

To: Bidding Documents
Plan-Holders of Record
Project File

Date: January 06, 2021
Addendum Number: ASI #30
Architect's Project #: 20200132
Project Name: CN Covid Projects

**From: BLUE RIVER
ARCHITECTS, LLC**
320 South Boston, Suite 103
Tulsa, Oklahoma 74103
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Fax 918.587.0357

Professional Seal:



NOTICE.....

This Addendum supplements and amends the original Bidding Documents, shall be taken into account in preparing proposals, and shall become a part of the Construction Documents. The bidder shall indicate receipt of this addendum and all previously issued addenda on the Bid/Proposal Form.

PRIOR ADDENDA

Addendum 2	08/20/2020
ASI #1	09/14/2020
ASI #2	09/18/2020
ASI #3	09/23/2020
ASI #4	09/28/2020
ASI #5	09/30/2020
ASI #6	10/13/2020
ASI #7	10/16/2020
ASI #8	10/26/2020
ASI #9	11/09/2020
ASI #10	11/10/2020
ASI #11	11/11/2020
ASI #12	11/13/2020
ASI #13	11/16/2020
ASI #14	11/17/2020
ASI #15	11/19/2020
ASI #16	11/19/2020
ASI #17	11/20/2020
ASI #18	11/20/2020
ASI #19	11/25/2020
ASI #20	12/02/2020

ASI #21	12/03/2020
ASI #22	12/10/2020
ASI #23	12/11/2020
ASI #24	12/15/2020
ASI #25	12/15/2020
ASI#26	12/16/2020
ASI#27	01/05/2021
ASI#28	01/05/2021
ASI#29	01/06/2021

Changes / Clarifications To Specifications:

1. None

Changes / Clarifications To Drawings:

Hard Rock

2. Sheet CS – Cover Sheet
 1. Revised fire safety info on Life Safety Hatch Legend
3. Sheet C300 – DEMOLITION/EROSION CONTROL PLAN
 1. Added note to remove some fencing
4. Sheet C400 – SITE PLAN
 1. Added second drive between parking and country club road
 2. Added fire lane striping
5. Sheet C500 – GRADING PLAN
 1. Revised grading for new drive
 2. Added culvert beneath new drive
6. Sheet C600 – Utility Plan
 1. Revised water line
 2. Revised lift station note to say “private”
 3. Added fire hydrant per city comments
7. Sheet C800 – DETAILS
 1. Added detail 12, striping for fire lane
8. Sheet A101 – FLOOR PLAN & ELEVATIONS
 1. Revised wall dimensions
 2. Revised Toilet 122, Toilet 125, Toilet 114 layouts
 3. Added toilet plan K.1
 4. Added note for tempered glazing
 5. Added note about attic access panel
 6. Added additional snow system on roof plan
 7. Revised Millwork
 8. Added elevation P.1
 9. Revised Meds 116 to gypsum board ceiling
 10. Added note 4 to door schedule
 11. Added address number note
 12. Added Knox Vault location note
9. Sheet M001 – HVAC NOTES

10. Sheet M101 – FIRST FLOOR HVAC PLAN
 1. Adjusted supply diffuser location in Office 113.
11. Sheet M601 – HVAC SCHEDULES & DETAILS
12. Sheet P001 – PLUMBING NOTES
13. Sheet P101 – FIRST FLOOR PLUMBING PLANS
 1. FIRST FLOOR SANITARY PIPING PLAN
 - A. Adjusted lavatory sink location in Toilet 114.
 - B. Added a sink in Lab 127.
 - C. Flipped the direction of the sanitary main.
 2. FIRST FLOOR DOMESTIC WATER PLAN
 - A. Adjusted lavatory sink location in Toilet 114.
 - B. Added a sink in Lab 127.
 - C. Added an emergency eyewash to Lab 127.
14. Sheet P601 – PLUMBING SCHEDULES & DETAILS
 1. Added detail K to the sheet.
 2. PLUMBING FIXTURE SCHEDULE
 - A. Revised manufacturer and model number for the restroom lavatories and the exam breakroom sink.
 3. PLUMBING SPECIALTIES SCHEDULE
 - A. Added an emergency eyewash.
15. Sheet P901 – PLUMBING ISOMETRICS
 1. PLUMBING SANITARY RISERS
 - A. Adjusted lavatory sink location in Toilet 114.
 - B. Added a sink in Lab 127.
 - C. Flipped the direction of the sanitary main.
 2. PLUMBING DOMESTIC WATER RISERS
 - A. Adjusted lavatory sink location in Toilet 114.
 - B. Added a sink in Lab 127.
 - C. Added an emergency eyewash to Lab 127.
16. Sheet E001 – ELECTRICAL NOTES
 1. PANELBOARD SCHEDULE LP2
 - A. Added circuit to panel LP2 for touchless plumbing fixtures.
 2. NOTES AND LEGENDS
 - A. Added Low Voltage Notes from LV Contractor
 - B. Adjusted symbol legend for changes to data symbols
17. Sheet E101 – LIGHTING PLAN
 1. DETAIL 1 – LIGHTING PLAN
 - A. Updated emergency lighting throughout building to provide proper egress lighting.
 - B. Added under cabinet lighting to all upper cabinets.
 2. LIGHTING FIXTURE SCHEDULE
 - A. Added type F fixture data for under cabinet lighting

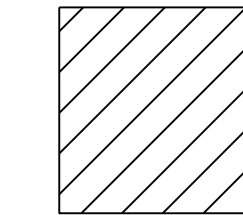
18. Sheet E201 – POWER PLAN
 1. DETAIL 1 – POWER PLAN
 - A. Provided power to touchless plumbing fixtures.
 - B. Moved Meds receptacles to match new refrigerator location.
 - C. Added receptacles required by LV Contractor
 - D. Added camera LV boxes on exterior of building
 - E. Adjusted data symbols to match new legend
 2. POWER KEYNOTES
 - A. Added note for camera box installation.
19. Sheet E301 – HVAC POWER PLAN
 1. DETAIL 1 – HVAC POWER PLAN
 - A. Updated to new floorplan.

LIST OF ATTACHMENTS

Hard Rock: CS, C300, C400, C500, C600, C800, A101, M001, M101, M601, P001, P101,
P601, P901, E001, E101, E201, E301
END OF ADDENDUM

GENERAL DEMOLITION NOTES

1. ALL CONCRETE AND ASPHALT NOTED FOR REMOVAL SHALL BE SAW CUT FULL DEPTH AND REMOVED OFF SITE.
2. CONTRACTOR SHALL PROTECT ALL SURVEY CONTROL POINTS.
3. CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS OFF SITE.
4. ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ALL COST SHALL BE INCLUDED IN BASE BID.
5. WITH PRIOR APPROVAL, CONTRACTOR MAY ESTABLISH AN ON-SITE STAGING AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING STAGING AREA TO ITS ORIGINAL CONDITION. SECURITY OF STAGING AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. ON-SITE VEGETATION SHALL BE PROTECTED UNLESS OTHERWISE NOTED. IN DESIGNATED PROTECTION AREAS WHERE THE CONTRACTOR DOES NOT PROTECT VEGETATION AS NOTED, CONTRACTOR SHALL RESTORE VEGETATION TO EXISTING CONDITION AT NO ADDITIONAL EXPENSE TO THE OWNER, TO THE SATISFACTION OF THE ARCHITECT.
7. CONTRACTOR SHALL PROTECT ALL ABOVE GROUND UTILITY FEATURES NOT BEING REMOVED INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVES, AND INLETS. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
8. SIX (6) FOOT CHAINLINK CONSTRUCTION FENCE SHALL BE MAINTAINED AND SECURED AROUND PERIMETER OF CONSTRUCTION SITE FOR DURATION OF PROJECT.
9. TOPSOIL STOCKPILES AND DISTURBED PORTIONS OF THE SITE, WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 14 DAYS SHALL BE STABILIZED IMMEDIATELY WITH TEMPORARY SEED AND MULCH PER SPECIFICATIONS ON THE GENERAL NOTES AND STORMWATER POLLUTION PREVENTION PLAN.
10. PRIOR TO UTILITY DEMOLITION COORDINATE WITH AUTHORITY HAVING JURISDICTION.
11. CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, LANE CLOSURES, DETOURS, ETC. BOTH VEHICULAR AND PEDESTRIAN.
12. UTILITIES BEING REMOVED OR RELOCATED SHALL BE ISOLATED AND SERVICE DISCONNECTED PRIOR TO ANY DEMOLITION.
13. NO UTILITY INTERRUPTIONS WILL BE ALLOWED WITHOUT CONSENT OF THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT A MINIMUM OF FOUR WORKING DAYS PRIOR TO THE REQUESTED SHUT DOWN.
14. CONTRACTOR SHALL PROVIDE TEMPORARY UTILITY SERVICE IF REQUIRED.
15. CONTRACTOR SHALL ENSURE CONSTRUCTION SITE HAS POSITIVE DRAINAGE THROUGHOUT THE DURATION OF CONSTRUCTION.
16. REFER TO STORMWATER POLLUTION PREVENTION PLAN FOR ADDITIONAL STORMWATER MANAGEMENT REQUIREMENTS.

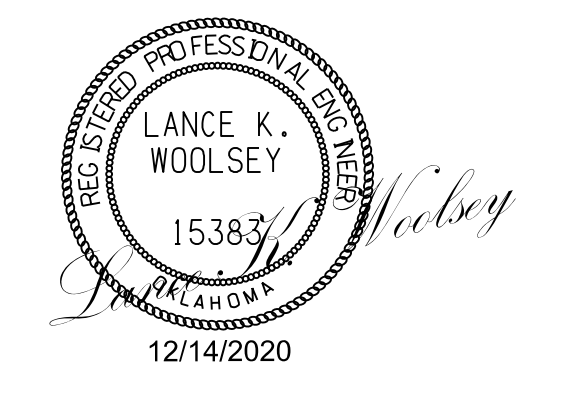


REMOVAL AREA



CHEROKEE NATION - COVID PROJECTS
HARD ROCK
CATOOSA, OK
 Demolition/ Erosion Control Plan

6244 South Knoxville Avenue
 Tulsa, Oklahoma 74136
 918.408.6686
 blueriverarchitects.com



PROJECT #: 2040179

ISSUE DATES:		
No.	Description	Date
1	ASI #30	01/06/2021

SHEET NUMBER:
C 300



CAUTION
 NOTICE TO CONTRACTOR
 THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES

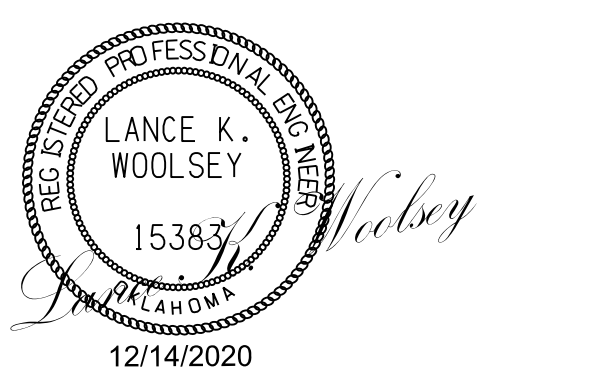
GENERAL SITE NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL MUNICIPAL REGULATIONS AND CODES, WHICHEVER IS MORE STRINGENT.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH O.S.H.A. STANDARDS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
4. ALL DIMENSIONS AND COORDINATES ARE FROM BACK OF CURB UNLESS SHOWN OTHERWISE.
5. RADII = 2.5' U.N.O.
6. BUILDING COORDINATES ARE TO OUTSIDE FACE OF BUILDING, VERIFY W/ ARCH & STRUCT PLANS.
7. CONSTRUCTION JOINTS ARE TO BE DOWELED AT LOCATIONS WHERE THE CONTRACTOR STOPS CONCRETE PAVING AND RESUMES THE NEXT DAY.
8. CONCRETE PAVEMENT JOINTS SHALL BE SAW CUT AND SEALED. CONSTRUCTION JOINTS SHALL BE LOCATED PER PLAN AND SEALED. RE: 6/C800.
9. CONCRETE SIDEWALK JOINTS SHALL BE TOOLED U.N.O.
10. ALL NEW CONCRETE PAVEMENT AND SIDEWALK SHALL HAVE ISOLATION JOINTS WHERE ABUTTING BUILDINGS, EXISTING PAVEMENT, WALKS, AND CURBS. RE: 6/C800.

CHEROKEE NATION - COVID PROJECTS
HARD ROCK
CATOOSA, OK
Site Plan



A Native American Owned Firm
320 S. Boston Avenue, Suite 103
Tulsa, Oklahoma 74103
918-877-9036
blueriverarchitects.com

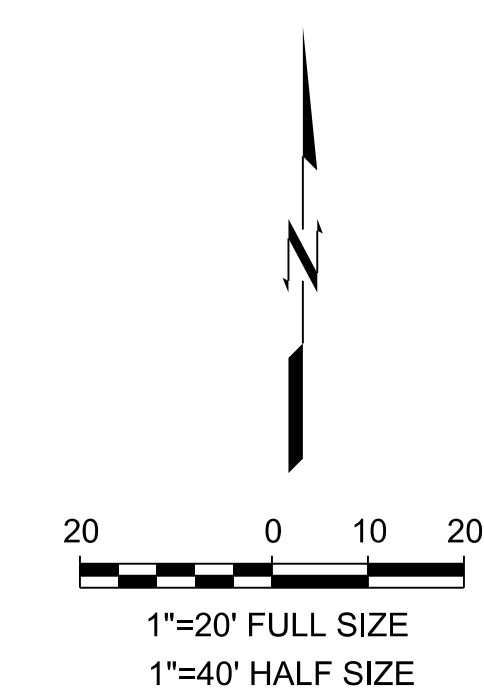
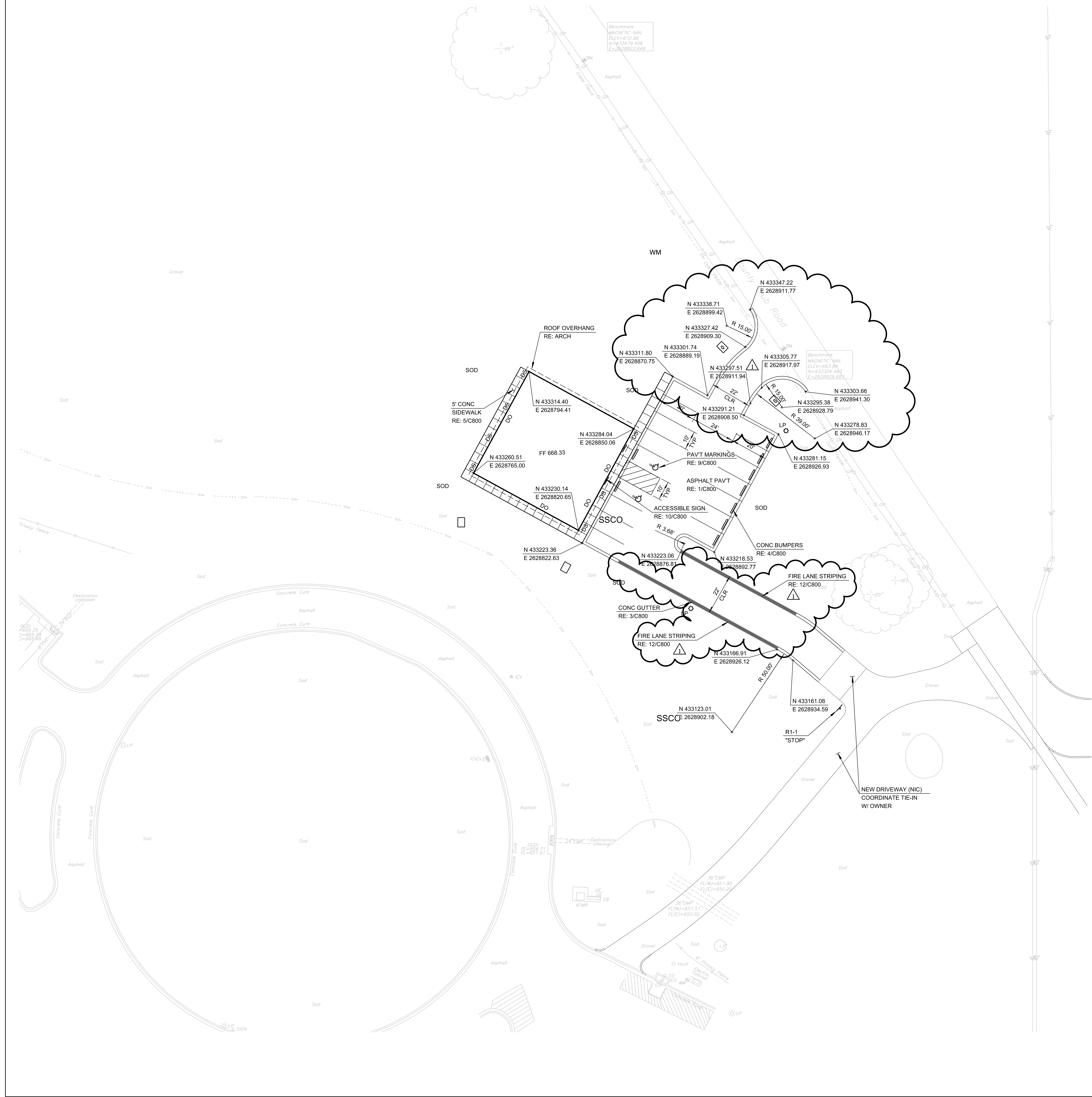


PROJECT #: 2040179

ISSUE DATES:

No.	Description	Date
1	ASI #30	01/06/2021

SHEET NUMBER:
C 400



PARKING SUMMARY	
ACCESSIBLE	---
VAN ACCESSIBLE	2
STANDARD PARKING	14
TOTAL PARKING	16
REQ'D BY ZONING CODE	16



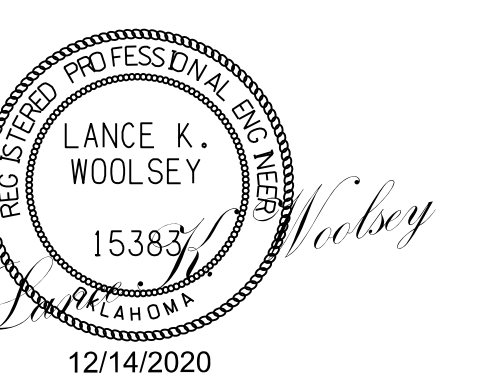
CAUTION
NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES

GENERAL GRADING NOTES

1. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED & INSPECTED AND APPROVED BY LOCAL AUTHORITIES.
2. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
3. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
4. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
5. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
6. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES FOR ALL GRASSED AND PAVED AREAS.
7. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO THE SAME.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY ACCESS ROADS AND SHALL MAINTAIN POSITIVE DRAINAGE OF ENTIRE SITE THROUGHOUT CONSTRUCTION AND AVOID PONDING OR RUTTING. TEMPORARY DEWATERING, INCLUDING PUMPING, MAY BE REQUIRED AND SHALL BE INCLUDED IN THE SCOPE OF WORK.
9. SIDEWALKS SHALL HAVE MAX 2% CROSS SLOPE.

CHEROKEE NATION - COVID PROJECTS
HARD ROCK
CATOOSA, OK
Grading Plan

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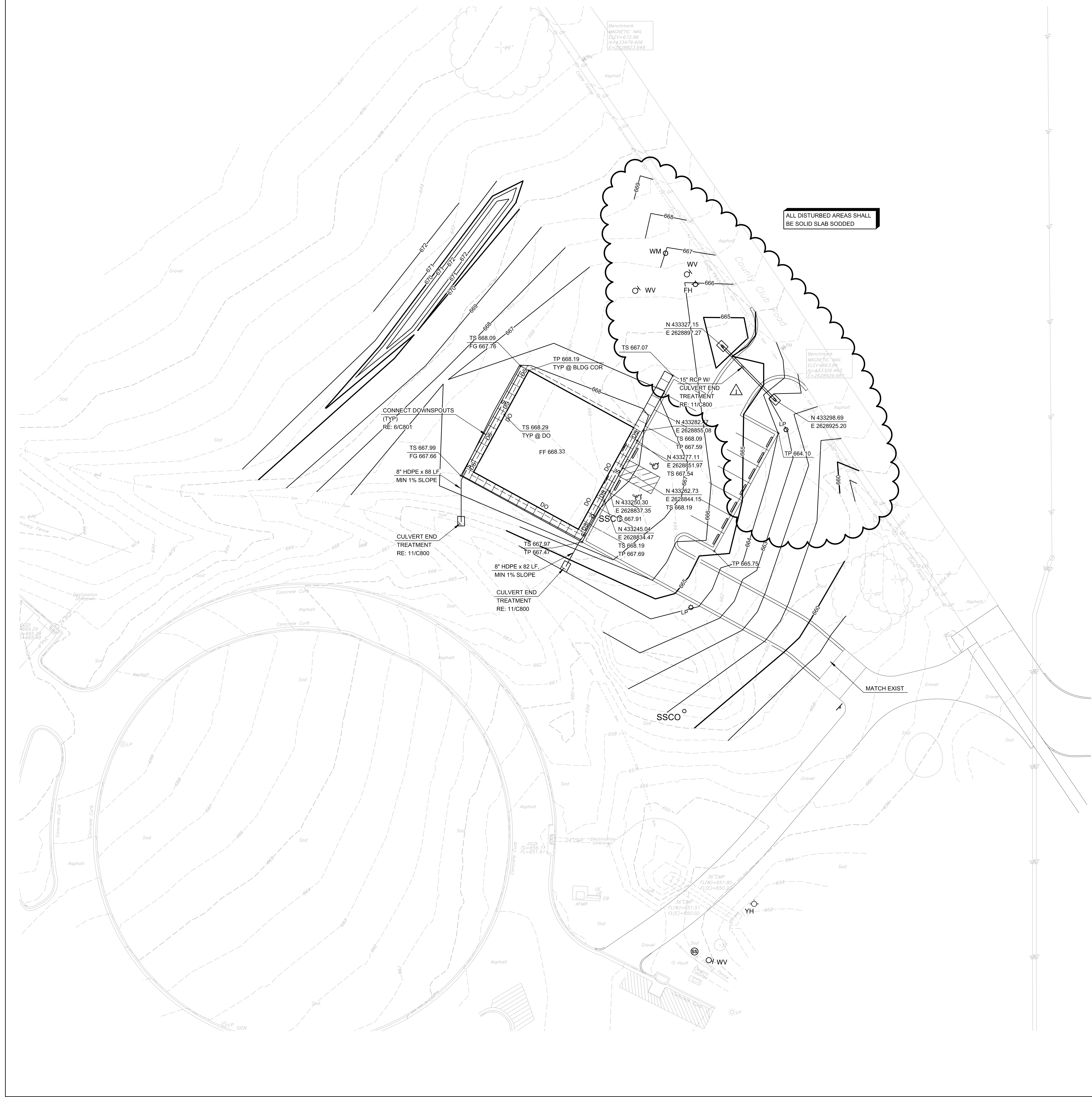


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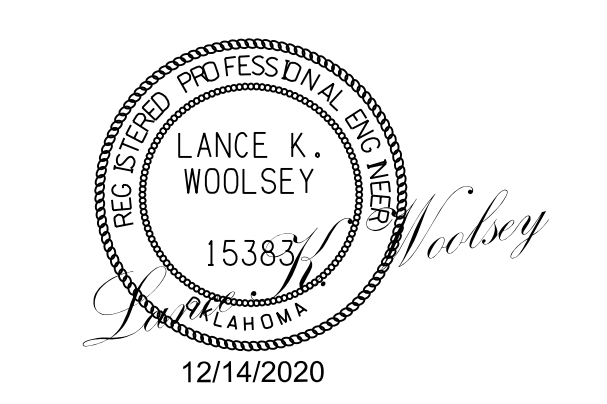
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CHEROKEE NATION - COVID PROJECTS
HARD ROCK
CATOOSA, OK
 Details

