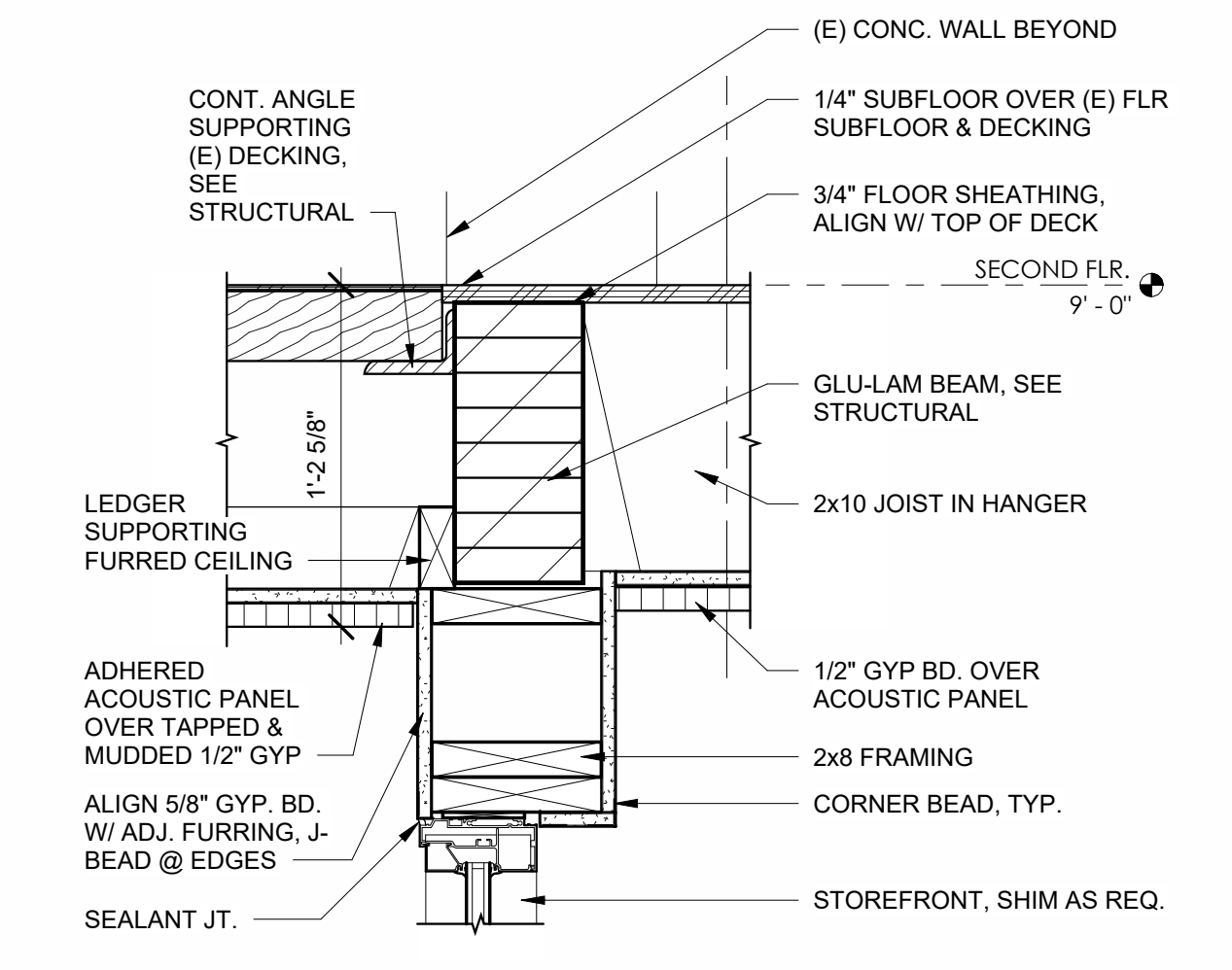
6 BEAM WRAP
1 1/2" = 1'-0"



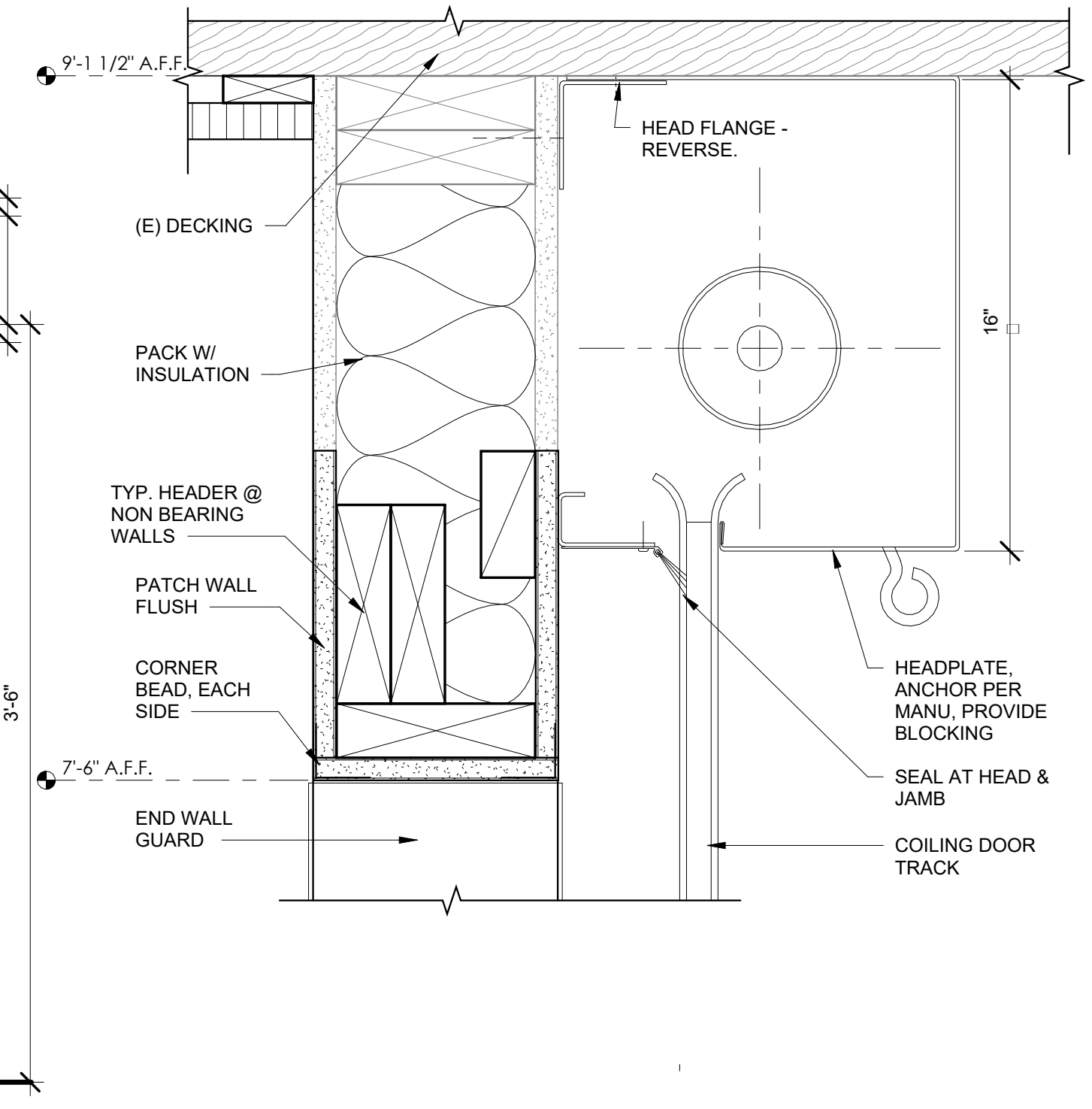
4 SOFFIT AT BEAM IN WORK ROOM
1 1/2" = 1'-0"



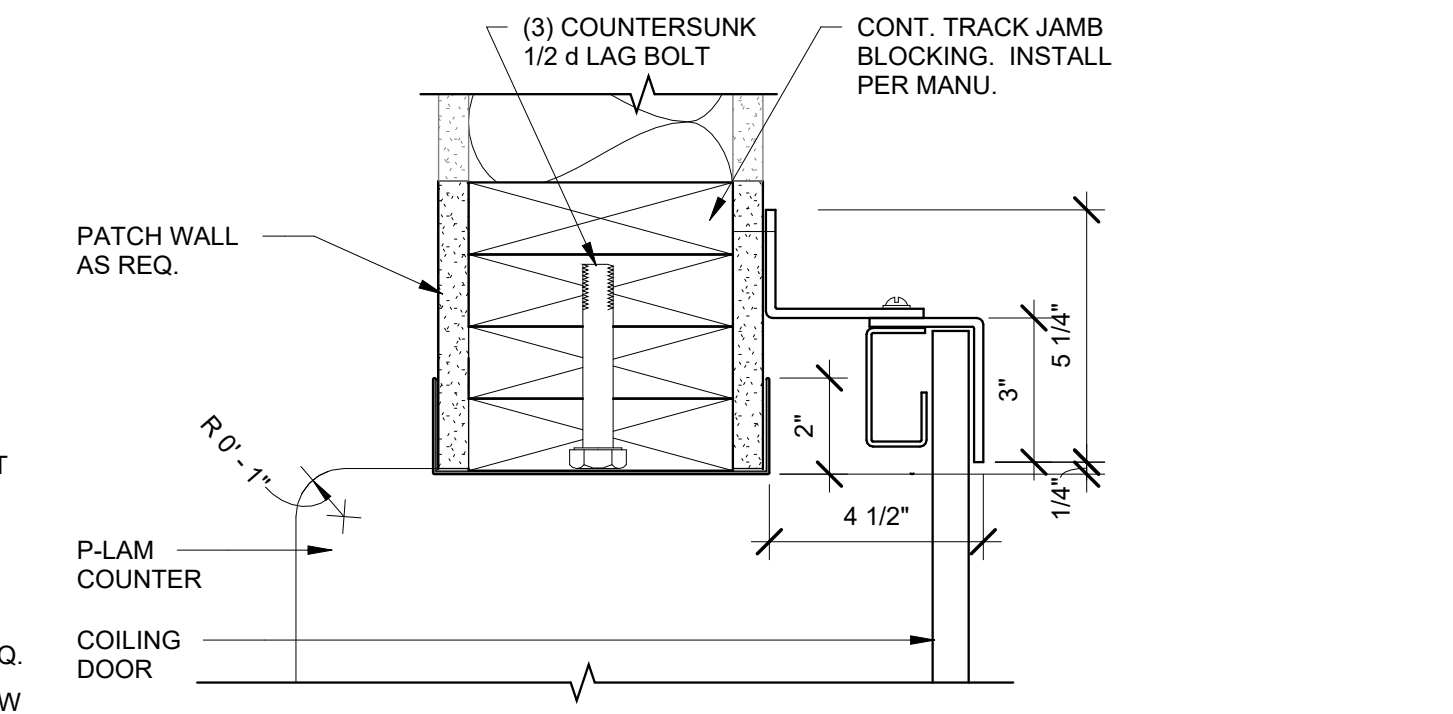
3 FLR AT WIDE FLANGE TO PLANK
1 1/2" = 1'-0"



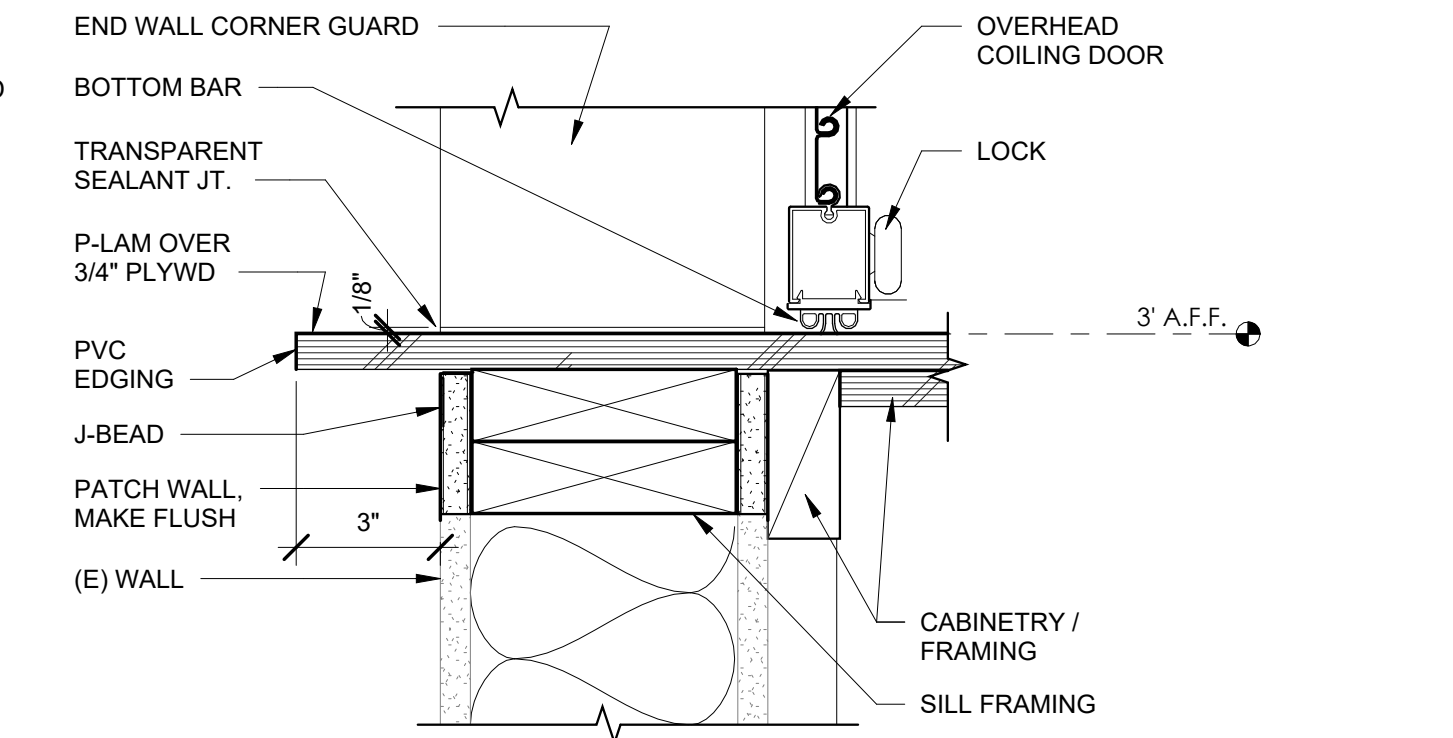
1 STAIR 2 LANDING AT BEAM & STOREFRONT
1 1/2" = 1'-0"



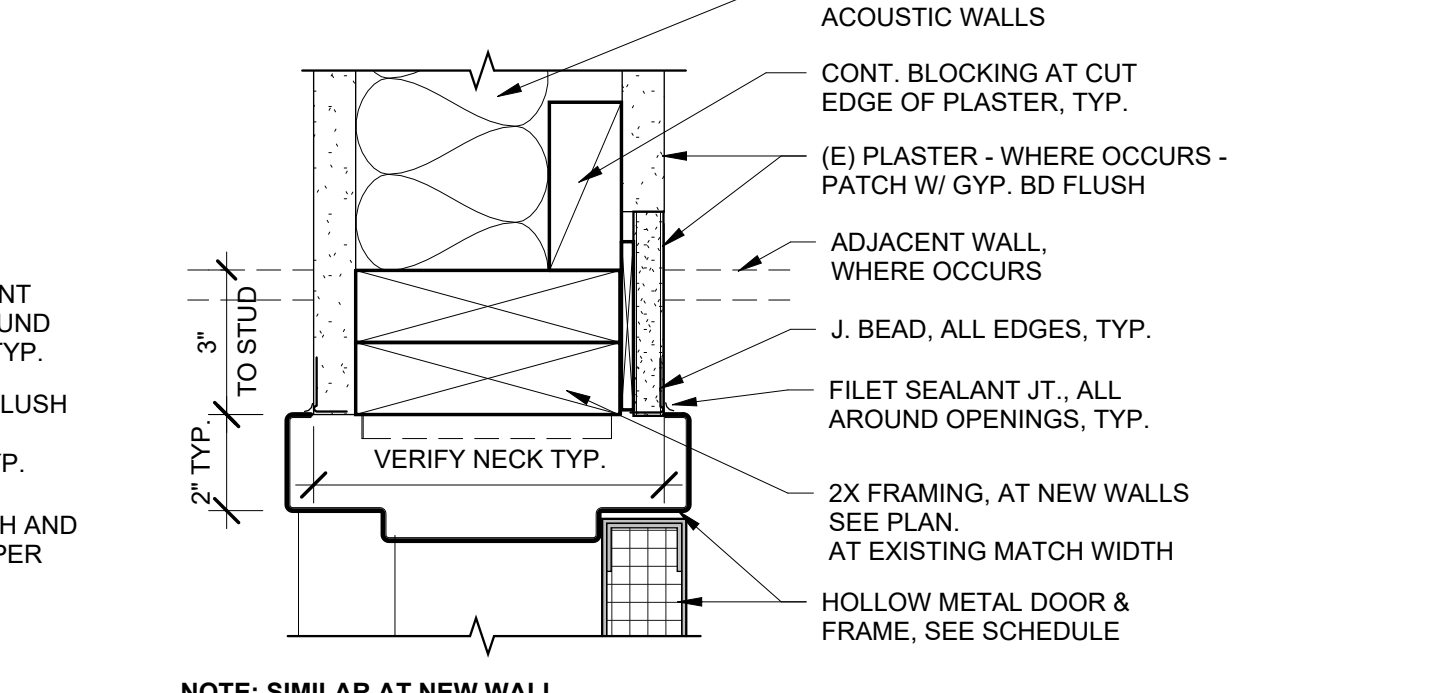
4 COILING COUNTER DOOR HEAD
3" = 1'-0"



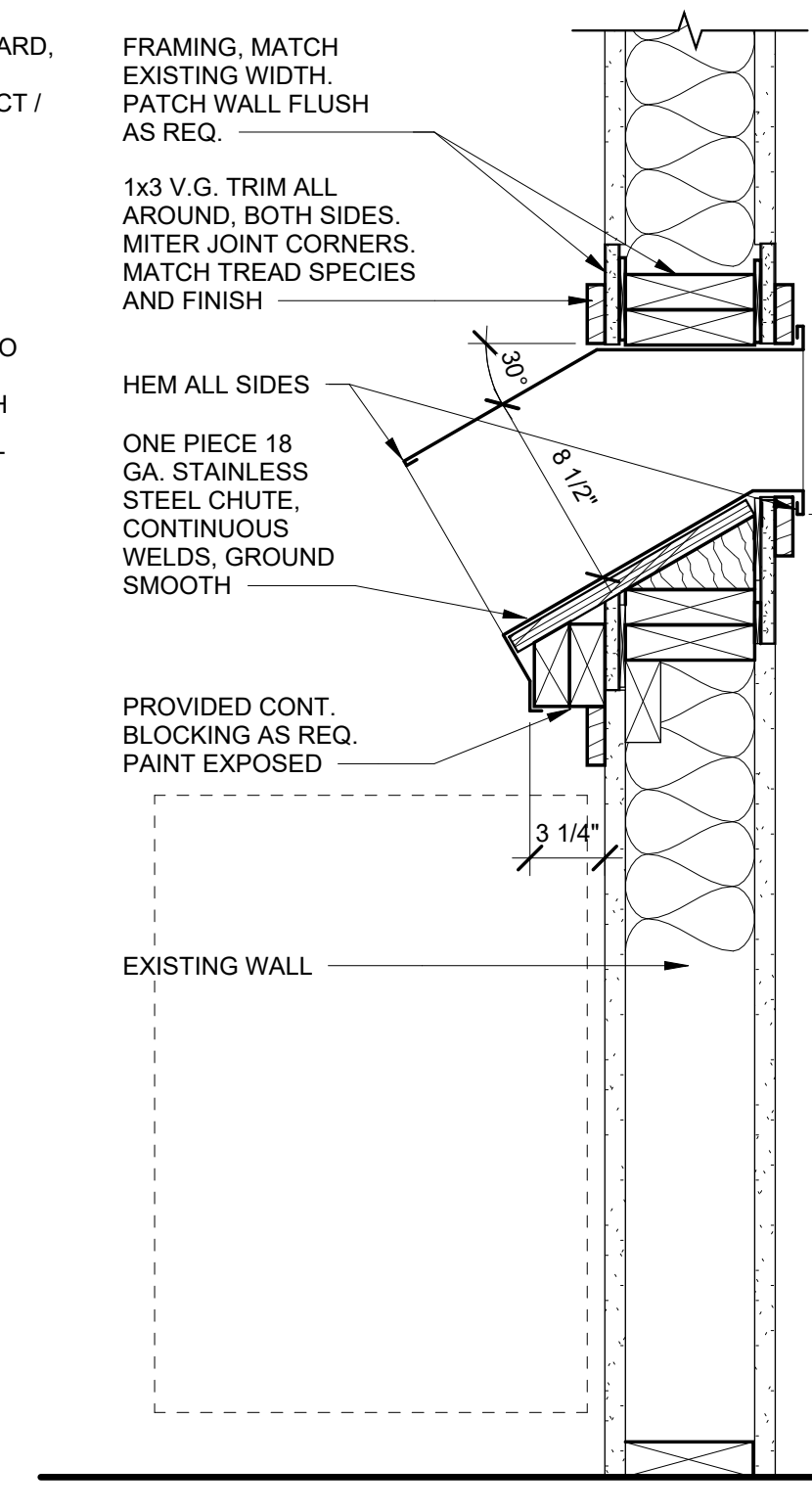
3 COILING COUNTER DOOR JAMB
3" = 1'-0"



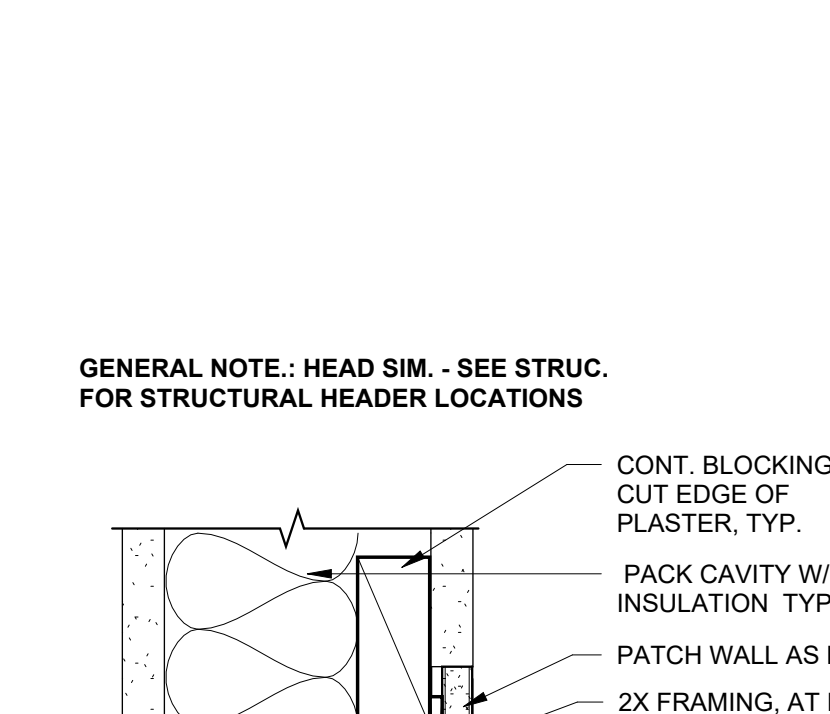
2 COILING COUNTER DOOR BOTTOM
3" = 1'-0"



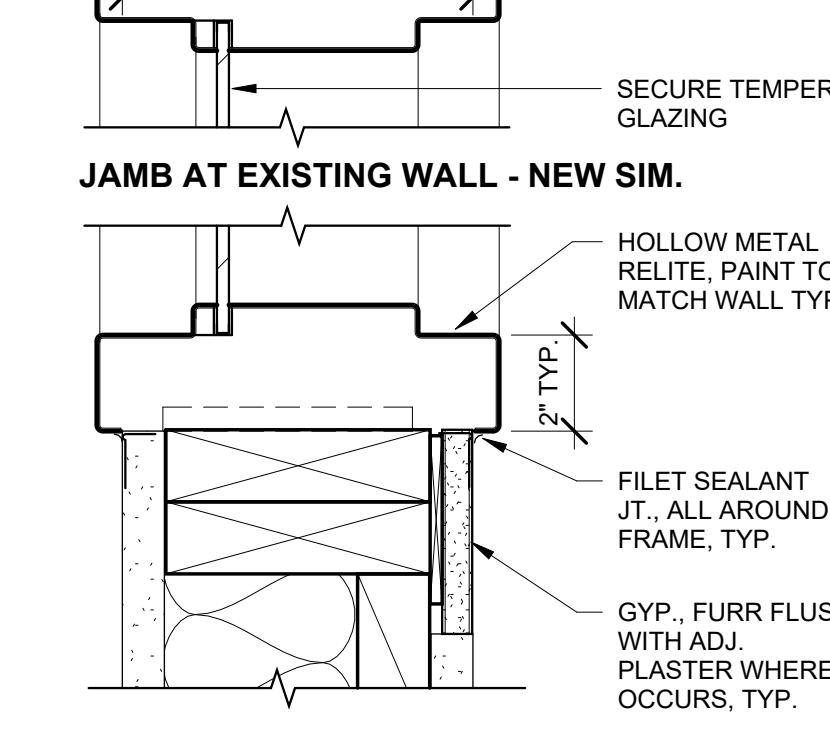
1 INTERIOR HM DR JAMB - HEAD SIM
3" = 1'-0"



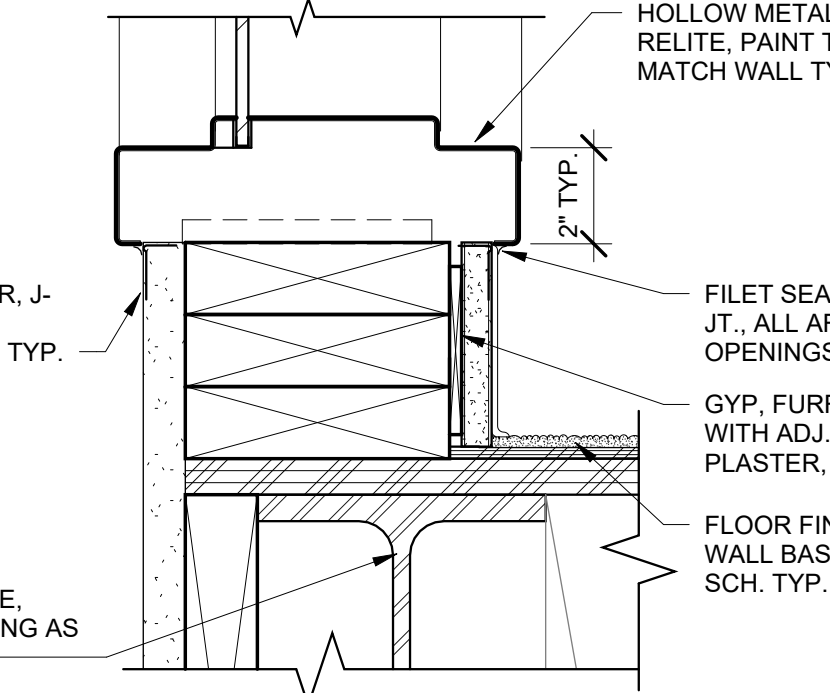
7 BOOK DROP
1 1/2" = 1'-0"



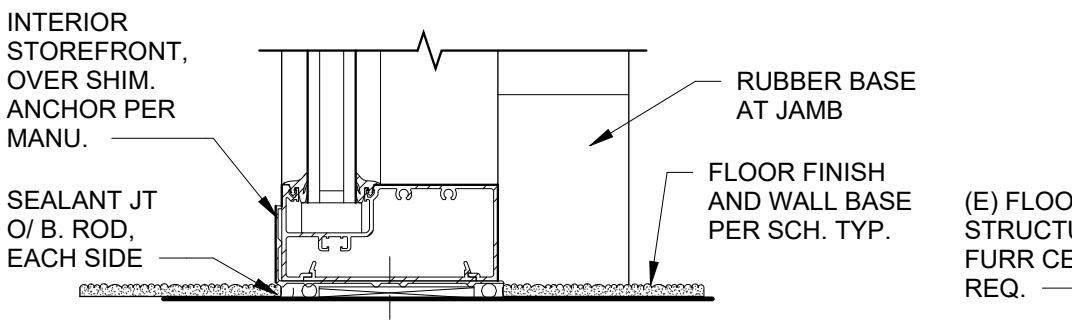
11 INT. STOREFRONT JAMB - HEAD SIM.
3" = 1'-0"



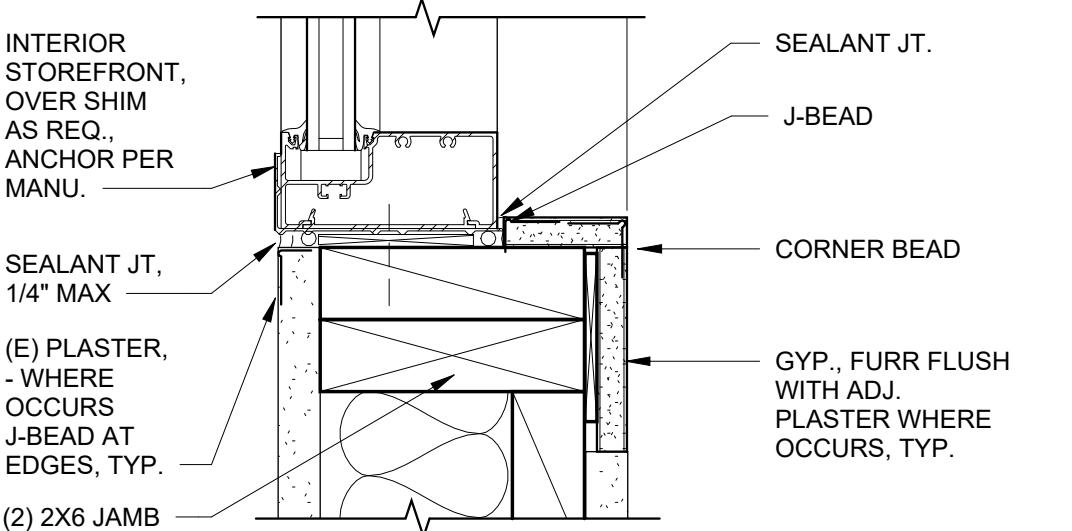
10 INT. STOREFRONT SILL
3" = 1'-0"



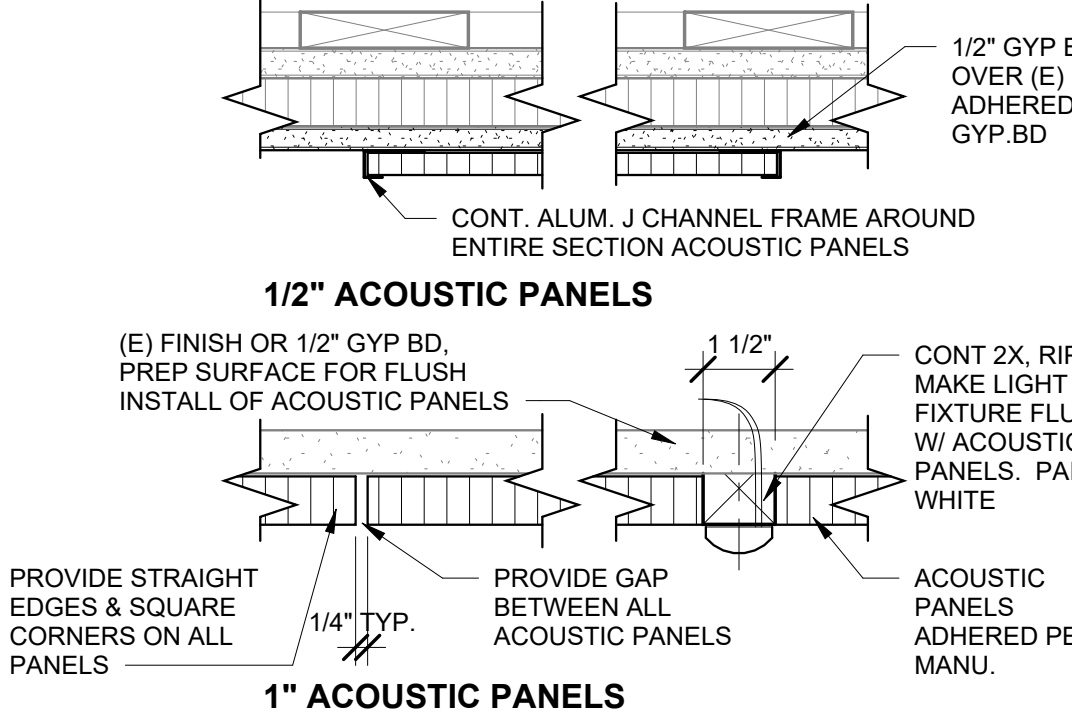
5 INT. HM SILL @ 2ND FLR.
3" = 1'-0"



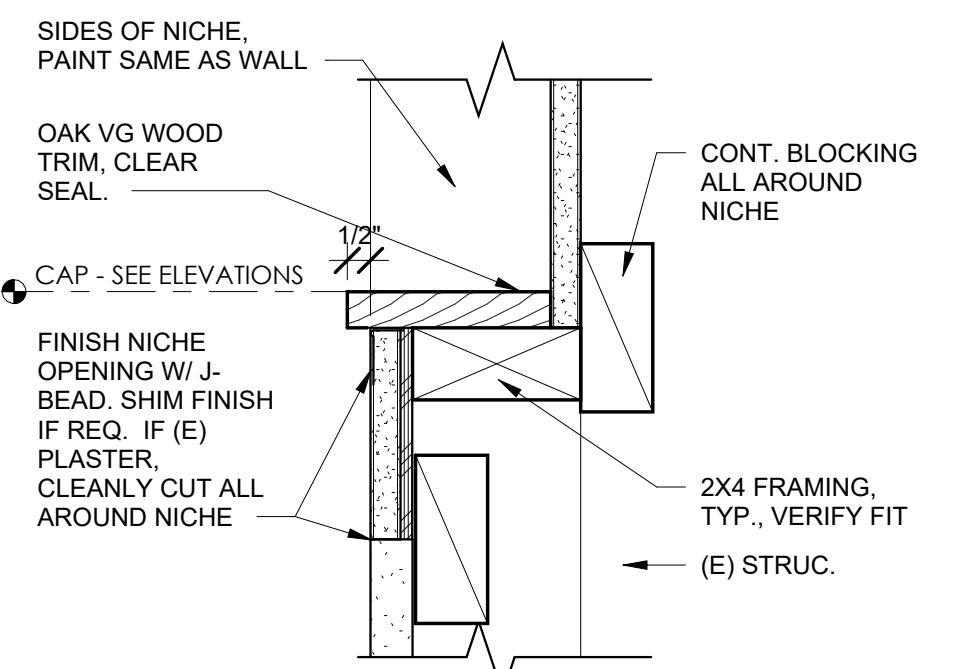
9 INT. STOREFRONT SILL AT FLR.
3" = 1'-0"



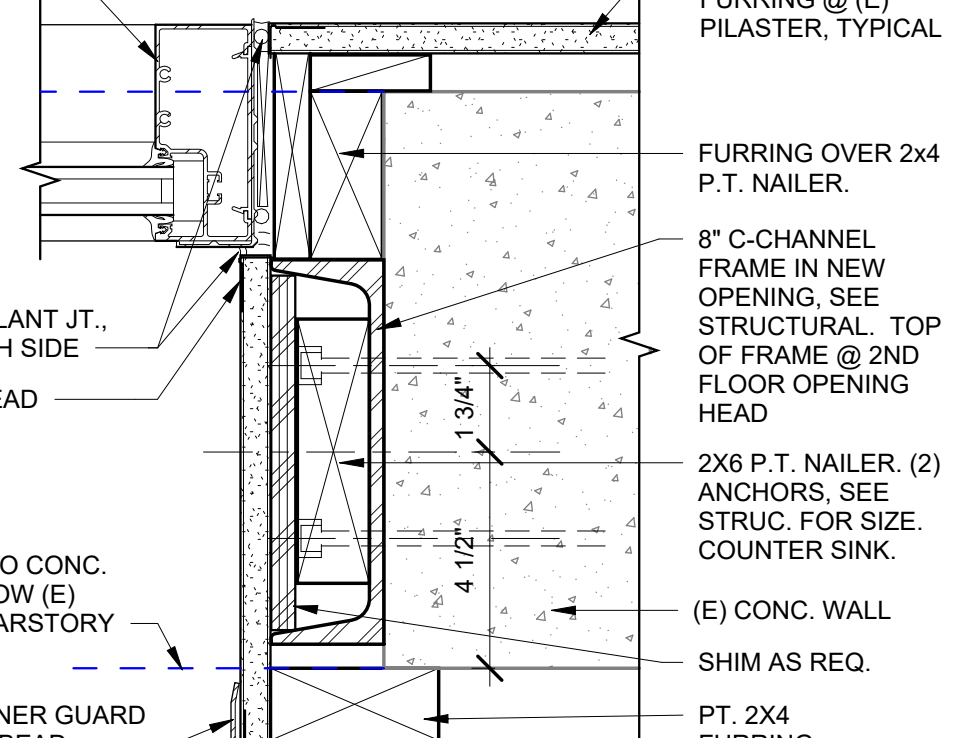
14 ACOUSTIC PANEL DETAILS
3" = 1'-0"



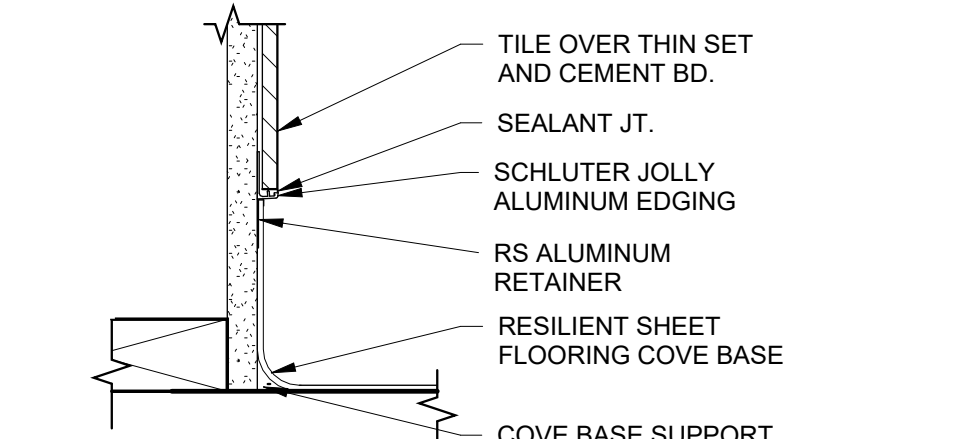
13 GUARDRAIL AT STAIR 1
3" = 1'-0"



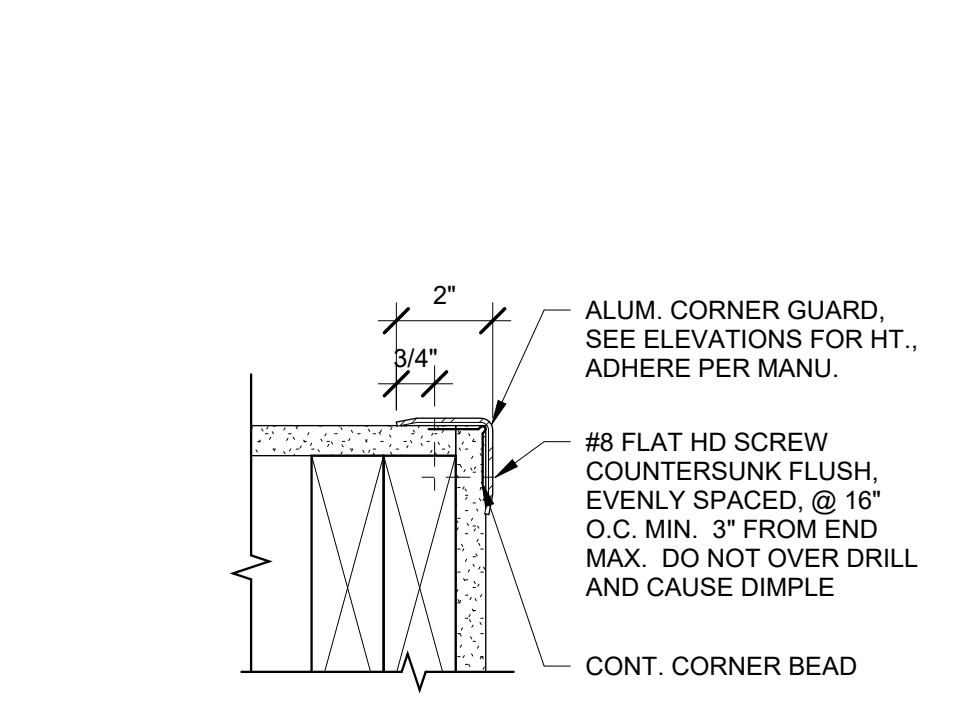
17 NICHE SILL
3" = 1'-0"



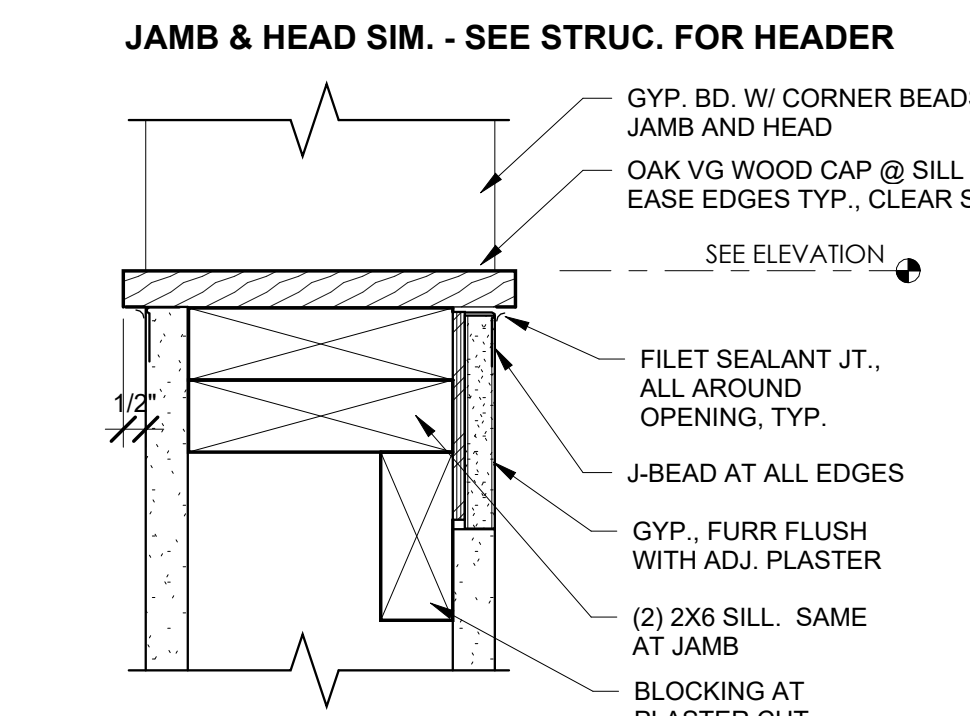
16 INT. STOREFRONT JAMB AT CONC.
3" = 1'-0"



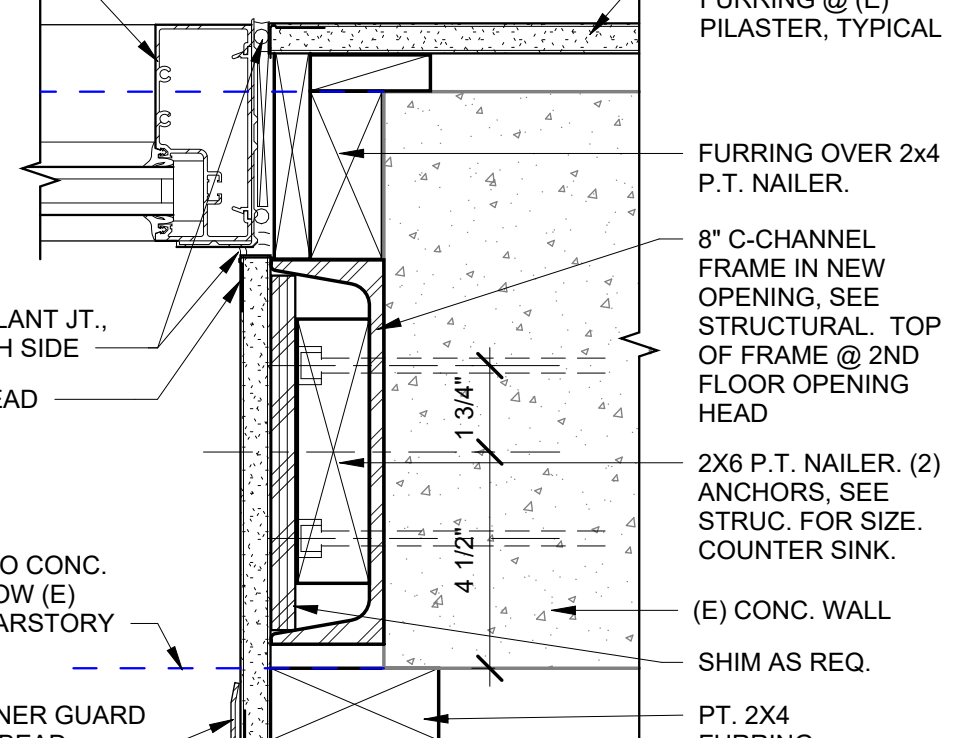
15 COVE BASE
3" = 1'-0"



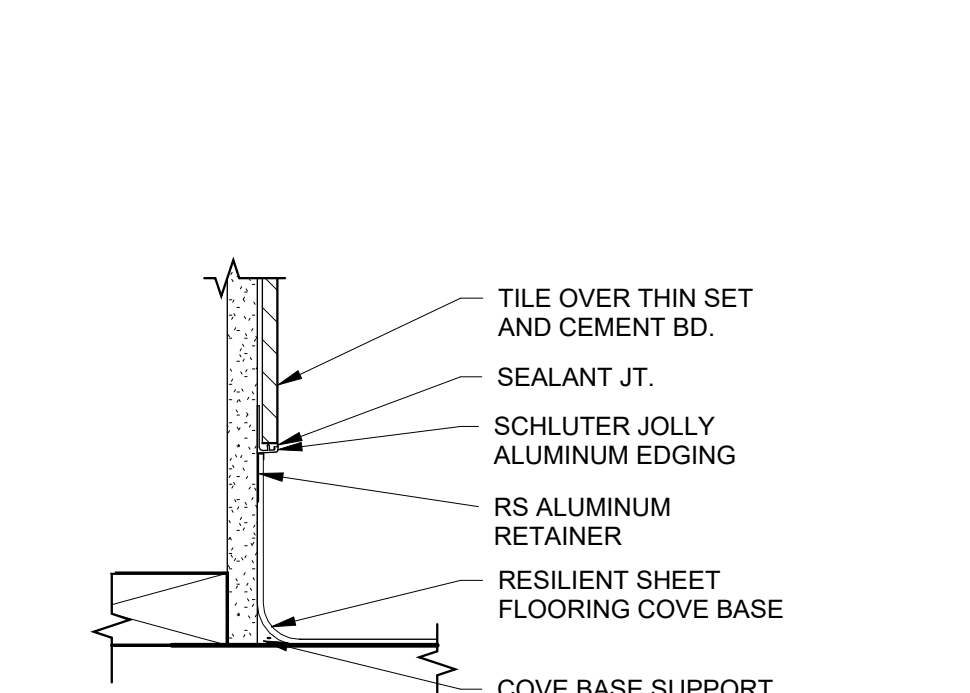
19 CORNER GUARD
3" = 1'-0"



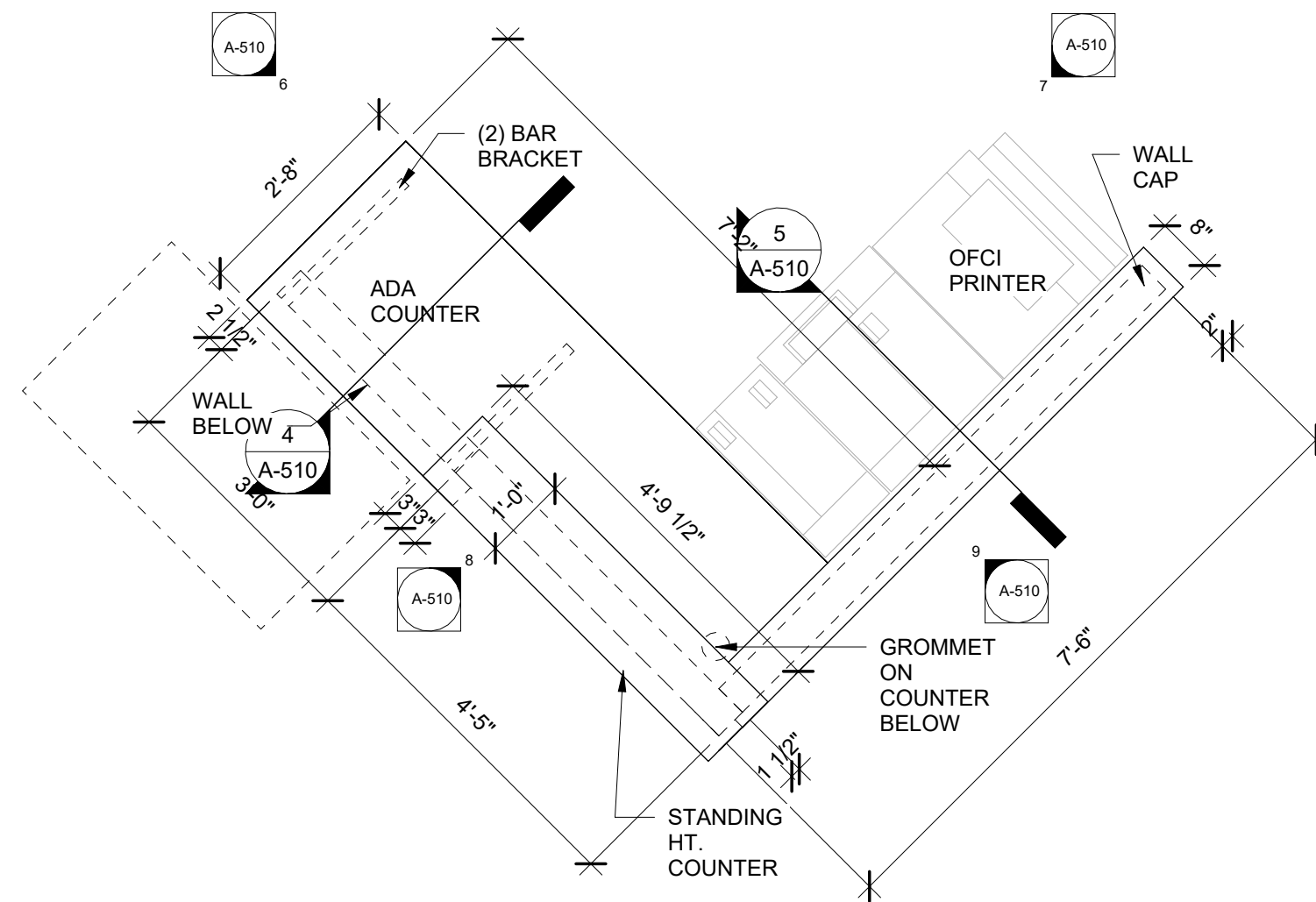
18 WALL CAP
3" = 1'-0"



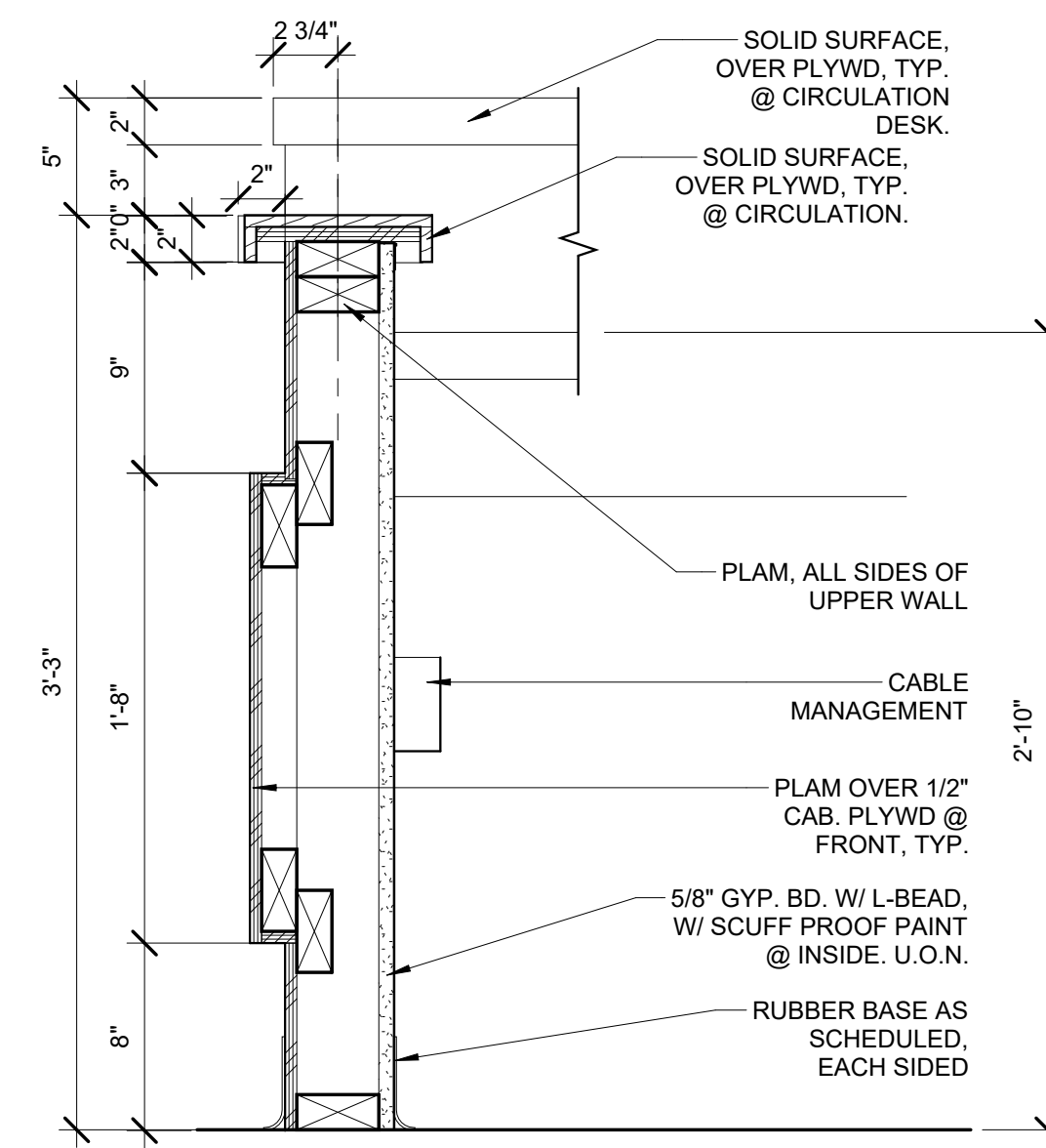
21 NICHE AT CONC. INFILL
3" = 1'-0"



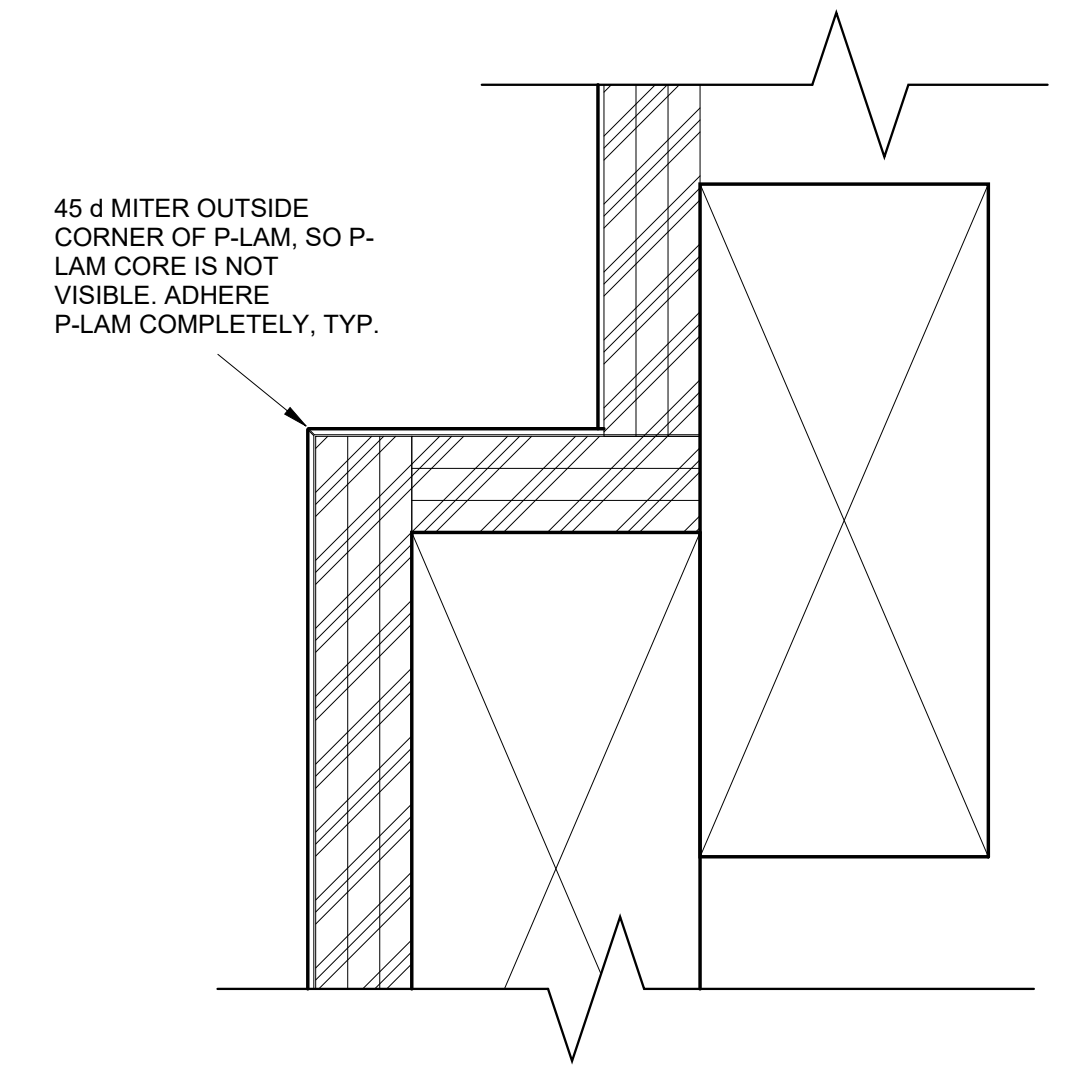
20 VAULT TRANSITION
3" = 1'-0"



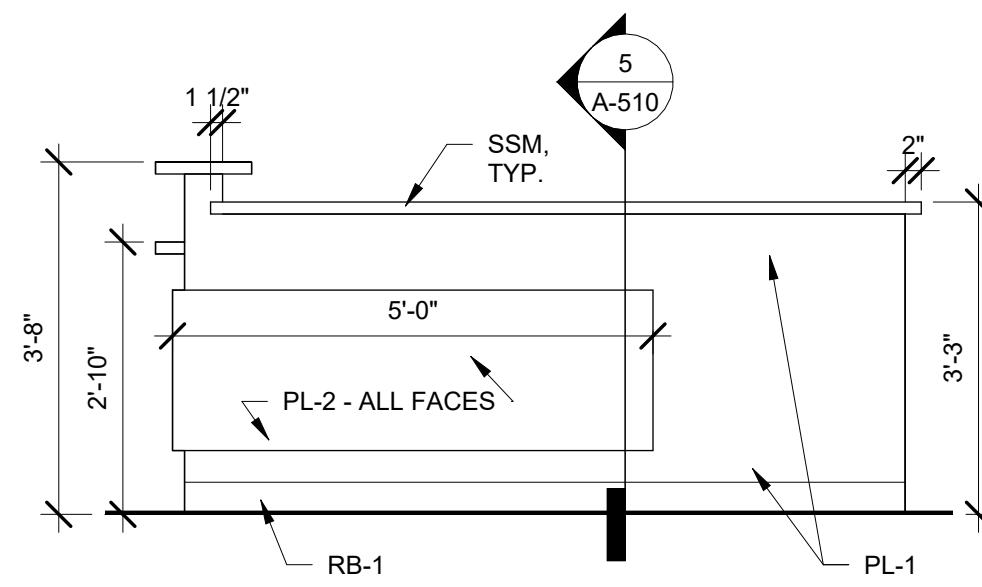
10 CIRCULATION DESK
1/2" = 1'-0"



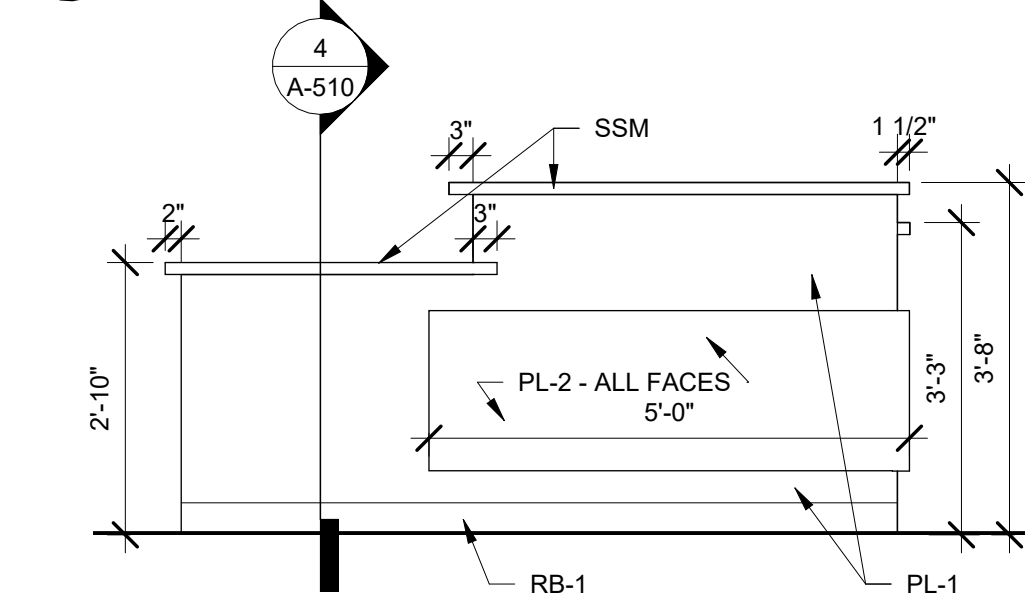
5 CIRCULATION DESK SECTION 2
1 1/2" = 1'-0"



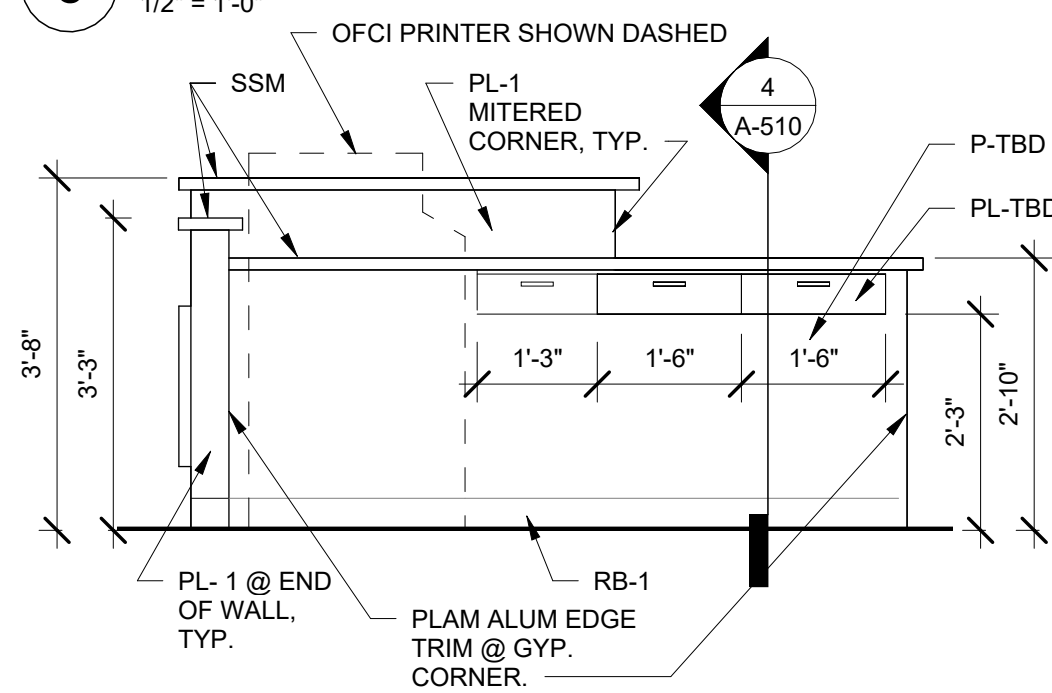
11 MITERED P-LAM CORNERS
1/2" = 1'-0"



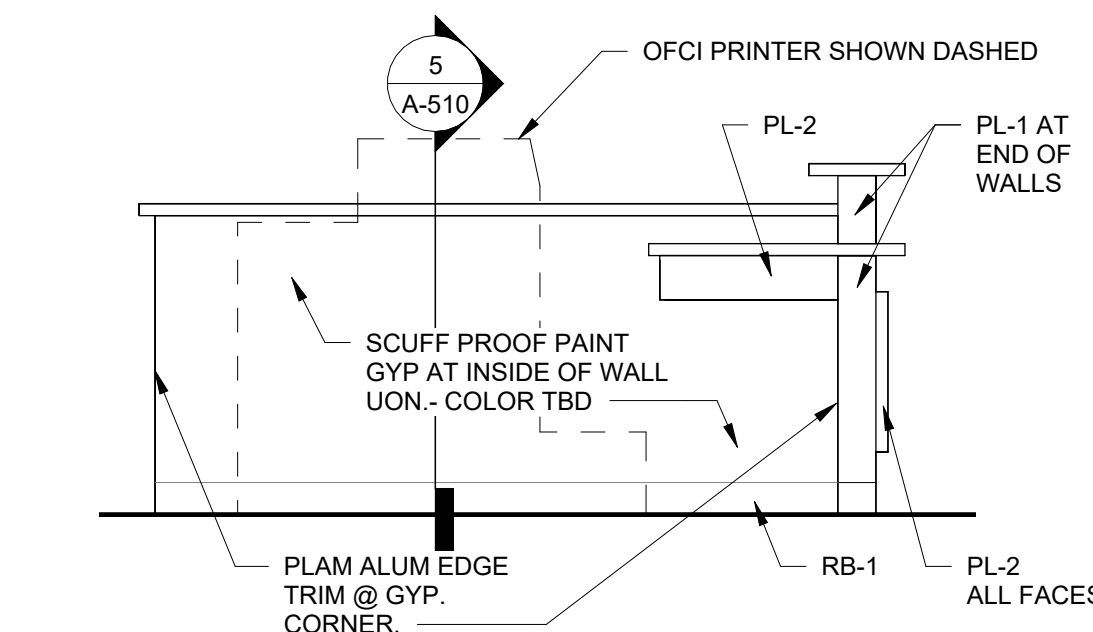
9 CIRCULATION DESK - EAST ELEVATION
1/2" = 1'-0"



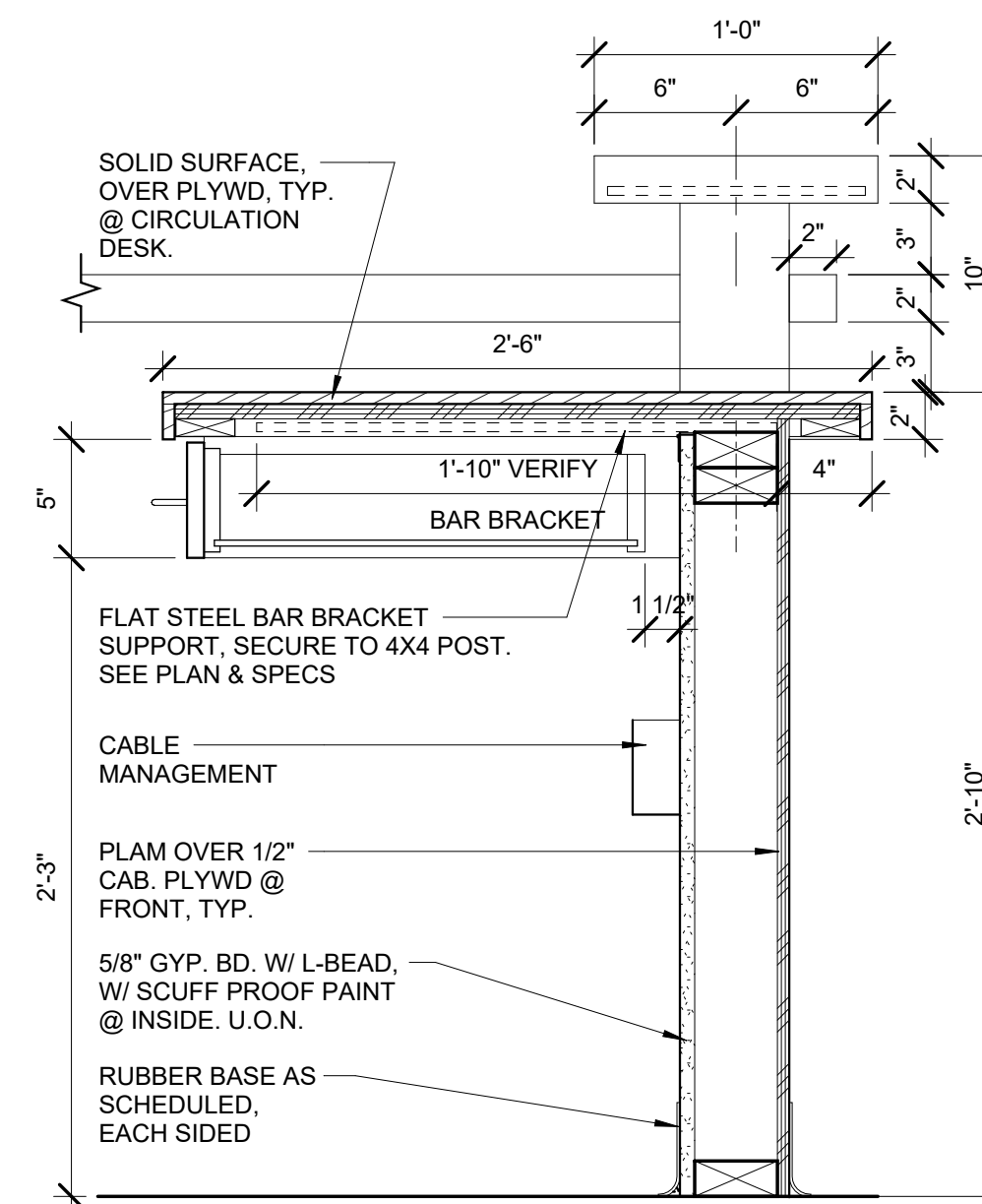
8 CIRCULATION DESK - WEST ELEVATION
1/2" = 1'-0"



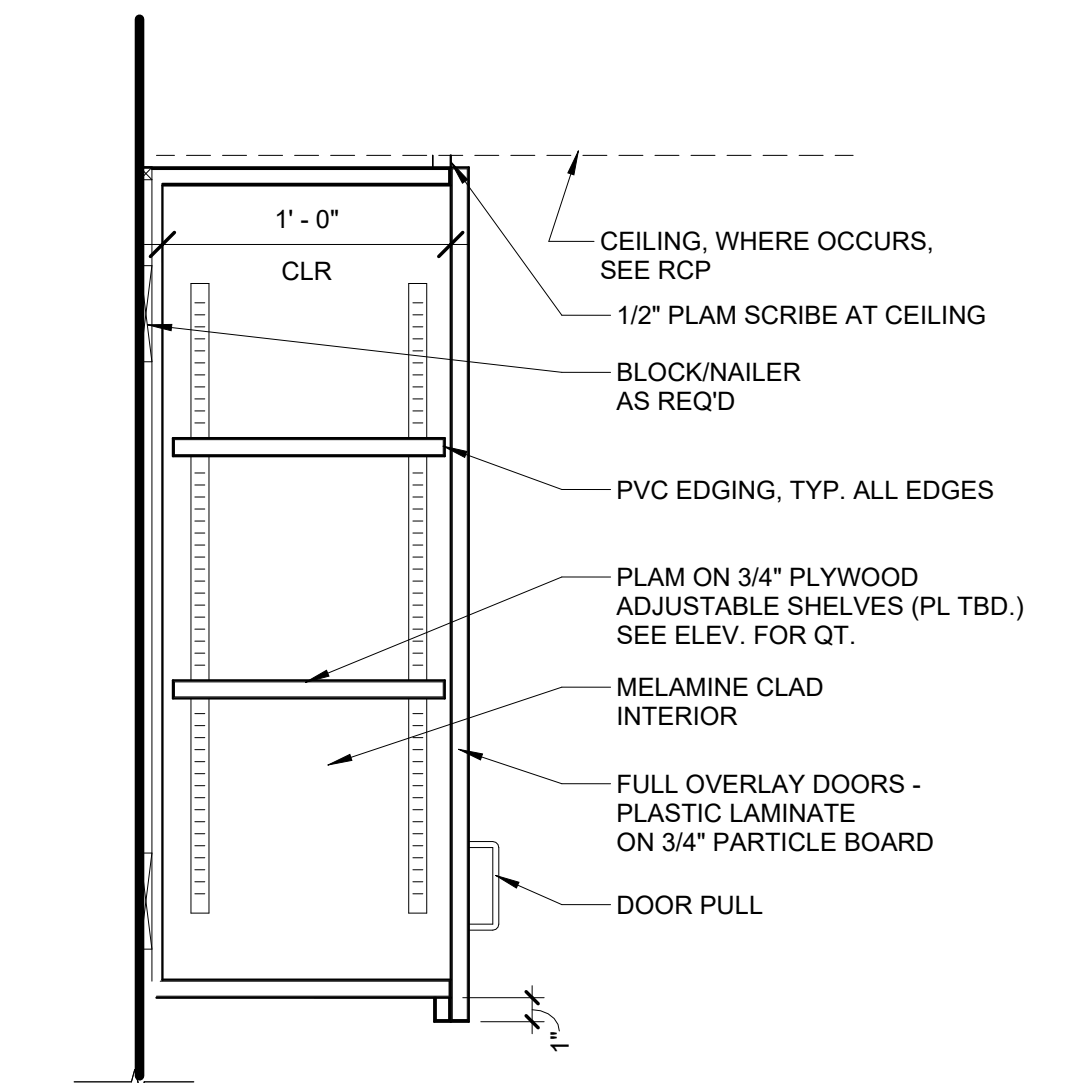
7 CIRCULATION DESK - W. BACK
1/2" = 1'-0"



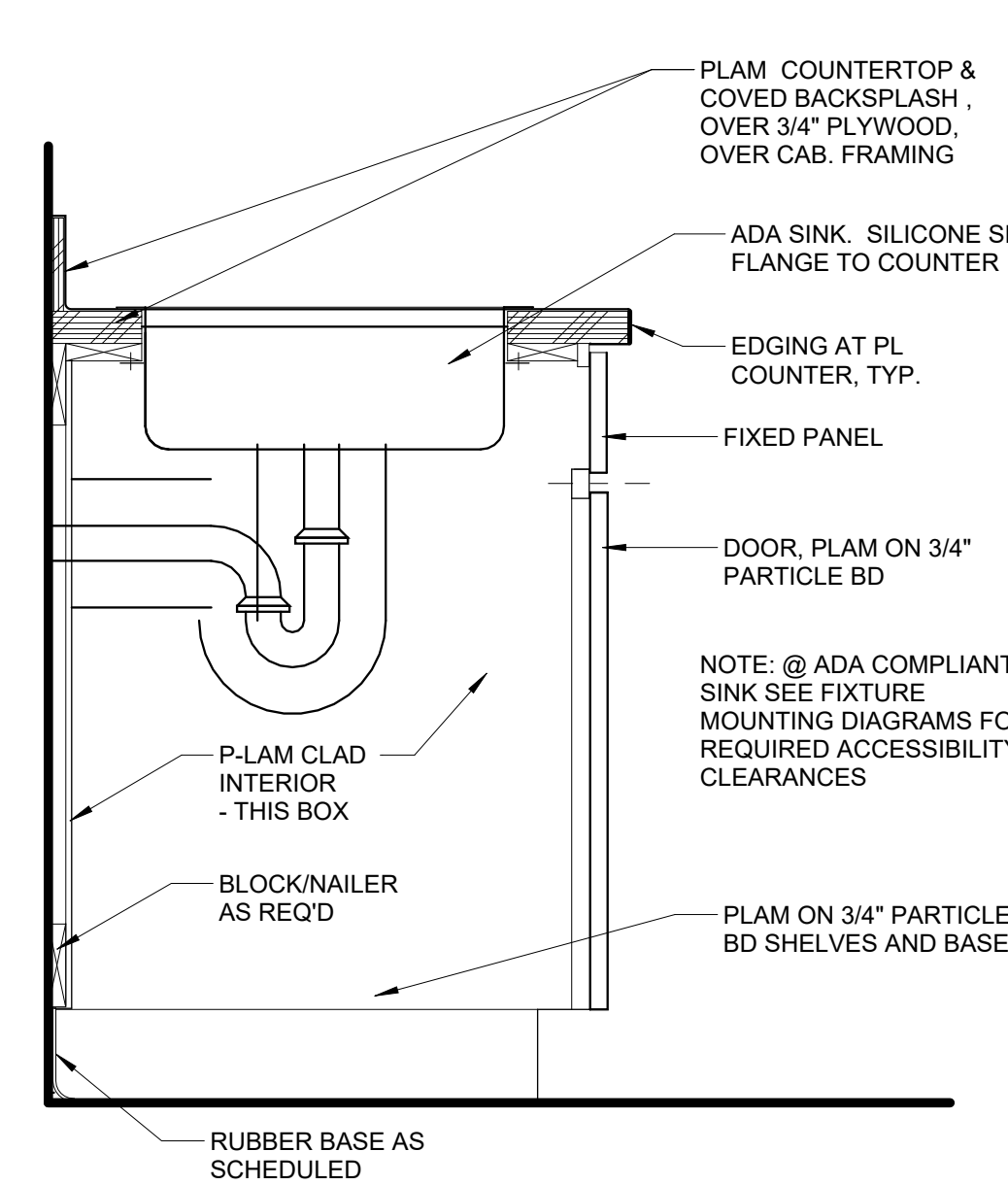
6 CIRCULATION DESK - E. BACK
1/2" = 1'-0"



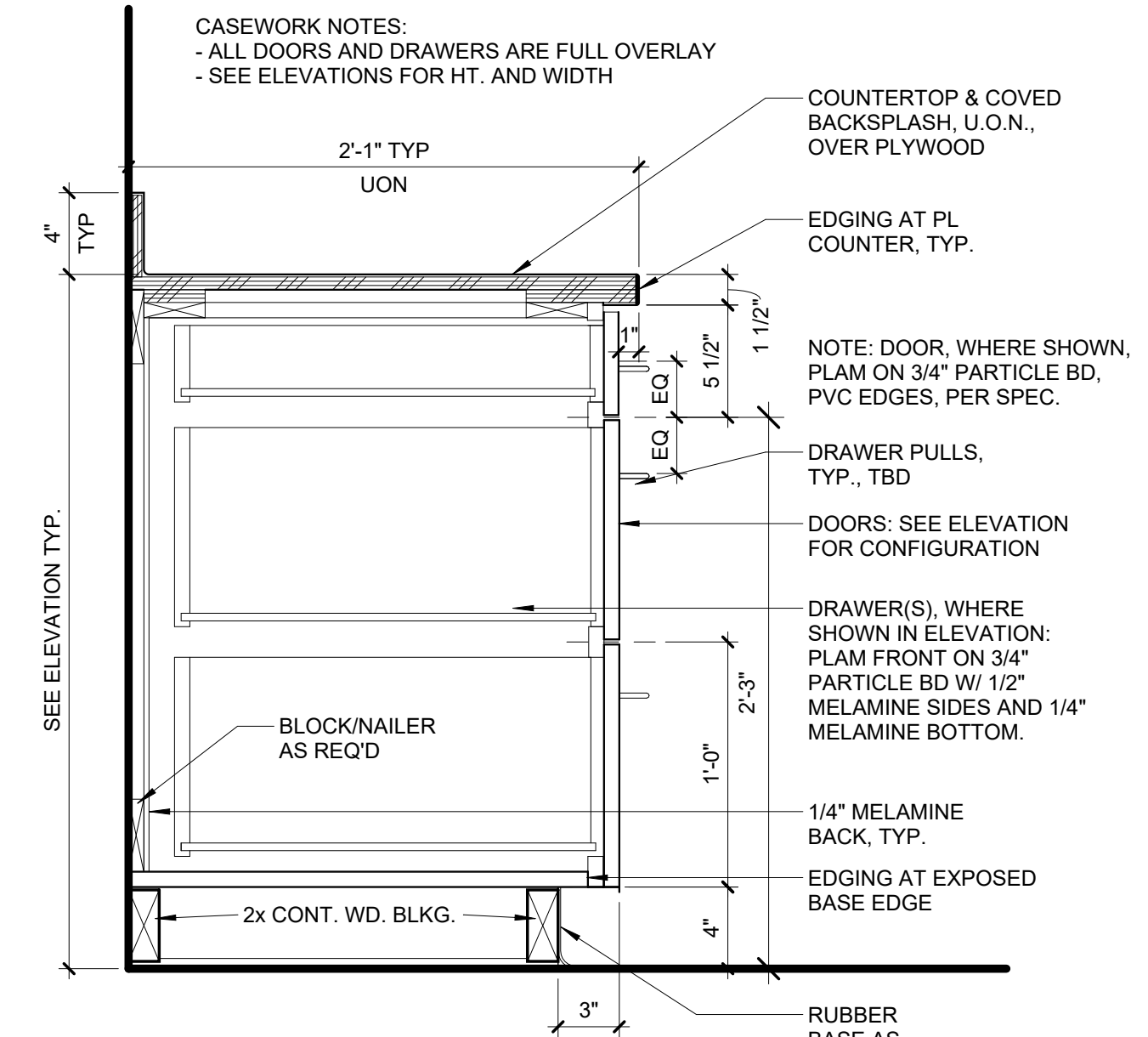
4 CIRCULATION DESK SECTION 1
1 1/2" = 1'-0"



2 UPPER CABINET
1 1/2" = 1'-0"

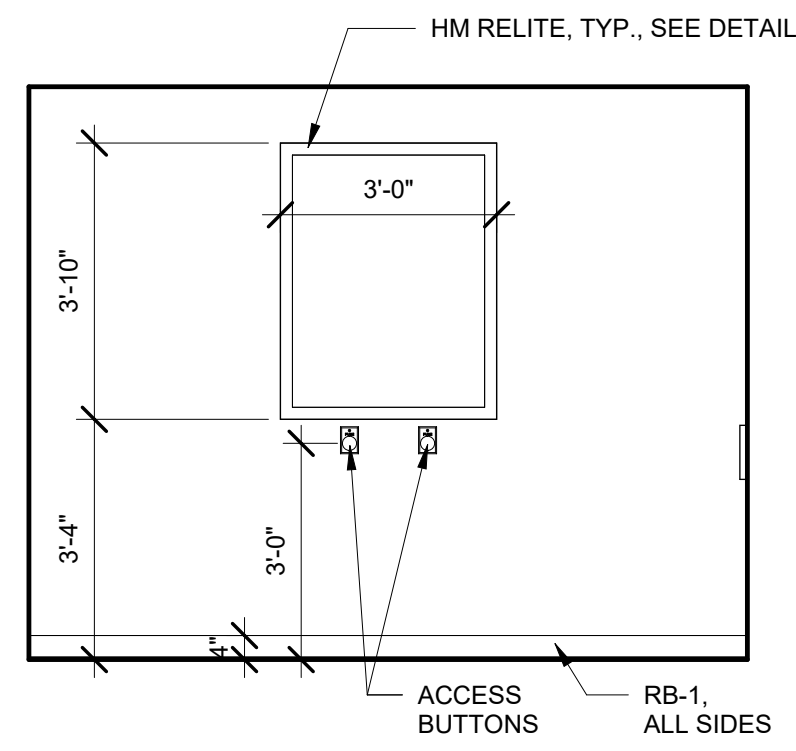


3 BASE CABINET AT SINK
1 1/2" = 1'-0"

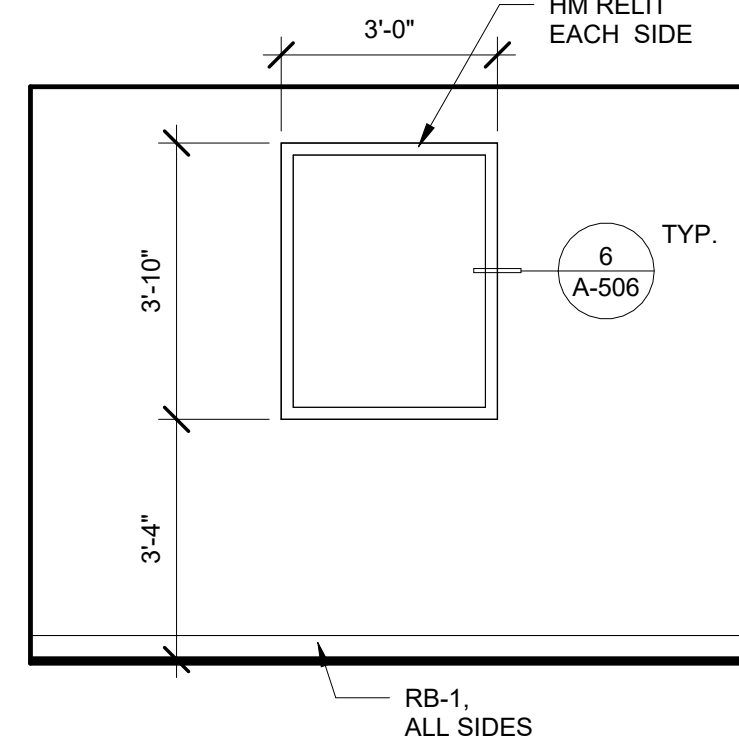


1 BASE CABINET TYPICAL
1 1/2" = 1'-0"

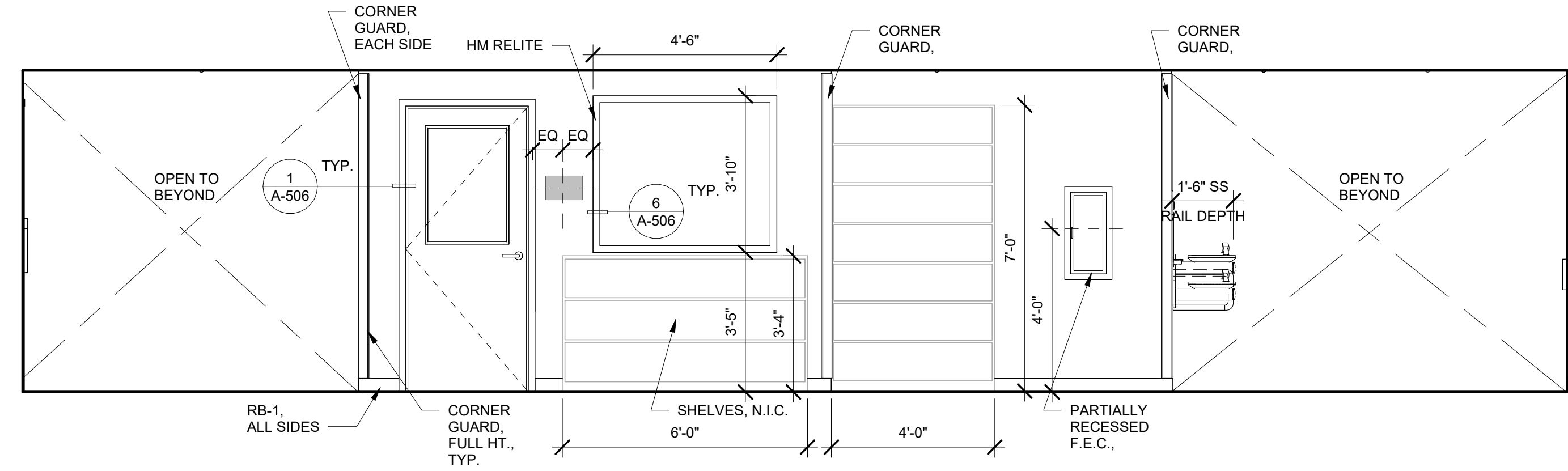
#	DATE	DESCRIPTION



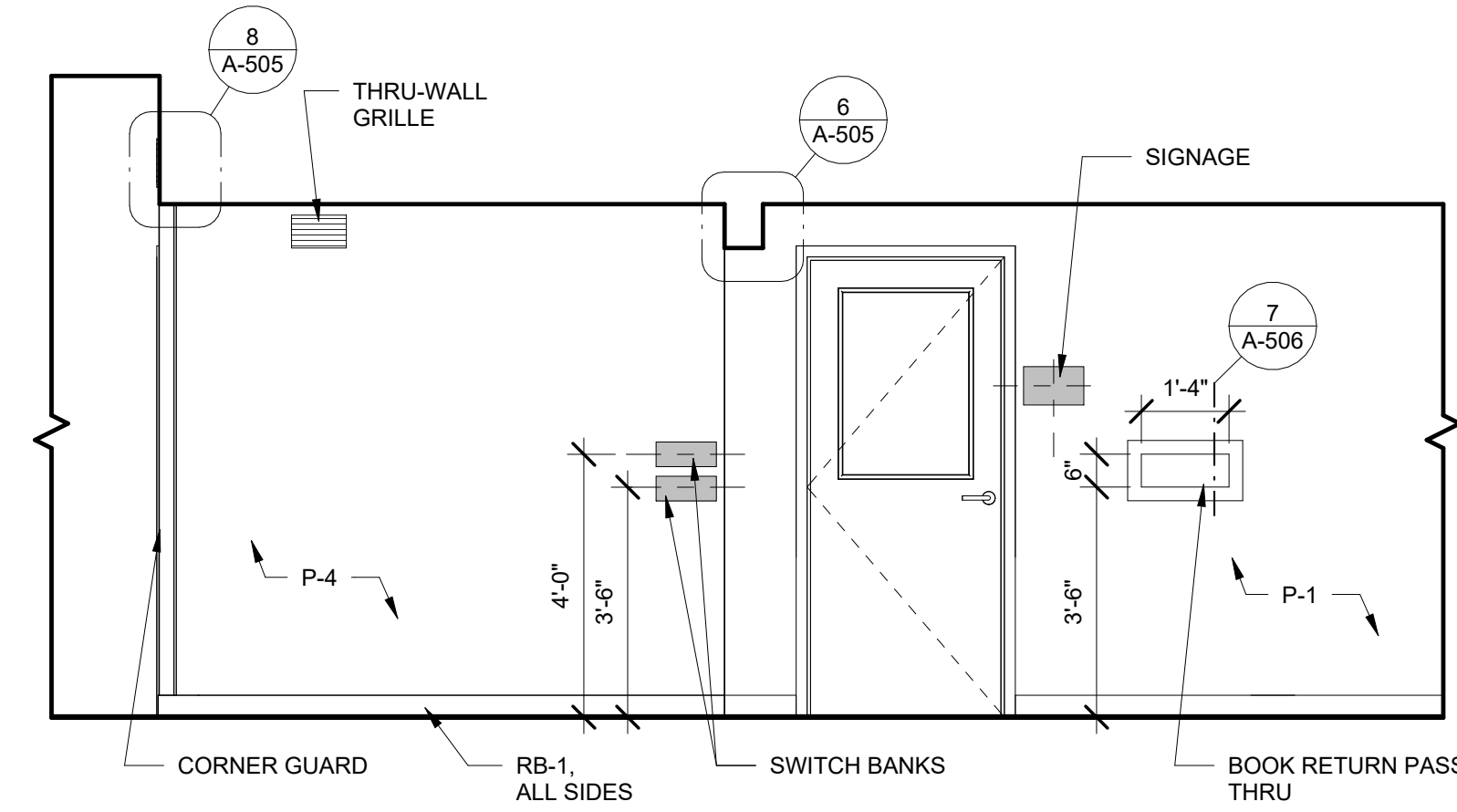
6 NORTH ENTRY - EAST
3/8" = 1'-0"



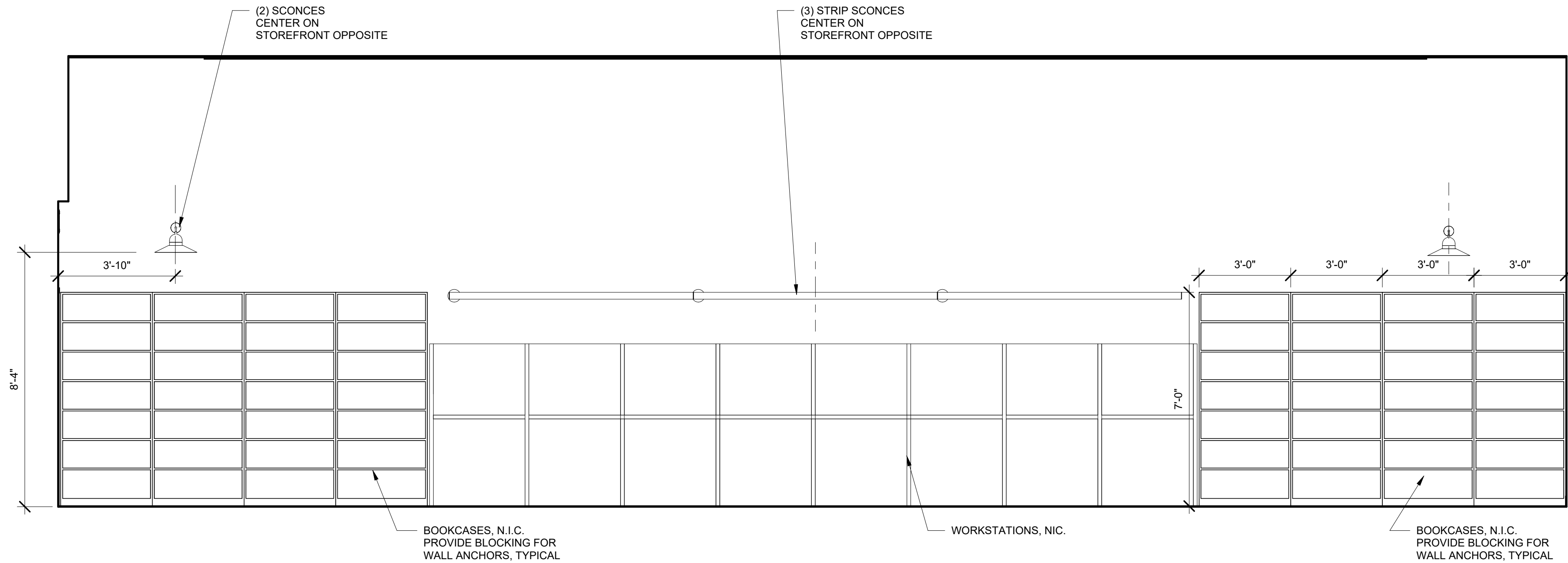
5 NORTH ENTRY - WEST
3/8" = 1'-0"



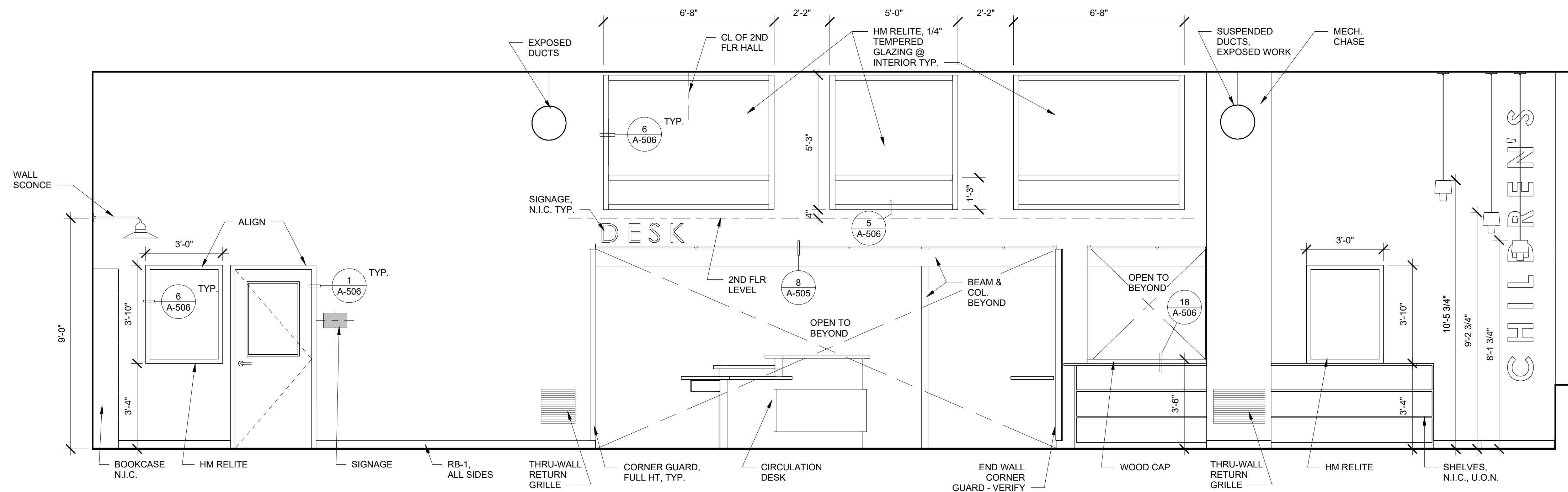
4 CIRCULATION - WEST
3/8" = 1'-0"



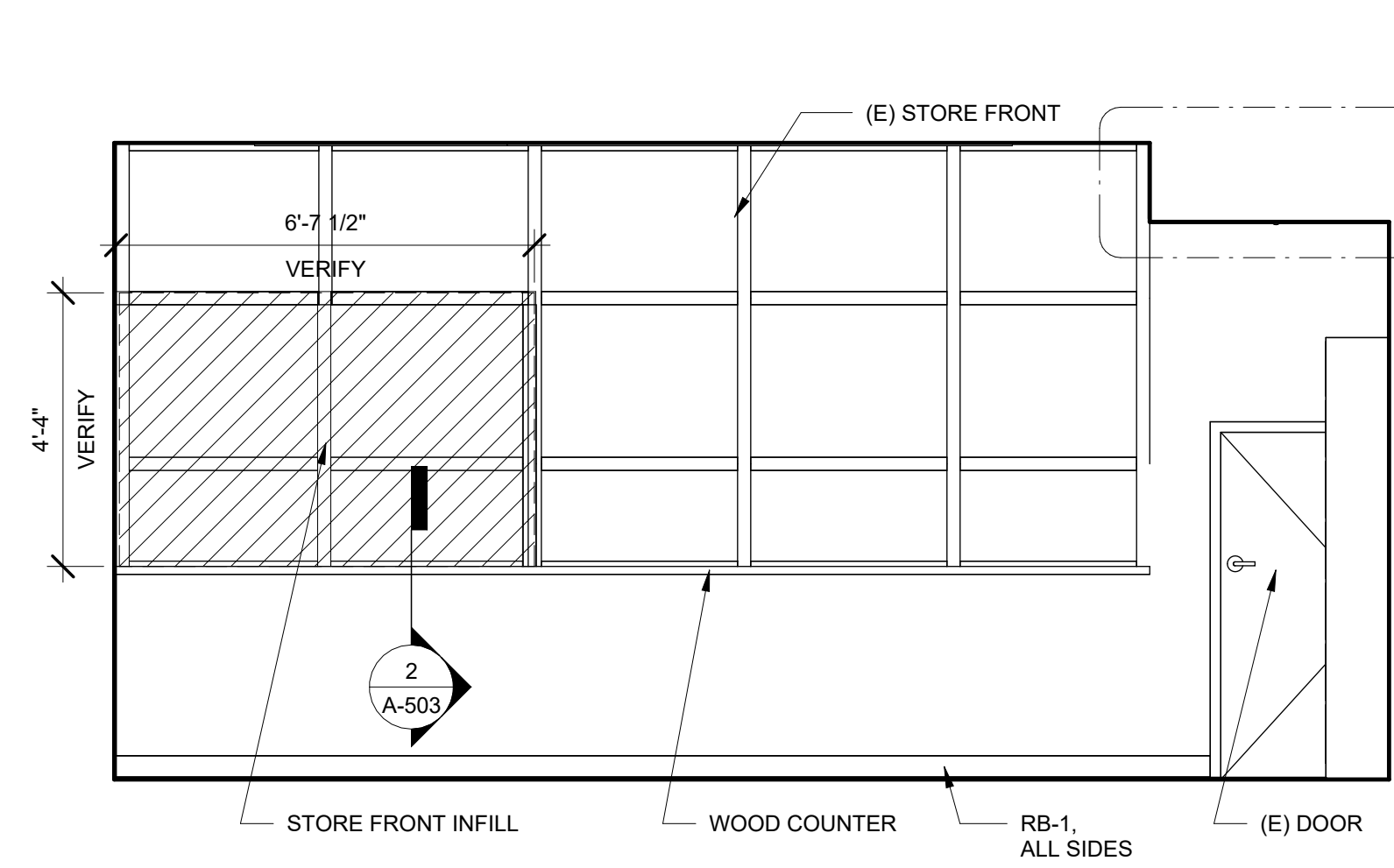
3 CIRCULATION - SOUTH
3/8" = 1'-0"



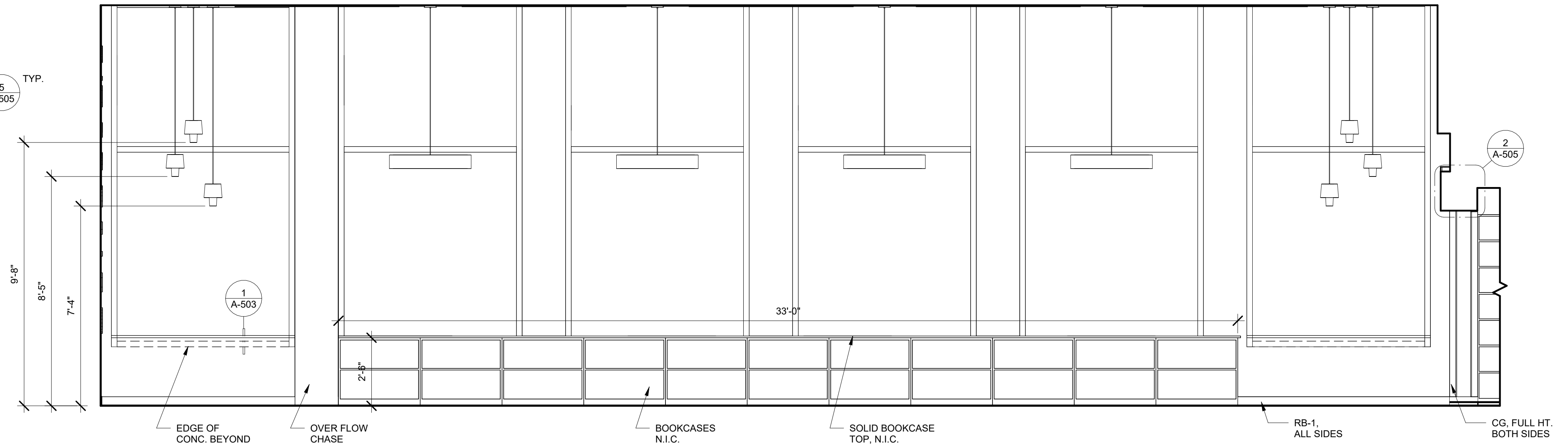
2 COLLECTIONS - SOUTH @ CENTER
3/8" = 1'-0"



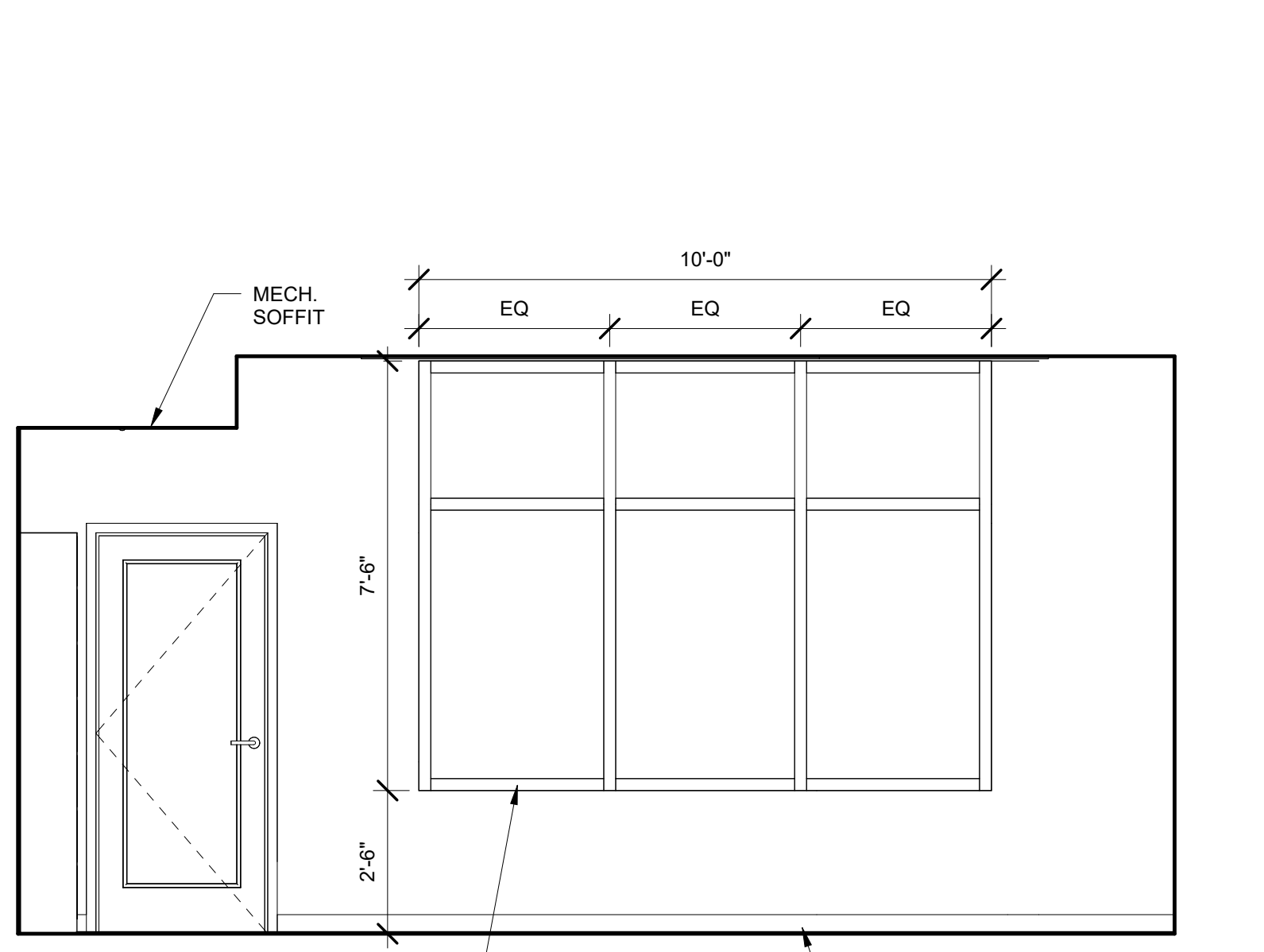
1 COLLECTIONS - WEST @ CENTER
3/8" = 1'-0"



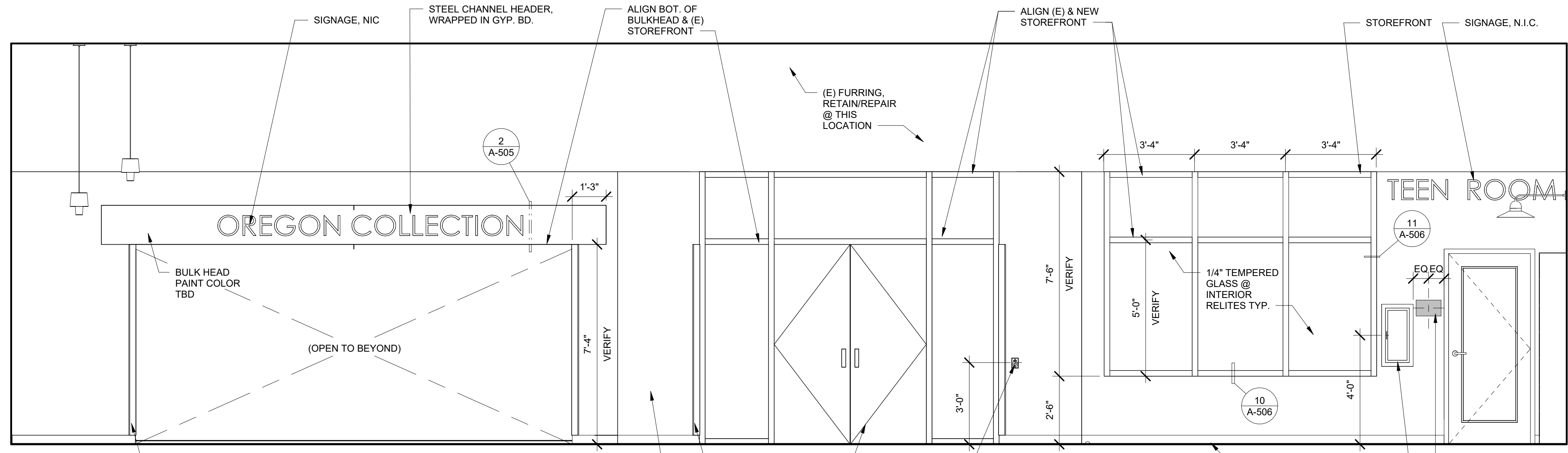
7 TEEN RM - EAST
3/8" = 1'-0"



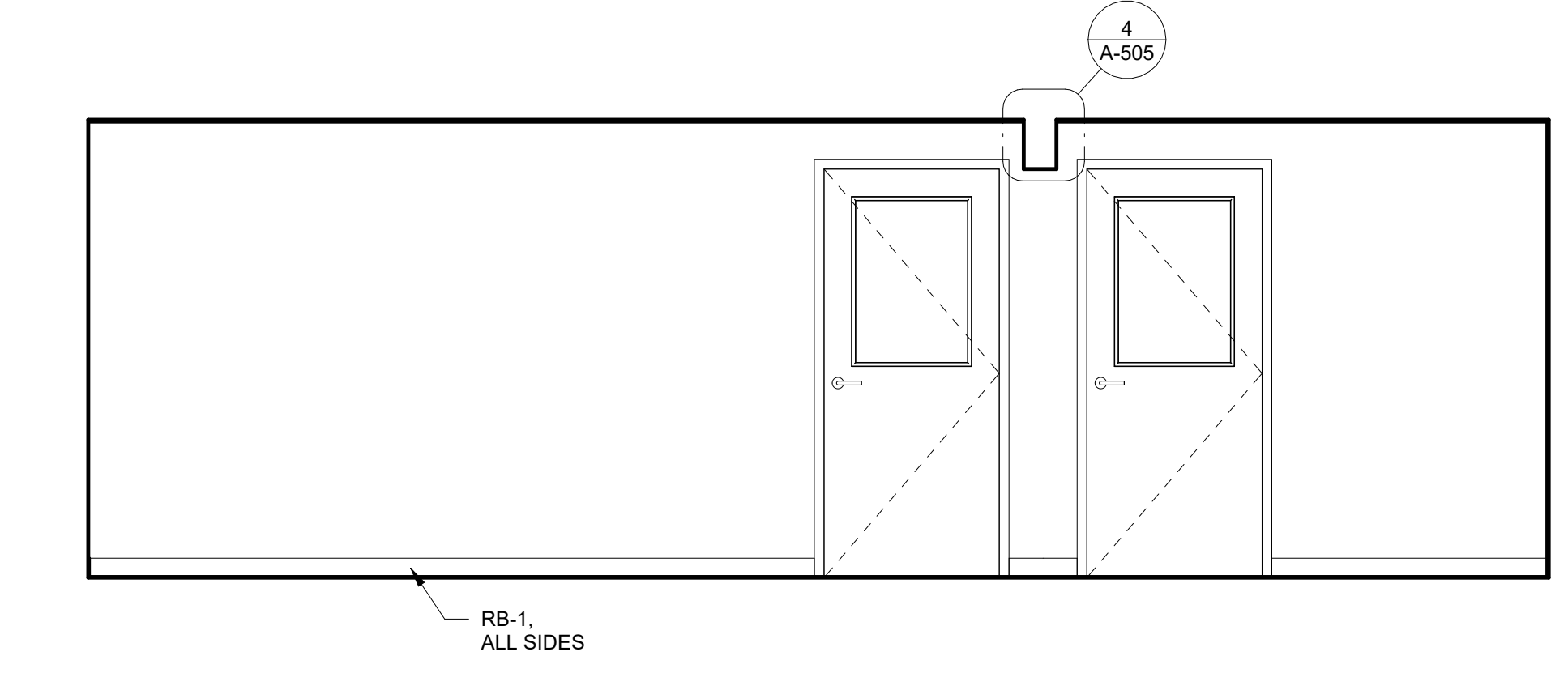
6 COLLECTIONS - NORTH -
3/8" = 1'-0"



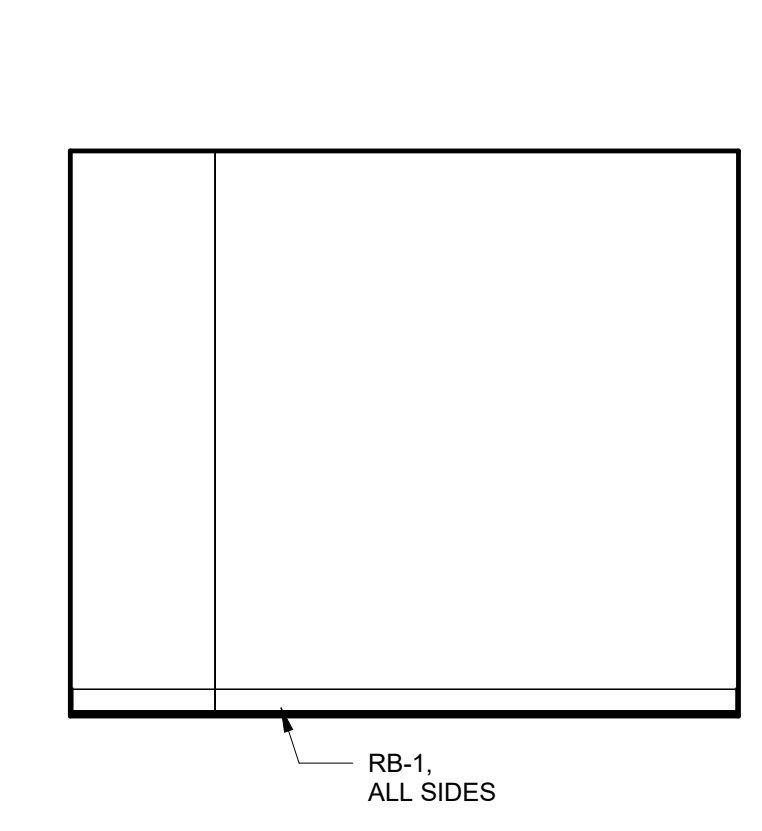
5 TEEN RM - WEST
3/8" = 1'-0"



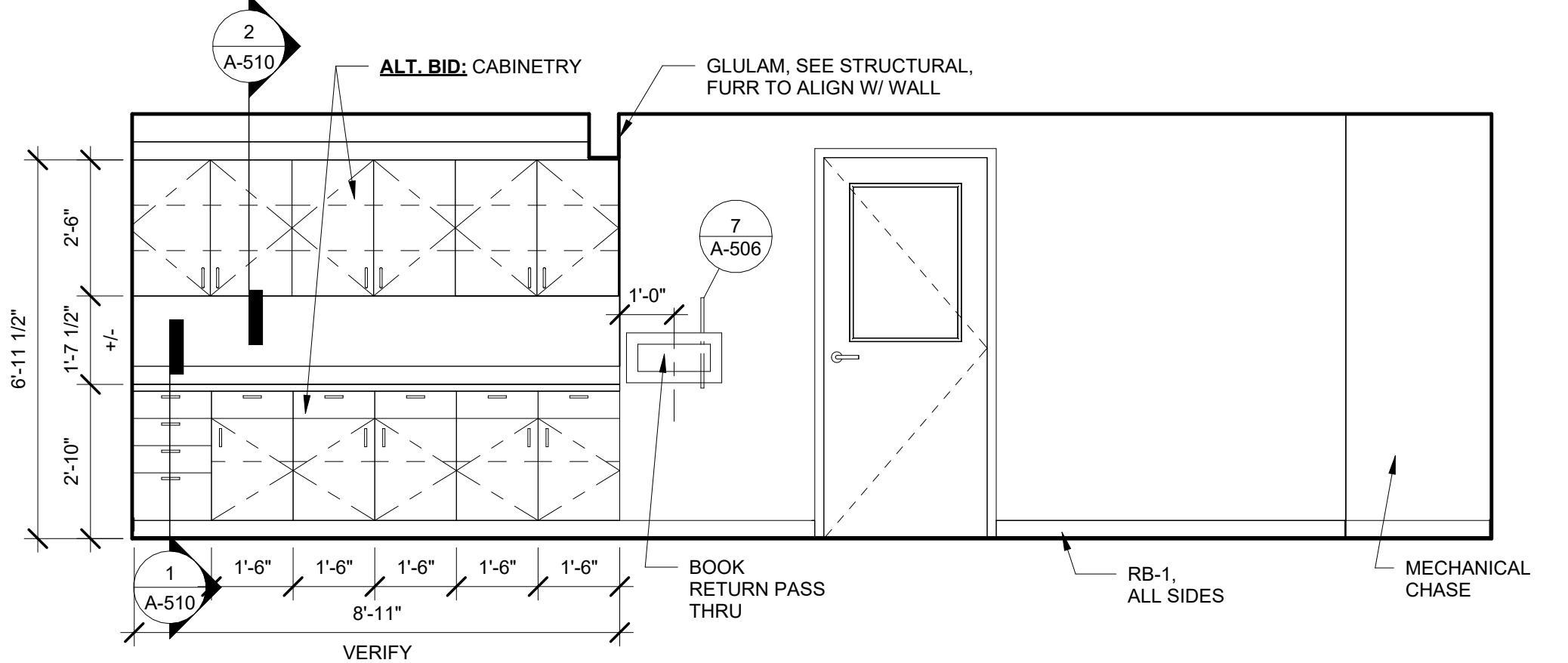
4 COLLECTIONS - EAST -
3/8" = 1'-0"



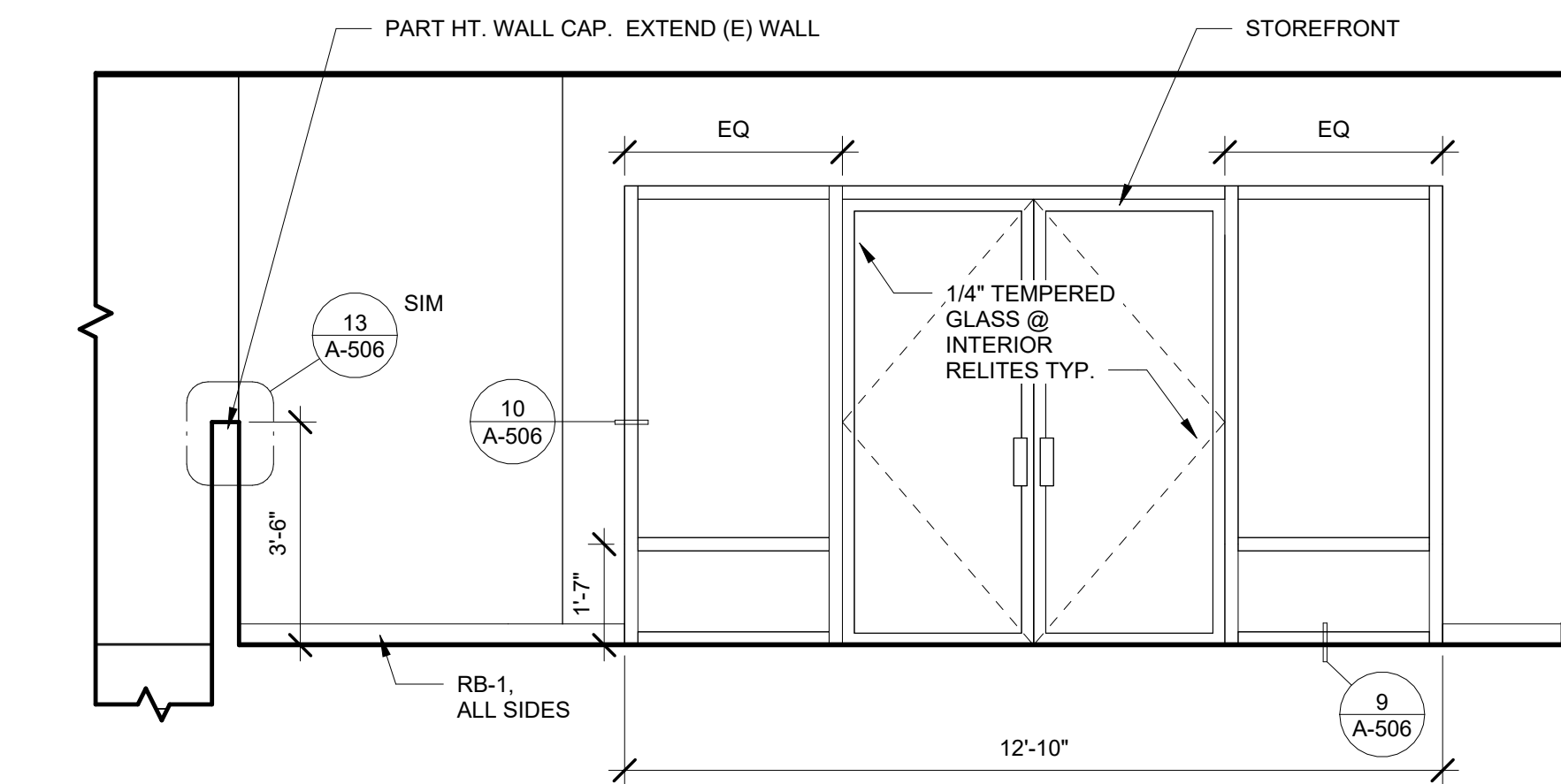
3 WORKROOM - SOUTH
3/8" = 1'-0"



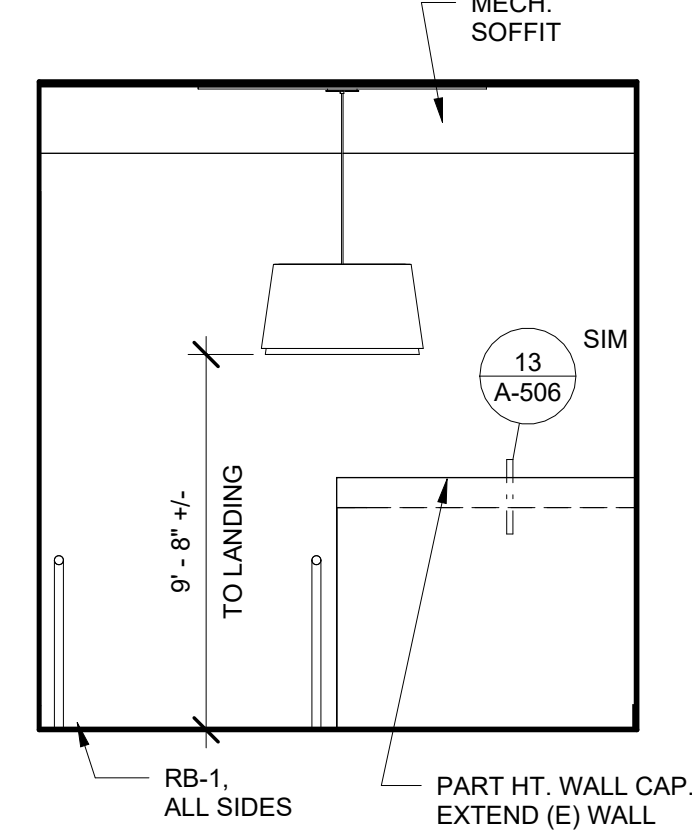
2 WORKROOM - EAST
3/8" = 1'-0"



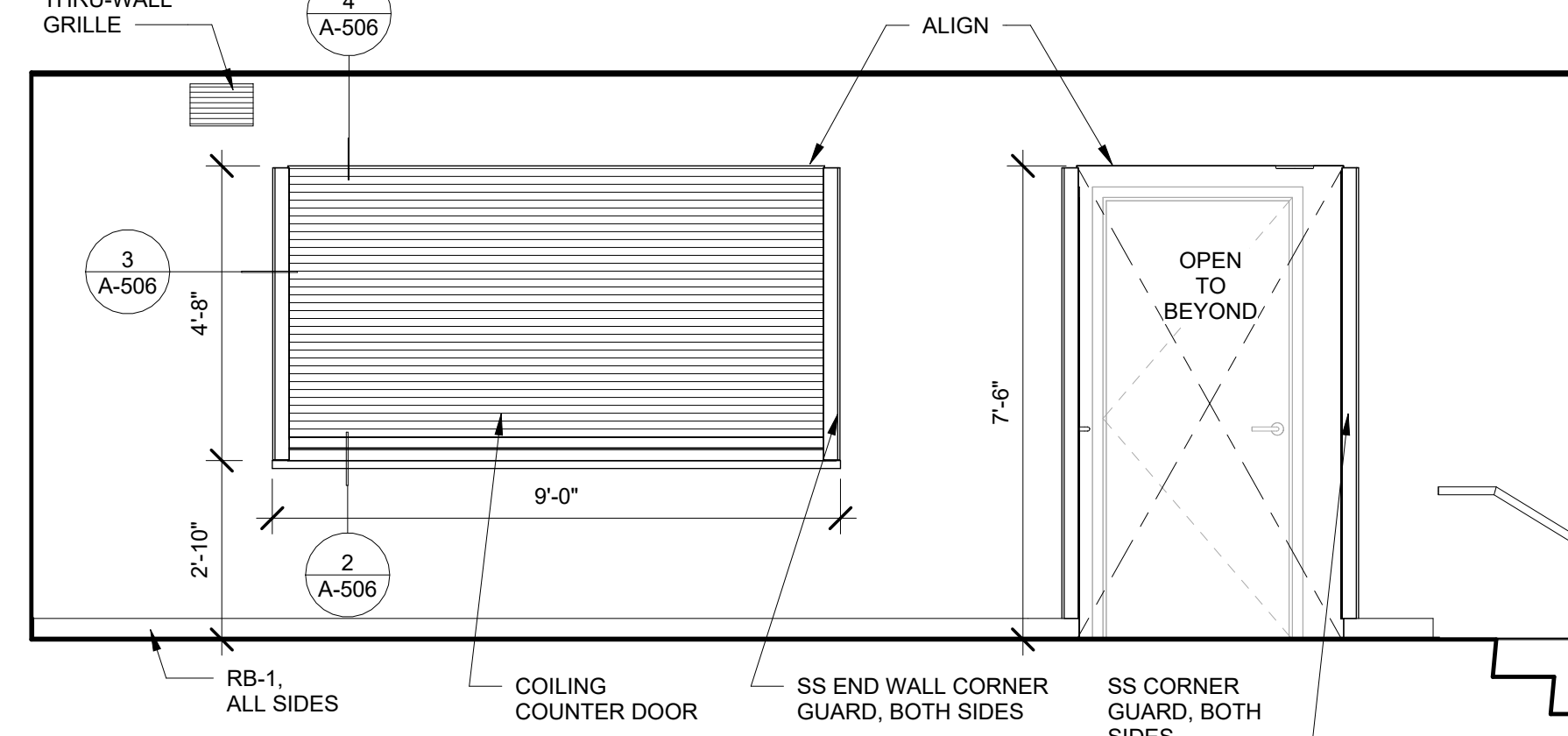
1 WORKROOM - NORTH
3/8" = 1'-0"



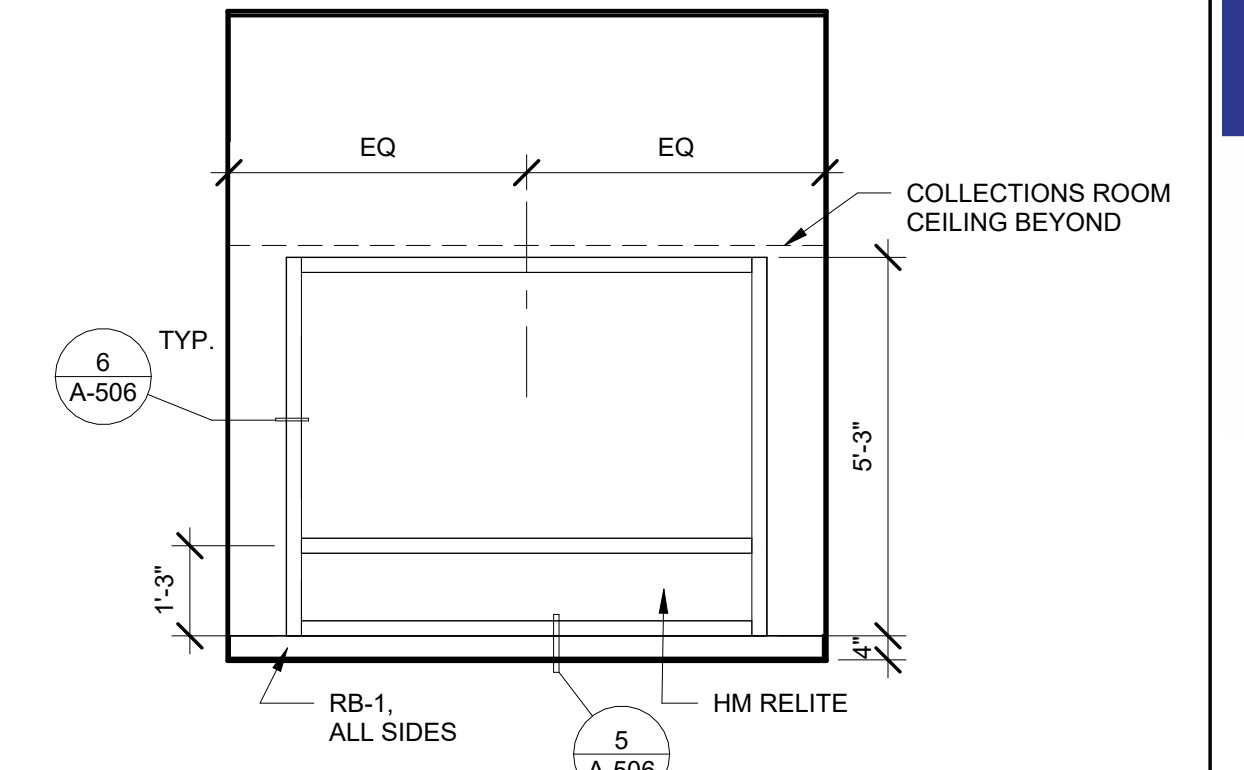
17 2ND FLR. CIR. - NORTH
3/8" = 1'-0"



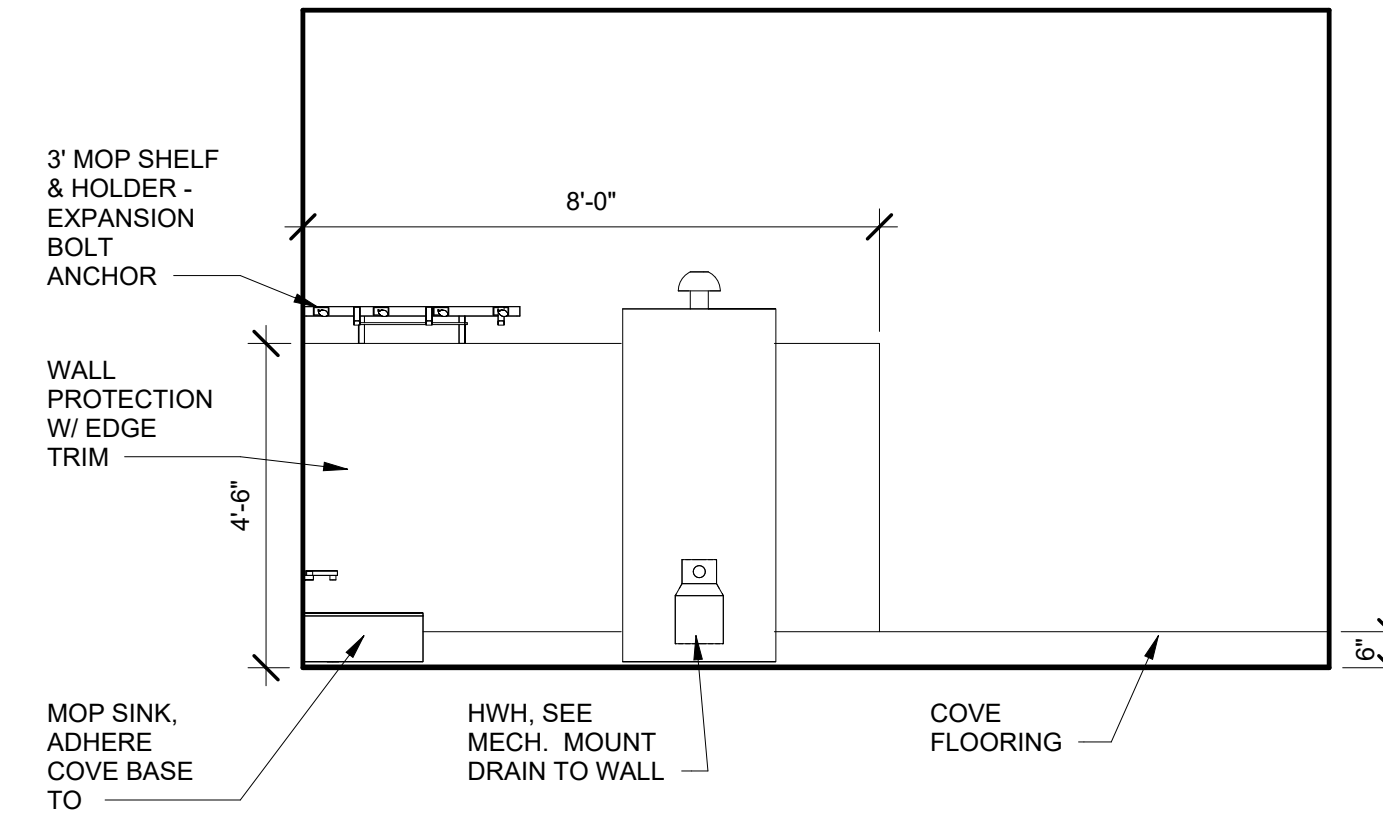
16 2ND FLR. CIR. - WEST
3/8" = 1'-0"



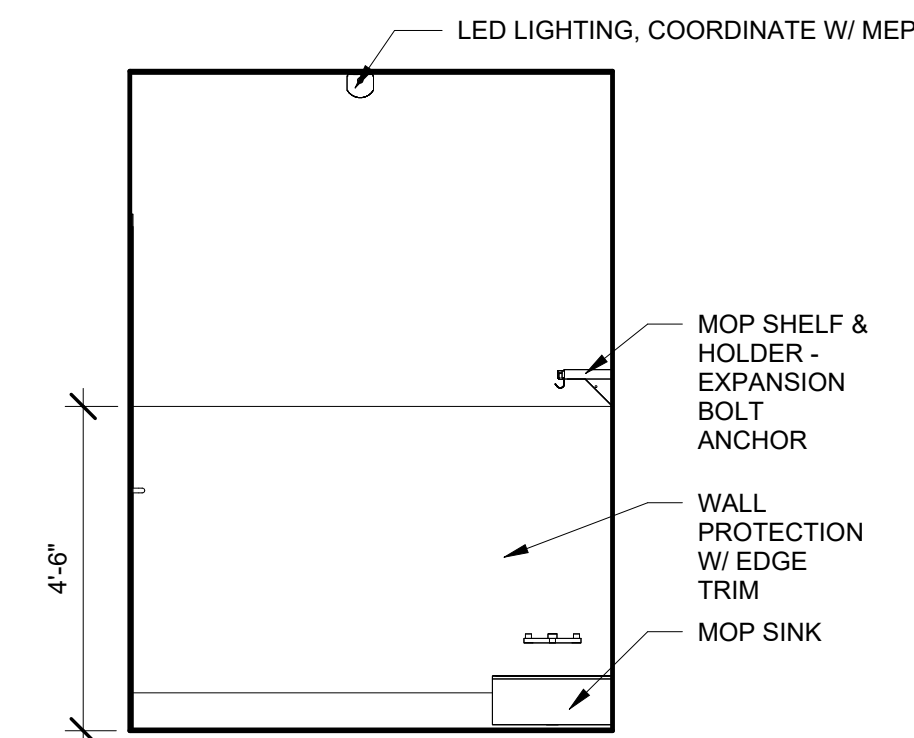
15 2ND FLR. CIR. - SOUTH
3/8" = 1'-0"



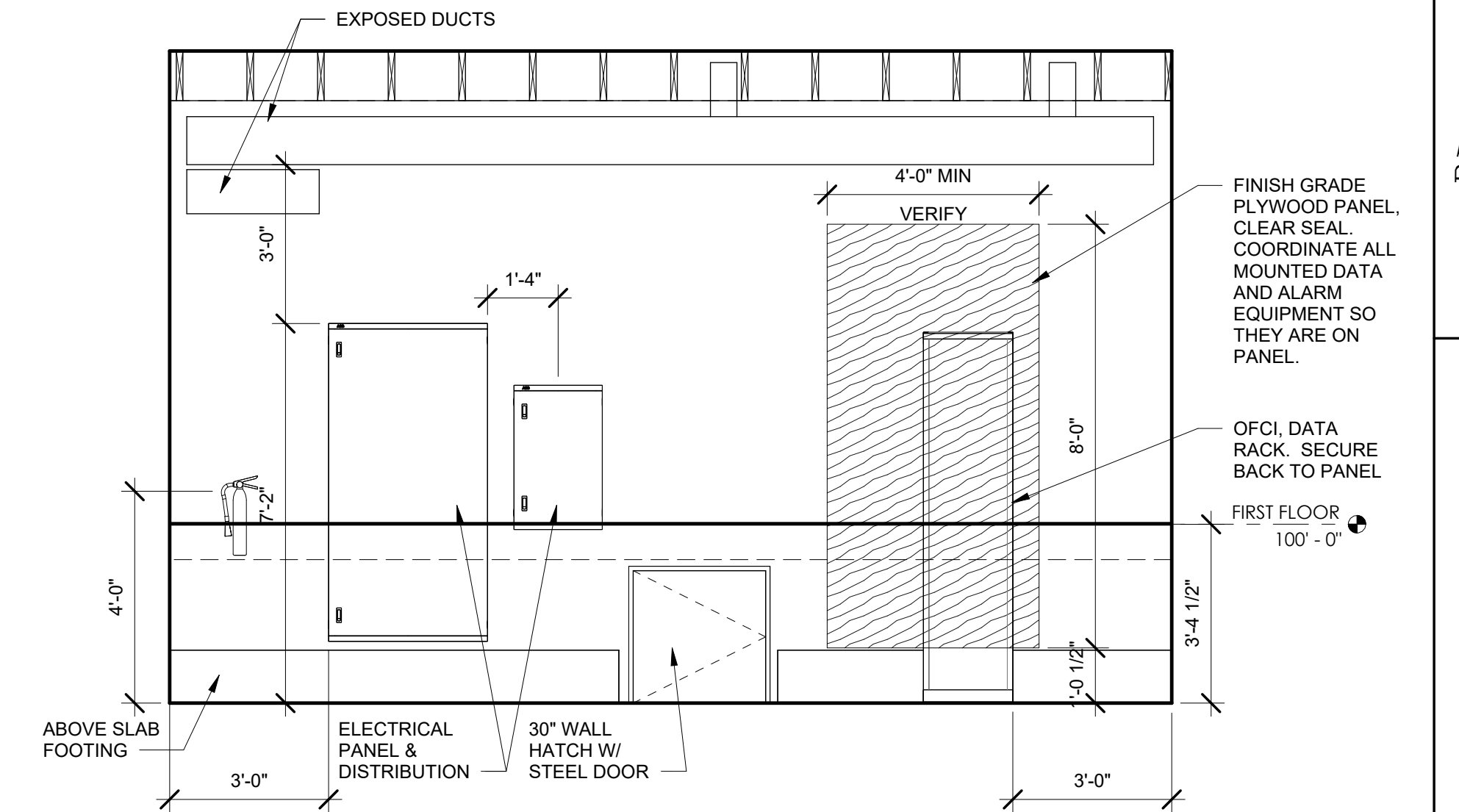
14 2ND FLR. CIR. - EAST
3/8" = 1'-0"



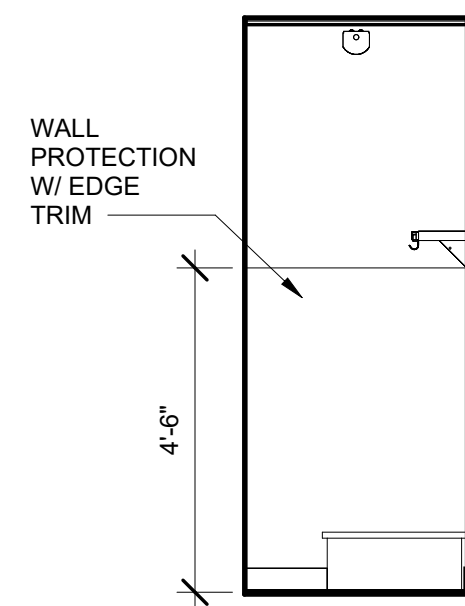
13 2ND FLR. UTILITY - NORTH
3/8" = 1'-0"



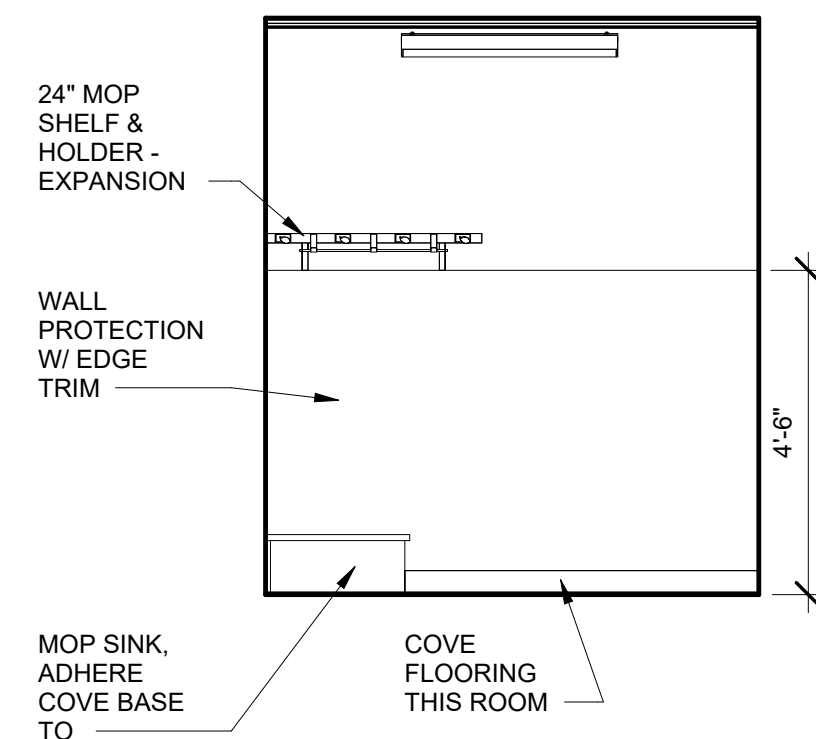
12 2ND FLR. UTILITY - EAST
3/8" = 1'-0"



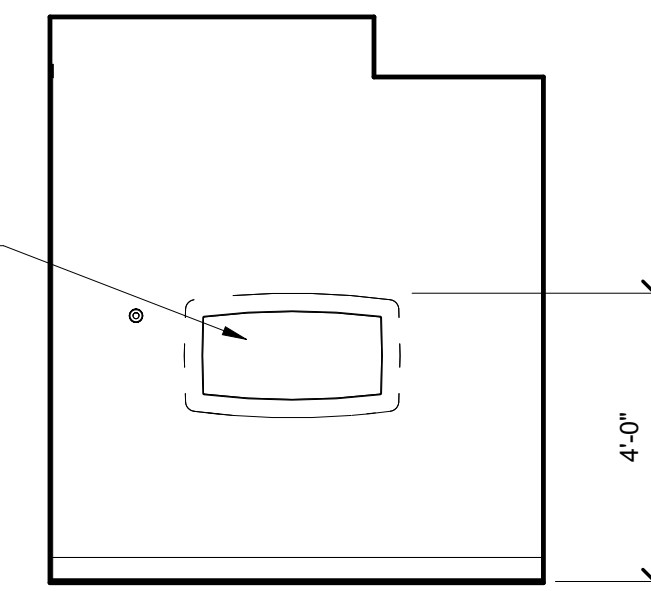
11 UTILITIES - EAST
3/8" = 1'-0"



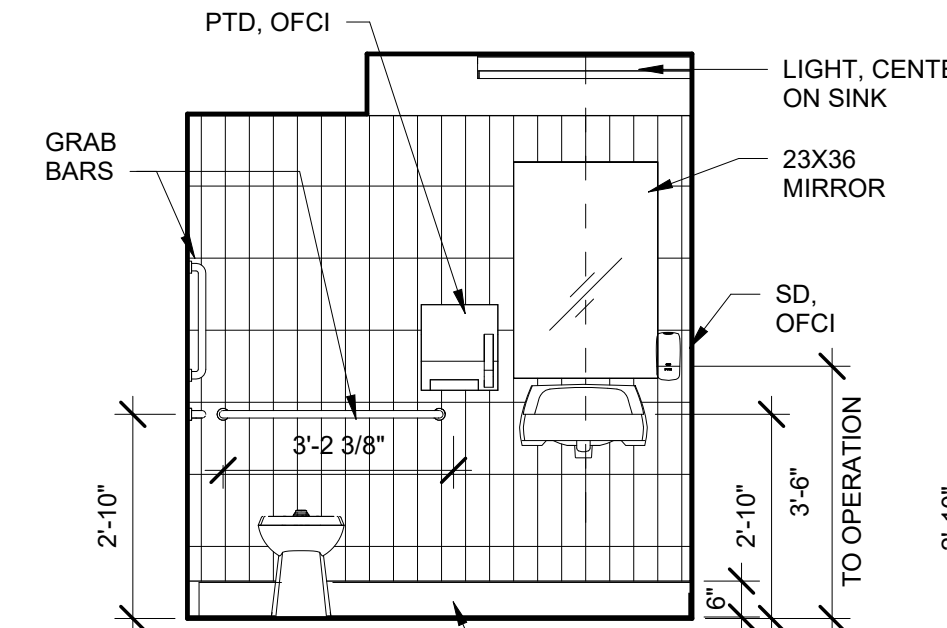
10 CLOS.-N.
3/8" = 1'-0"



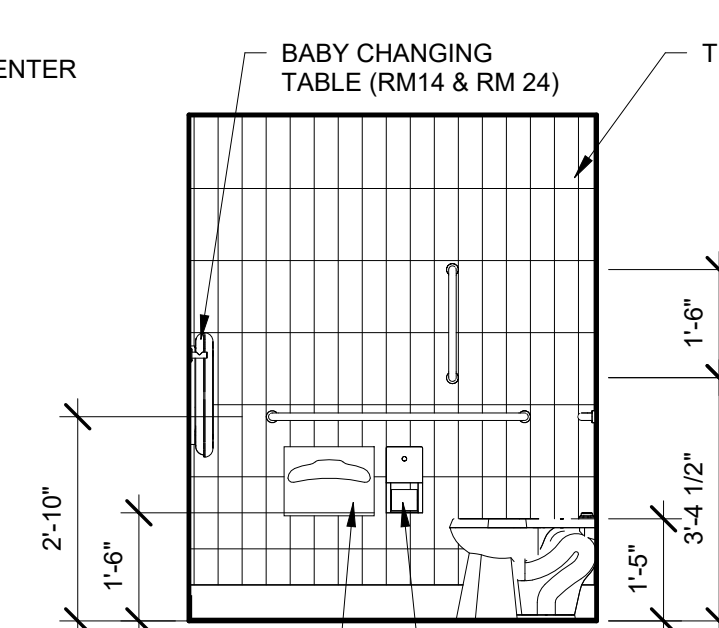
9 CLOSET - EAST
3/8" = 1'-0"



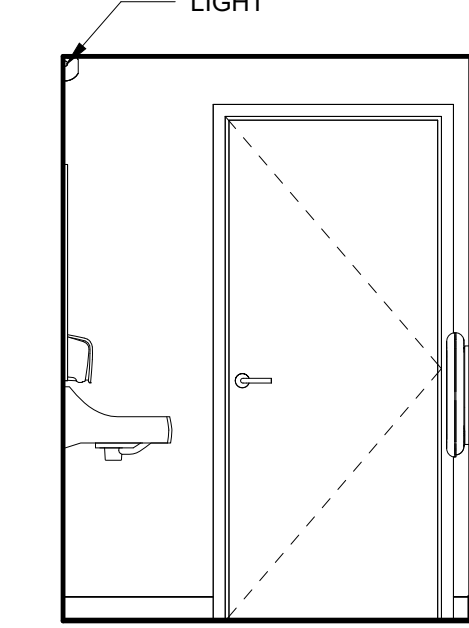
8 WC TYPICAL (S. @ RM 14)
3/8" = 1'-0"



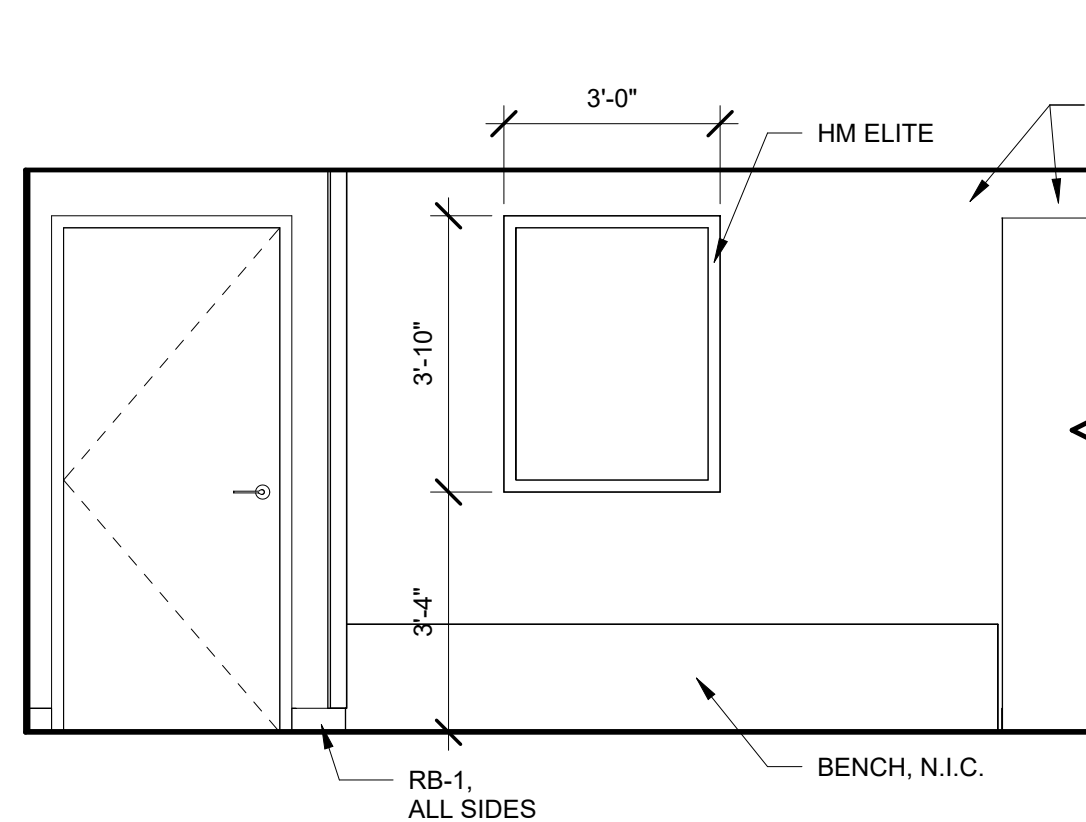
7 WC TYPICAL (N. @ RM 14)
3/8" = 1'-0"



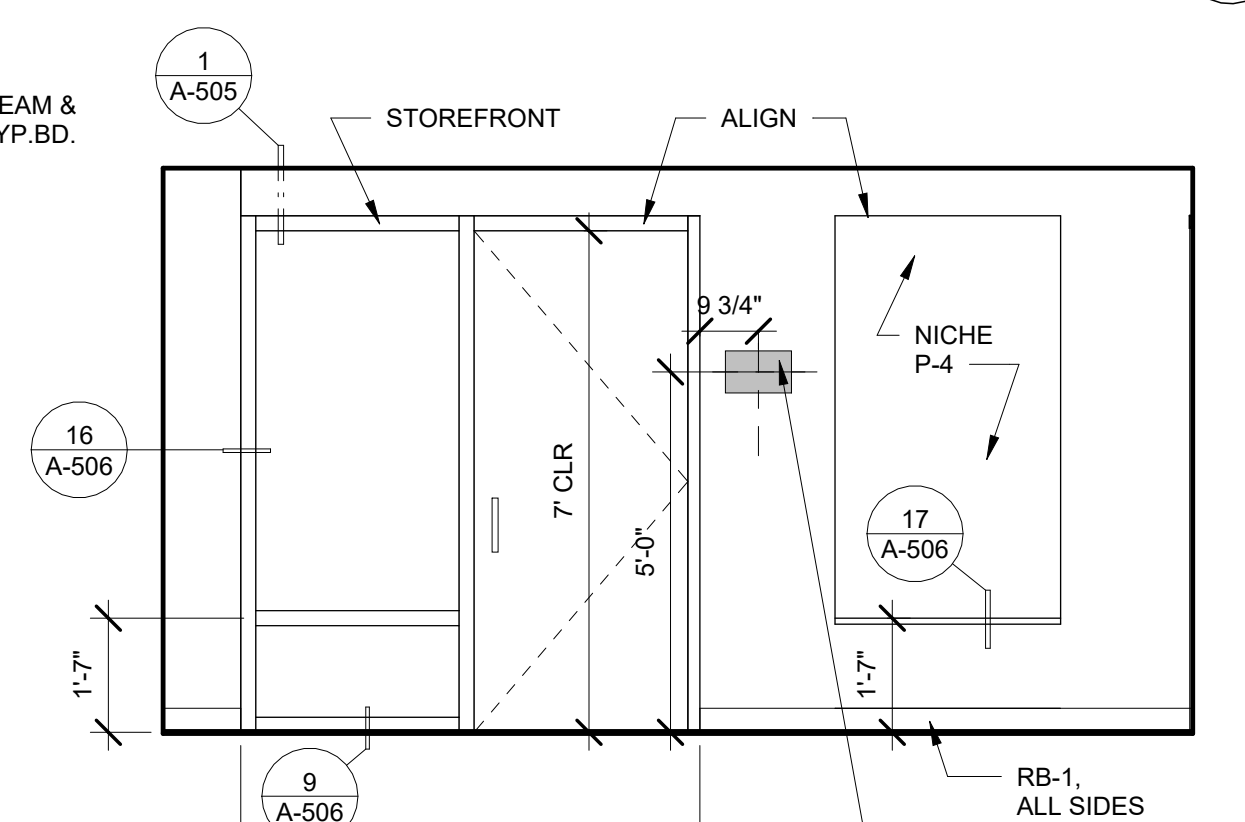
6 WC TYPICAL (W. @ RM 14)
3/8" = 1'-0"



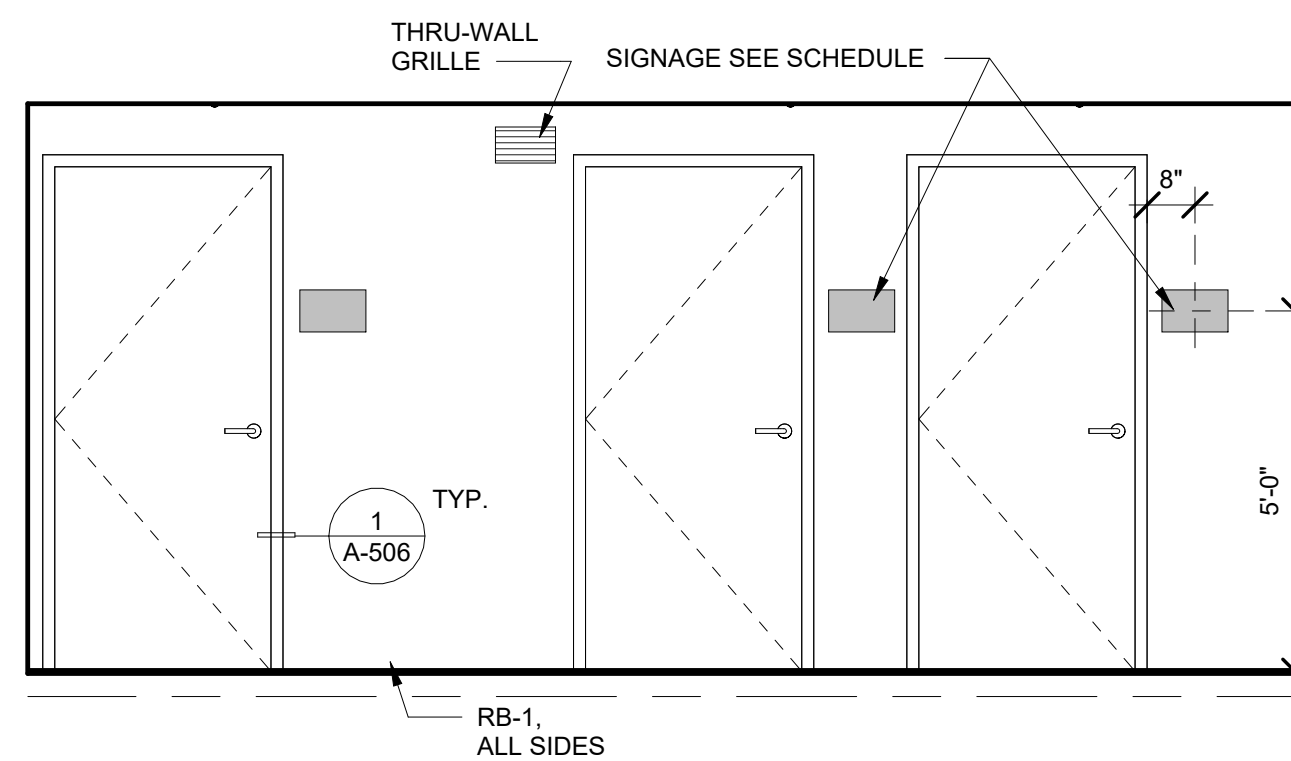
5 TYPICAL (E. @ RM 14)
3/8" = 1'-0"



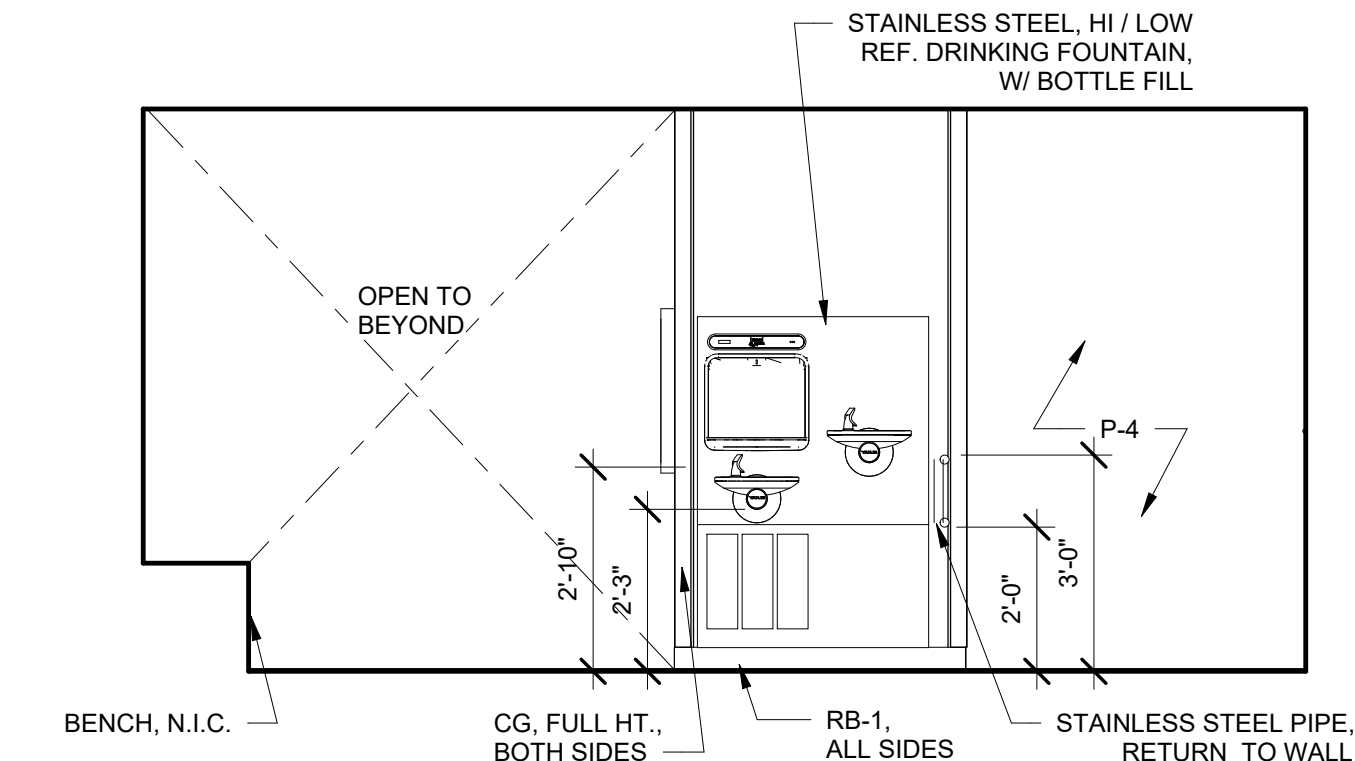
4 CIRCULATION - EAST
3/8" = 1'-0"