blueriver
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 320 S. Boston Avenue, Suite 103
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 918-877-9036
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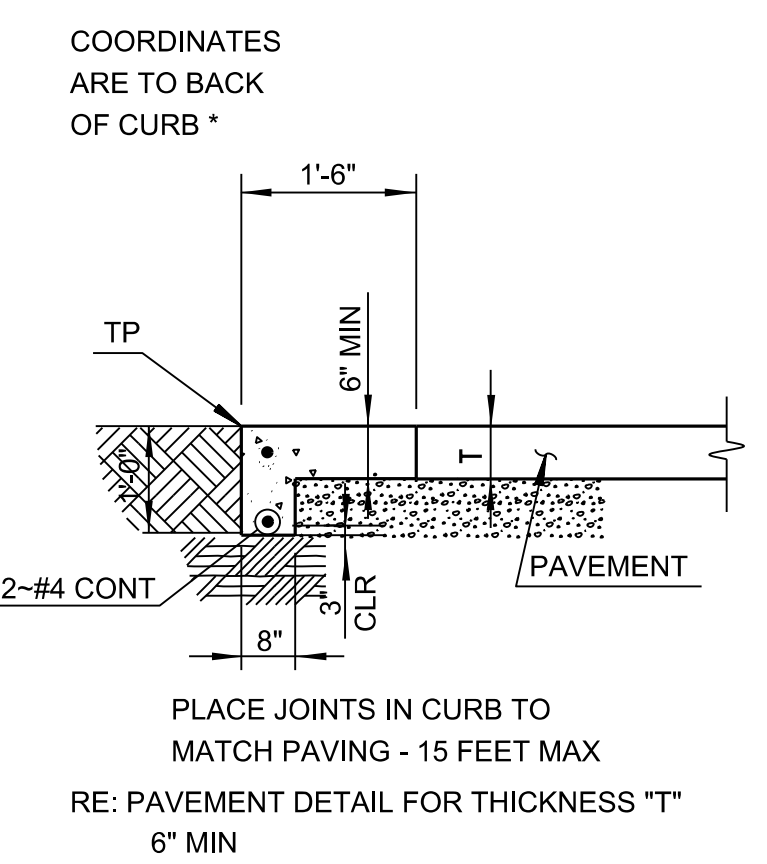
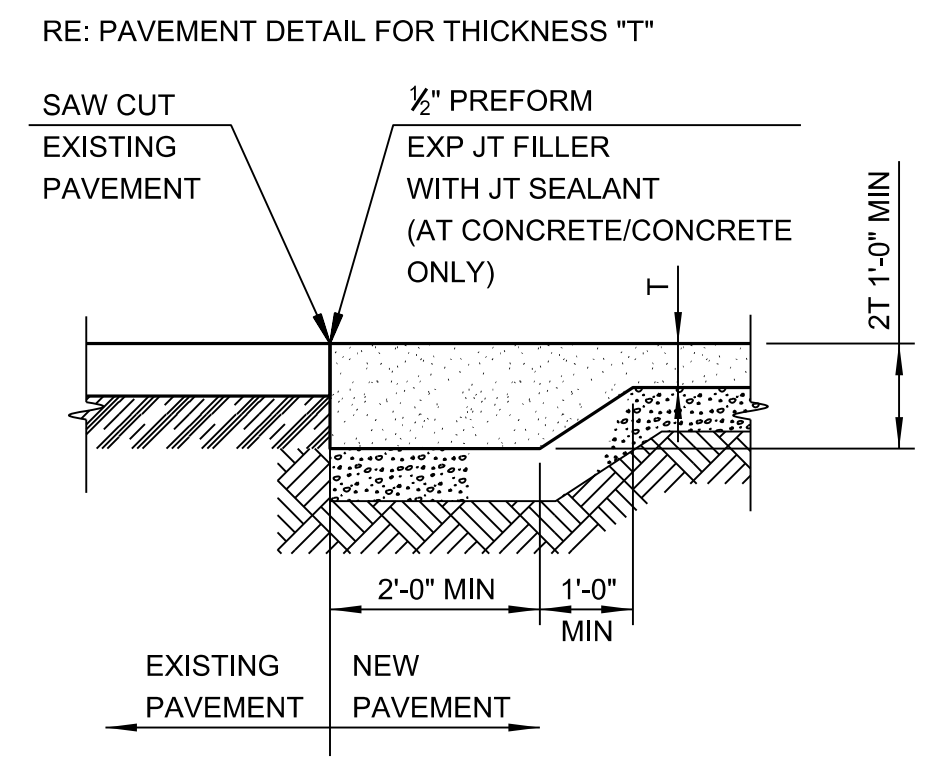
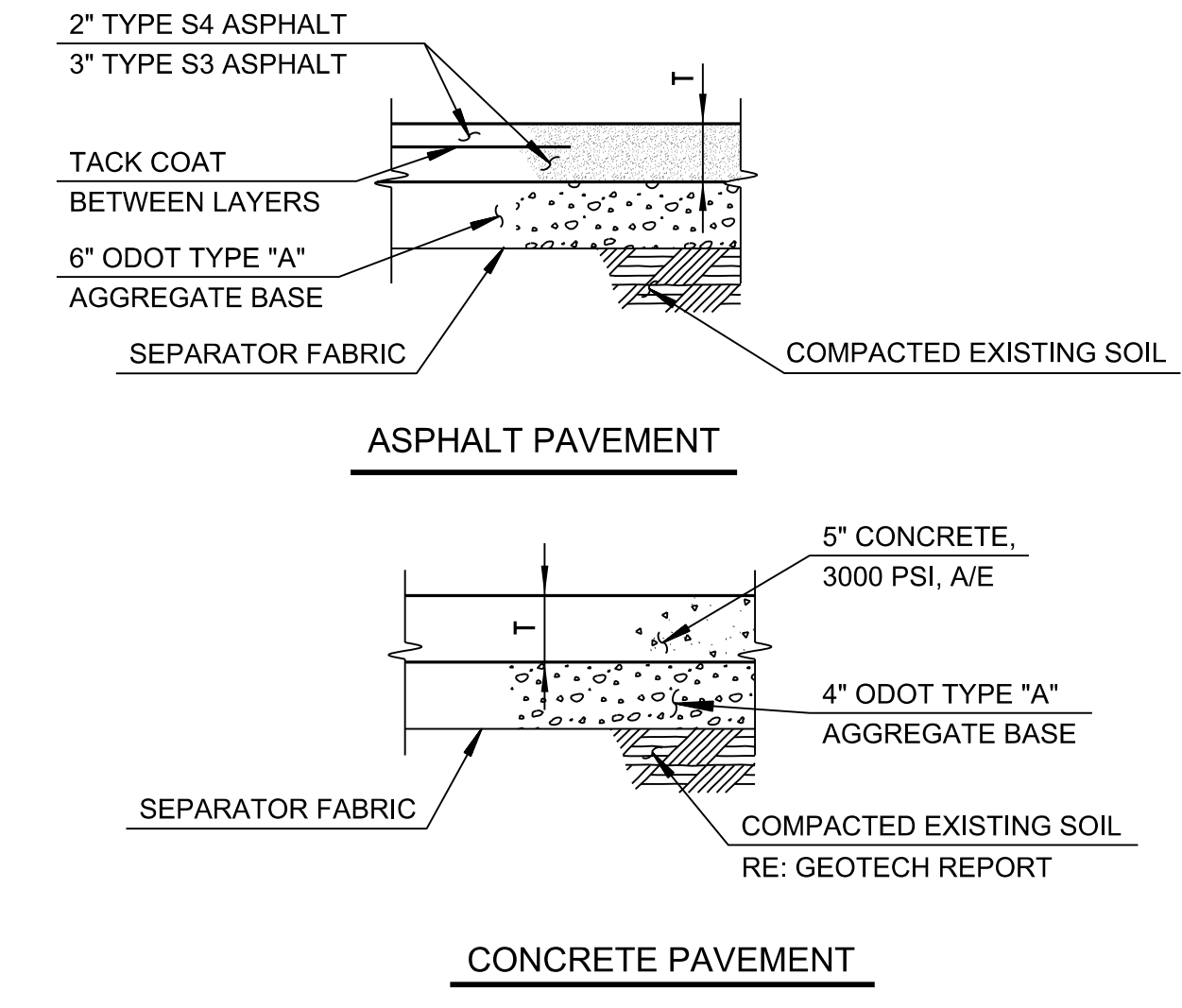
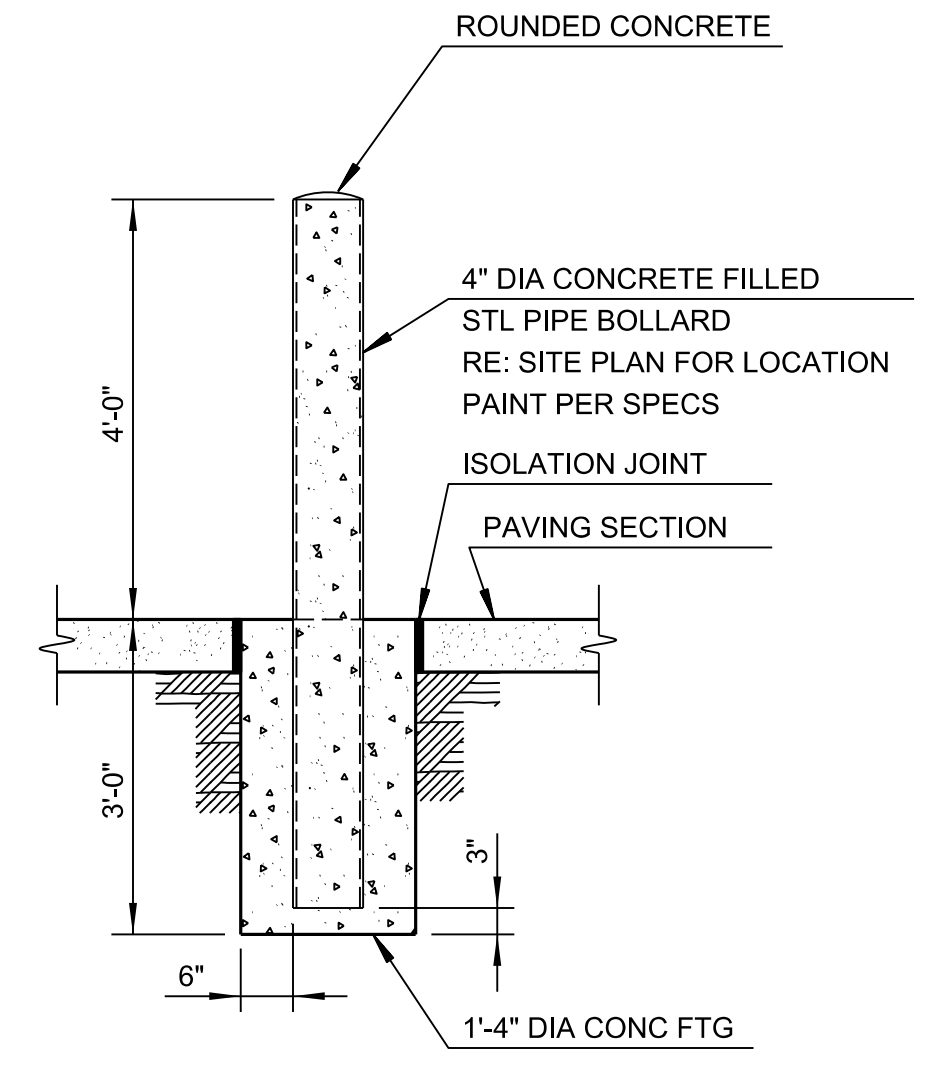
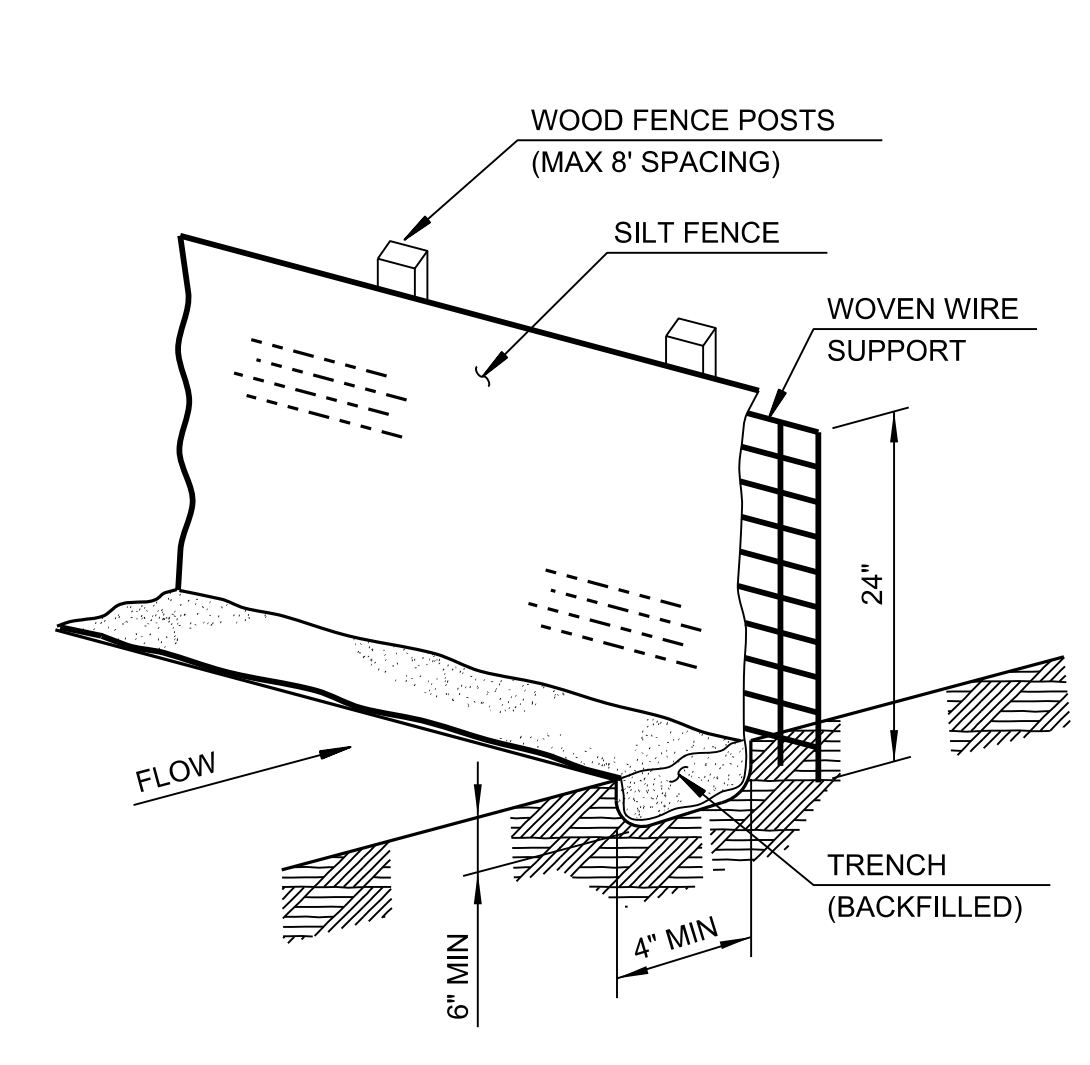
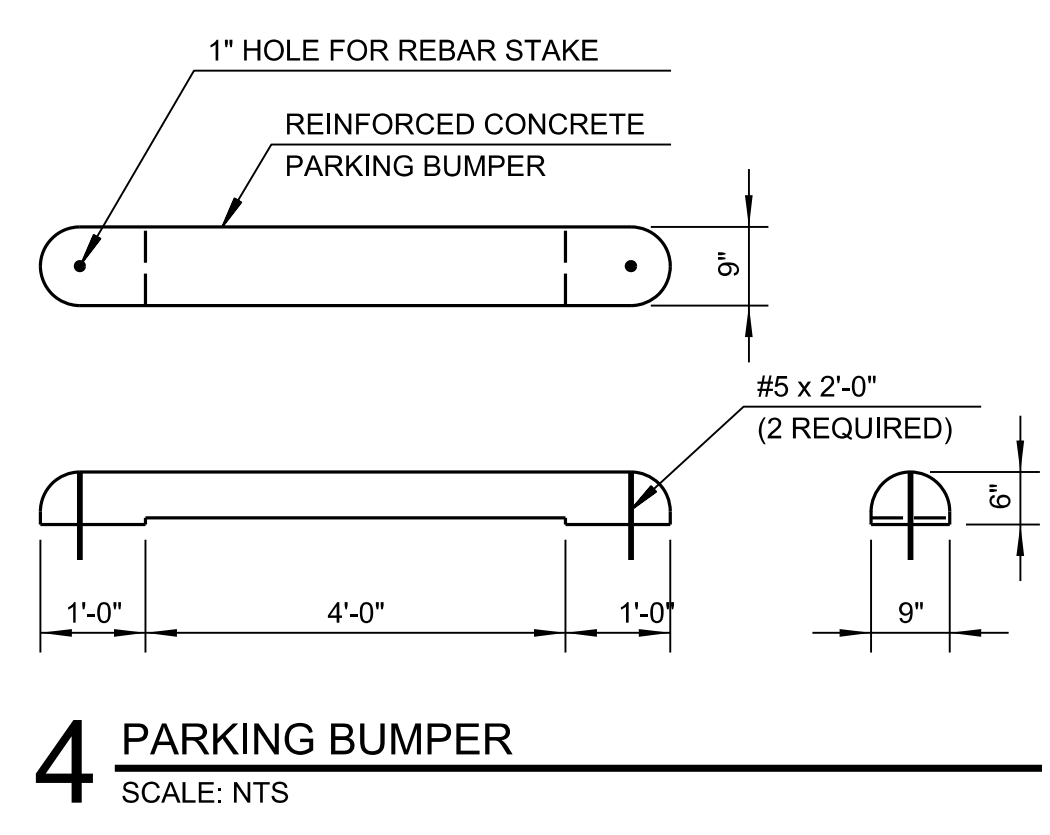


PROJECT #: 2040179

ISSUE DATES:

No.	Description	Date
1	ASI #30	01/06/2021

SHEET NUMBER:
C 800
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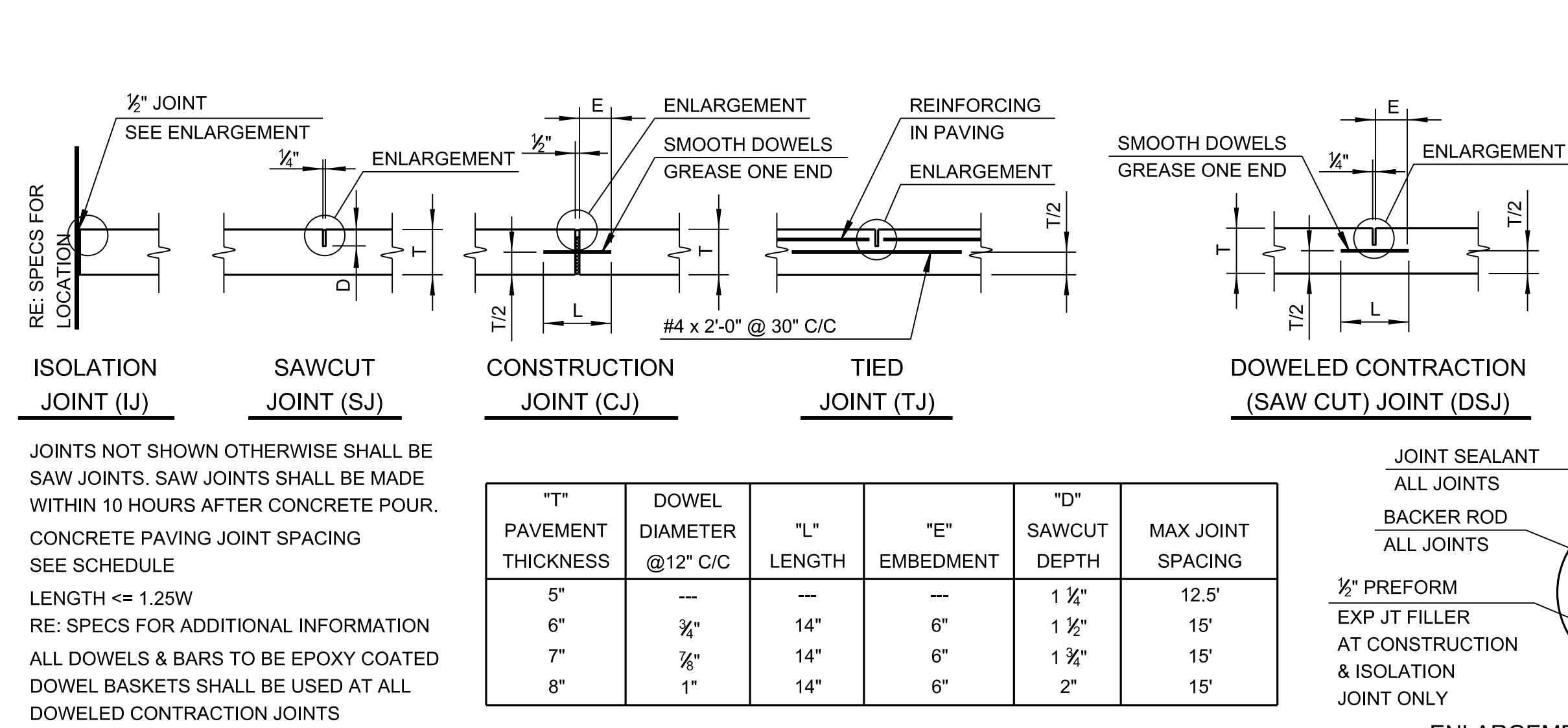
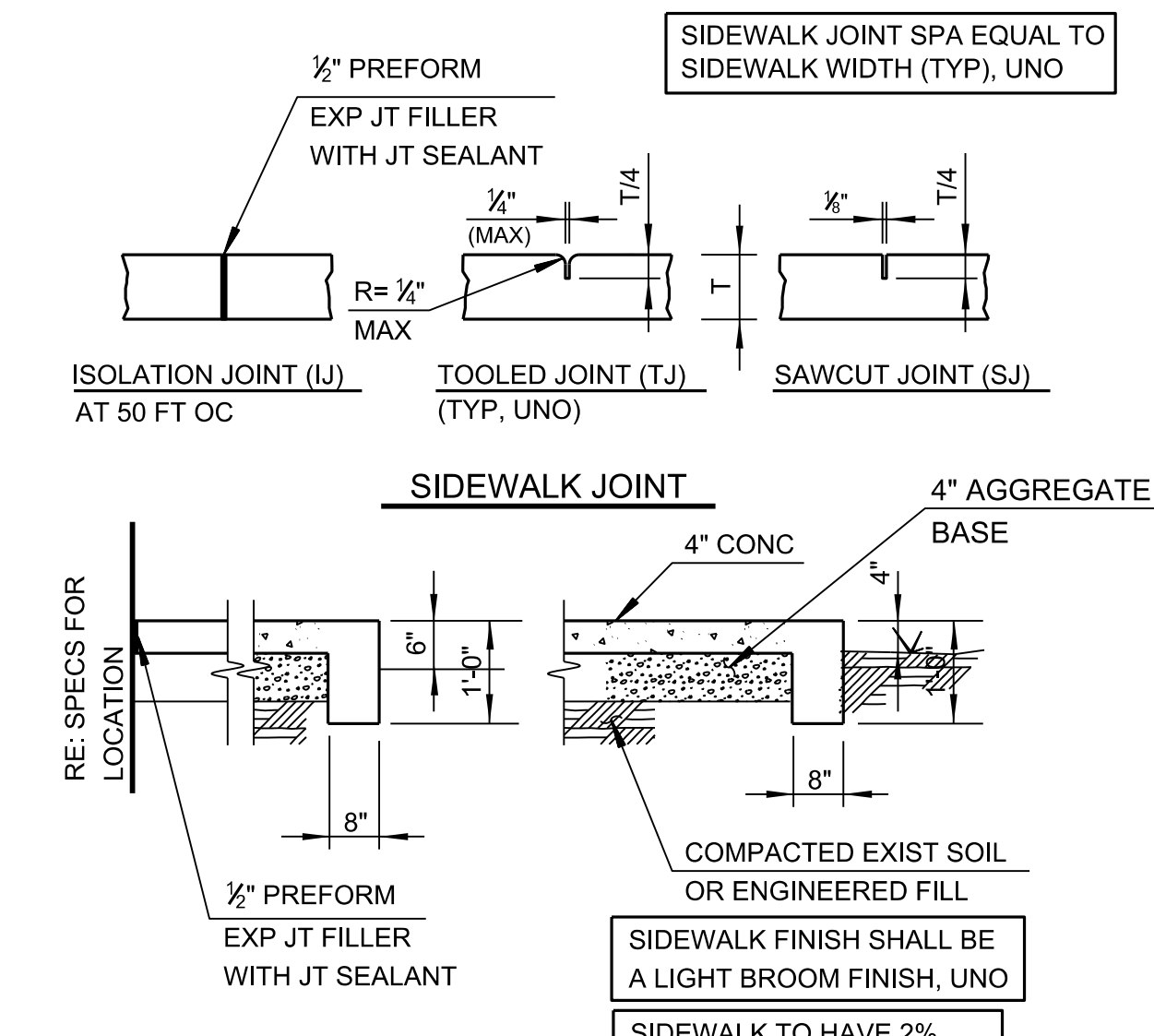