3 CIRCULATION 2 - NORTH
3/8" = 1'-0"



2 CIRCULATION 2 - WEST
3/8" = 1'-0"



1 CIRCULATION 2 - SOUTH
3/8" = 1'-0"

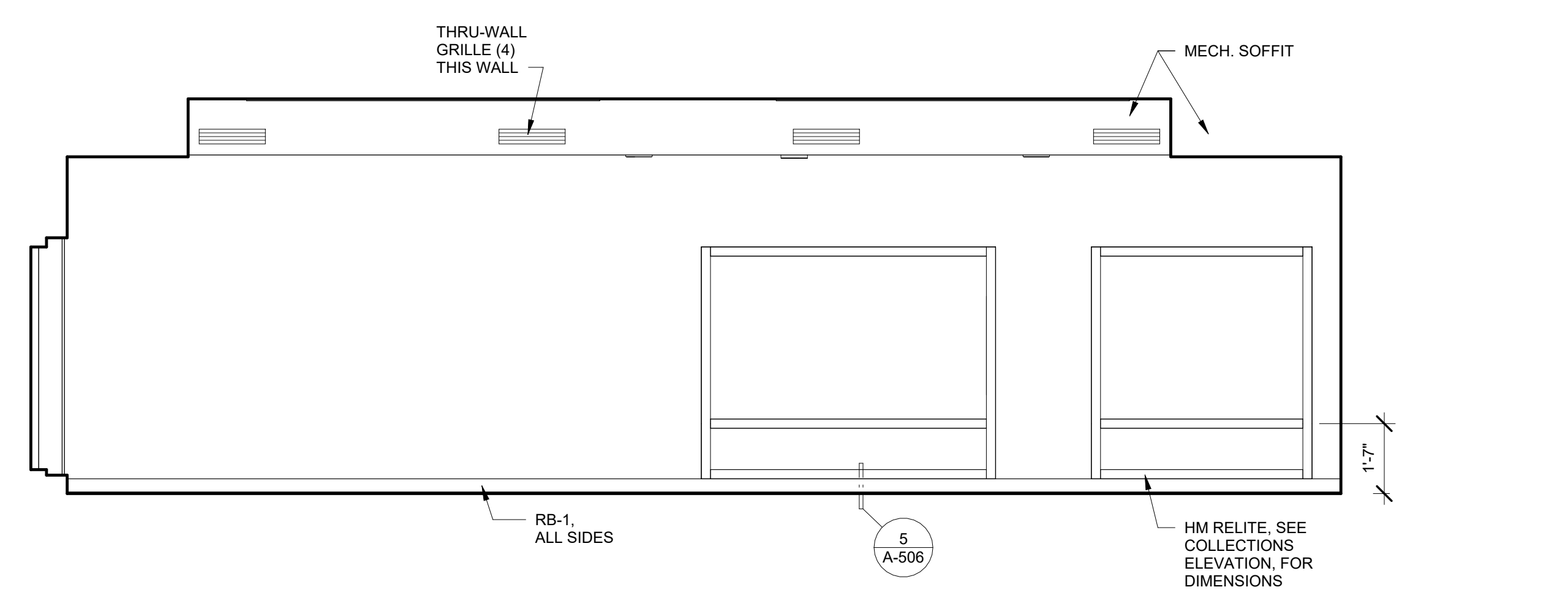
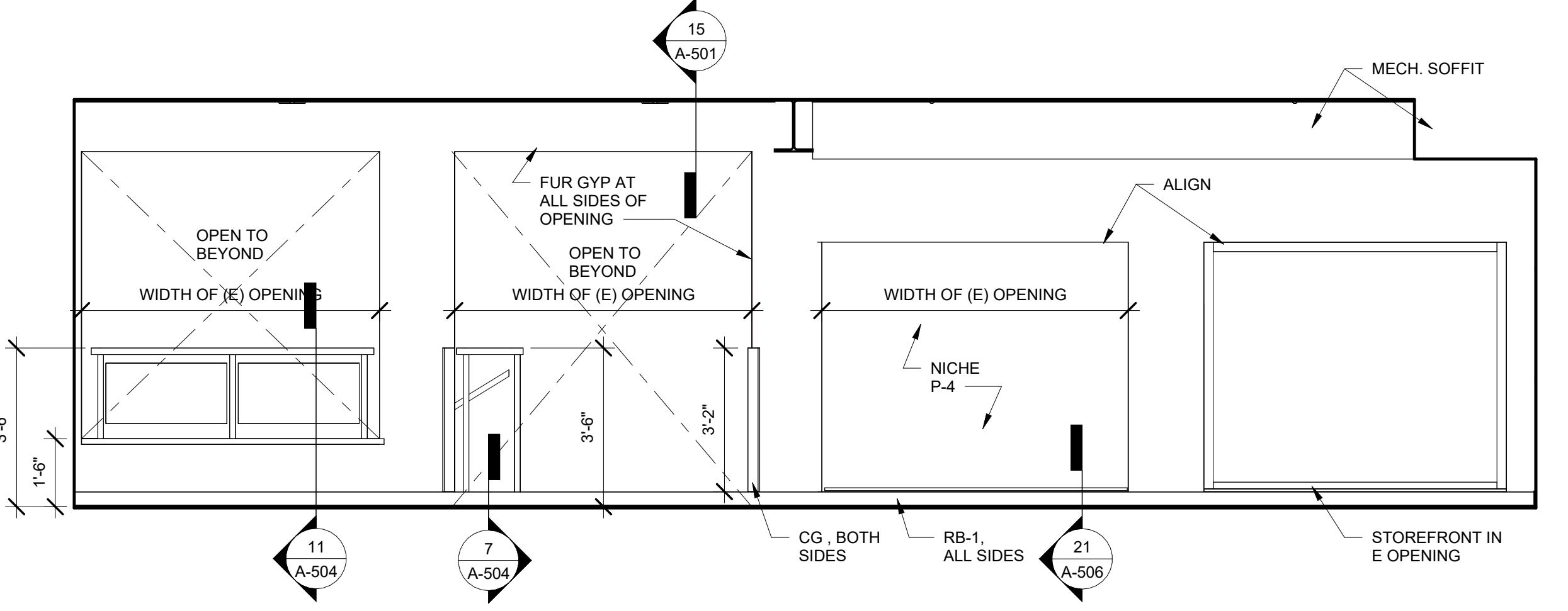
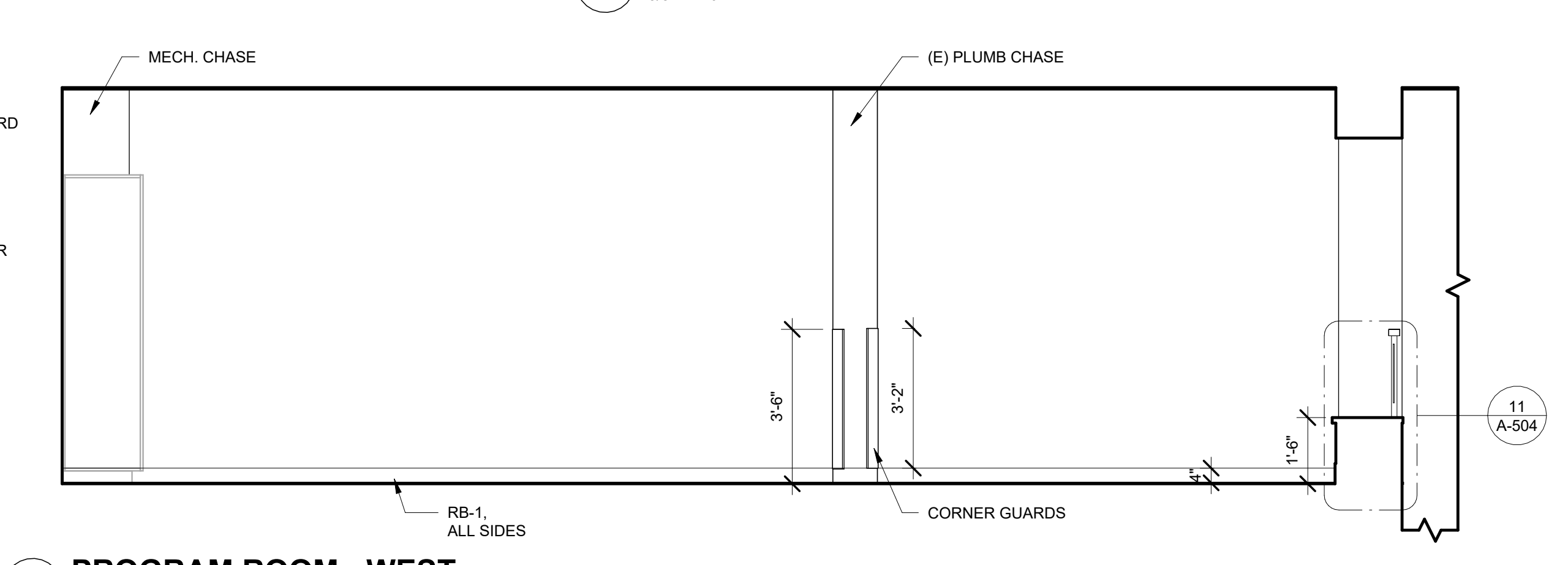
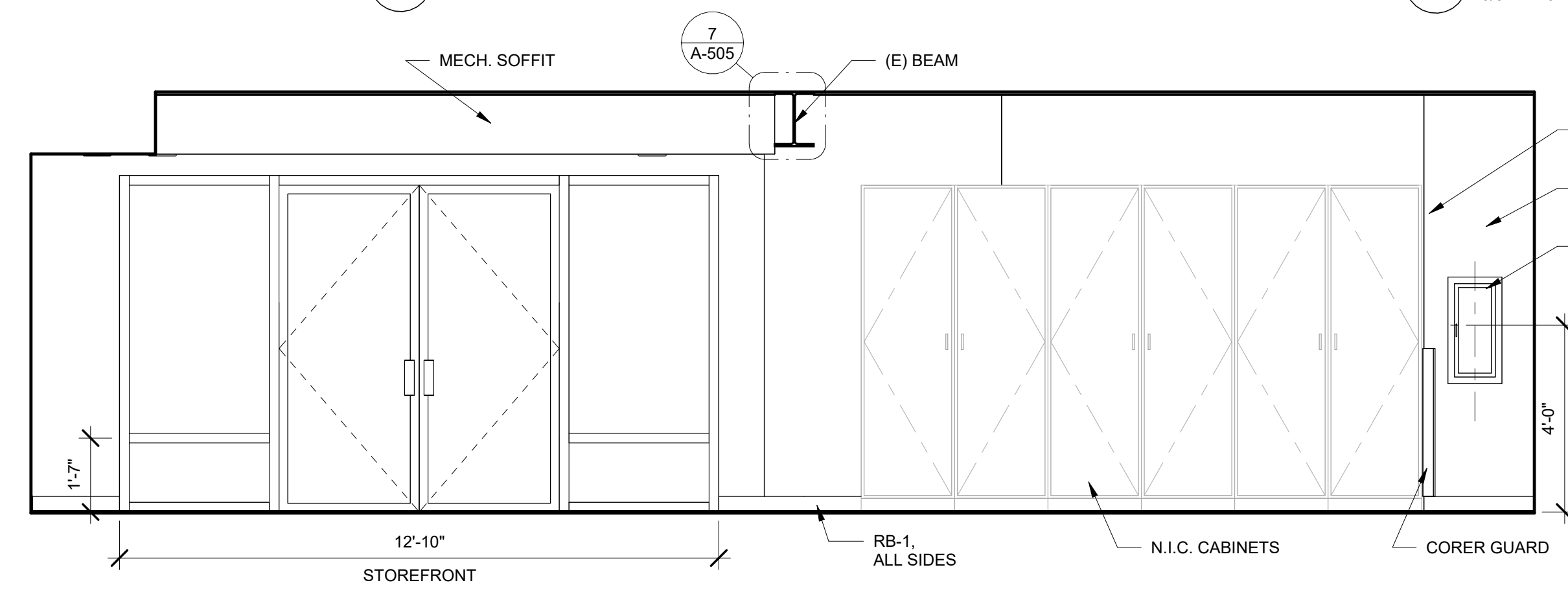
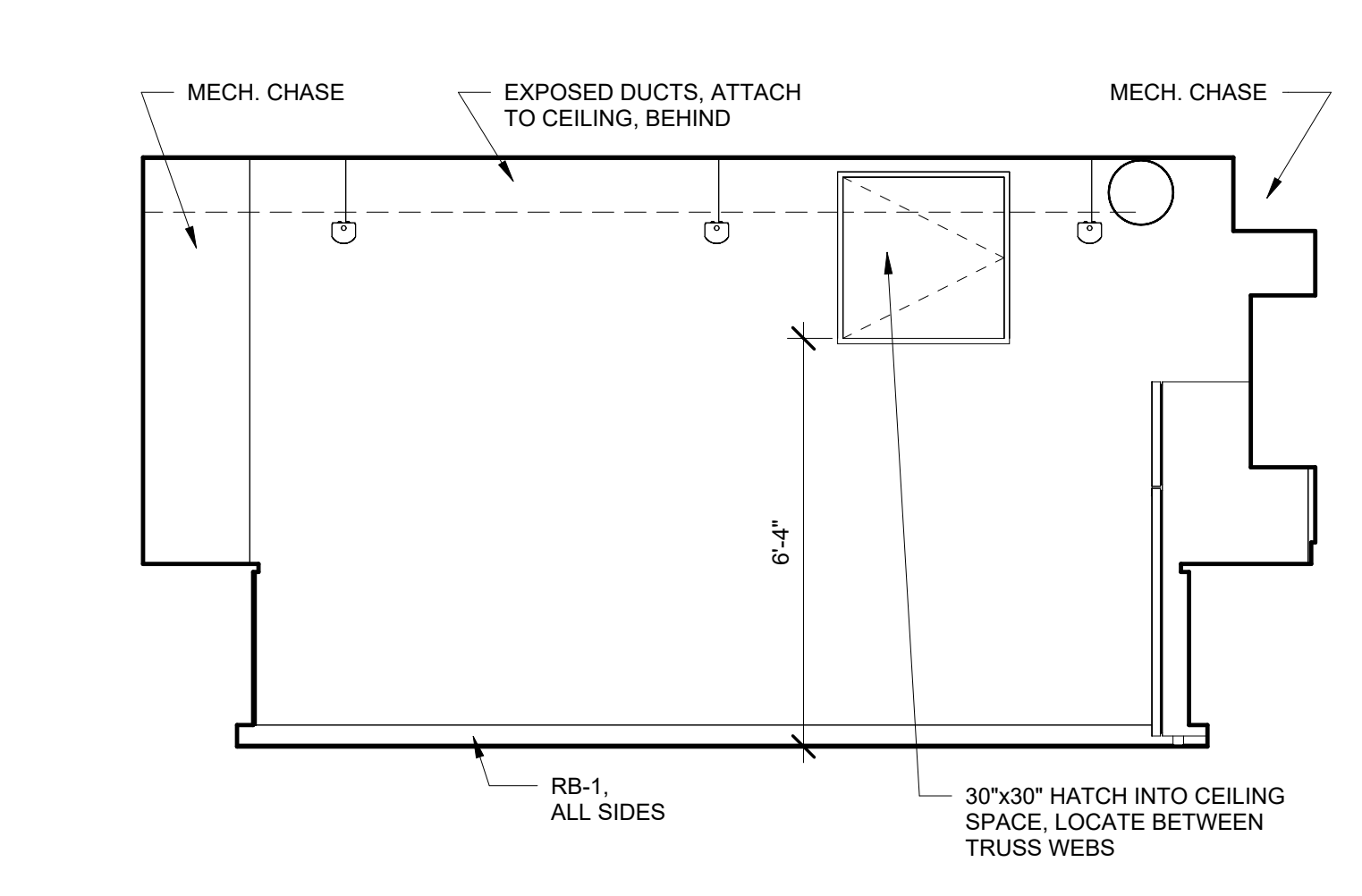
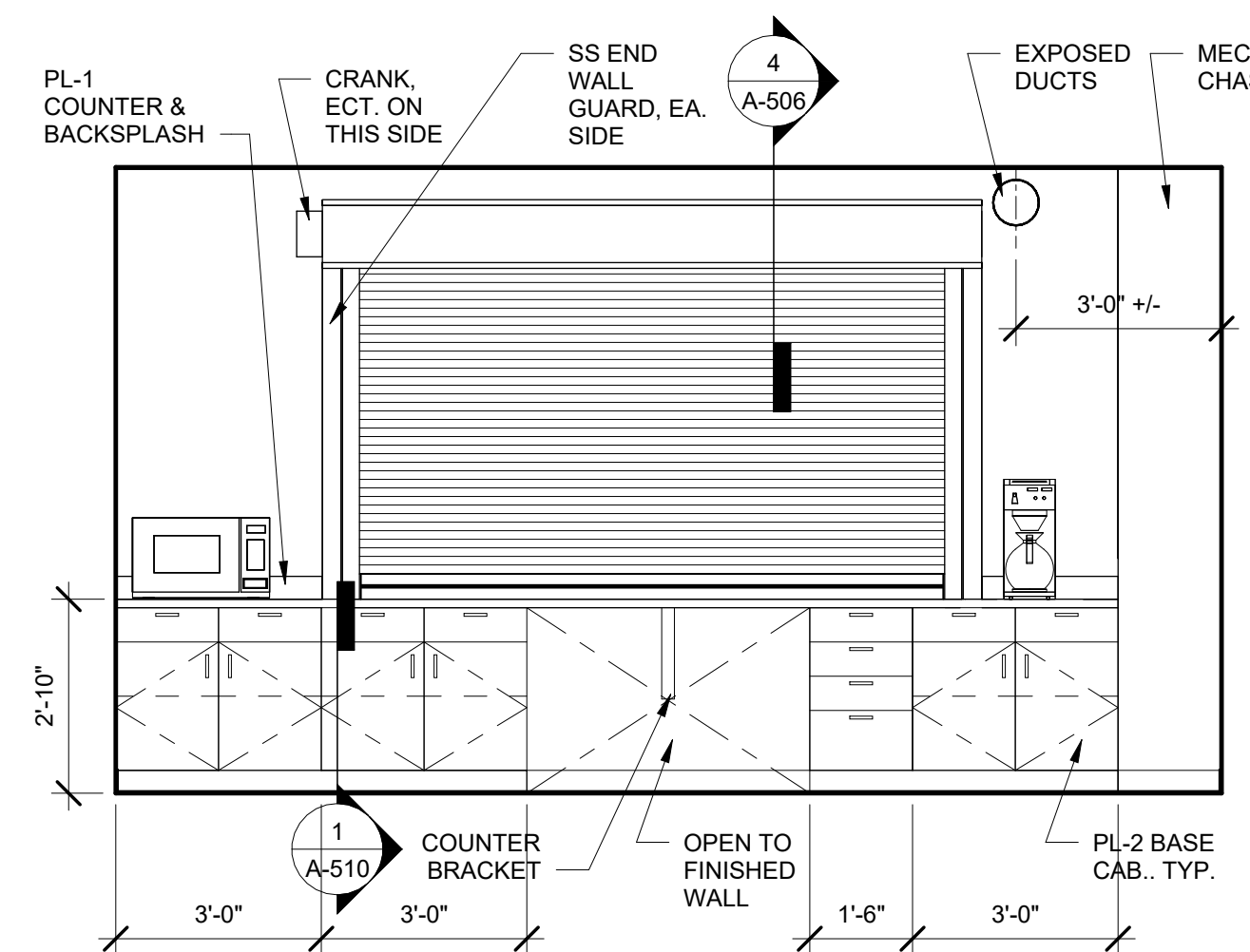
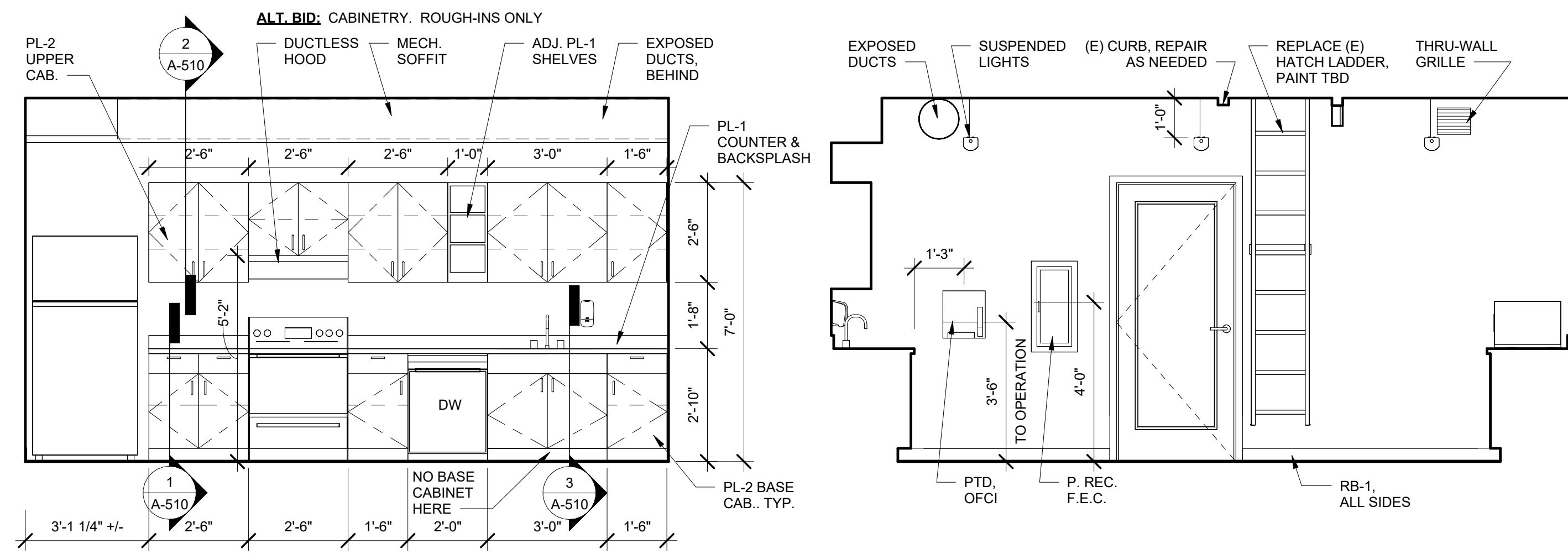
CONSTRUCTION

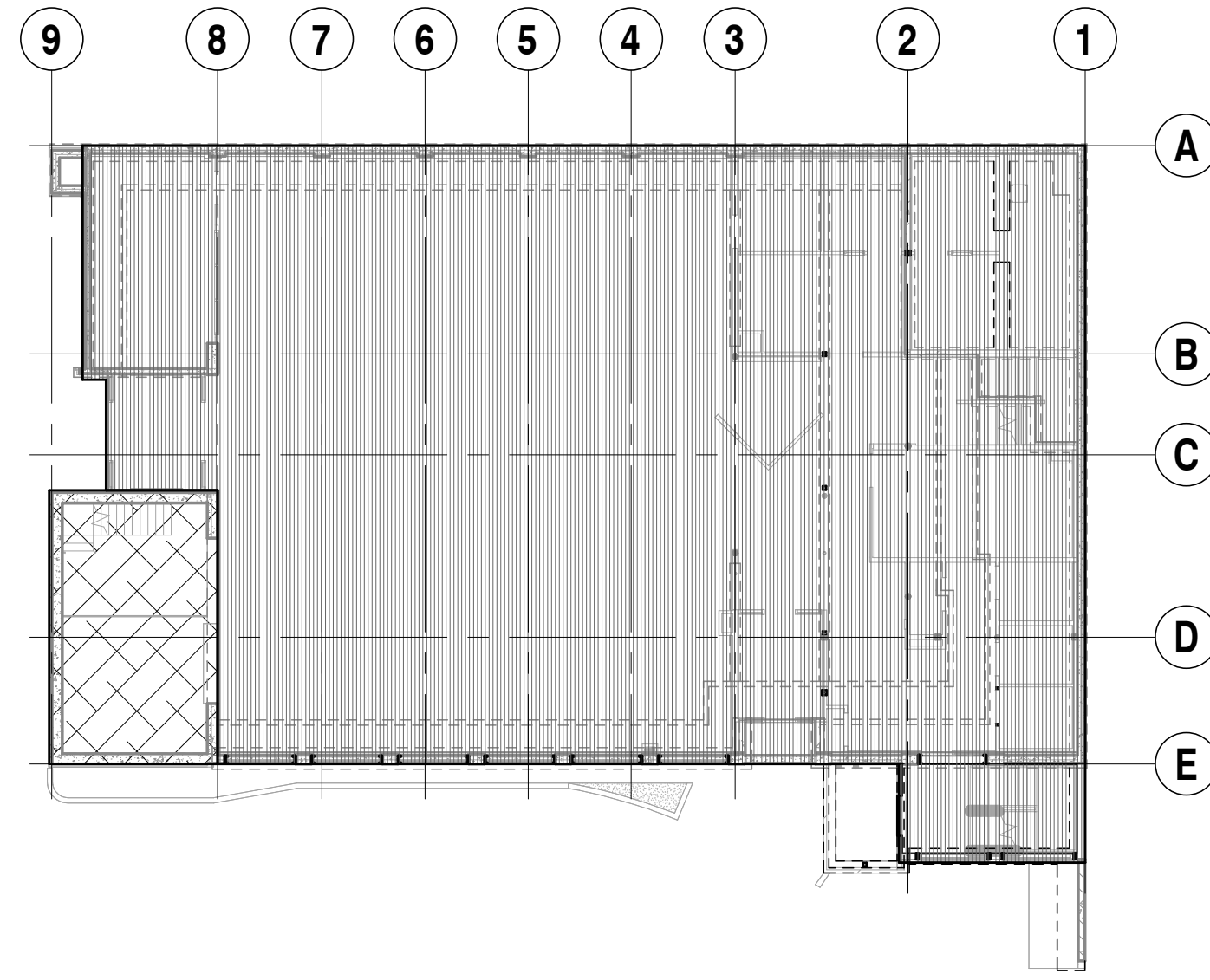
REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023

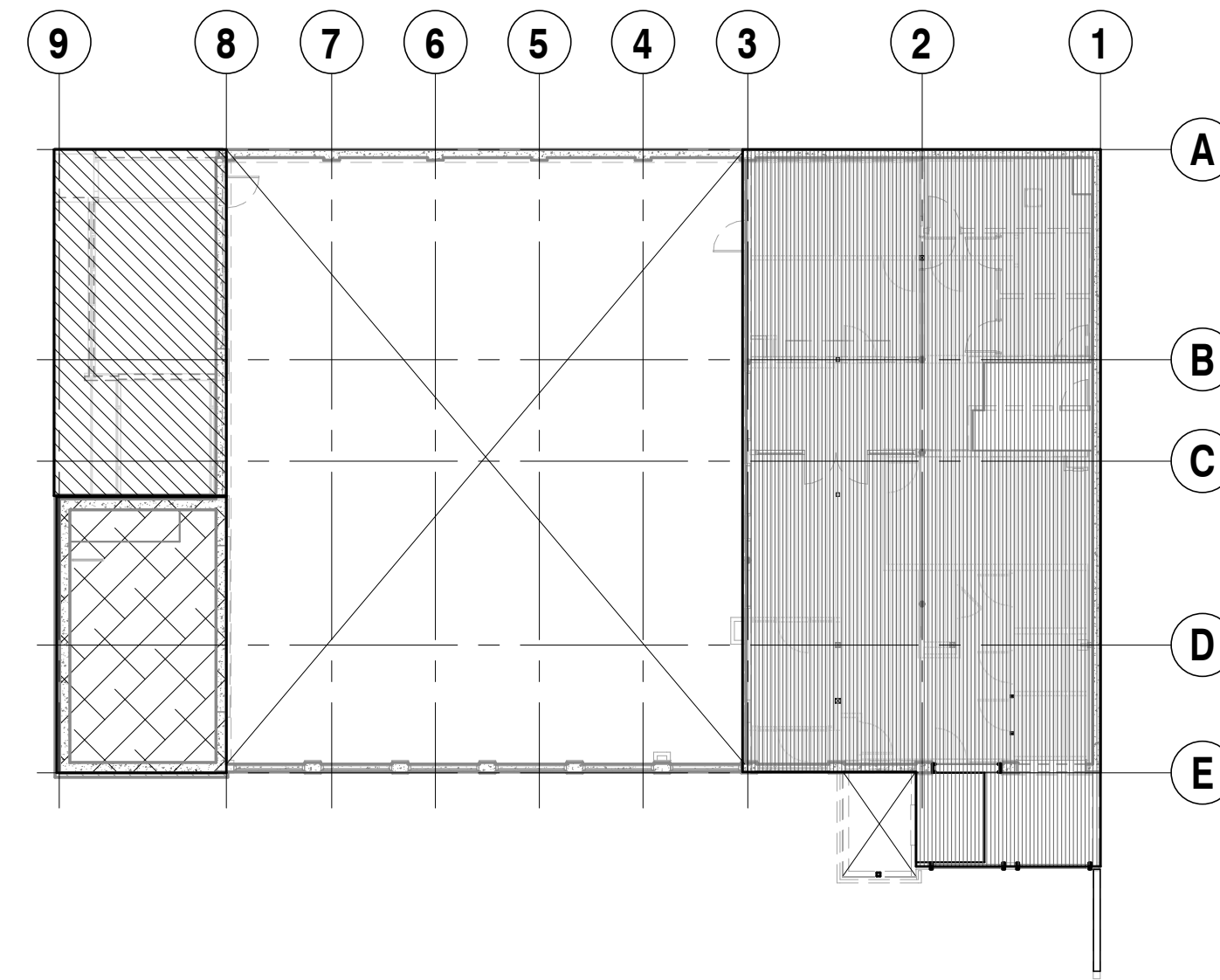
SHEET TITLE:
**INTERIOR
ELEVATIONS**

A-604



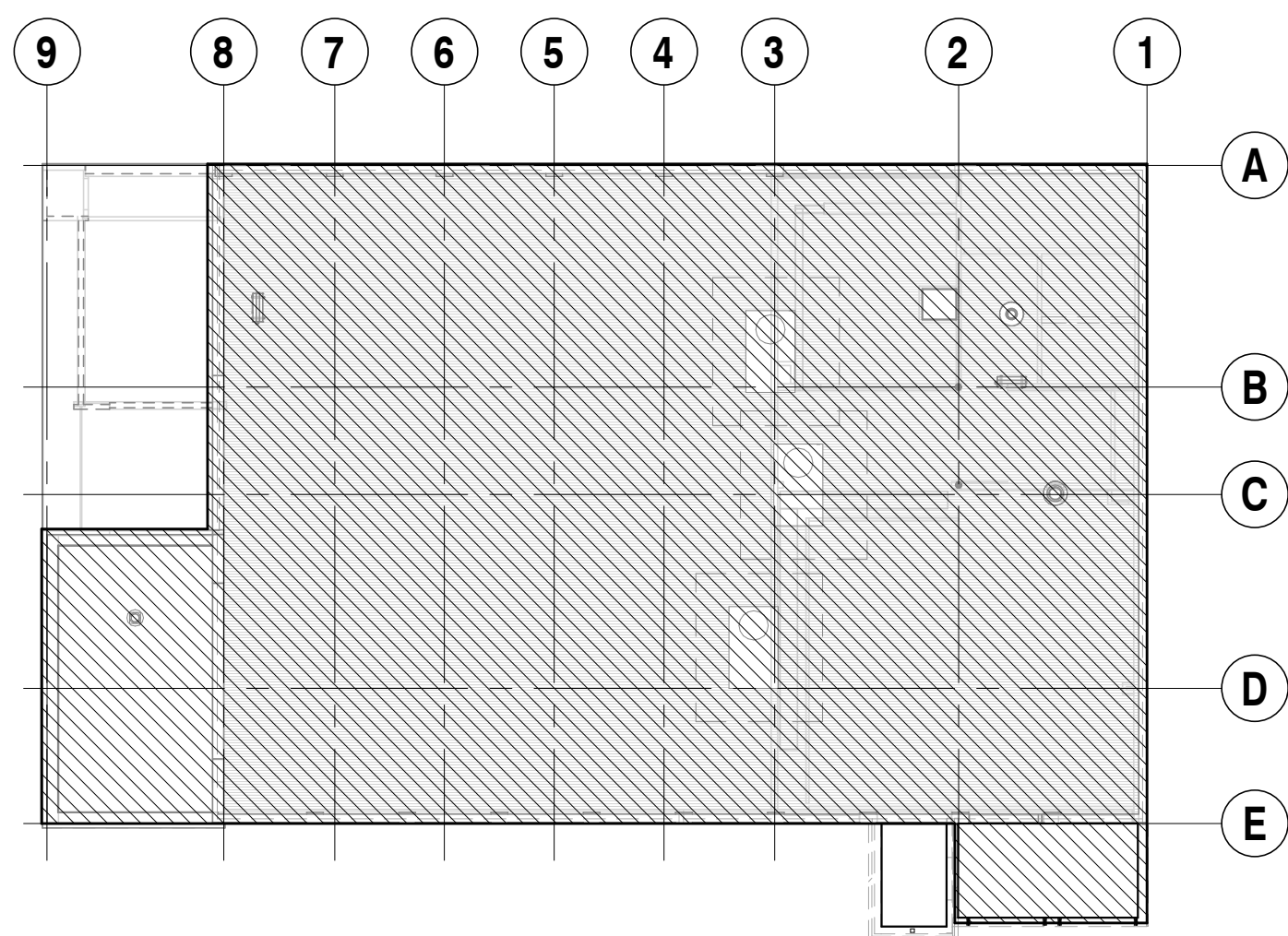


1 LEVEL 1 LIVE LOAD
SCALE: 1/16" = 1'-0"

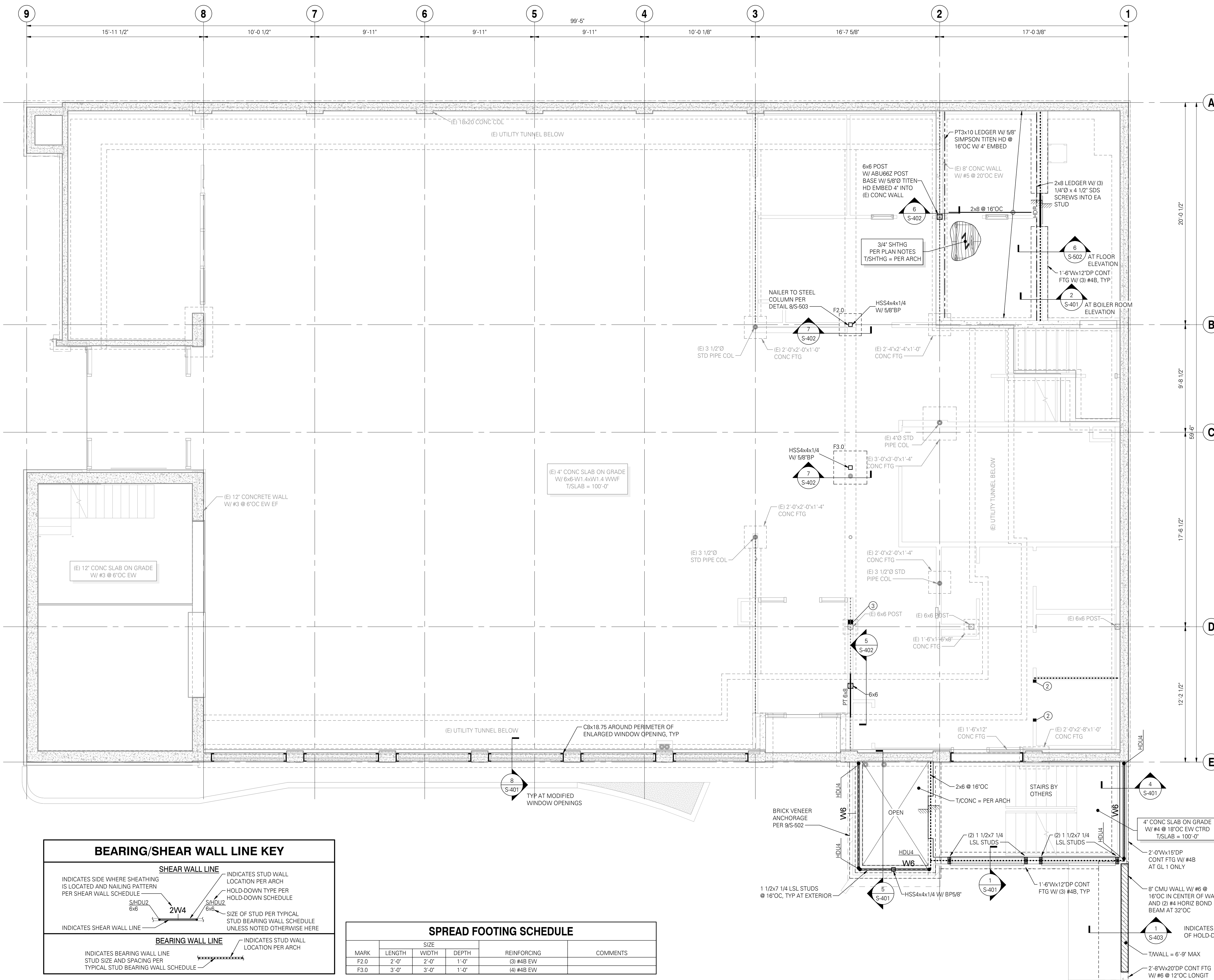


2 MEZZANINE LEVEL LIVE LOAD
SCALE: 1/16" = 1'-0"

01601 LOAD MAP LEGEND		
DESIGN LOAD LEGEND		
MARK / PATTERN	AREA	LIVE LOAD
A	STACK ROOM	150 PSF
B	READING ROOM	60 PSF
C	ROOF	25 PSF

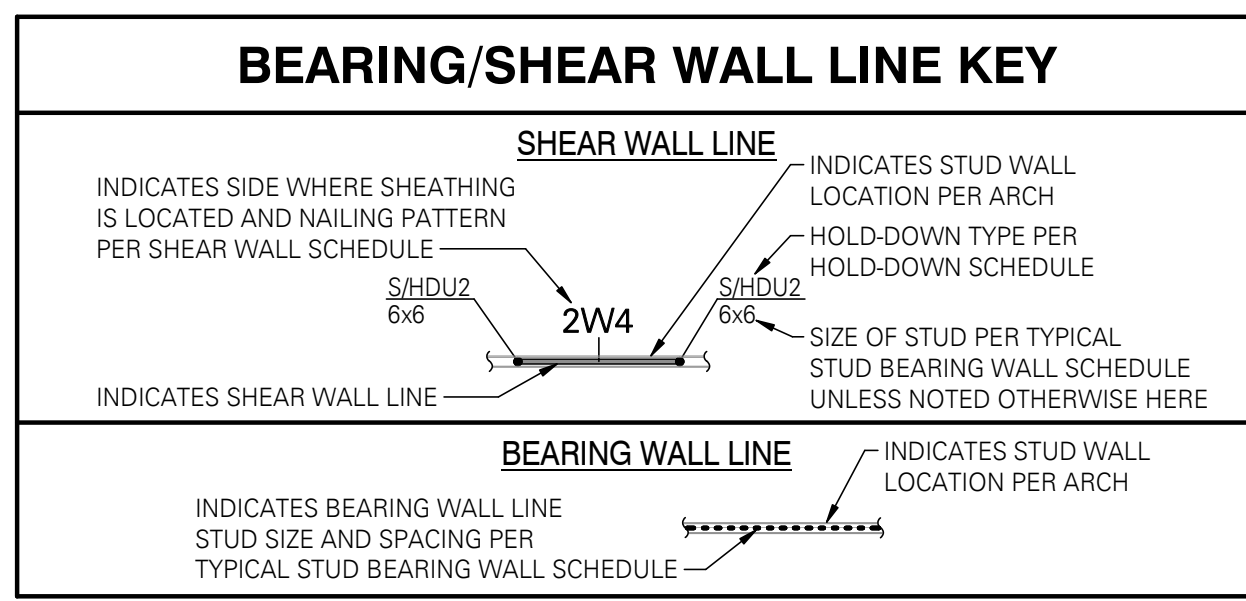


3 ROOF LEVEL LIVE LOAD
SCALE: 1/16" = 1'-0"



- FOUNDATION PLAN NOTES:**
- STRUCTURAL GENERAL NOTES, DESIGN CRITERIA, ABBREVIATIONS AND LEGEND PER S-101 - S-104.
 - VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
 - CONTRACTOR SHALL LOCATE AND VERIFY THE FOLLOWING WITH OTHERS PRIOR TO POURING CONCRETE: ALL DOOR OPENINGS IN FOUNDATION WALLS, DRAINS AND SLOPES, BLOCKOUTS FOR PLUMBING, SPRINKLERS AND HVAC, ALL DUCTS, CHASES AND PIPES PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
 - TOP OF SLAB (T/SLAB) ELEVATION ASSUMED 100'-0". FOR ACTUAL T/SLAB ELEVATION REFER TO CIVIL AND ARCHITECTURAL DRAWINGS. PROVIDE 6 MIL VAPOR BARRIER BELOW SLAB AT INTERIOR SPACES. PROVIDE FREE-DRAINING GRANULAR FILL.
 - TYPICAL TOP OF INTERIOR (I/INTERIOR) FOOTING ELEVATION = 100'-0". UNO. TYPICAL TOP OF EXTERIOR (T/EXTERIOR) FOOTING ELEVATIONS = PER ARCH.
 - ALL FOOTINGS AND SLABS TO BEAR ON COMPETENT NATIVE SOIL AND/OR STRUCTURAL FILL. SUBGRADE PREPARATION, STRUCTURAL FILL, DRAINAGE SYSTEM, AND OTHER REQUIREMENTS PER CHAPTER 18 OF TC OSSC.
 - CJ INDICATES CONTROL JOINT PER 1/S-402.
 - MOISTURE PROOF ALL CONCRETE STEM AND PER ARCHITECT. CONTRACTOR TO VERIFY ADDITIONAL LOCATIONS WHICH REQUIRE WATERPROOFING PER ARCHITECTURAL DRAWINGS.
 - STEEL STAIRS SHALL BE BIDDER-DESIGNED, UNO. APPLICABLE DESIGN REQUIREMENTS PER STRUCTURAL GENERAL NOTES.
 - TYPICAL DETAILS PER:
 - 12/S-401 TYPICAL LAP SPLICE SCHEDULE
 - 9/S-401 STANDARD HOOKS AND BAR BENDS
 - 4/S-402 TYPICAL BASEPLATE CONFIGURATIONS
 - S-403 CMU WALL DETAILS

- STUD AND SHEAR WALL PLAN NOTES:**
- LUMBER GRADE PER STRUCTURAL GENERAL NOTES.
 - ALL INTERIOR NON-BEARING, NON-STRUCTURAL WALL STUD REQUIREMENTS PER STRUCTURAL GENERAL NOTES.
 - HEADERS SHOWN ON FRAMING PLAN SHALL BE SUPPORTED BY (1) TRIMMER AND (1) KING STUD MINIMUM, UNO. WHERE MORE THAN (1) TRIMMER IS REQUIRED, THE NUMBER OF TRIMMER STUDS SHALL BE NOTED THUS:
 - (2) TRIMMERS TO BE CONTINUOUS TO THE FOUNDATION. BLOCK SOLID AT FLOOR FRAMING.
 - BEAMS SHOWN ON FRAMING PLAN SHALL BE SUPPORTED BY (2) BUNDLED STUDS MINIMUM, UNO. WHERE MORE THAN (2) BUNDLED STUDS ARE REQUIRED, THE NUMBER OF BUNDLED STUDS SHALL BE NOTED THUS:
 - (3) BUNDLED STUDS TO BE CONTINUOUS TO THE FOUNDATION. BLOCK SOLID AT FLOOR FRAMING.
 - SHEAR WALL AND NAILING REQUIREMENTS PER SHEAR WALL SCHEDULE 5/S-504
 - ALL EXTERIOR WALLS REQUIRING WOOD SHEATHING PER THE ARCHITECT SHALL BE SHEAR WALL TYPE W6 UNO, HD
 - (1) 2/3 INDICATES HOLD-DOWN PER HOLD-DOWN SCHEDULE 4/S-502.
 - TYPICAL HOLD-DOWN ELEVATION PER 2/S-502.
 - ANCHOR BOLTS TO BE 5/8"x7" MINIMUM EMBEDMENT PER 2/S-402. PROVIDE HOT DIPPED GALVANIZED ANCHOR BOLTS AT PRESSURE TREATED SILL PLATES.
 - ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED ONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.
 - TYPICAL DETAILS PER:
 - 1/S-501 TYPICAL TOP PLATE SPLICE DETAIL
 - 2/S-501 TYPICAL STUD WALL OPENING (HEADER) DETAIL
 - 9/S-501 TYPICAL HOLES AND NOTCHES IN WOOD STUDS
 - 10/S-501 TYPICAL HOLES IN DOUBLE TOP PLATE
 - 11 & 12/S-501 NON-STRUCTURAL PARTITION WALL CONNECTION
 - 1/S-502 TYPICAL SHEAR WALL ELEVATION



SPREAD FOOTING SCHEDULE

MARK	SIZE			REINFORCING	COMMENTS
	LENGTH	WIDTH	DEPTH		
F2.0	2'-0"	2'-0"	1'-0"	(3) #4B EW	
F3.0	3'-0"	3'-0"	1'-0"	(4) #4B EW	

HGE ARCHITECTS

333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

DCI ENGINEERS

921 SW Washington Street, Suite 500
Portland, Oregon 97205
www.dciengineers.com
© Copyright 02/2023 DCI Engineers, Inc. All Rights Reserved.

REGISTERED PROFESSIONAL ENGINEER
74858PE
OREGON
MARCH 23, 2011
SHIRLEY CHALUR
EXPIRES: 12-31-23

FOR PERMIT
The Contractor shall not use these drawings for construction until Contractor receives written approval for use in construction by the authority having jurisdiction and DCI Engineers.

DCI PROJECT NO.: 23031-0024

COQUILLE PUBLIC LIBRARY RENOVATION

259 NORTH ADAMS STREET
COQUILLE, OREGON 97423

SCHEMATIC DESIGN

REVISIONS:
DATE DESCRIPTION

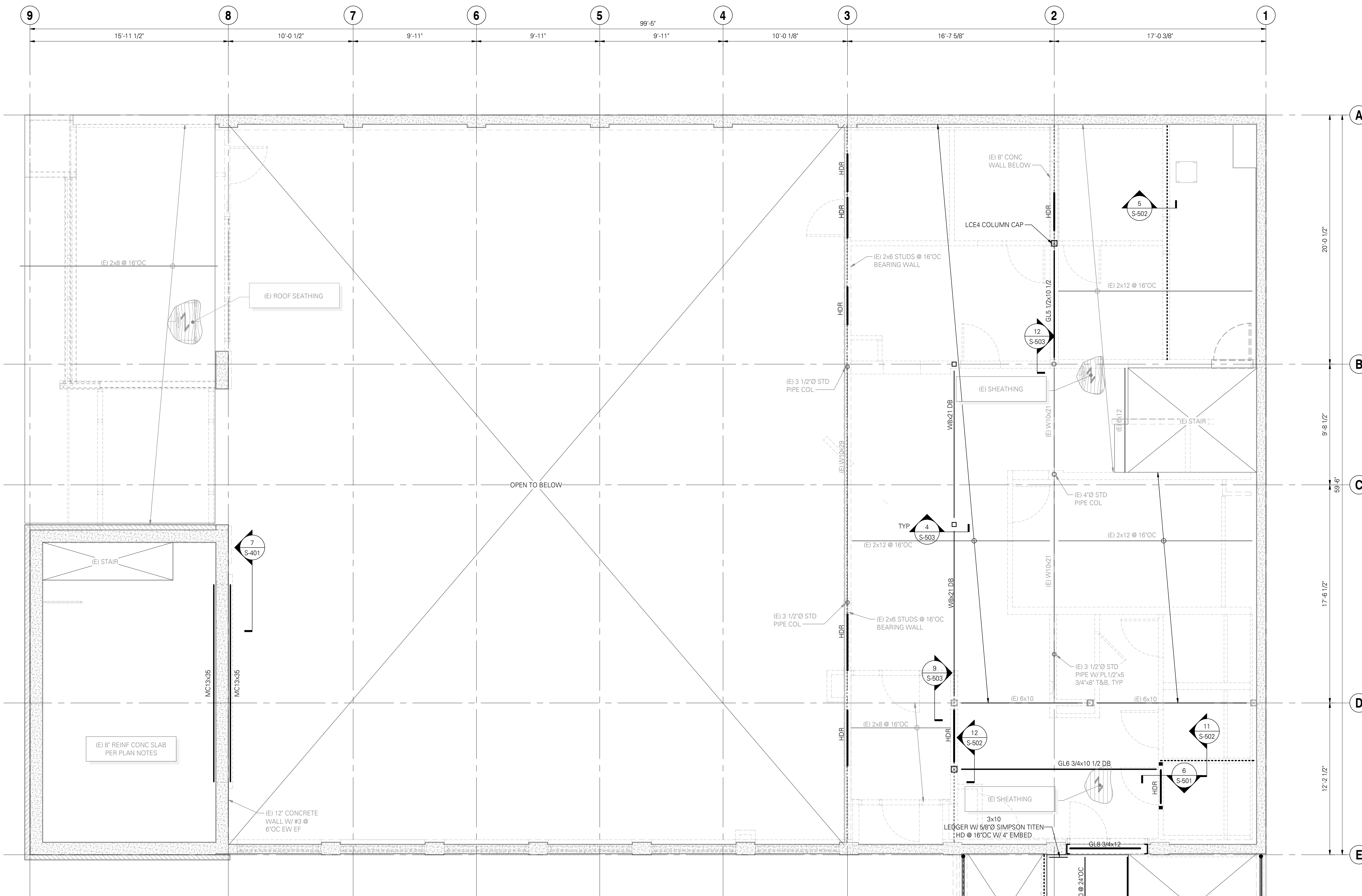
DATE: JULY 2023

SHEET TITLE:
STRUCTURAL - FIRST FLOOR FOUNDATION / STUD & SHEAR WALL PLAN

S-211

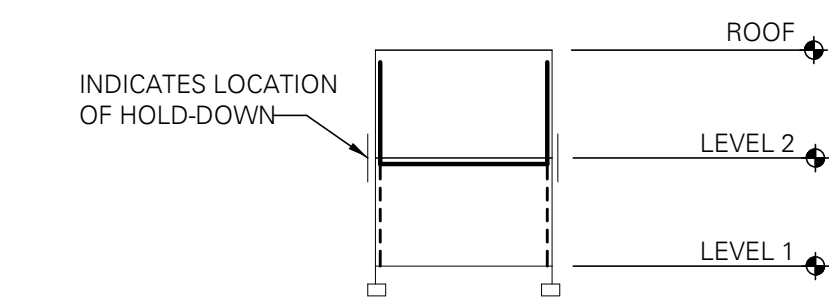
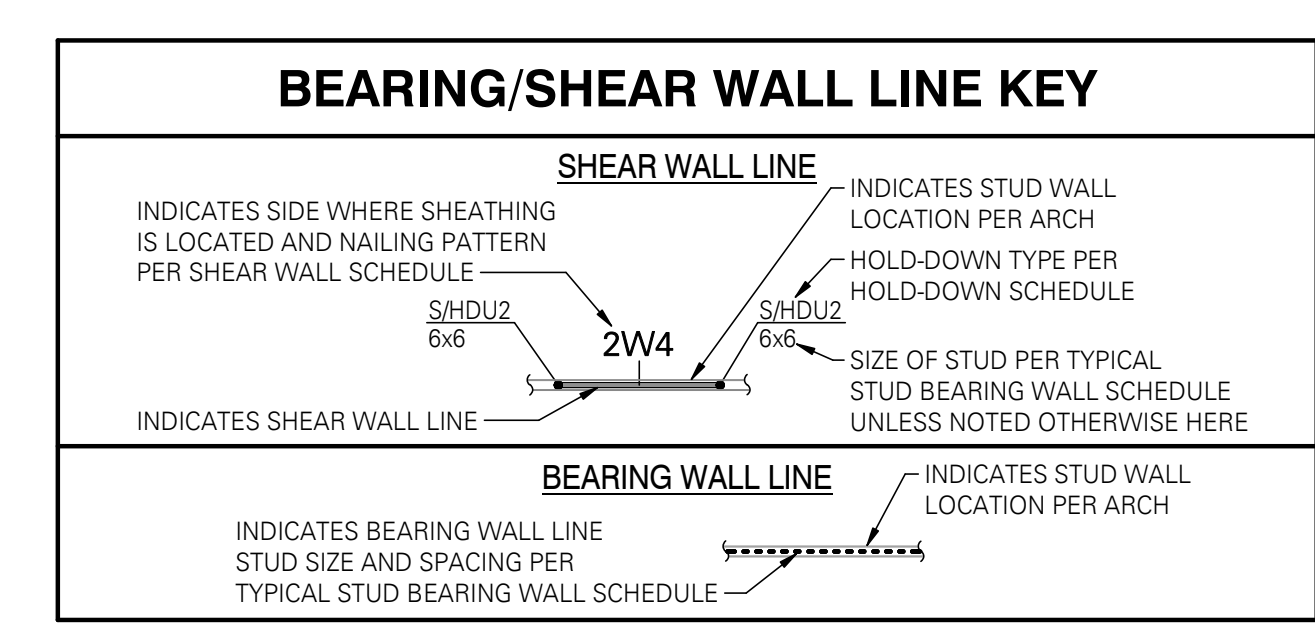
Copyright © 2022
HGE ARCHITECTS, INC.

7/16/2023 10:47:13 AM C:\Users\H20231024\Documents\PROJECT\23031-0024\0807.rvt



FLOOR FRAMING PLAN NOTES:

- STRUCTURAL GENERAL NOTES, DESIGN CRITERIA, ABBREVIATIONS AND LEGEND PER S-101 - S-104.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
- FLOOR SHEATHING PER PLAN AND STRUCTURAL GENERAL NOTES. SHEATHING TO BE GLUED AND NAILED TO FRAMING WITH 0.131" DIAx2 1/2" NAILS @ 6"OC AT SUPPORTED PANEL EDGES AND @ 12"OC FIELD. UNO. LAY SHEATHING WITH FACE GRAIN (LONG DIRECTION) PERPENDICULAR TO SUPPORTS AND STAGGER PANEL END JOINTS. ALLOW 1/8" SPACE BETWEEN PANEL ENDS AND EDGES.
- ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
- ALL WOOD EXPOSED TO CONCRETE, WEATHER, OR WITHIN 8' OF FINISHED GRADE SHALL BE PRESSURE-TREATED.
- ALL 2x HANGERS TO BE FACE MOUNT TYPE LUS, UNO, GLULAM, PARALLAM AND MICROLLAM HANGERS ARE AS SPECIFIED ON PLAN.
- HEADERS SHOWN BUT NOT SPECIFIED ARE TO BE (2) 2x8 MINIMUM. HEADER SUPPORTS PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW.
- BEAMS ARE FLUSH FRAMED WITH JOISTS UNLESS NOTED OTHERWISE ON DETAILS, OR ON PLANS AS 'DB' INDICATING THAT DROPPED BEAM FRAMING IS REQUIRED. BEAM SUPPORTS PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW. PROVIDE A35 CLIP EACH SIDE OF FLUSH BEAMS THAT BEAR ON DOUBLE TOP PLATES.
- BEARING STUD, SHEAR WALL, HOLD-DOWN, POST SIZE, AND POST CAP AND BASE REQUIREMENTS BELOW PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW.
- ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED ONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.
- TYPICAL DETAILS PER:
 - 2/S-501 TYPICAL STUD WALL OPENING (HEADER) DETAIL
 - 1/S-501 TYPICAL TOP PLATE SPLICE DETAIL
 - 4/S-501 TYPICAL NAILING FOR BUNDLED STUDS
 - 3/S-501 TYPICAL BUILT-UP 2x HEADER OR BEAM
 - 2/S-402 TYPICAL SILL PLATE ANCHORAGE TO CONCRETE
 - 9/S-501 TYPICAL HOLES AND NOTCHES IN WOOD STUDS
 - 12/S-501 NON-STRUCTURAL PARTITION WALL CONNECTION
 - 1/S-502 TYPICAL SHEAR WALL ELEVATION



NOTE:
DARKENED LINES DESIGNATE AREA OF WORK.

SECOND FLOOR FRAMING AND STUD AND SHEAR WALL PLAN

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

HGE ARCHITECTS.

333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
general@hge1.com
www.hge1.com

DCI ENGINEERS
921 SW Washington Street, Suite 500
Portland, Oregon 97205
www.dci-engineers.com
© Copyright 2023 DCI Engineers, Inc. All Rights Reserved.

REGISTERED PROFESSIONAL ENGINEER
74858PE
Shirley Chalup
OREGON
MARCH 23, 2011
SHIRLEY CHALUP
EXPIRES: 12-31-23

DCI PROJECT NO.: 23031-0024

COQUILLE PUBLIC LIBRARY RENOVATION

259 NORTH ADAMS STREET
COQUILLE, OREGON 97423

FOR PERMIT
The Contractor shall not use these drawings for construction until Contractor receives written approval for use in construction by the authority having jurisdiction and DCI Engineers.

SCHEMATIC DESIGN

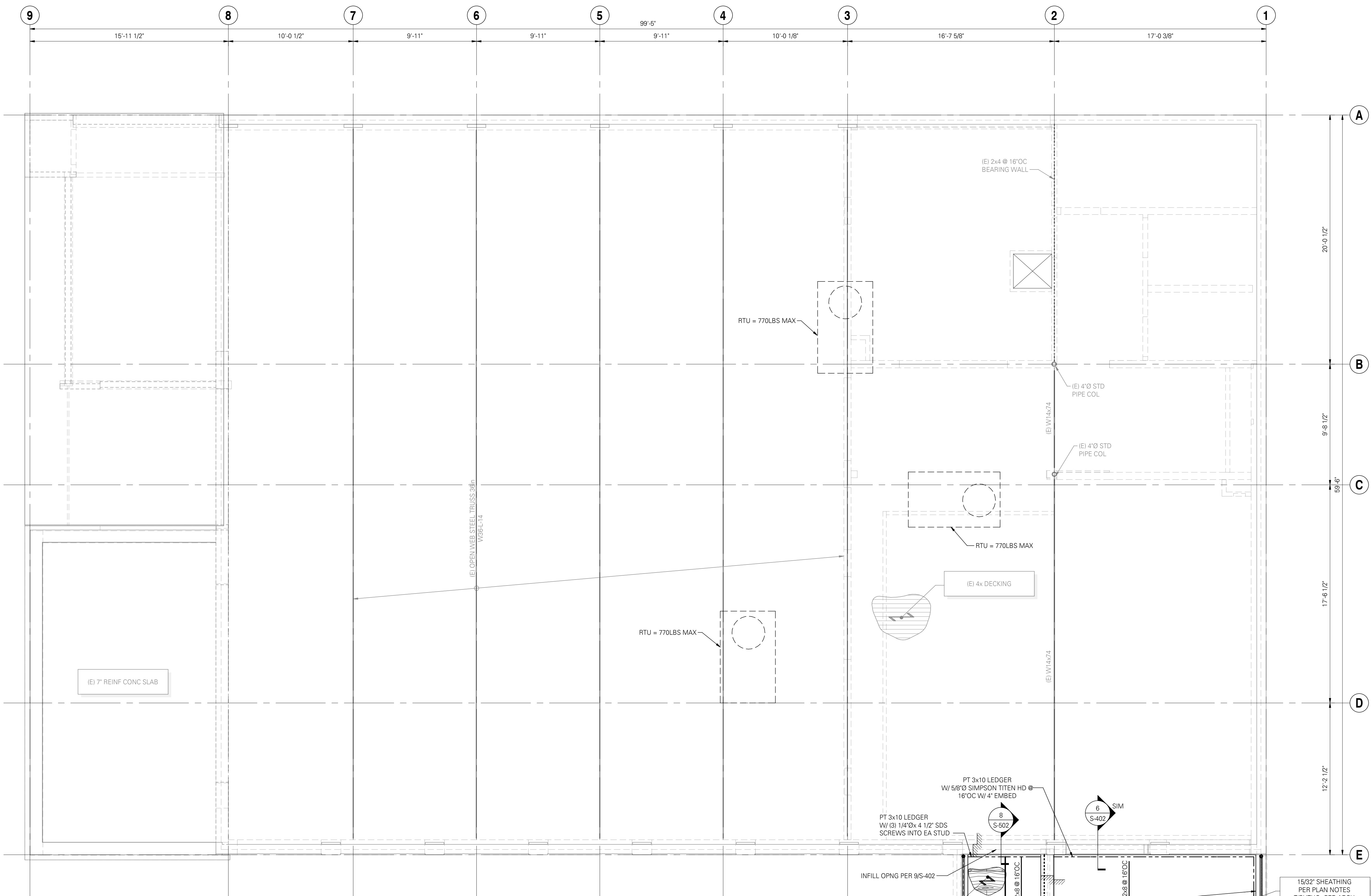
REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023

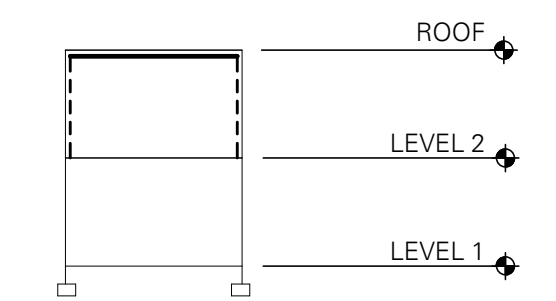
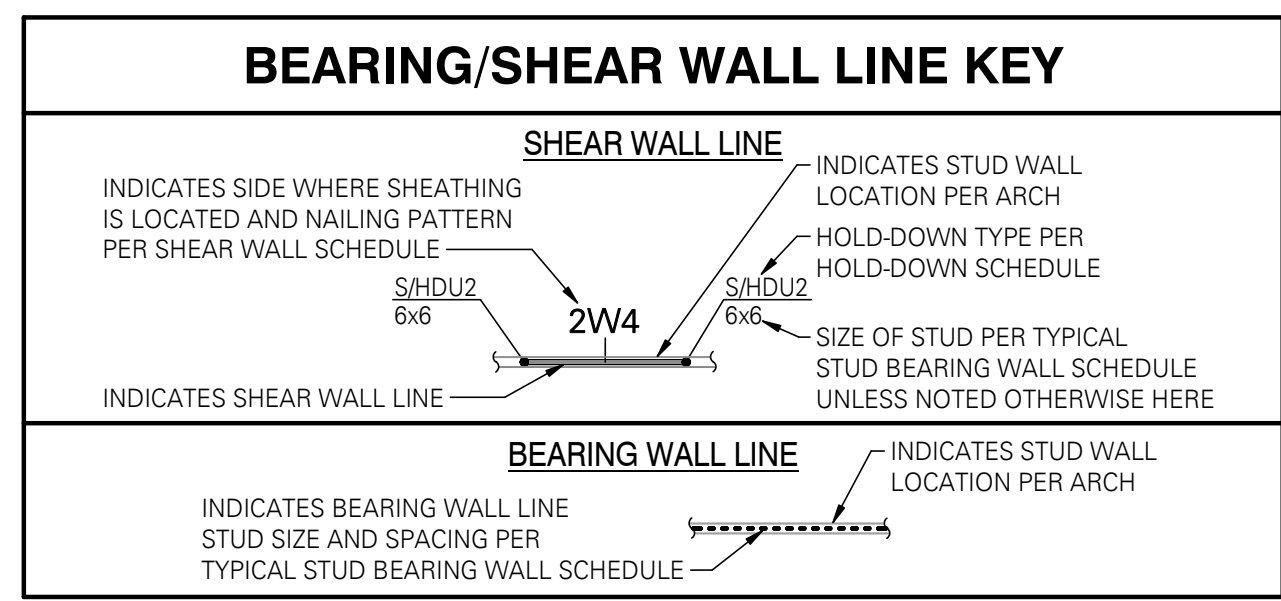
SHEET TITLE:
STRUCTURAL - SECOND FLOOR FRAMING AND STUD AND SHEAR WALL PLAN

S-212

Copyright © 2022
HGE ARCHITECTS, INC.



- ROOF FRAMING PLAN NOTES:**
- STRUCTURAL GENERAL NOTES, DESIGN CRITERIA, ABBREVIATIONS AND LEGEND PER S-101 - S-104.
 - VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS SHALL BE FIELD VERIFIED.
 - ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.
 - ROOF SHEATHING PER PLAN AND STRUCTURAL GENERAL NOTES. SHEATHING TO BE NAILED TO ROOF FRAMING WITH 0.131" DIA x 2 1/2" NAILS @ 6" OC AT SUPPORTED PANEL EDGES AND @ 12" OC FIELD. UNO. LAY SHEATHING WITH FACE GRAIN (LONG DIRECTION) PERPENDICULAR TO SUPPORTS AND STAGGER PANEL END JOINTS. ALLOW 1/8" SPACE BETWEEN PANEL ENDS AND EDGES.
 - ALL 2x HANGERS TO BE FACE MOUNT TYPE LUS, UNO. GLULAM, PARALLAM AND MICROLAM HANGERS ARE AS SPECIFIED ON PLAN.
 - HEADERS SHOWN BUT NOT SPECIFIED ARE TO BE (2) 2x8 MINIMUM. HEADER SUPPORTS PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW.
 - BEAMS ARE FLUSH FRAMED WITH JOISTS UNLESS NOTED OTHERWISE ON DETAILS, OR ON PLANS AS "DB" INDICATING THAT DROPPED BEAM FRAMING IS REQUIRED. BEAM SUPPORTS PER STUD AND SHEAR WALL PLAN ON LEVEL BELOW. PROVIDE A35 CLIP EACH SIDE OF FLUSH BEAMS THAT BEAR ON DOUBLE TOP PLATES.
 - BEARING STUD, SHEAR WALL, HOLD-DOWN, POST SIZE, AND POST CAP AND BASE REQUIREMENTS BELOW PER STUD AND SHEAR WALL PLAN.
 - ELEVATOR STEEL AND CONNECTIONS ARE PROVIDED FOR BUDGET PURPOSES ONLY AND ARE PRELIMINARY. THE PROPOSED STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE CONFIRMED ONCE FINAL ELEVATOR REACTIONS ARE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.

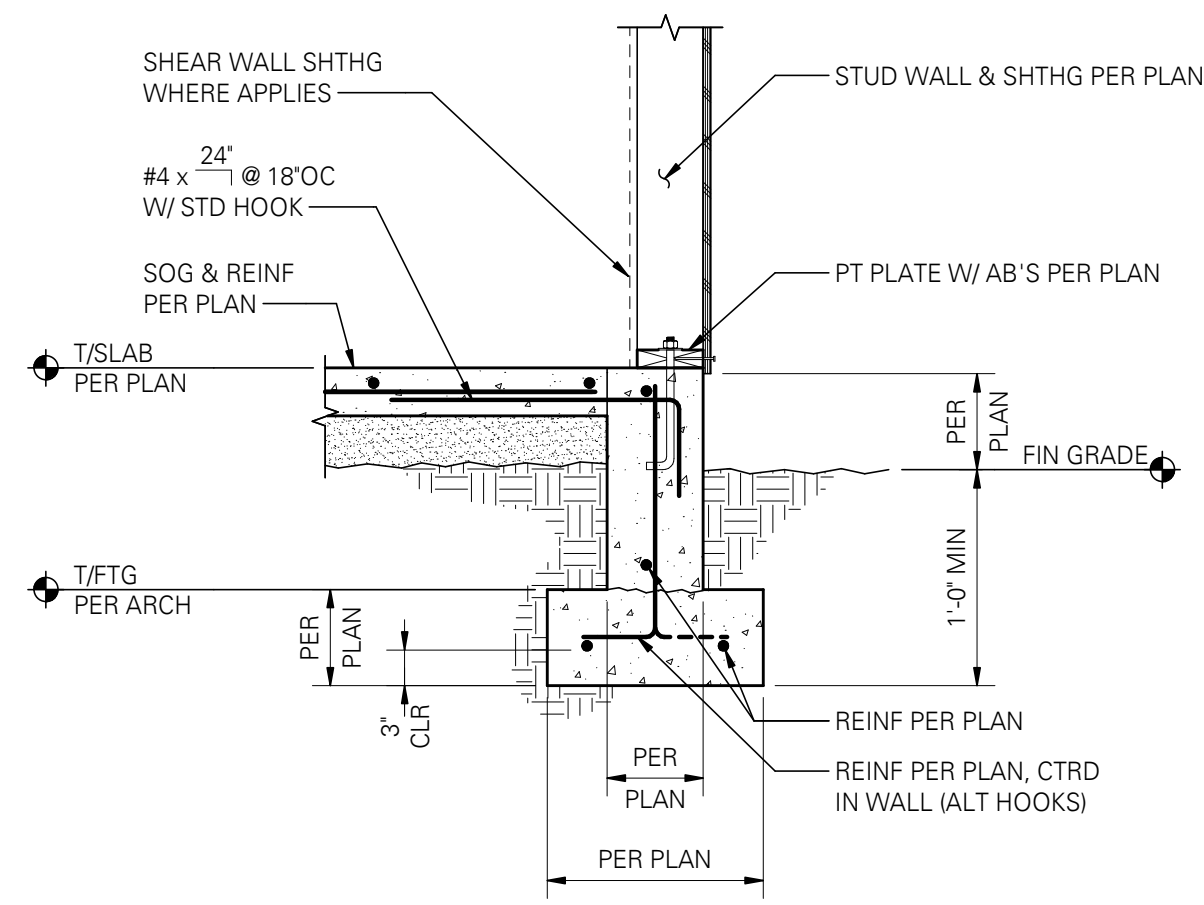


NOTE:
DARKENED LINES DESIGNATE AREA OF WORK.

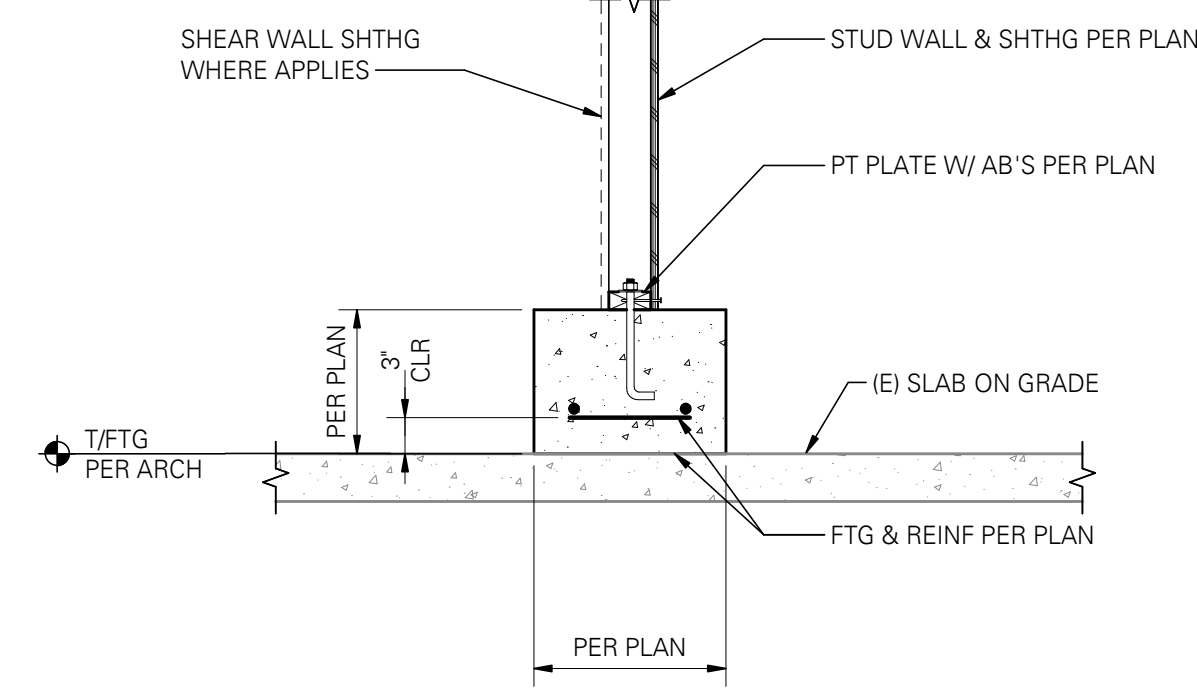
ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

SCHEMATIC DESIGN

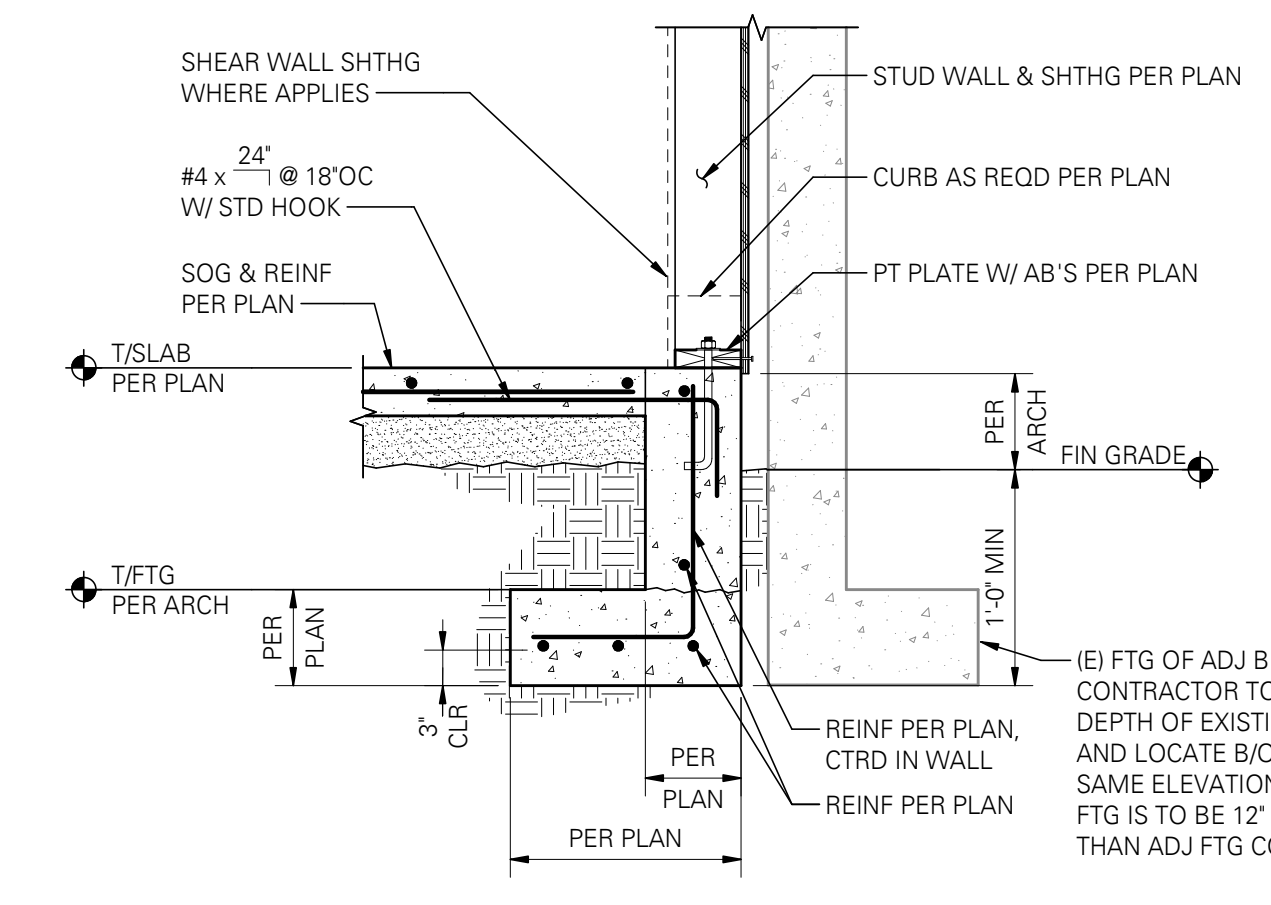
REVISIONS:	#	DATE	DESCRIPTION



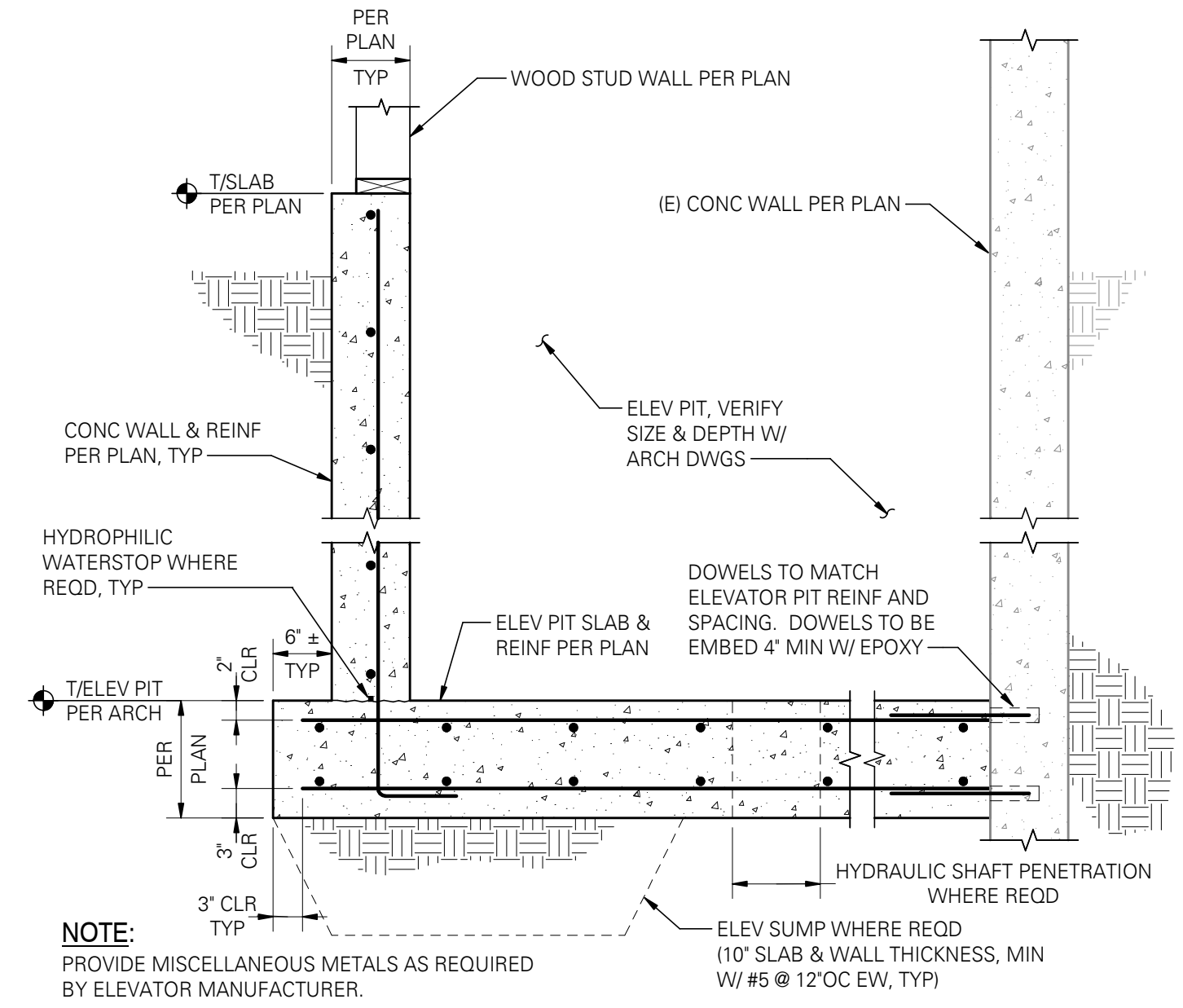
1 EXTERIOR FOOTING AND STEMWALL AT STUD WALL
SCALE: 3/4" = 1'-0" (03031)



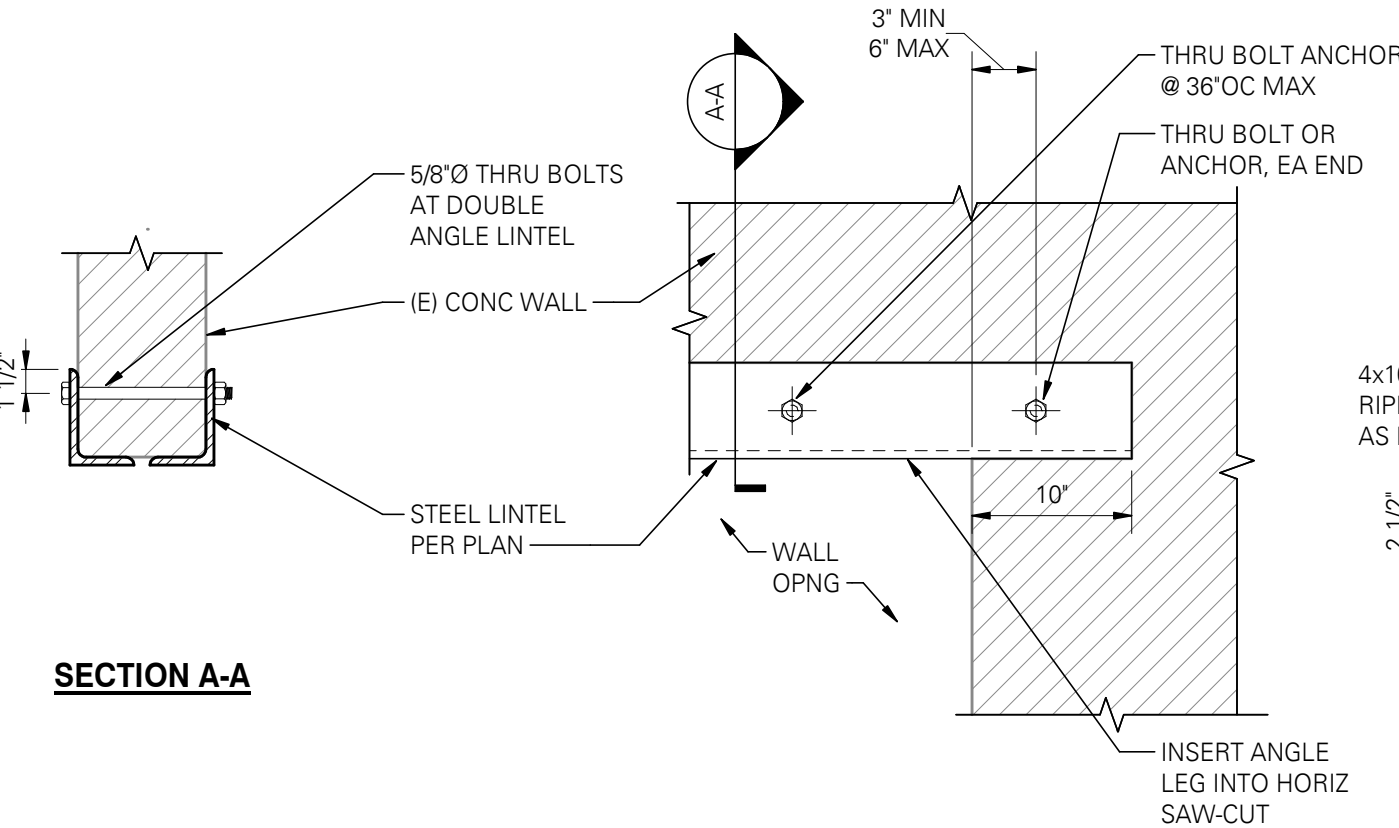
2 INTERIOR FOOTING AT STUD WALL
SCALE: 3/4" = 1'-0" (03022M)