1 PAVEMENT DETAIL
 SCALE: NTS

2 PAVEMENT TRANSITION
 SCALE: NTS

3 CURB AND GUTTER (BARRIER)
 SCALE: NTS

4 PARKING BUMPER
 SCALE: NTS

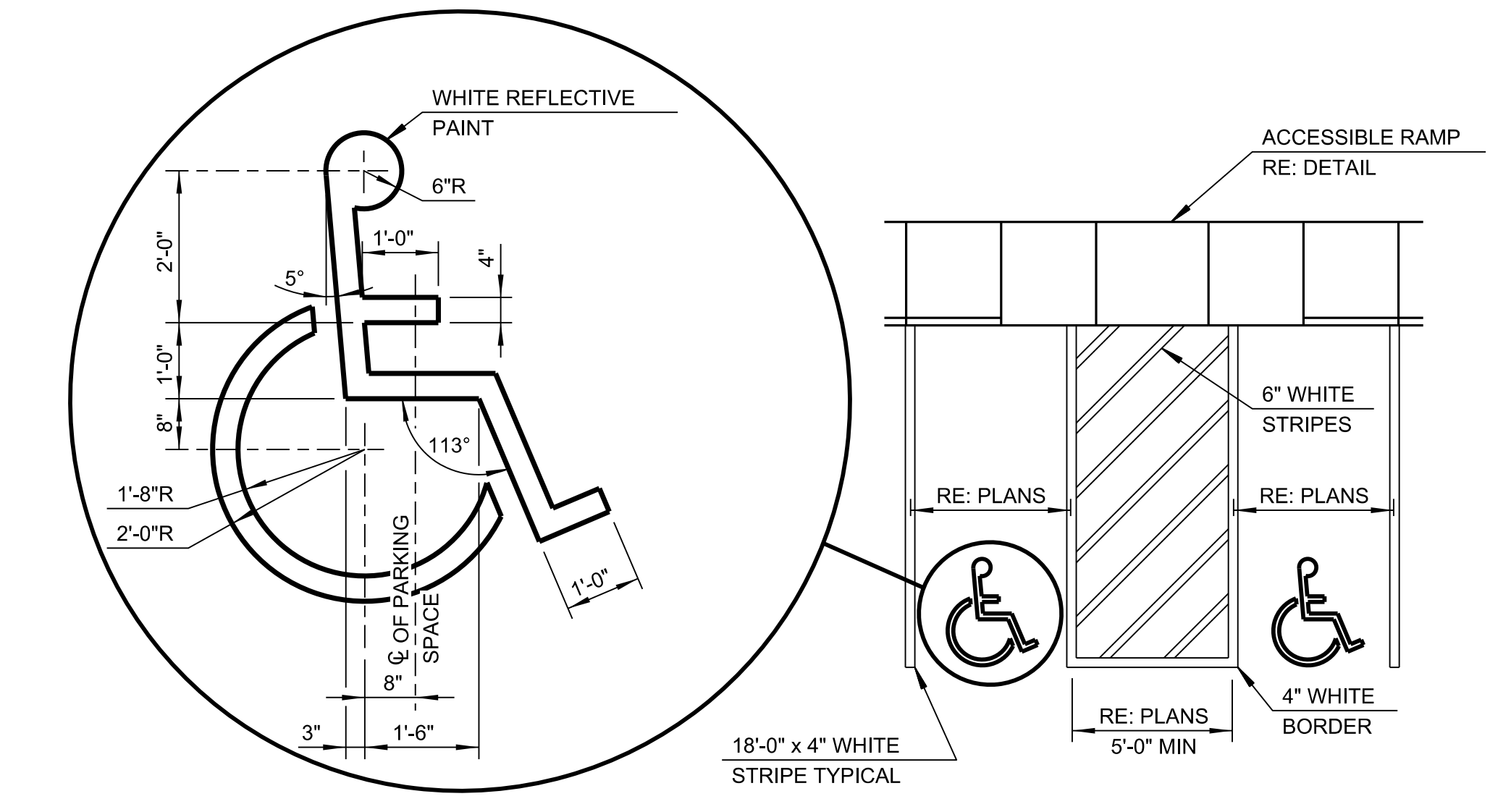


5 SIDEWALK
 SCALE: NTS

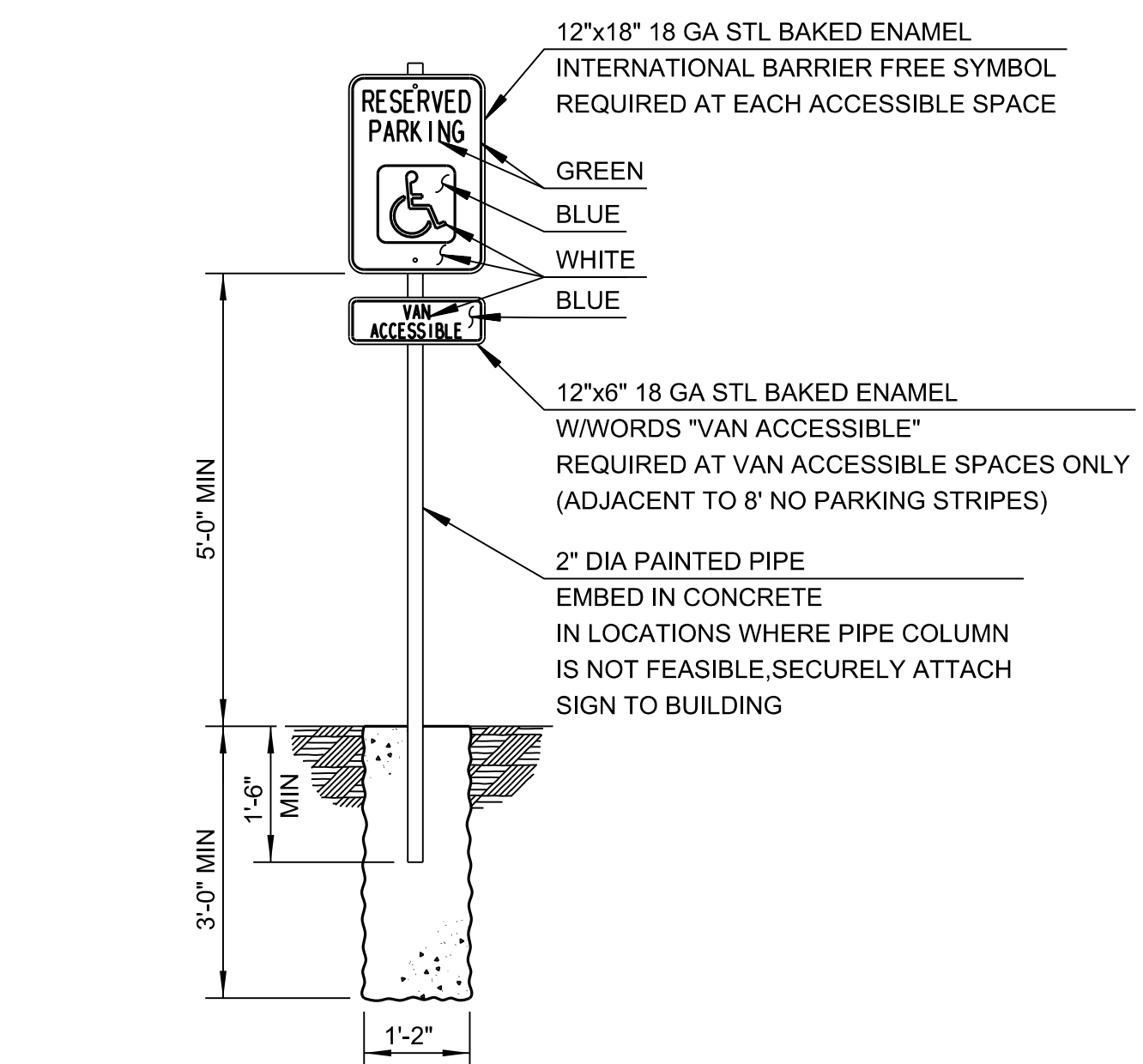
6 PAVING JOINT DETAIL
 SCALE: NTS

7 SILT FENCE
 SCALE: NTS

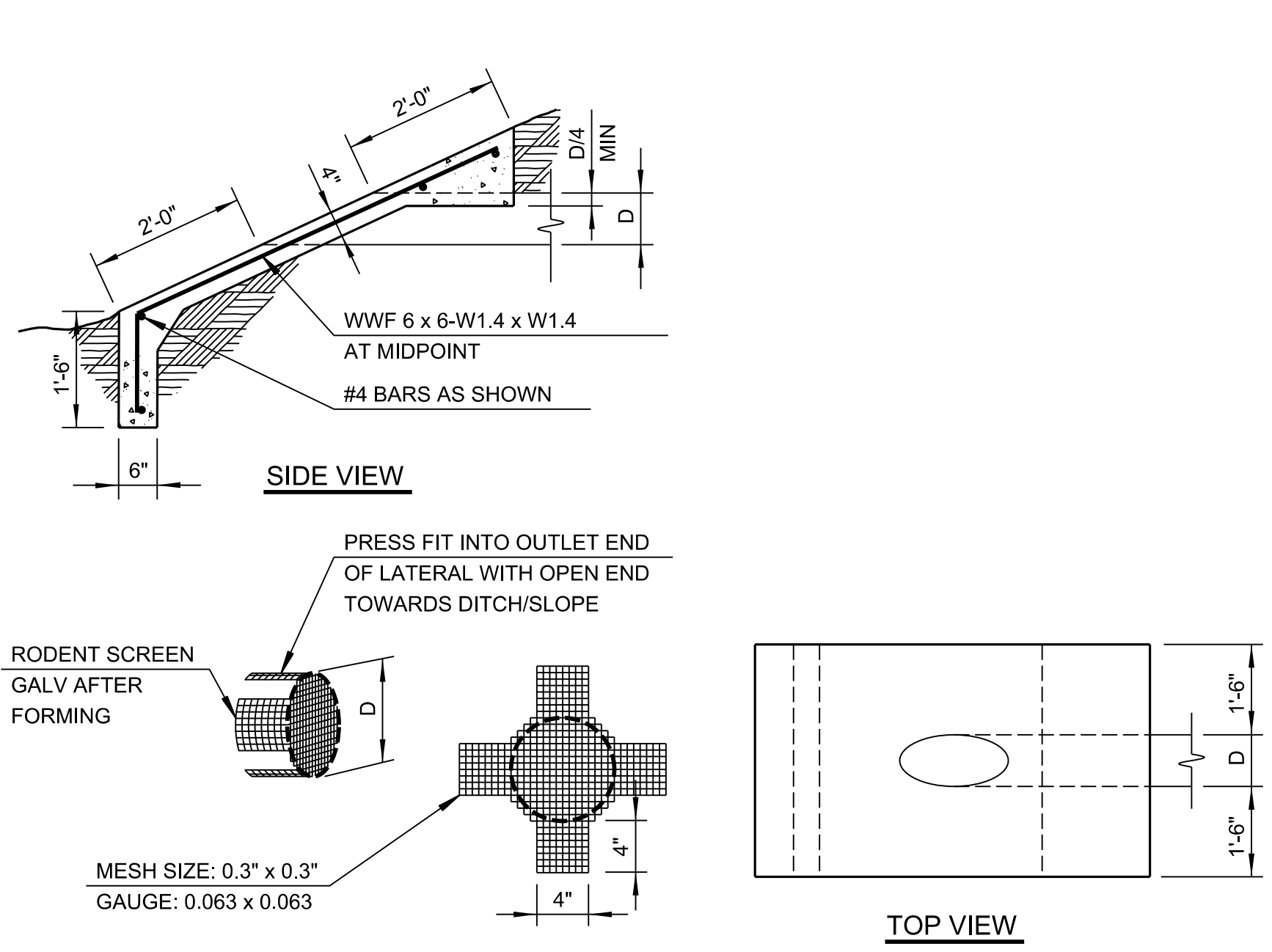
8 BOLLARD
 SCALE: NTS



9 ACCESSIBLE STRIPING
 SCALE: NTS



10 ACCESSIBLE SIGNAGE
 SCALE: NTS



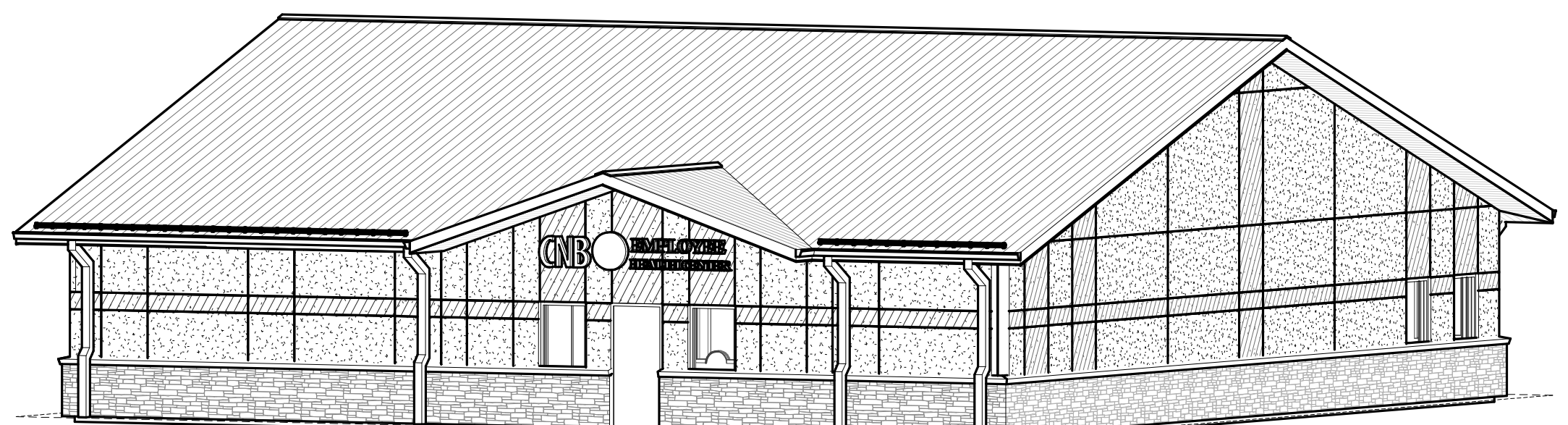
11 CONC SLOPE END TREATMENT
 SCALE: NTS



12 STRIPING FOR FIRE LANE
 SCALE: NTS



CAUTION
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T AXONOMETRIC

REFLECTED CEILING PLAN LEGEND

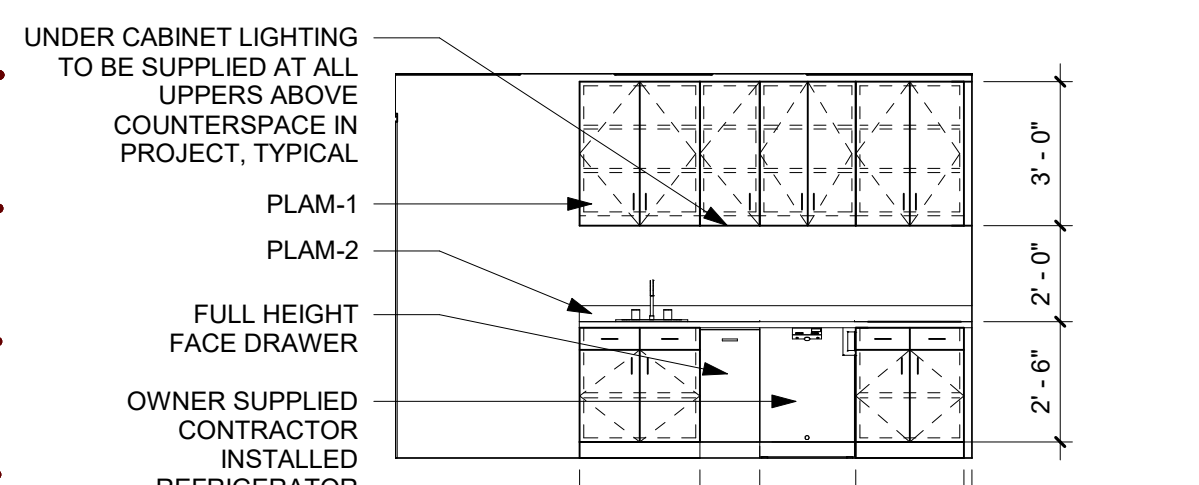
	2x2 LAY IN LENS		2x4 LAY IN LENS
	ACOUSTIC CEILING TILE (ACT-1)		GYPSUM BOARD
	RECESSED CAN LIGHT		SURFACE MOUNTED STRIP LIGHT
	ACOUSTIC CEILING TILE (ACT-2)		EXIT SIGN

DOOR SCHEDULE

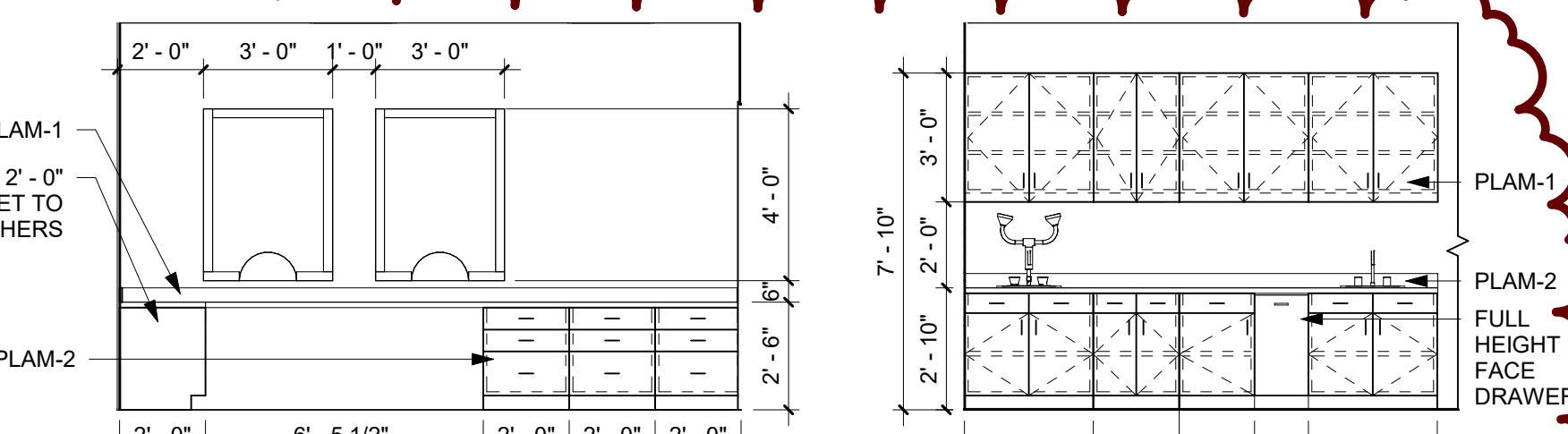
REV	DOOR NO.	WIDTH	HEIGHT	DOOR	FINISH	MATERIAL	FRAME	FINISH	HARDWARE	COMMENTS
	100A	3'-0"	7'-0"	HM	PT-2	HM	HM	PT-2	ENTRY LOCKSET	1.
	101B	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1, 3
	101C	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	3
	103	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1
	105	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1
	108	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1
	108B	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1
	110	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	OFFICE LOCKSET	1.
	111	3'-0"	7'-0"	HM	PT-2	HM	HM	PT-2	ENTRY LOCKSET	1.
	112	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	OFFICE LOCKSET	1.
	113	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	OFFICE LOCKSET	1.
	114	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PRIVATE LOCKSET	1.
	115	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PRIVATE LOCKSET	1.
	116	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	STORAGE LOCKSET	1.
	117	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
	117B	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
	118	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	STORAGE LOCKSET	1.
	119	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	STORAGE LOCKSET	1.
	120	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	STORAGE LOCKSET	1.
	121	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	STORAGE LOCKSET	1.
	122	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PRIVATE LOCKSET	1.
	123	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	STORAGE LOCKSET	1.
	124	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	STORAGE LOCKSET	1.
	125	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PRIVATE LOCKSET	1.
	127	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
	128A	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
	128B	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
	129	3'-0"	7'-0"	HM	PT-2	HM	HM	PT-2	ENTRY LOCKSET	1.
	130A	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
	130B	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
	131	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
	132	3'-0"	7'-0"	WD	PLAM-1	HM	HM	PT-2	PASSAGE LOCKSET	1.
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FINISH SCHEDULE

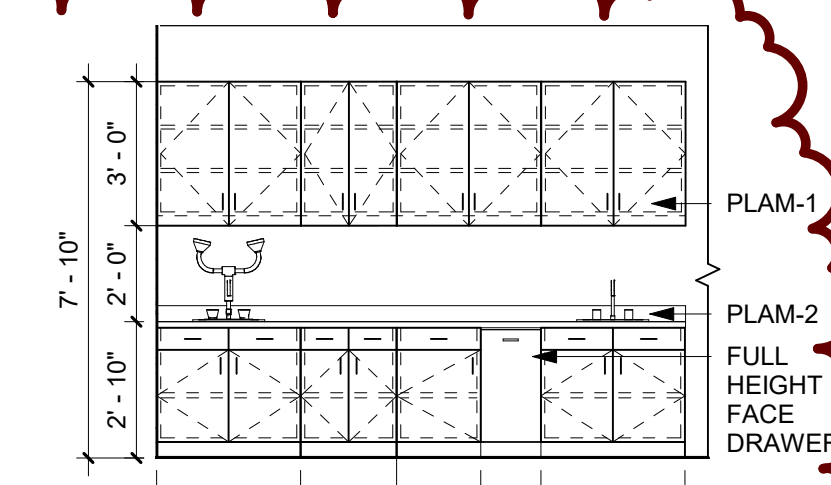
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING	COMMENTS
101	WAITING	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
102	HALLWAY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
103	EXAM #5	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-2	
105	EXAM #6	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-2	
107	PT	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
108	CONF. ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
109	HALLWAY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
110	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
111	BREAK ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
112	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
113	OFFICE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
114	TOILET	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	PT-3	
115	TOILET	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	PT-3	
116	MEDS	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-1	
117	HALLWAY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
118	JAM	C-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-1	
119	STOR.	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
120	STO	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
121	RECEPTION	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
122	TOILET	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	PT-3	
123	STO	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
124	IT	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
125	TOILET	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	PT-3	
126	HALLWAY	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
127	LAB	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-2	
128	EXAM #1	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-2	
129	VEST.	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
130	EXAM #2	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-2	
131	EXAM #3	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-2	
132	EXAM #4	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-2	
133	PROCEDURE ROOM	LVT-1	RB-1	FRP-1	FRP-1	FRP-1	FRP-1	ACT-2	



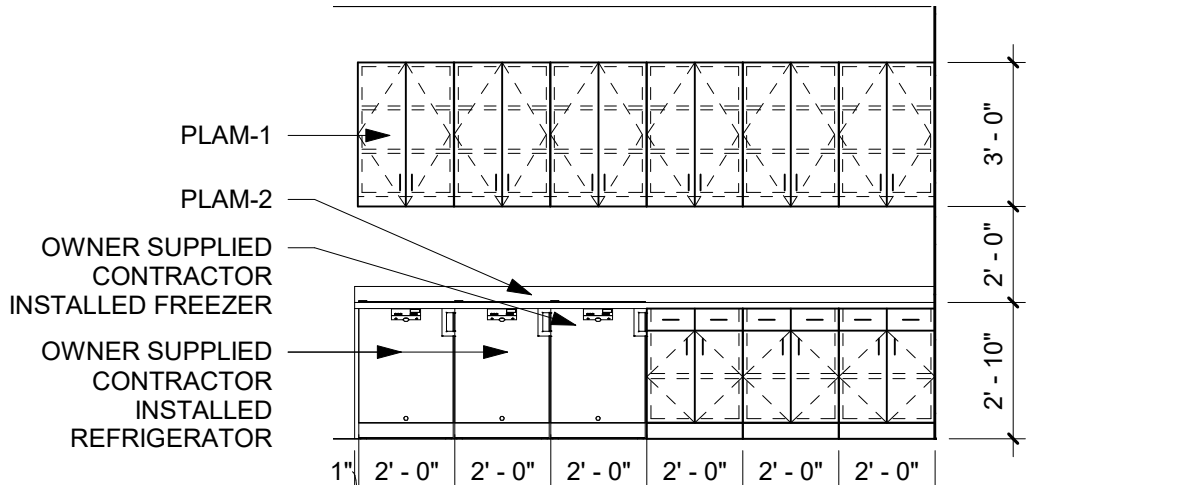
S INTERIOR ELEVATION
1/4" = 1'-0"



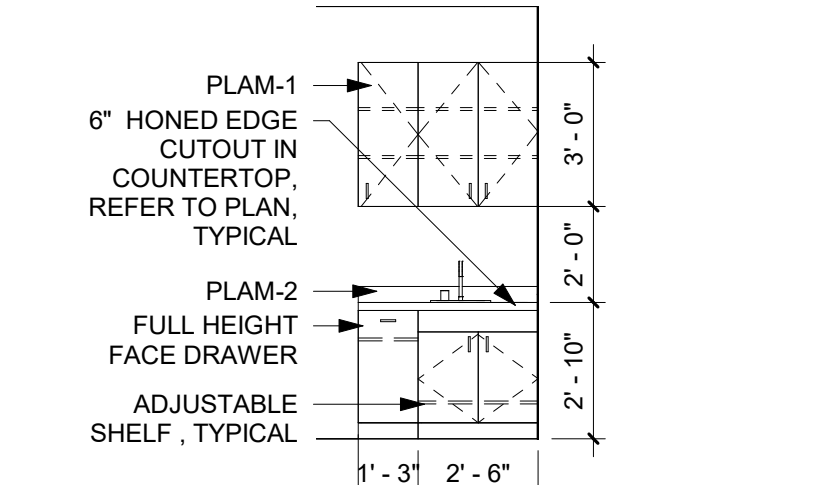
Q INTERIOR ELEVATION
1/4" = 1'-0"



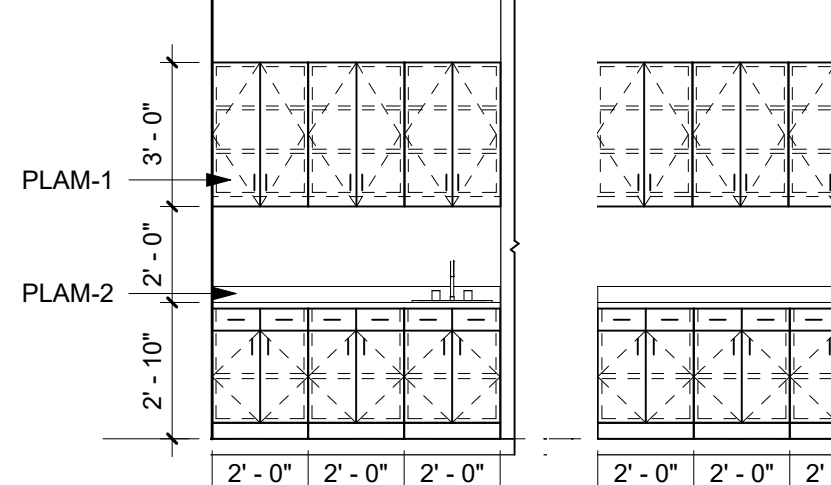
P.1 INTERIOR ELEVATION
1/4" = 1'-0"



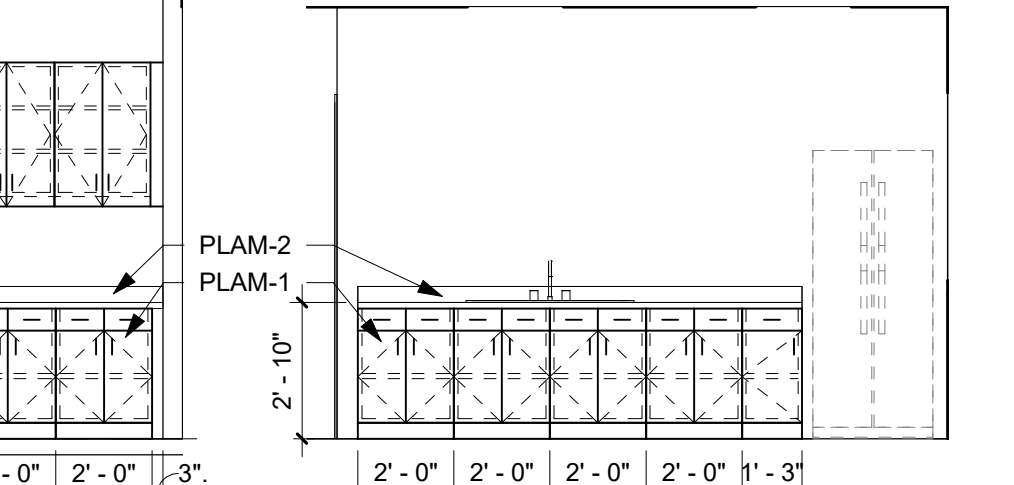
P INTERIOR ELEVATION
1/4" = 1'-0"



N INTERIOR ELEVATION
1/4" = 1'-0"



M INTERIOR ELEVATION
1/4" = 1'-0"



L INTERIOR ELEVATION
1/4" = 1'-0"

FINISH LEGEND

FLOOR FINISH	WALL FINISH (CONTINUED)	MISCELLANEOUS
LVT-1 LUXURY VINYL TILE MANUFACTURER: MILIKEN COLOR: EUCALYPTUS SALIGNA	FRP-1 FIBERGLASS REINF. PLASTIC STYLE: PERISLED COLOR: WHITE	PLAM-1 PLASTIC LAMINATE MANUF. WILSONART COLOR: LANDMARK WOOD 7981
C-1 SEALED CONCRETE	ACT-1 ACOUSTICAL CEILING TILE MANUF. ARMSTRONG STYLE: GEORGIAN HSH WASHABILITY COLOR: WHITE	PLAM-2 PLASTIC LAMINATE MANUF. WILSONART COLOR: PEWTER MESH 4878
RB-1 RUBBER BASE MANUF. TARKETT STYLE: 4' COVE COLOR: MOON ROCK WG	ACT-2 CLEANABLE ACOUSTICAL CEILING TILE MANUF. ARMSTRONG STYLE: GEORGIAN HSH WASHABILITY COLOR: WHITE	SS-1 SOLID SURFACE MANUFACTURER: CORIAN COLOR: LINEN ALL WINDOWS TO RECEIVE SOLID SURFACE SILL
PT-1 GENERAL WALL PAINT MANUF. SHERWIN WILLIAMS STYLE: EGGSHELL COLOR: 7035 AESTHIC WHITE	PT-3 GYPSUM CEILING PAINT MANUF. SHERWIN WILLIAMS STYLE: FLAT COLOR: 7005 PURE WHITE	
PT-2 DOOR FRAME PAINT (HM ONLY) MANUF. SHERWIN WILLIAMS STYLE: SEMI-GLOSS COLOR: 7669 MARCH WIND		

EXTERIOR MATERIAL LEGEND

DRAINABLE EIFS SYSTEM

- EIFS-1 DRAINABLE EIFS SYSTEM - MATCH EXISTING WHITE
- EIFS-2 DRAINABLE EIFS SYSTEM - MATCH EXISTING TAN

STONE VENEER

- ST-1 STONE VENEER - MATCH EXISTING

STANDING SEAM METAL ROOF - SSR

- SSR-1 STANDING SEAM - MATCH EXISTING

OTHER ITEMS

- GLAZING SYSTEM, REFER TO AXFF FOR MORE INFORMATION
- LIGHTING, REFER TO ELECTRICAL
- LOUVER, REFER TO MECHANICAL

GENERAL NOTES

- MASONRY DIMENSIONS ARE NOMINAL, UNLESS NOTED OTHERWISE.
- REFER TO CIVIL DRAWINGS FOR FINISH GRADE ELEVATIONS.
- DETAILS ON EXTERIOR ELEVATIONS ARE GENERAL IN NATURE AND FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO WALL DETAILS AND SECTIONS FOR DETAILED INFORMATION CONCERNING EXTERIOR CONSTRUCTION.
- REFER TO ELECTRICAL DRAWINGS FOR EXTERIOR LIGHTING.
- PROVIDE CONTROL JOINTS PER MANUFACTURER'S SPECIFICATIONS.