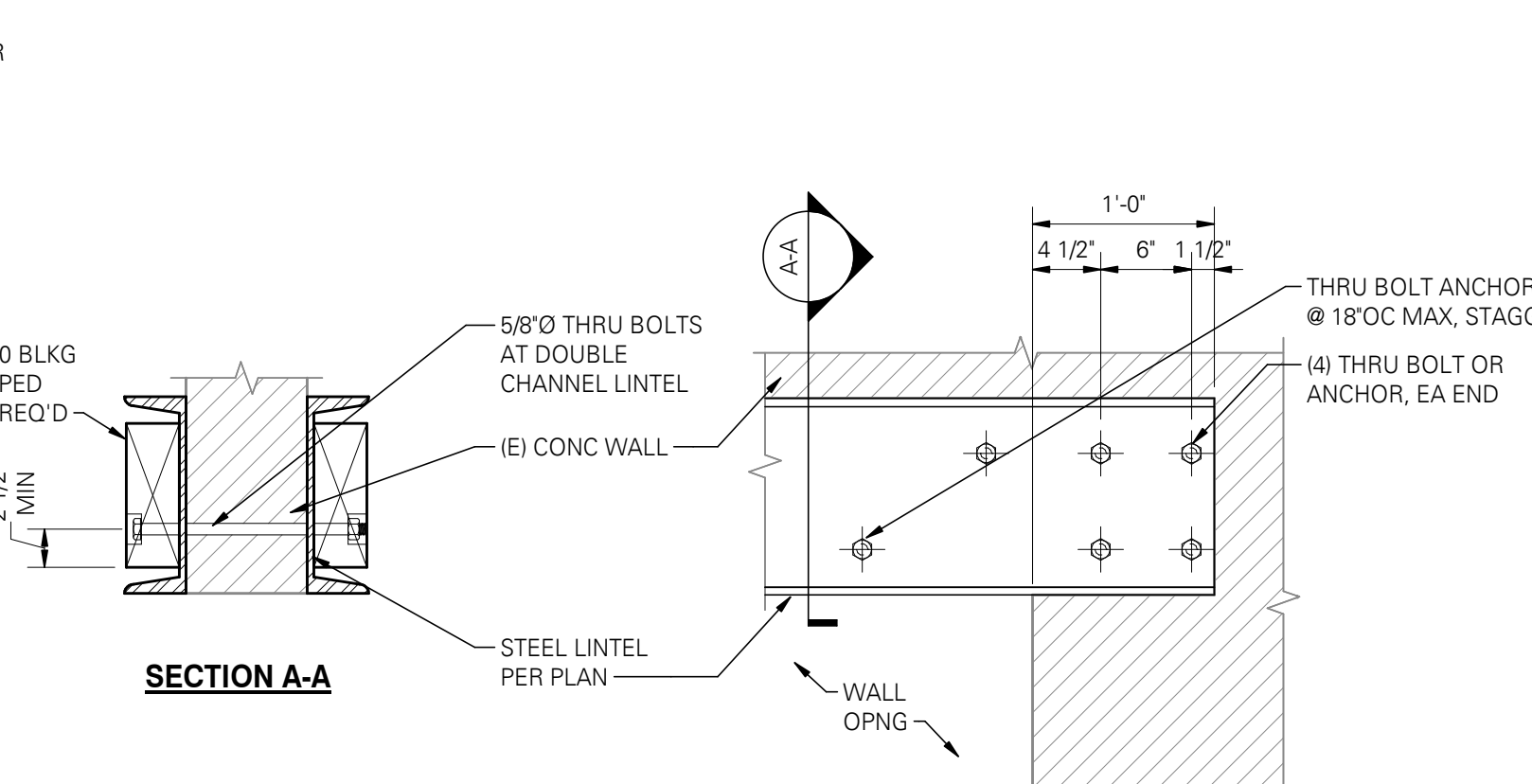
4 EXTERIOR FOOTING AND STEMWALL AT STUD WALL
SCALE: 3/4" = 1'-0" (03031)



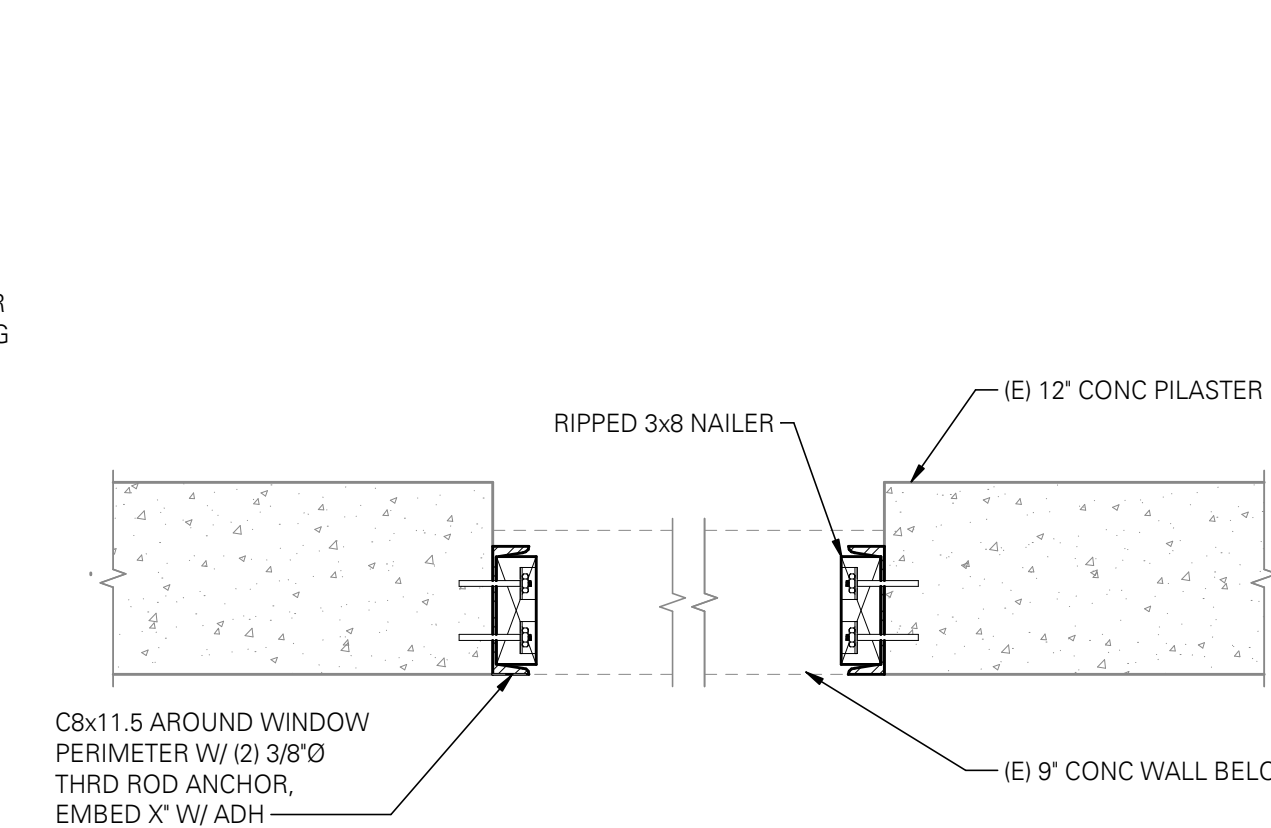
5 ELEVATOR PIT SECTION
SCALE: 3/4" = 1'-0" (03820)



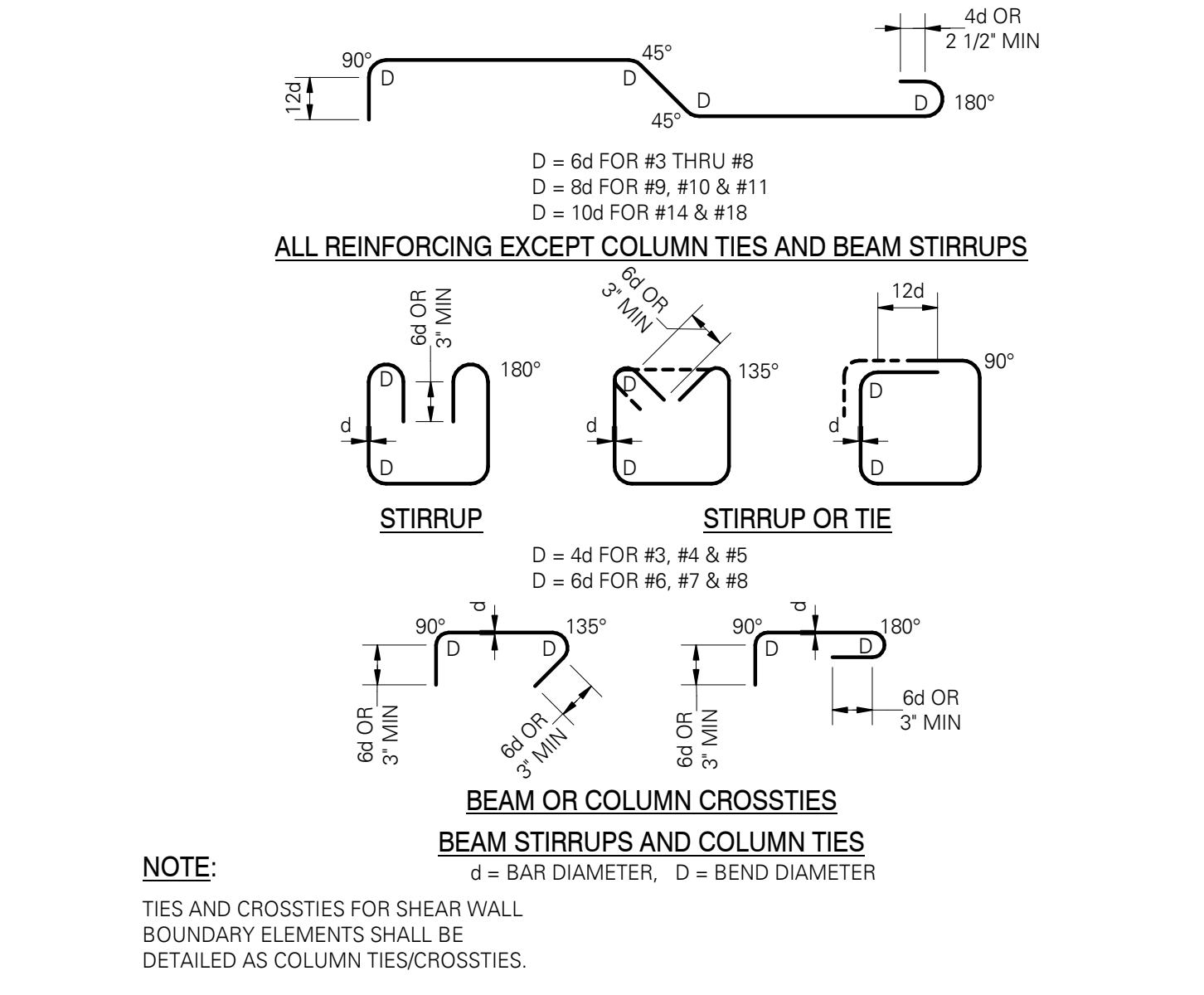
6 STEEL LINTEL AT NEW OPENING IN (E) CONCRETE WALL
SCALE: 1" = 1'-0"



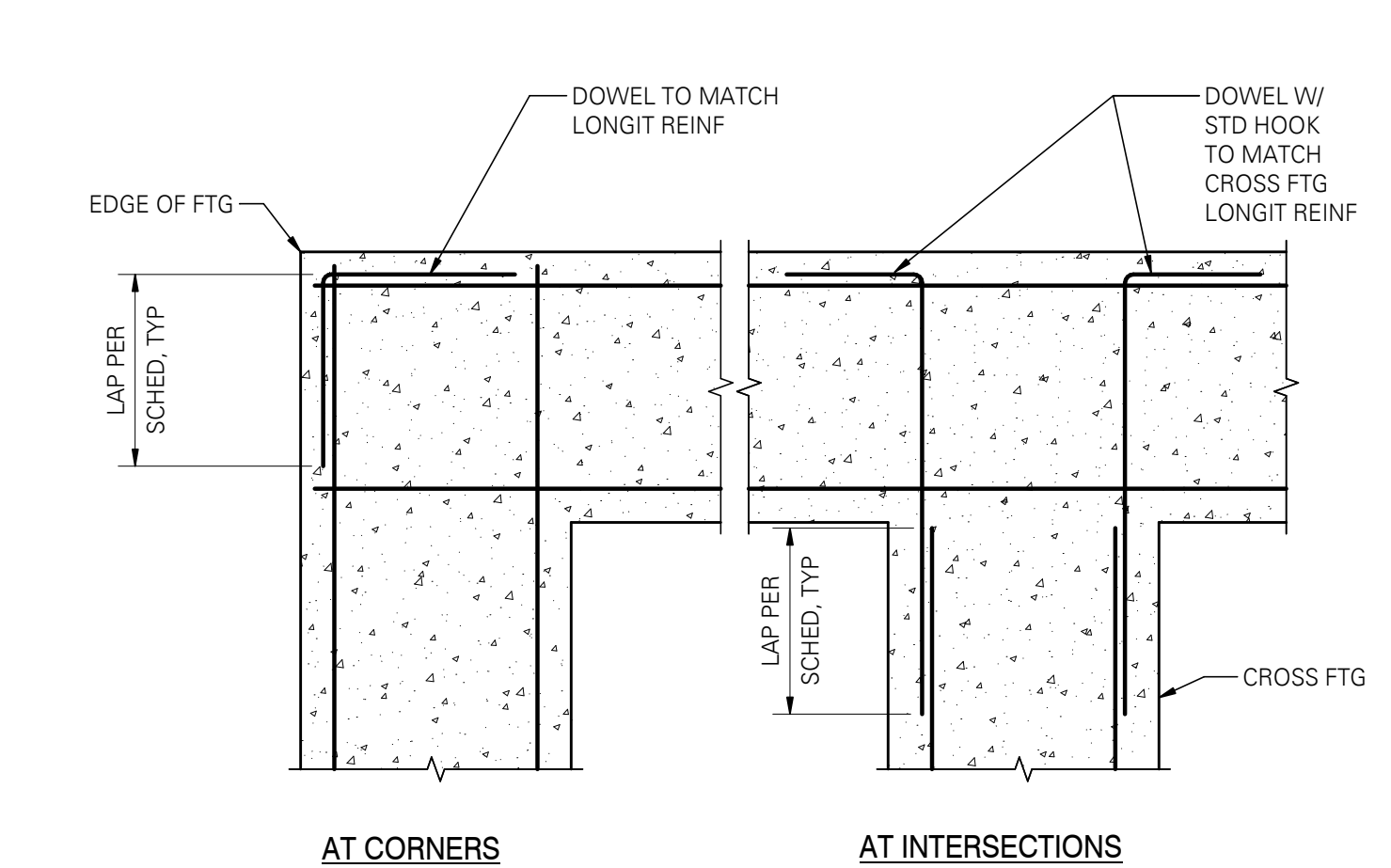
7 STEEL LINTEL AT NEW OPENING IN (E) CONCRETE WALL
SCALE: 1" = 1'-0"



8 COLUMN REINFORCEMENT AT WINDOW OPENING
SCALE: 1" = 1'-0"



9 STANDARD HOOKS AND BENDS
SCALE: 3/4" = 1'-0" (03400)



11 PLAN - TYPICAL CORNER REINFORCING AT CONCRETE FOOTINGS
SCALE: 3/4" = 1'-0" (03132)

NOTES:

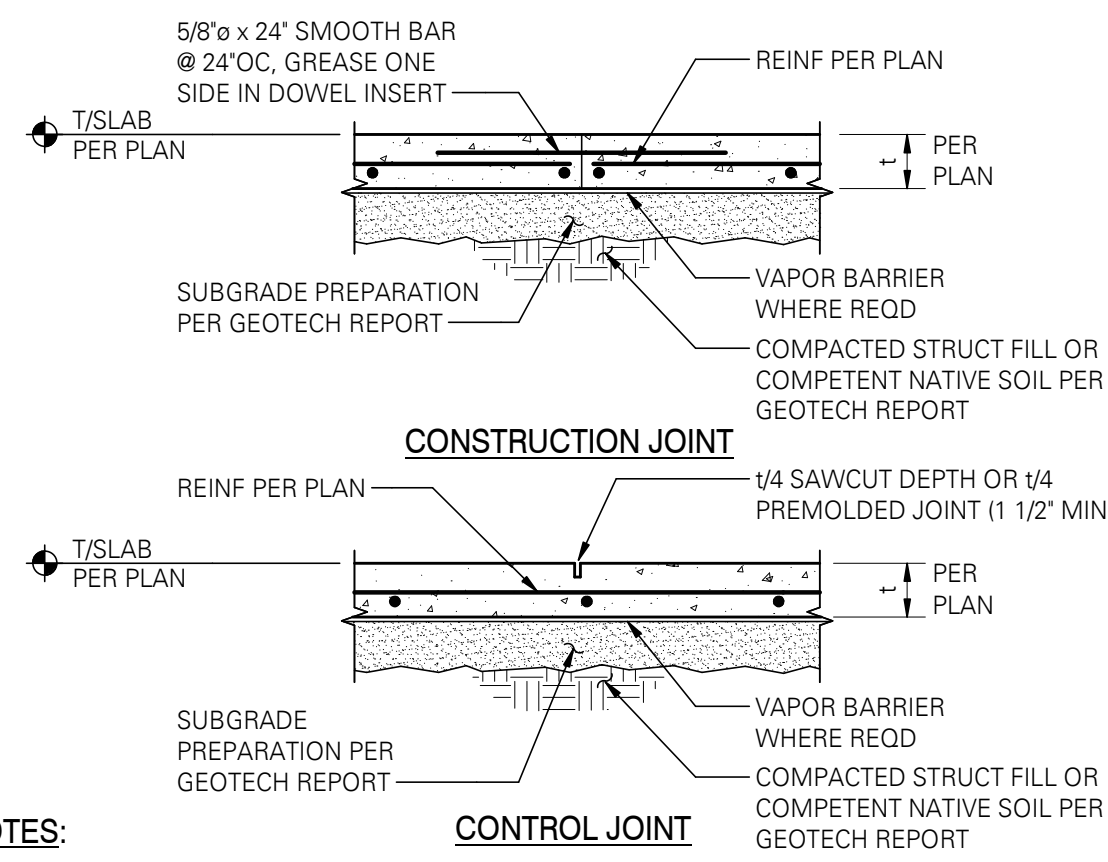
- ALL TABULATED VALUES ARE IN INCHES.
- VALUES FOR UNCOATED REINFORCING AND NORMAL WEIGHT CONCRETE WITH CLEAR SPACINGS > 4d. CLEAR COVER > 4d AND MINIMUM STIRRUPS OR TIES THROUGHOUT Ld OR CLEAR SPACING > 2db AND CLEAR COVER > db.
- DEVELOP ALL REINFORCING IN STRUCTURAL SLABS WITH MINIMUM DEVELOPMENT LENGTH Ld.
- Ldh = DEVELOPMENT LENGTH OF BAR WITH STANDARD HOOK.
- TOP BAR = HORIZONTAL BAR WITH MORE THAN 12" OF FRESH CONCRETE BELOW OR AS NOTED ON DOCUMENTS AS "TOP BAR".
- LAP SPLICE OF DIFFERENT SIZED BARS TO BE THE LARGER OF Ld OF THE LARGER BAR OR SPLICE LENGTH OF THE SMALLER BAR.

BAR SIZE	GRADE 60 REINFORCING			
	MISCELLANEOUS BARS		TOP BARS (see note #5)	
	Ld	Splice	Ld	Splice
f'c = 3000psi				
#3	17	22	22	28
#4	22	29	29	38
#5	28	36	36	47
#6	33	43	43	56
#7	48	63	63	81
#8	55	72	72	93
#9	62	81	81	105
#10	70	91	91	118
#11	78	101	101	131
#14	93	N/A	121	N/A
#18	124	N/A	161	N/A
f'c = 4000psi				
#3	15	19	19	25
#4	19	25	25	33
#5	24	31	31	41
#6	29	37	37	49
#7	42	54	54	71
#8	48	62	62	81
#9	54	70	70	91
#10	61	79	79	102
#11	67	87	87	114
#14	81	N/A	105	N/A
#18	108	N/A	140	N/A

12 TYPICAL LAP SPLICE AND DEVELOPMENT LENGTH SCHEDULE
SCALE: 3/4" = 1'-0" (01400)

REVISIONS:

#	DATE	DESCRIPTION

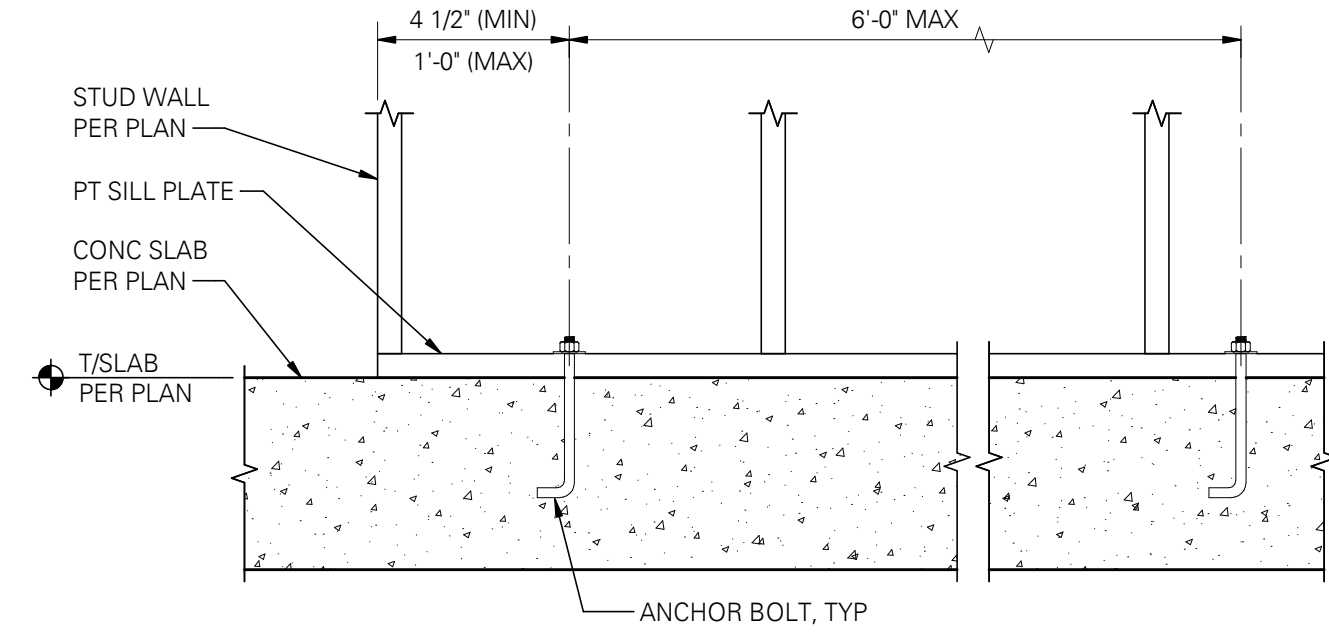


NOTES:

- CONSTRUCTION JOINT IS A JOINT BETWEEN DIFFERENT POURS. CONTROL JOINT IS A CRACK CONTROL JOINT WITHIN THE SAME POUR.
- USE 'EARLY ENTRY DRY-CUT SAW' AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OF CONCRETE EDGES. SAWCUT ALONG SHORT DIRECTION OF POUR FIRST.
- ALIGN A CONSTRUCTION OR CONTROL JOINT WITH RE-ENTRANT SLAB CORNERS, EACH WAY, TYPICAL.
- CONSTRUCTION/CONTROL JOINT TO ENCLOSE APPROXIMATE SQUARE AREAS 225 SQUARE FEET MAXIMUM, WITH MAXIMUM PANEL ASPECT RATIO OF 1.3 TO 1.0.
- CONTRACTOR TO SUBMIT CONSTRUCTION/CONTROL JOINT PLAN TO STRUCTURAL ENGINEER OF RECORD FOR REVIEW/APPROVAL.

1 TYPICAL SLAB ON GRADE JOINT DETAILS WITH REINFORCING

SCALE: 3/4" = 1'-0" (03201)

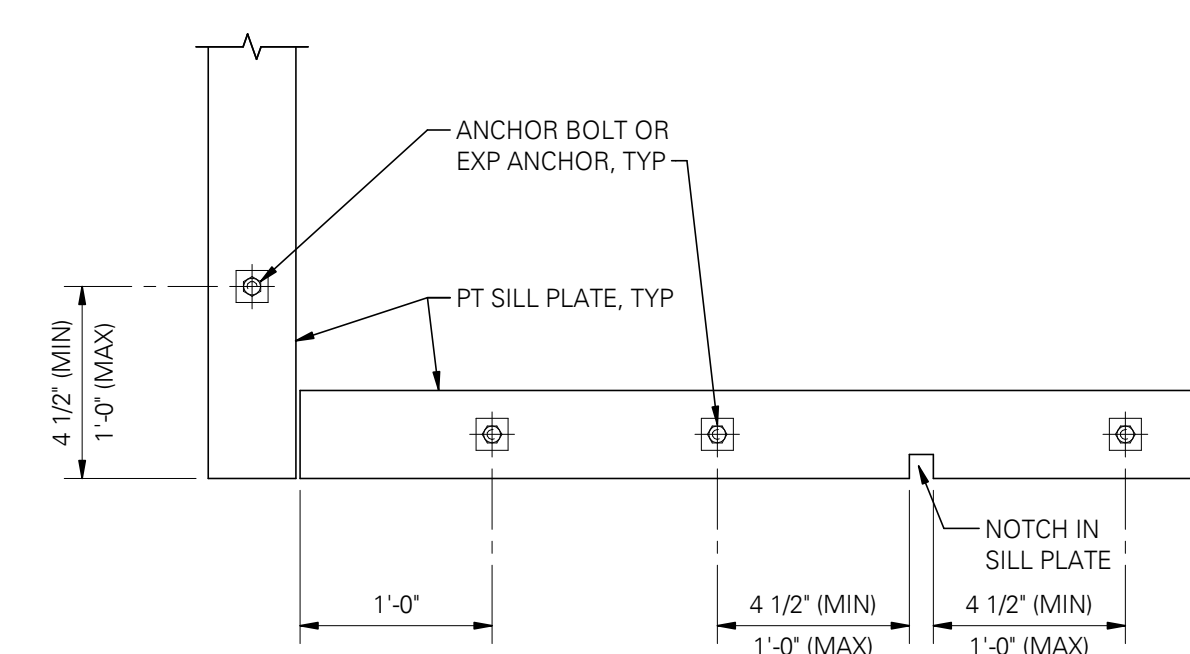


NOTES:

- USE 5/8" ANCHOR BOLTS WITH 7" MINIMUM EMBEDMENT INTO CONCRETE SLAB.
- EACH SILL PLATE PIECE SHALL HAVE (2) BOLTS MINIMUM. HOLD-DOWN ANCHORS ARE NOT TO BE CONSIDERED AN ANCHOR BOLT.
- LOCATE BOLTS WITHIN 1'-0" OF SILL PLATE PIECE ENDS AND AT 6'-0" OC MAXIMUM.
- USE PLATE WASHER PER SHEAR WALL SCHEDULE AT EACH BOLT. STANDARD CUT WASHERS ARE ACCEPTABLE AT NON-SHEAR WALLS.
- DO NOT DRILL OVERSIZE HOLES THRU SILL PLATE. USE 11/16" DRILL BIT.
- SILL PLATE THICKNESS AND FASTENING AT SHEAR WALLS PER SHEAR WALL SCHEDULE.
- CONTACT THE ENGINEER-OF-RECORD FOR POST INSTALLED ANCHOR OPTIONS.

2 TYPICAL SILL PLATE ANCHORAGE TO CONCRETE

SCALE: 1" = 1'-0" (06910)

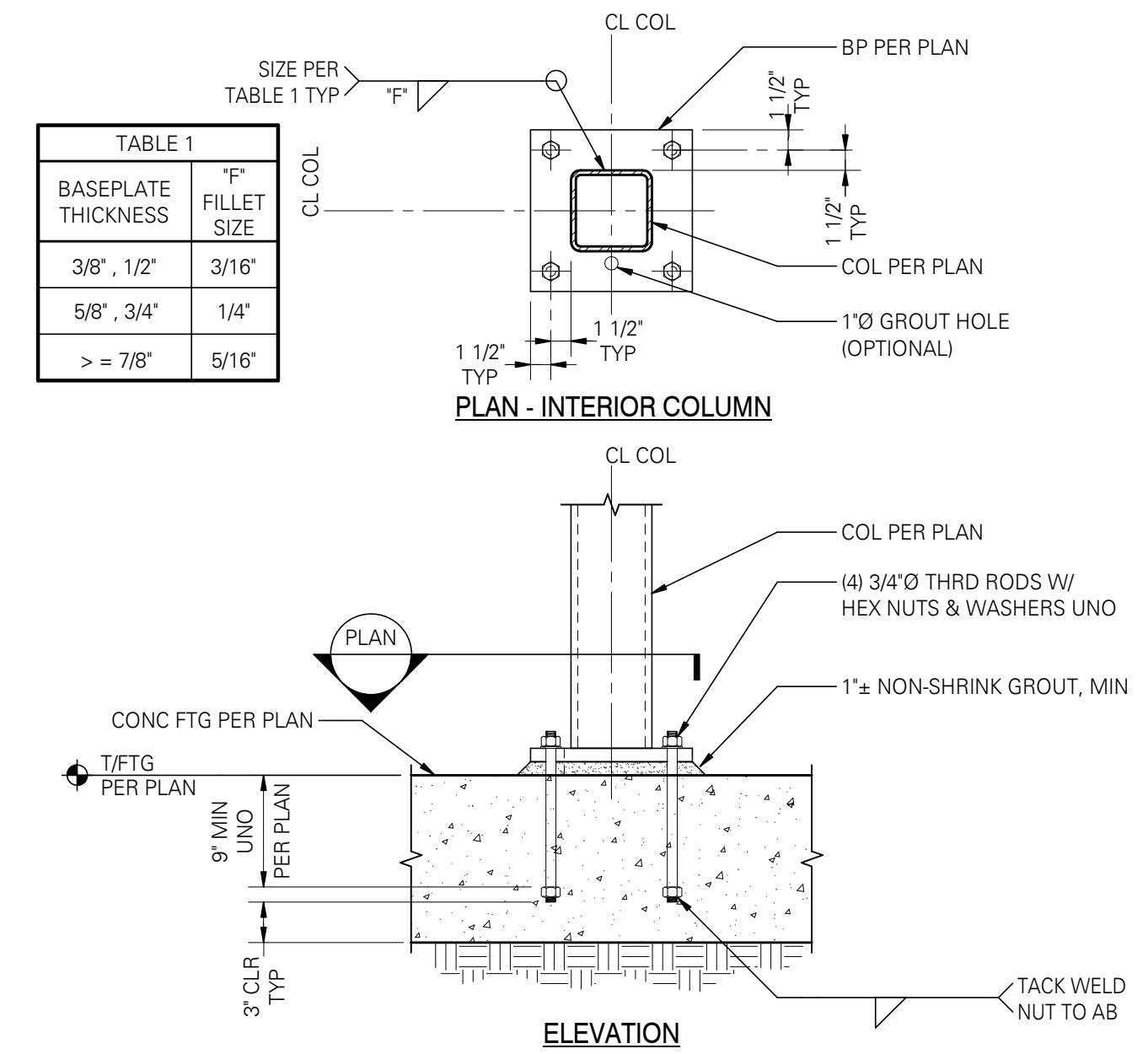


NOTES:

- USE 5/8" ANCHOR BOLT PER (06910).
- EACH SILL PLATE PIECE SHALL HAVE (2) BOLTS MINIMUM. HOLD-DOWN ANCHORS ARE NOT TO BE CONSIDERED AN ANCHOR BOLT.
- LOCATE BOLTS WITHIN 1'-0" OF SILL PLATE PIECE ENDS AND AT 6'-0" OC MAXIMUM.
- USE PLATE WASHER PER SHEAR WALL SCHEDULE AT EACH BOLT. STANDARD CUT WASHERS ARE ACCEPTABLE AT NON-SHEAR WALLS.
- DO NOT DRILL OVERSIZE HOLES THRU SILL PLATE. USE 11/16" DRILL BIT.
- SILL PLATE THICKNESS AND FASTENING AT SHEAR WALLS PER SHEAR WALL SCHEDULE.
- CONTACT THE ENGINEER-OF-RECORD FOR POST INSTALLED ANCHOR OPTIONS.

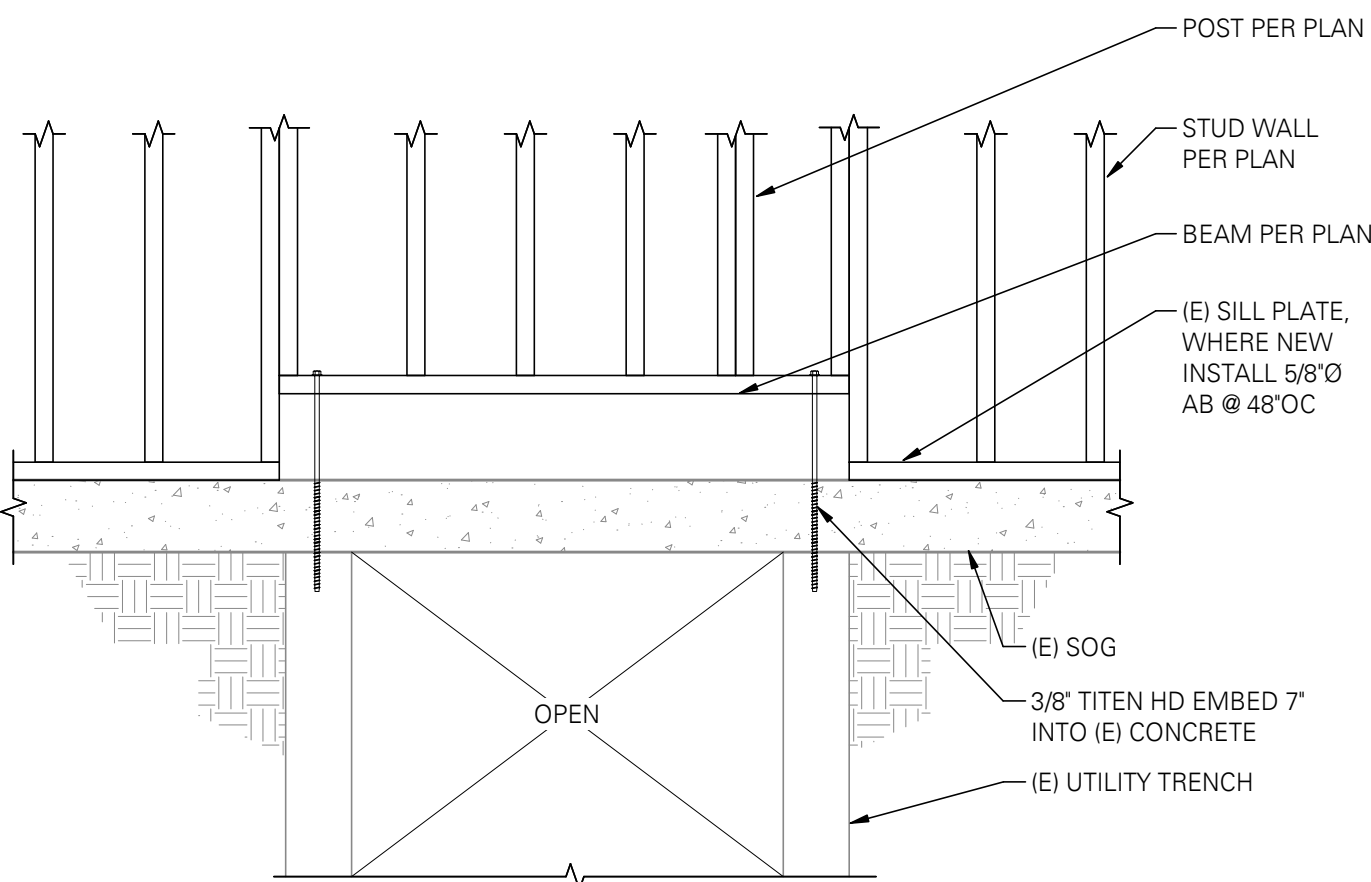
3 PLAN - TYPICAL SILL PLATE ANCHORAGE TO CONCRETE

SCALE: 1" = 1'-0" (06911)



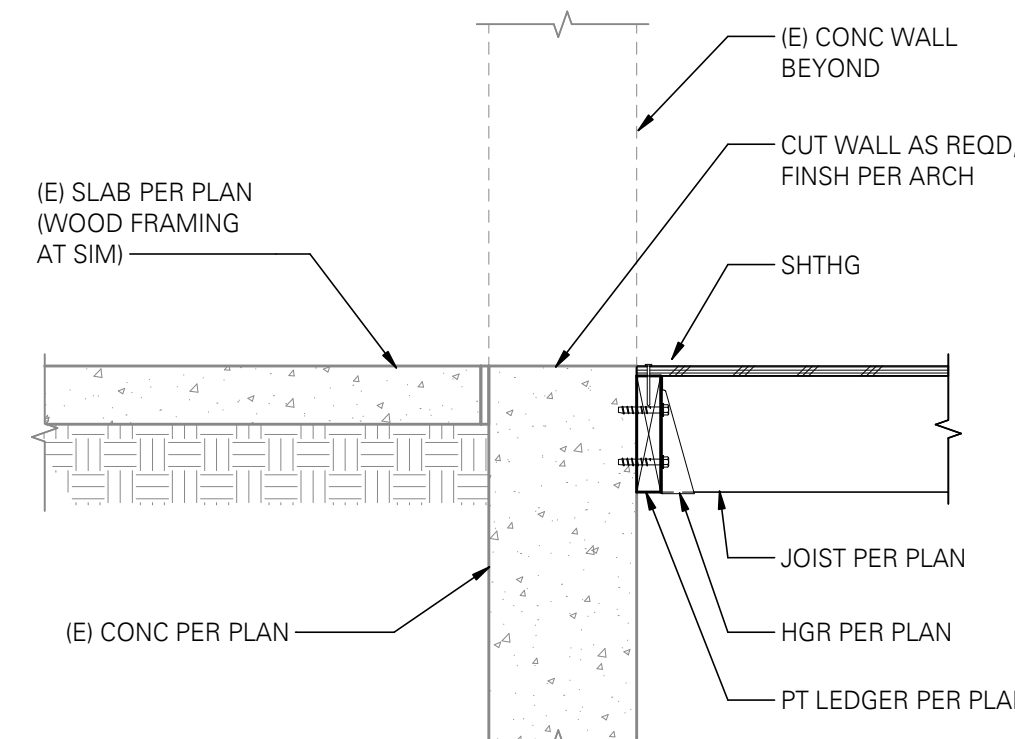
4 TYPICAL BASEPLATE TO FOUNDATION CONNECTION - HSS COLUMN

SCALE: 1" = 1'-0" (05030)



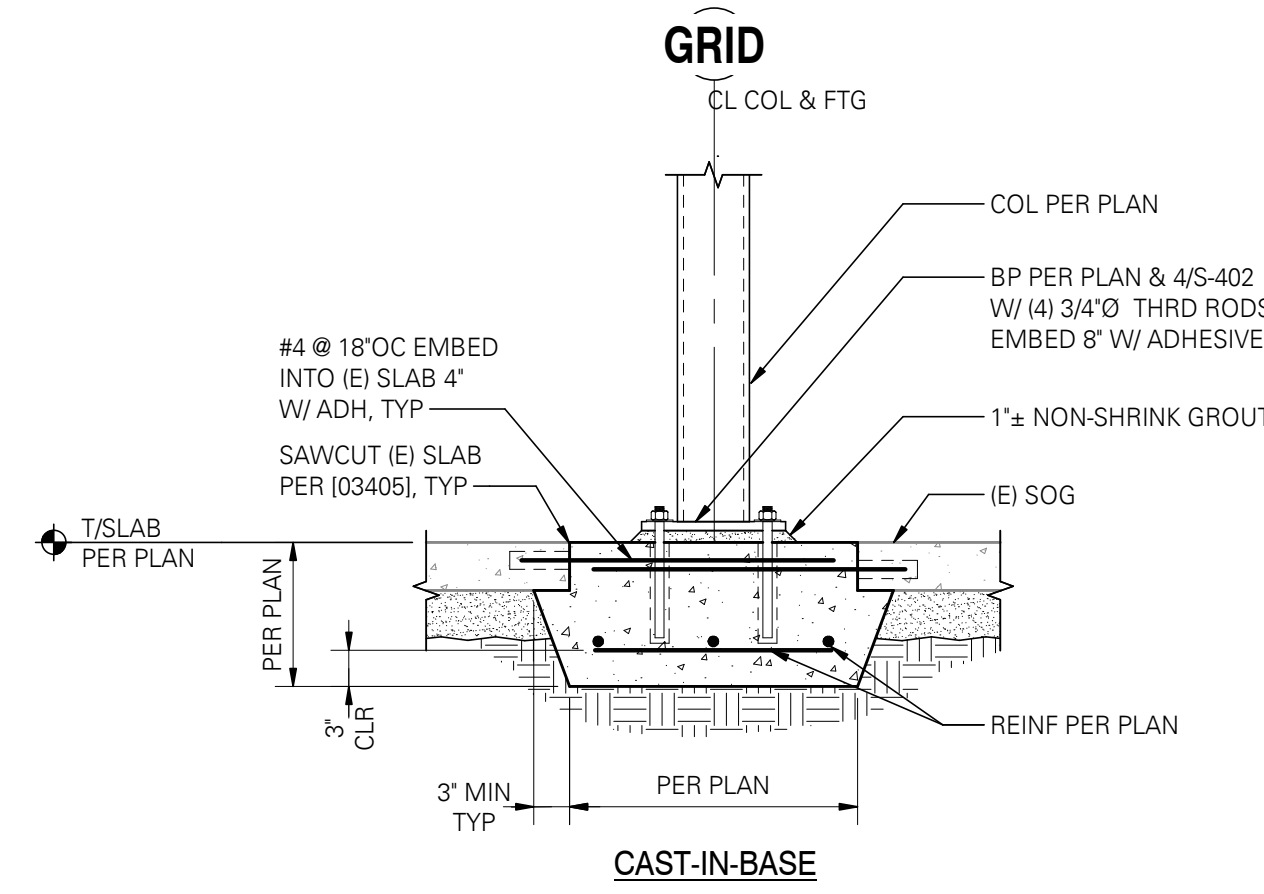
5 BEARING WALL AT UTILITY TUNNEL

SCALE: 3/4" = 1'-0"



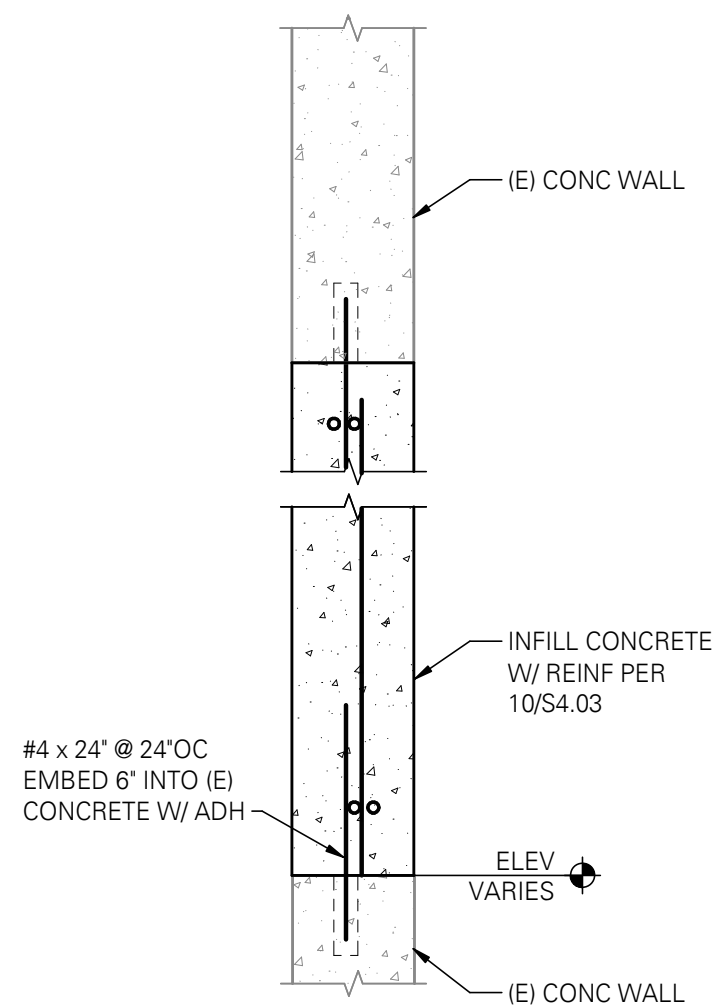
6 LEDGER TO (E) CONCRETE WALL

SCALE: 1" = 1'-0"



7 INTERIOR FOOTING TO EXISTING SLAB ON GRADE AT WOOD POST

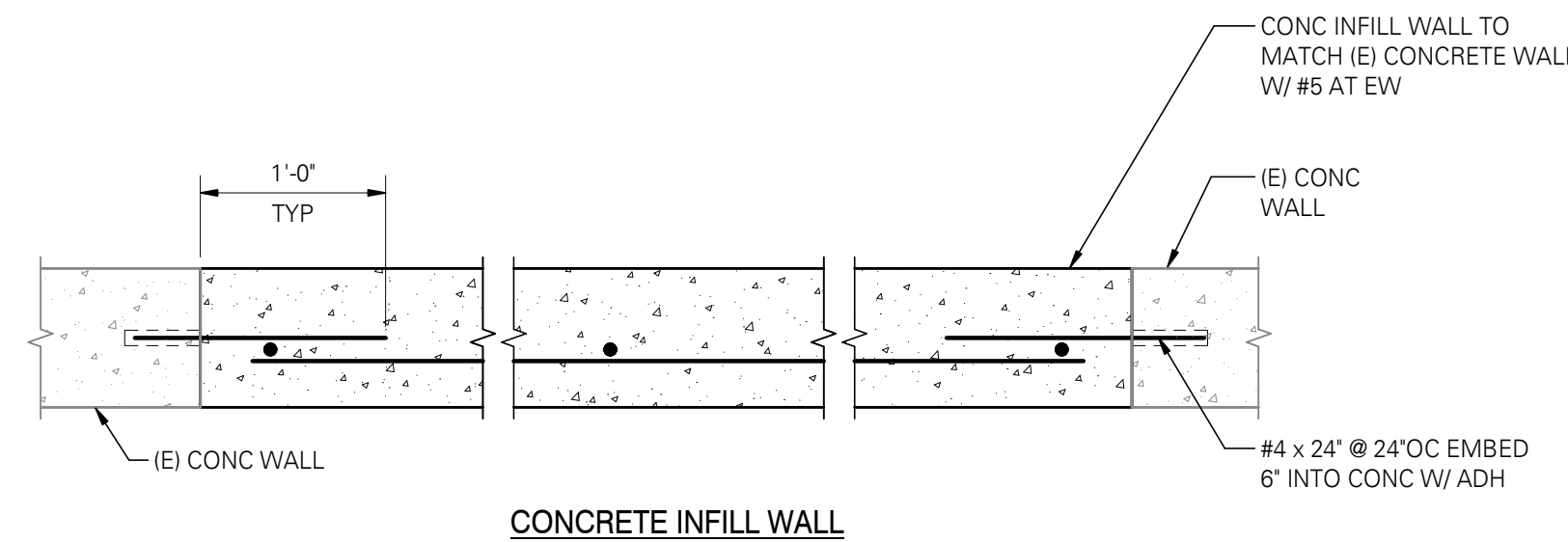
SCALE: 3/4" = 1'-0" (03010BM)



WINDOW INFILL

9 TYP SECTION INFILL OF OPENING

SCALE: 1" = 1'-0"



CONCRETE INFILL WALL

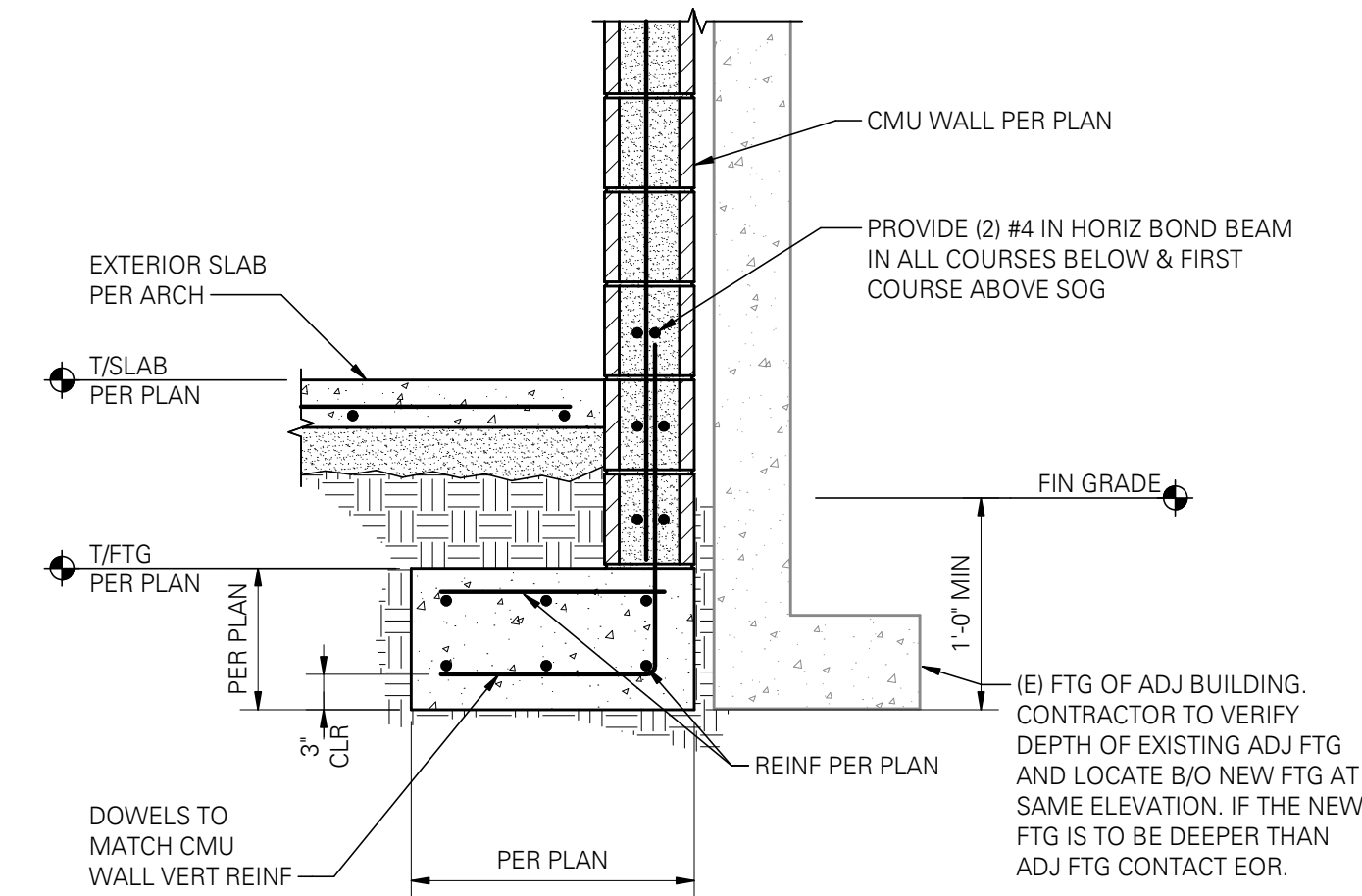
SCHEMATIC DESIGN

REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
STRUCTURAL - FOUNDATION DETAILS

7/14/2023 10:47:20 AM C:\Users\h20201\OneDrive\Documents\23031-0024\23031-0024-0007.rvt



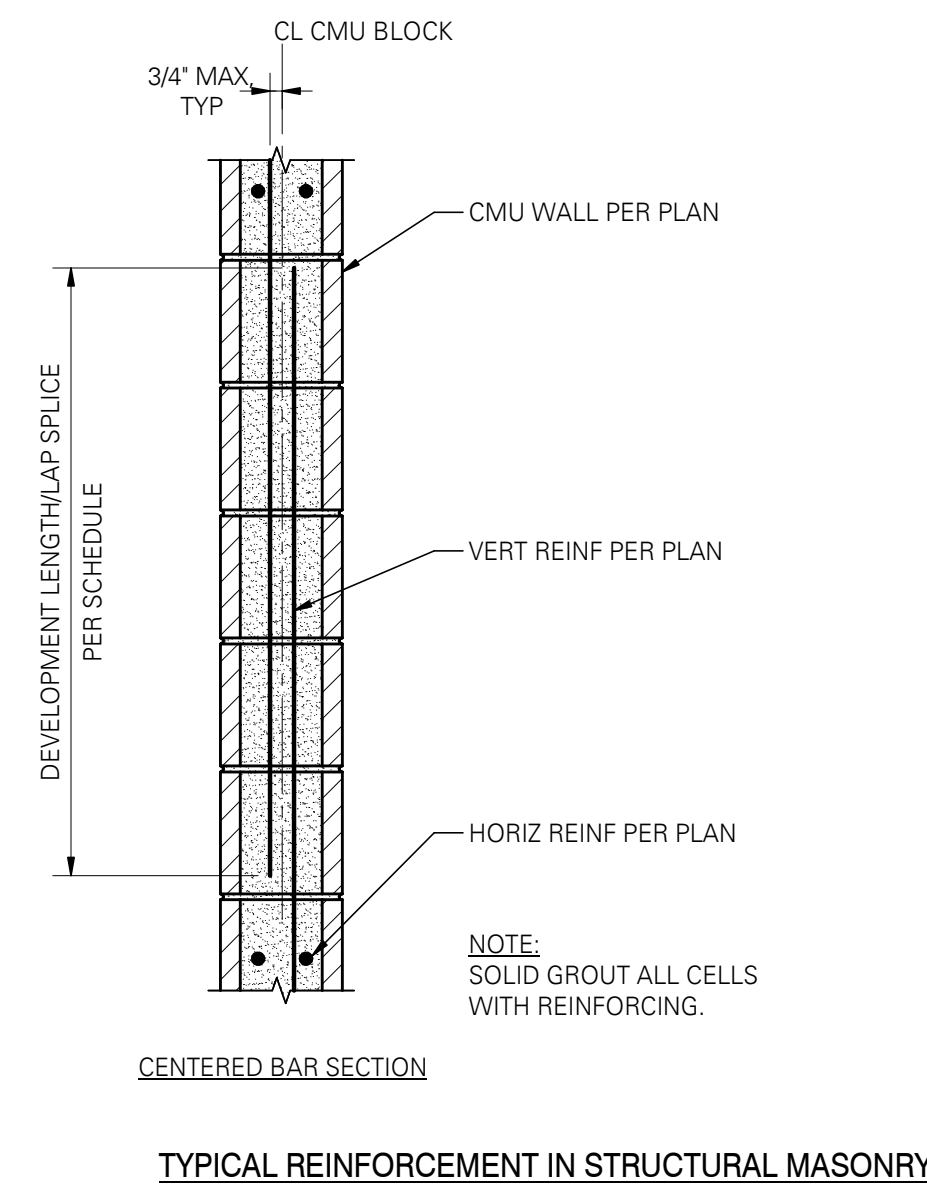
1 EXTERIOR FOOTING AT CMU WALL (L SHAPED FOOTING)
SCALE: 3/4" = 1'-0" (03152)

01402

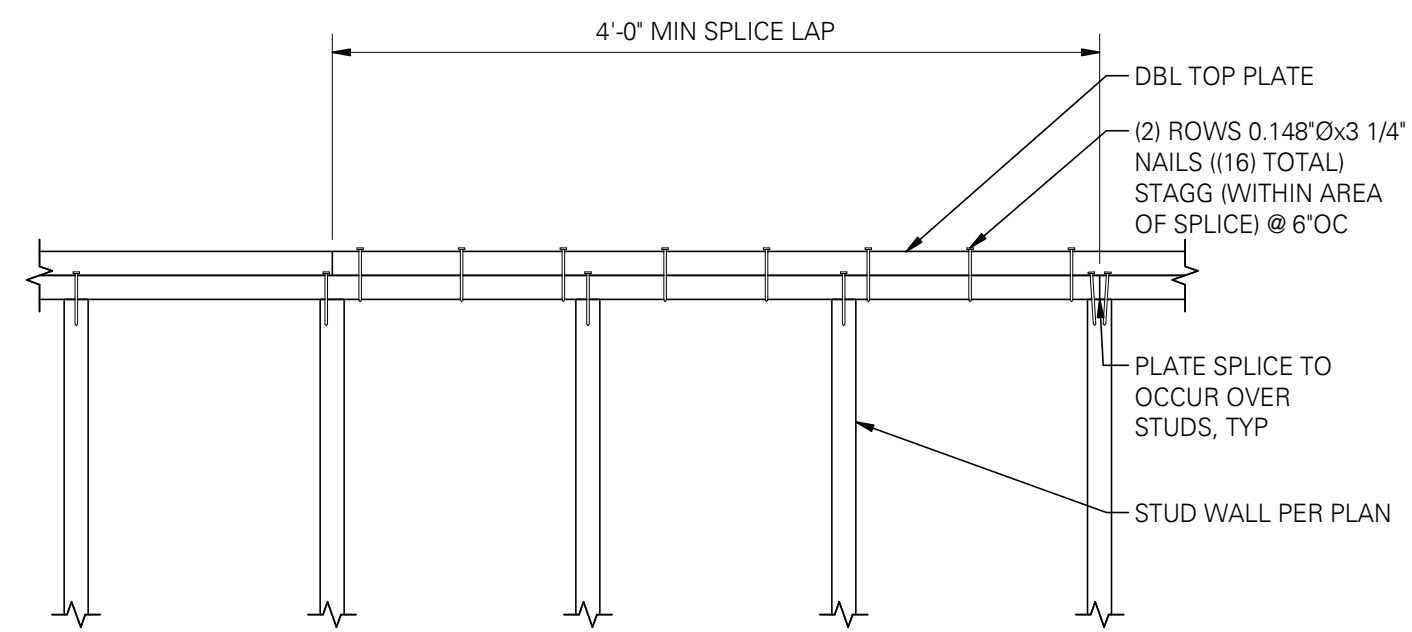
STRUCTURAL MASONRY DEVELOPMENT LENGTH AND LAP SPLICE LENGTH SCHEDULE

BAR SIZE	BAR CENTERED IN CMU BLOCK				BAR AT FACE SHELL (3)
	NOMINAL CMU BLOCK SIZE				ALL CMU BLOCK SIZES
	6"	8"	10"	12"	
f'm = 2000psi, f'y = 60000psi					
#4	16	13	12	12	22
#5	26	20	16	13	35
#6	53	38	29	24	54
#7	—	52	40	33	63
#8	—	72	61	50	72

- NOTES:**
- (1) DEVELOPMENT AND LAP SPLICE LENGTHS INDICATED SHALL BE USED NOTED OTHERWISE ON DRAWINGS.
 - (2) REINFORCING MAY BE CONSIDERED TO BE SPLICED WHEN IN CONTACT OR WHEN BARS ARE IN ADJACENT GROUTED CELLS AND ARE SPACED NO FARTHER APART THAN 1/5 THE REQUIRED LAP LENGTH INDICATED AND NEVER FURTHER APART THAN 8".
 - (3) PROVIDE 2" CLEAR COVER FOR ALL BARS. CLEAR COVER IS DEFINED AS THE DISTANCE FROM THE NEAREST EXTERIOR MASONRY SURFACE TO OUTERMOST SURFACE OF REINFORCEMENT.
 - (4) ALL TABULATED VALUES ARE IN INCHES.

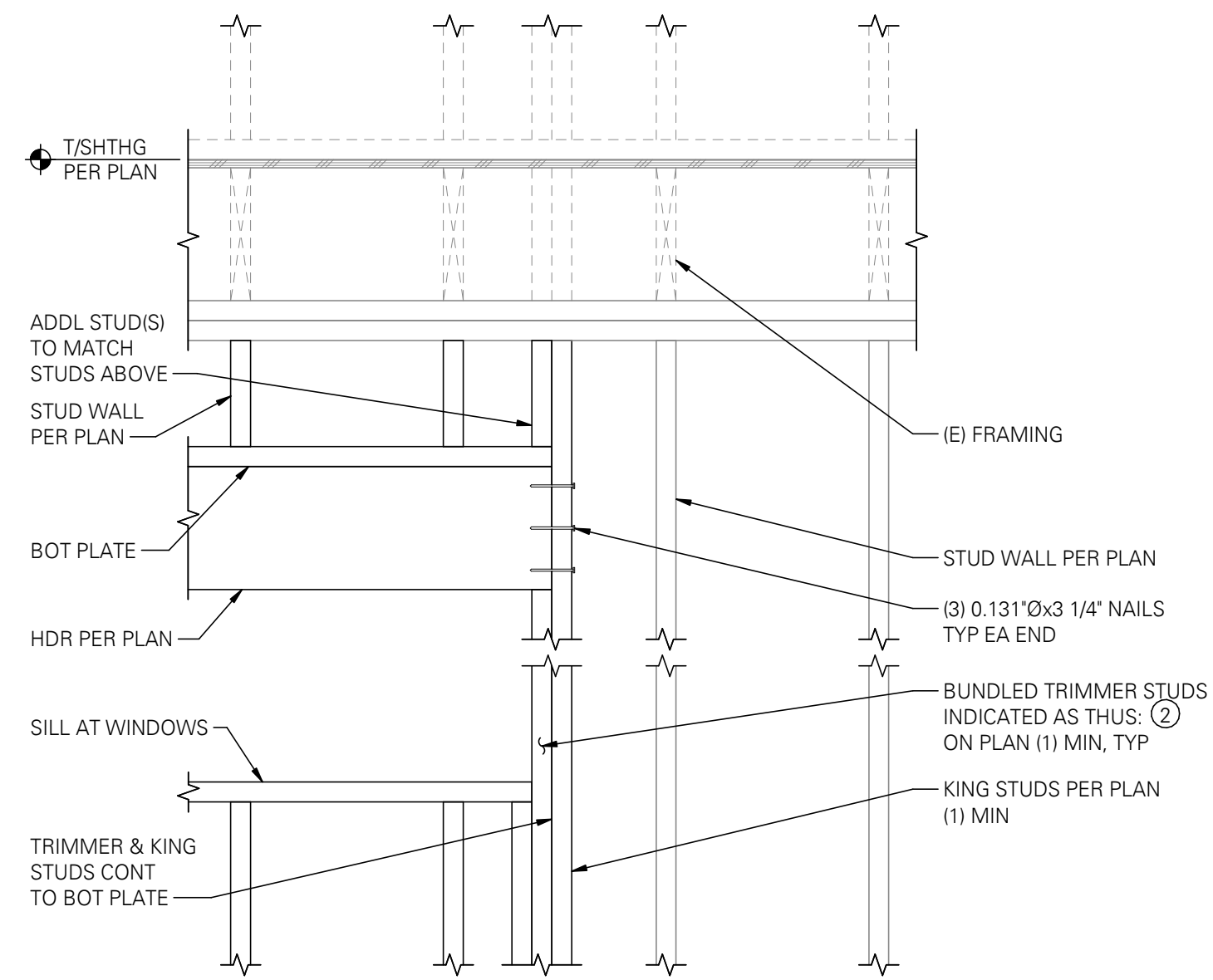


2 TYPICAL DEVELOPMENT LENGTH AND LAP SPLICE LENGTH SCHEDULE FOR STRUCTURAL MASONRY
SCALE: 1" = 1'-0" (01402)

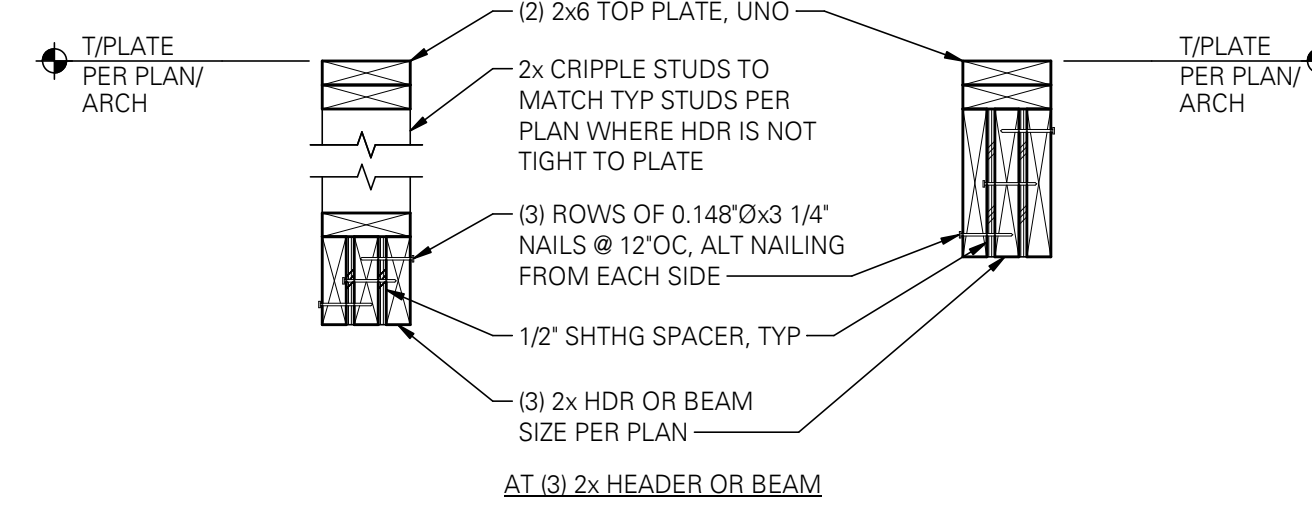
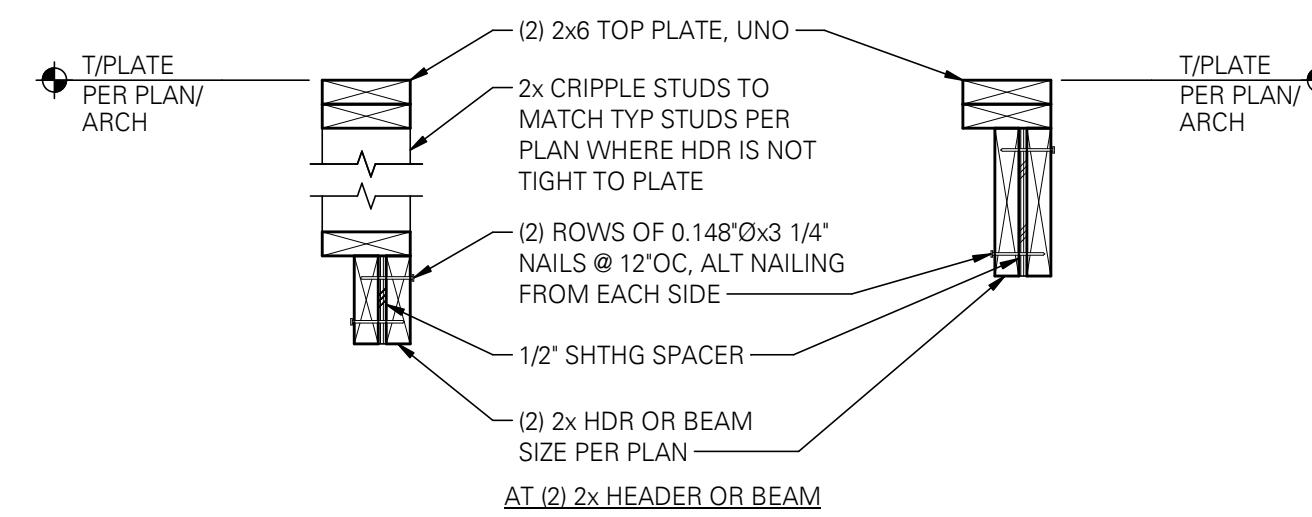


NOTE:
FLOOR/ROOF JOISTS NOT SHOWN FOR CLARITY.

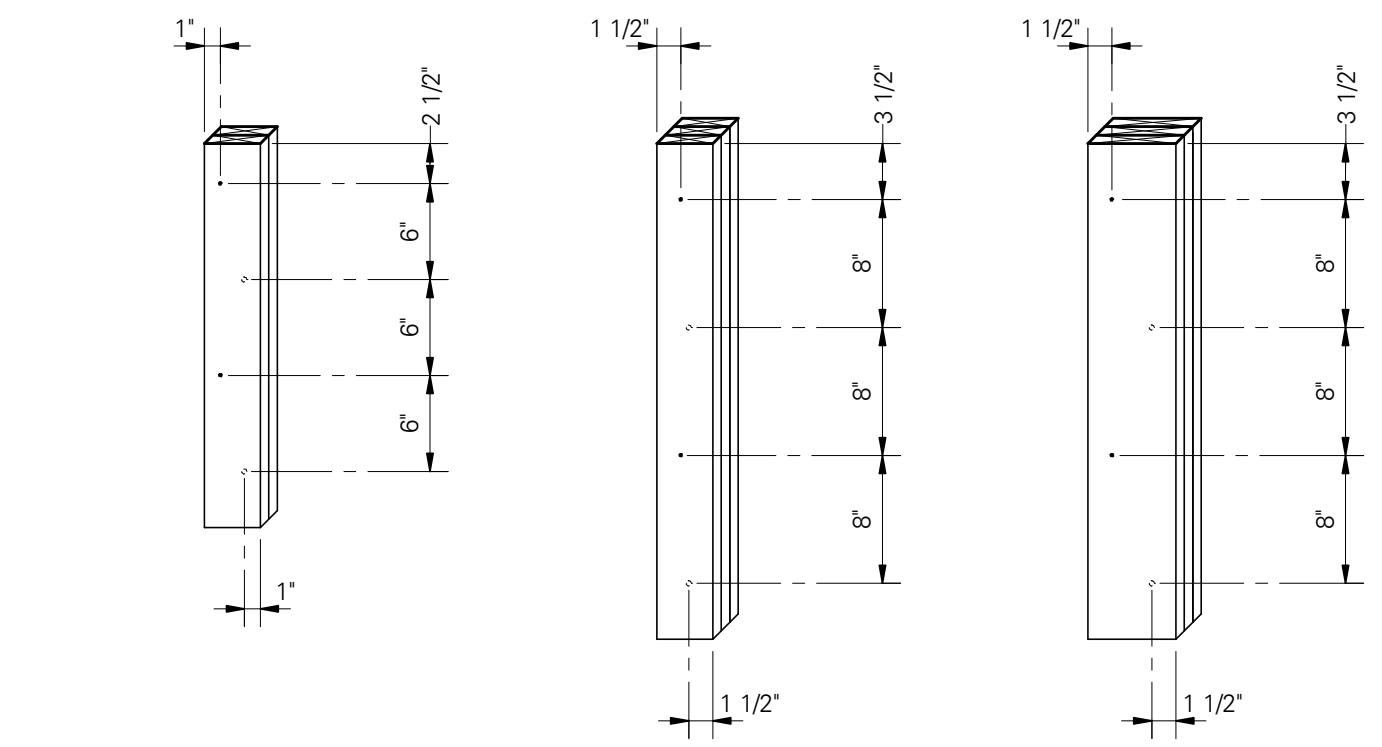
1 TYPICAL PLATE SPLICE DETAIL
SCALE: 1" = 1'-0" (06904)



2 TYPICAL HEADER
SCALE: 1" = 1'-0" (06210)



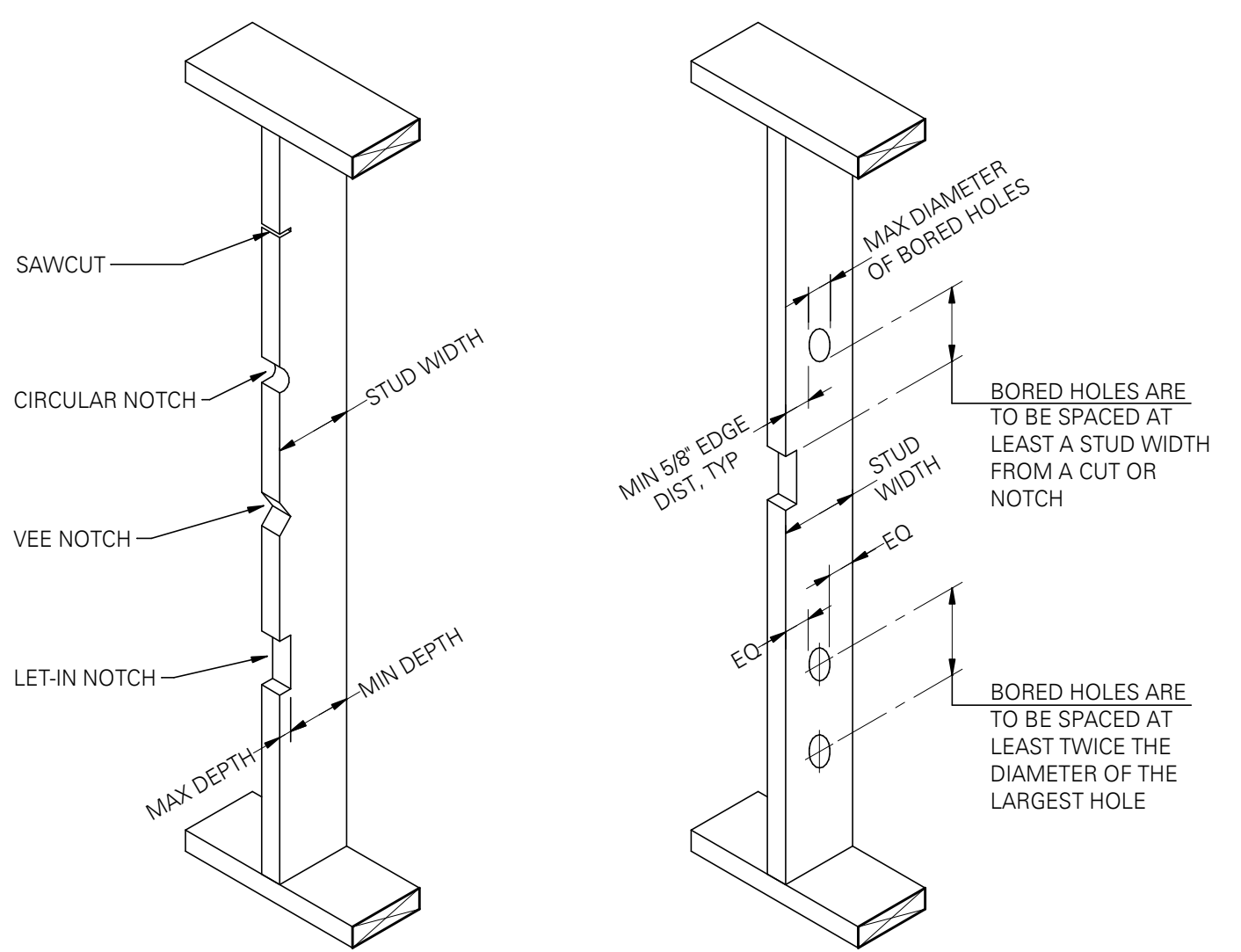
3 TYPICAL BUILT-UP 2x HEADER OR BEAM
SCALE: 1" = 1'-0" (06212)



(2) 2x4 LAMINATIONS W/ (1) ROW OF 0.148"Øx3 1/2" NAILS, STAGGERED
(3) 2x4 LAMINATIONS W/ (1) ROW OF 0.148"Øx3 1/2" NAILS, EA LAYER, STAGGERED BTWN LAYERS EA SIDE
(3) 2x6 LAMINATIONS W/ (2) ROWS OF 0.148"Øx3 1/2" NAILS, EA LAYER, STAGGERED BTWN LAYERS EA SIDE

NOTE:
EACH ADDITIONAL LAMINATION OVER (3) LAMINATIONS SHALL BE NAILED TO THE ASSEMBLY W/ 0.148"Øx3 1/4" NAILS, STAGGERED EACH SIDE OF BUNDLED STUDS.

4 TYPICAL NAILING FOR BUNDLED STUDS
SCALE: 1" = 1'-0" (06914)



BEARING WALL STUDS		
STUD SIZE	MAX DEPTH OF EDGE CUT OR NOTCH	MIN DEPTH REMAINING AFTER CUT OR NOTCH
2x4	7/8"	2 5/8"
2x6	1 3/8"	4 1/8"

BEARING WALL STUDS		
STUD SIZE	MAX DIAMETER OF BORED HOLE	MIN DEPTH REMAINING AFTER BORED HOLE
2x4	1 3/8"	5/8" EA SIDE OF HOLE
2x6	2 3/16"	5/8" EA SIDE OF HOLE

NOTE:
STUDS MAY NOT BE BORED IN EXCESS OF 40% OF THE STUD, IF STUDS ARE DOUBLED, BORINGS MAY BE INCREASED TO 60% OF STUD WIDTH PROVIDED NOT MORE THAN (2) SUCCESSIVE STUDS ARE BORED. BORINGS SHALL NOT BE MADE AT THE SAME SECTION WHERE CUT OR NOTCH HAS BEEN MADE.

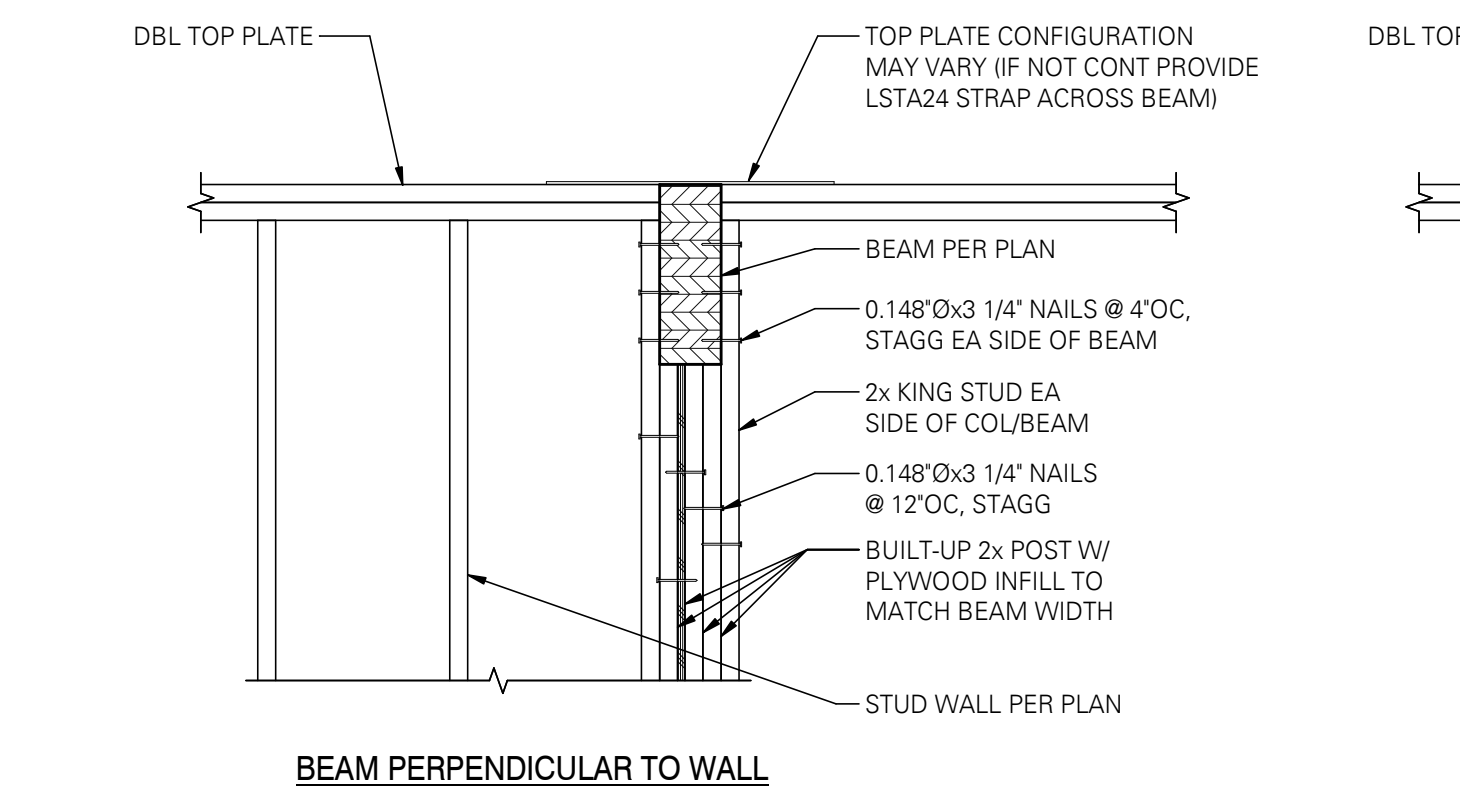
NON-BEARING WALL STUDS		
STUD SIZE	MAX DEPTH OF EDGE CUT OR NOTCH	MIN DEPTH REMAINING AFTER CUT OR NOTCH
2x4	1 3/8"	2 1/8"
2x6	2 3/16"	3 3/8"

NON-BEARING WALL STUDS		
STUD SIZE	MAX DIAMETER OF BORED HOLE	MIN DEPTH REMAINING AFTER BORED HOLE
2x4	2 1/16"	5/8" EA SIDE OF HOLE
2x6	3 1/4"	5/8" EA SIDE OF HOLE

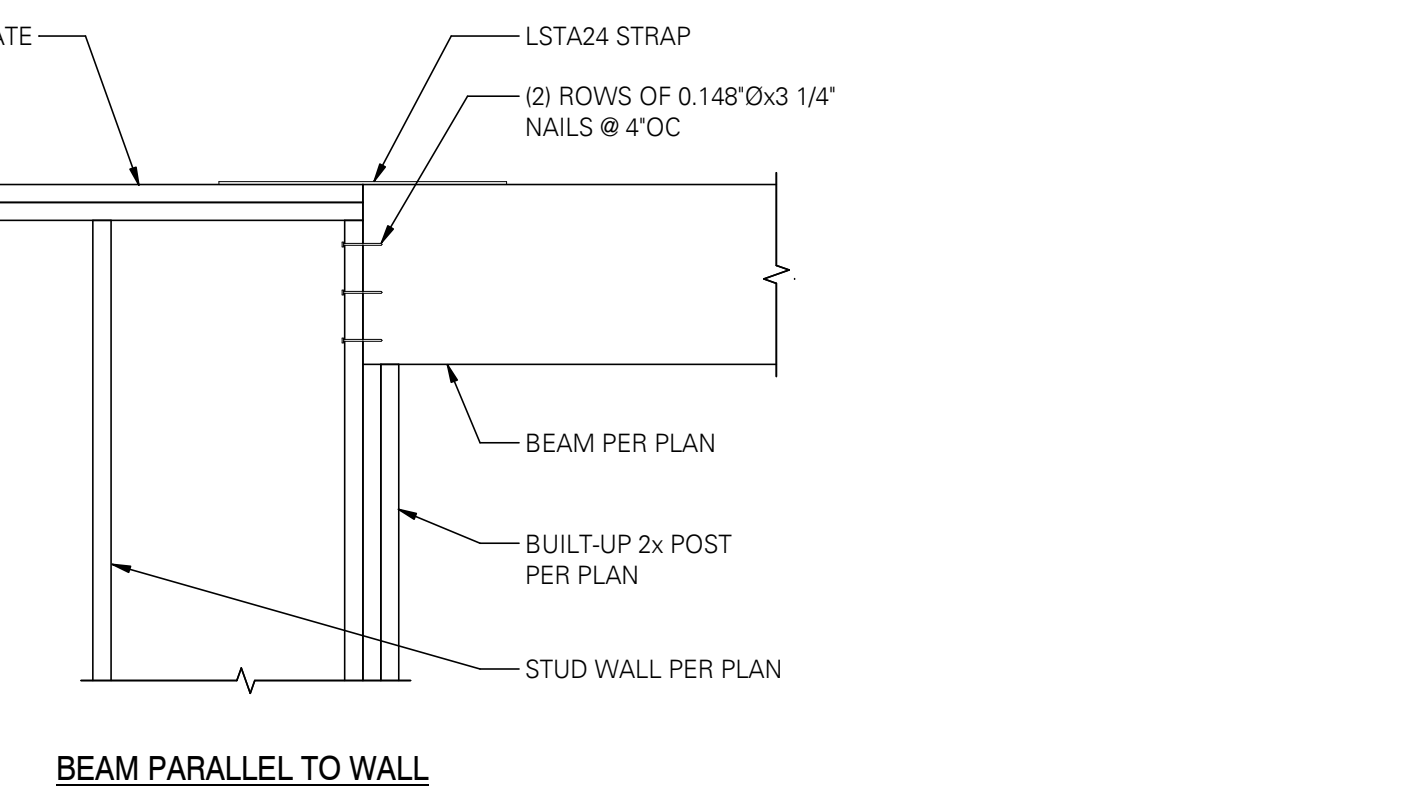
NOTE:
STUDS MAY NOT BE BORED IN EXCESS OF 60% OF THE STUD. BORINGS SHALL NOT BE MADE AT THE SAME SECTION WHERE CUT OR NOTCH HAS BEEN MADE.

CUTTING AND NOTCHING WOOD STUDS
NOTE:
DO NOT NOTCH MORE THAN THREE ADJACENT STUDS WITHOUT REVIEW BY ENGINEER.

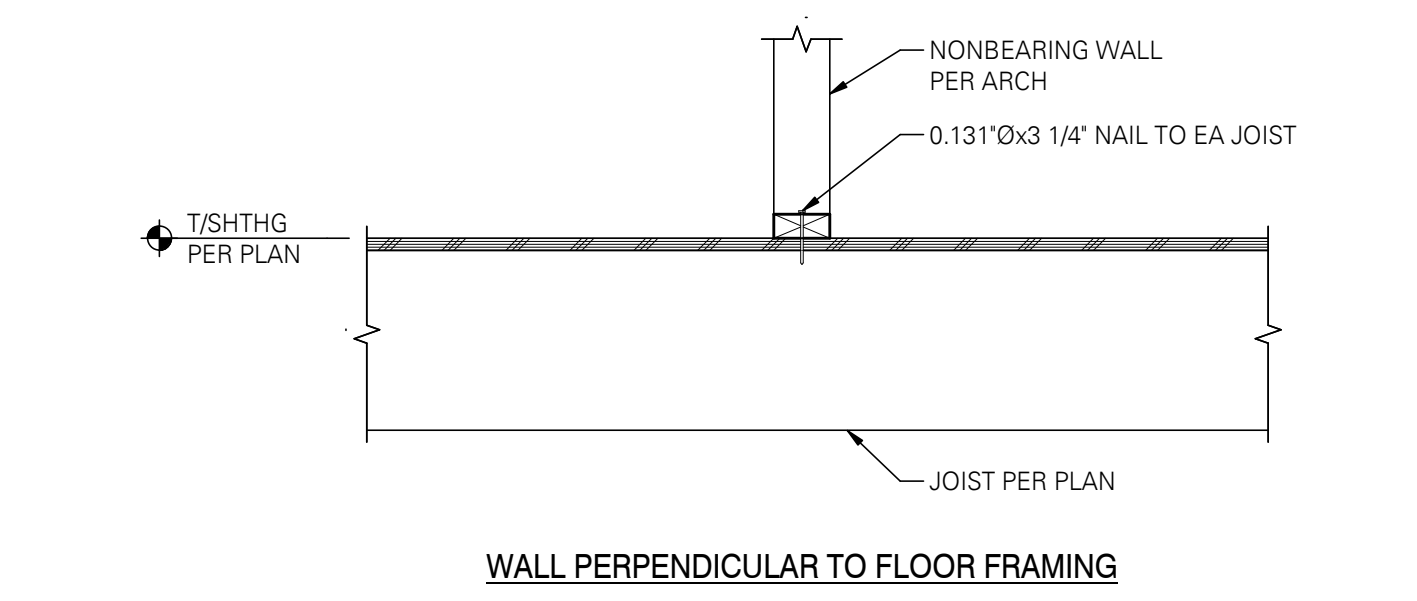
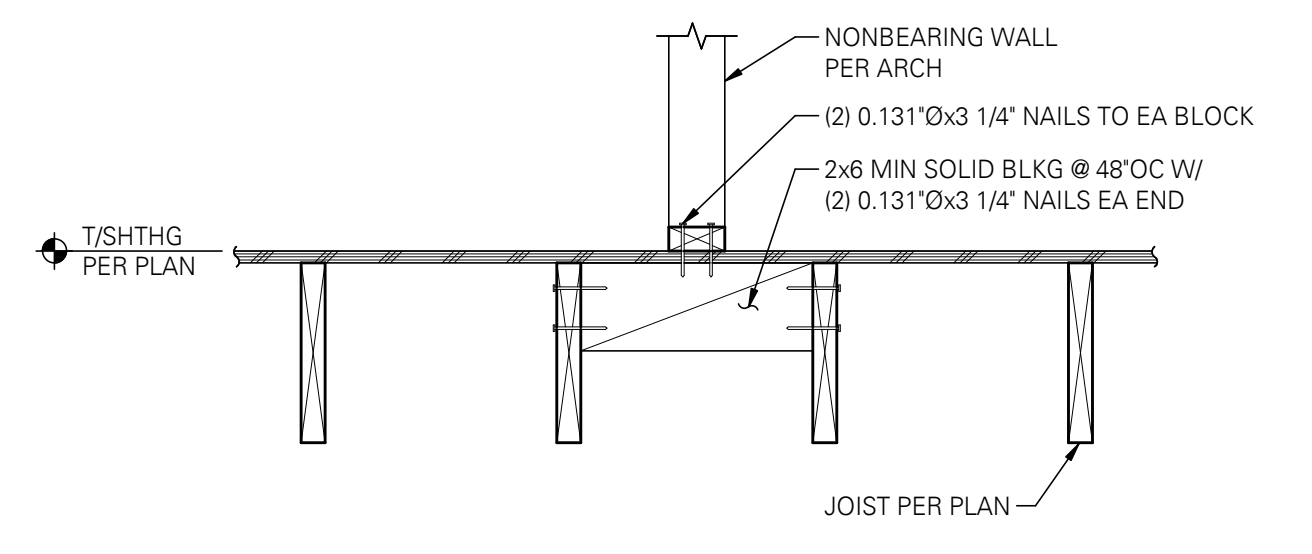
BORED HOLES IN WOOD STUDS
NOTE:
BORED HOLE NOT PERMITTED IN MORE THAN THREE ADJACENT STUDS WITHOUT REVIEW BY ENGINEER.



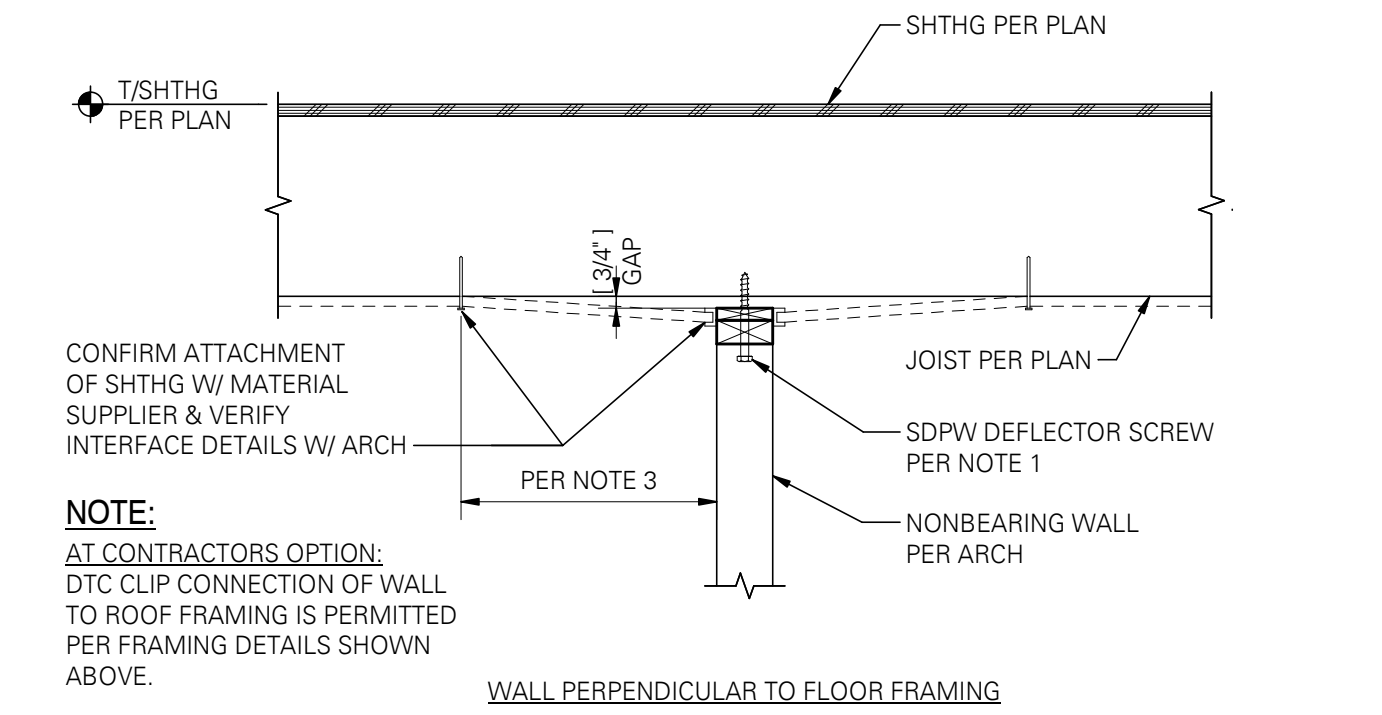
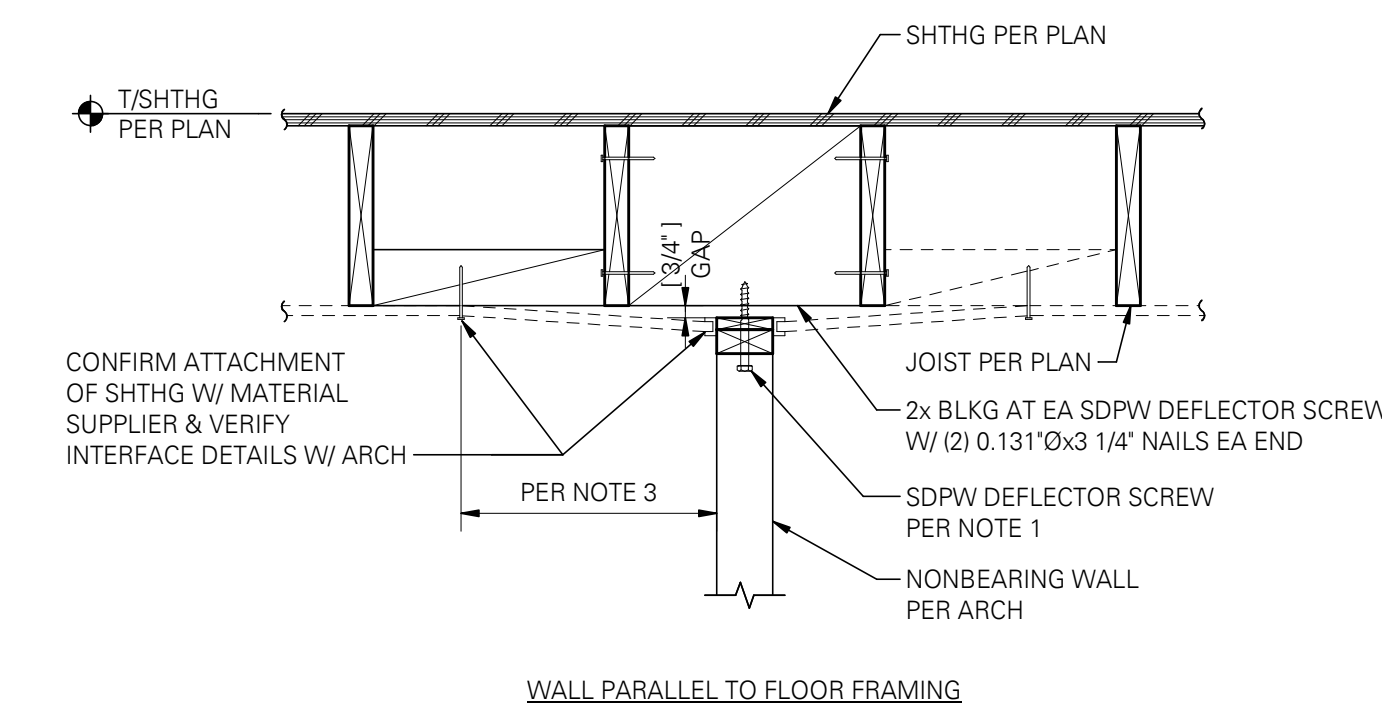
6 TYPICAL BEAM TO STUD WALL
SCALE: 3/4" = 1'-0" (06208)



6 TYPICAL BEAM TO STUD WALL
SCALE: 3/4" = 1'-0" (06208)

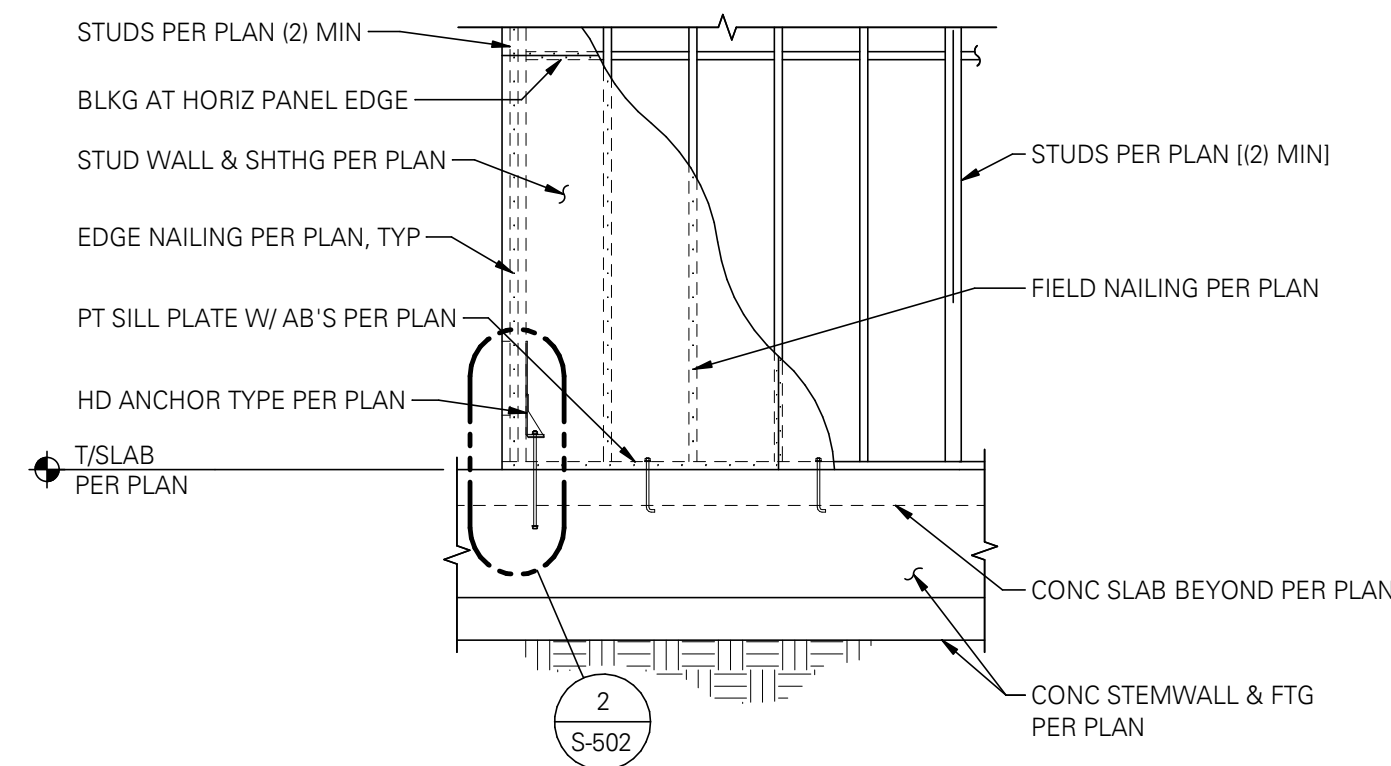


11 NON-STRUCTURAL PARTITION WALL CONNECTION
SCALE: 1" = 1'-0" (06906A)



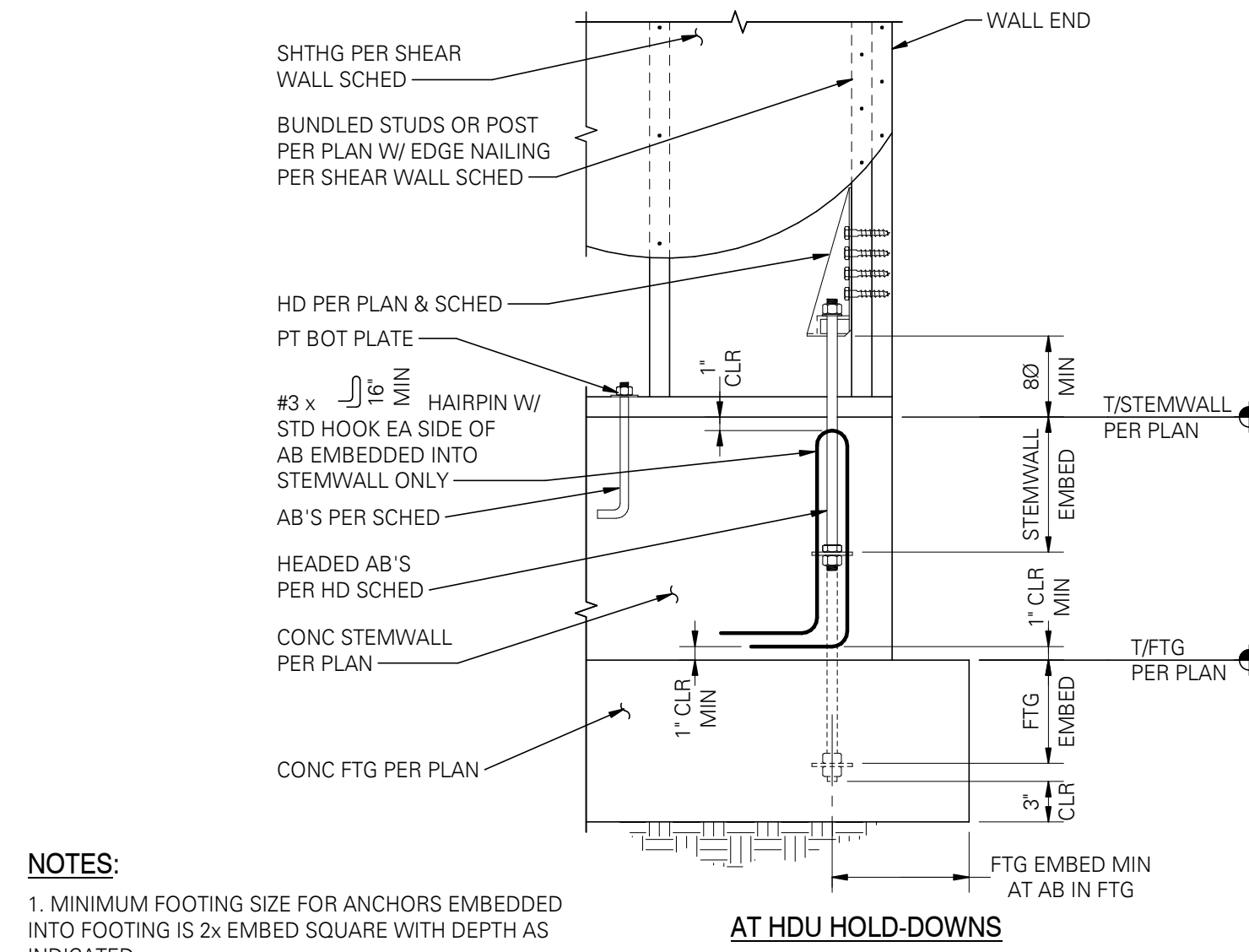
NOTES:
1. CONTRACTOR TO REFERENCE SDPW DEFLECTOR SCREW SPECIFICATIONS IN REGARDS TO PRODUCT TYPE AT 1x AND 2x TOP PLATES OR (2) 2x TOP PLATES. FOR 1x AND 2x TOP PLATES A MAXIMUM SPACING EQUALS 42"OC AND FOR (2) 2x TOP PLATES A MAXIMUM SPACING EQUALS 48"OC. SDPW DEFLECTOR SCREWS MUST BE PLACED AT MINIMUM 6" FROM EACH END OF WALL. INSTALL WITH 3/4" OFFSET BELOW BOTTOM OF PLATE AND HEAD OF SDPW DEFLECTOR SCREW.
2. DCI ENGINEERS IS ONLY RESPONSIBLE FOR THE POSITIVE CONNECTION (DTC CLIP AND SDPW DEFLECTOR SCREW) FROM THE NONBEARING WALL TO THE PRIMARY STRUCTURE. THE CONTRACTOR IS TO CONFIRM THE ATTACHMENT OF THE CEILING SHEATHING TO THE NONBEARING WALL WITH THE SUB-CONTRACTOR PERFORMING THE FRAMING, THE ARCHITECT, THE MATERIAL SUPPLIER, AND THE ACOUSTICAL CONSULTANT AS THERE ARE VARIOUS CONSIDERATIONS INCLUDING MATERIAL ATTACHMENT SPECIFICATIONS, PREFERENTIAL FRAMING TECHNIQUES BY THE SUB-CONTRACTOR, FIRE RATING AND ACOUSTICAL CAULKING REQUIREMENTS, AND NONBEARING WALL FINISH INTERFACE REQUIREMENTS. ALL OF WHICH ARE OUTSIDE OF DCI ENGINEERS EXPERTISE.
3. 16" MINIMUM, 24" MAXIMUM. CONFIRM SPACING OF CONNECTION WITH MATERIAL SUPPLIER, MATERIAL SUPPLIER TO ACCOUNT FOR MOVEMENT OF STRUCTURE.
4. 1x TOP PLATE CAN BE REMOVED GIVEN THE GAP IS 1/2" MAXIMUM.

12 NON-STRUCTURAL PARTITION WALL CONNECTION
SCALE: 1" = 1'-0" (06905A)



1 TYPICAL SHEAR WALL ELEVATION

SCALE: 1" = 1'-0" (06090)



2 TYPICAL HOLD-DOWN AT FOUNDATION - CONCRETE STEMWALL

SCALE: 1" = 1'-0" (06091)

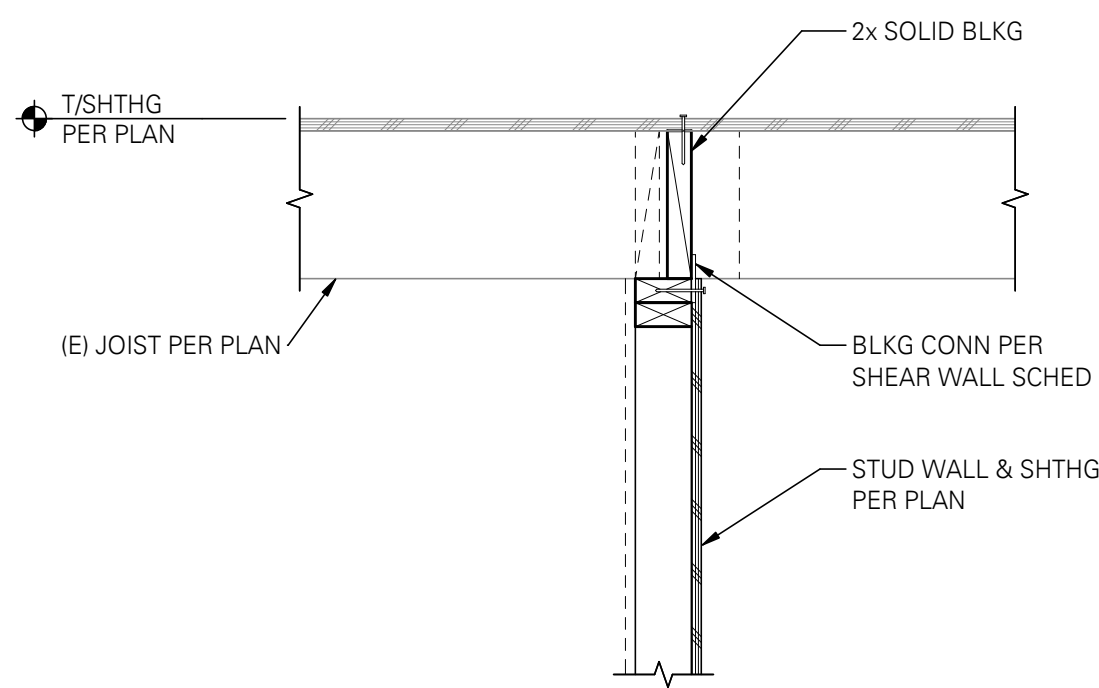
NOTES:
1. MINIMUM FOOTING SIZE FOR ANCHORS EMBEDDED INTO FOOTING IS 2x EMBED SQUARE WITH DEPTH AS INDICATED.

01420 HOLD-DOWN/STRAP SCHEDULE - DOUG-FIR STUDS								
TYPE	NUMBER OF STUDS/POST (3, 10)	NAILS, SCREWS OR BOLTS	ANCHOR (4)				NOTES	
			DIAMETER (8)	CONCRETE EMBEDMENT/CAPACITY		FOOTING EMBED CAPACITY		
				STEMWALL (5)	CAPACITY			EMBED CIP (6, 11)	CAPACITY
HDU4	(2) 2x	(10) SDS1/4x2 1/2	5/8"Ø	10"	4.6k	8"	4.6k	----

- NOTES:
 (1) SOME HOLD-DOWN TYPES MAY NOT BE USED ON THIS PROJECT.
 (2) TYPICAL HOLD-DOWN DETAILS PER 2/S-502. ANCHOR REINFORCEMENT REQUIRED AT STEMWALLS.
 (3) PROVIDE PANEL EDGE NAILING PER SHEAR WALL SCHEDULE AT HOLD-DOWN STUDS/POSTS.
 (4) BASED ON MINIMUM $f_c = 3000$ PSI CONCRETE.
 (5) STEMWALLS SHALL BE 8" WIDE x 18" TALL MINIMUM.
 (6) CAST-IN-PLACE (CIP) TYPE THREADED RODS AT HOLD-DOWNS SHALL HAVE TWO HEX HEAD NUTS WITH OVERSIZED WASHERS.
 (7) INCLUDES 1.6 LOAD DURATION INCREASE FOR WOOD.
 (8) AT PRESSURE TREATED SILLS, USE HOT DIPPED GALVANIZED BOLTS.
 (9) POST INSTALLED HOLD-DOWN OPTIONS MAY BE AVAILABLE AT SOME CONDITIONS. CONTACT ENGINEER OF RECORD PRIOR TO CONSTRUCTION.
 (10) NAIL LAMINATE MULTIPLE 2x STUDS WITH PLATE NAILING PER SHEAR WALL SCHEDULE.
 (11) STUD WALLS SHALL BE 2x6, CENTER HOLD-DOWN IN STUD WALL.

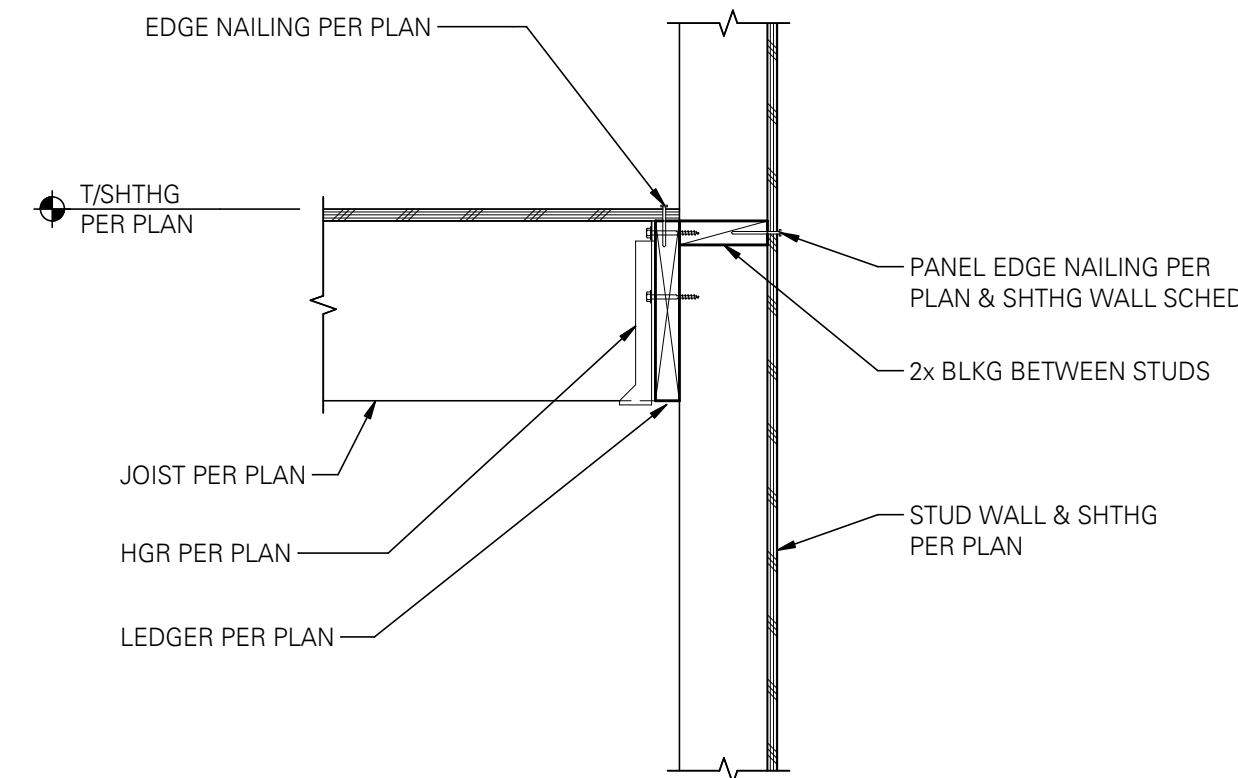
4 HOLD-DOWN/STRAP SCHEDULE - DOUG-FIR STUDS

SCALE: 1" = 1'-0" (01420)



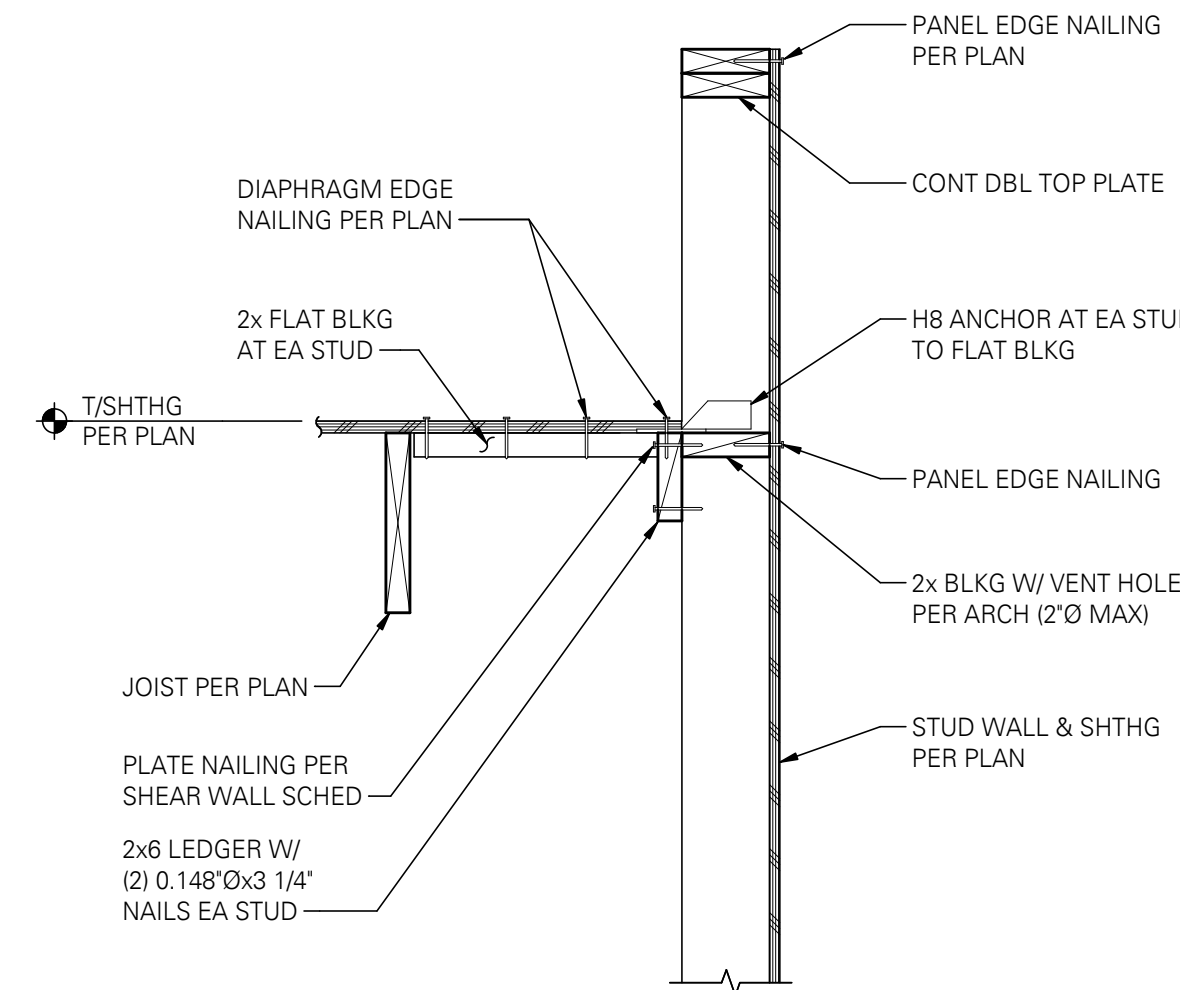
5 INTERIOR WALL PERPENDICULAR TO FLOOR JOISTS

SCALE: 1" = 1'-0" (06031)



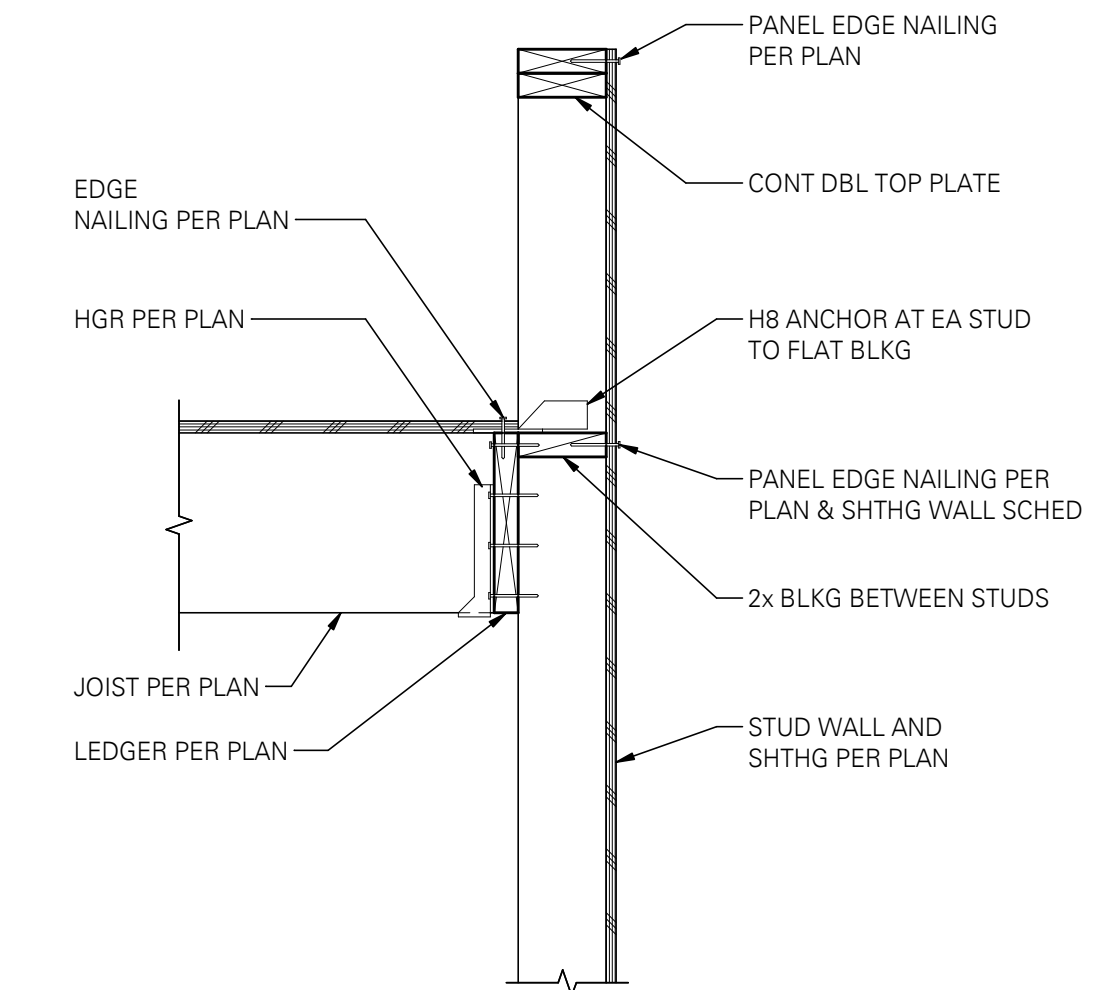
6 FLOOR JOIST TO BALLOON FRAMED WALL

SCALE: 1" = 1'-0" (06062)



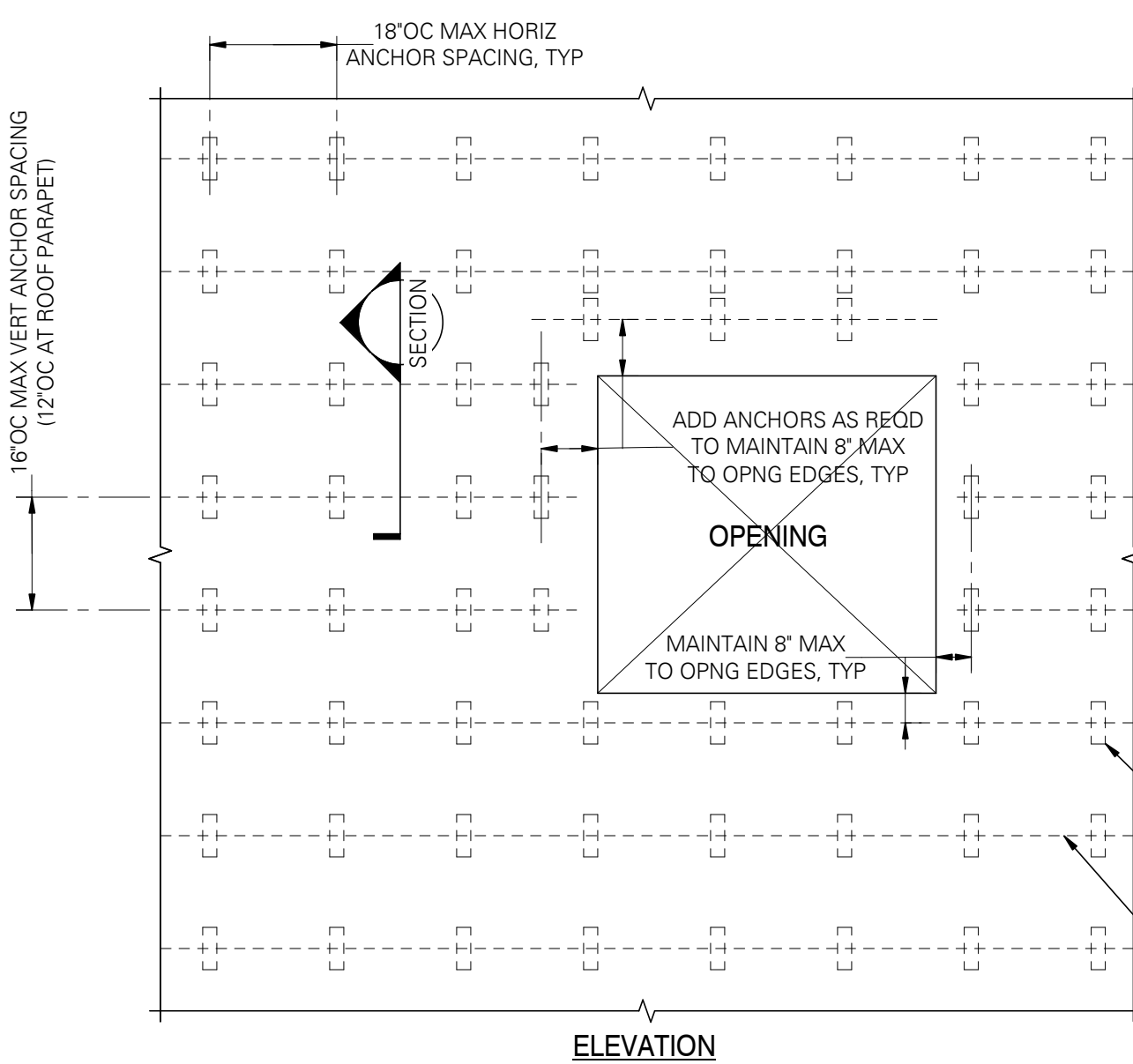
7 PARAPET - EXTERIOR WALL PARALLEL TO JOIST

SCALE: 1" = 1'-0" (06062)



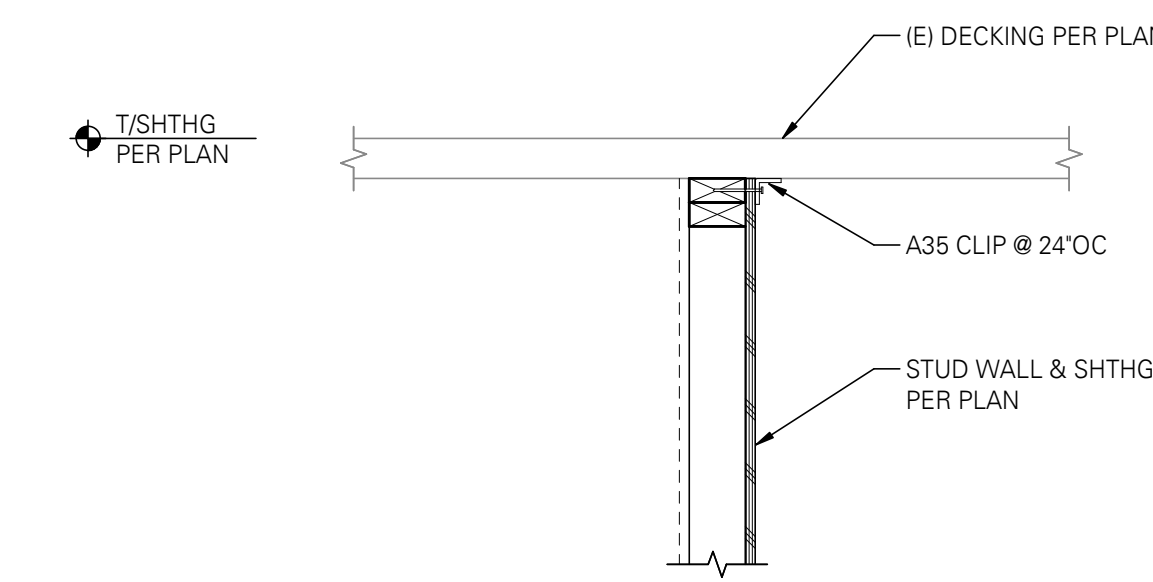
8 PARAPET - EXTERIOR WALL PARALLEL TO JOIST

SCALE: 1" = 1'-0" (06062M)



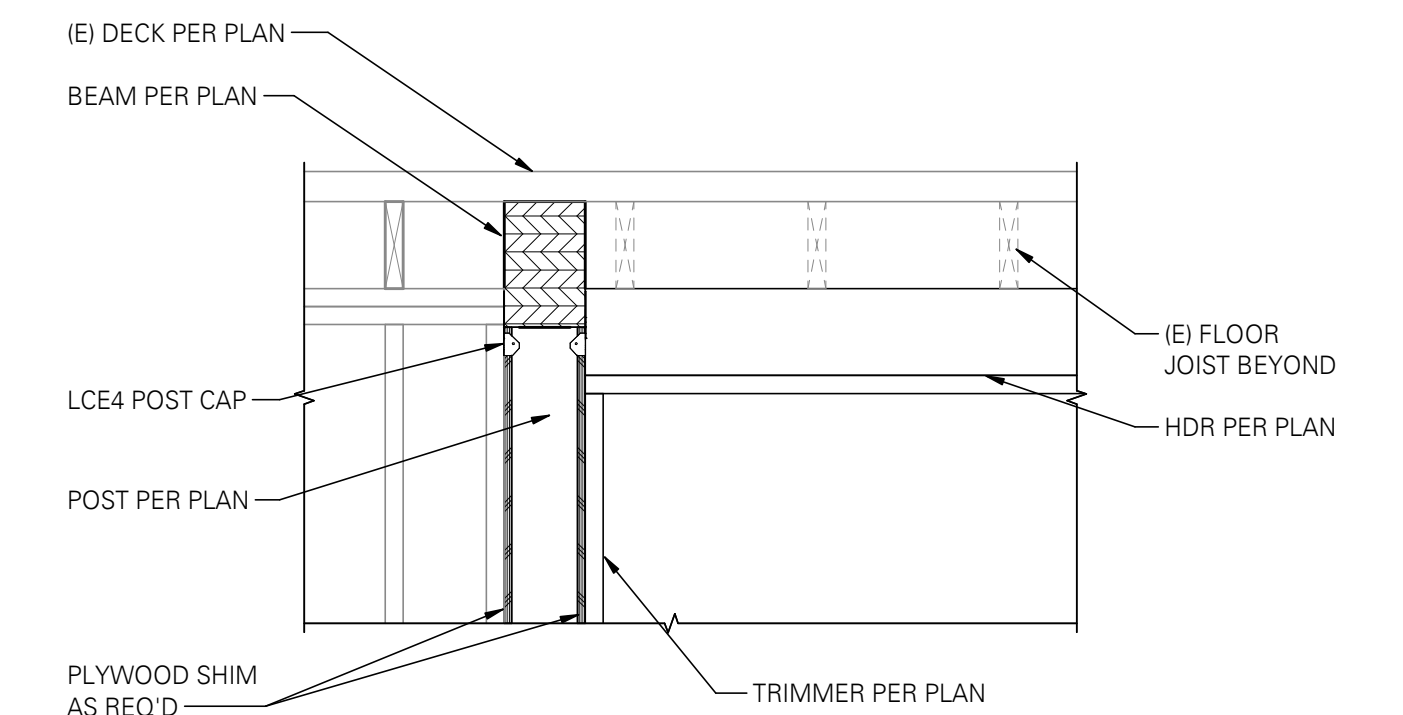
9 TYPICAL BRICK VENEER ANCHORAGE

SCALE: 3/4" = 1'-0" (04800B)



11 INTERIOR WALL PERPENDICULAR TO FLOOR JOIST

SCALE: 1" = 1'-0"



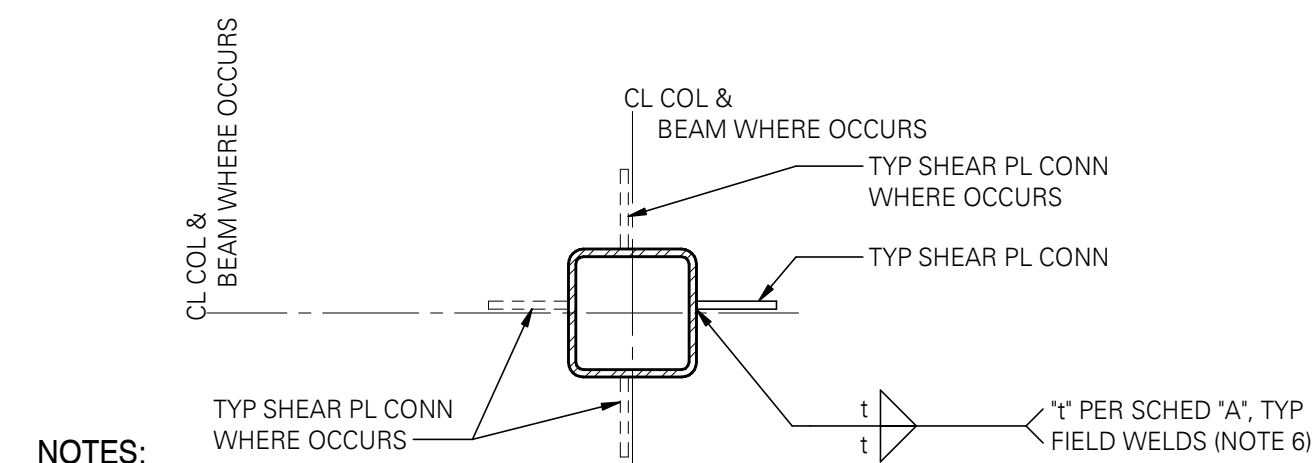
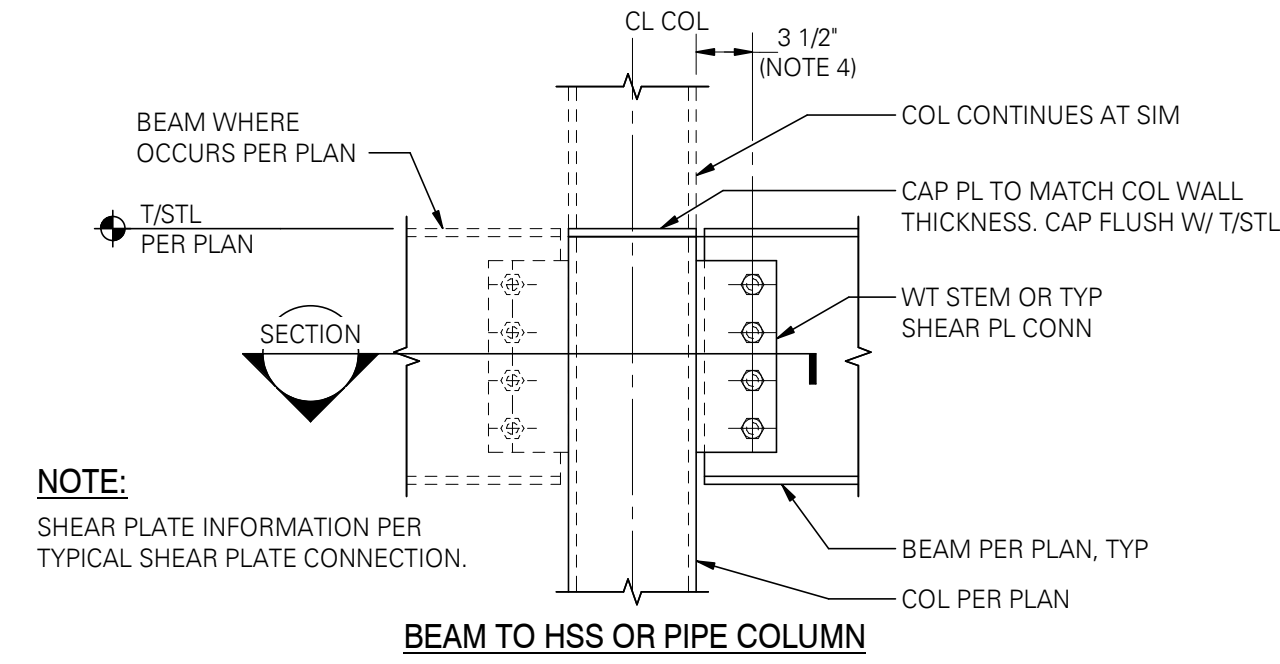
12 BEAM IN EXISTING WALL FRAMING

SCALE: 3/4" = 1'-0"

BOLTED SINGLE SHEAR PLATE CONNECTION - SCHEDULE "A"										
3/4"Ø - A325-N		SINGLE ROW			BEAM F _y =50KSI - CONNECTION PLATE F _y =36KSI					
BEAM SIZE	"N" BOLTS REQUIRED (1)	SHEAR PLATE OR WT STEM THICKNESS	MIN HSS COLUMN WALL THICKNESS (8)	WELD SIZE 1	MAX SINGLE COPE DEPTH (7)	MAX DOUBLE COPE DEPTH (7)	CONNECTION CAPACITY-LRFD (ASD) (3) (KIPS)			
							UNCOPED	COPEd		
							SINGLE	DOUBLE		
C8,C9,C10	2	5/16"	1/4"	1/4"	1 1/4"	NR (9)	21.5 [14.3]	21.5 [14.3]	NR (9)	
W8	2	5/16"	1/4"	1/4"	1 1/4"	NR (9)	21.5 [14.3]	14.7 [9.8]	NR (9)	
W10	2	5/16"	1/4"	1/4"	2 1/2"	1 1/4"	21.5 [14.3]	19.2 [12.8]	16.6 [11.0]	
C12,C15	3	5/16"	1/4"	1/4"	2"	1 1/4"	42.0 [28.0]	42.0 [28.0]	40.9 [27.2]	
W12	3	5/16"	1/4"	1/4"	2"	1 1/4"	41.7 [27.8]	30.8 [20.5]	25.1 [16.7]	
W14	3	5/16"	1/4"	1/4"	2 1/2"	1 1/2"	42.0 [28.0]		EQUAL TO UNCOPEd CAPACITY	
W16	4	5/16"	1/4"	1/4"	2 1/2"	1 1/2"	61.3 [40.9]		EQUAL TO UNCOPEd CAPACITY	
W18	5	5/16"	1/4"	1/4"	2 1/2"	1 1/2"	80.2 [53.5]		EQUAL TO UNCOPEd CAPACITY	
W21	6	5/16"	1/4"	1/4"	2 1/2"	1 1/2"	84.5 [56.4]		EQUAL TO UNCOPEd CAPACITY	
W24	7	5/16"	1/4"	1/4"	2 1/2"	1 1/2"	104.0 [69.3]		EQUAL TO UNCOPEd CAPACITY	
W27	8	5/16"	1/4"	1/4"	2 1/2"	NR (9)	123.1 [82.1]		NR (9)	
W30	8	5/16"	1/4"	1/4"	2 1/2"	NR (9)	123.1 [82.1]		NR (9)	
W33	9	5/16"	1/4"	1/4"	2 1/2"	NR (9)	142.2 [94.8]		NR (9)	
W36	10	5/16"	1/4"	1/4"	2 1/2"	NR (9)	158.3 [105.5]		NR (9)	

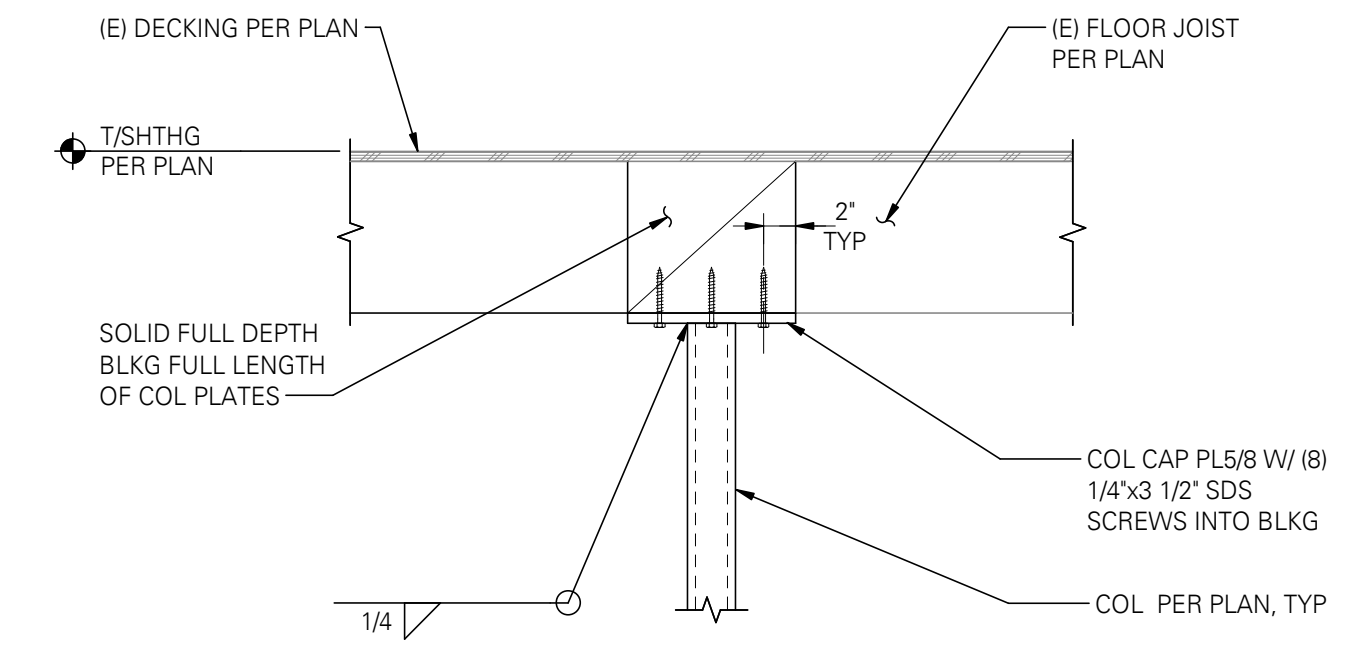
BOLTED SINGLE ROW SHEAR PLATE CONNECTION NOTES:

- PROVIDE EITHER STANDARD OR HORIZONTAL SHORT SLOTTED HOLES AS PERMITTED BY AISC J3.2 IN THE BEAM WEB AND/OR THE SHEAR PLATE.
- WHERE SHORT-SLOTTED HOLES ARE USED, PROVIDE HARDENED WASHERS PER AISC J3.2.
- CAPACITIES BASED ON AISC 15TH EDITION WITH ASTM A325-N BOLTS.
- HORIZONTAL DISTANCE FROM SUPPORT FACE TO CENTERLINE OF BOLT GROUP SHALL BE AS SHOWN IN DETAIL, BUT SHALL NOT EXCEED 3 1/2" IN THE AS-BUILT CONDITION. SUPPORT FACE FOR TEE IS THE INSIDE FACE OF FLANGE.
- GAP BETWEEN BEAM END AND SUPPORT FACE SHALL BE 1/2" EXCEPT FOR "WT" CONNECTORS USED WITH HSS COLUMNS. WHERE "WT" ARE USED AS SHEAR TAB ELEMENTS, THE GAP BETWEEN FACE OF COLUMN AND END OF BEAM SHALL NOT EXCEED THE LESSER OF 1 1/2" OR THE "X" DISTANCE OF THE "WT" PLUS 1/4".
- FIELD FILLET WELDS SHALL BE SIZED TO BE AT LEAST 1/8" LARGER THAN THE WELD SIZE SHOWN IN SCHEDULE "A", UNLESS PROPER FIT-UP IS VERIFIED BY A SPECIAL INSPECTOR PRIOR TO WELDING.
- COPE DEPTHS (SINGLE AND DOUBLE) SHALL NOT EXCEED THE LESSER OF THOSE SHOWN IN SCHEDULE "A"; NOR AS ALLOWED BY BOLT HOLE SPACING AND MINIMUM EDGE DISTANCE REQUIREMENTS. COPE LENGTHS (SINGLE AND DOUBLE) SHALL NOT EXCEED 6 1/2". (WHERE COPE LENGTH EXCEEDS 6 1/2", PROVIDE WEB STIFFENERS PER [05218]).
- UNCOPEd CAPACITIES OF WT CONNECTIONS ARE VALID WITH MINIMUM NOMINAL HSS COLUMN WALL TABULATED THICKNESS. THE EFFECTIVE THROAT OF FLARE BEVEL GROOVE WELDS IS BASED ON OUTSIDE RADIUS OF HSS, AND IS TAKEN AS 5/8 TIMES THE HSS WALL THICKNESS BASED ON AWS D1.1, TABLE 2.1. WHEN 3/4" DIAMETER A325-N BOLTS ARE USED, A 3/16" HSS COLUMN WALL THICKNESS IS PERMITTED WITH A 20% REDUCTION OF THE WT CONNECTION CAPACITY.
- NR = NOT RECOMMENDED. DOUBLE COPES FOR THESE BEAMS ARE RESTRICTED BY CONNECTION GEOMETRY AND/OR LARGE REDUCTIONS IN SHEAR CAPACITY. DOUBLE COPES ARE POSSIBLE, BUT CAPACITIES MUST BE CALCULATED FOR SPECIFIC BEAM AND GIRDER GEOMETRIES AND MUST BE DETAILED SEPARATELY.



- NOTES:**
- ADDITIONAL INFORMATION PER TYPICAL SECTION, REFERENCE SCHEDULE "A" FOR CAPACITIES.
 - SINGLE PLATE SHEAR TAB CONNECTIONS ARE VALID FOR ALL SQUARE AND RECTANGLE HSS COLUMNS WITH MINIMUM WALL THICKNESS NOTED IN SCHEDULE "A" EXCEPT:
 - HSS9x_x1/4
 - HSS10x_x1/4
 - HSS12x_x1/4
 - HSS12x_x5/16
 - ALL HSS LARGER THAN 14x
 - FOR COLUMNS THAT DO NOT MEET THE SIZE REQUIREMENTS OF NOTE 2, USE ALTERNATE SECTION DETAIL BELOW.

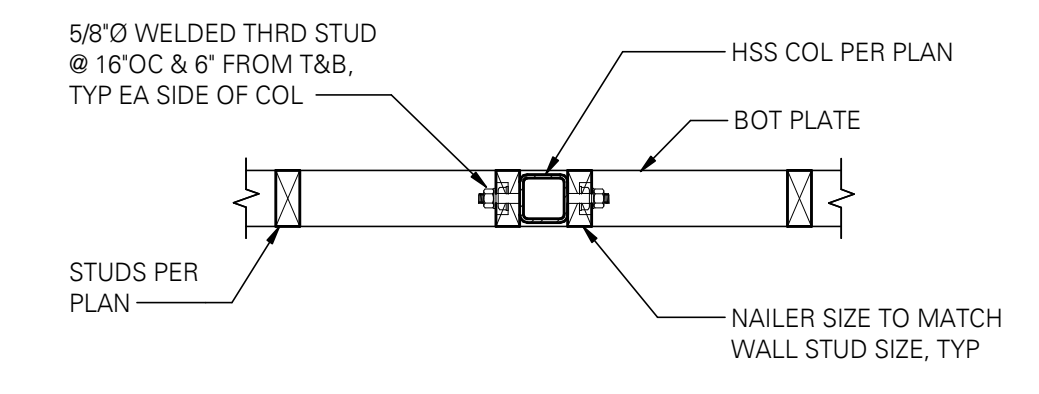
TYPICAL SECTION AT HSS COLUMN



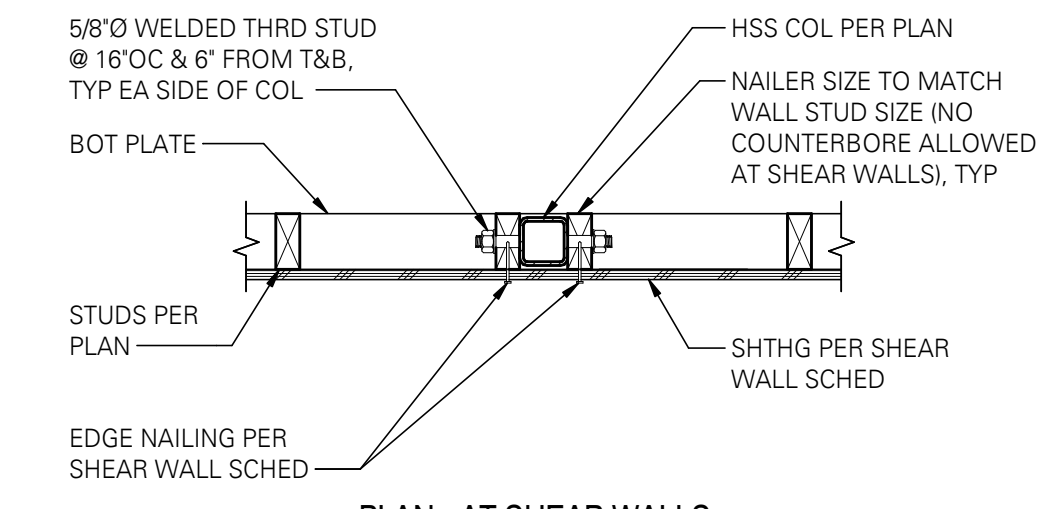
JOISTS PARALLEL TO STUD WALL

- NOTE:**
STEEL BEAM NOT SHOWN FOR CLARITY. ATTACHMENT PER 5/S-503

4 STEEL COLUMN AT FLOOR FRAMING
SCALE: 1" = 1'-0" (06920)



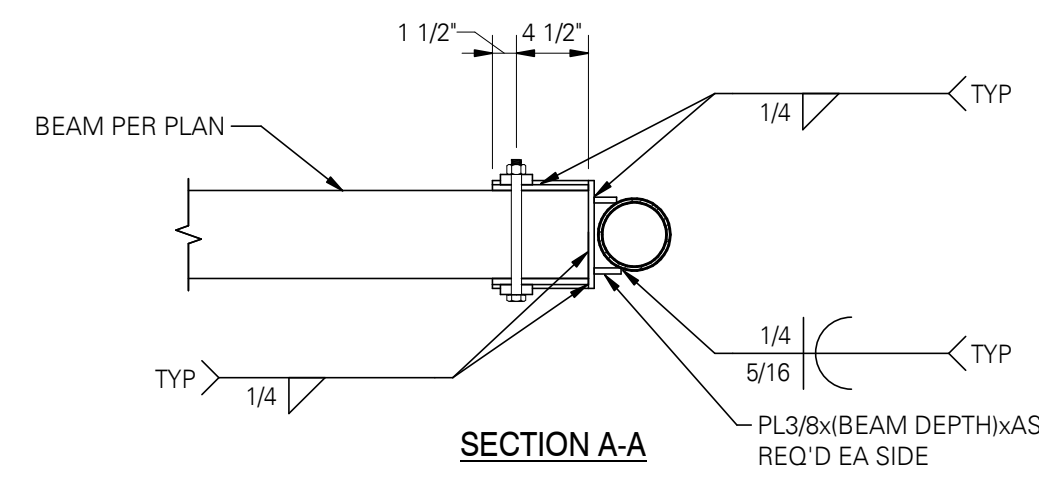
PLAN - AT NON-SHEAR WALLS



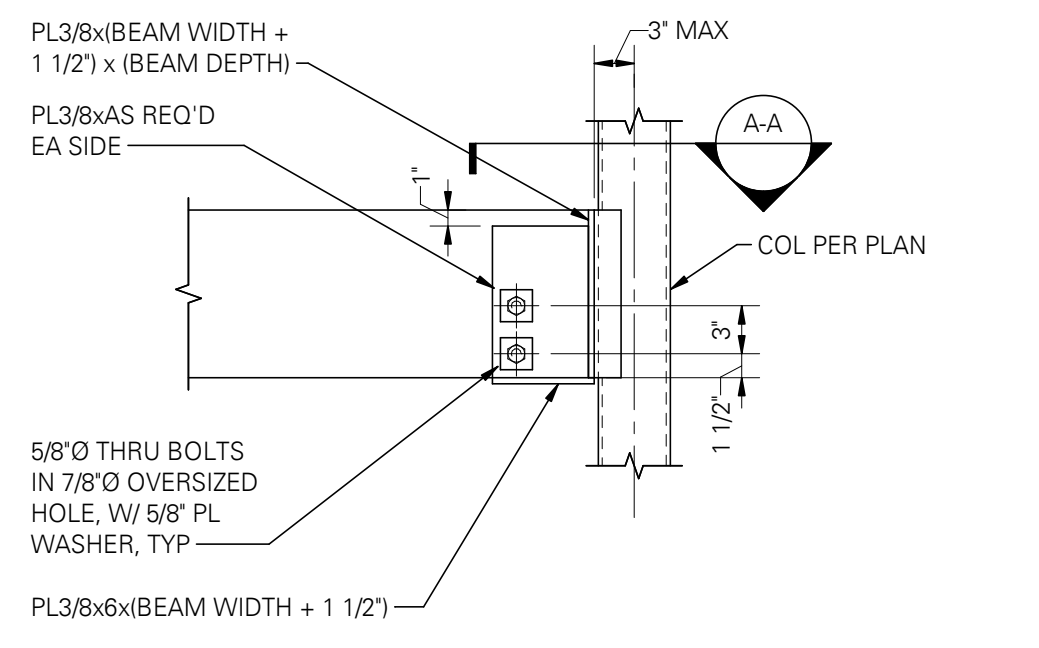
PLAN - AT SHEAR WALLS

- NOTE:**
ALL WELDED THREAD STUDS SHALL HAVE NUTS AND WASHERS.

8 TYPICAL NAILER DETAILS AT STEEL COLUMNS
SCALE: 1" = 1'-0" (06909A)

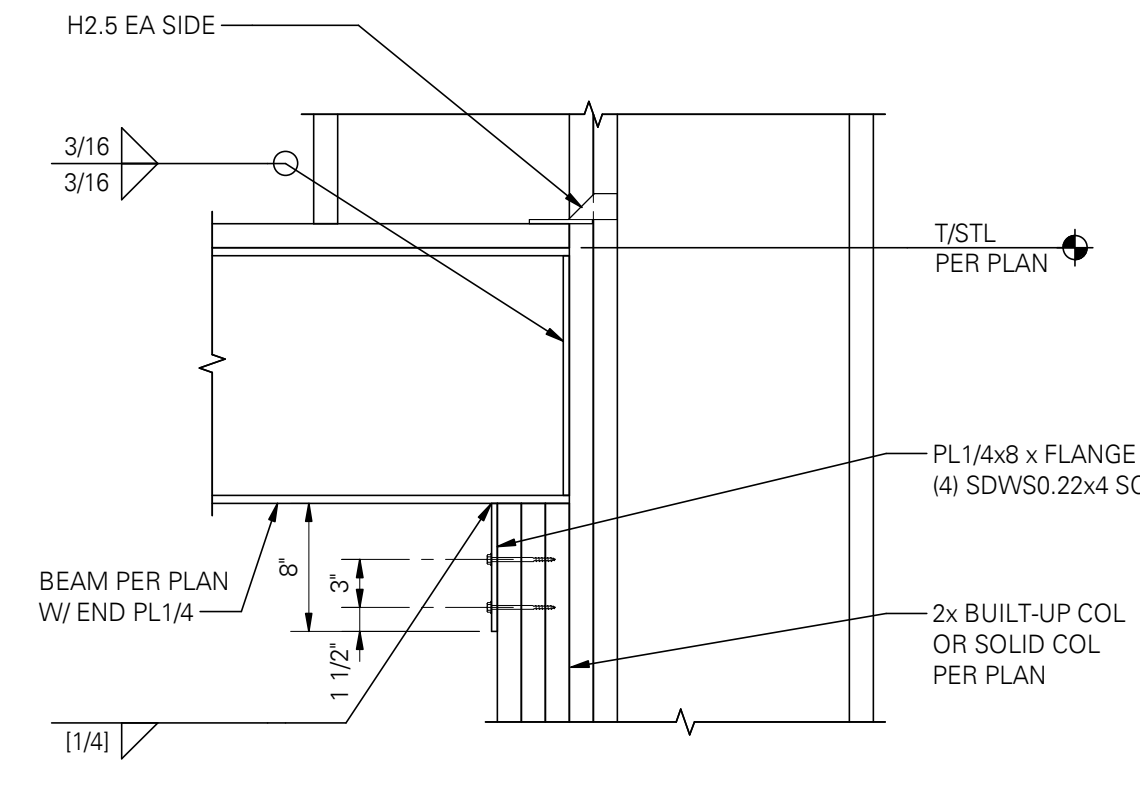


SECTION A-A

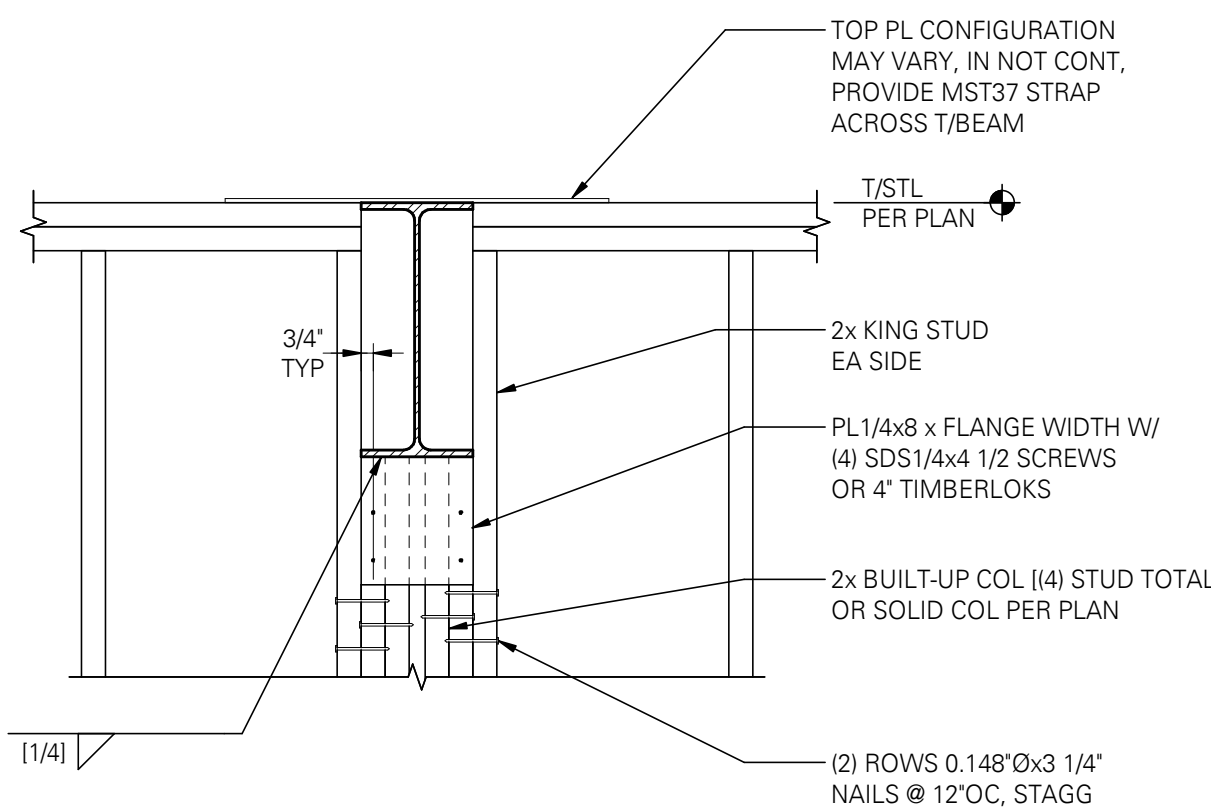


12 FACE MOUNTED BRCKT CONN TO ROUND COL
SCALE: 1" = 1'-0"

5 SINGLE SHEAR PLATE (SINGLE ROW) CONNECTIONS
SCALE: 1" = 1'-0" (05201)



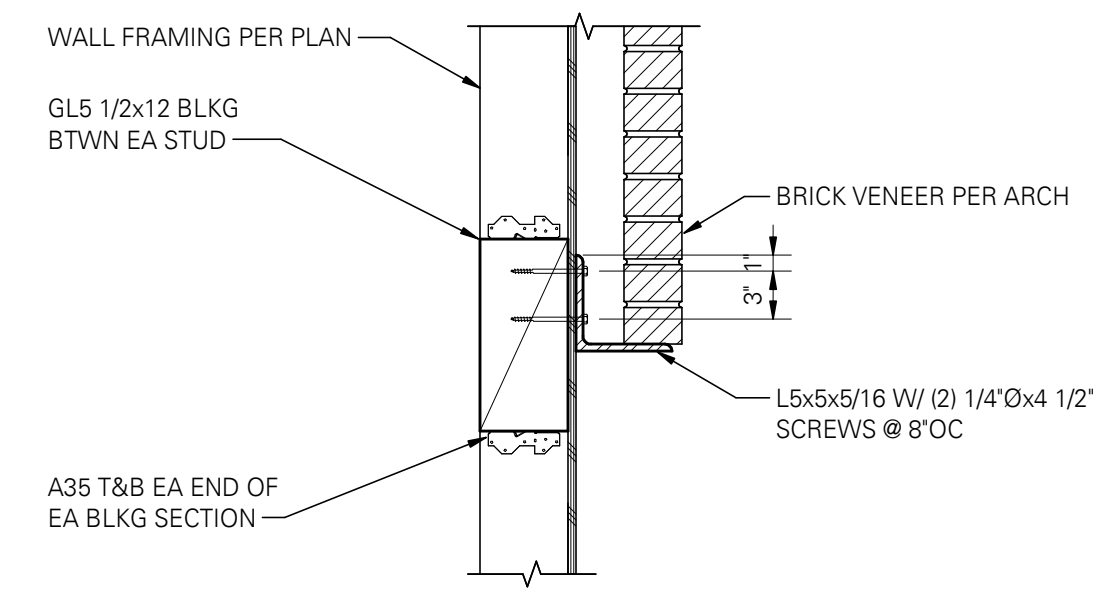
STEEL BEAM PARALLEL TO STUD WALL



STEEL BEAM PERPENDICULAR TO STUD WALL

9 TYPICAL STEEL BEAM AT STUD WALL
SCALE: 1" = 1'-0" (06208A)

11 LEDGER AT SOUTH PROPERTY LINE WALL
SCALE: 1" = 1'-0"



SCHEMATIC DESIGN

REVISIONS:		
#	DATE	DESCRIPTION

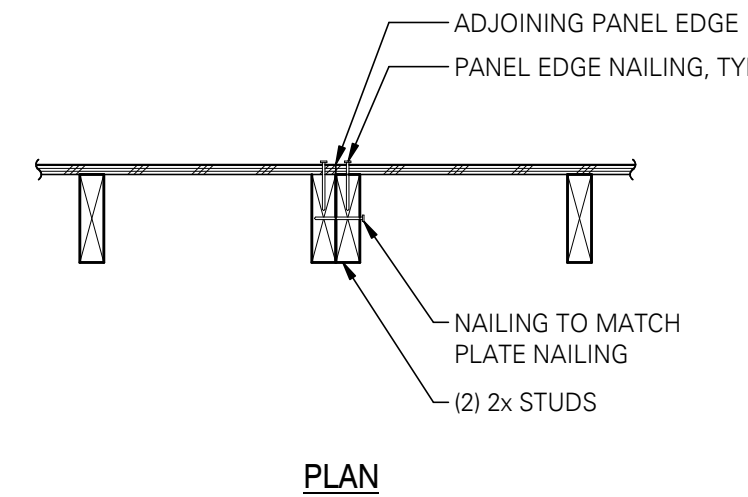
DATE: JULY 2023

SHEET TITLE:
STRUCTURAL - FRAMING DETAILS

WALL TYPE	WALL SHEATHING APA-RATED (1, 2, 12)	NAIL SIZE & SPACING AT ALL PANEL EDGES (4, 5)	BLOCKING & STUD SIZE AT ADJOINING PANEL EDGES (3, 6, 13)	RIM JOIST OR BLOCKING CONN TO TOP PLATE BELOW (7, 8)	2x PLATE ATTACHMENT		SILL PLATE ATTACHMENT		SHEAR CAPACITY LBS/FT
					NAILING TO WOOD RIM JOIST OR BLOCKING BELOW	ANCHOR BOLT TO CONCRETE BELOW (10)	SILL PLATE AT FOUNDATION (11)		
W6	15/32"	0.148"Øx2 1/2" @ 6"OC	2x	CLIP @ 16"OC	0.148"Øx3 1/4" @ 6"OC	5/8"Ø @ 48"OC	2x	310	
W4	15/32"	0.148"Øx2 1/2" @ 4"OC STAGGERED	3x	CLIP @ 12"OC	0.148"Øx3 1/4" @ 4"OC	5/8"Ø @ 32"OC 5/8"Ø @ 48"OC	2x 3x (15)	460	
W3	15/32"	0.148"Øx2 1/2" @ 3"OC STAGGERED	3x	CLIP @ 16"OC EACH SIDE	0.148"Øx3 1/4" @ 6"OC (2) ROWS (9)	5/8"Ø @ 24"OC 5/8"Ø @ 32"OC	2x 3x (15)	600	

NOTES:

- [1] INSTALL PANELS EITHER HORIZONTALLY OR VERTICALLY.
- [2] WHERE SHEATHING IS APPLIED ON BOTH SIDES OF WALL, PANEL EDGE JOINTS ON 2x FRAMING SHALL BE STAGGERED SO THAT JOINTS ON THE OPPOSITE SIDES ARE NOT LOCATED ON THE SAME STUD.
- [3] BLOCKING IS REQUIRED AT ALL PANEL EDGES.
- [4] PROVIDE SHEAR WALL SHEATHING AND NAILING FOR THE ENTIRE LENGTH OF THE WALLS INDICATED ON THE PLANS. ENDS OF FULL HEIGHT WALLS ARE DESIGNATED BY WINDOWS OR DOORWAYS OR AS DESIGNATED ON PLANS. HOLD-DOWN REQUIREMENTS PER PLANS. (ALTERNATE NOTE: WALLS SHOWN WITH HORIZONTAL STRAPS BELOW AND/OR ABOVE OPENINGS REQUIRE SHEATHING, SHEAR WALL NAILING, ETC ABOVE AND BELOW ALL OPENINGS).
- [5] SHEATHING EDGE NAILING IS REQUIRED AT ALL HOLD-DOWN POSTS. EDGE NAILING MAY ALSO BE REQUIRED TO EACH STUD USED IN BUILT-UP HOLD-DOWN POSTS. ADDITIONAL INFORMATION PER HOLD-DOWN DETAILS.
- [6] INTERMEDIATE FRAMING TO BE 2x MINIMUM MEMBERS. ATTACH SHEATHING TO INTERMEDIATE FRAMING WITH 0.148"Øx2 1/2" NAILS AT 12"OC WHERE STUDS ARE SPACED AT 16"OC AND 0.148"Øx2 1/2" NAILS AT 6"OC WHERE STUDS ARE SPACED AT 24"OC.
- [7] BASED ON 0.131"Øx1 1/2" NAILS USED TO ATTACH FRAMING CLIPS DIRECTLY TO FRAMING. USE 0.131"Øx2 1/2" NAILS WHERE INSTALLED OVER SHEATHING.
- [8] FRAMING CLIPS: A35 OR LTP5 OR APPROVED EQUIVALENT.
- [9] WHERE BOTTOM PLATE ATTACHMENT SPECIFIES (2) ROWS OF NAILS OR SCREWS, PROVIDE DOUBLE JOIST, RIM JOIST OR EQUAL BELOW. STAGGER NAILS/SCREWS IN ROWS 1 1/2" APART MINIMUM.
- [10] ANCHOR BOLTS SHALL BE PROVIDED WITH HOT-DIPPED GALVANIZED STEEL PLATE WASHERS 0.229"x3"x3" MINIMUM. THE HOLE IN THE PLATE WASHER MAY BE DIAGONALLY SLOTTED 13/16"x1 3/4" PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND NUT. PLATE WASHER TO EXTEND TO WITHIN 1/2" OF THE EDGE OF THE SILL PLATE ON THE SIDE(S) WITH SHEATHING. AT 2x6 WALLS WITH SHEATHING ON BOTH SIDES USE PLATE WASHER 0.229"x4 1/2"x4 1/2" MINIMUM. EMBED ANCHOR BOLTS 7" MINIMUM INTO THE CONCRETE.
- [11] PRESSURE TREATED MATERIAL CAN CAUSE EXCESSIVE CORROSION IN THE FASTENERS. PROVIDE HOT-DIPPED GALVANIZED (ELECTRO-PLATING IS NOT ACCEPTABLE) NAILS AND CONNECTOR PLATES (FRAMING ANGLES, ETC) FOR ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED FRAMING MEMBERS. ADDITIONAL INFORMATION PER STRUCTURAL GENERAL NOTES.
- [12] WHERE WOOD SHEATHING (W) IS APPLIED OVER GYPSUM SHEATHING (G), CONTACT THE ENGINEER OF RECORD FOR ALTERNATE NAILING REQUIREMENTS.
- [13] AT ADJOINING PANEL EDGES, (2) 2x STUDS NAILED TOGETHER MAY BE USED IN PLACE OF SINGLE 3x STUD. DOUBLE 2x STUDS SHALL BE CONNECTED TOGETHER BY NAILING THE STUDS TOGETHER WITH 3" LONG NAILS OF THE SAME SPACING AND DIAMETER AS THE PLATE NAILING, PER SECTION.
- [14] CONTACT THE STRUCTURAL ENGINEER OF RECORD FOR ADHESIVE OR EXPANSION BOLT ALTERNATIVES TO CAST-IN-PLACE ANCHOR BOLTS. SPECIAL INSPECTION MAY BE REQUIRED.
- [15] NAIL STUDS TO 3x SILL PLATES WITH EITHER (2) 0.148"Øx4" END NAILS OR (4) 0.131"Øx2 1/2" TOENAILS.
- [16] **WX** WHERE "W" INDICATES WOOD SHEATHING AND "X" INDICATES EDGE NAIL SPACING.
- [17] EDGE NAILS SHALL BE LOCATED 3/8" FROM PANEL EDGES.