PARTITION TYPES NAMING CONVENTION

STRUCTURE	SUB-TYPE
A 7/8" HAT CHANNEL	a 6" ABOVE CEILING, BRACED HEAD (OR STR TO STRUCTURE ABOVE IF UNDER 24")
B 1 5/8" METAL STUD	b TO UNDERSIDE OF STRUCTURE ABOVE.
C 2 1/2" METAL STUD	c STR TO UNDERSIDE OF STRUCTURE ABOVE.
D 3 5/8" METAL STUD	d GYP TO 10' ABOVE CEILING
E 4" METAL STUD	e STR & GYP ONE SIDE TO STRUCTURE, GYP OTHER SIDE TO 10' ABOVE CEILING
F 6" METAL STUD	f FURRING: 6" ABOVE CEILING
G 3 5/8" DOUBLE METAL STUD	g FURRING: TO UNDERSIDE OF STRUCTURE
H 4" METAL STUD	h FURRING: PARTIAL HEIGHT
J 2 1/2" C-H METAL STUD	i LEAD LINED
K 4" C-H METAL STUD	j PARTIAL HEIGHT
L 6" C-H METAL STUD	k SHEAR WALL, REFER TO STRUCTURAL
M 2x4 WOOD STUD	l SOUND TO STRUCTURE ABOVE, SOUND BATS
N 2x6 WOOD STUD	m SOUND PART: (2) LAYERS GYP ONE SIDE (1) LAYER OTHER SIDE, SOUND BATS
P 4" CMU	n SOUND PART: (2) LAYERS GYP, SOUND BATS
R 8" CMU	
S 4" CMU	
Z 1 1/2" Z" FURRING CHANNEL	

FIRE RESISTANCE RATING

0	NON-RATED
1	1 HOUR
2	2 HOUR
3	3 HOUR
4	4 HOUR

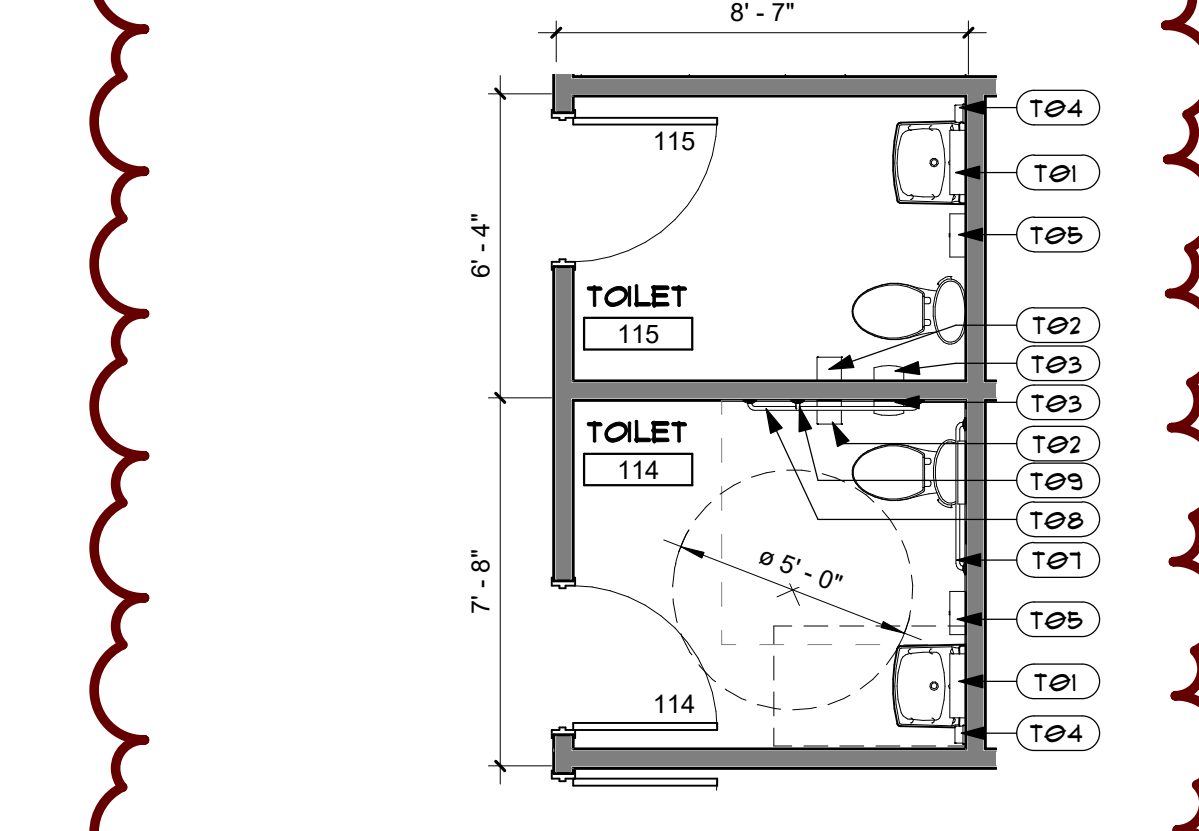
SMOKE RATING

X	SMOKE PARTITION, SMOKE BARRIER OR WALL RESISTING THE PASSAGE OF SMOKE
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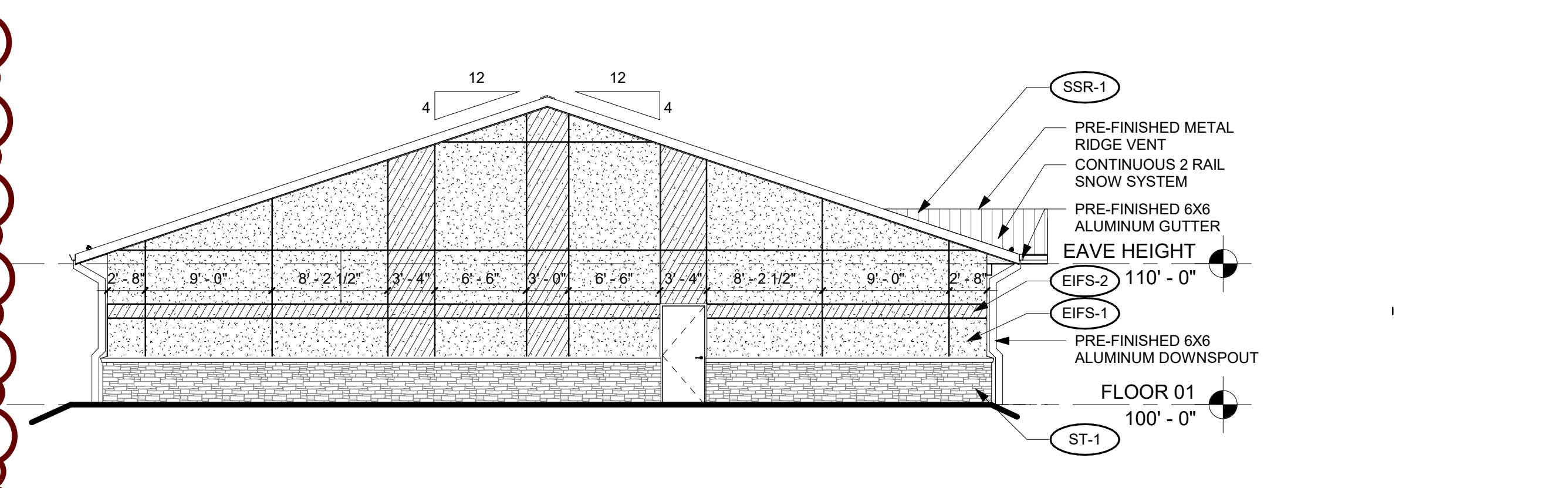
EXAMPLE

DA	STRUCTURE	D = 3/8" METAL STUD
1X	SUB-TYPE	= 1" HRF FIRE RESISTANCE RATING (OPTIONAL)
	FIRE RATING	X = SMOKE RATED PARTITION

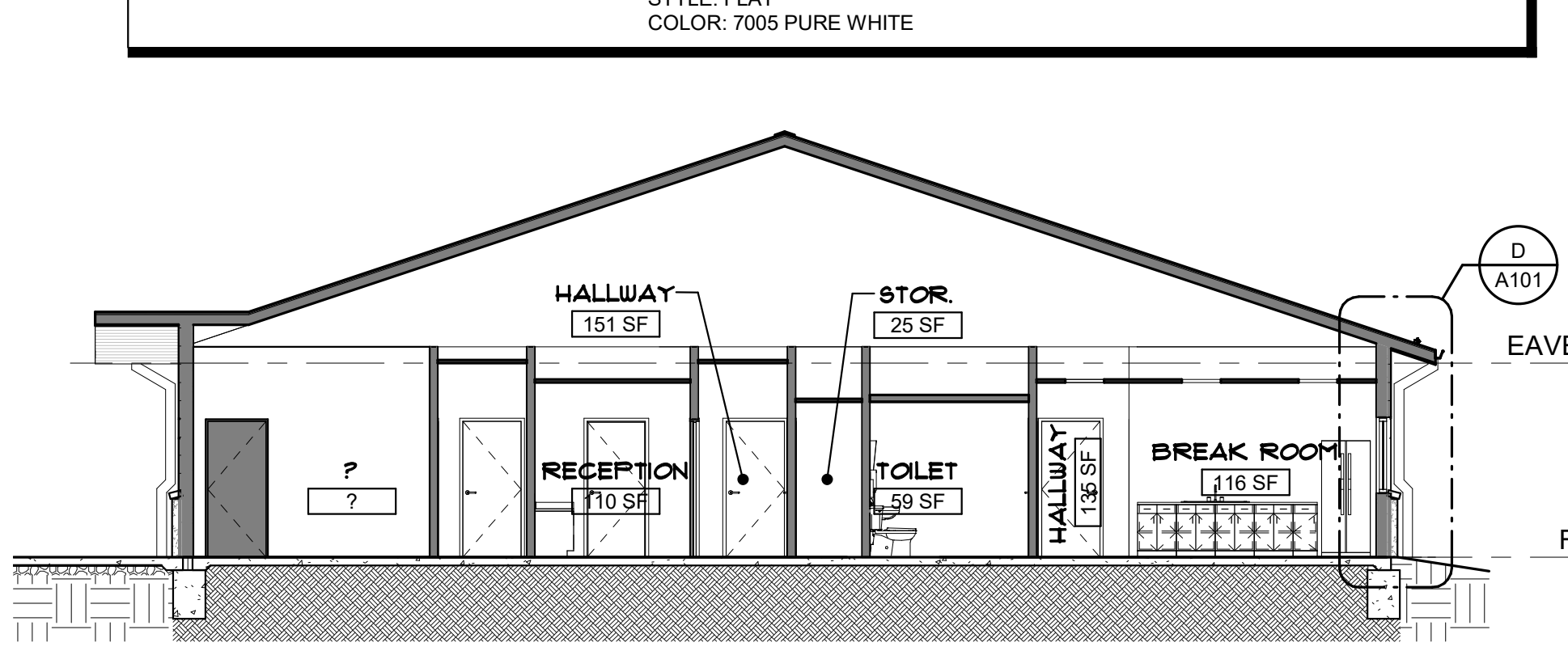
GENERAL NOTE: ALL INTERIOR WALLS TO HAVE SOUND ATTENUATION



K.1 TOILET PLAN
1/4" = 1'-0"



K EAST ELEVATION
1/8" = 1'-0"

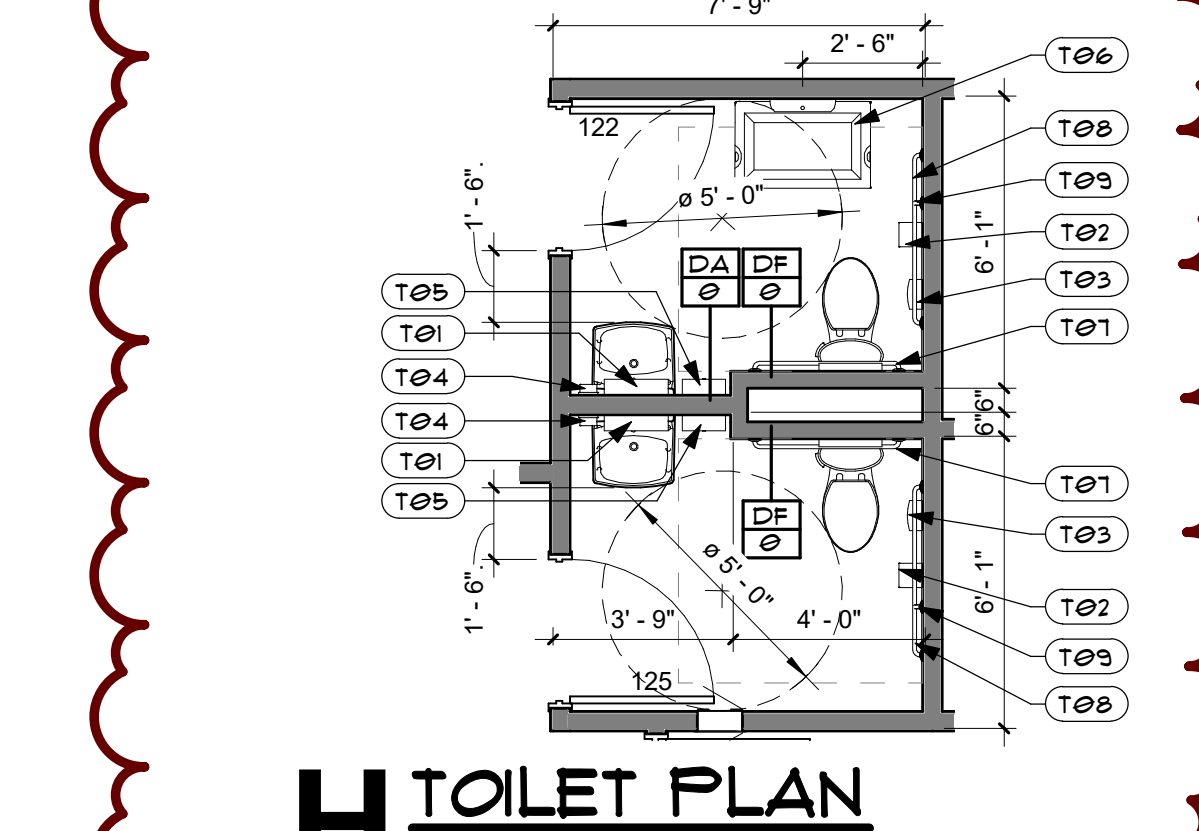


J BUILDING SECTION
1/8" = 1'-0"

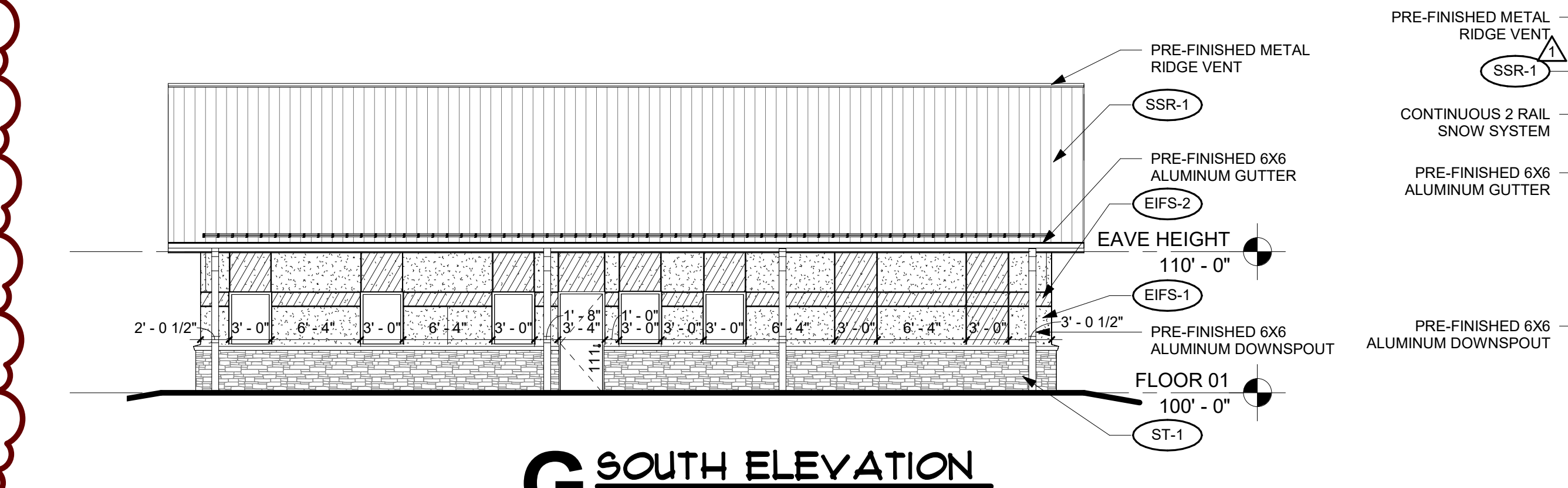
TOILET ACCESSORIES LEGEND

NO.	DESCRIPTION	C.F.C.I.	O.F.C.I.	O.F.O.I.	MANUFACTURER	MODEL NUMBER
T01	GLASS MIRROR WITH STAINLESS STEEL CHANNEL FRAME	O			BRADLEY	781-2436
T02	SURFACE-MOUNTED TOILET TISSUE DISPENSER, TWO ROLLS	O			BRADLEY	5954
T03	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	O			BRADLEY	4722-15
T04	SOAP DISPENSER, WALL-MOUNTED	O			BRADLEY	8562
T05	PAPER TOWEL DISPENSER	O			BRADLEY	250-15
T06	CHANGING TABLE	O			KOALA KARE	KB200
T07	1-1/2" DIAMETER STAINLESS STEEL GRAB BAR	O			BRADLEY	001-38
T08	1-1/2" DIAMETER STAINLESS STEEL GRAB BAR	O			BRADLEY	001-42
T09	1-1/2" DIAMETER STAINLESS STEEL GRAB BAR	O			BRADLEY	001-18

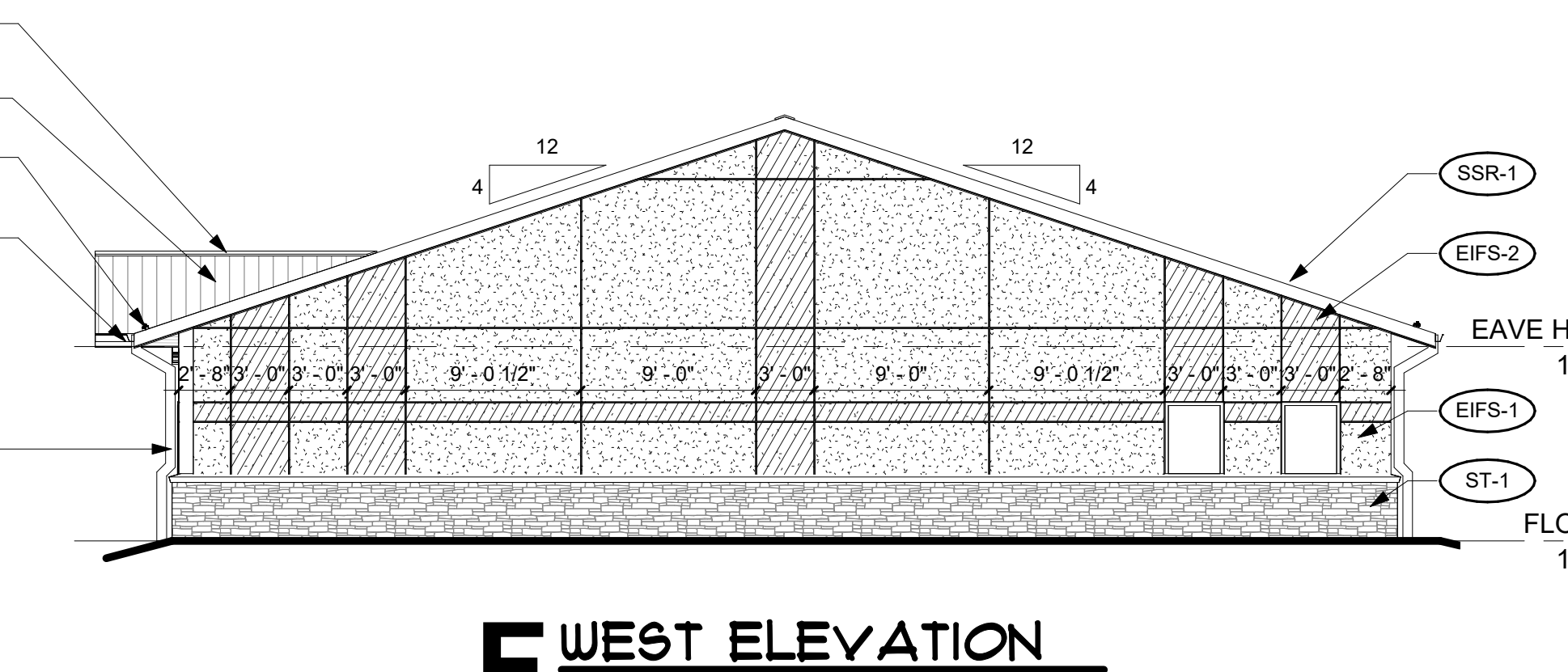
ABBREVIATIONS:
C.F.C.I. = CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
O.F.C.I. = OWNER FURNISHED, CONTRACTOR INSTALLED
O.F.O.I. = OWNER FURNISHED, OWNER INSTALLED



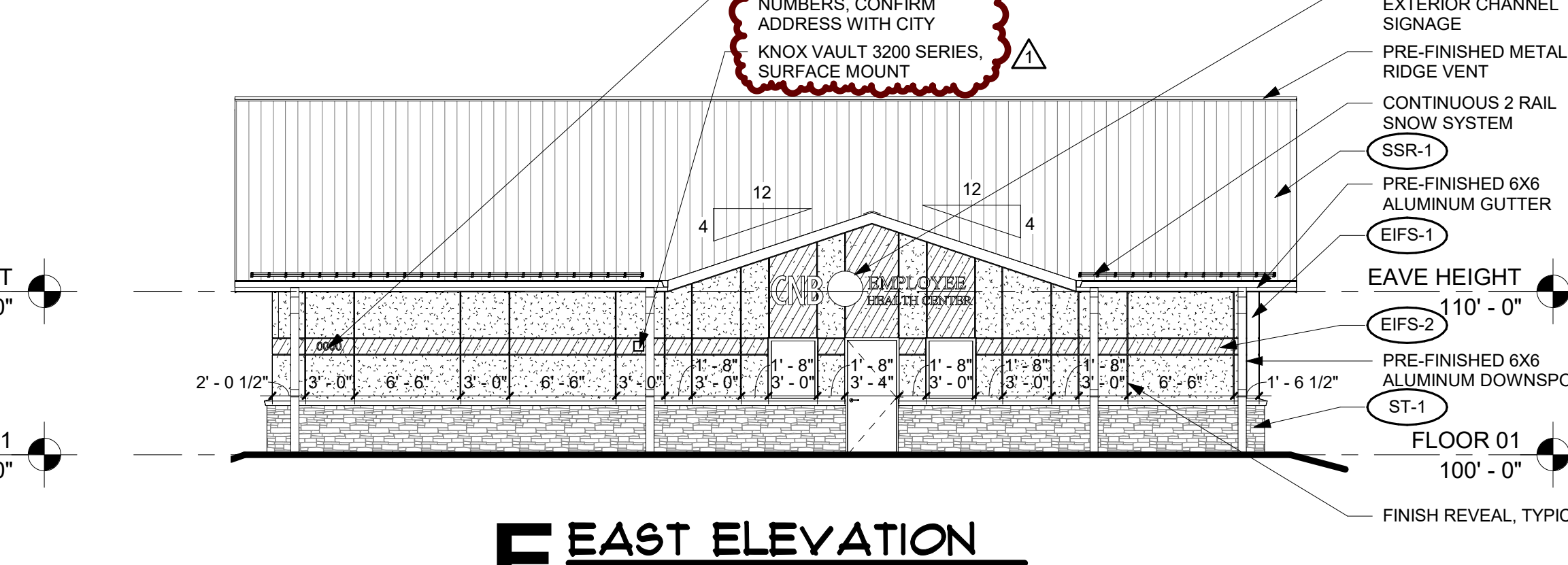
H TOILET PLAN
1/4" = 1'-0"



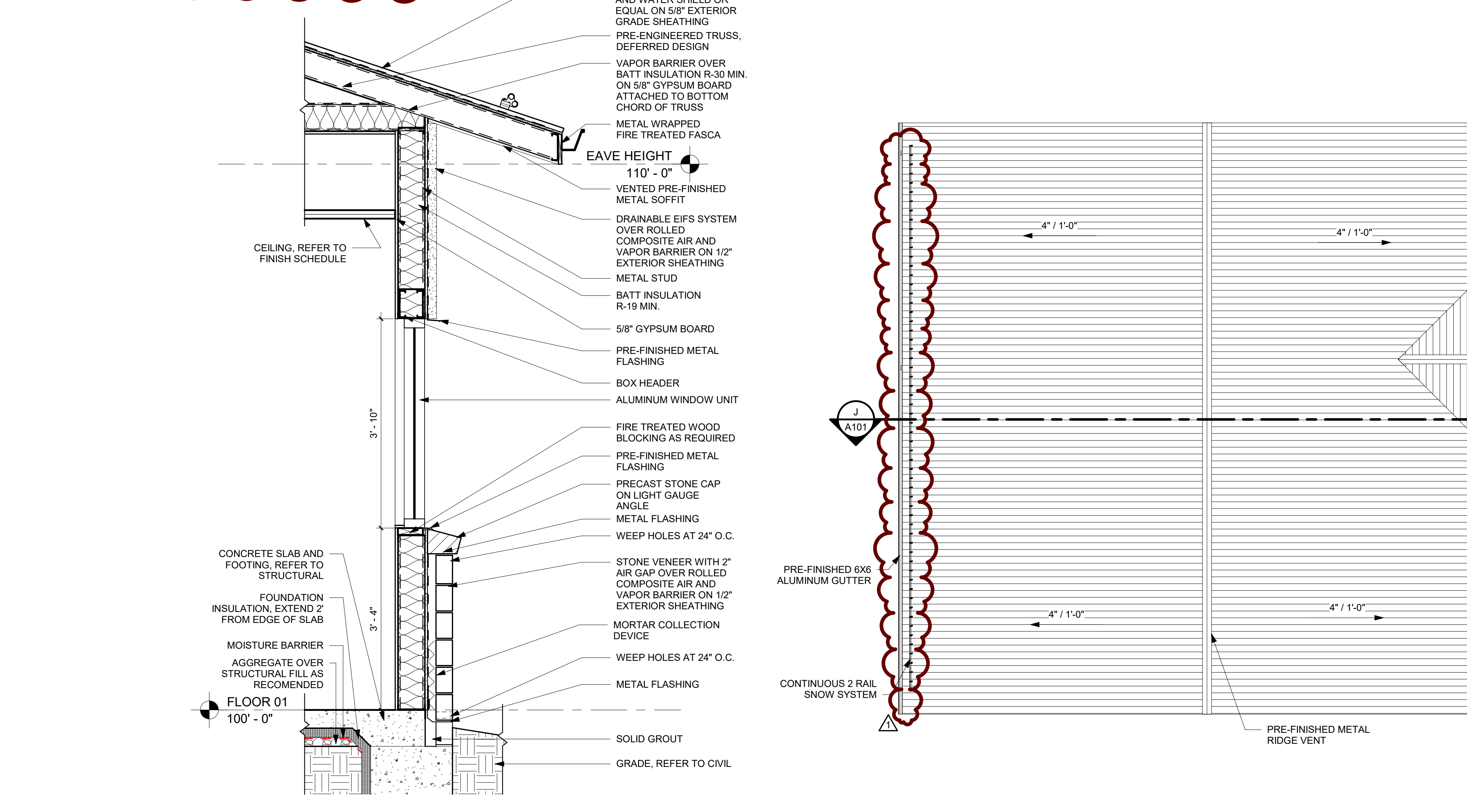
G SOUTH ELEVATION
1/8" = 1'-0"