5 SHEAR WALL SCHEDULE - DOUG-FIR LARCH
SCALE: 1" = 1'-0" (01430A)

DCI PROJECT NO.: 23031-0024
COQUILLE PUBLIC LIBRARY RENOVATION
259 NORTH ADAMS STREET
COQUILLE, OREGON 97423

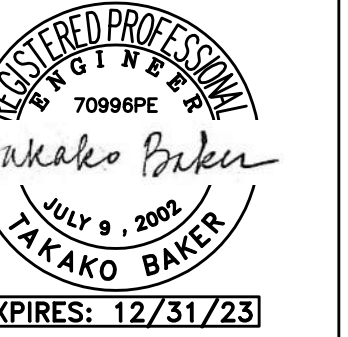
SCHEMATIC DESIGN

REVISIONS:		
#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
STRUCTURAL - FRAMING DETAILS

S-504



PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

REVISIONS:

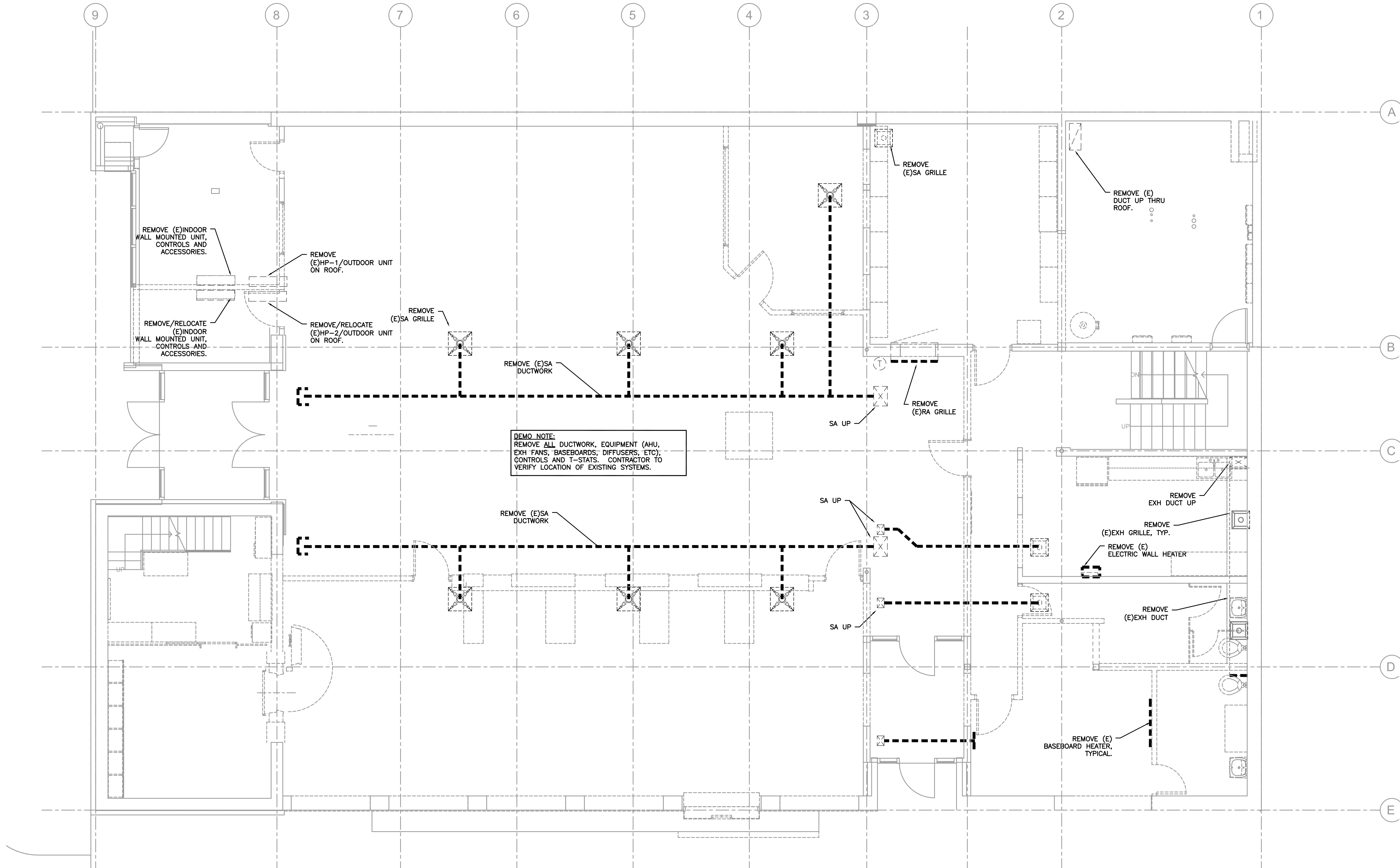
#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
MECHANICAL DEMO PLAN - 1ST FLOOR

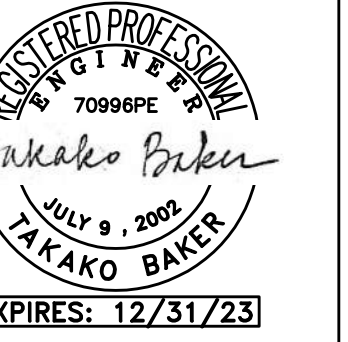
M-101

Copyright © 2022
HGE ARCHITECTS.



1 MECHANICAL DEMO PLAN - 1ST FLOOR
SCALE: 1/4" = 1'-0"

MPIA Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MPIA-ENG.COM
CONTACT: TAKAKO BAKER



PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

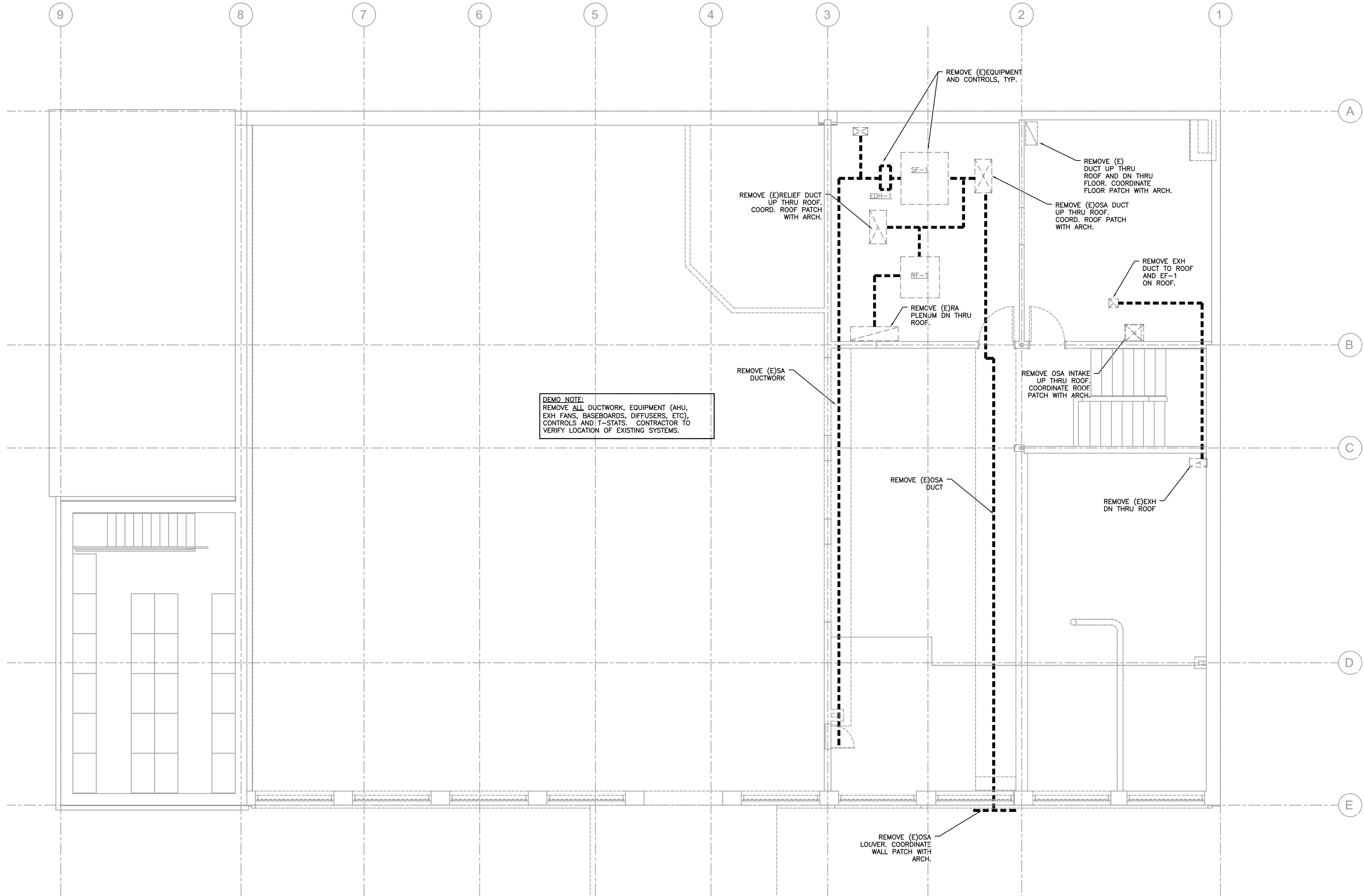
REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023

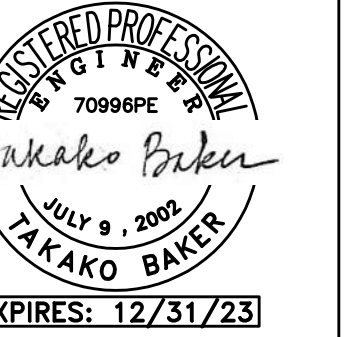
SHEET TITLE:
MECHANICAL DEMO PLAN - 2ND FLOOR

M-102

Copyright © 2022
HGE ARCHITECTS



1 MECHANICAL DEMO PLAN - 1ND FLOOR
M-102 SCALE: 1/4" = 1'-0"



PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

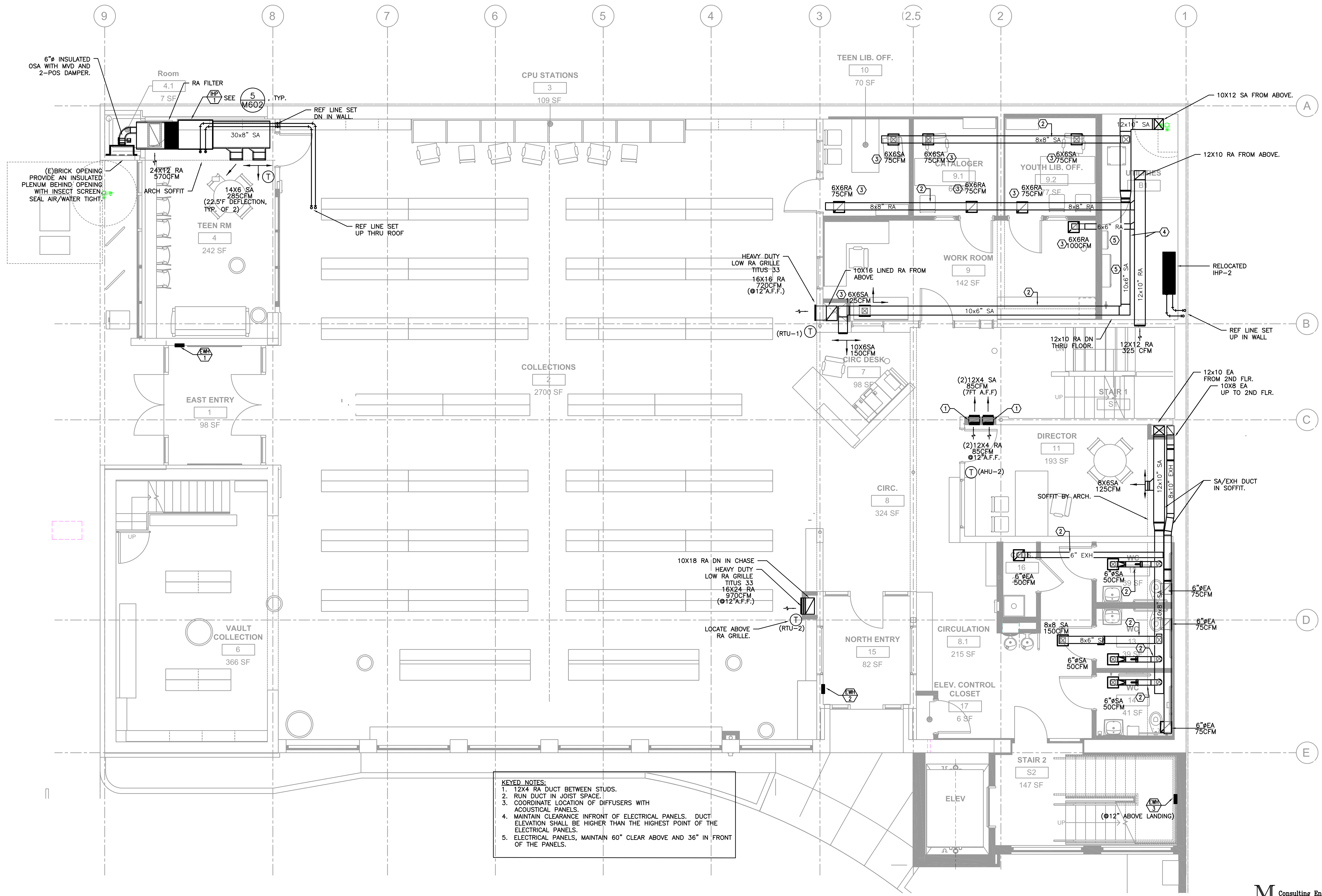
DATE: JULY 2023

SHEET TITLE:
MECHANICAL
1st FLOOR PLAN

M-201

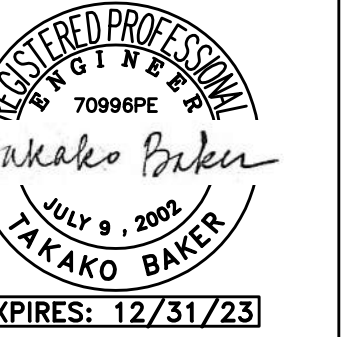
Copyright © 2022
HGE ARCHITECTS

MFA Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PH: (503) 234-0548
FAX: (503) 234-0877
INC. WWW.MFA-ENG.COM
CONTACT: TAKAKO BAKER



KEYED NOTES:
1. 12X4 RA DUCT BETWEEN STUDS.
2. RUN DUCT IN JOIST SPACE.
3. COORDINATE LOCATION OF DIFFUSERS WITH ACOUSTICAL PANELS.
4. MAINTAIN CLEARANCE IN FRONT OF ELECTRICAL PANELS. DUCT ELEVATION SHALL BE HIGHER THAN THE HIGHEST POINT OF THE ELECTRICAL PANELS.
5. ELECTRICAL PANELS, MAINTAIN 60" CLEAR ABOVE AND 36" IN FRONT OF THE PANELS.

1 1ST FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



CONSTRUCTION

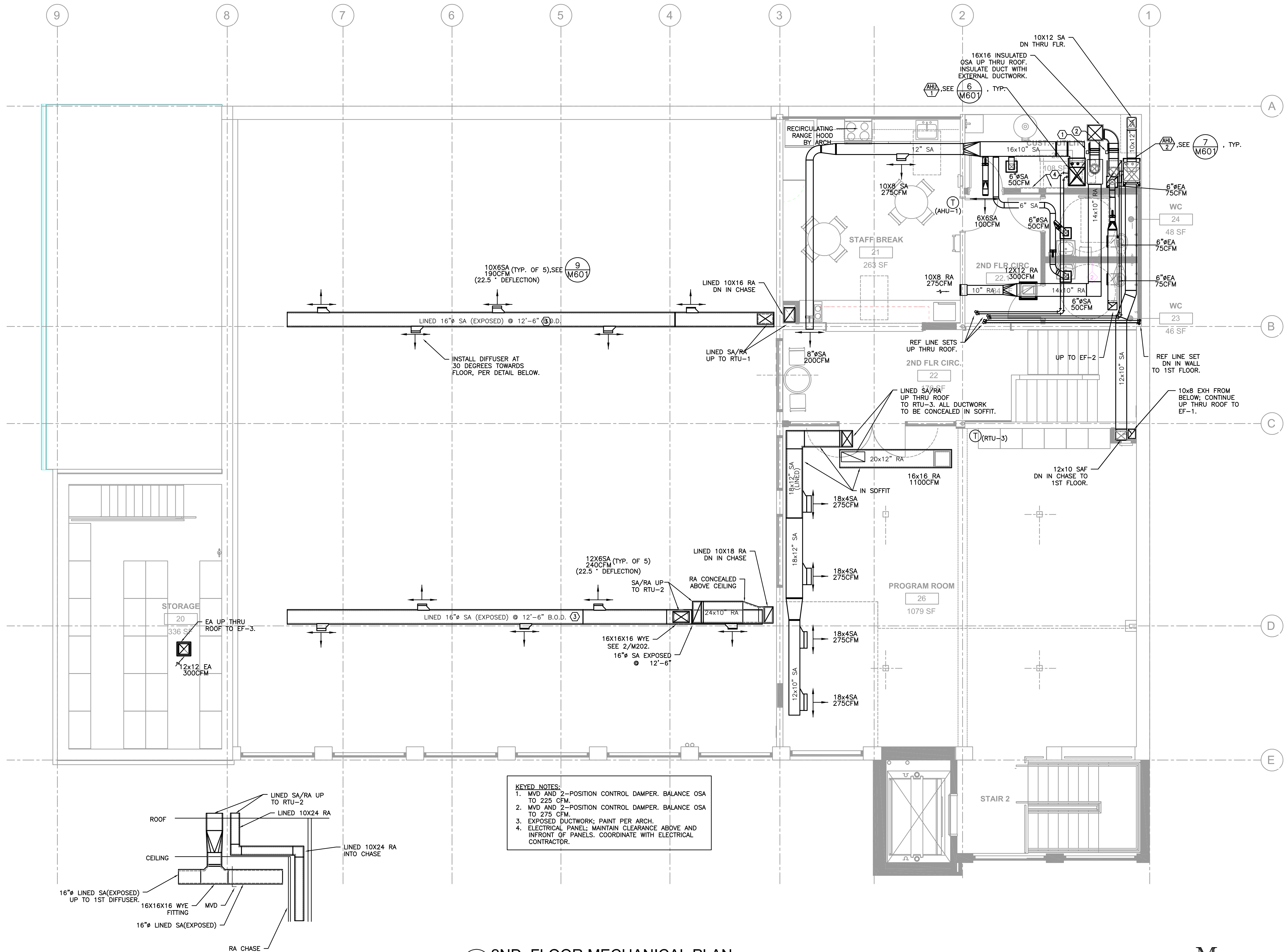
REVISIONS:
DATE DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
**MECHANICAL
2ND FLOOR PLAN**

M-202

Copyright © 2022
HGE ARCHITECTS

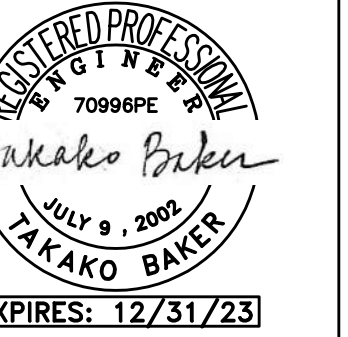


KEYED NOTES:
1. MVD AND 2-POSITION CONTROL DAMPER. BALANCE OSA TO 225 CFM.
2. MVD AND 2-POSITION CONTROL DAMPER. BALANCE OSA TO 275 CFM.
3. EXPOSED DUCTWORK; PAINT PER ARCH.
4. ELECTRICAL PANEL; MAINTAIN CLEARANCE ABOVE AND IN FRONT OF PANELS. COORDINATE WITH ELECTRICAL CONTRACTOR.

2 RTU-2 DUCT DETAIL
SCALE: 1/4" = 1'-0"

1 2ND FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

M Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
INC. WWW.MPIA-ENG.COM
CONTACT: TAKAKO BAKER



COQUILLE PUBLIC LIBRARY RENOVATION

PROJECT NO.: 22.37

295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

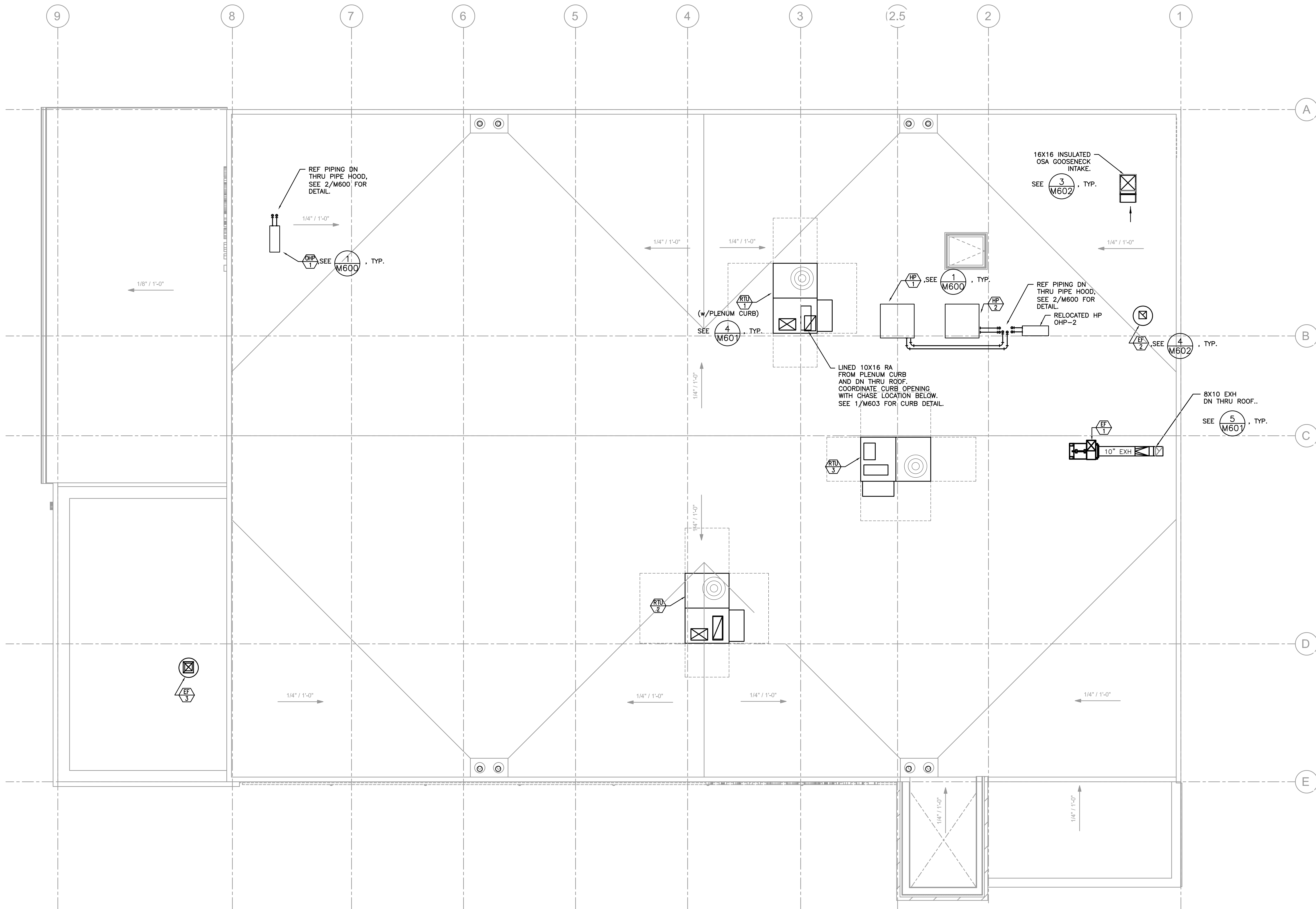
REVISIONS:		
#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
**MECHANICAL
ROOF PLAN**

M-203

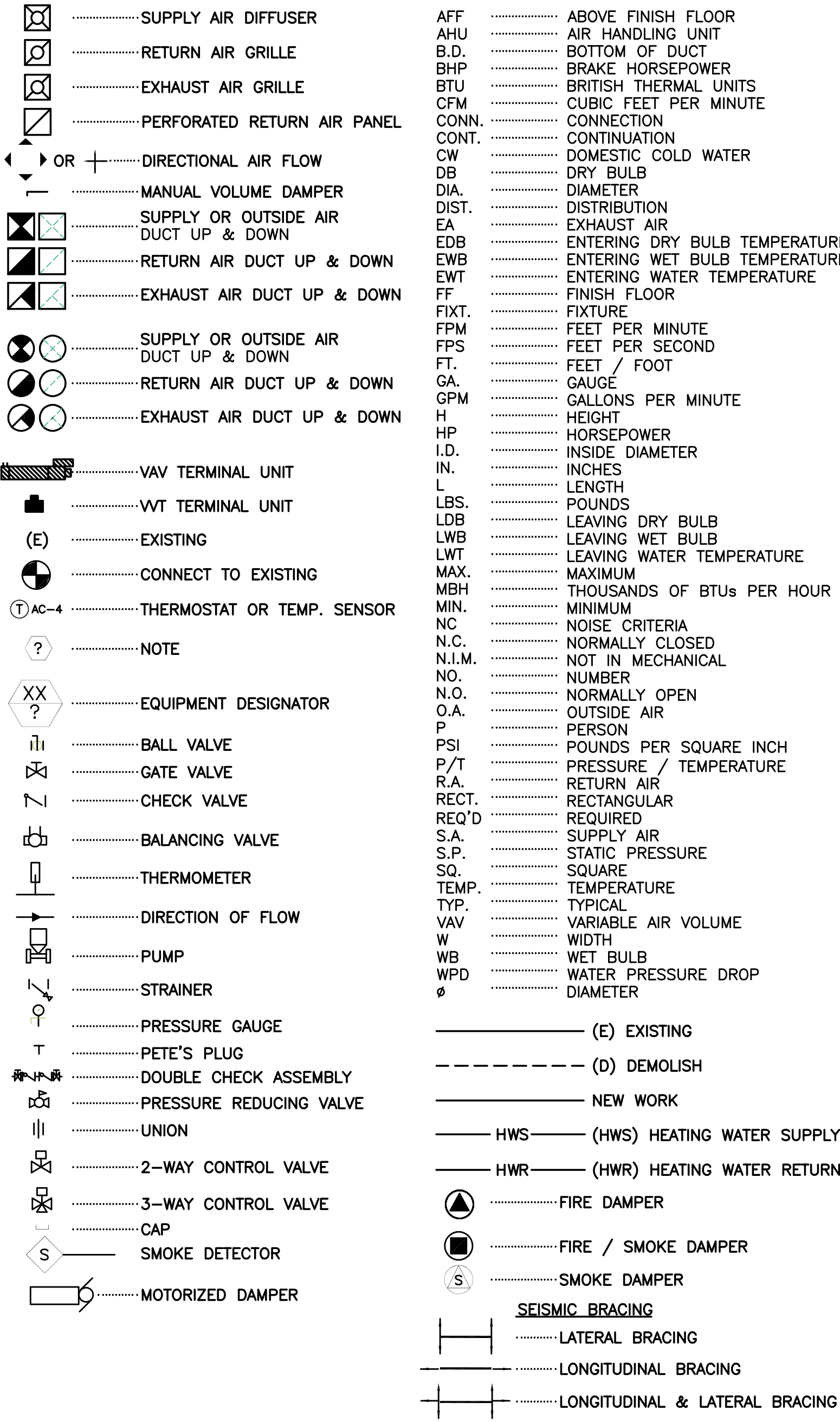
Copyright © 2022
HGE ARCHITECTS



1 MECHANICAL ROOF PLAN
M-203 SCALE: 1/4" = 1'-0"

MPIA Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
INC. WWW.MPIA-ENG.COM
CONTACT: TAKAKO BAKER

MECHANICAL LEGEND



MECHANICAL GENERAL NOTES

- A. THE DRAWINGS ARE DIAGRAMMATIC. PROVIDE ALL MATERIAL (NEW AND UNDATED) AND LABOR FOR A COMPLETE AND OPERABLE SYSTEM. VERIFY ALL BUILDING MEASUREMENTS DIMENSIONS AND EQUIPMENT LOCATIONS BEFORE PROCEEDING WITH ANY OF THE WORK.
- B. REFER TO THE MECHANICAL SPECIFICATIONS FOR MATERIALS, EQUIPMENT, AND ADDITIONAL CONSTRUCTION INSTRUCTIONS NOT COVERED BY THESE PLANS.
- C. ALL INSTALLATIONS SHALL COMPLY WITH APPLICABLE FEDERAL AND STATE CODES INCLUDING, 2022 OREGON STRUCTURAL SPECIALTY CODE (OSSC) INCLUDING APPENDIX N FOR OREGON FIRE CODE REGULATIONS, 2021 OREGON PLUMBING SPECIALTY CODE (OPSC), 2022 OREGON MECHANICAL SPECIALTY CODE (OMSC), 2021 OREGON ENERGY EFFICIENCY SPECIALTY CODE (OEESC), ASHRAE STANDARD 170-2021 AND NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), WHERE TWO CODES DIFFER THE MORE STRICT OF THE TWO SHALL BE FOLLOWED.
- D. OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES HAVING JURISDICTION. SUBMIT ALL CERTIFICATES PRIOR TO ACCEPTANCE.
- E. COORDINATE WITH OTHER CRAFTS AS REQUIRED TO COMPLETE WORK IN ACCORDANCE WITH CONSTRUCTION SCHEDULE.
- F. PROVIDE OWNER INSTRUCTION BY QUALIFIED PERSONNEL ON EQUIPMENT AND SYSTEMS AT OWNER'S REQUEST.
- G. AIR BALANCE DIFFUSERS AND GRILLES TO THE CFM INDICATED ON FLOOR PLANS. SEE SPECS FOR REQUIREMENTS. TESTING AND BALANCING SHALL BE IN ACCORDANCE WITH OWNER GUIDELINES. SUBMIT TAB REPORT FOR ENGINEER'S REVIEW AND APPROVAL.
- H. PROVIDE MANUAL BALANCING DAMPERS ON BRANCH DUCTS SERVING DIFFUSERS AND GRILLES.
- I. INSULATE SUPPLY AIR, OUTSIDE AIR AND RETURN AIR DUCTWORK OR INTERNALLY LINE SUPPLY AIR AND RETURN AIR DUCTWORK AS SHOWN ON PLANS AND PER MECHANICAL SPECIFICATIONS.
- J. MANUFACTURERS AND MODEL NUMBERS LISTED IN THE EQUIPMENT SCHEDULES ARE THE BASIS OF DESIGN.
- K. CUT WALLS FOR PROPER EQUIPMENT, DUCT OR PIPE INSTALLATION. FILL HOLES WHICH ARE CUT OVERSIZED FOR A TIGHT FIT AROUND OBJECTS PASSING THROUGH. PATCH AND SEAL FINISHES TO MATCH NEW OR EXISTING FINISHES.
- L. INSTALL LABELS ON ALL MECHANICAL EQUIPMENT.
- M. CONTROLS AND WIRING SHALL MEET ALL ELECTRICAL REQUIREMENTS OF APPLICABLE ELECTRICAL SPECIFICATIONS AND REQUIREMENTS OF OWNER, BUILDING OFFICIALS AND EQUIPMENT SUPPLIERS OF EQUIPMENT INSTALLED ON PROJECT.
- N. ELECTRIC MOTORS SHALL HAVE BUILT-IN THERMAL OVERLOAD PROTECTION OR BE PROTECTED EXTERNALLY WITH SEPARATE THERMAL OVERLOAD DEVICES, WITH LOW-VOLTAGE RELEASE OR LOCK OUT AS REQUIRED.
- O. ALL NEW EQUIPMENT, PIPING, CONDUIT, AND DUCTWORK SHALL BE INSTALLED PER CURRENT OREGON SEISMIC CODE REQUIREMENTS.
- P. PROVIDE LOW LEAK AUTOMATIC DAMPERS ON OUTSIDE AIR, EXHAUST AIR AND RELIEF AIR CONTROL DAMPERS WHERE THESE ARE INDICATED.
- V. PROVIDE STAFF TRAINING, OPERATION AND MAINTENANCE MANUALS AND RECORD DRAWINGS IN ACCORDANCE WITH SPECS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

ROOF TOP UNIT SCHEDULE

MARK NUMBER	RTU 1	RTU 2	RTU 3	NOTES
TYPE				
S CFM	950	1200	1100	
U MIN. OSA (CFM) (MIN. OCCUPANCY)	100	100	100	
P MAX OSA (CFM) (FULL OCCUPANCY)	232	232	335	
F BHP	1"	1"	1"	
A N	0.48	0.78	0.56	
POWER EXH CFM	950 CFM	1200 CFM	1100 CFM	
EXT. STATIC PRESS. (IN. WC)	0.5"	0.5"	0.5"	
MOTOR HP	1/2 HP	1/2 HP	1/2 HP	
POWER	208/3	208/3	208/3	3
C EAT (DB/WB)	72.5/62.3	73.1/62.3	71.9/63	
O LAT (DB/WB)	51.3/50.5	51.3/50.1	53.4/52.6	
O SENSIBLE (MBH)	21.8	22.4	21	
L TOTAL (MBH)	30	31.7	33	
STAGES	2	2	2	
H EAT (DB)	65	65	65	
E LAT (DB)	97.1	97.1	97.1	
A AMBIENT CONDITION	47 F	47 F	47	
T HEATING CAPACITY (MBH)	32.9	32.9	33.6	
AUX HEAT (KW)	4.9	4.9	4.9	
SEER/HSPF	16.2/8.8	16.2/8.8	16.2/8.8	
VOLTAGE/PH	208/3	208/3	208/3	
MCA/MOP	24/30	24/30	24/30	
FILTER TYPE	MERV 8	MERV 8	MERV 8	
SMOKE DETECTOR	NO	NO	NO	
ECONOMIZER/CO2 CONTROL	YES	YES	YES	2
OPERATING WEIGHT (LBS)	660	660	660	
BASIS OF DESIGN: CARRIER	50GCM04	50GCM04	50GCM04	1
CURB	STANDARD	PLENUM	STANDARD	

NOTES:
1. PROVIDE WITH 14" CURB WITH PLENUM RETURN
2. FIELD INSTALL CO2 SENSOR IN RA DUCT
3. POWER EXHAUST REQUIRES SEPARATE POWER CONNECTION.

ELECTRIC WALL HEATER SCHEDULE

MARK NUMBER	EW1	EW2	EW3
TYPE	WALL MOUNTED	WALL MOUNTED	WALL MOUNTED
H WATTS	750	750	750
E VOLT./PH	120/1	120/1	120/1
A AMPS	6.3	6.3	6.3
T CFM	65	65	65
LOCATION	ENTRY 1	ENTRY 2	STAIRS 2
OPERATING WEIGHT (LBS)	12	12	12
BASIS OF DESIGN: QMARK	CWH1151DSF	CWH1151DSF	CWH1151DSF
NOTES	1,2	1,2	2,3

NOTES:
1. PROVIDE WITH THERMOSTAT WITH REMOTE OSA SENSOR.
SET TEMP TO 60 DEGREES MEX. HEAT TO BE DISABLED WHEN OSA >=45 DEGREE F.
2. RECESSED IN WALL
3. BUILT IN THERMOSTAT (SET TO 60 DEGREE F, ADJUSTABLE)

EXHAUST FAN SCHEDULE

MARK NUMBER	EF 1	EF 2	EF 3
UTILITY SET	1ST FLR RR'S	2ND FLR RR'S	CEILING CABINET
SYSTEM			STORAGE
CFM	275	225	300
WHEEL TYPE	SINGLE BACKWARD INCLINED	CENTRIFUGAL BACKWARD INCLINED	CENTRIFUGAL BACKWARD INCLINED
DRIVE	BELT	DD	DD
EXT. STATIC PRESS. (IN. WC)	0.5	0.5	0.5
RPM	1135	1478	1665
CONTROLLED BY	INTERLOCK WITH AHU-2	INTERLOCK WITH AHU-1	
BACKDRAFT DAMPER	YES	YES	YES
MOTORIZED DAMPER	NO	NO	NO
MAXIMUM SONES	5.5 INLET	7.7	8.2
VOLTAGE/PH	115/1	115/1	115/1
HP	1/2 HP	1/4 HP	1/10 HP
OPERATING WEIGHT (LBS)	110	80	80
BASIS OF DESIGN: GREENHECK	USF-10	G-097-VG	G-080-VG
NOTES	1,2,3	1,2,3	1,2,3

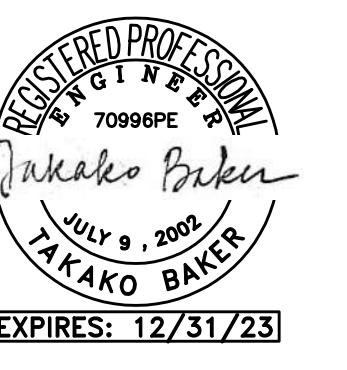
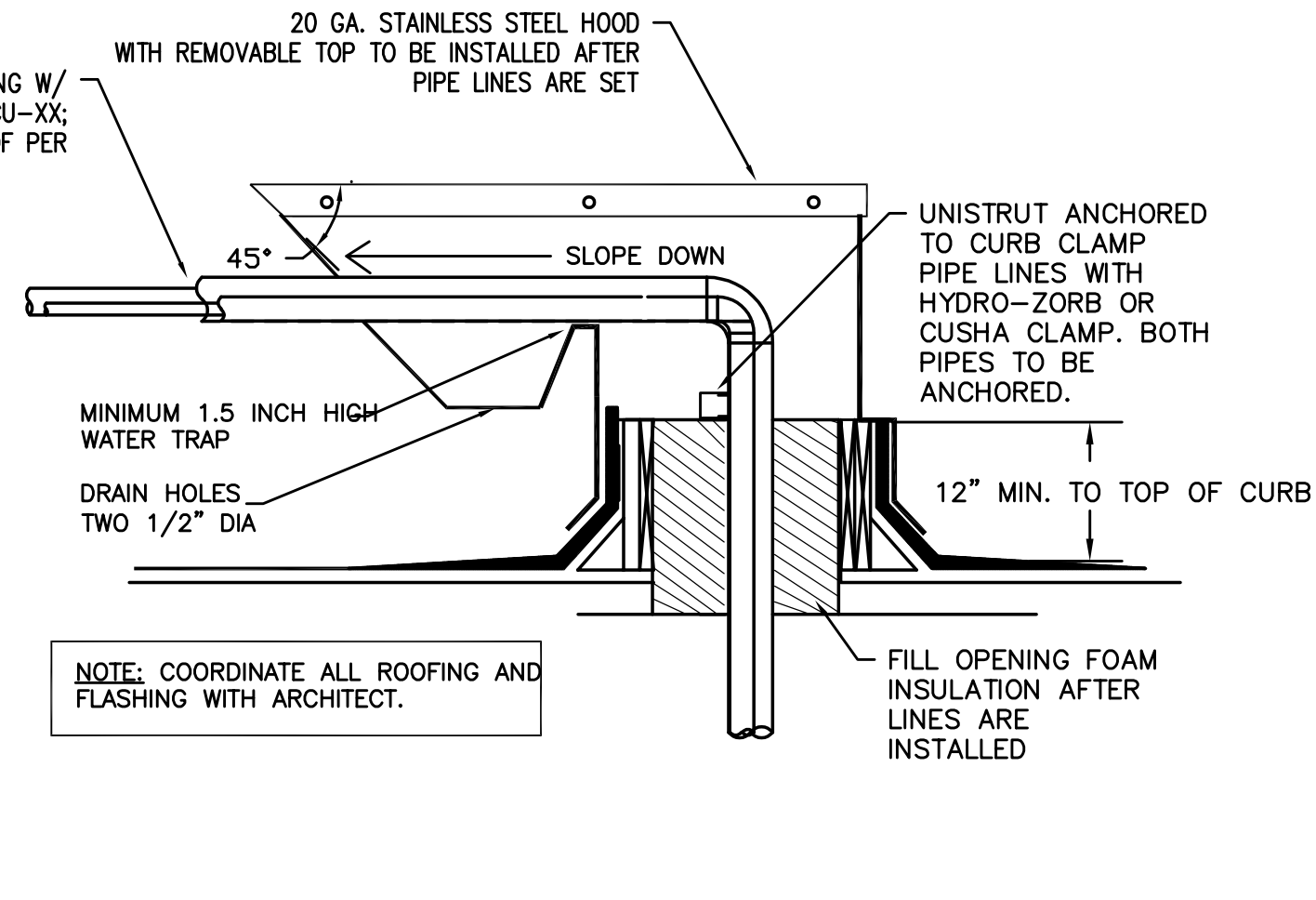
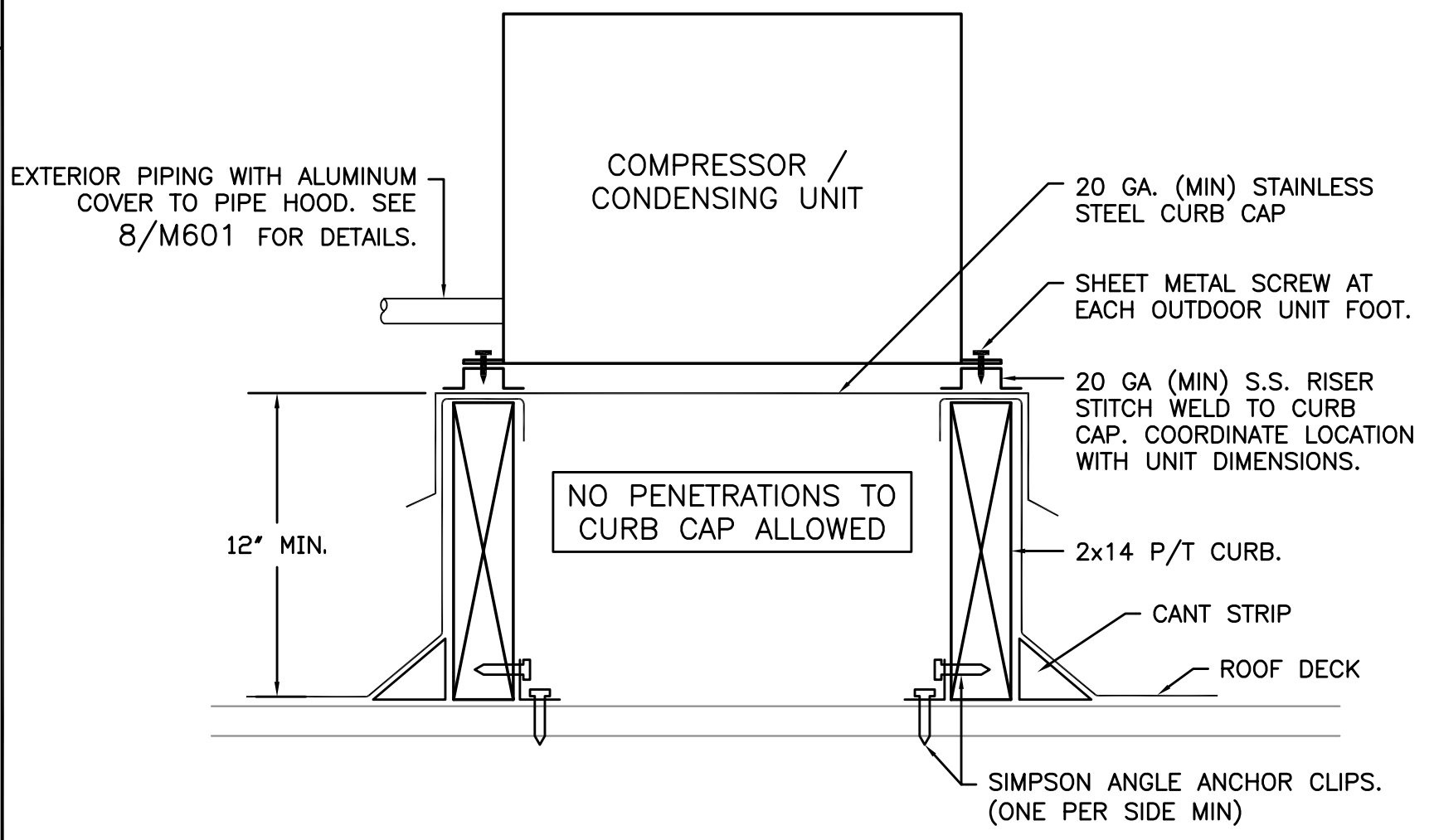
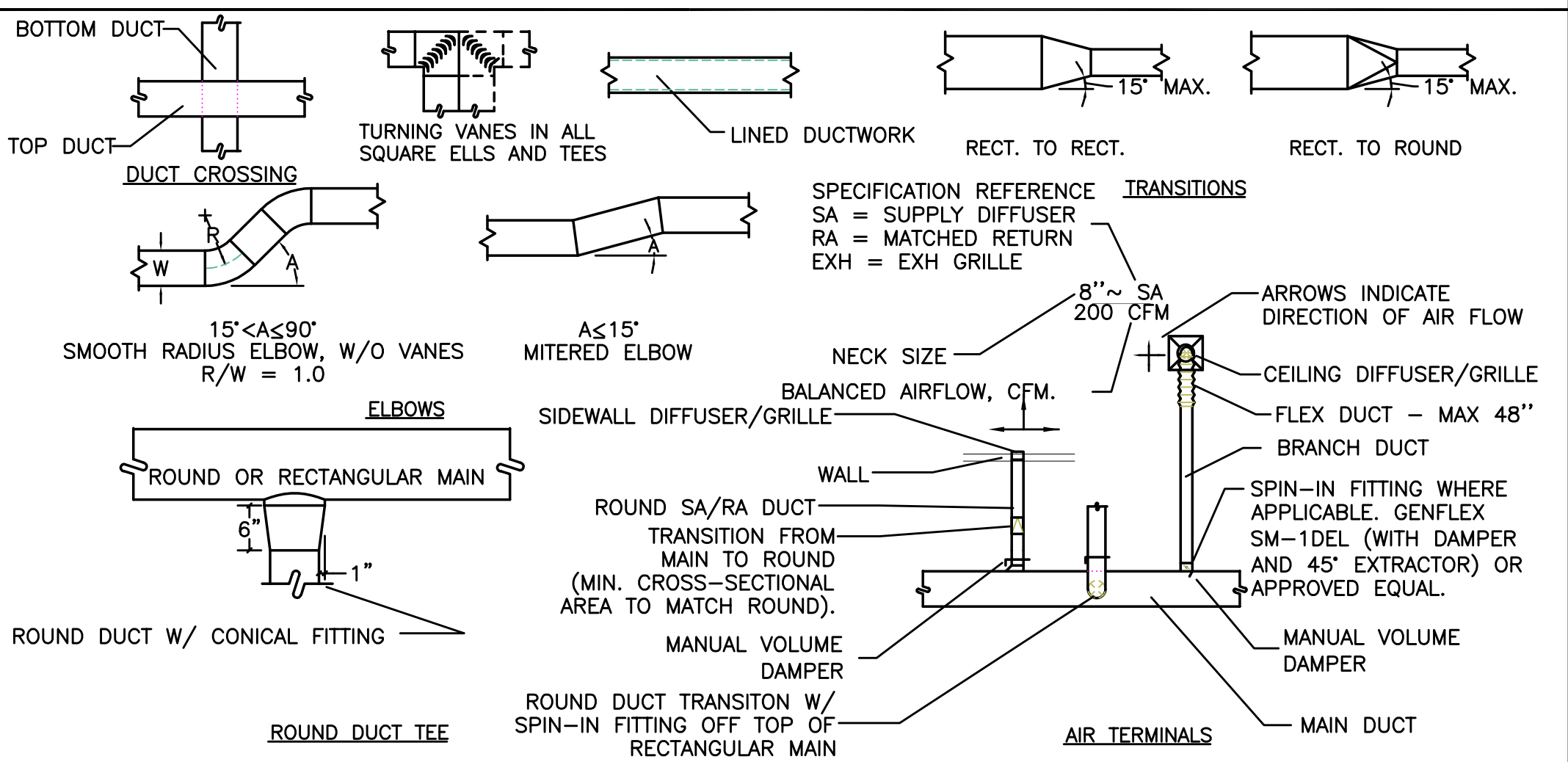
NOTES:
1. ECM MOTOR.
2. PROVIDE ELECTRICAL DISCONNECT.
3. ALUMINUM CONSTRUCTION.

SPLIT SYSTEMS

INDOOR UNIT MARK NUMBER	IHP-1	IHP-2 (EXISTING)
HEAT PUMP/COOLING ONLY	HEAT PUMP	HEAT PUMP
LOCATION	TEEN ROOM	UTILITIES
TYPE	DUCTED	WALL MOUNTED
NOMINAL COOLING CAPACITY	1.5 TON	1 TON
TOTAL SUPPLY CFM	675	400
OSA CFM	80 CFM, NOTE 2	-
CONDENSATE PUMP	YES	YES
WEIGHT	85	85
BASIS OF DESIGN--DAIKIN	FDMQ18RVJU	FTXS12LVJU
OUTDOOR UNIT MARK NUMBER	OHP-1	OHP-2 (EXISTING)
# OF INDOOR UNITS	1	1
EFFICIENCY (HSPF, SEER)	10.3/19.4	EXISTING
NOMINAL TONS	1.5 TON	1 TON
NOMINAL COOLING CAP. (MBTU)	17.6 MBH	EXISTING
NOMINAL HEATING CAP. (MBTU)	21.6 MBH	EXISTING
REFRIGERANT	401A	401A
MAX PIPE LENGTH (FEET)	98.5	98.5
MAX PIPE HEIGHT	65.6	65.6
VOLTS/PHASE	208/1	208/1
MCA/MOP	19.5/20	12.2/15
COMPRESSOR	INVERTER	INVERTER
WEIGHT	150	150
BASIS OF DESIGN--DAIKIN	RXL18UMVJUA	RXS12LVJU

NOTES:
1. POWERED FROM OUTDOOR UNIT
2. DUCTED TO RA PLENUM.
3. PROVIDE WITH FIELD INSTALL FILTER CABINET.

AIR DISTRIBUTION DETAILS

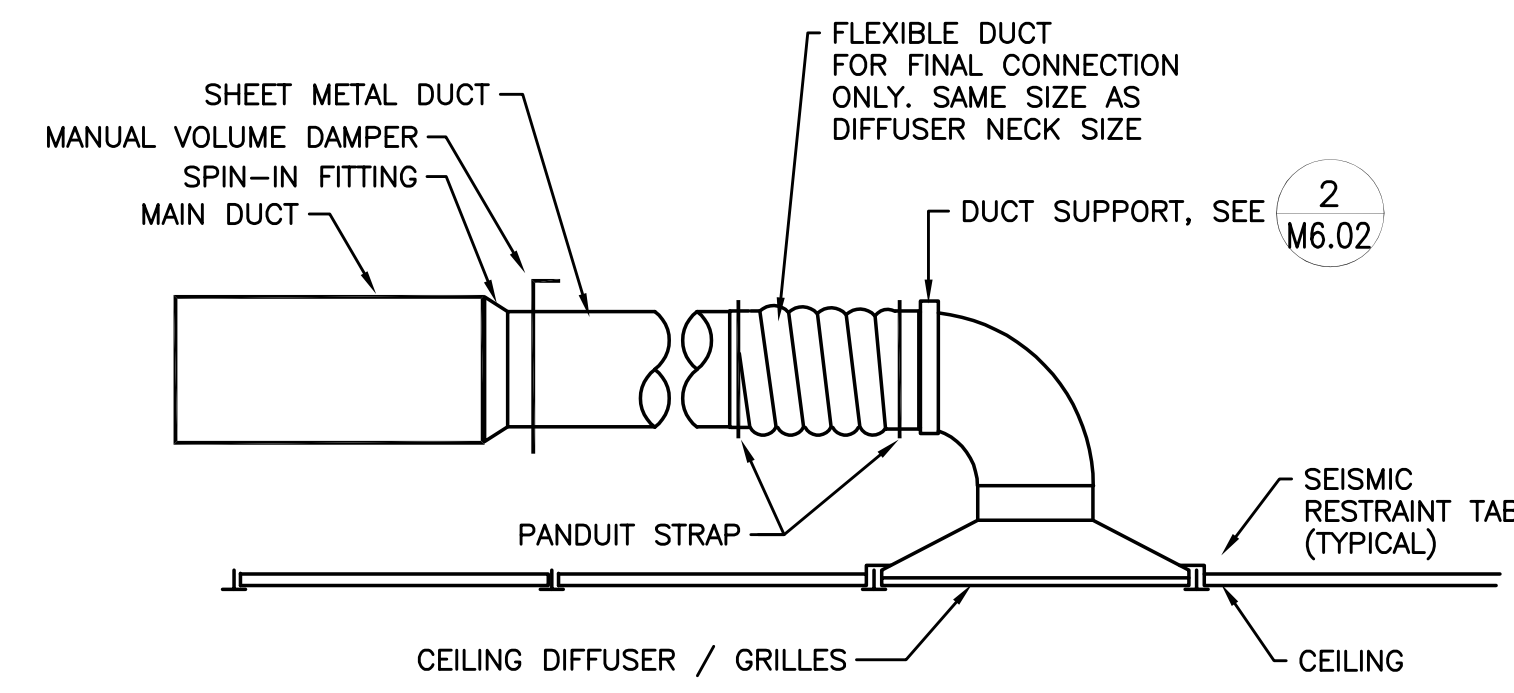
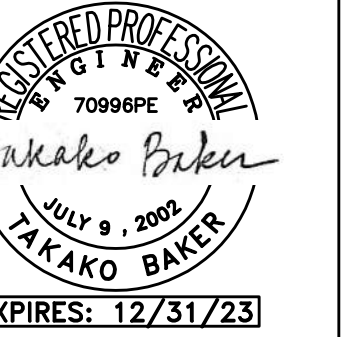


CONSTRUCTION

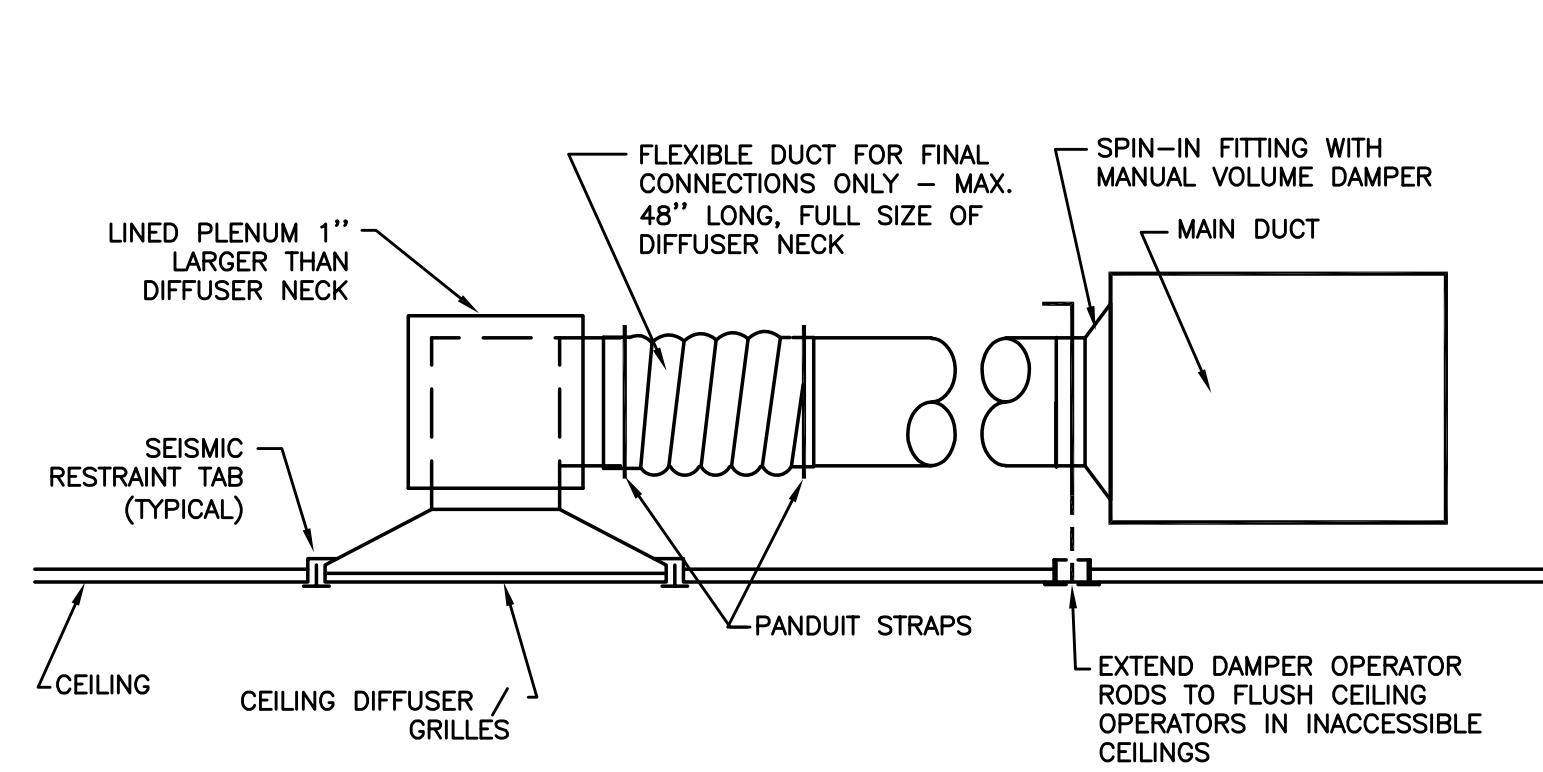
REVISIONS:

#	DATE	DESCRIPTION

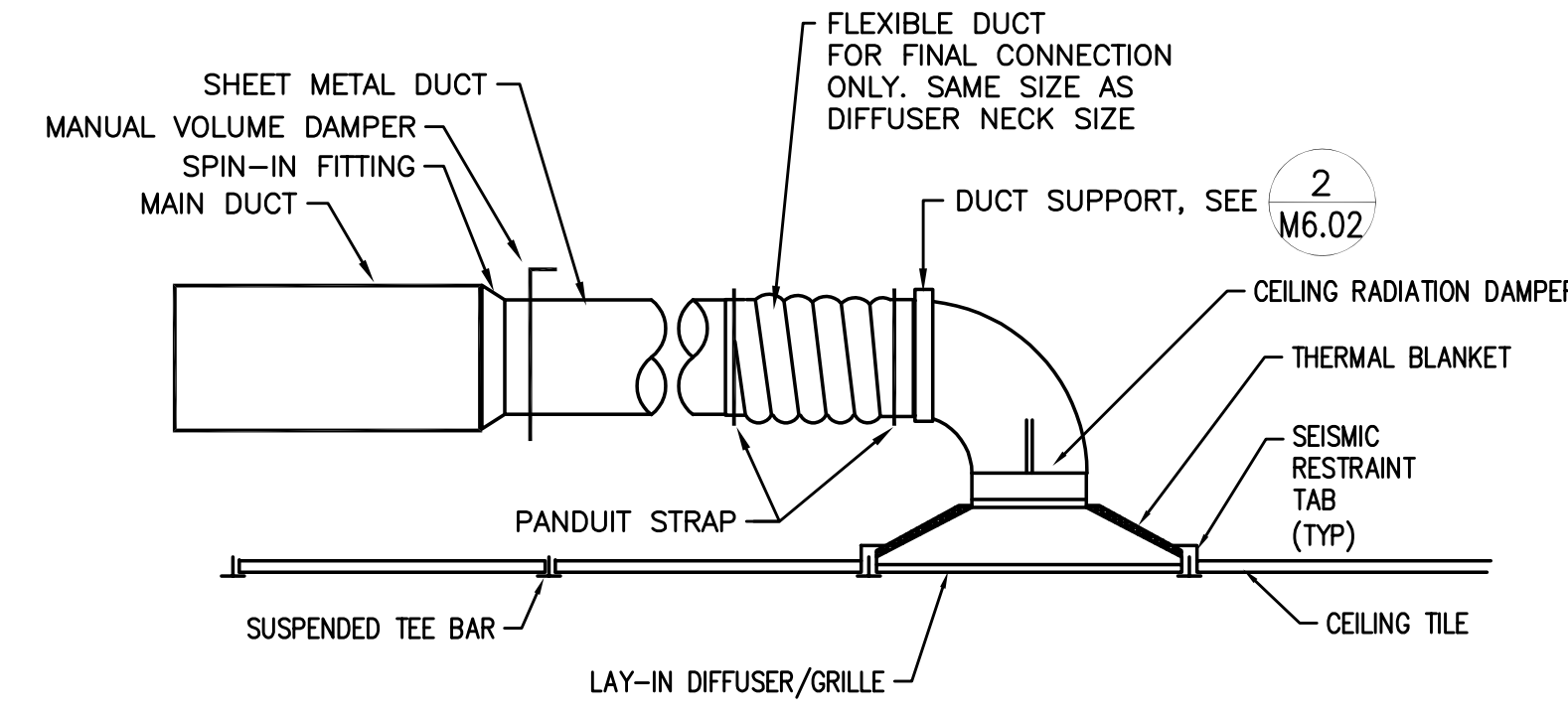




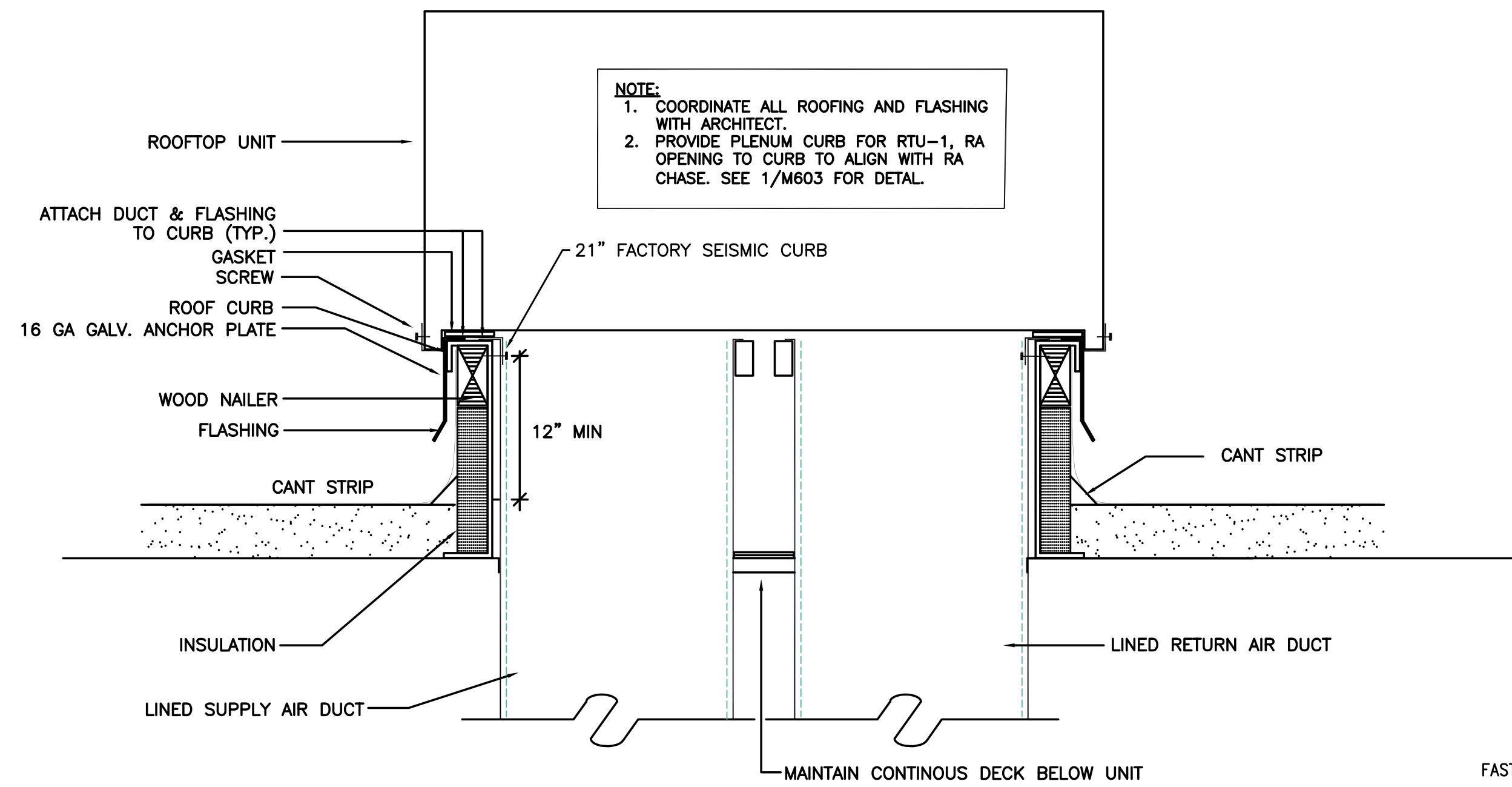
1 CEILING DIFFUSER / GRILLES
M601 SCALE: DETAIL



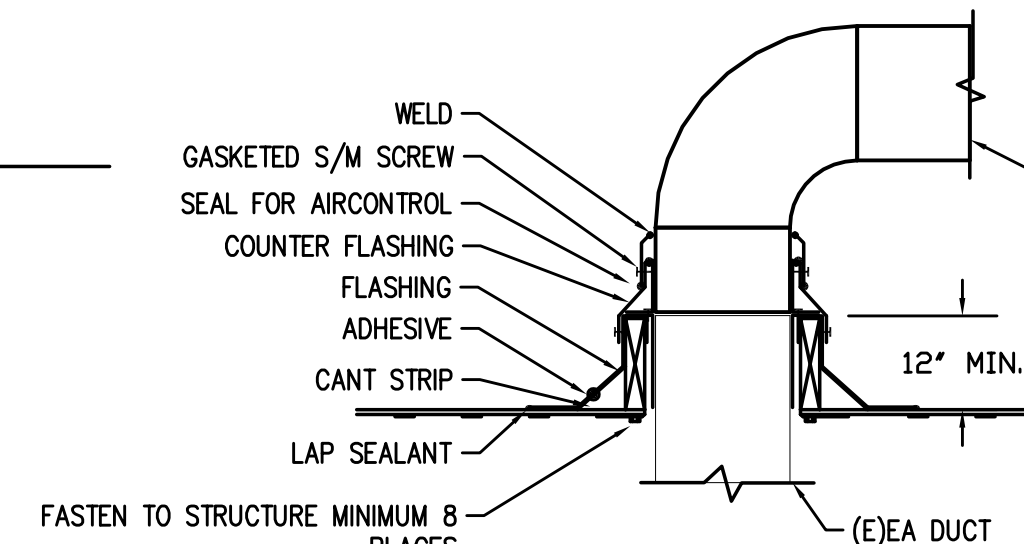
2 CEILING DIFFUSER / GRILLES
M601 SCALE: DETAIL



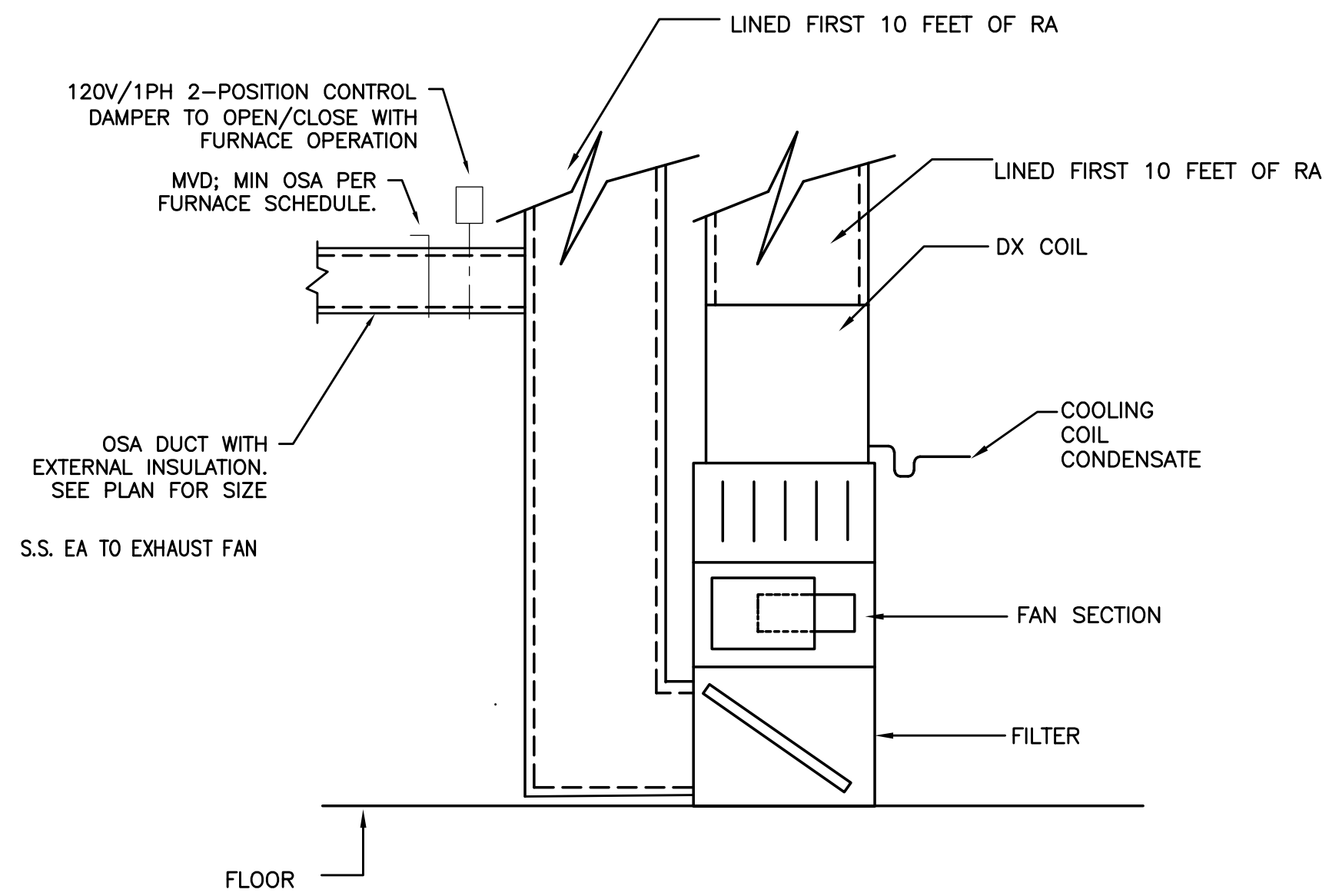
3 CEILING DIFFUSER / GRILLES w/ FIRE DAMPER
M601 SCALE: DETAIL



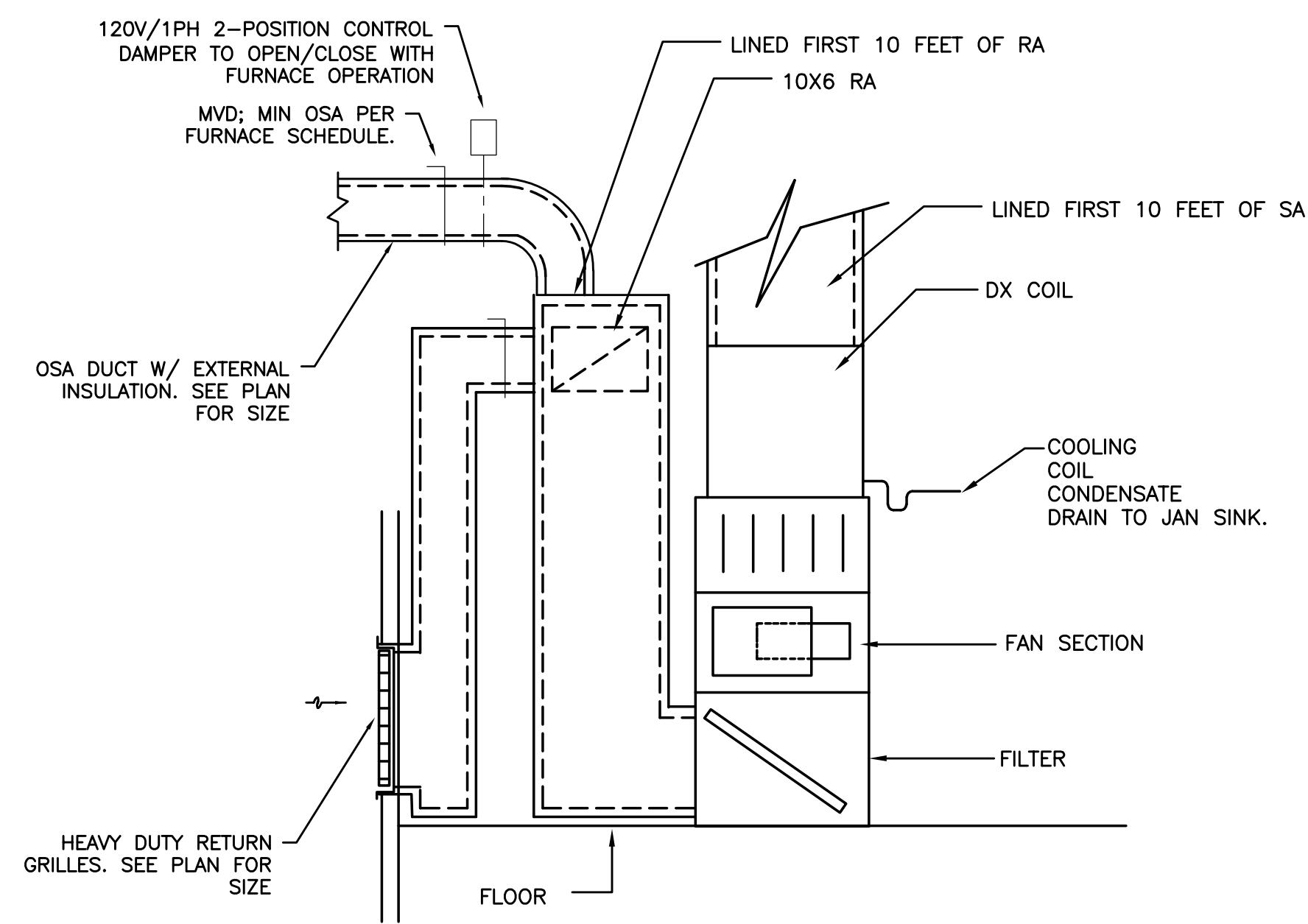
4 RTU-1. 2. 3
M601 SCALE: DETAIL



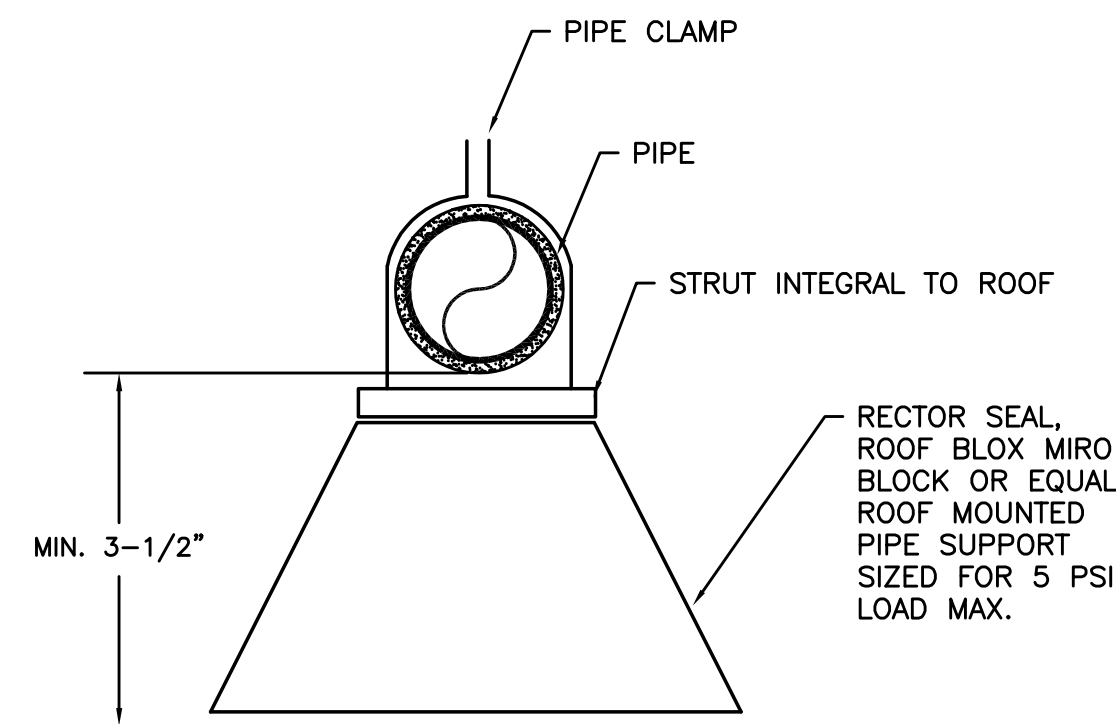
5 DUCT PENETRATION DETAIL
M601 NOT TO SCALE



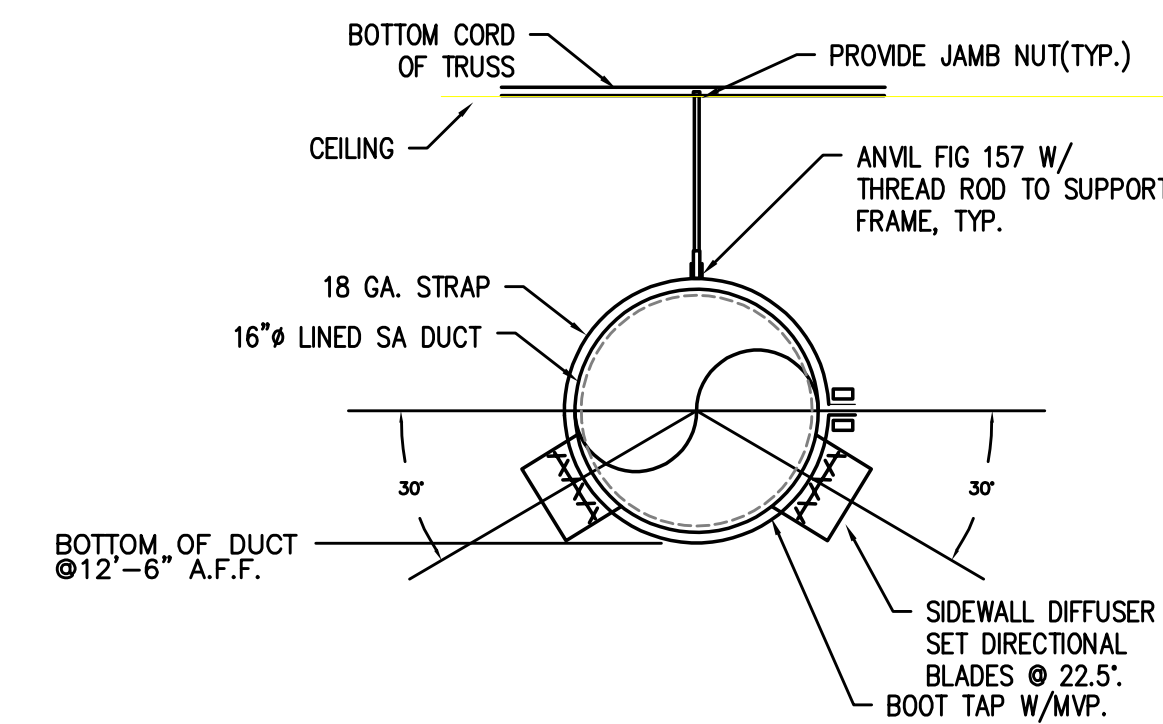
6 VERTICAL HEAT PUMP (AHU-1)
M601 SCALE: DETAIL