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



E EAST ELEVATION
1/8" = 1'-0"



CHEROKEE NATION - COVID PROJECTS
HARD ROCK HEALTH CLINIC
CATOOSA, OK
FIRST FLOOR HVAC PLAN



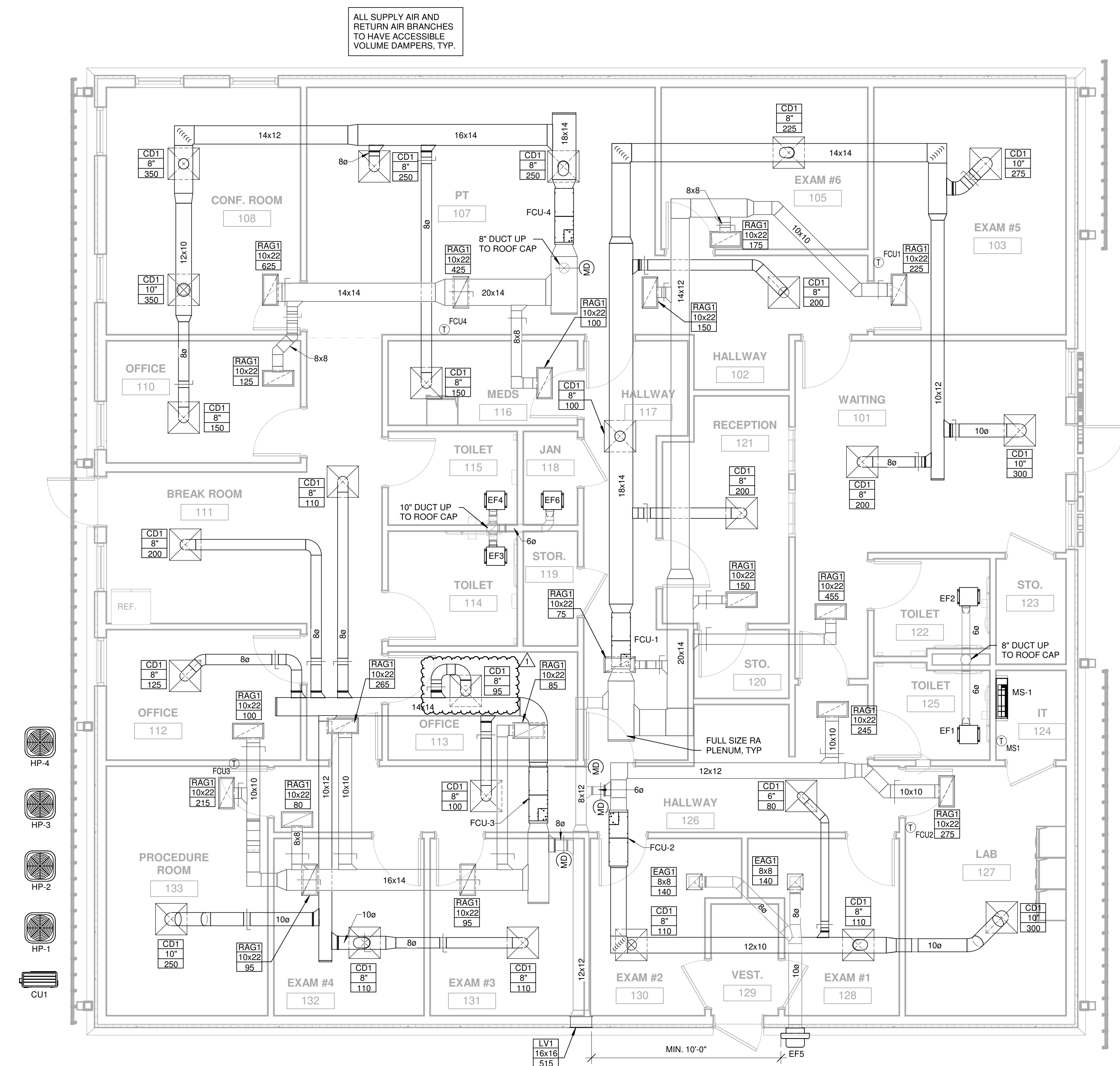
PROJECT #: 20200132

ISSUE DATES:
CONSTRUCTION 12/14/2020
DOCUMENTS

No.	Description	Date
1	ASI #30	2021.01.06

SHEET NUMBER:

M101



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

HEAT PUMP CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER & MODEL	NOMINAL CAPACITY (TONS)	NET COOLING CAPACITY TOTAL, SEER MBH	ELECTRICAL							WEIGHT (LB)	NOTES
				V	P	Hz	MCA	MOPP	SEER			
CU1	DAIKIN RK12MNVJU	1.0	10.90/19.48	230 V	1	60 Hz	12 A	15 A	14	19	197 lb	ALL
HP-1	CARRIER 25HCE448AP05	4.0	44.99/33.08	208 V	3	60 Hz	15 A	25 A	14	19	197 lb	ALL
HP-2	CARRIER 25HCE448AP03	1.5	17.24/12.60	208 V	1	60 Hz	12 A	20 A	14	19	136 lb	ALL
HP-3	CARRIER 25HCE448AP03	2.5	27.93/22.22	208 V	1	60 Hz	18 A	30 A	14	19	158 lb	ALL
HP-4	CARRIER 25HCE448AP05	4.0	44.99/33.08	208 V	3	60 Hz	15 A	25 A	14	19	197 lb	ALL

- NOTES:
- ALL UNITS SHALL BE SUPPLIED AS COMPLETE SYSTEMS WITH EXPANSION VALVES (TXV), FILTER-DRYERS, SIGHT GLASS, LOW AMBIENT HEATER, CRANKCASE HEATER AND R410A REFRIGERANT PIPING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - CONTRACTOR SHALL VERIFY WITH THE UNIT MANUFACTURER THAT REFRIGERANT LINES ARE WITHIN THE RECOMMENDED ALLOWABLE LINE LENGTHS OF RUN AND RISE. CONTACT THE ENGINEER IF LINE LENGTHS EXCEED THESE REQUIREMENTS.
 - INSTALL NEW UNITS ON 4" THICK CONCRETE PAD SUITABLE FOR HVAC SYSTEMS. ANCHOR UNIT TO PAD.
 - INSTALLING CONTRACTOR SHALL BE CERTIFIED BY THE MANUFACTURER TO BID AND INSTALL THE EQUIPMENT.
 - FIELD INSTALLED DISCONNECT SWITCH BY DIV. 26 ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS.

FAN/COIL UNIT SCHEDULE

MARK	MANUFACTURER & MODEL	S/A CFM	O/A CFM	ESP	COOLING CAPACITY (TONS)	ELECTRICAL							CONFIG	NOTES
						V	P	Hz	HTG INPUT (KW)	MCA	MOPP			
FCU-1	CARRIER FB4CNP048L00	1500	270	.5	4	208 V	1	60 Hz	10.0	54 A	60 A	HORIZONTAL	ALL	
FCU-2	CARRIER FB4CNP018L00	600	80	.5	1.5	208 V	1	60 Hz	5.0	26 A	30 A	HORIZONTAL	ALL	
FCU-3	CARRIER FB4CNP036L00	1100	165	.5	2.5	208 V	1	60 Hz	8.0	45 A	45 A	HORIZONTAL	ALL	
FCU-4	CARRIER FB4CNP048L00	1500	225	.5	4	208 V	1	60 Hz	10.0	54 A	60 A	HORIZONTAL	ALL	
MS-1	DAIKIN FT12MNVJU	434	0	0	1	208 V	1	60 Hz	0.0	0 A	0 A	WALL-MOUNT	ALL	

- NOTES:
- INSTALL REFRIGERANT LINES PER MANUFACTURER GUIDELINES BASED ON RUN LENGTH. PROVIDE BALANCING DAMPER ON FRESH AIR SUPPLY TO PROVIDE SCHEDULED OUTSIDE AIR QUANTITIES.
 - PROVIDE BALANCING DAMPER ON FRESH AIR DUCTS TO PROVIDE OUTSIDE AIR CFMS AS SCHEDULED.
 - PROVIDE MANUFACTURER RECOMMENDED 7 DAY PROGRAMMABLE THERMOSTAT.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER & MODEL	LOCATION	MOUNTING	CFM	ESP	SONES	ELECTRICAL				SPEEDS	REMARKS
							V	P	Hz	WATTS		
EF1	GREENHECK SP-800	RESTROOM	CEILING	75	.15	2.0	115 V	1	60 Hz	65 W	1	A,B,C,E,F
EF2	GREENHECK SP-800	RESTROOM	CEILING	75	.15	2.0	115 V	1	60 Hz	65 W	1	A,B,C,E,F
EF3	GREENHECK SP-800	RESTROOM	CEILING	75	.15	2.0	115 V	1	60 Hz	65 W	1	A,B,C,E,F
EF4	GREENHECK SP-800	RESTROOM	CEILING	75	.15	2.0	115 V	1	60 Hz	65 W	1	A,B,C,E,F
EF5	GREENHECK G-500-E	EXAM ROOM 1 & 2	WALL MOUNTED	280	0.05	4.1	115 V	1	60 Hz	20 W	1	A,B,C,D,F
EF6	GREENHECK SP-800	JANITOR	CEILING	75	.15	2.0	115 V	1	60 Hz	65 W	1	A,B,C,D,F

- NOTES:
- REFER TO DIVISION 23 SPECIFICATIONS.
 - REFER TO SPECIFICATIONS FOR ACCEPTABLE ALTERNATE MANUFACTURERS.
 - INSTALL FAN SYSTEM COMPLETE PER MANUFACTURER'S INSTRUCTIONS.
 - MECHANICAL CONTRACTOR SHALL COORDINATE FAN OPERATION AND RELAYS REQUIRED WITH THE ELECTRICAL WORK.
 - PROVIDE LABEL FOR EACH PIECE OF MECHANICAL EQUIPMENT. COORDINATE LABEL NAMING CONVENTION WITH OWNER.
- REMARKS:
- STANDARD DISCONNECT, COORDINATE LOCATION WITH ELECTRICAL CONTRACTOR.
 - PROVIDE ROOF CAP.
 - INTEGRAL BACKDRAFT DAMPER.
 - FAN CONTROLLED BY TIME CLOCK TO RUN CONTINUOUSLY DURING HOURS OF OPERATION. REFER TO ELECTRICAL DRAWINGS.
 - FAN CONTROLLED WITH LIGHT SWITCH. REFER TO ELECTRICAL DRAWINGS FOR LOCATION.
 - FLEXIBLE CONNECTIONS AT DISCHARGE DUCT CONNECTIONS TO MINIMIZE VIBRATION.

AIR DEVICE SCHEDULE

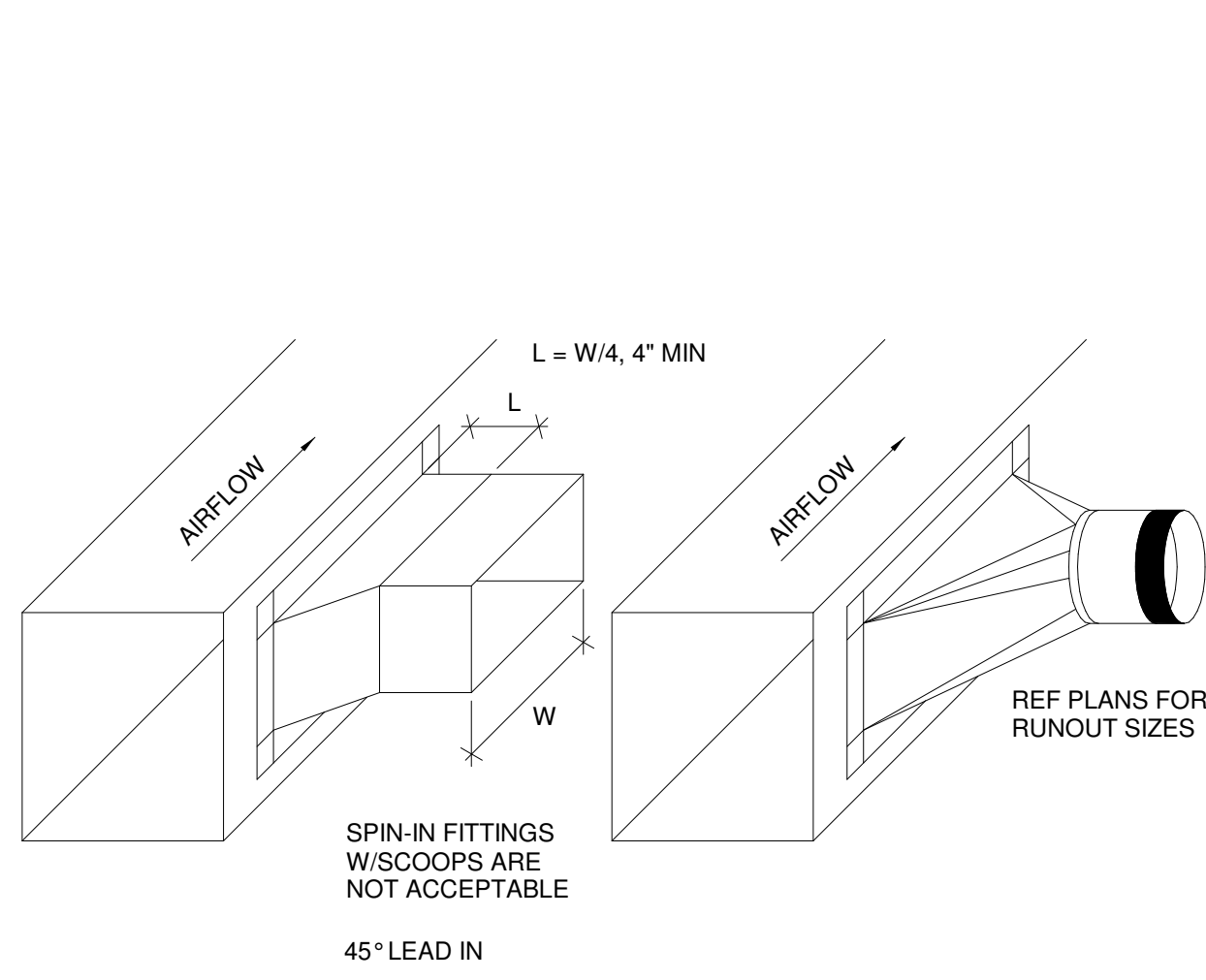
MARK	MANUFACTURER & MODEL	SERVICE	MATERIAL	FACE TYPE	MOUNTING LOCATION	FACE SIZE	NOTES
CD1	TITUS TMS	SUPPLY AIR	ALUMINUM	ROUND NECK	LAY-IN	24"x24"	ALL
EA01	TITUS 50F	EXHAUST AIR	ALUMINUM	SQUARE NECK	LAY-IN	12"x12"	ALL
RA01	TITUS 50F	RETURN AIR	ALUMINUM	SQUARE NECK	LAY-IN	24"x12"	ALL

- NOTES:
- COORDINATE FRAME TYPE WITH CEILING MATERIALS. DUCT MOUNT WHERE SPIRAL DUCTWORK EXPOSED.
 - NOT ALL GRILLE AND DIFFUSERS SHOWN ARE NECESSARILY USED. REFER TO HVAC PLAN FOR LOCATION AND QUANTITY.
 - FOR SURFACE MOUNTED LAY-IN TYPE DIFFUSERS OR GRILLES PROVIDE TRIM RINGS. REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE CEILING TYPES WITH AIR DEVICE MOUNTING STYLE.
 - WHERE BACK PAN OF DIFFUSER IS EXPOSED TO NON-CONDITIONED ATTIC TYPE SPACES, PROVIDE FACTORY R-6 FOIL BACKED INSULATION TO MINIMIZE CONDENSATION.
 - COORDINATE LOCATION OF GRILLES, REGISTERS AND DIFFUSERS WITH CEILING GRID, LIGHT LOCATIONS, STRUCTURAL MEMBERS AND ARCHITECTURAL FEATURES.
 - FINAL FINISH OF ALL AIR DEVICES SHALL BE VERIFIED WITH ARCHITECT'S FINISH AND PAINTING SCHEDULE.
 - ACCEPTABLE ALTERNATE MANUFACTURERS: CARNES, KRUEGER, PRICE, ANEMOSTAT, NAILOR, AND METALAIR.

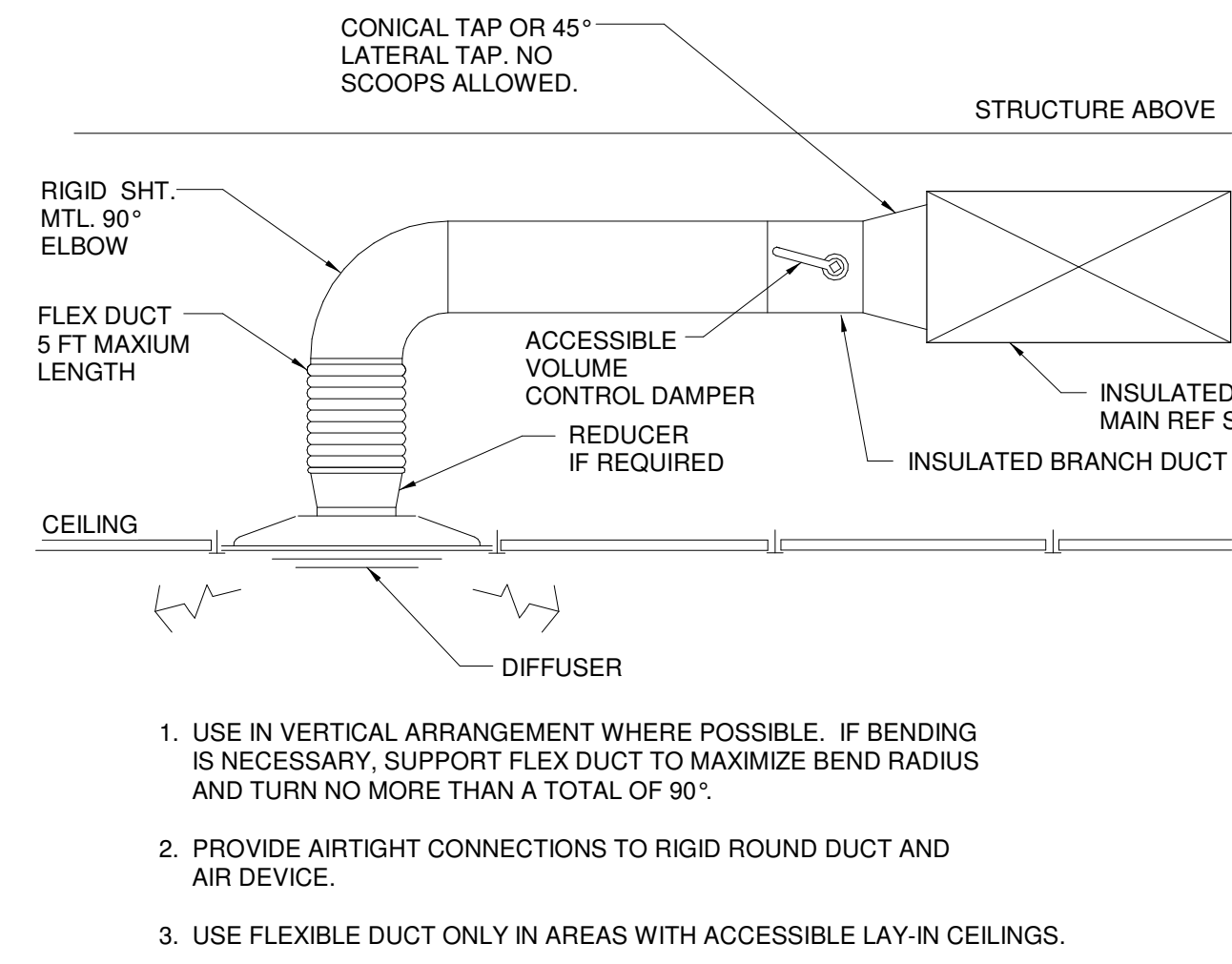
LOUVER SCHEDULE

MARK	MANUFACTURER & MODEL	MATERIAL	MOUNTING LOCATION	FACE SIZE	FREE AREA	FLOW	VELOCITY	PRESSURE DROP	NOTES
LV1	RUSKIN ELF5375DX	ALUMINUM	SIDEWALL	16 x 16	1.15 SF	515	448	0.03 in-wg	ALL

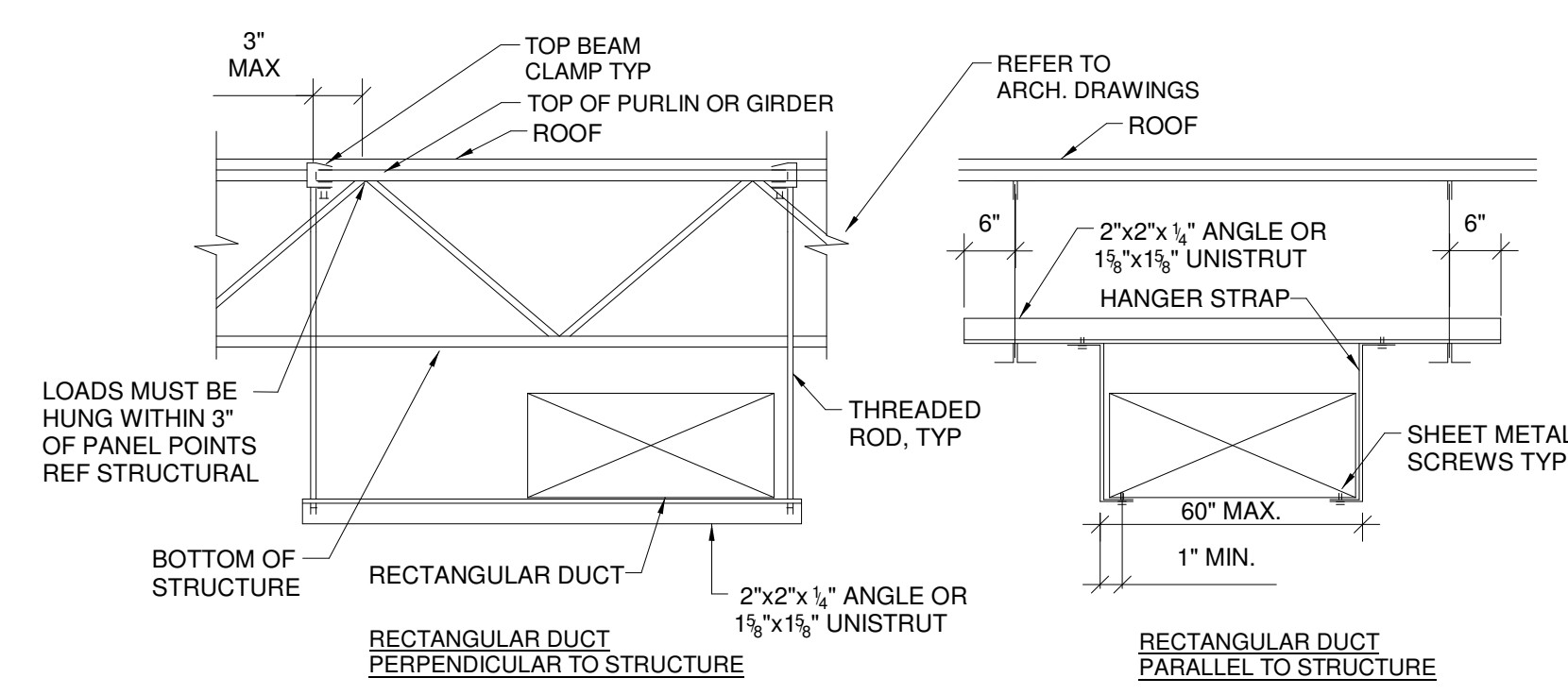
- NOTES:
- BRANCH DUCT SIZE SHALL BE SAME AS NOTED DIFFUSER NECK SIZE UNLESS NOTED OTHERWISE.
 - REFER TO DIVISION 23 SPECIFICATIONS FOR ACCEPTABLE ALTERNATE MANUFACTURERS.
 - PROVIDE OPTIONAL BRID AND INSECT SCREEN.
 - COLOR SHALL BE SELECTED BY ARCHITECT PRIOR TO ORDERING.