7 VERTICAL HEAT PUMP (AHU-2)
M601 SCALE: DETAIL



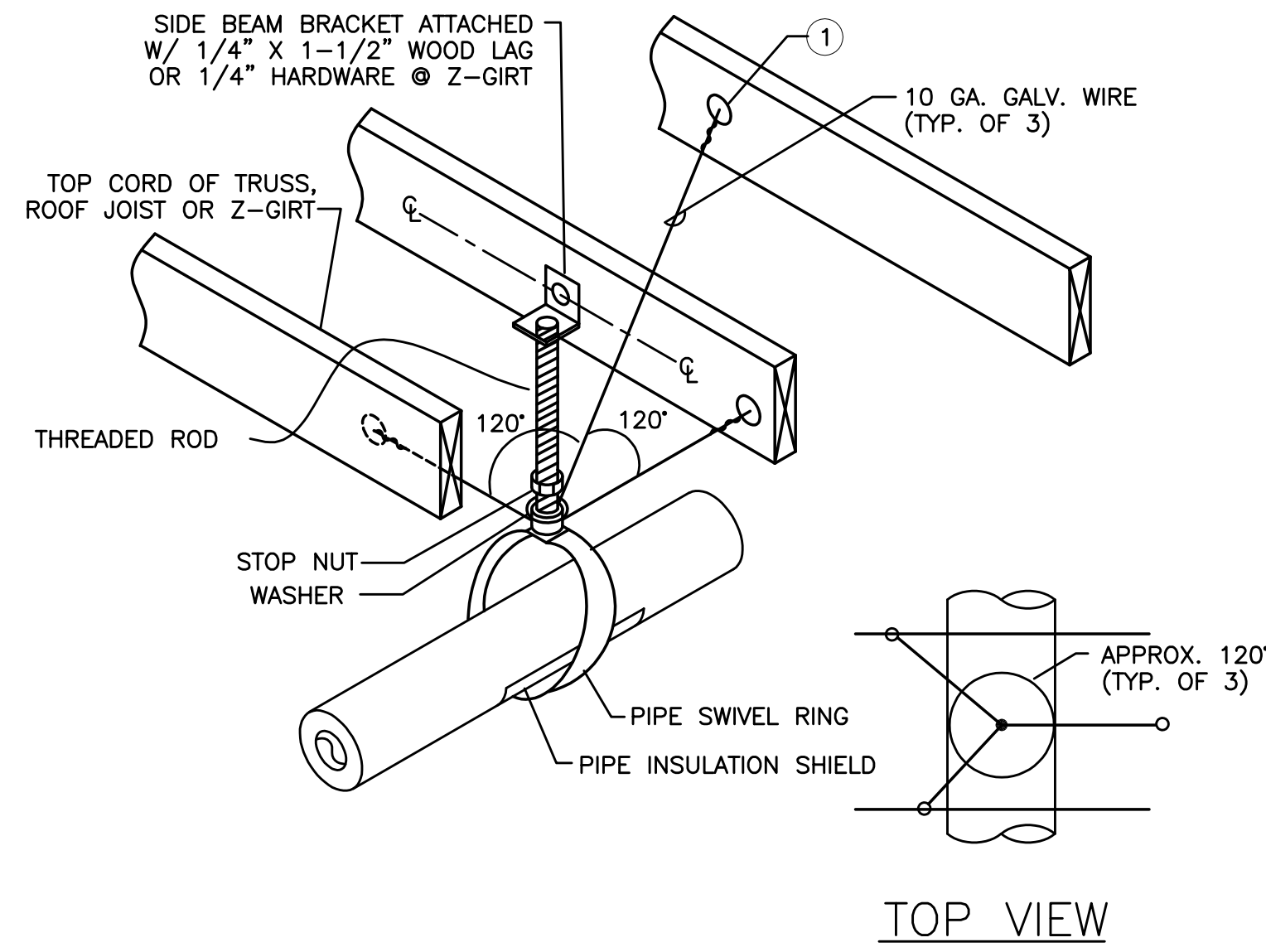
8 ROOF MOUNTED PIPE
M601 SCALE: DETAIL



9 EXPOSED DUCT w/ SWG
M601 SCALE: DETAIL

DETAIL NOTES

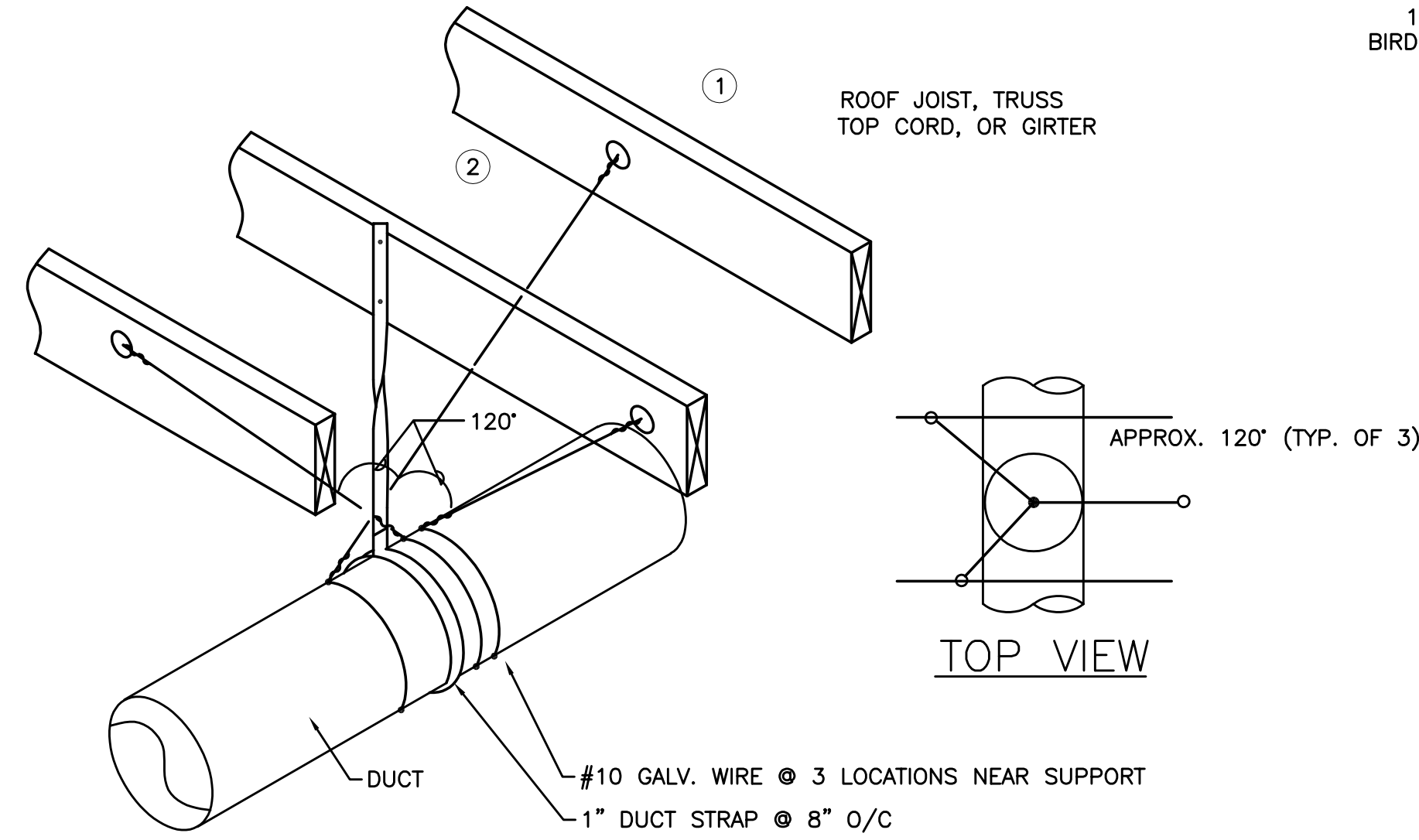
- 1 - 1/4" GALV. THREADED EYE BOLT @ CENTER OF WOOD MEMBER (TYP. OF 3). FOR Z-GIRT USE MACHINE THREAD EYE BOLT W/ JAMB NUT & 1/4" WASHER @ EACH SIDE OF GIRT. FOR METAL DECK USE 12 SHEETMETAL SCREWS & 16 GA. MIN STRUT ANGLE CLIP
- 2 - ATTACH TO TOP CORD OF TRUSS ONLY OR WOOD JOIST W/ #12 X 1-5/8 DECK SCREW @ MIN. 1" FROM WOOD MATERIAL EDGE. ATTACH TO Z-GIRT W/ (2) #12 TEK SCREWS. FOR METAL DECK USE (2) 12-14 SHEETMETAL SCREWS



3/M6.12 NOTES

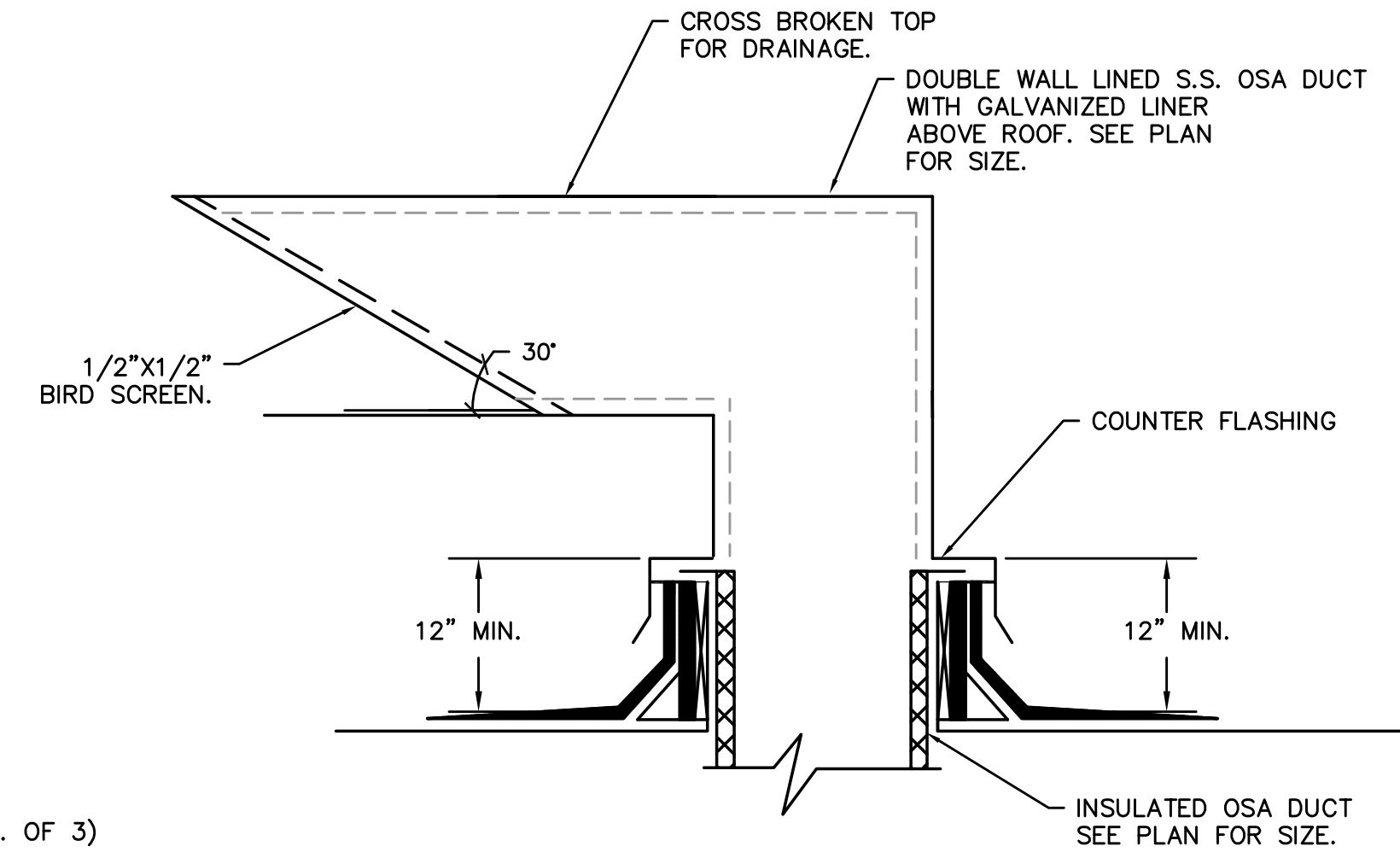
- 1 - 1/4" GALV. THREADED EYE BOLT @ CENTER OF WOOD MEMBER (TYP. OF 3). FOR 2 GIRT USE MACHINE THREAD EYE BOLT W/ JAMB NUT & 1/4" WASHER @ EACH SIDE OF GIRT
- FOR SINGLE 1-1/2" TO 3" STEEL LINES
 - FOR SINGLE 2" COPPER LINES

1 PIPE SUPPORT
M602 DETAIL

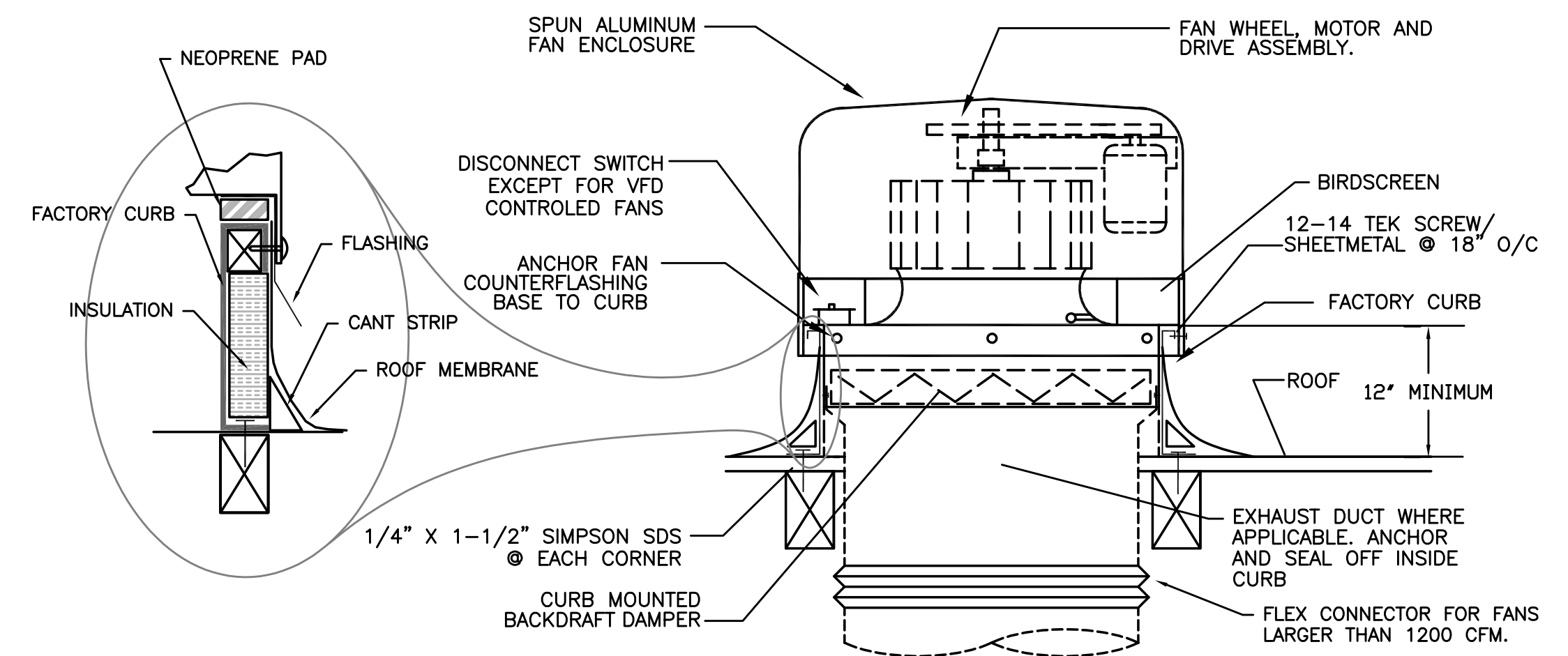


- FOR SHEETMETAL DUCTS 11" TO 27" IN DIAMETER & ALL SQUARE OR RECTANGULAR DUCTS (STRAP ALONE IS SUFFICIENT FOR DUCTS SMALLER THAN 11" IN DIAMETER)
- STRAP INTERVAL MAY BE DECREASED (LESS THAN 96" O/C TO REDUCE THE NEED FOR WIRE TIES AS DETAILED. CONSULT ENGINEER OR SMACNA STANDARDS

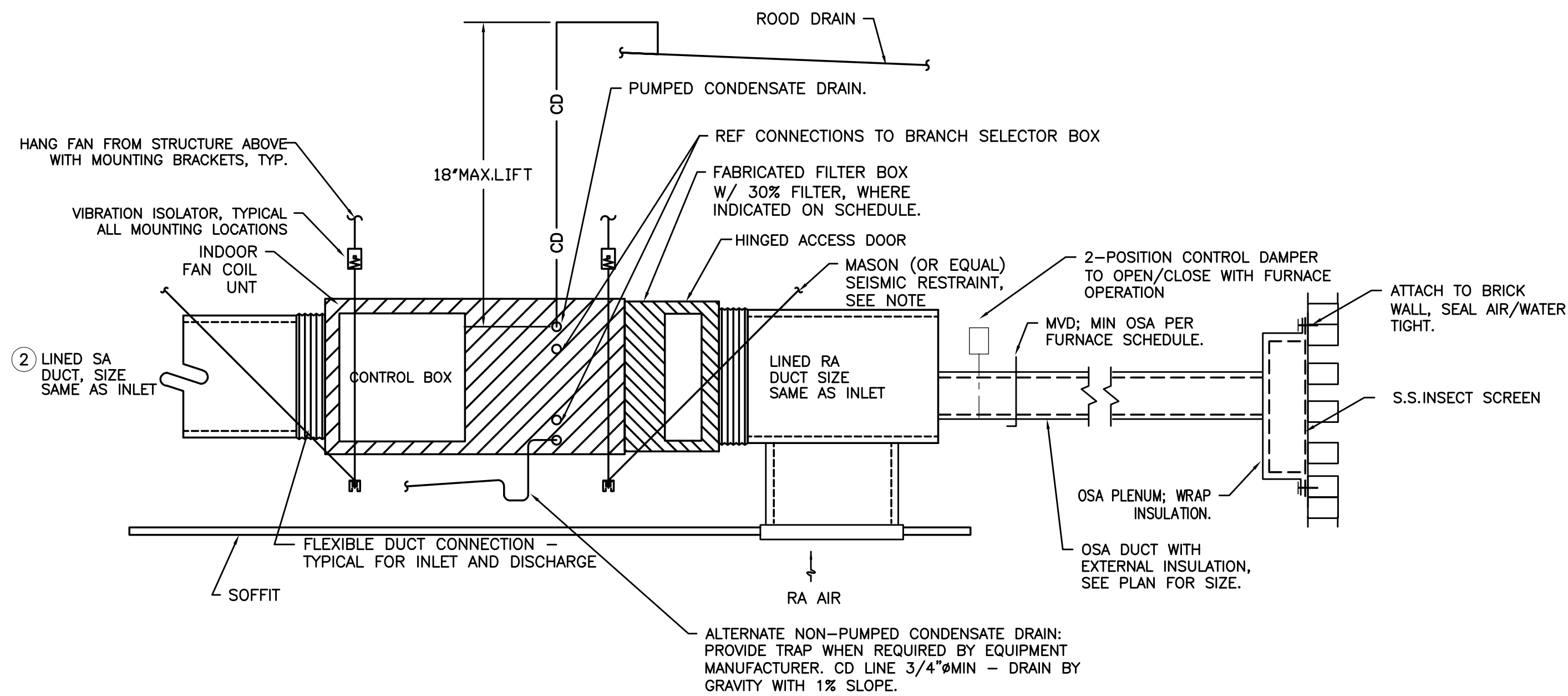
2 DUCT SUPPORT
M602 SCALE: DETAIL



3 OSA INTAKE HOOD
M602 NTS



4 ROOF MOUNT EXHAUST FAN
M602 SCALE: DETAIL



- NOTES:
1. LOCATE SUPPORT & SEISMIC TO MAINTAIN UNHINDERED ACCESS FOR MAINTENANCE OF UNIT.
 2. LINE DUCT INTERNALLY FOR THE ENTIRETY OF DUCTWORK.
 3. PROVIDE FLOAT AND LOCKOUT ON PRIMARY CONDENSATE DRAIN FOR ALL FAN COIL (FC) UNITS.
 4. PROVIDE MANUFACTURER REQUIRED CLEARANCES TO CONTROL BOX AND FAN COIL UNIT.
 5. CAP PUMPED CONDENSATE DRAIN OUTLET WHEN USING GRAVITY CONDENSATE DRAIN.
 6. SEE MANUFACTURER FOR VAPOR & LIQUID REF. LINE SIZES.
 7. LOCATE ACCESS SIDE ABOVE FULL CEILING W/ NO OBSTRUCTIONS. SEE FLOOR PLAN FOR MORE INFO.

5 DUCTED FAN COIL (FCU)
M602 SCALE: DETAIL

CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
**MECHANICAL
DETAILS**

M-602

Copyright © 2022
HGE ARCHITECTS

VENTILATION AIR SCHEDULE - RTU-1

ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ FT.)	OUTSIDE AIR REQUIRED (CFM)	ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	AIR SYSTEMS			
	Az		Pz	Rp	Ra	Vbz	Ez	Voz	Vpz	Zp		Evz					
Collectionsns North	1350	10	14	5	0.12	232	1.0	232	950	0.24	718	0	1.00	232.00	RTU-1		
TOTAL	1350		14			232		232	950		718	0	1.00	232			
CORRECTED TOTAL OUTDOOR AIR FLOW RATE													232	CFM	Corrected OSA Fraction	Zs =	0.24

VENTILATION AIR SCHEDULE - RTU-2

ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ FT.)	OUTSIDE AIR REQUIRED (CFM)	ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	AIR SYSTEMS			
	Az		Pz	Rp	Ra	Vbz	Ez	Voz	Vpz	Zp		Evz					
Collectionsns North	1350	10	14	5	0.12	232	1.0	232	1200	0.19	968	0	1.00	232.00	RTU-1		
TOTAL	1350		14			232		232	1200		970	0	1.00	232			
CORRECTED TOTAL OUTDOOR AIR FLOW RATE													232	CFM	Corrected OSA Fraction	Zs =	0.19

VENTILATION AIR SCHEDULE - RTU-3

ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ FT.)	OUTSIDE AIR REQUIRED (CFM)	ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	AIR SYSTEMS			
	Az		Pz	Rp	Ra	Vbz	Ez	Voz	Vpz	Zp		Evz					
PROGRAM SHOP 25	1078	50	54	5	0.06	335	1.0	335	1100	0.30	1100	0	1.00	80.00	RTU-3		
TOTAL	1078		54			335		335	1100		1100	0	1.00	80			
CORRECTED TOTAL OUTDOOR AIR FLOW RATE													335	CFM	Corrected OSA Fraction	Zs =	0.07

VENTILATION AIR SCHEDULE - OHP-1

ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ FT.)	OUTSIDE AIR REQUIRED (CFM)	ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	AIR SYSTEMS			
	Az		Pz	Rp	Ra	Vbz	Ez	Voz	Vpz	Zp		Evz					
CONFERENCE/MEETING	250	50	13	5	0.06	80	1.0	80	570	0.14	5780	0	1.00	80.00	RTU-1		
TOTAL	250		13			80		80	570		950	0	1.00	80			
CORRECTED TOTAL OUTDOOR AIR FLOW RATE													80	CFM	Corrected OSA Fraction	Zs =	0.14

OPTIONS:
Material: 18 GA Galv. Steel
INSULATED PANELS (WHERE REQUIRED)
1X4 WOOD NAILER (UNDER TOP FLANGE)
INSULATION: 1" DUCTLINER (R=3.85)
INSULATED FLOOR W/18 GA SOLID BOTTOM
DIVIDER WALL(S)
VULKEM BOTTOM SEAMS

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
01	INITIAL DRAWING	5/9/2023	ZC

RTU TAG(S):

CURB SHOWN IS CDI STANDARD CONFIGURATION
CDI RESERVES THE RIGHT TO CHANGE LAYOUT
WITHOUT NOTIFICATION. IF CURB IS NEEDED IN A
DIFFERENT CONFIGURATION CDI MUST BE NOTIFIED
PRIOR TO PLACING AN ORDER.

CURB WEIGHT (LBS.)	APPROVALS	DATE	TITLE
170		5/9/2023	2270476-CM1-2-0024-4000

VERIFY EXISTING CURB O.D.
 VERIFY SUPPLY AND RETURN OPENINGS
 NOTE ANY CHANGES
 CALL WITH ANY QUESTIONS
 IF AX BACK, IF DRAWING IS OK AS IS

CDI 17500 TYLER ST NW
 ELK RIVER, MN 55330
 (763) 391-7790
 (763) 391-7851

1 PLENUM CURB DETAIL
 M603 SCALE: DETAIL

VENTILATION AIR SCHEDULE - AHU-1

ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ FT.)	OUTSIDE AIR REQUIRED (CFM)	ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	AIR SYSTEMS			
	Az		Pz	Rp	Ra	Vbz	Ez	Voz	Vpz	Zp		Evz					
2ND FLOOR CIRCULATION	262	0	0	0	0.06	16	1.0	16	300	0.05	300	0	1.00	16	AHU-1		
STAFF BREAK	275	50	14	5	0.06	87	1.0	87	275	0.31	275	0	1.00	87	AHU-1		
WC-23	49	0	0	0	0	0	1.0	0	50	0.00	0	75	1.00	0.00	AHU-1		
WC-24	49	0	0	0	0	0	1.0	0	50	0.00	0	75	1.00	0.00	AHU-1		
CUST/UTILTY 22	109	0	0	0	0	0	1.0	0	50	0.00	0	75	1.00	0.00	AHU-1		
TOTAL	744		14			102.22		102.22	725		575	225	1.00	102.22			
CORRECTED TOTAL OUTDOOR AIR FLOW RATE													102	CFM	Corrected OSA Fraction	Zs =	0.14
ACTUAL DESIGN OUTSIDE AIRFLOW RATE													225.00	CFM			0.31

VENTILATION AIR SCHEDULE - AHU-2

ROOM NUMBER AND NAME	AREA (SQ. FT.)	OCCUPANT LOAD (#/1000 SQ. FT.)	NUMBER OF OCCUPANTS	OUTSIDE AIR REQUIREMENT (CFM/P)	OUTSIDE AIR REQUIREMENT (CFM/SQ FT.)	OUTSIDE AIR REQUIRED (CFM)	ZONE OSA (CFM)	SUPPLY AIR (CFM)	PRIMARY OSA FRACTION	RETURN AIR (CFM)	EXHAUST AIR (CFM)	Zone Ventilation Efficiency	Corrected OSA CFM	AIR SYSTEMS			
	Az		Pz	Rp	Ra	Vbz	Ez	Voz	Vpz	Zp		Evz					
CIRCULATION 8	562	0	0	0	0.06	34	1.0	34	300	0.11	325	0	1.00	33.72	AHU-2		
LIBRARIAN OFFICE 10	77	5	1	5	0.06	10	1.0	10	75	0.13	75	0	1.00	9.62	AHU-2		
CATALOGER 9.1	77	5	1	5	0.06	10	1.0	10	75	0.13	75	0	1.00	9.62	AHU-2		
TEEN LIB OFFICE 10	72	5	1	5	0.06	9	1.0	9	75	0.12	75	0	1.00	9.32	AHU-2		
DIRECTOR 11	192	5	1	5	0.06	17	1.0	17	125	0.13	0	0	1.00	16.52	AHU-2		
WORKROOM 9	143	5	1	5	0.06	14	1.0	14	125	0.11	100	0	1.00	13.58	AHU-2		
WC 12	39	0	0	0	0	0	1.0	0	50	0.00	0	75	1.00	0.00	AHU-2		
WC-13	39	0	0	0	0	0	1.0	0	50	0.00	0	75	1.00	0.00	AHU-2		
WC-14	41	0	0	0	0	0	1.0	0	50	0.00	0	75	1.00	0.00	AHU-2		
JAN CLOSET 16	21	0	0	0	0	0	1.0	0	0.00	0	50	1.00	0.00	AHU-2			
TOTAL	1263		5			92.38		92.38	925		650	275	1.00	92			
CORRECTED TOTAL OUTDOOR AIR FLOW RATE													92	CFM	Corrected OSA Fraction	Zs =	0.10
ACTUAL DESIGN OUTSIDE AIRFLOW RATE													275	CFM			0.30

M Consulting Engineers
 2007 S.E. Ash St.
 Portland, OR 97214
 PHN: (503) 234-0548
 FAX: (503) 234-0677
 INC. WWW.MPIA-ENG.COM
 CONTACT: TAKAKO BAKER

HGE ARCHITECTS

333 S. 4TH STREET
 COOS BAY, OR 97420
 P: 541.269.1166
 general@hge1.com
 www.hge1.com

REGISTERED PROFESSIONAL ARCHITECT
 70998PE
 July 9, 2009
 TAKAKO BAKER
 EXPIRES: 12/31/23

PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
 295 NORTH ADAMS STREET
 COQUILLE, OREGON 97423

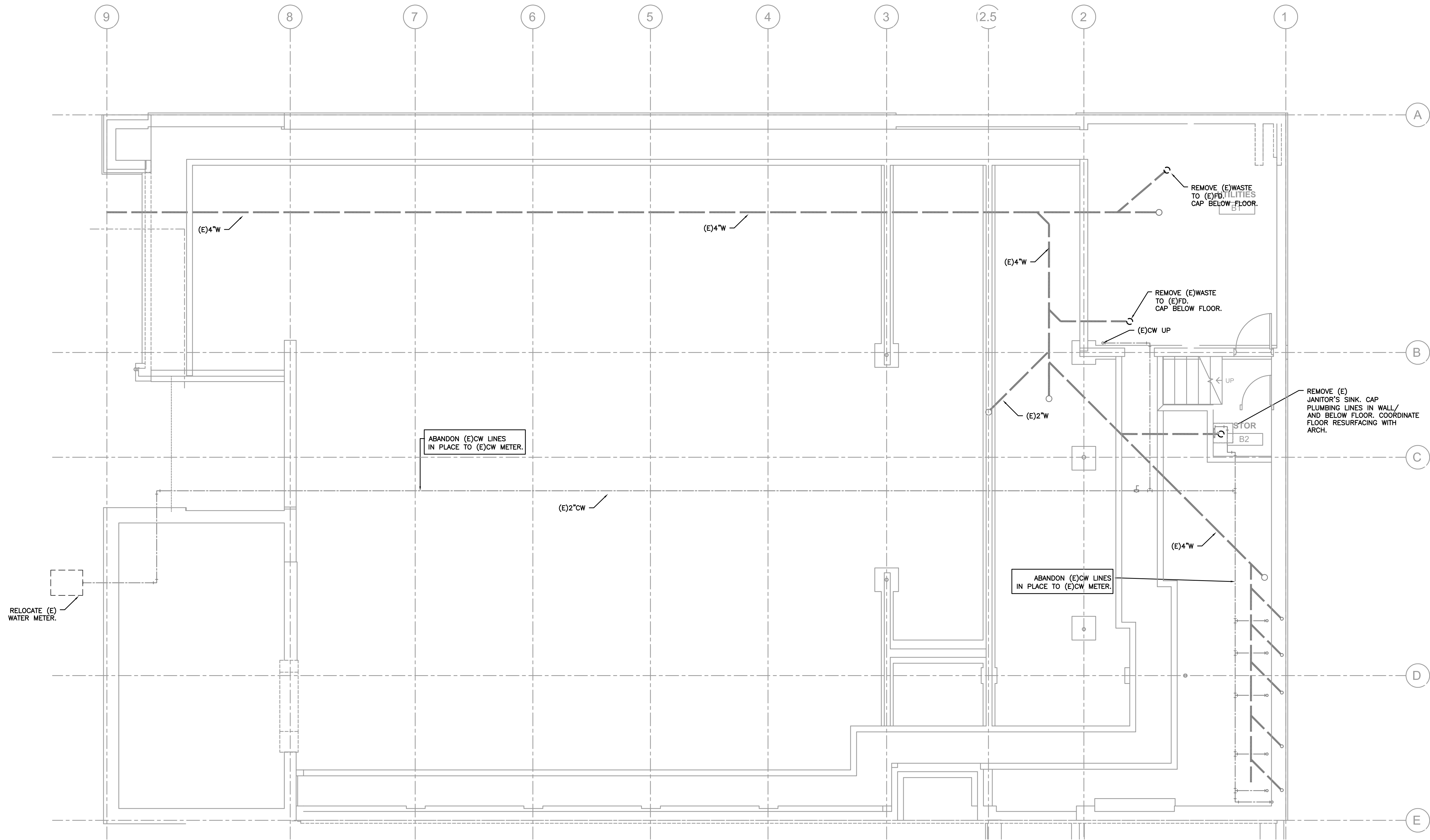
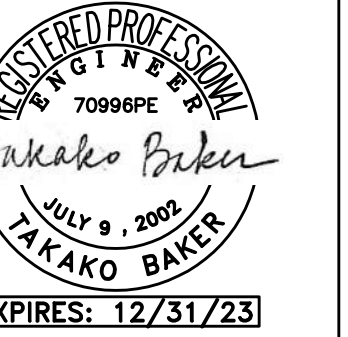
CONSTRUCTION

REVISIONS:
 # DATE DESCRIPTION

DATE: JULY 2023
 SHEET TITLE:
MECHANICAL VENTILATION SCHEDULE

M-603

Copyright © 2022 HGE ARCHITECTS



1 CRAWL SPACE PLUMBING DEMO PLAN
P-101 SCALE: 1/4" = 1'-0"

PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

#	DATE	DESCRIPTION

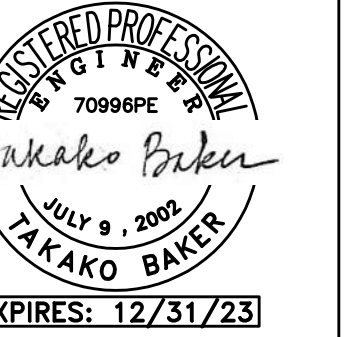
DATE: JULY 2023

SHEET TITLE:
PLUMBING
CRAWL SPACE DEMO

P-101

Copyright © 2022
HGE ARCHITECTS

M
E
I
A
INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0877
WWW.MPIA-ENG.COM
CONTACT: TAKAKO BAKER



- KEYED NOTES:
1. REMOVE (E) PLUMBING FIXTURE AND CAP WASTE BELOW.
 2. REMOVE / RELOCATE (E) HOSE-BIB AND CAP PIPE IN WALL. PATCH WALL PER ARCHITECT.
 3. REMOVE (E) WATER HEATER.
 4. REMOVE (E) CW/HW LINE.
 5. REMOVE FLOOR DRAIN AND CAP WASTE BELOW FLOOR. COORDINATE FLOOR RESURFACING WITH ARCH.
 6. REMOVE (E) CLEAN-OUT AND REPLACE WITH NEW TO MATCH NEW FLOORING.
 7. (E) PIPE STUB-OUTS AT FLOOR. CAP BELOW FLOOR AND PLUB. COORDINATE FLOOR RESURFACING WITH ARCH.



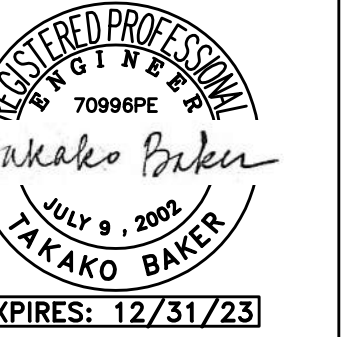
1 1ST FLOOR PLUMBING DEMO PLAN
P-102 SCALE: 1/4" = 1'-0"

PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023
SHEET TITLE:
PLUMBING
1ST FLOOR DEMO



PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

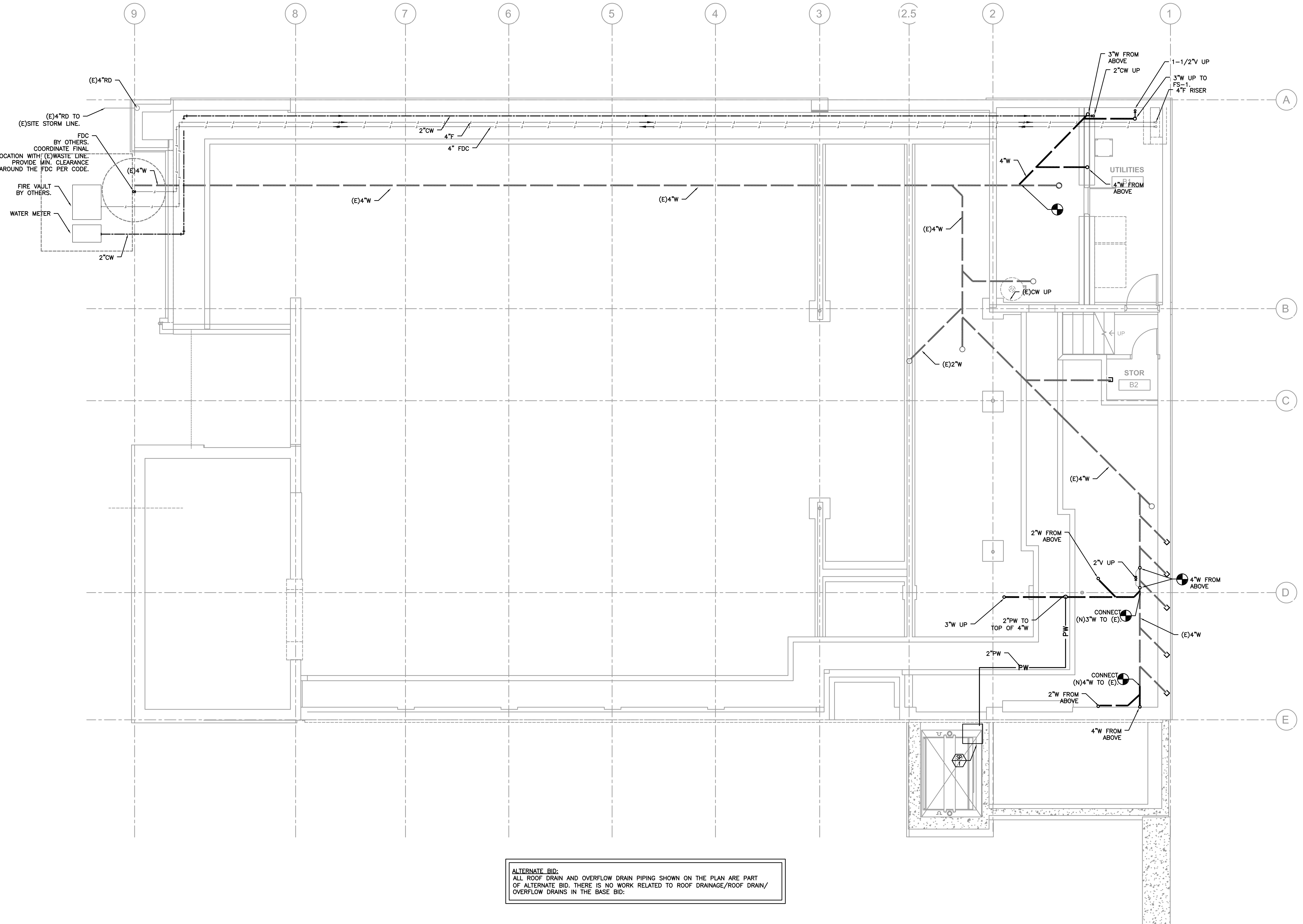
REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
**PLUMBING
UNDERSLAB/
TUNNEL PLAN**

P-200

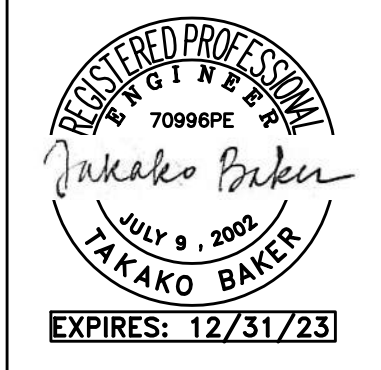
Copyright © 2022
HGE ARCHITECTS



ALTERNATE BID:
ALL ROOF DRAIN AND OVERFLOW DRAIN PIPING SHOWN ON THE PLAN ARE PART OF ALTERNATE BID. THERE IS NO WORK RELATED TO ROOF DRAINAGE/ROOF DRAIN/OVERFLOW DRAINS IN THE BASE BID.

1 UNDERSLAB/TUNNEL PLUMBING PLAN
P-200 SCALE: 1/4" = 1'-0"

M Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
INC. WWW.MPIA-ENG.COM
CONTACT: TAKAKO BAKER



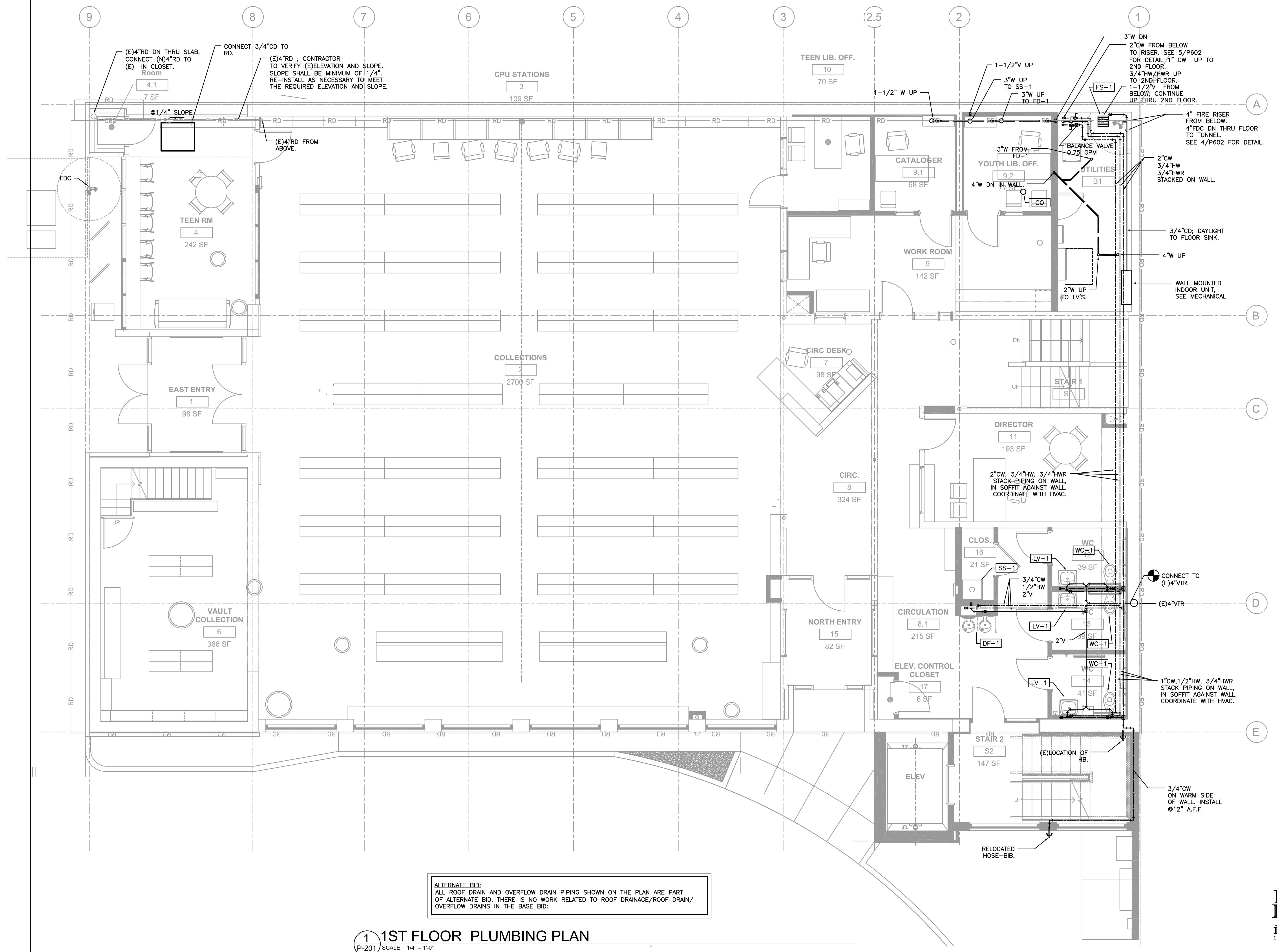
CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

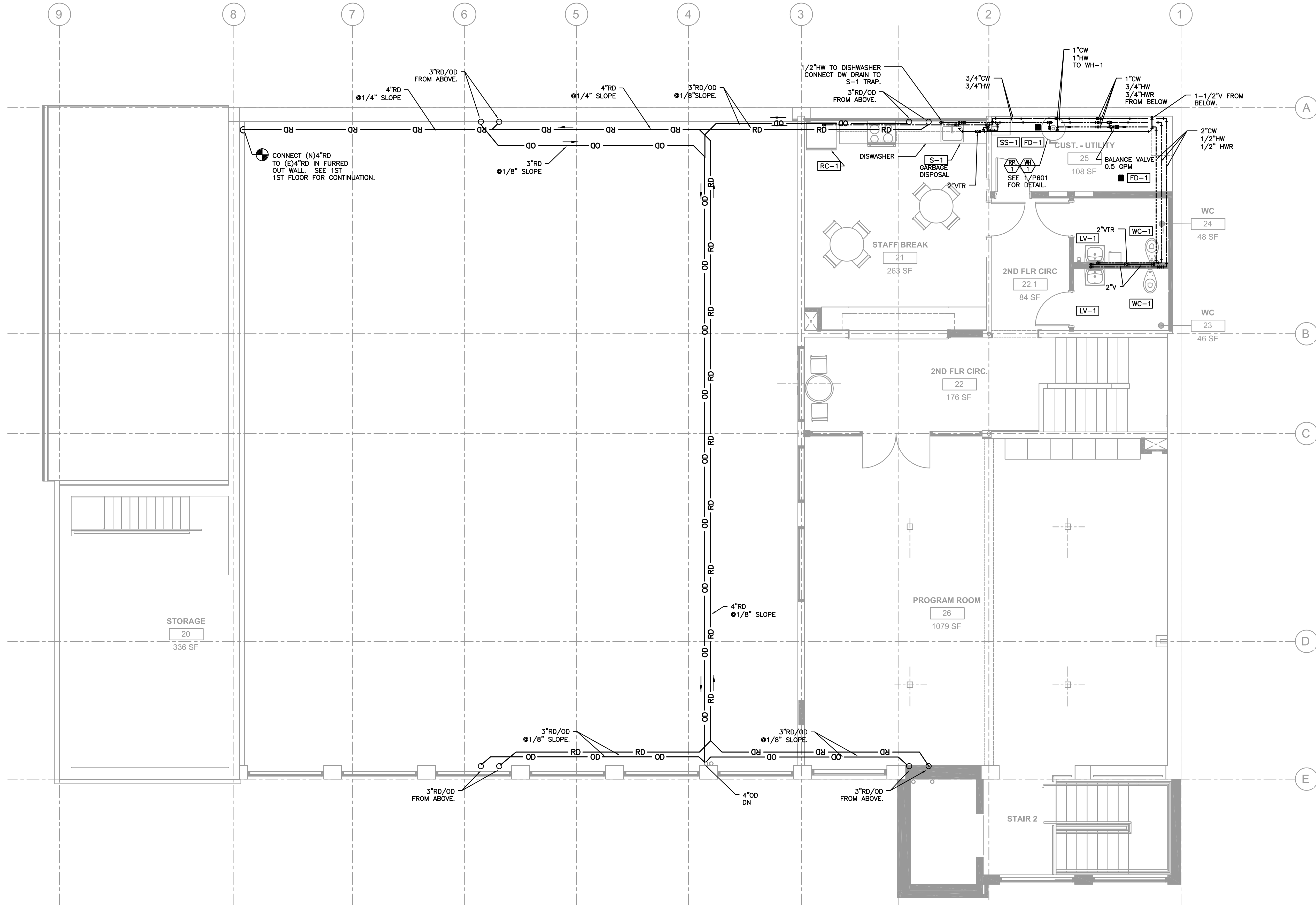
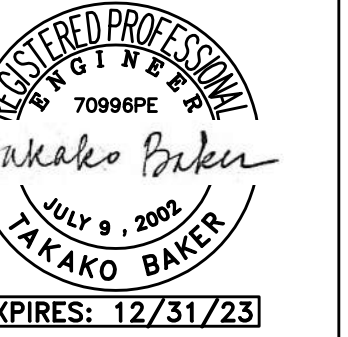
DATE: JULY 2023

SHEET TITLE:
**1ST FLOOR
PLUMBING PLAN**



1 1ST FLOOR PLUMBING PLAN
P-201 SCALE: 1/4" = 1'-0"

M
ET
INC.
Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MFIA-ENG.COM
CONTACT: TAKAKO BAKER



ALTERNATE BID:
ALL ROOF DRAIN AND OVERFLOW DRAIN PIPING SHOWN ON THE PLAN ARE PART OF ALTERNATE BID. THERE IS NO WORK RELATED TO ROOF DRAINAGE/ROOF DRAIN/OVERFLOW DRAINS IN THE BASE BID.

1 2ND FLOOR PLUMBING PLAN
SCALE: 1/4" = 1'-0"

PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

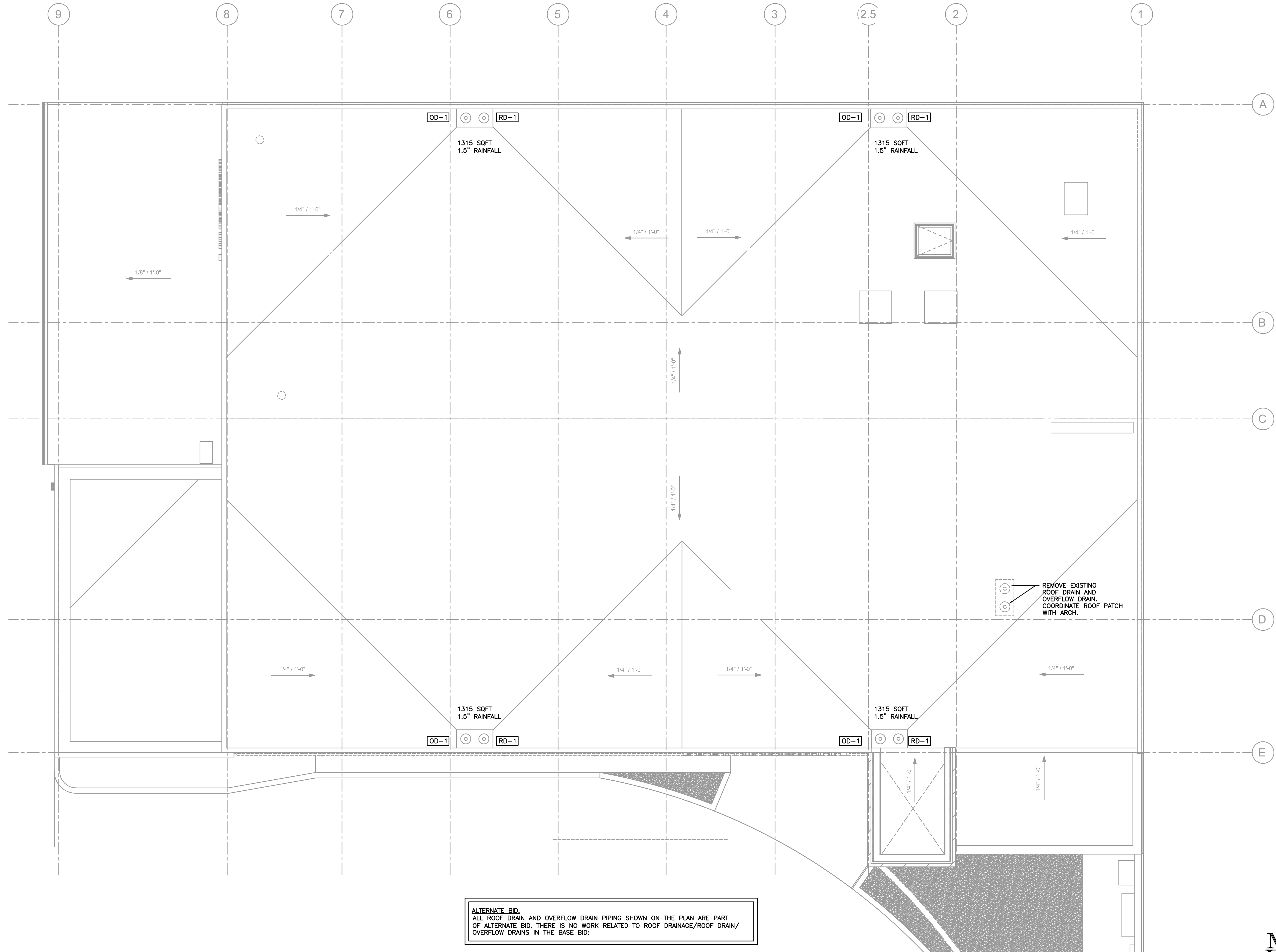
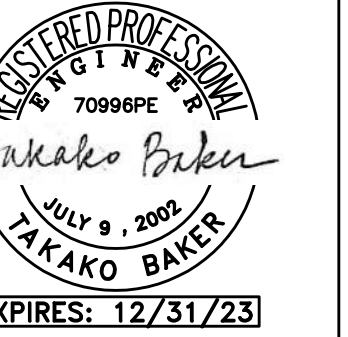
CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023
SHEET TITLE:
2ND FLOOR PLUMBING PLAN

P-202

M
E
A
INC.
Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MEAI-ENG.COM
CONTACT: TAKAKO BAKER



ALTERNATE BID:
ALL ROOF DRAIN AND OVERFLOW DRAIN PIPING SHOWN ON THE PLAN ARE PART OF ALTERNATE BID. THERE IS NO WORK RELATED TO ROOF DRAINAGE/ROOF DRAIN/OVERFLOW DRAINS IN THE BASE BID.

REMOVE EXISTING ROOF DRAIN AND OVERFLOW DRAIN. COORDINATE ROOF PATCH WITH ARCH.

1 ROOF PLUMBING PLAN
P-203 / SCALE: 1/4" = 1'-0"

MPIA Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
INC. WWW.MPIA-ENG.COM
CONTACT: TAKAKO BAKER

PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION
295 NORTH ADAMS STREET
COQUILLE, OREGON 97423

CONSTRUCTION

REVISIONS:

#	DATE	DESCRIPTION

DATE: JULY 2023
SHEET TITLE:
ROOF PLUMBING PLAN

P-203

PLUMBING LEGEND

AFF	..... ABOVE FINISHED FLOOR	---	---	(CW) COLD WATER
ARCH	..... ARCHITECTURAL	---	---	(HW) HOT WATER
B.G.	..... BELOW GRADE	---	---	(HWR) HOT WATER RECIRC
BTU	..... BRITISH THERMAL UNIT	→A	→A	(HT) HOT WATER HEAT TRACED
CAP.	..... CAPACITY	---	---	(W) BELOW GRADE WASTE
C.I.	..... CAST IRON	---	---	(AW) BELOW GRADE ACID WASTE
COMP.	..... COMPARTMENT	---V---	---V---	(V) VENT
CONT.	..... CONTINUATION	---AV---	---AV---	(AV) ACID VENT
CU.	..... CUBIC	---RD---	---RD---	(RD) RAIN DRAIN
DF	..... DRINKING FOUNTAIN	---OD---	---OD---	(OD) OVERFLOW RAIN DRAIN
DJ	..... DEIONIZED (WATER)	---FDC---	---FDC---	(FDC) FIRE DEPARTMENT CONNECTION
DIA.	..... DIAMETER	---A---	---A---	(A) COMPRESSED AIR
ELEV.	..... ELEVATION	---PHW---	---PHW---	(PHW) PROCESS HOT WATER
EWC	..... ELECTRIC WATER COOLER	---PCW---	---PCW---	(PCW) PROCESS COLD WATER
FD	..... FLOOR DRAIN	---VAC---	---VAC---	(VAC) VACUUM
FDC	..... FIRE DEPARTMENT CONNECTION	---G---	---G---	(G) NATURAL GAS
F.F.	..... FINISH FLOOR	---F---	---F---	(F) FIRE WATER
FLG.	..... FLANGE	---GW---	---GW---	(GW) GREASE WASTE
FT	..... FOOT / FEET			
G	..... GAS			
GA.	..... GAUGE			
GALV.	..... GALVANIZED			
GPM	..... GALLONS PER MINUTE			
G.V.	..... GATE VALVE			
HP	..... HORSEPOWER			
HR.	..... HOUR			
I.E.	..... INVERT ELEVATION			
KW	..... KILOWATT			
LAV	..... LAVATORY			
LBS	..... POUNDS			
MAX.	..... MAXIMUM			
MBH	..... THOUSANDS OF BTUs PER HOUR			
MIN.	..... MINIMUM			
M.J.	..... MECHANICAL JOINT			
N.I.M.	..... NOT IN MECHANICAL			
OS&Y	..... OUTSIDE STEM & YOKE			
PROT.	..... PROTECTION			
PRV	..... PRESSURE REDUCING VALVE			
PSI	..... POUNDS PER SQUARE INCH			
PSIG	..... POUNDS PER SQUARE INCH			
P/T	..... PRESSURE / TEMPERATURE			
REQ'D	..... REQUIRED			
RPBP	..... REDUCED PRESSURE BACKFLOW PREVENTER			
RPM	..... REVOLUTIONS PER MINUTE			
TYP.	..... TYPICAL			
UR	..... URINAL			
VTR	..... VENT THROUGH ROOF			
WC	..... WATER CLOSET			

X	..... EQUIPMENT MARK NUMBER	△	..... PRESSURE/TEMP RELIEF VALVE
XX	..... FIXTURE MARK	∩	..... BUTTERFLY VALVE
(E)	..... EXISTING	⊕	..... GAS PRESSURE REGULATING VALVE
#	..... NOTE	⊕ OR ⊖	..... TOP CONNECTION
⊕	..... CONNECT TO EXISTING	⊖	..... BOTTOM CONNECTION
⊕	..... CAP	⊕	..... PIPE TURNED UP, PIPE TURNED DOWN
⊕	..... TEE	⊕	..... GATE VALVE
⊕	..... ELBOW	OR ⊕	..... BALL VALVE
⊕	..... CLEANOUT	⊕	..... BALANCING VALVE
		⊕	..... CHECK VALVE
		⊕	..... UNION
		⊕	..... DOUBLE CHECK ASSEMBLY

PLUMBING CONNECTION SCHEDULE

MARK	FIXTURE	W	V	CW	HW	REMARKS
WC-1	WATER CLOSET	4"	2"	1"		FLOOR MOUNT, ADA, FLUSH VALVE
LV-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	WALL MOUNT, SEE SPECS.
S-1	SINK	2"	1-1/2"	1/2"	1/2"	W/GARBAGE DISPOSAL, NOTE 1, 2
SS-1	JANITOR'S SINK	3"	1-1/2"	1/2"	1/2"	NOTE 1, 2
FD-1	FLOOR DRAIN	3"	VL			J.R. SMITH 2050, NOTE 3.
FS-1	FLOOR SINK	3"	VL			CECO 906, NO GRATE, ENAMELED CI 12X12
DF-1	DRINKING FOUNTAIN	2"	1-1/2"	1/2"		DUAL HEIGHT/BOTTLE FILLER
RC-1	REFRIGERATOR CONNECTION	---	---	1/2"	---	GUY GRAY BIM 875
CO	CLEAN OUT	*	---	---	---	CLEAN OUT

*SEE PLAN FOR SIZE
 NOTES:
 1. PROVIDE W/ WALL CLEAN-OUT BELOW EACH SINK.
 2. SEE 1/P6.00 FOR DETAIL.
 3. SURFACE MEMBRANE CLAMPING STYLE FLOOR DRAIN, PER FLOORING MANUFACTURER. EQUAL MIFAB OR WATTS APPROVED. INSTALL PER FLOORING MANUFACTURER'S INSTALLATION GUIDE.

ELECTRIC WATER HEATERS

MARK NUMBER	WH 1
FUEL	ELECTRIC
CAPACITY (GAL)	45
KW	4.5 KW
RECOVERY CAP. @ 100F TR (GPH)	30
ELECTRICAL (V/PH)	208/1
DESIGN WEIGHT (LBS)	750
BASIS OF DESIGN: BRADFORD WHITE	LE 350S3-3

SUMP PUMP

MARK NUMBER	SP 1
SYSTEM	ELEVATOR
TYPE	SUMP
FLOW RATE (GPM)	50
HEAD (FT H2O)	15
MOTOR (HP)	1/2 HP
POWER (V/PH)	120/1

DOMESTIC HW RECIRC PUMPS

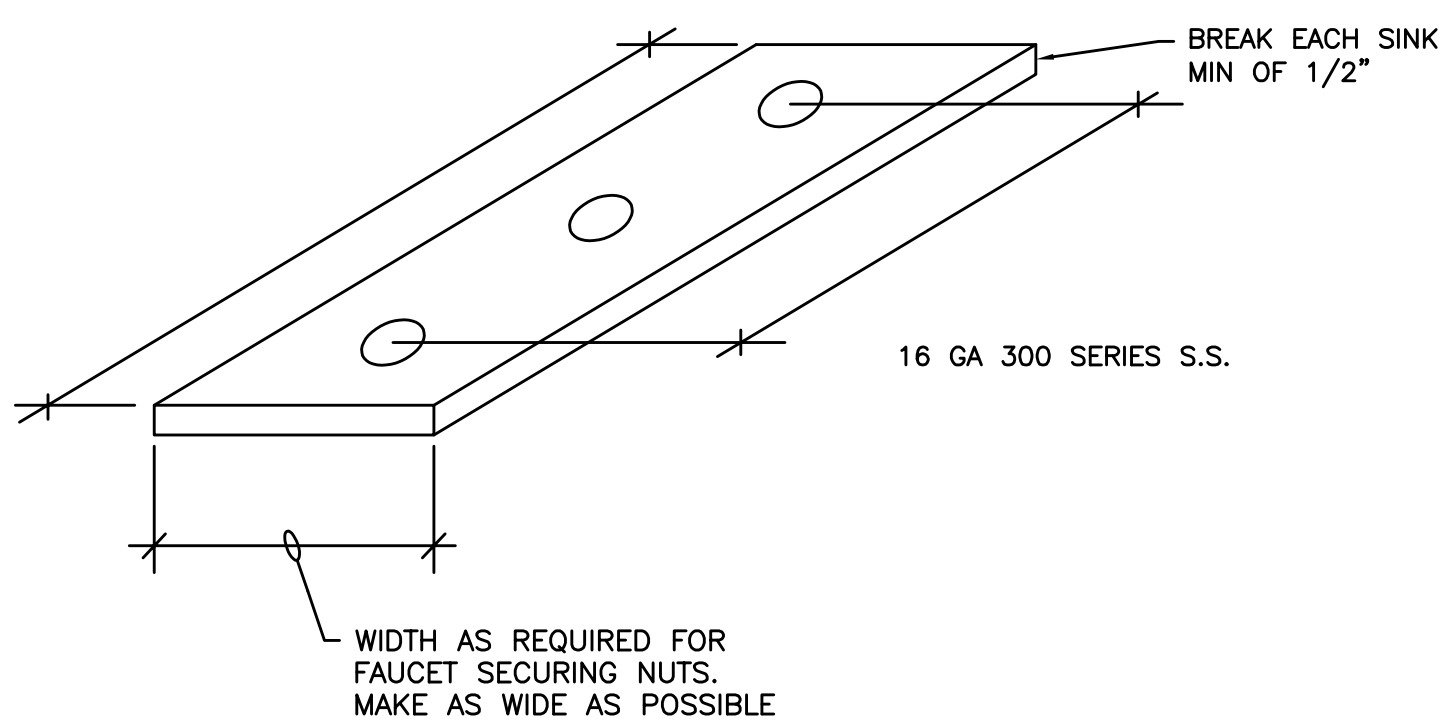
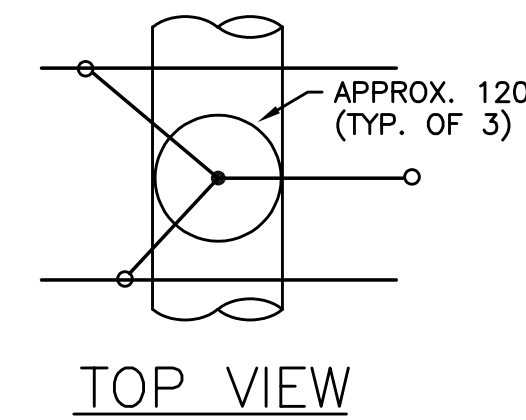
MARK NUMBER	RP 1
SERVICE	PHW RECIRC
TYPE	CIRC
CONTROLLED BY	AQUASTAT
ARRANGEMENT	IN-LINE
FLOW RATE (GPM)	1.25
HEAD (FT)	12
MOTOR HP	90 WATTS
POWER (V/PH)	120/1
RPM	3600RPM
DESIGN WEIGHT (LBS)	6 LBS

PLUMBING CALCULATIONS - 2019 OPSC

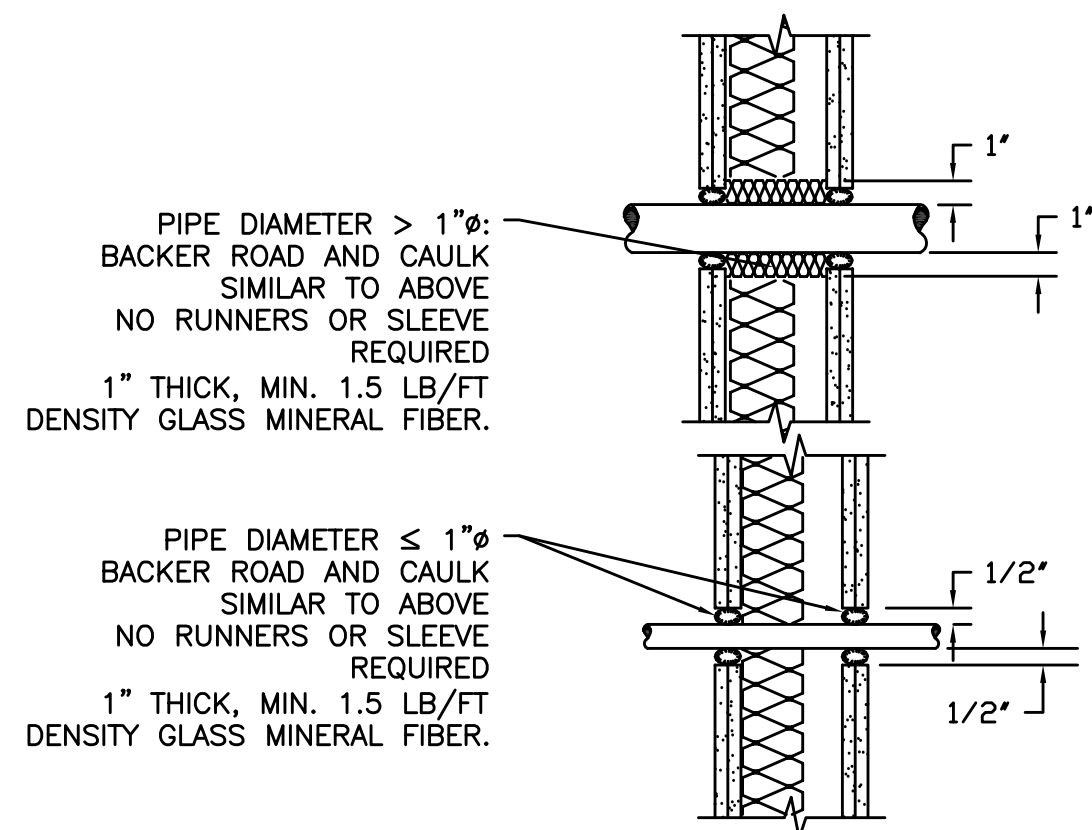
FIXTURE TYPE	DOMESTIC WATER SERVICE					SANITARY WASTE SERVICE	
	NUMBER OF FIXTURES	WATER FIXTURE UNITS	TOTAL WSFU	TOTAL CW FIXTURE UNITS	TOTAL HW FIXTURE UNITS	DRAINAGE FIXTURE UNITS	TOTAL DFU
DRINKING FOUNTAIN / WATER COOLER (GENERAL USE)	1	0.5	0.5	0.5	0	0.5	0.5
KITCHEN SINK (GRINDER & DISHWASHER)	1	3	3	2.25	2.25	2	2
LAVATORY (SINGLE)	5	1	5	3.75	3.75	1	5
MOP BASIN	2	3	6	4.5	4.5	3	6
RECEPTOR (ELEVATOR WASTE)	1	0	0	0	0	100	100
RECEPTOR (INDIRECT WASTE)	2	---	---	---	---	1	2
WATER CLOSET (1.6 GPF TANK-GENERAL)	5	2.5	12.5	12.5	0	4	20
HOSE BIBB (FIRST ONE)	1	2.5	2.5	2.5	0	---	0
	0	0	0	0	0	---	0
TOTAL	18	29.5	26	10.5		135.5	
		Water Demand 20	GPM			Waste Pipe Size 4"	
		CW Main Size 1-1/4"					

3/P6.00 NOTES

① - 1/4" GALV. THREADED EYE BOLT @ CENTER OF WOOD MEMBER (TYP. OF 3). FOR Z-GIRT USE MACHINE THREAD EYE BOLT W/ JAMB NUT & 1/4" WASHER @ EACH SIDE OF GIRT
 * - MAXIMUM HANGER SPACING SHALL BE AS FOLLOWS:
 1-1/4" AND SMALLER PIPE 7" SPAN
 1-1/2" PIPE 9" SPAN



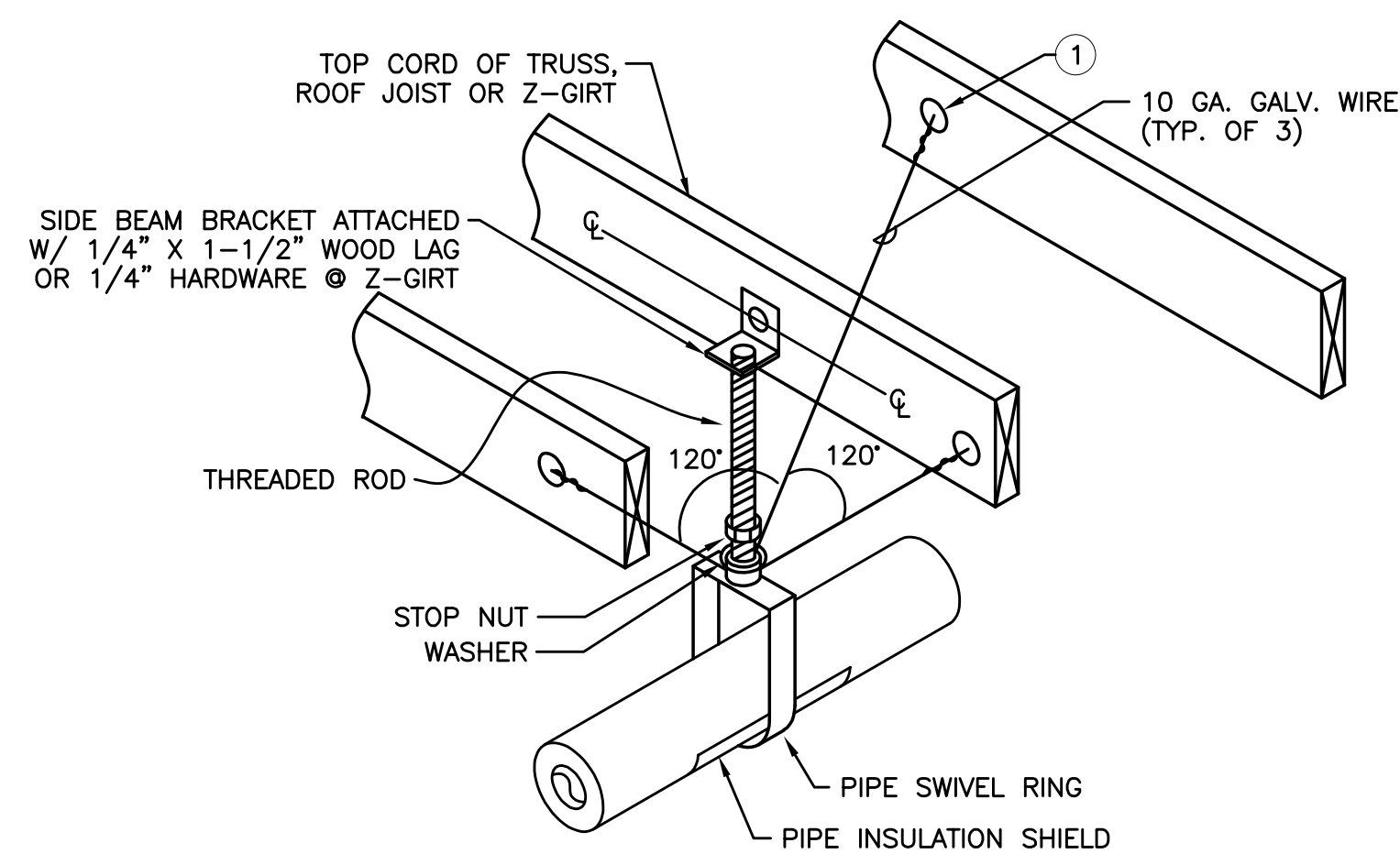
1 SINK REINFORCEMENT
 SCALE: DETAIL



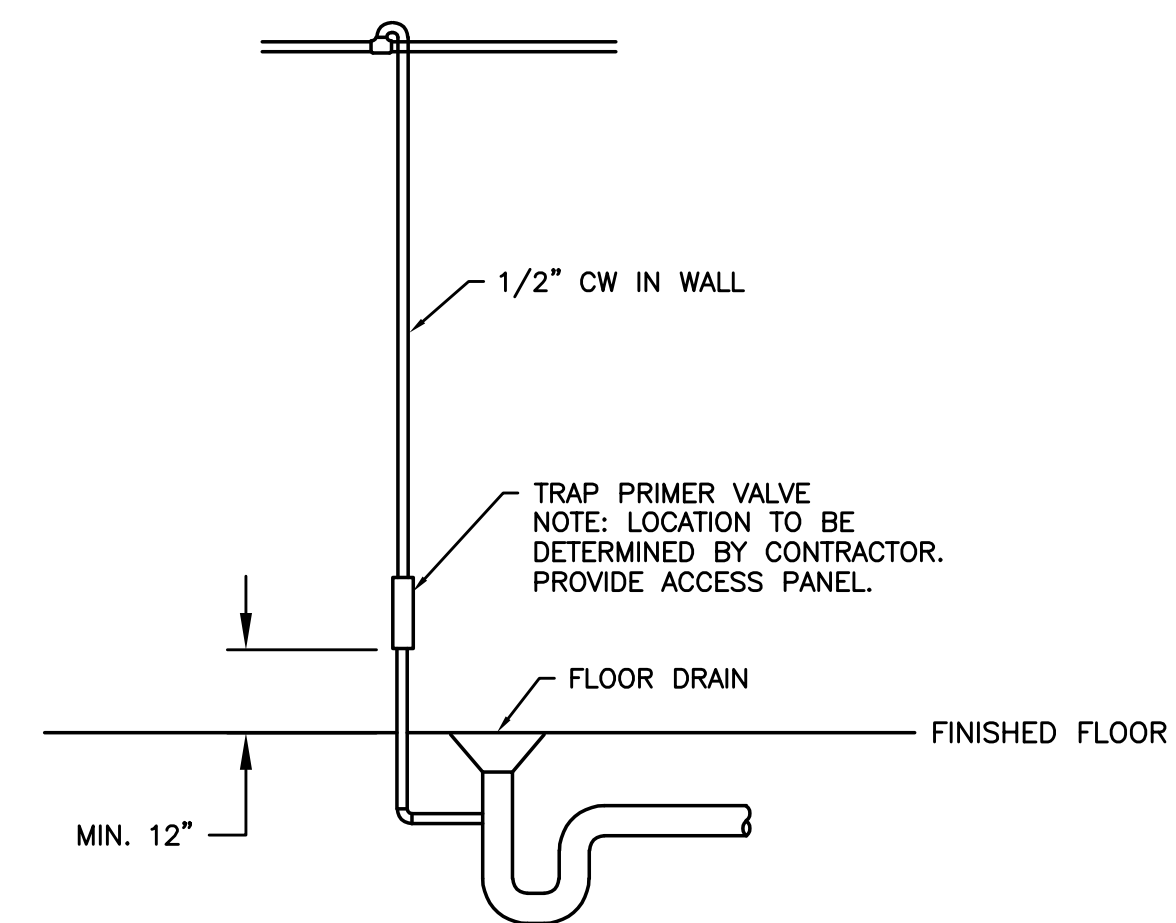
2 PIPE/CONDUIT PENETRATION DRYWALL CONSTRUCTION
 TO BE APPLIED TO WALLS WITH STC ≥ 49

SEE ARCHITECTURAL DRAWINGS FOR ACOUSTICALLY IMPORTANT WALLS (WALL TYPES). SEAL PENETRATIONS IN THOSE WALLS PER THESE DETAILS

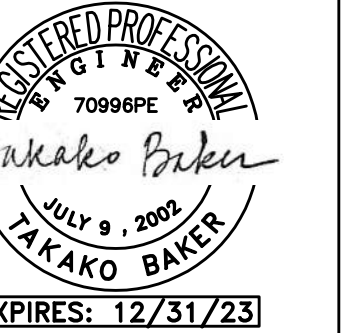
2 ACCOUSTICAL DUCT PENETRATION
 SCALE: DETAIL



3 NON-SEISMIC PIPE SUPPORT
 SCALE: DETAIL



4 TRAP PRIMER
 NOT TO SCALE

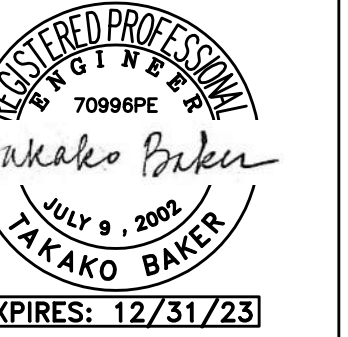


CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023

SHEET TITLE:
PLUMBING LEGEND, SCHEDULES AND DETAILS



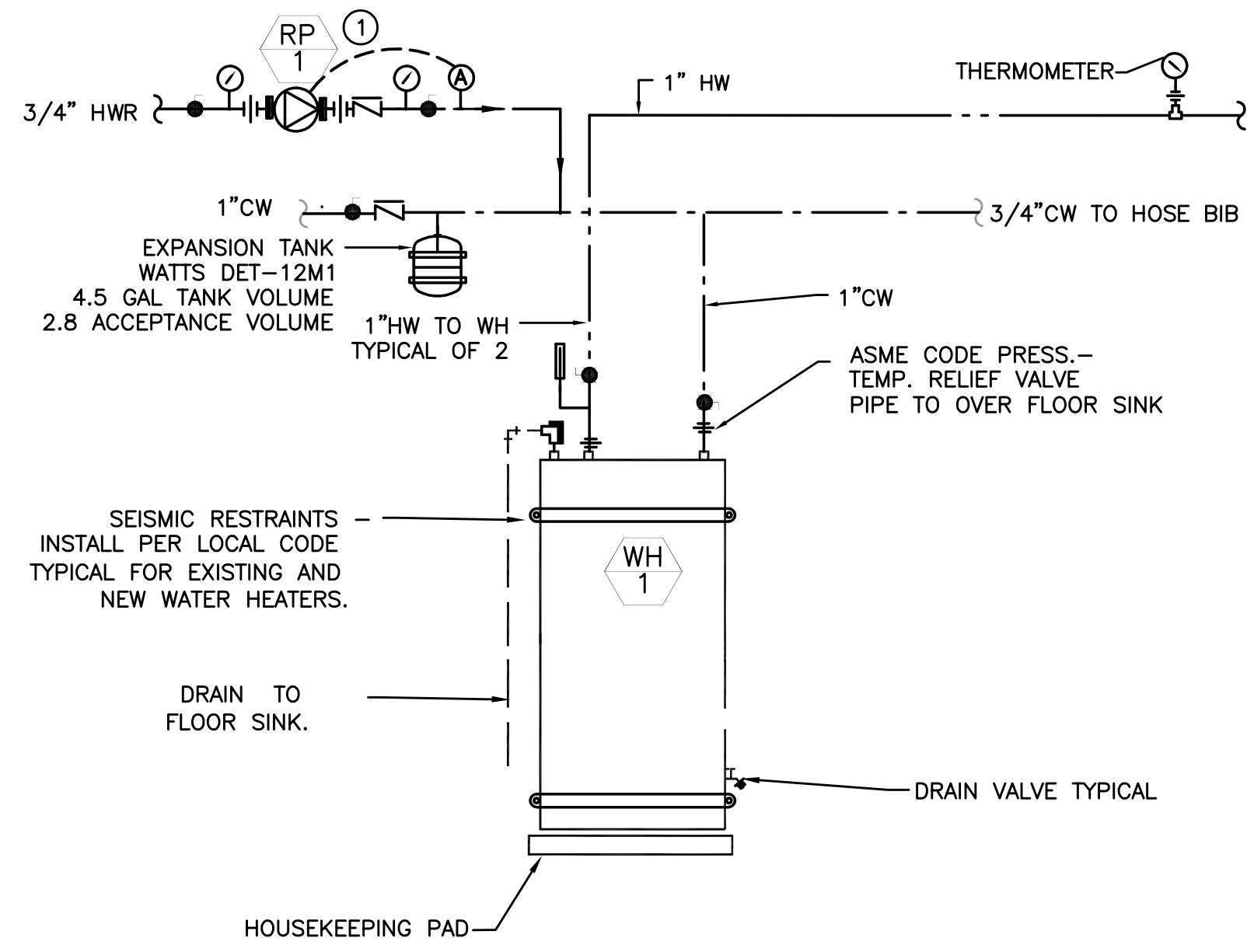
CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: JULY 2023
SHEET TITLE:
**PLUMBING
DETAILS**

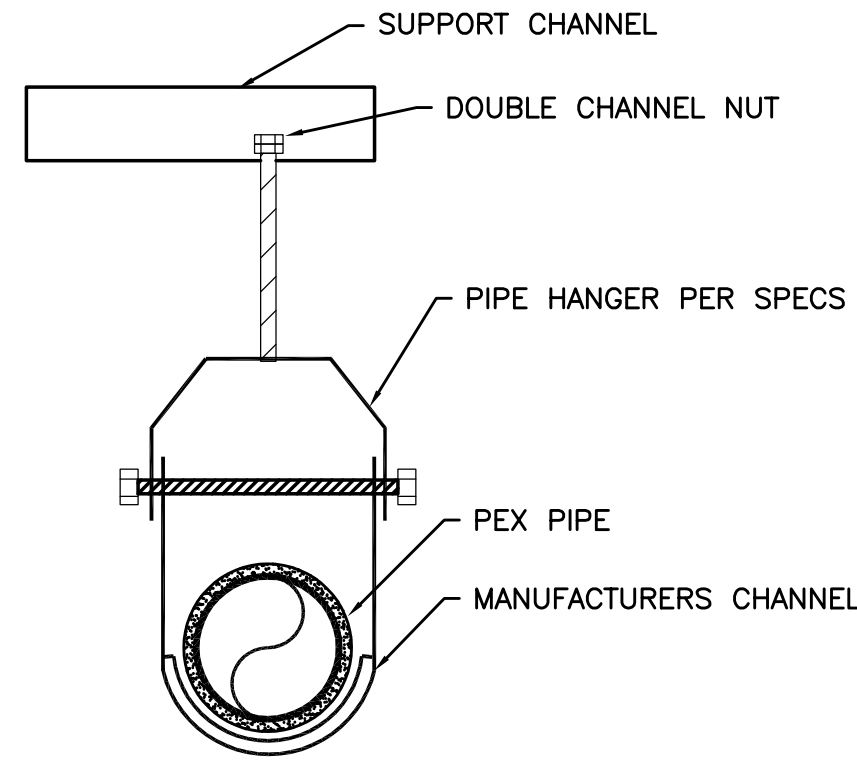
P-601

**M
E
A
INC.** Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0877
WWW.MPIA-ENG.COM
CONTACT: TAKAKO BAKER



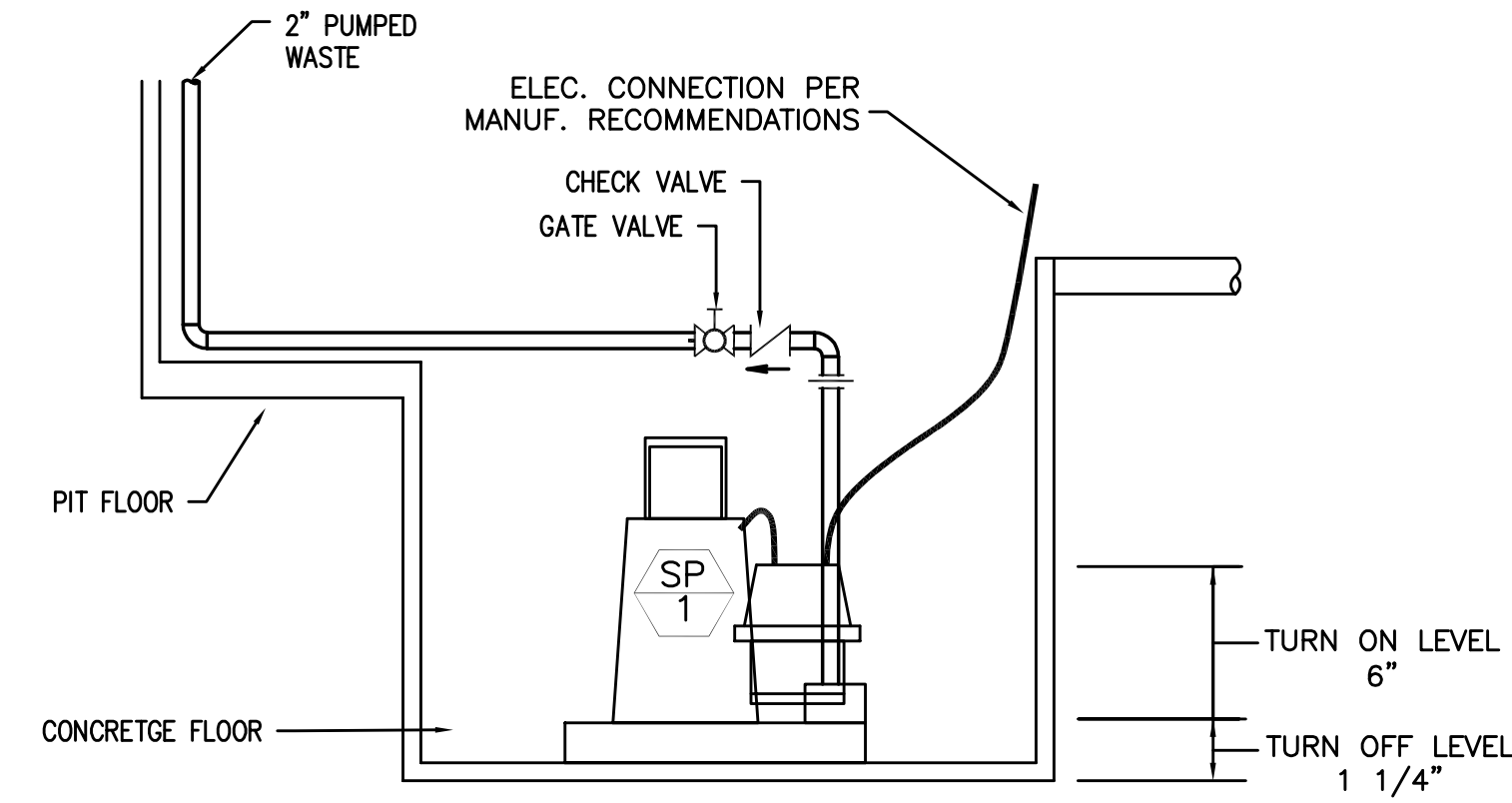
NOTES
① PROVIDE 7-DAY PROGRAMMABLE ELECTRONIC TIMECLOCK CONTROL TO START/STOP PUMP PER BUILDING OCCUPIED SCHEDULE.

1 WATER HEATER (WH-1) DETAIL
P602 SCALE: DETAIL

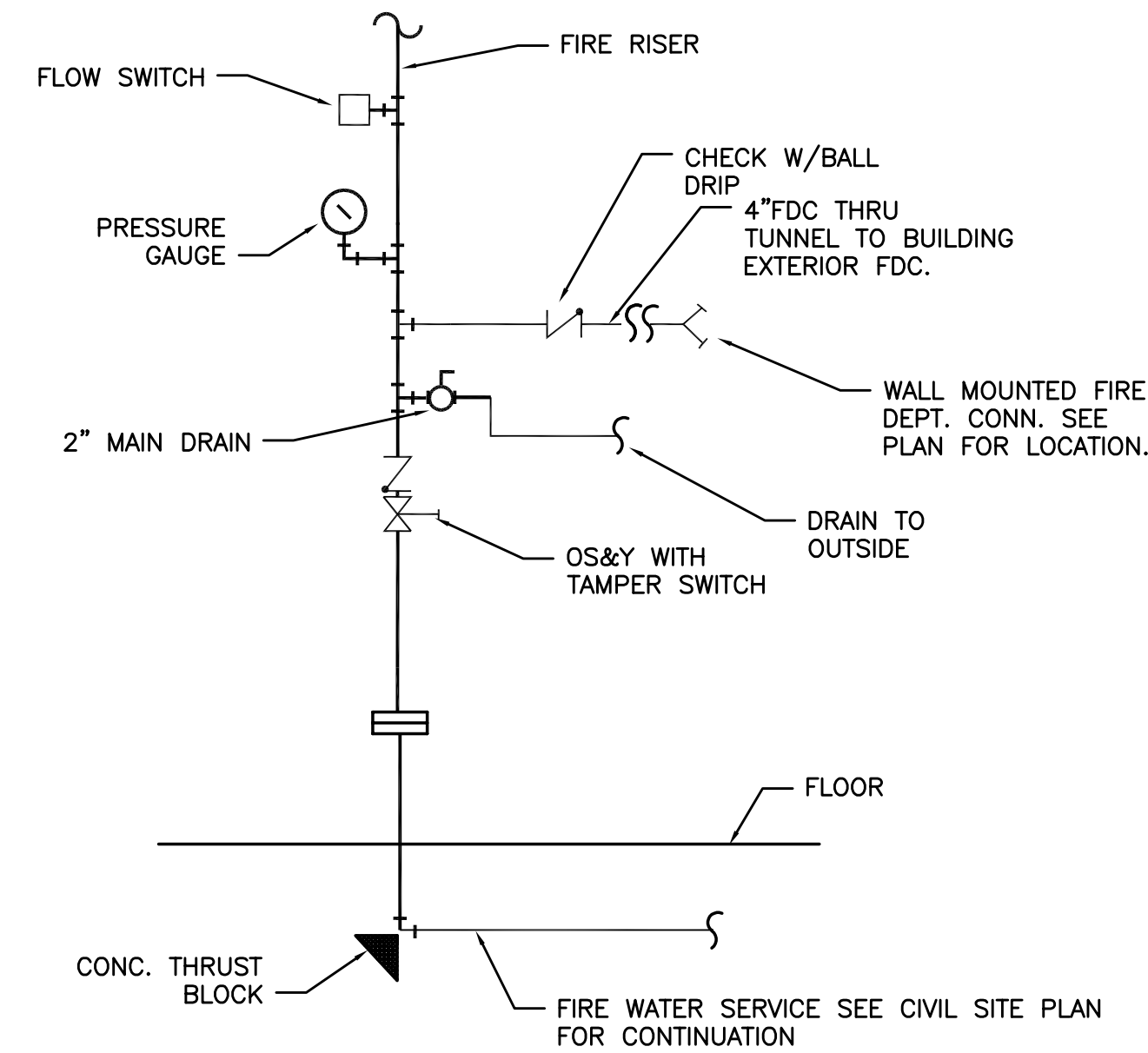


NOTE: INSULATE OVER MANUFACTURERS CHANNEL

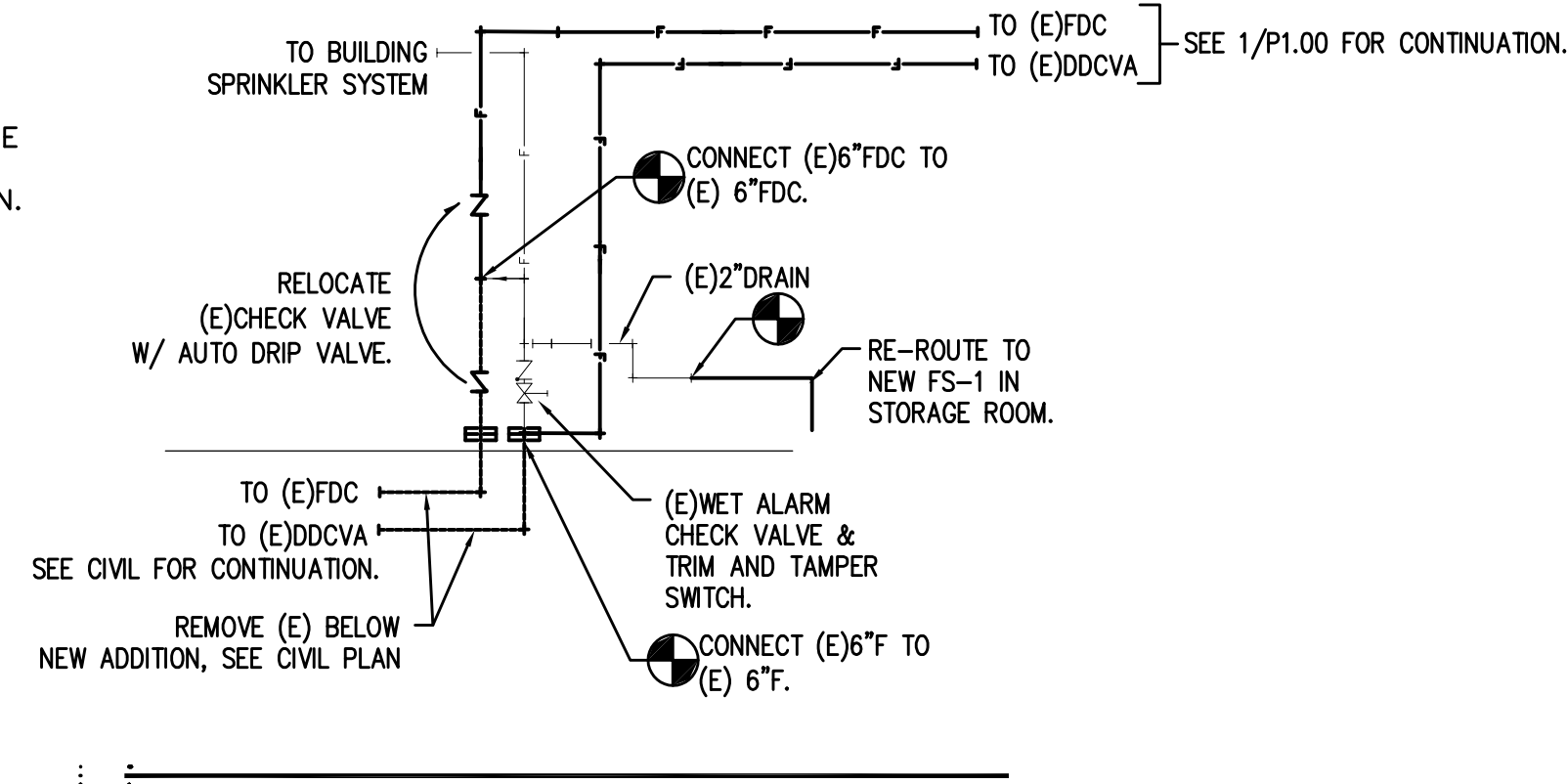
2 PEX SUPPORT DETAIL
P602 SCALE: DETAIL



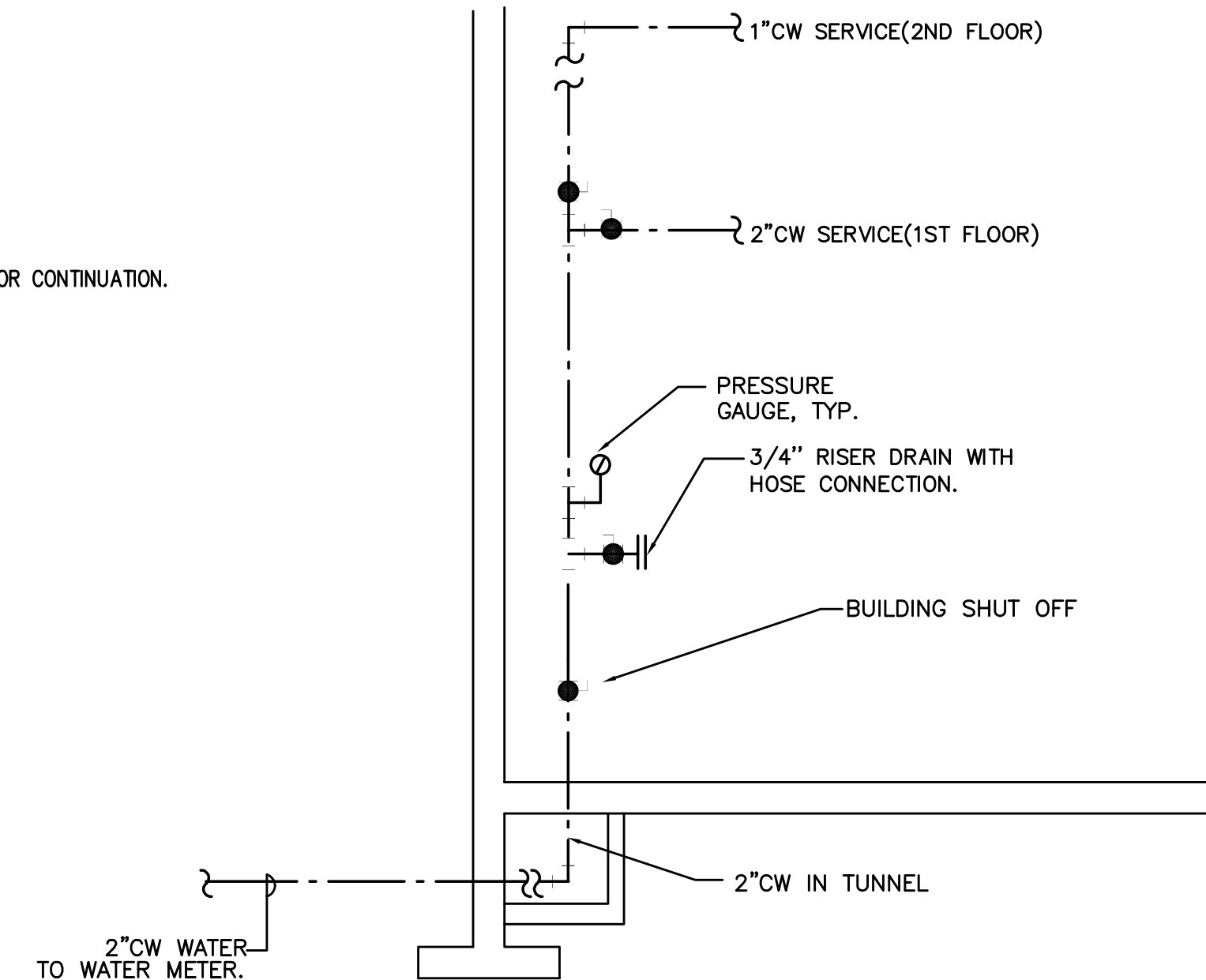
3 ELEVATOR SUMP PUMP
P602 SCALE: DETAIL



4 FIRE RISER DIAGRAM
P602 NO SCALE



5 DCW RISER DIAGRAM
P602 NO SCALE



5 DCW RISER DIAGRAM
P602 NO SCALE

ELECTRICAL SYMBOL SCHEDULE

SYMBOLS	ONLINE DIAGRAM	NOTES
	MOLDED CASE CIRCUIT BREAKER	
	TRANSFORMER	
	CURRENT TRANSFORMER(S)	
	METER, TYPE AS NOTED	
	GROUND	
	NEUTRAL BUS	
	MOTOR WITH MOTOR NUMBER (SEE EQUIPMENT SCHEDULE)	
	COMBINATION FIRE SMOKE DAMPER	
	EQUIPMENT NUMBER (SEE EQUIPMENT SCHEDULE)	
	NON-FUSED DISCONNECT SWITCH	
	FUSED DISCONNECT SWITCH (FUSES SIZED PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS UNO.)	
	COMBINATION MOTOR STARTER / FUSED DISCONNECT SWITCH	
	SUB-DISTRIBUTION PANELBOARD OR SWITCHBOARD	
	BRANCH CIRCUIT PANELBOARD	
	MISCELLANEOUS PANEL AS NOTED	
	MAIN DISTRIBUTION PANELBOARD	
	TRANSFORMER	

SYMBOLS	RACEWAYS	NOTES
	BRANCH CIRCUIT INSTALLED CONCEALED FROM FINISH SPACES. PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE. GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION.	
	BRANCH CIRCUIT INSTALLED IN OR BELOW FLOOR. PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE. GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION.	
	BRANCH CIRCUIT ABOVE PANEL. HASH MARKS INDICATES NUMBER OF CONDUCTORS. PROVIDE GROUND CONDUCTOR AS INDICATED IN PANEL SCHEDULE. GROUND CONDUCTOR NOT INCLUDED IN HASH MARK INDICATION.	
	LOW VOLTAGE EMPTY CONDUIT WITH FULL STRING - 3/4" UNO	
	FULL BOX, 6" x 6" x 4" UNLESS NOTED OTHERWISE	
	JUNCTION BOX, 4" SQUARE UNLESS OTHERWISE NOTED	
	4" CONDUIT BLEEVE WITH BUSHINGS AT BOTH ENDS. LOCATE AT 6" ABOVE ACCESSIBLE CEILING. FIRESTOP WITH UL APPROVED SYSTEM.	
	CONDUIT STUB-OUT CAP. MARK WITH APPROVED MARKER	
	CONDUIT, UP	
	CONDUIT, DOWN	

SYMBOLS	RECEPTACLES	NOTES
	WHEN ADDED TO A SYMBOL, INDICATES OUTLET MOUNTED WITH BOTTOM OF OUTLET AT 2" ABOVE CENTER TOP OR BACK SPLASH UNO.	
	DUPLEX CONVENIENCE OUTLET	+ 18"
	GFI DUPLEX CONVENIENCE OUTLET	+ 18"
	DUPLEX OUTLET CONNECTED TO EMERGENCY CIRCUIT	+ 18"
	DOUBLE DUPLEX CONVENIENCE OUTLET	+ 18"
	SINGLE PHASE SPECIAL PURPOSE OUTLETS, AS NOTED	+ 18" UNO
	THREE PHASE SPECIAL PURPOSE OUTLETS, AS NOTED	+ 18" UNO
	FLUSH FLOOR OUTLET AS SHOWN	

SYMBOLS	TELEPHONE / DATA	NOTES
	WHEN ADDED TO SYMBOL, INDICATES OUTLET MOUNTED WITH BOTTOM OF OUTLET AT 2" ABOVE CENTER TOP OR BACK SPLASH UNO	
	TELE/DATA. PROVIDE CABLES AS SHOWN	+ 18"
	W/ ADDED TO SYMBOL INDICATES WALL MOUNTED	+ 60"
	FLOOR OUTLET WITH CABLES AS SHOWN	
	TELEPHONE TERMINAL BOARD, 8" HIGH (WIDTH AS SHOWN), 3/4" FIRE RESISTIVE PLYWOOD WITH # 6 CU GND	
	WIRELESS ACCESS PORT. PROVIDE (1) CAT6A CABLES	

SYMBOLS	LIGHT FIXTURES	NOTES
	WHEN ADDED TO LIGHT FIXTURE SYMBOL - INDICATES WALL OR BRACKET MOUNTED LIGHT FIXTURE SURFACE OR PENDANT MOUNTED LIGHT FIXTURE OUTLET. NUMBER INDICATES CIRCUIT. CAPITAL LETTER INDICATES FIXTURE TYPE. LOWER CASE LETTER INDICATES SWITCHING CONTROL. TYPICAL FOR ALL LIGHT FIXTURES.	
	RECESSED CEILING LIGHT FIXTURE	
	RECESSED WALL WASHER, UNSHADED SIDE INDICATED DIRECTION OF WALL WASHING	
	FLUORESCENT LIGHT FIXTURE	
	FLUORESCENT STRIP LIGHT FIXTURE	
	SINGLE FACE EXIT SIGN WITH NUMBER OF DIRECTIONAL ARROWS AS SHOWN. CEILING MOUNTED. SOLID QUADRANT INDICATES FACE.	

SYMBOLS	SWITCHES	NOTES
	SINGLE POLE LIGHT SWITCH	+ 46"
	THREE WAY LIGHT SWITCH	+ 46"
	MOTOR RATED SWITCH	+ 46"
	OCCUPANCY SENSOR - C=CEILING W=WALL MOUNTED	
	PHOTOELECTRIC SWITCH	

SYMBOLS	SECURITY	NOTES
	SECURITY CAMERA. PROVIDE J-BOX WITH CAT 6 & CABLE	
	ELECTRONICALLY CONTROLLED LOCK	
	DOOR POSITION SWITCH	
	MOTION DETECTOR (OMNI DIRECTIONAL)	+ 44"
	CARDREADER	+ 44"
	ACCESS BUTTON	+ 44"

SYMBOLS	AUDIO / VISUAL	NOTES
	CEILING SPEAKER	
	WALL MOUNTED SPEAKER	+ 80"
	WALL MOUNTED SPEAKER HORN	+ 80"
	TELEVISION (VIDEO) OUTLET	+ 18"
	INTERCOM REQUEST STATION (SPEAKER & PUSH BUTTON)	+ 44"

SYMBOLS	FIRE ALARM	NOTES
	MANUAL PULL STATION	+ 44"
	COMBINATION VISUAL / AUDIBLE ALARM	+ 80" AFTB
	VISUAL STROBE ALARM	+ 80" AFTB
	PHOTOELECTRIC SMOKE DETECTOR (CEILING MOUNTED UNO)	
	IONIZATION SMOKE DETECTOR (CEILING MOUNTED UNO)	
	MAGNETIC DOOR HOLDER	
	HEAT DETECTOR (CEILING MOUNTED, 18" UNO)	

SYMBOLS	ABBREVIATIONS	NOTES
AIC	AMPERE INTERRUPTING CAPACITY	
AHP	AMPERE	
C	CONDUIT	
EC	EMPTY CONDUIT (WITH FULL-IN LINE)	
ELEC	ELECTRICAL	
FAAP	FIRE ALARM ANNUNCIATOR PANEL	
FACP	FIRE ALARM CONTROL PANEL	
G	GROUND	
GEN	GENERATOR	
GFI	GROUND FAULT CIRCUIT INTERRUPTER TYPE	
HP	HORSEPOWER	
IG	ISOLATED GROUND	
MECH	MECHANICAL	
MFGR	MANUFACTURER	
NEC	NATIONAL ELECTRIC CODE	
NL	NIGHT LIGHT	
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	24 HOUR ON
OFOI	OWNER FURNISHED OWNER INSTALLED	
PB	PULL BOX	
PH	PHASE	
PNL	PANEL	
POWR	POWER	
SYS	SYSTEM	
T	TELEPHONE	
TB	TELEPHONE TERMINAL BOARD	
TYP	TYPICAL	
UNO	UNLESS NOTED OTHERWISE	
V	VOLT	
VP	VANDAL PROOF	
W	WATT	
WP	WEATHERPROOF TYPE	

NOTES

- ALL SYMBOLS MAY NOT APPLY DIRECTLY TO THIS JOB.
- ALL MOUNTING HEIGHTS SHOWN ARE TO CENTERLINE OF DEVICE.
- ALL MOUNTING HEIGHTS ARE TYPICAL ON PLANS.

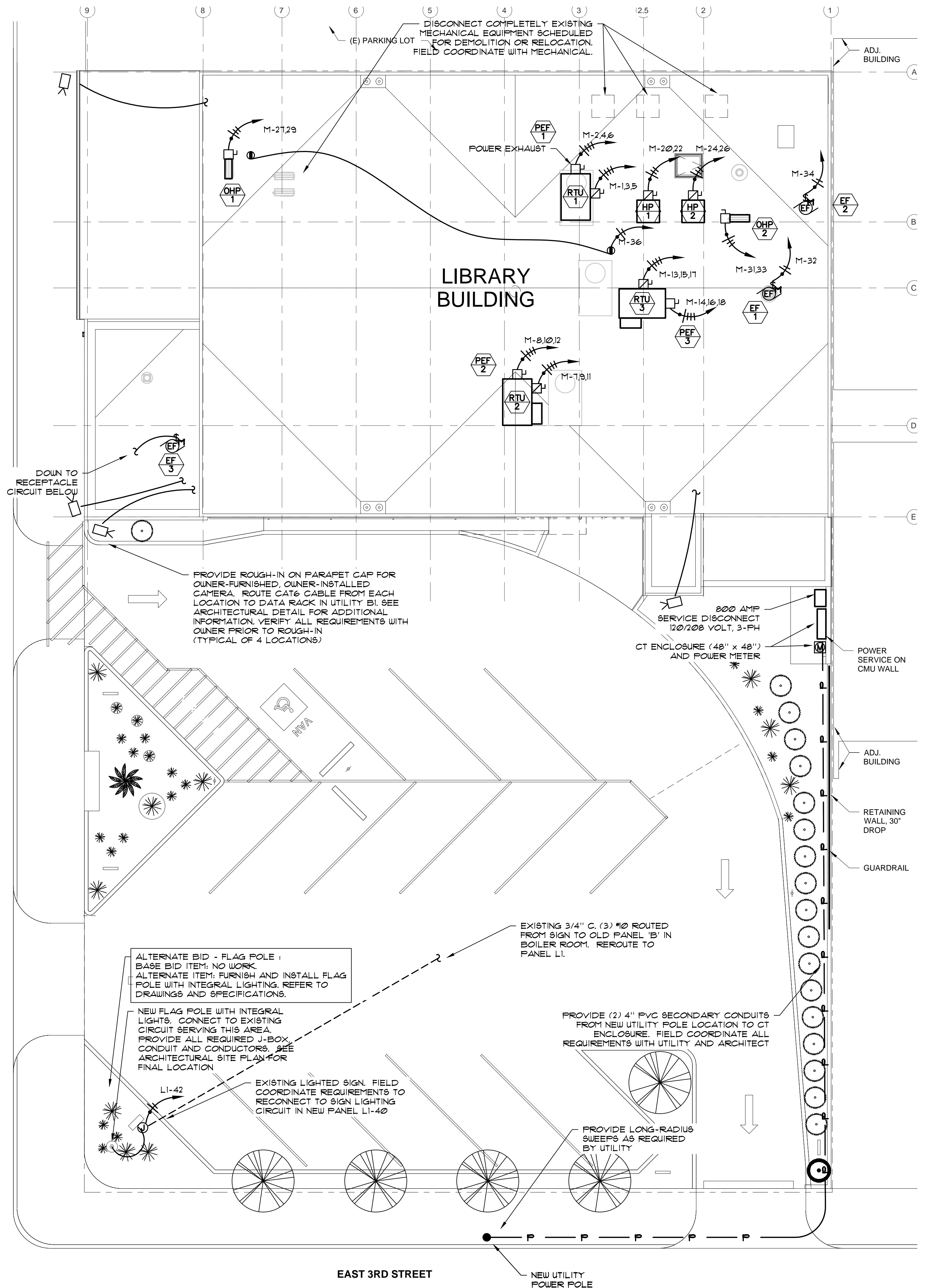
KEYED NOTES

◇ PROVIDE 1" CONDUIT FROM OUTLET BOX TO ACCESSIBLE LOCATION ABOVE CEILING, UNLESS NOTED OTHERWISE. TERMINATE CONDUITS WITH BLUE INSULATED BOX CONNECTORS AND LABEL SYSTEM. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. ROUTE CAT6 or 6a CABLE(S) TO DATA RACK

PROJECT NOTES

- ALTERNATES: SEE SCHEDULE OF ALTERNATES IN SPECIFICATION SECTION 01-2300 ALTERNATES.
- PROVIDE LOCK-OUT BREAKER FOR ALL PERMANENTLY CONNECTED APPLIANCES OVER 300 VA

SHEET No.	SHEET DESCRIPTION
E1.0	SYMBOLS & SITE PLAN
E1.1	PANEL SCHEDULES & I-LINE DIAGRAM
E1.2	DEMOLITION
E2.1	FIRST FLOOR PLAN - LIGHTING
E2.2	SECOND FLOOR PLAN - LIGHTING
E3.0	UNDER FLOOR TUNNEL PLAN - POWER & SIGNAL
E3.1	FIRST FLOOR PLAN - POWER & SIGNAL
E3.2	SECOND FLOOR PLAN - POWER & SIGNAL



1 ELECTRICAL SITE PLAN
E1.0 SCALE: 1/8" = 1'-0"

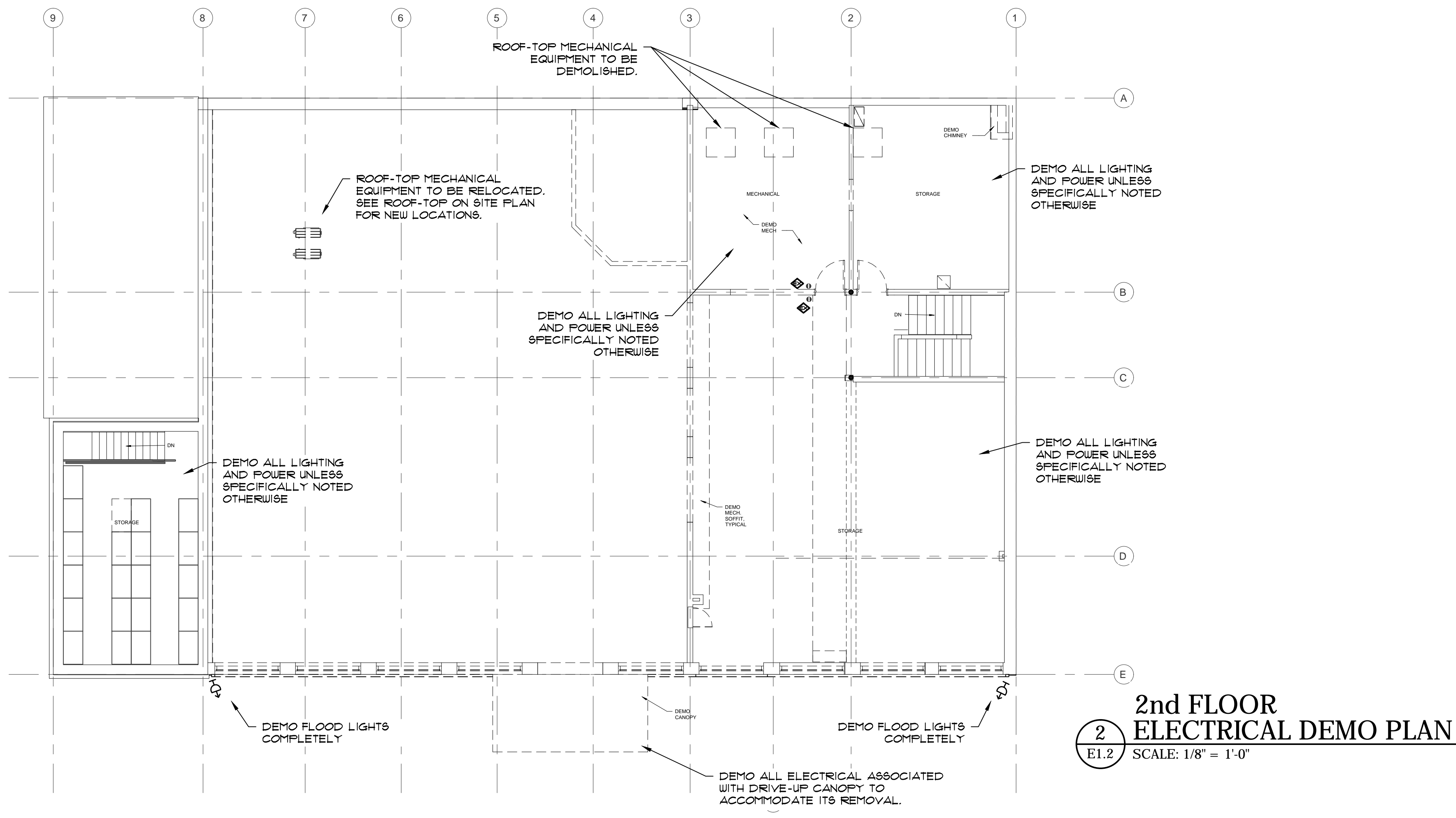
CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

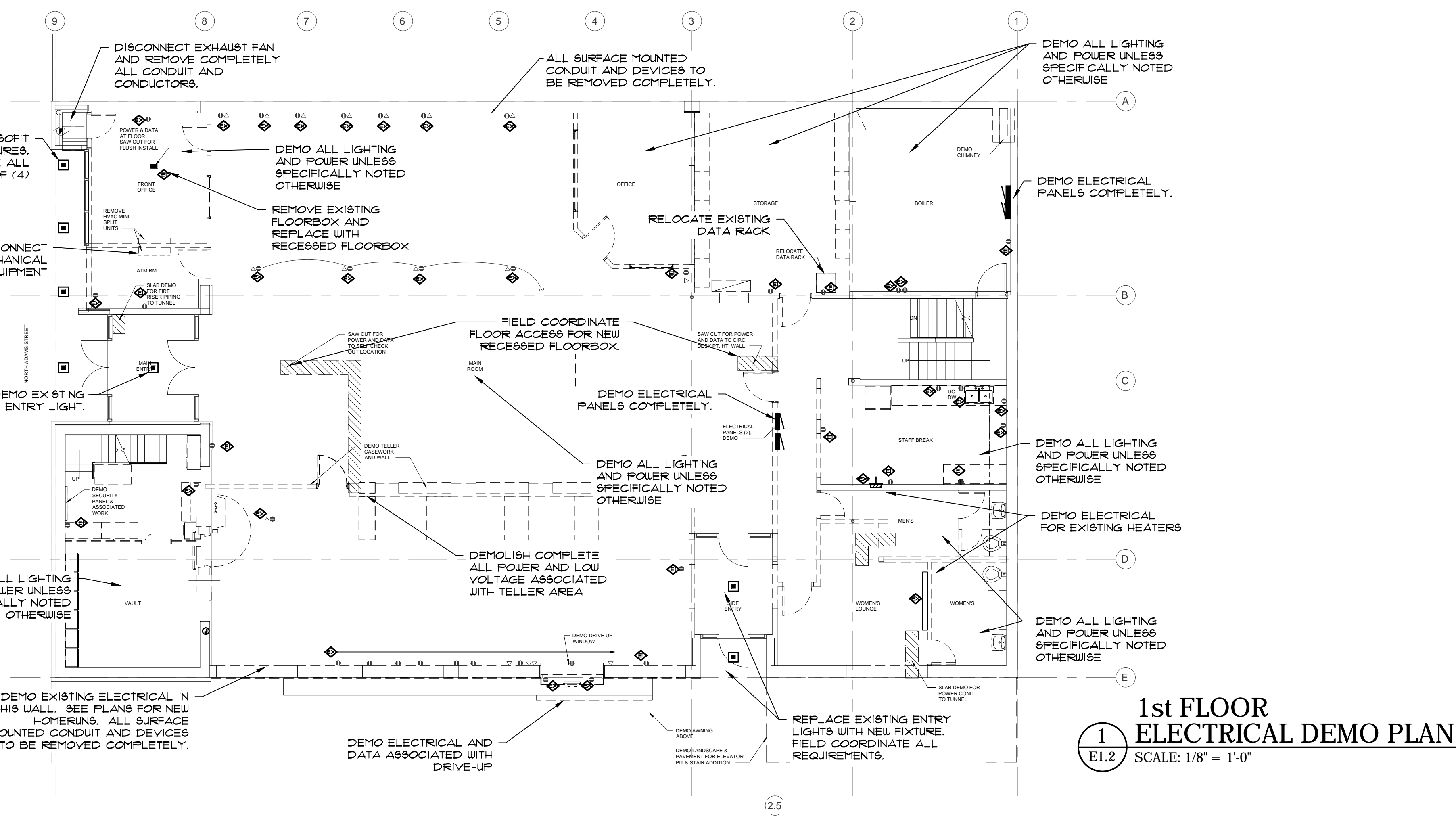
DATE: APRIL 2024 Y 2022
SHEET TITLE:

ELECTRICAL
SITE PLAN

E1.0



2nd FLOOR ELECTRICAL DEMO PLAN
 E1.2 SCALE: 1/8" = 1'-0"



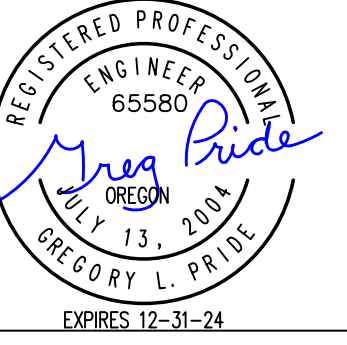
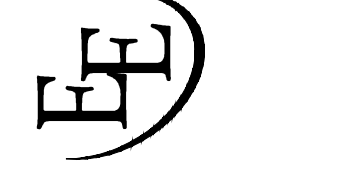
1st FLOOR ELECTRICAL DEMO PLAN
 E1.2 SCALE: 1/8" = 1'-0"

DEMOLITION NOTES

1. EXISTING ELECTRICAL PLANS ARE AVAILABLE AND SHOULD BE REFERENCED PRIOR TO COMMENCING ON DEMOLITION. ORIGINAL PLANS INCLUDE 1995 AND 1995 DRAWINGS.
2. WORK SHOWN ON PLAN IS BASED ON AVAILABLE INFORMATION AT THE TIME OF DESIGN. CONTRACTOR IS TO FIELD VERIFY AND COORDINATE PROJECT REQUIREMENTS WITH EXISTING CONDITIONS.
3. SERVICE 4 DISTRIBUTION EQUIPMENT. IT IS THE INTENTION OF THIS PROJECT TO COMPLETELY REPLACE THE EXISTING ELECTRICAL SERVICE AND DISTRIBUTION SYSTEM. DEMO EXISTING EQUIPMENT AND PROVIDE COMPLETELY NEW INSTALLATION AS INDICATED ON PLANS.
4. LIGHTING: IT IS THE INTENTION OF THIS PROJECT TO COMPLETELY REMOVE AND REPLACE LIGHTING SYSTEMS, CONTROLS, CONDUIT AND CONDUCTORS. EXISTING CONDUIT, CONDUCTORS, J-BOXES, AND CONTROL LOCATIONS MAY BE REUSED IF SUITABLY LOCATED TO ACCOMMODATE THE NEW INSTALLATION AND ARE IN GOOD OPERATING CONDITION. NOT ALL COMPONENTS ARE SHOWN ON THE DEMOLITION PLAN.
5. RECEPTACLES: IT IS THE INTENTION OF THIS PROJECT TO COMPLETELY REMOVE AND REPLACE ALL RECEPTACLES AND OTHER POWER OUTLETS AND THEIR ASSOCIATED CONDUIT AND CONDUCTORS. EXISTING CONDUIT, CONDUCTORS AND J-BOXES MAY BE REUSED IF SUITABLY LOCATED TO ACCOMMODATE THE NEW INSTALLATION AND ARE IN GOOD OPERATING CONDITION. NOT ALL COMPONENTS ARE SHOWN ON THE DEMOLITION PLAN.
6. LOW VOLTAGE: IT IS THE INTENTION OF THIS PROJECT TO COMPLETELY REMOVE AND REPLACE ALL LOW VOLTAGE SYSTEMS AND THEIR ASSOCIATED CONDUIT AND CONDUCTORS. EXISTING CONDUIT AND J-BOXES MAY BE REUSED IF SUITABLY LOCATED TO ACCOMMODATE THE NEW INSTALLATION AND ARE IN GOOD OPERATING CONDITION. NO DATA CONDUCTORS SHALL BE REUSED. NOT ALL COMPONENTS ARE SHOWN ON THE DEMOLITION PLAN.
7. REUSE OF EXISTING CONDUIT AND CONDUCTORS IS PERMITTED SO LONG THAT ALL EXISTING COMPONENTS PLANNED FOR REUSE ARE IN GOOD OPERATING CONDITION. UNSUITABLE ITEMS SHALL NOT BE REUSED.
8. WIRING WHICH SERVES USABLE EXISTING OUTLETS SHALL BE REROUTED AND RESTORED CLEAR OF CONSTRUCTION. MAINTAIN ELECTRICAL CONTINUITY OF EXISTING SYSTEM. REPAIR AND RECONDITION ASSOCIATED SURFACES TO MATCH ADJACENT SURFACES. VERIFY EXACT LOCATIONS IN THE FIELD.
9. UNLESS NOTED OTHERWISE, ALL EQUIPMENT AND DEVICES SHOWN ON THIS PLAN ARE TO BE DISCONNECTED AND REMOVED. WITH THE EXCEPTION OF WIRING TO BE REUSED DURING NEW INSTALLATION, REMOVE ALL UNUSED WIRING AND CONDUIT BACK TO PANEL OR ORIGIN. WIRING WHICH SERVES USABLE EXISTING LIGHTING AND POWER OUTLETS SHALL BE REROUTED AND RESTORED CLEAR OF CONSTRUCTION. MAINTAIN ELECTRICAL CONTINUITY OF EXISTING SYSTEM.
10. CONTRACTOR SHALL COORDINATE AND PERFORM NECESSARY ELECTRICAL DEMOLITION WORK ASSOCIATED WITH ALL ITEMS AND EQUIPMENT TO BE REMOVED. FIELD COORDINATE WITH ARCHITECT AND MECHANICAL CONTRACTOR.
11. DISCONNECT AND REMOVE ELECTRICAL CONNECTION AND ASSOCIATED WIRING TO EXISTING MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO DEMOLITION. VERIFY EXACT LOCATION IN THE FIELD.

KEYED NOTES

- Ⓜ EXISTING RECEPTACLE TO REMAIN. VERIFY SUITABILITY OF CONDUCTORS AND REPLACE AS NECESSARY. REPLACE DEVICE AND COVER PLATE TO MATCH NEW. RELOCATE DEVICE TO +18" AFF UNO
- Ⓜ EXISTING RECEPTACLE SHOWN 1955 OR 1995 ELECTRICAL PLANS. VERIFY LOCATION. VERIFY SUITABILITY OF CONDUCTORS AND REPLACE AS NECESSARY. REPLACE DEVICE AND COVER PLATE TO MATCH NEW. BLANK COVER PLATES ARE NOT ACCEPTABLE UNLESS APPROVED BY ARCHITECT.
- Ⓜ DEMOLISH COMPLETELY



CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: APRIL 2024 Y 2022

SHEET TITLE:

DEMOLITION

E1.2

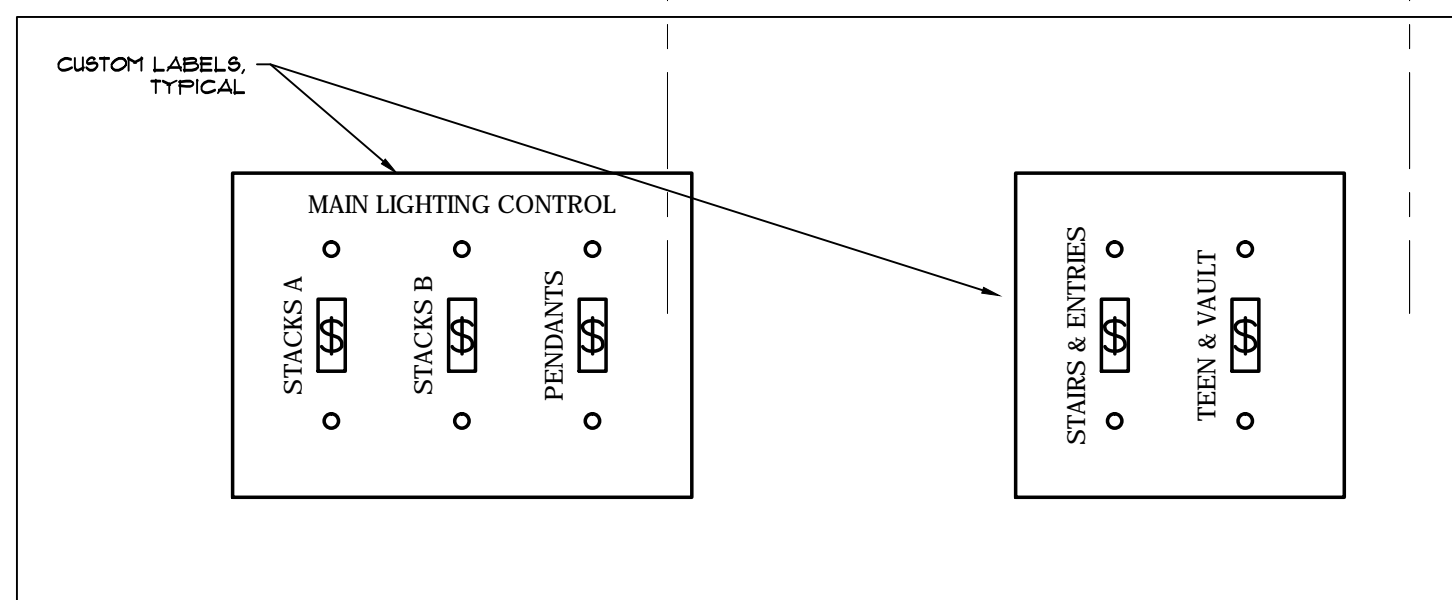
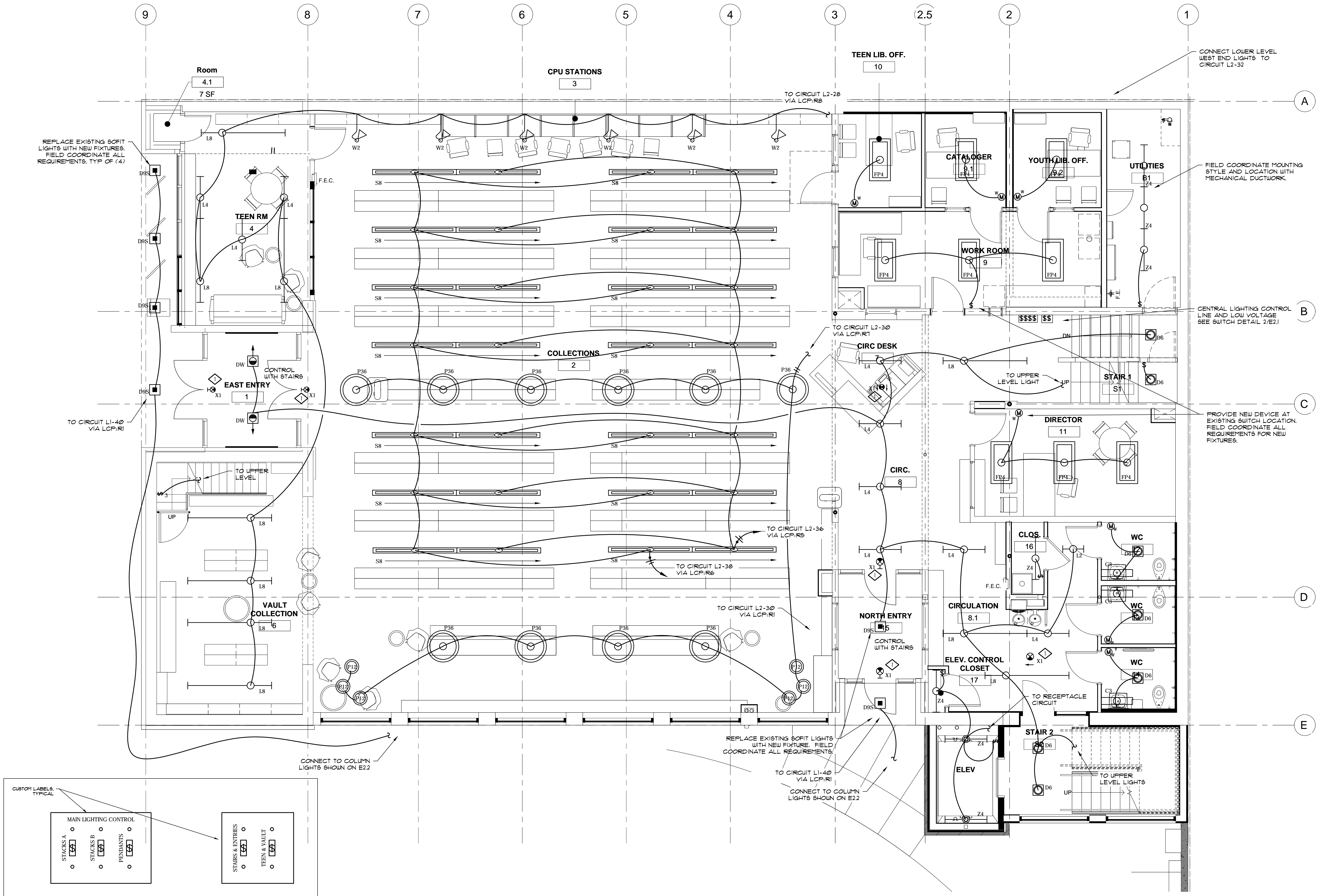
CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: APRIL 2022
SHEET TITLE:

1st FLOOR
LIGHTING PLAN

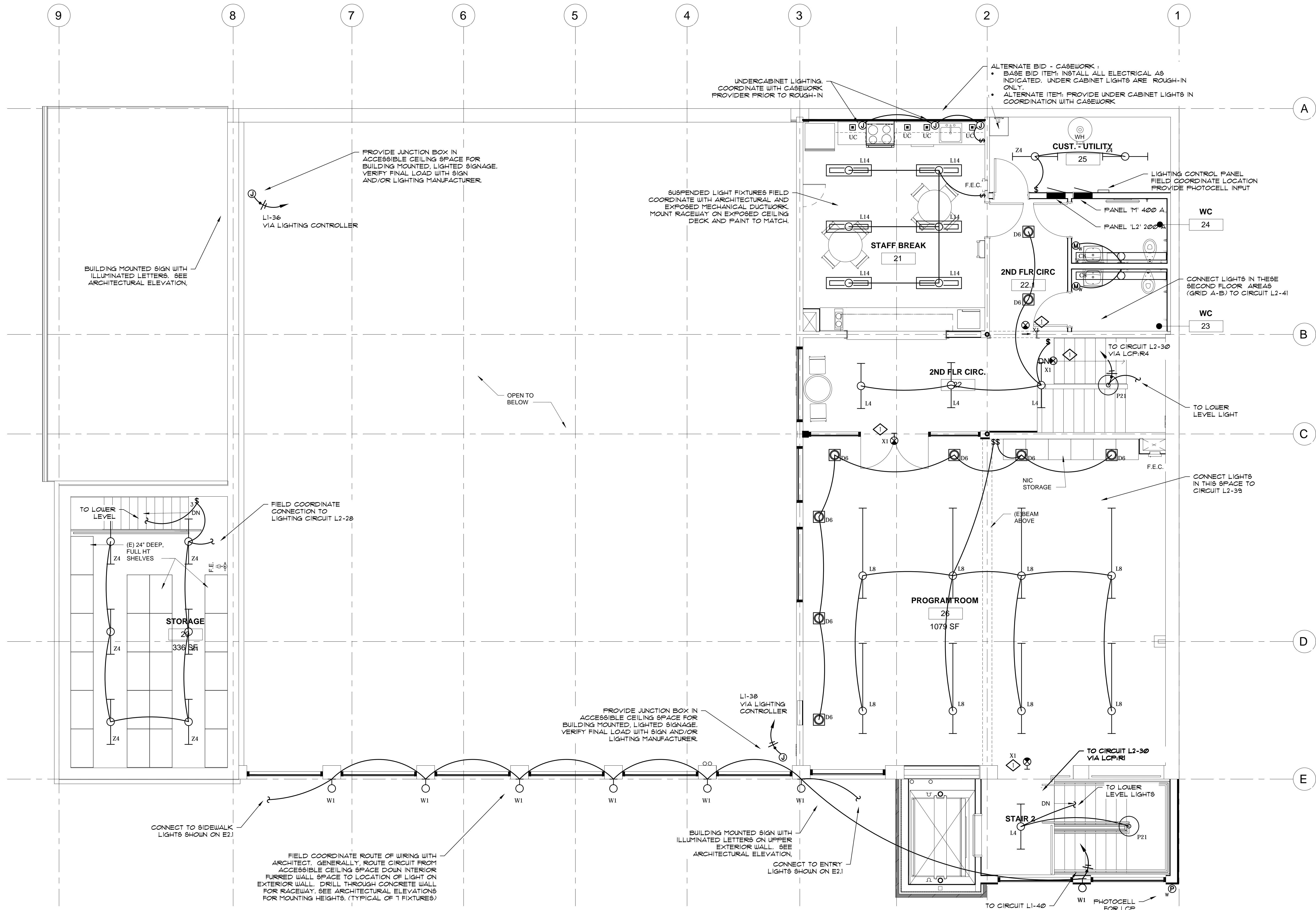
E2.1



2 LIGHT CONTROL
E2.1 DIAGRAMMATIC

1 LIGHTING PLAN - 1st FLOOR
E2.1 SCALE: 1/4" = 1'-0"

KEYED NOTES
EXIT SIGN - CONNECT TO UNSWITCHED LIGHTING CIRCUIT SERVING THIS AREA.



1 LIGHTING PLAN - 2nd FLOOR
 E2.2 SCALE: 1/4" = 1'-0"

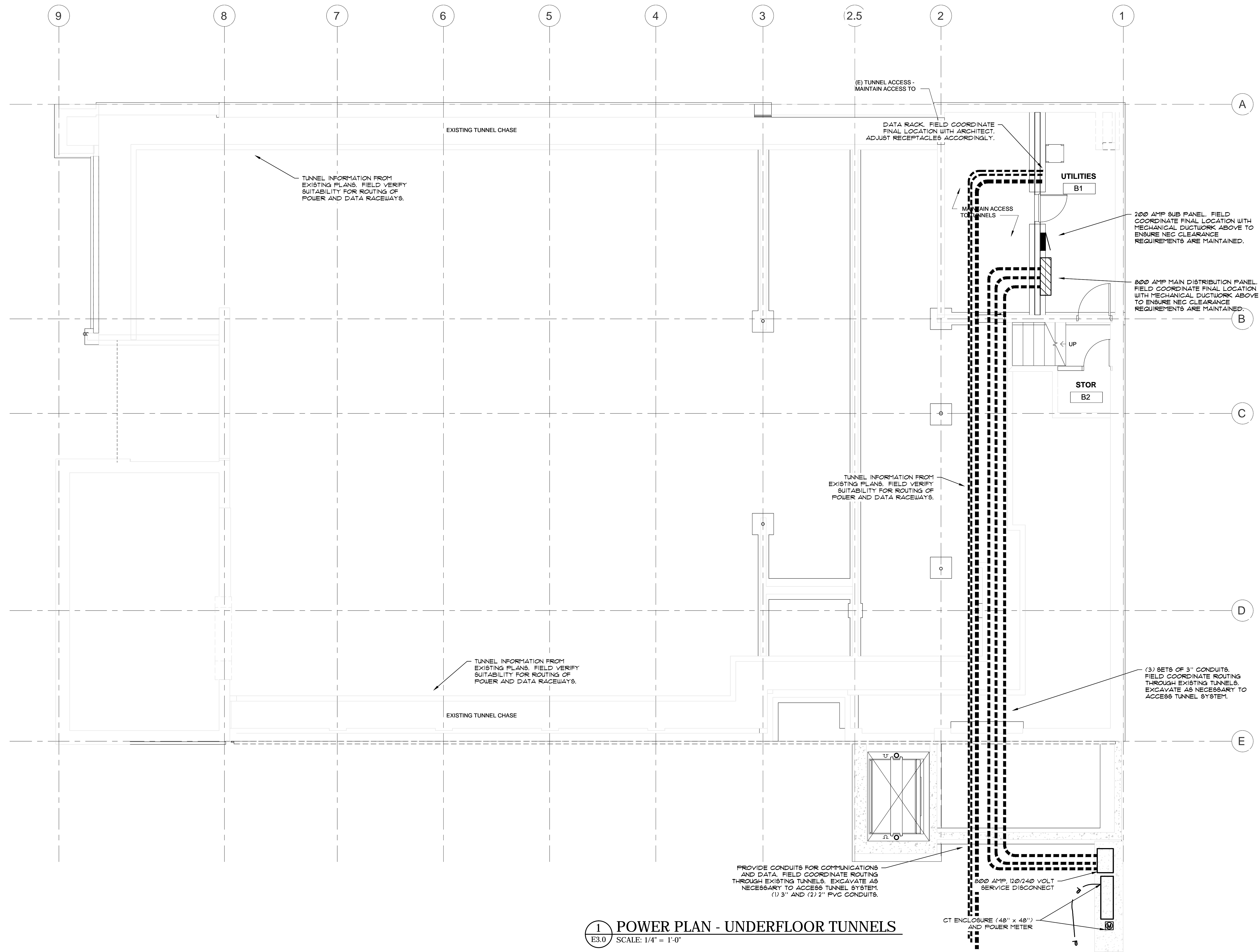
KEYED NOTES
 EXIT SIGN - CONNECT TO UNSWITCHED LIGHTING CIRCUIT SERVING THIS AREA.

CONSTRUCTION

REVISIONS:	#	DATE	DESCRIPTION

DATE: APRIL 2022
 SHEET TITLE:
 2nd FLOOR LIGHTING PLAN

E2.2



1 POWER PLAN - UNDERFLOOR TUNNELS
 E3.0 SCALE: 1/4" = 1'-0"

HGE ARCHITECTS.
 333 S. 4TH STREET
 COOS BAY, OR 97420
 P: 541.269.1166
 www.hge1.com
 general@hge1.com

DOUBLE 'E' ENGINEERING, LLC
 ENGINEERING, LLC
 Myrtle Point, Oregon
 www.ee-engineering.com

EE
 REGISTERED PROFESSIONAL ENGINEER
 65580
 GREGORY L. PRIDE
 JULY 13, 2004
 EXPIRES 12-31-24

PROJECT NO.: 2237
COQUILLE PUBLIC LIBRARY RENOVATION
 259 NORTH ADAMS STREET
 COQUILLE, OREGON 97423

CONSTRUCTION	
#	REVISIONS: DATE DESCRIPTION

DATE: APRIL 2022
 SHEET TITLE:
 1st FLOOR POWER PLAN

E3.0
 Copyright © 2021 HGE ARCHITECTS, INC.

CONSTRUCTION

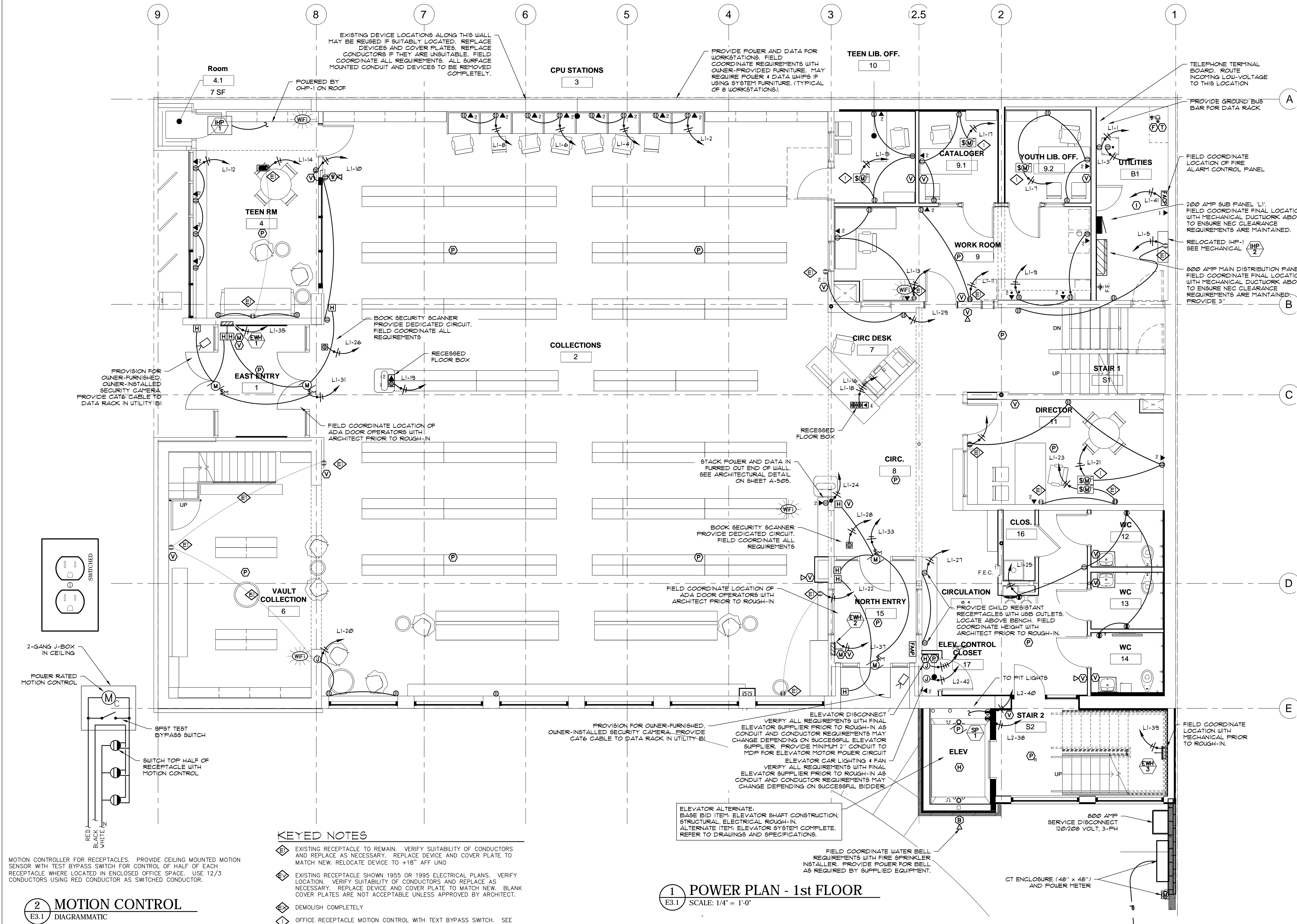
REVISIONS:	#	DATE	DESCRIPTION

DATE: APRIL 2024 Y 2022

SHEET TITLE:

1st FLOOR
POWER PLAN

E3.1



- KEYED NOTES**
- Ⓧ EXISTING RECEPTACLE TO REMAIN. VERIFY SUITABILITY OF CONDUCTORS AND REPLACE AS NECESSARY. REPLACE DEVICE AND COVER PLATE TO MATCH NEW. RELOCATE DEVICE TO +18" AFF UNO
 - Ⓧ EXISTING RECEPTACLE SHOWN 1955 OR 1995 ELECTRICAL PLANS. VERIFY LOCATION. VERIFY SUITABILITY OF CONDUCTORS AND REPLACE AS NECESSARY. REPLACE DEVICE AND COVER PLATE TO MATCH NEW. BLANK COVER PLATES ARE NOT ACCEPTABLE UNLESS APPROVED BY ARCHITECT.
 - Ⓧ DEMOLISH COMPLETELY
 - Ⓧ OFFICE RECEPTACLE MOTION CONTROL WITH TEXT BYPASS SWITCH. SEE DETAIL 2/E3.1

1 POWER PLAN - 1st FLOOR
E3.1 SCALE: 1/4" = 1'-0"

2 MOTION CONTROL
E3.1 DIAGRAMMATIC

MOTION CONTROLLER FOR RECEPTACLES. PROVIDE CEILING MOUNTED MOTION SENSOR WITH TEST BYPASS SWITCH FOR CONTROL OF HALF OF EACH RECEPTACLE WHERE LOCATED IN ENCLOSED OFFICE SPACE. USE 12/3 CONDUCTORS USING RED CONDUCTOR AS SWITCHED CONDUCTOR.

PROVISION FOR OWNER-FURNISHED, OWNER-INSTALLED SECURITY CAMERA. PROVIDE CAT6 CABLE TO DATA RACK IN UTILITY B1

EXISTING DEVICE LOCATIONS ALONG THIS WALL MAY BE REUSED IF SUITABLY LOCATED. REPLACE DEVICES AND COVER PLATES. REPLACE CONDUCTORS IF THEY ARE UNSUITABLE. FIELD COORDINATE ALL REQUIREMENTS. ALL SURFACE MOUNTED CONDUIT AND DEVICES TO BE REMOVED COMPLETELY.

PROVIDE POWER AND DATA FOR WORKSTATIONS. FIELD COORDINATE REQUIREMENTS WITH OWNER-PROVIDED FURNITURE. MAY REQUIRE POWER & DATA WHIPS IF USING SYSTEM FURNITURE. (TYPICAL OF 8 WORKSTATIONS.)

TELEPHONE TERMINAL BOARD. ROUTE INCOMING LOW-VOLTAGE TO THIS LOCATION

FIELD COORDINATE LOCATION OF FIRE ALARM CONTROL PANEL

200 AMP SUB PANEL 'L1'. FIELD COORDINATE FINAL LOCATION WITH MECHANICAL DUCTWORK ABOVE TO ENSURE NEC CLEARANCE REQUIREMENTS ARE MAINTAINED.

RELOCATED IHP-1 SEE MECHANICAL

800 AMP MAIN DISTRIBUTION PANEL. FIELD COORDINATE FINAL LOCATION WITH MECHANICAL DUCTWORK ABOVE TO ENSURE NEC CLEARANCE REQUIREMENTS ARE MAINTAINED. PROVIDE 3"

STACK POWER AND DATA IN FURRED OUT END OF WALL. SEE ARCHITECTURAL DETAIL ON SHEET A-505.

BOOK SECURITY SCANNER. PROVIDE DEDICATED CIRCUIT. FIELD COORDINATE ALL REQUIREMENTS

FIELD COORDINATE LOCATION OF ADA DOOR OPERATORS WITH ARCHITECT PRIOR TO ROUGH-IN

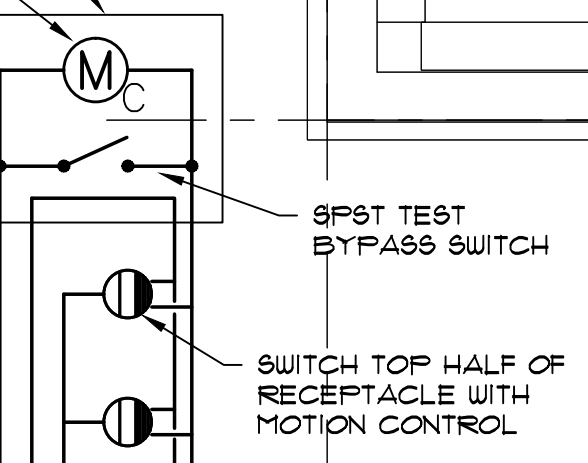
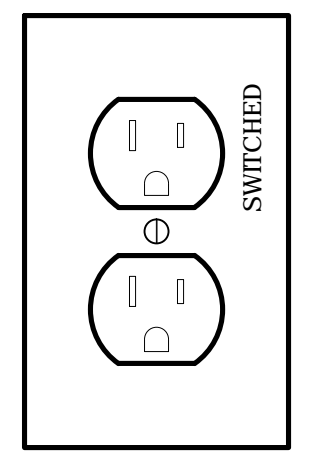
ELEVATOR DISCONNECT. VERIFY ALL REQUIREMENTS WITH FINAL ELEVATOR SUPPLIER PRIOR TO ROUGH-IN AS CONDUIT AND CONDUCTOR REQUIREMENTS MAY CHANGE DEPENDING ON SUCCESSFUL ELEVATOR SUPPLIER. PROVIDE MINIMUM 2" CONDUIT TO MDP FOR ELEVATOR MOTOR POWER CIRCUIT. ELEVATOR CAR LIGHTING & FAN. VERIFY ALL REQUIREMENTS WITH FINAL ELEVATOR SUPPLIER PRIOR TO ROUGH-IN AS CONDUIT AND CONDUCTOR REQUIREMENTS MAY CHANGE DEPENDING ON SUCCESSFUL BIDDER.

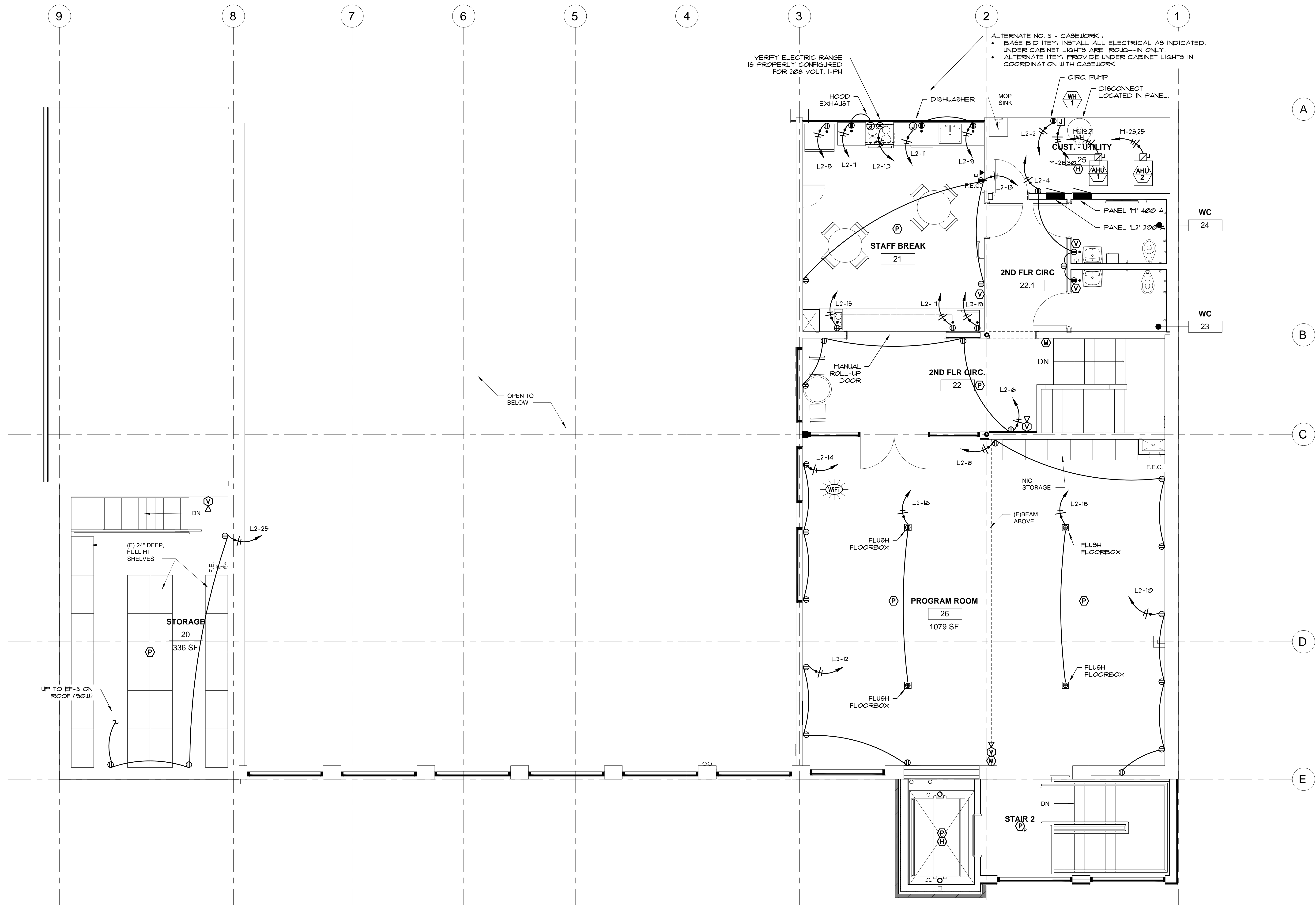
ELEVATOR ALTERNATE: BASE BID ITEM: ELEVATOR SHAFT CONSTRUCTION, STRUCTURAL, ELECTRICAL ROUGH-IN. ALTERNATE ITEM: ELEVATOR SYSTEM COMPLETE. REFER TO DRAWINGS AND SPECIFICATIONS.

FIELD COORDINATE WATER BELL REQUIREMENTS WITH FIRE SPRINKLER INSTALLER. PROVIDE POWER FOR BELL AS REQUIRED BY SUPPLIED EQUIPMENT.

FIELD COORDINATE LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN

CT ENCLOSURE (48" x 48") AND POWER METER





1 POWER PLAN - 2nd FLOOR
 E3.2 SCALE: 1/4" = 1'-0"

HGE
ARCHITECTS

333 S. 4TH STREET
COOS BAY, OR 97420
P: 541.269.1166
www.hge1.com
general@hge1.com

DOUBLE 'E'
ENGINEERING, LLC
Myrtle Point, Oregon
www.ee-engineering.com

PROJECT NO.: 22.37
COQUILLE PUBLIC LIBRARY RENOVATION

259 NORTH ADAMS STREET
 COQUILLE, OREGON 97423

CONSTRUCTION		
REVISIONS:		
#	DATE	DESCRIPTION

DATE: APRIL 2022

Y 2022

SHEET TITLE:

2nd FLOOR
POWER PLAN

E3.2

Copyright © 2021
HGE ARCHITECTS, INC.