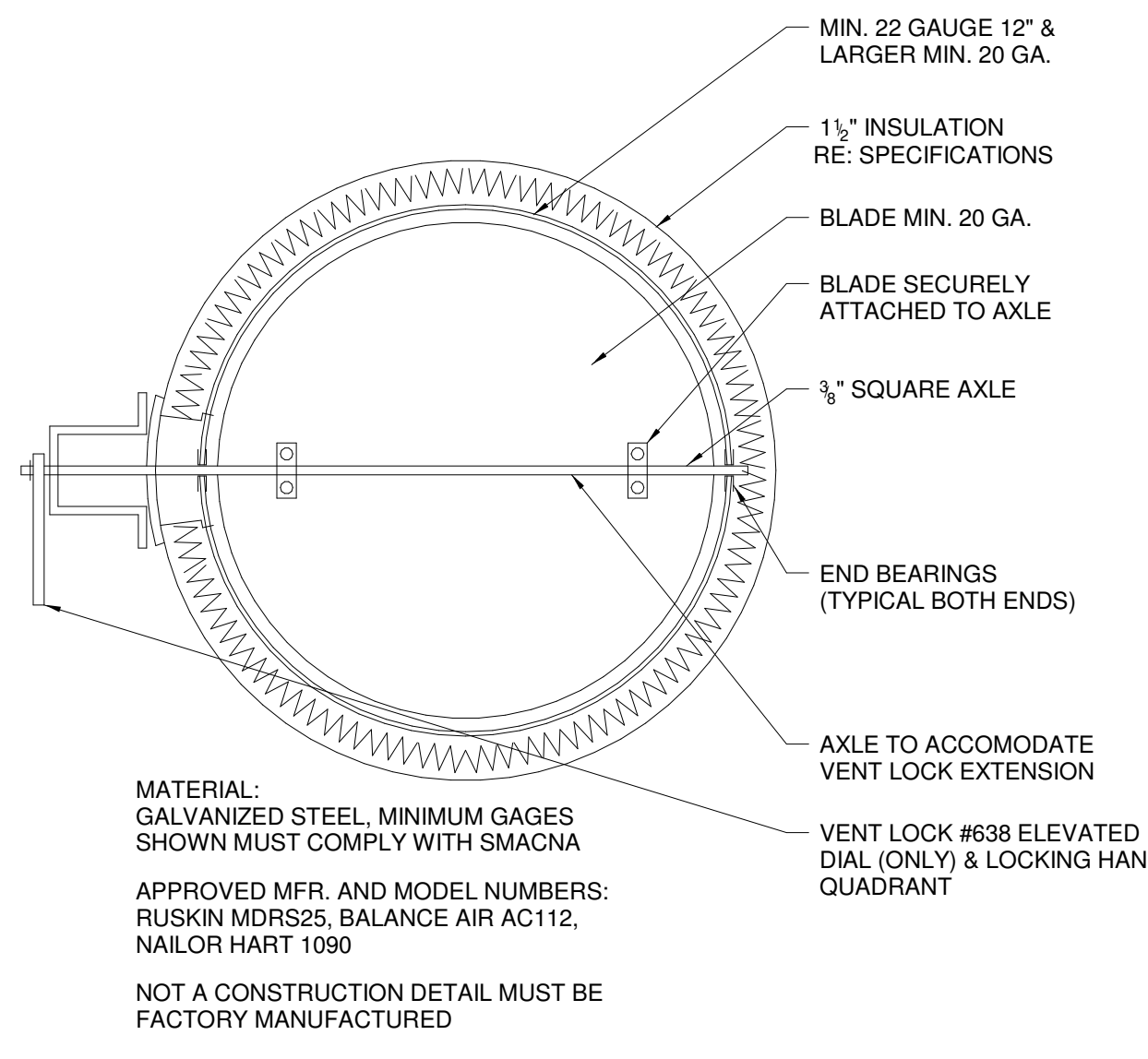
A BRANCH DUCT TAKE-OFF CONNECTION
NTS



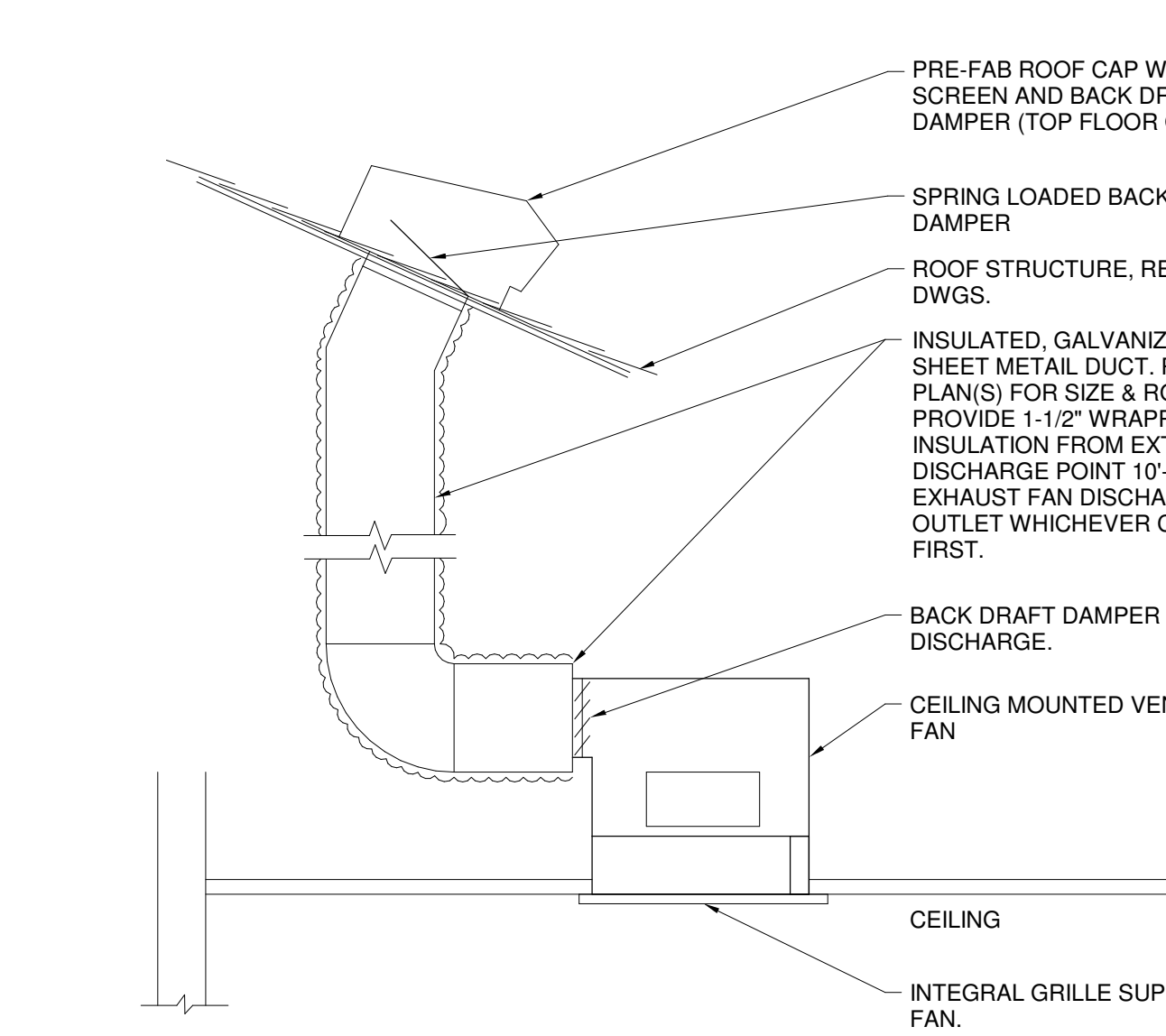
B BRANCH TAKE-OFF SUPPLY
NTS



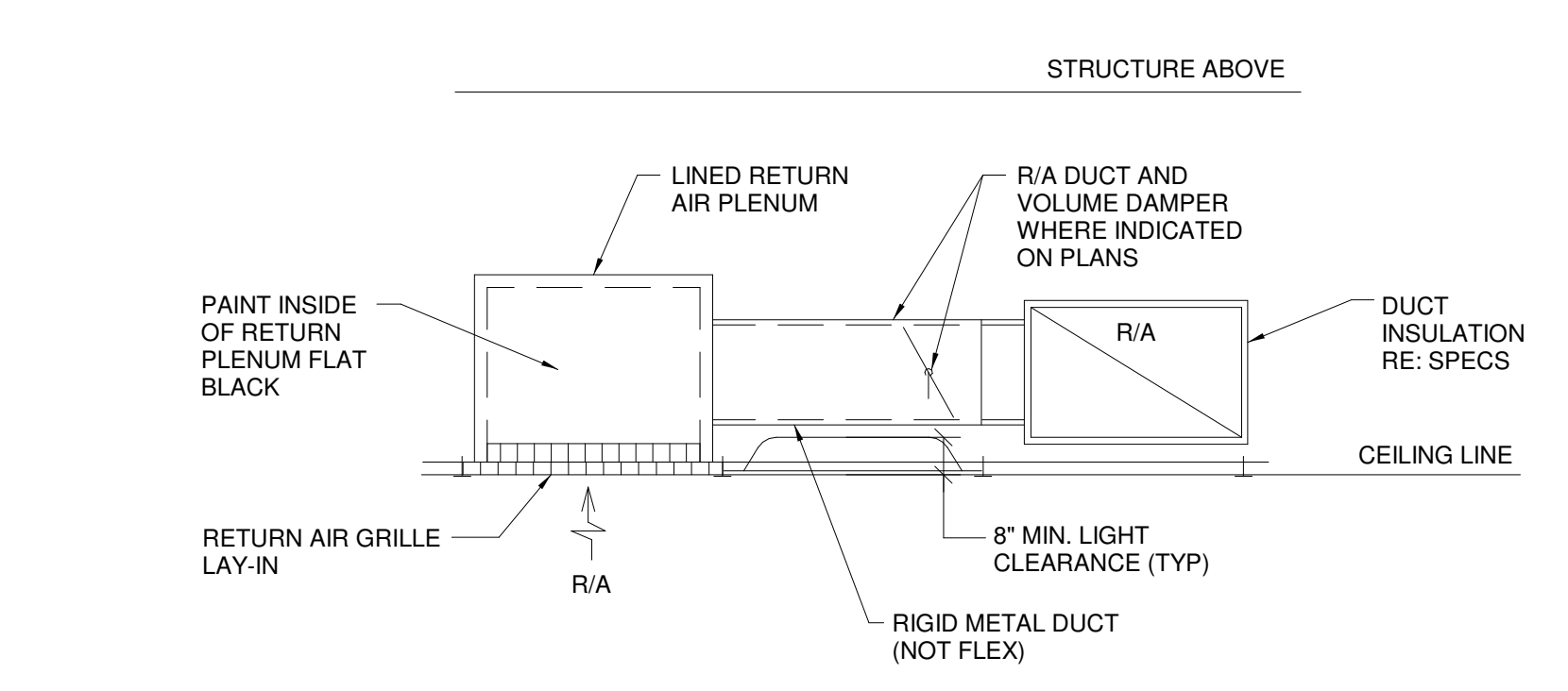
C DUCT SUPPORT ANGLE DETAIL
NTS



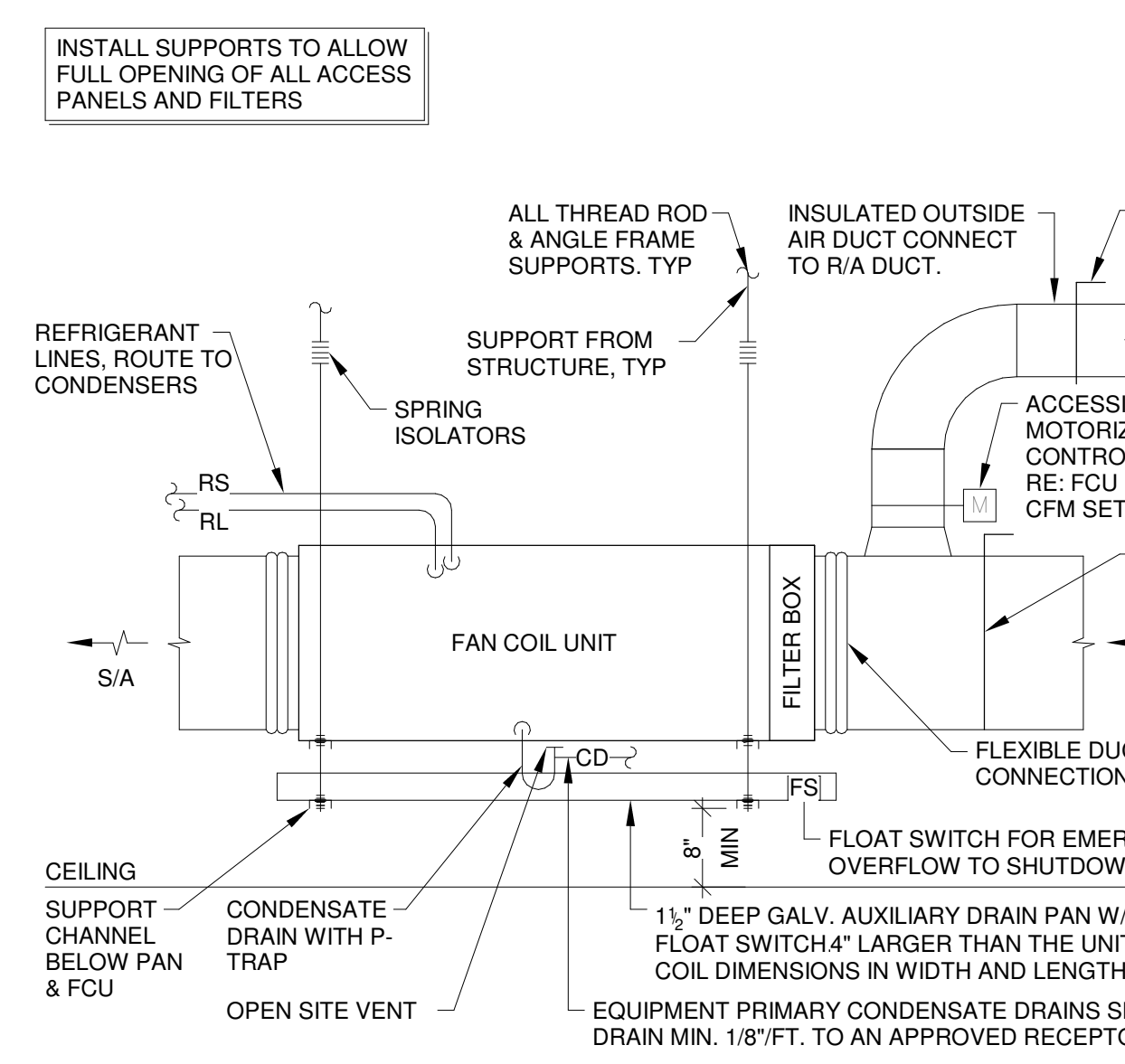
D VOLUME CONTROL DAMPER
NTS



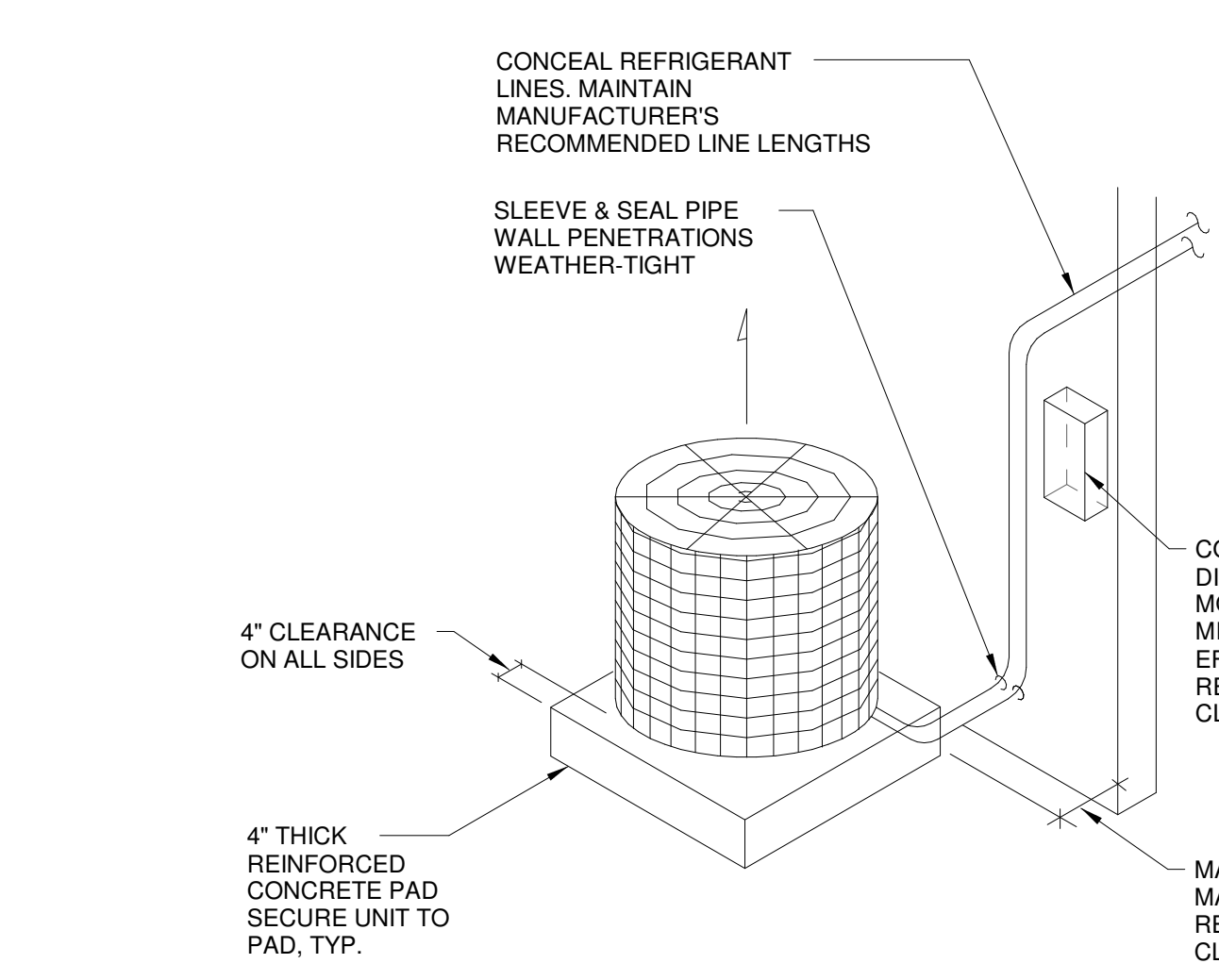
E CEILING MOUNTED EXHAUST FAN
NTS



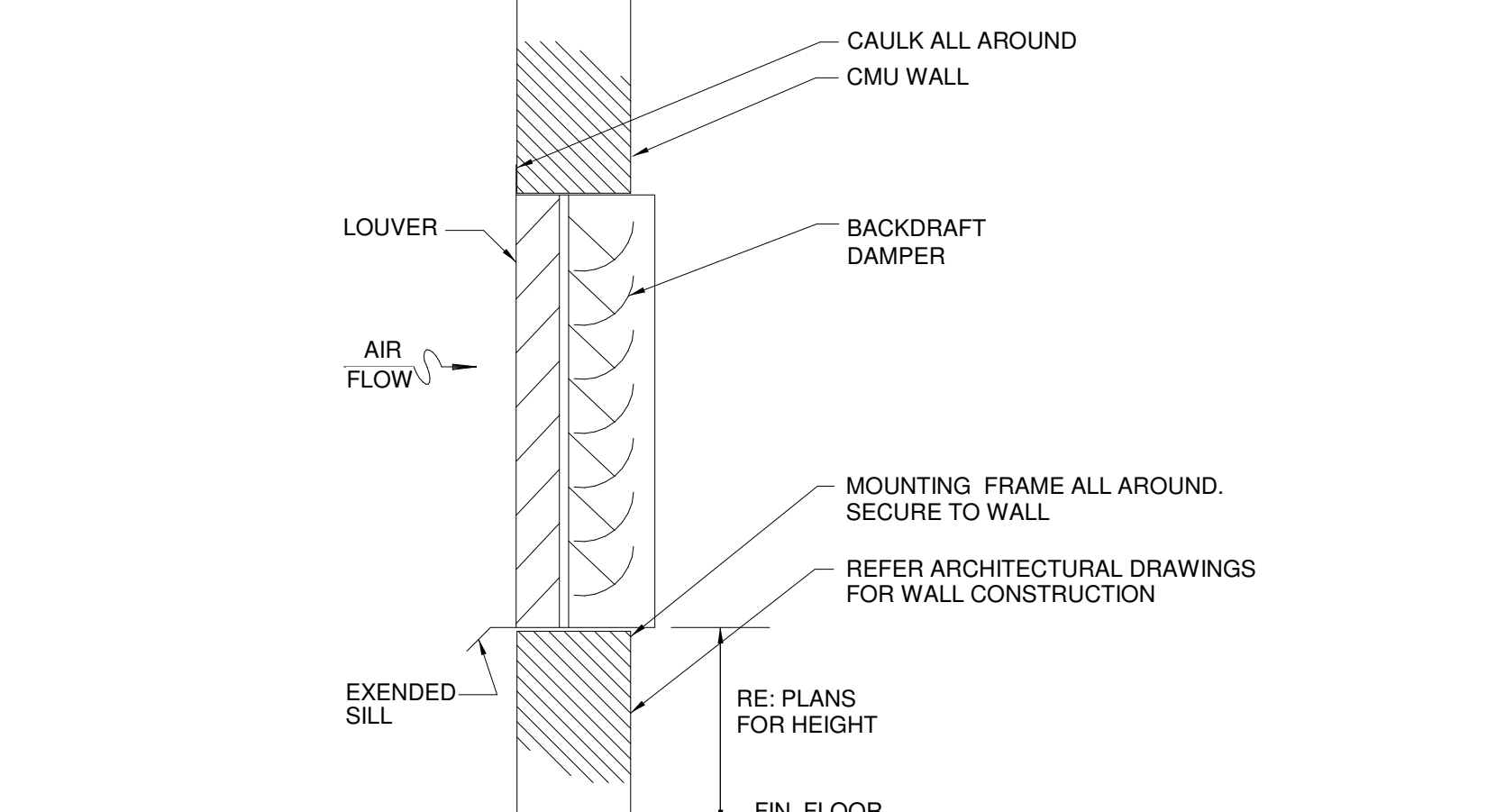
F RETURN AIR PLENUM
NTS



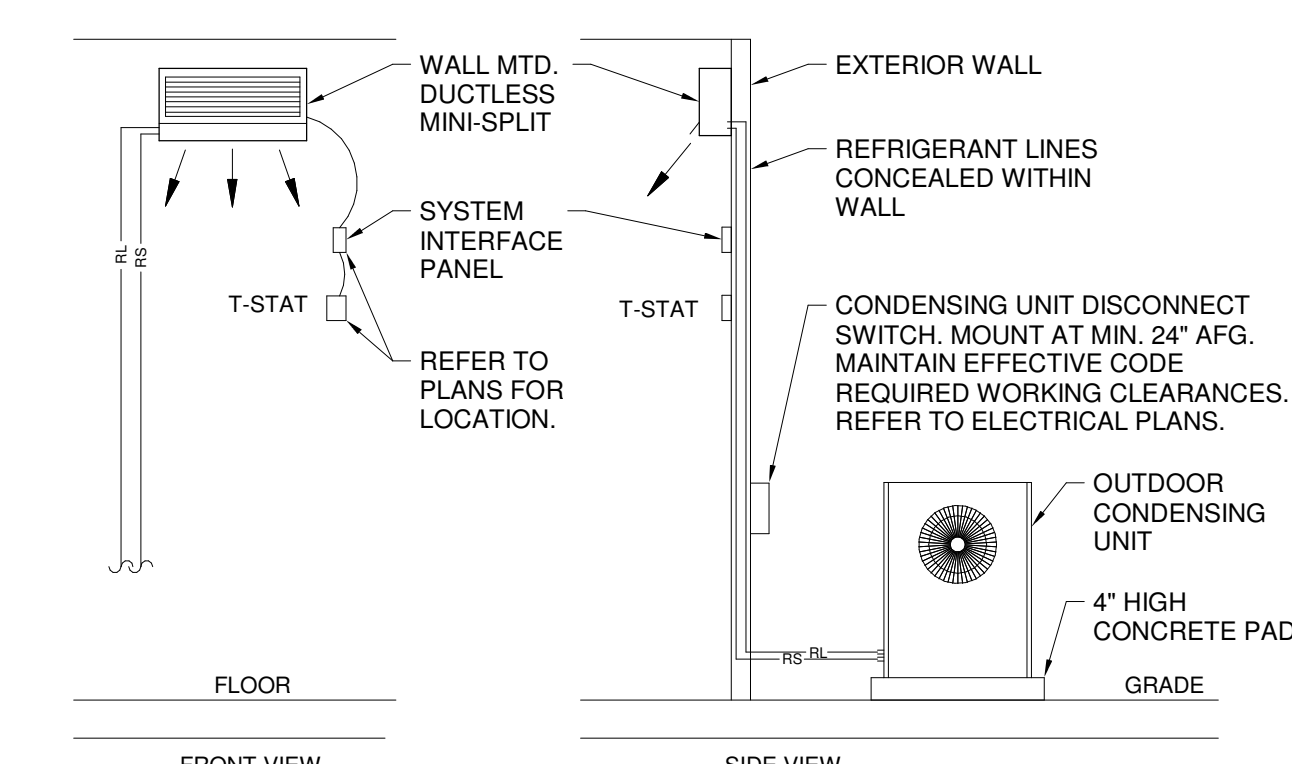
G HORIZONTAL FAN COIL UNIT - ELEC HEAT
NTS



H CONDENSING UNIT (CU)
NTS



J WALL LOUVER
NTS



K WALL MOUNTED DUCTLESS MINI SPLIT
NTS



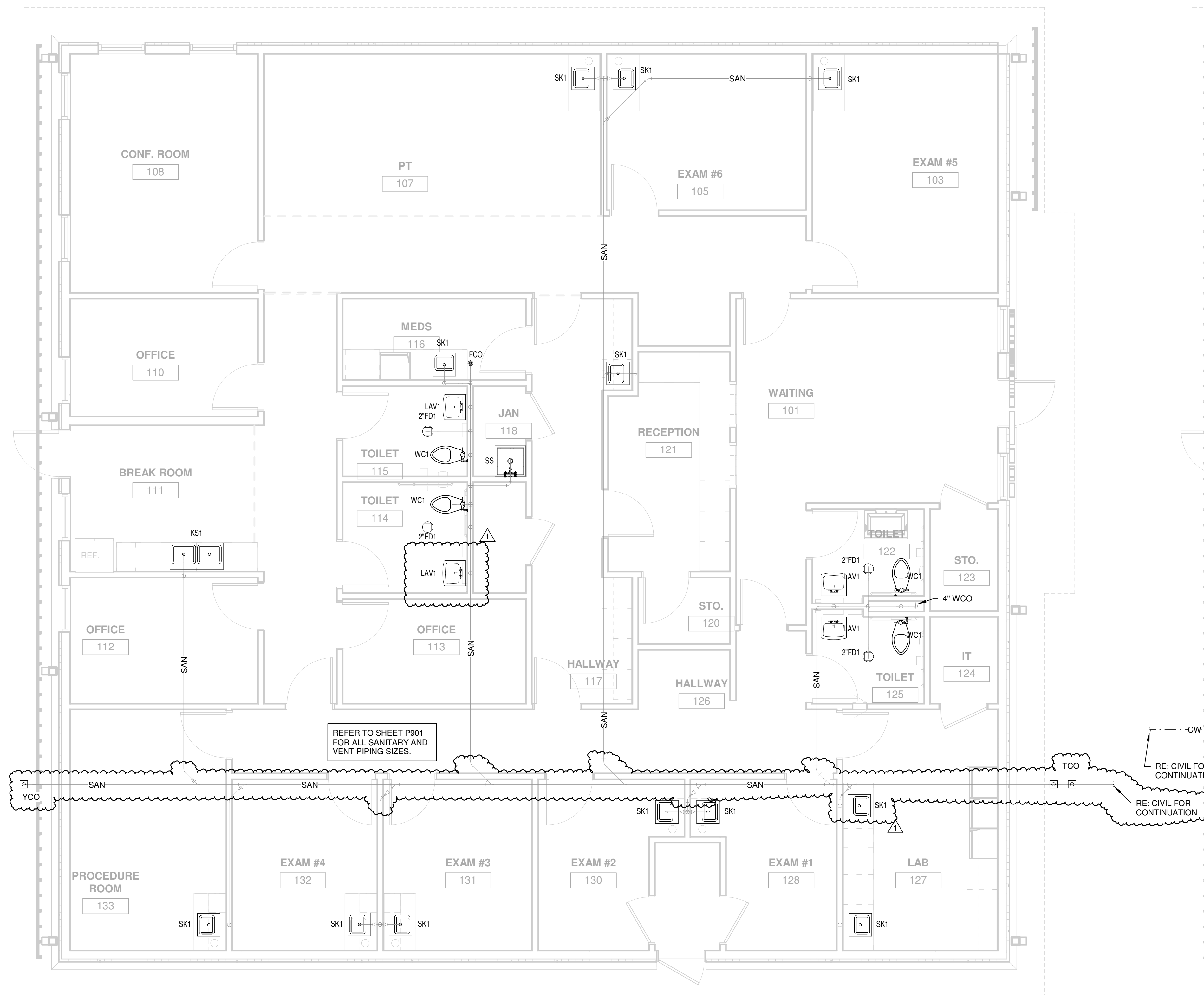
ISSUE DATES:		
CONSTRUCTION DOCUMENTS	Date	
No. 1	AS1 #30	2021.01.06



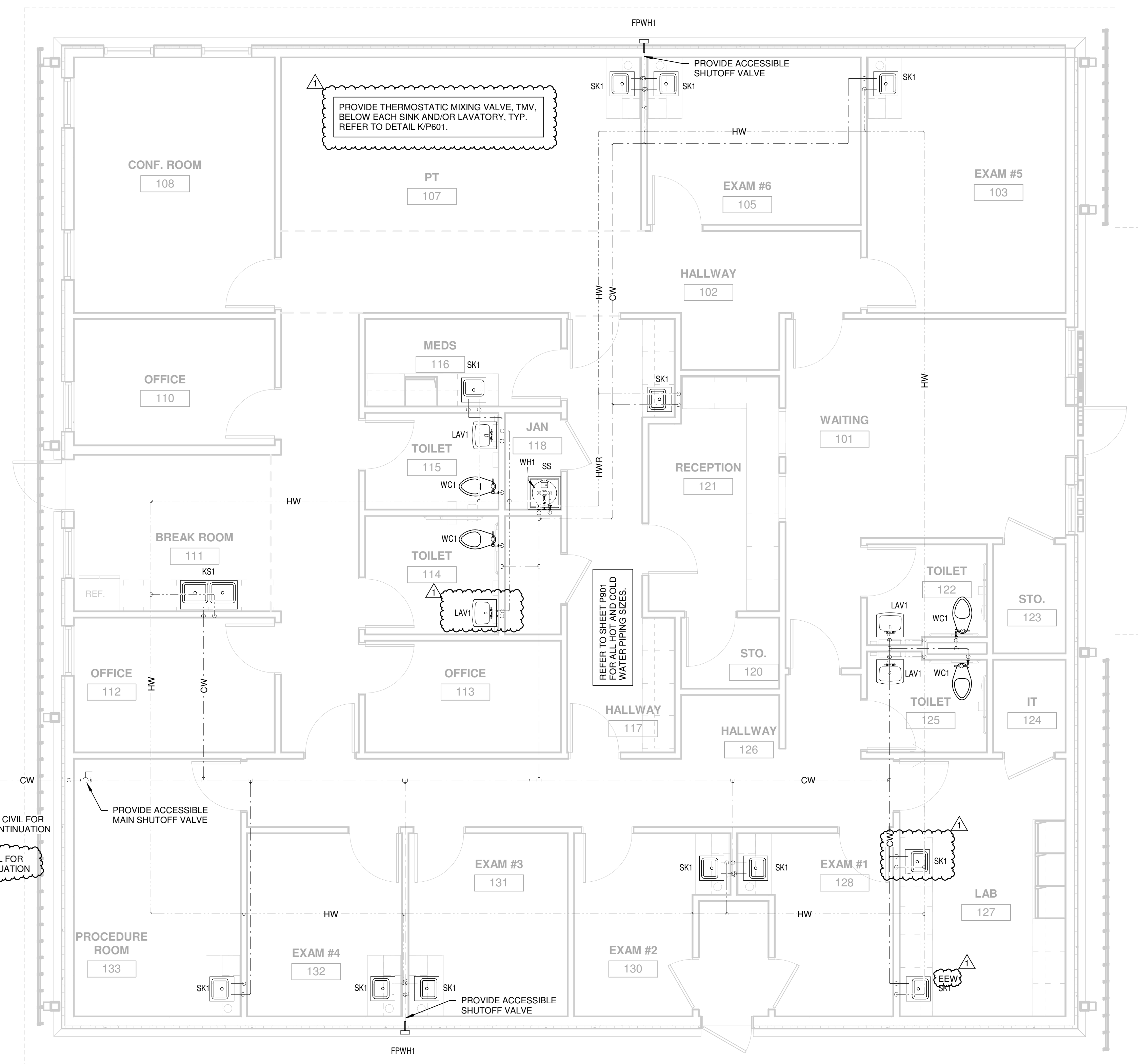
PROJECT #: 20200132

ISSUE DATES:		
No.	Description	Date
1	AS1 #30	2021.01.06

SHEET NUMBER:
P101



A FIRST FLOOR SANITARY PIPING PLAN
1/4" = 1'-0"



B FIRST FLOOR DOMESTIC WATER PLAN
1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE									
MARK	UNIT TYPE	BRANCH SIZES (MIN)			HW	MANUFACTURER & MODEL	FAUCET	DESCRIPTION	
		WASTE	VENT	CW					
WC1	FLOOR MOUNTED WATER CLOSET	3"	2"	1"		KOHLER 96054		FLOOR MOUNTED, FLUSH VALVE, VITREOUS CHINA, ELONGATED BOWL, 15" HIGH, 1/8 GPF, FULLY GLAZED 2 1/8" TRAPWAY, 1 1/2" TOP SPLD, 11 1/2" ROUGH IN, WALL ESCUTCHEON PLATE. PROVIDE A TOILET SEAT WITH OPEN FRONT, LESS COVER, HIGH IMPACT SOLID PLASTIC, COMMERCIAL WEIGHT STAINLESS STEEL HINGE POSTS AND SELF SUSTAINING CHECK HINGES. PROVIDE WITH SLOAN 111 MANUAL FLUSH VALVE.	
LAV1	WALL HUNG LAVATORY	1 1/4"	2"	1/2"	1/2"	KOHLER K-2055	AQUASENSE Z7915-KL-CWB	ENAMELED CAST IRON WALL HUNG LAVATORY, WITH 4" CENTER FAUCET HOLES. OPTIONAL EQUIPMENT: EXPOSED ARM CARRIER, HARDWIRED TOUCHLESS FAUCET.	
KS1	KITCHEN SINK	2"	2"	1/2"	1/2"	JUST MANUFACTURING COMPANY DL2137-A-GR	MOEN 7594E	DOUBLE BOWL, LEDEG BACK DROP IN 18 GAUGE STAINLESS STEEL BOWL, SINGLE HANDLE SOLID BRASS FABRICATED BODY, LEVER HANDLE, TOUCH-CLEAN SPRAYHEAD, PULL DOWN WAND WITH FLOW RATE OF 1.5 GPM MAX.	
SK1	EXAM ROOM SINK	2"	2"	1/2"	1/2"	PROFLO PFS151562A	75001 170	24" WIDE STAINLESS STEEL MOP SINK, 15 1/2" HOLE FAUCET, 1/4" GROUND SPOUT WITH VERTICAL RESISTANT TOILET HOLES.	
SS	MOP SERVICE BASIN	3"	2"	3/4"	3/4"	PROFLO PFM82424	DELTA 2819	MOP SINK, 24" X 24" X 10" DEEP, FLOOR MOUNTED, MOLDED ONE PIECE HOMOGENEOUS PRODUCT, AND INTEGRAL DRAIN WITH S.S. DOMED STRAINER AND LINT BASKET 3" OUTLET.	

- NOTES:
- CONTRACTOR TO COORDINATE FINAL SELECTIONS OF ALL PLUMBING FIXTURES WITH OWNER PRIOR TO ORDERING.
 - ALL DEVICES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER INSTRUCTIONS AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
 - THE DEVICE DESCRIPTION IN THE SCHEDULE TAKES PRECEDENCE OVER MODEL NUMBERS. FIXTURE SUPPLIER SHALL PROVIDE THE REQUIRED ACCESSORIES AND OPTIONS FOR THE INTENDED INSTALLATION AND USE.
 - OTHER MANUFACTURERS OFFERING EQUIVALENT PRODUCTS ARE ACONR, JOSAM, MFAB, WATTS, WADE, J.R. SMITH, SYMMONS, POWERS, LAWLER AND WATTS.
 - FIXTURES, PIPING AND FITTINGS USED TO CONVEY POTABLE WATER SHALL BE LEAD FREE.

ELECTRIC WATER HEATER SCHEDULE								
MARK	MANUFACTURER & MODEL	TANK VOLUME	HTG INPUT (KW)	RECOVERY GPM @ 40° F - 140° F	VOLTAGE	PHASE	FREQUENCY	WEIGHT
WH1	STATE SSE-20A	20.0 gal	15	61	208 V	1	60 Hz	305 lb

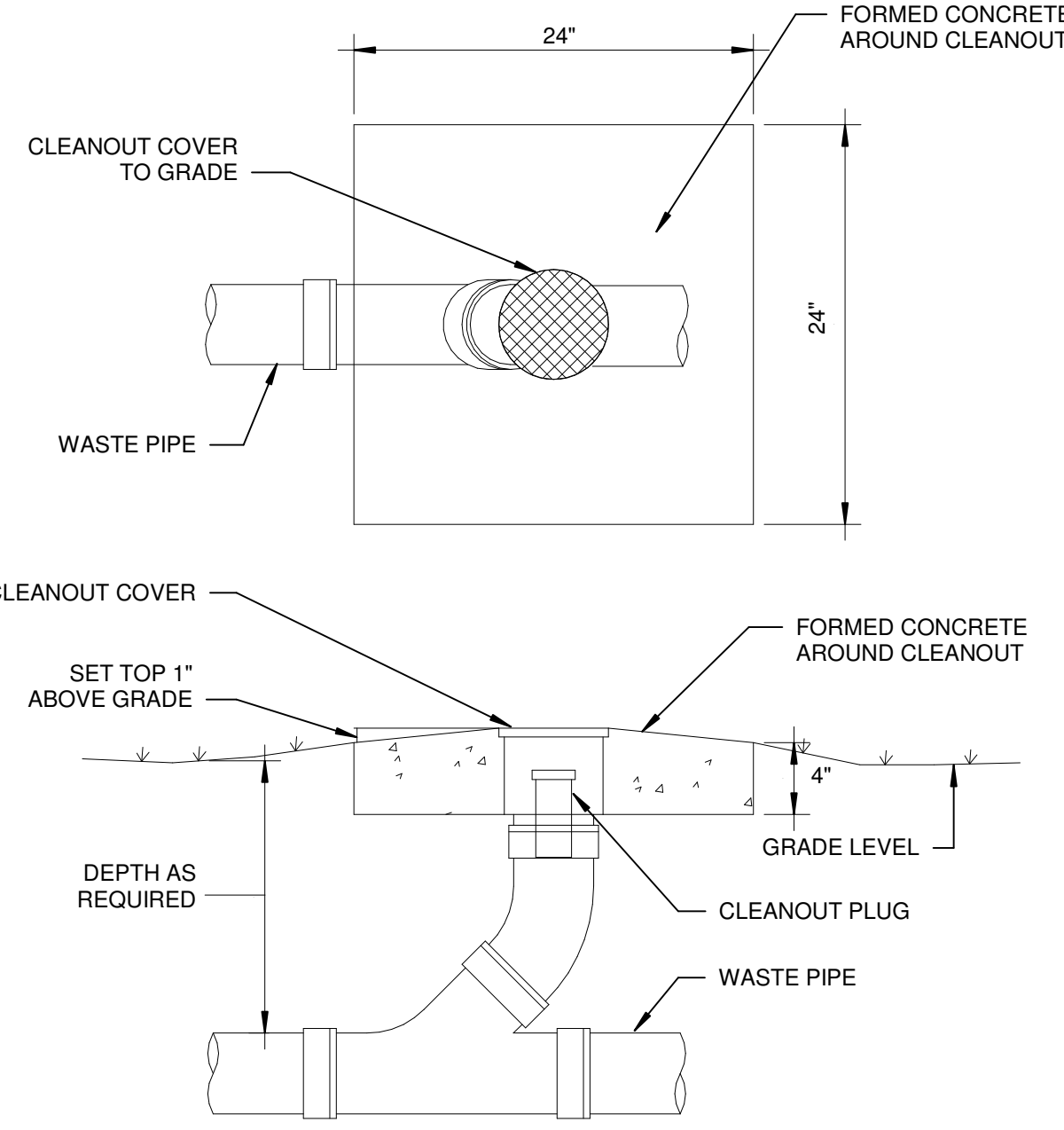
NOTES:

- WATER HEATER 1 WILL PROVIDE 140 DEGREE HOT WATER. HAND SINKS WILL HAVE DEDICATED MIXING VALVES AT EACH FIXTURE TO PROVIDE 110 DEGREE WATER. PROVIDE HOT WATER CIRCULATION LOOP.
- PROVIDE EXPANSION TANKS, SIZED FOR THE HOT WATER SYSTEM VOLUME.
- PROVIDE CONDENSATE TRAP WITH OPTIONAL CONDENSATE NEUTRALIZER KIT LOCATED ON SAME LEVEL AS WATER HEATER.

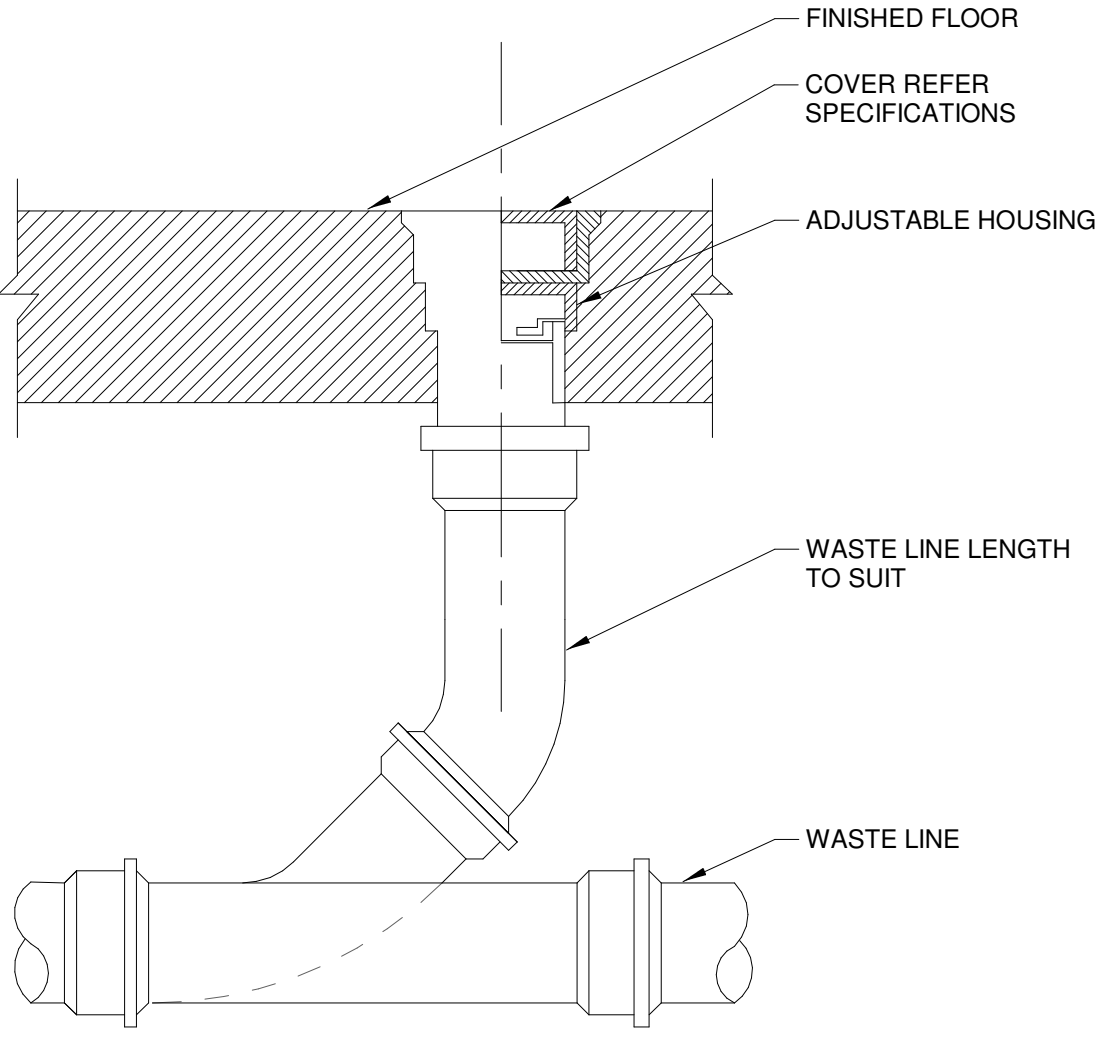
PLUMBING SPECIALTIES SCHEDULE		
MARK	MFR MODEL	DESCRIPTION
FD1	ZURN ZN-415-SS-P	LIGHT DUTY FLOOR DRAIN: 6" SQ. STRAINER, CAST IRON DRAIN W/ FLANGE, REVERSING CLAMPING COLLAR, ADJUSTABLE SQUARE NICKEL BRONZE STRAINER, BOTTOM OUTLET, TRAP PRIMER CONNECTION, 2" TRAP AND OUTLET UNLESS NOTED OTHERWISE. WHERE APPROVED BY LOCAL A.U., CONTRACTOR MAY INSTALL A TRAP GUARD (TG) IN LIEU OF TRAP PRIMER (TP).
FCO	ZURN ZN-1400	ADJUSTABLE FLOOR CLEANOUT: DURA-COATED CAST IRON, GAS AND WATER TIGHT ABS PLUG, ROUND SCORRIATED NICKEL BRONZE TOP, VANDAL RESISTANT SCREWS.
WCO	ZURN Z-1441	WALL CLEANOUT WITH WATER-GAS TIGHT COUNTERSINK IRON THREADED PLUG, ROUND STAINLESS STEEL ACCESS COVER.
YCO	ZURN Z-1474	CLEANOUT HOUSING: DURA-COATED CAST IRON BODY WITH ANCHOR FLANGE, SECURED SCORRIATED COVER WITH LIFTING DEVICE.
TCO	ZURN Z-1474	CLEANOUT HOUSING: DURA-COATED CAST IRON BODY WITH ANCHOR FLANGE, SECURED SCORRIATED COVER WITH LIFTING DEVICE.
FPWH1	ZURN Z1300	FREEZE PROOF WALL HYDRANT: ENCASED, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING.
WA	ZURN Z1700	WATER HAMMER ARRESTOR, BELLOWS TYPE, PRE-CHARGED, SIZED ACCORDING TO PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.I. WH-201.
AAV	STUDOR MINI-VENT	AIR ADMITTANCE VALVE, SCREENING ON THE INSIDE AND OUTSIDE OF VALVE, PROTECTIVE COVER FOR AIR INTAKE AND ADDITIONAL INSULATION AGAINST EXTREME TEMPERATURES.
TG	SURE SEAL DRAIN TRAP SEALER	SURE PRE-ASSEMBLED INLINE FLOOR DRAIN TRAP SEALER, 5 PIECES: COMMERCIAL GRADE ABS PLASTIC HOUSING AND KEEPER PIN, NEOPRENE RUBBER DIAPHRAGM, WITH 2 SOFT RUBBER SEALING GASKETS, FLOOR RATING ASSE - 107 AF-GW.
TP	ZURN Z-1022	SANIGUARD AUTOMATIC TRAP PRIMER. ALL BRONZE BODY WITH INTEGRAL VACUUM BREAKER, NON-LIMITING INTERNAL OPERATING ASSEMBLY WITH GASKETED BRONZE COVER. PROVIDE NECESSARY DISTRIBUTION UNIT UP TO 4 TRAP CONNECTIONS. LOCATE IN AN ACCESSIBLE LOCATION OR IF CONCEALED PROVIDE ACCESS PANEL FOR SERVICE & INSPECTION. PROVIDE AS REQUIRED PER AUTHORITY HAVING JURISDICTION.
TMV	LEONARD 270-LF	MIXING VALVE, THERMOSTATIC TYPE, BRONZE BODY, TEMPERATURE ADJUSTMENT, INTEGRAL CHECK VALVES ON HOT AND COLD INLETS RATED 3.5 GPM AT 5 PSI AVAILABLE PRESSURE DROP.
TECV	BEECO M-CONTROL-LL	WATER HEATER SHUTOFF THERMAL EXPANSION CONTROL VALVE: QUARTER TURN VALVE, BRASS BODY, CHROME PLATED BALL, LOW LEAD, ASSE APPROVED AND IMPKO LISTED, ENGINEERED TO WITHSTAND INCOMING WATER PRESSURE OF UP TO 600 PSI, AND WITHSTAND TEMPERATURES UP TO 180°F. PIPE TO DRAIN.
ET	WATTS PLT-20	POTABLE WATER EXPANSION TANK, FLEXIBLE BUTYL DIAPHRAGM, PRE-CHARGED. INSTALL IN THE COLD WATER SERVICE LINE TO WATER HEATER.
CP	BELL & GOSSETT PL-55	CAST IRON HIGH CAPACITY INLINE CIRCULATOR PUMP WITH 1-1/2" FLANGED CONNECTIONS. PROVIDE PUMP W/ TIMER AND AQUASTAT. PUMP SHALL CYCLE ON AND OFF WITH AQUASTAT THERMOSTATIC CONTROL.
RPZ	ZURN WILKINS 375A-2071	REDUCED PRESSURE ZONE ASSEMBLY: PROVIDE WITH CAP AND TETHER TEST COCKS, QUARTER-TURN BALL VALVES, BRONZE STRAINER AND DRAIN LINE AIR-GAP FITTING, ROUTE FULL LINE SIZE TO DRAIN. REFER TO CIVIL FOR LOCATION.
EDW	BRADLEY S19-280W	WALL MOUNTED SWING DOWN EYE WASH. INSTALL PER MANUFACTURERS INSTALLATION INSTRUCTIONS. PROVIDE WALL MOUNTED BRACKET. PROVIDE WITH OPTIONAL NAVIGATOR S19-2000 EPX8 EMERGENCY THERMOSTATIC MIXING VALVE PER ANSI Z358.1 TEMP WATER REQUIREMENTS.

GENERAL NOTES:

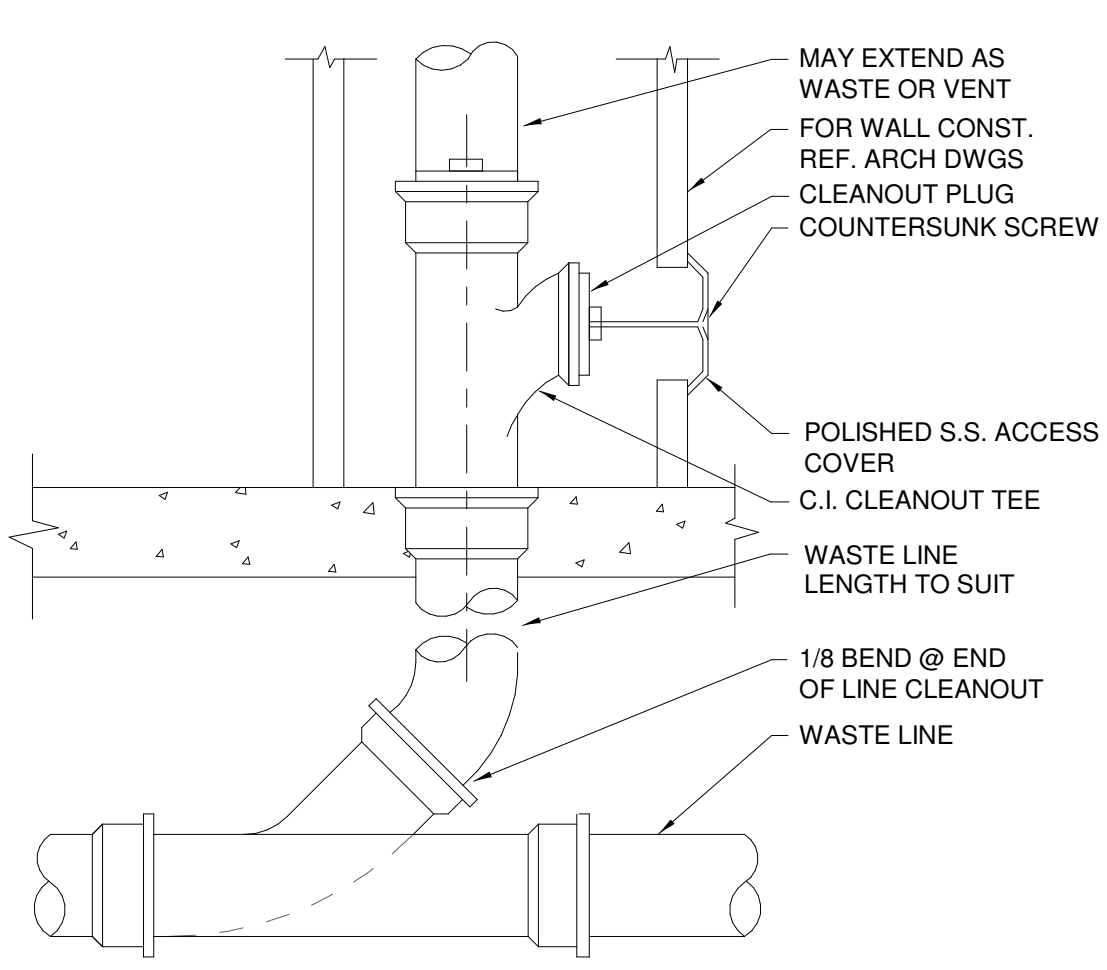
- ALL DEVICES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER INSTRUCTIONS AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- THE DEVICE DESCRIPTION IN THE SCHEDULE TAKES PRECEDENCE OVER MODEL NUMBERS. FIXTURE SUPPLIER SHALL PROVIDE THE REQUIRED ACCESSORIES AND OPTIONS FOR THE INTENDED INSTALLATION AND USE.
- OTHER MANUFACTURERS OFFERING EQUIVALENT PRODUCTS ARE ACONR, JOSAM, MFAB, WADE, J.R. SMITH, SYMMONS, POWERS, LAWLER AND WATTS.
- ALL FIXTURES AND FITTINGS USED TO CONVEY POTABLE WATER SHALL BE LEAD FREE.
- NOT ALL DEVICES MAY BE USED ON THIS PROJECT.



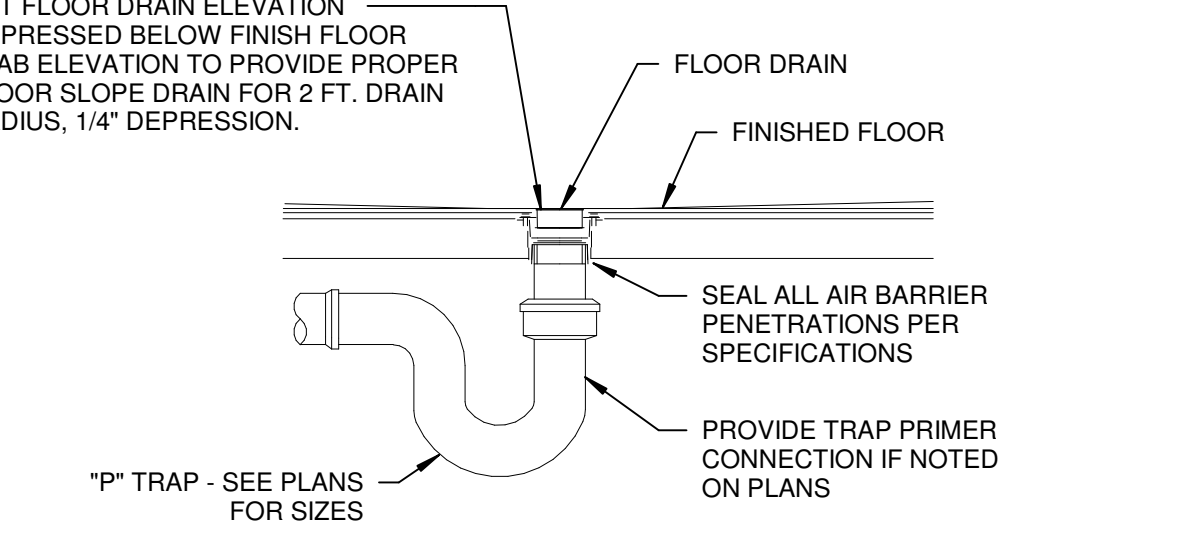
A CLEANOUT TO GRADE DETAIL
NTS



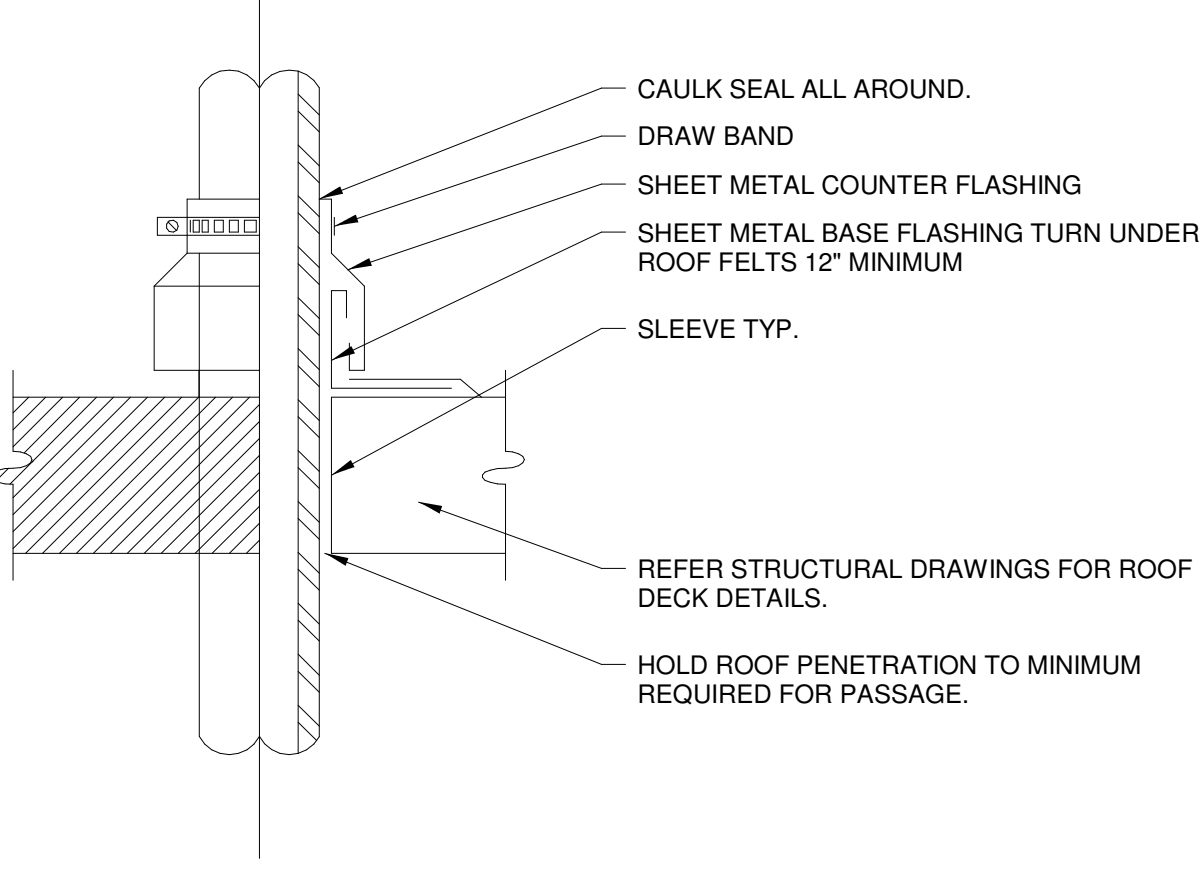
B FLOOR CLEAN-OUT (FCO) DETAIL
NTS



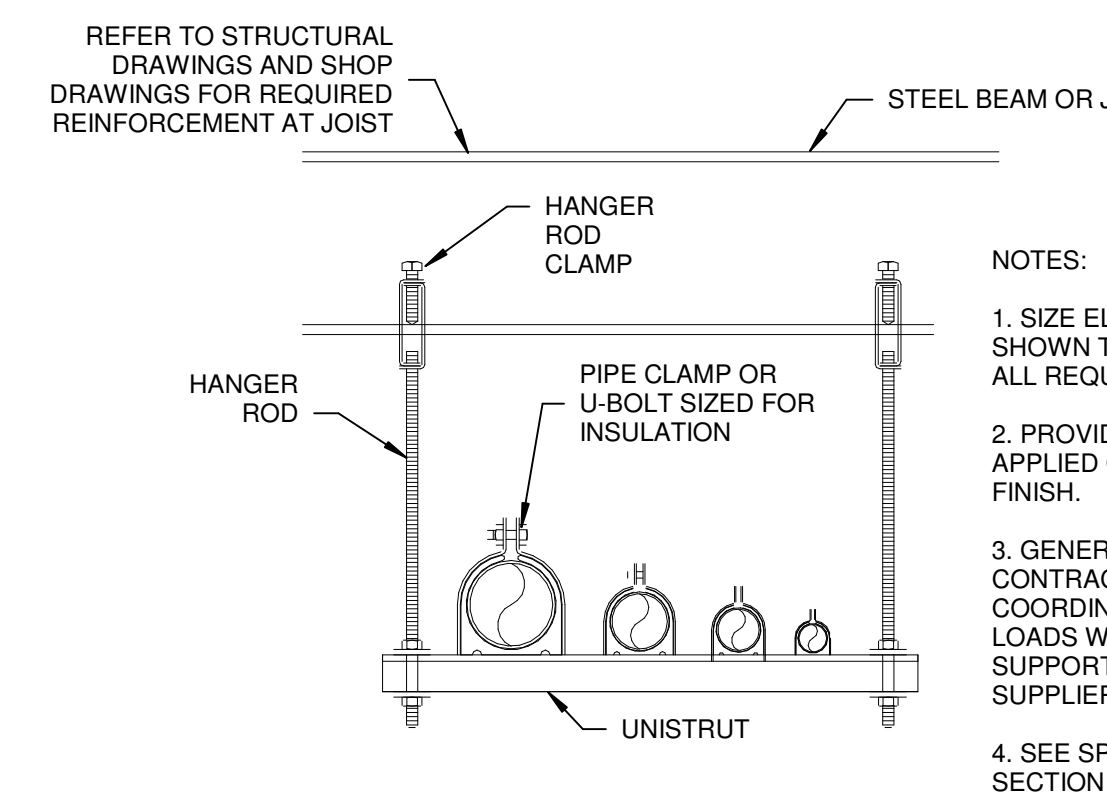
C WALL CLEAN-OUT (WCO) DETAIL
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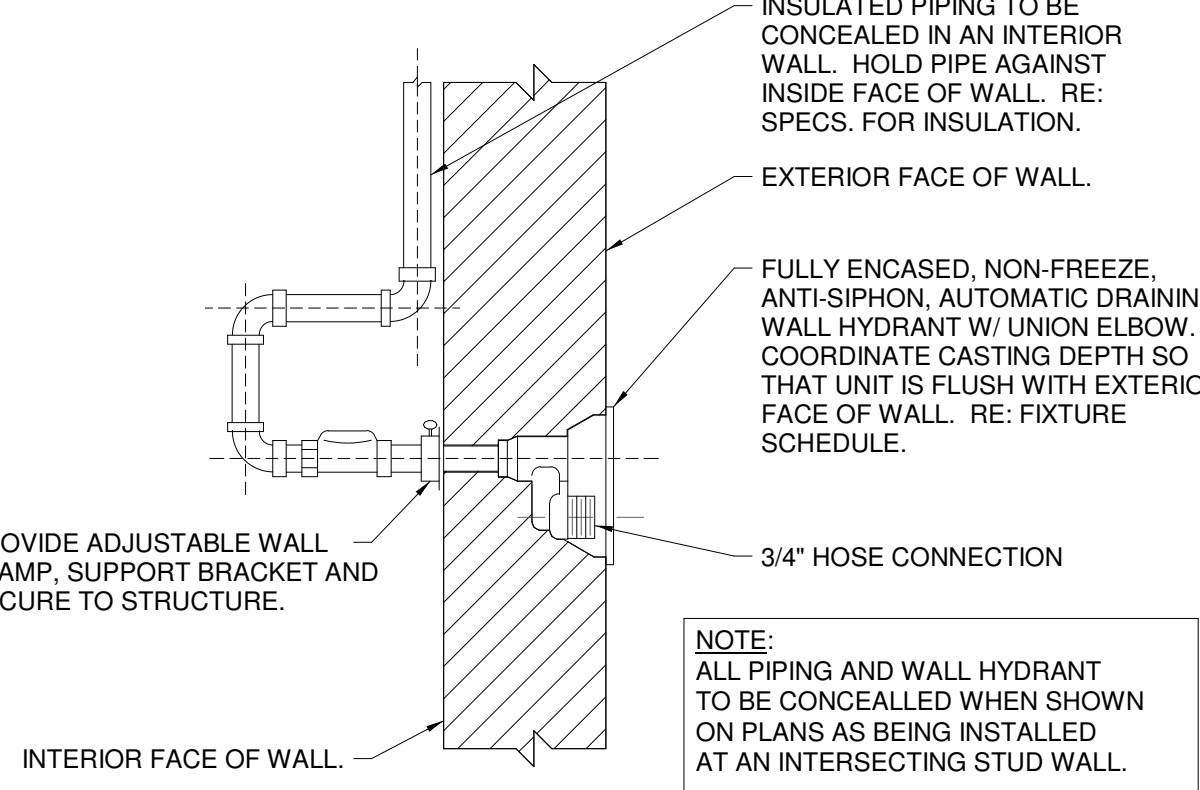
D FLOOR DRAIN DETAIL
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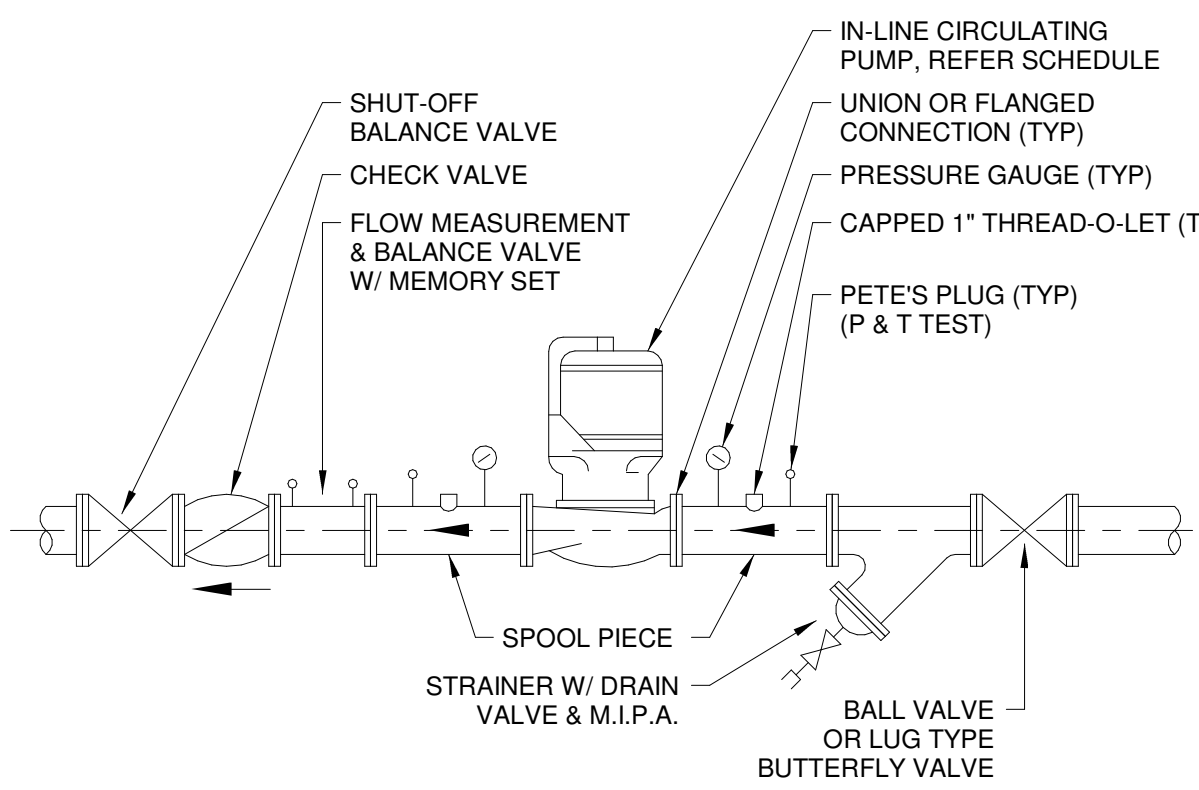
E PIPING ROOF PENETRATION DETAIL
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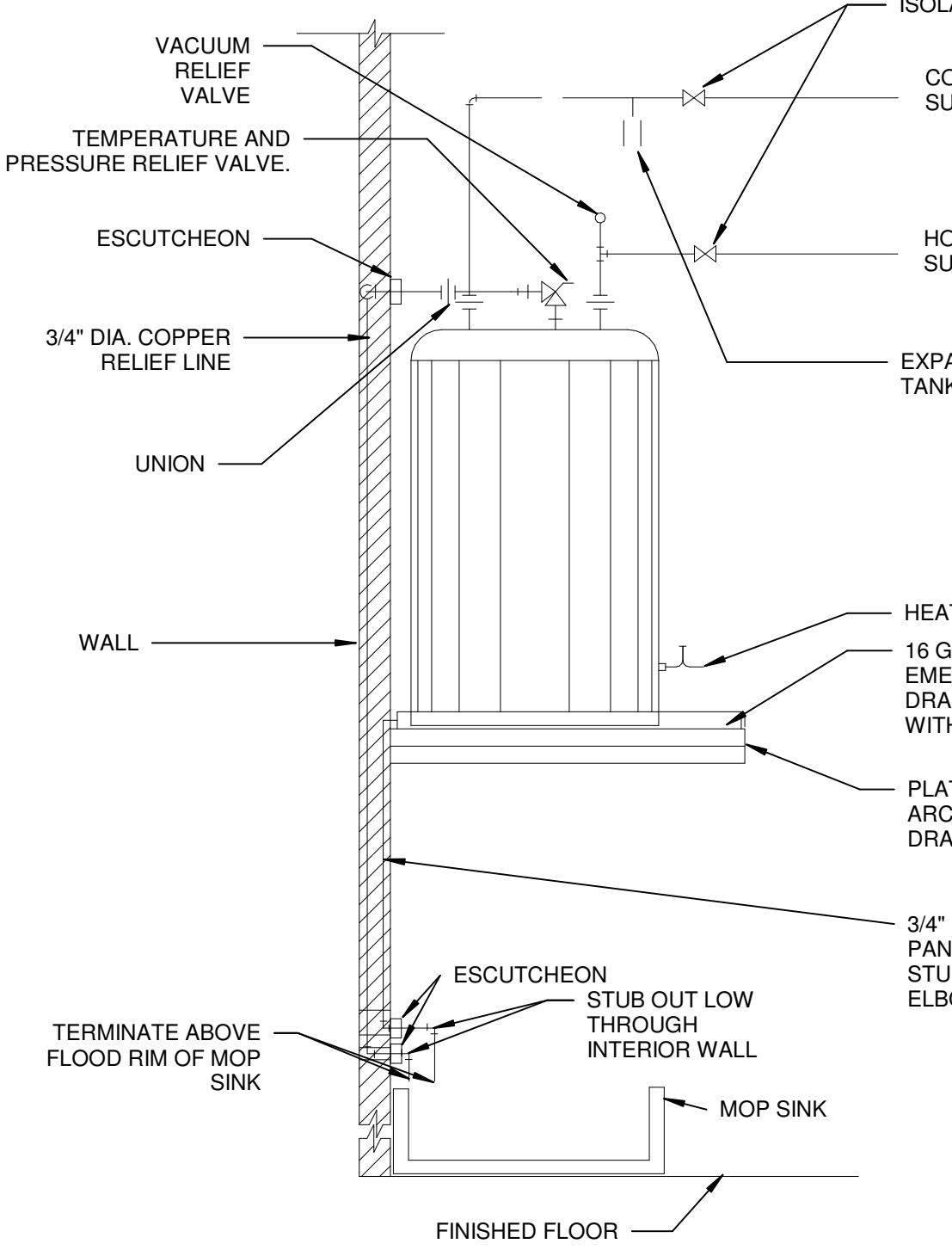
F PIPING HANGERS AND SUPPORTS DETAIL
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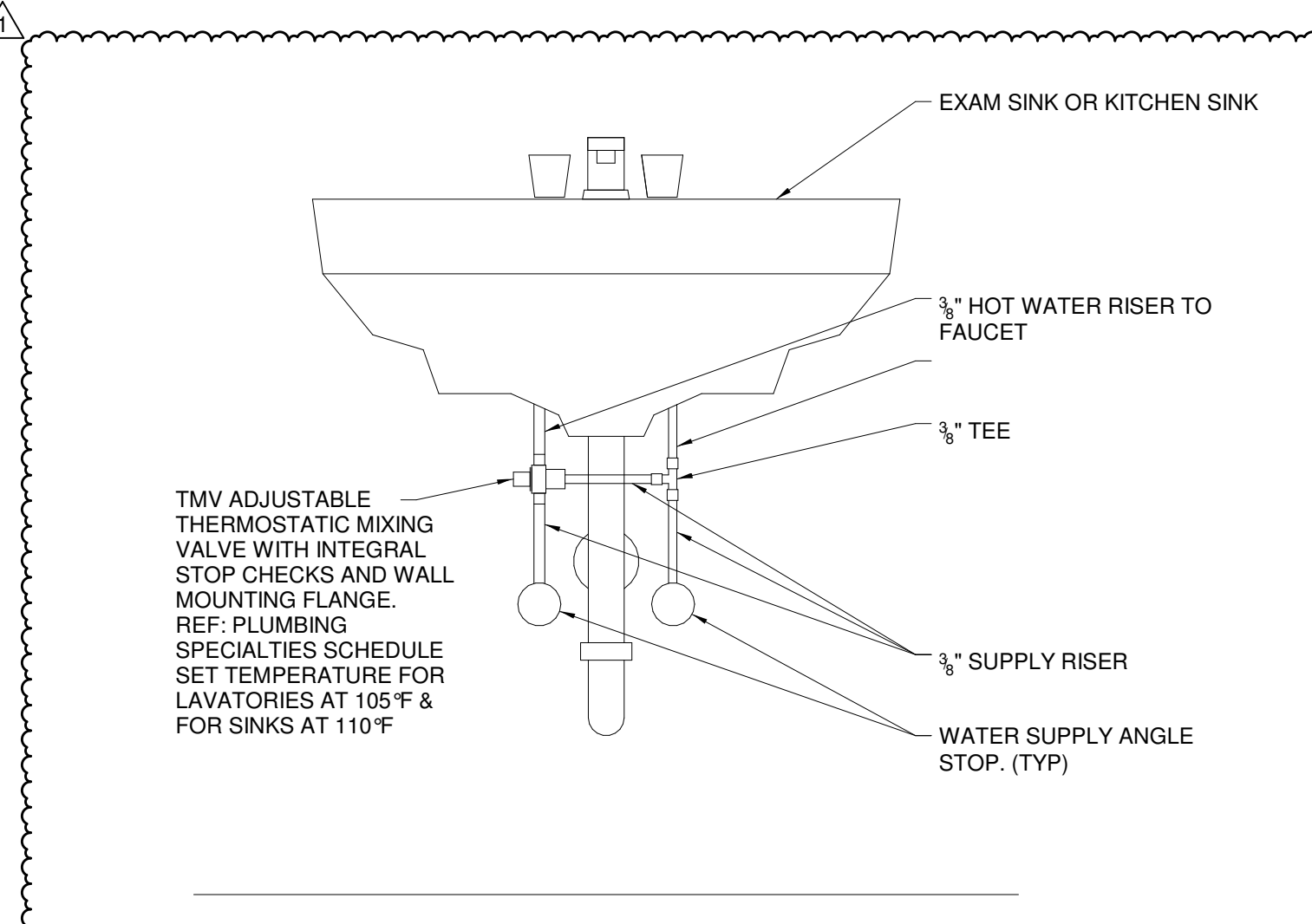
G FREEZE PROOF WALL HYDRANT (FPWH) DETAIL
NTS



H INLINE CIRCULATION PUMP DETAIL
NTS



J ELECTRIC WATER HEATER ON PLATFORM ABOVE MOP SINK DETAIL
NTS



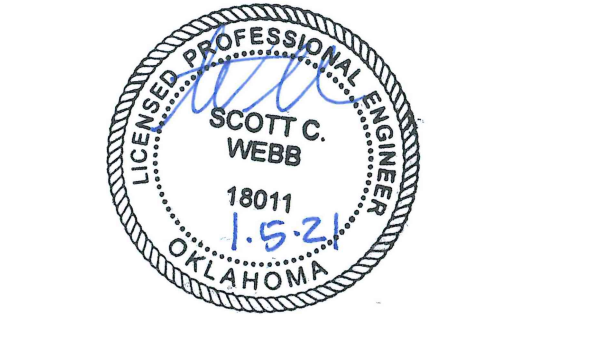
K UNDER-SINK MIXING VALVE (TMV) DETAIL
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CHEROKEE NATION - COVID PROJECTS
HARD ROCK HEALTH CLINIC
CATOOSA, OK
PLUMBING SCHEDULES & DETAILS



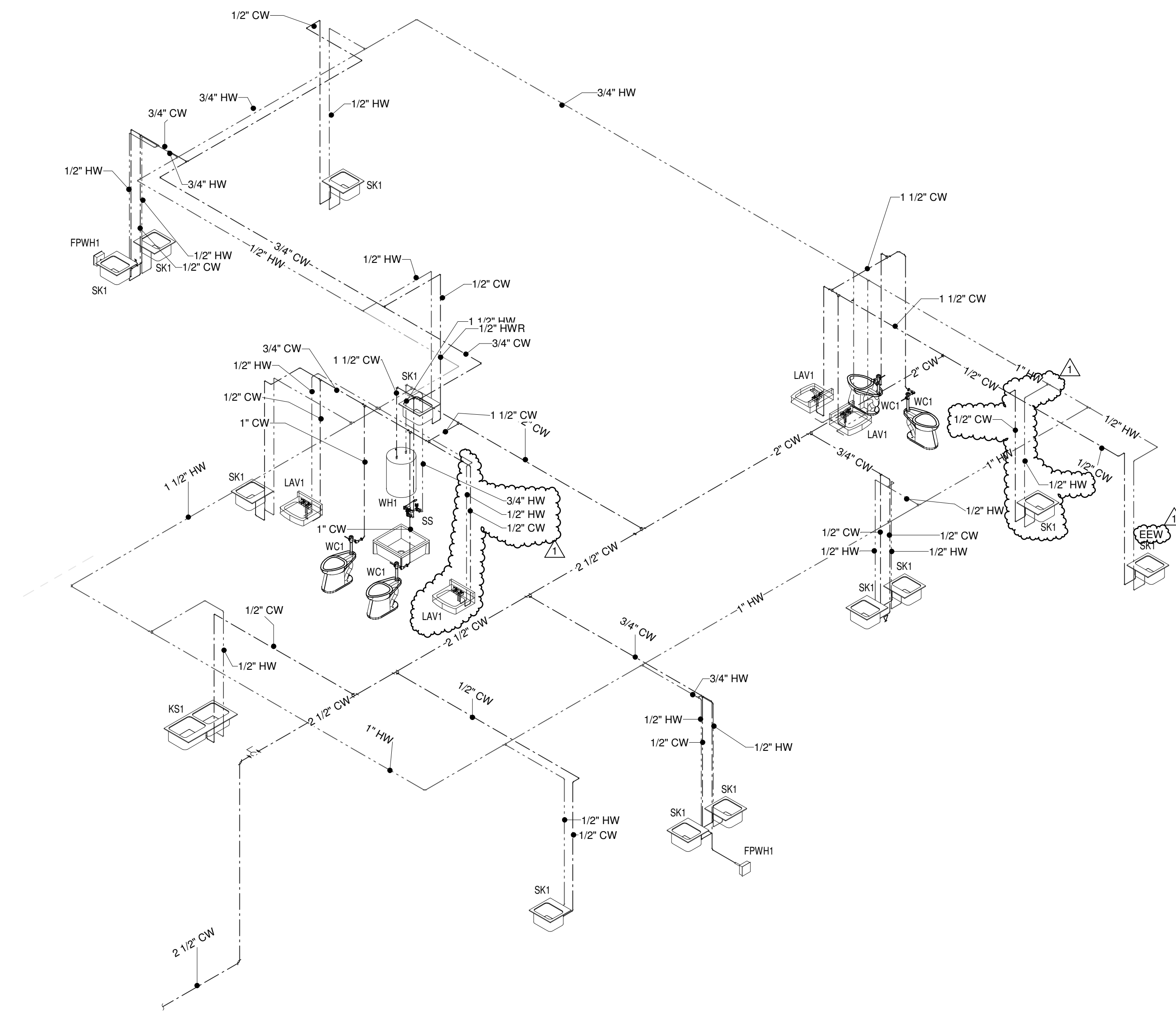
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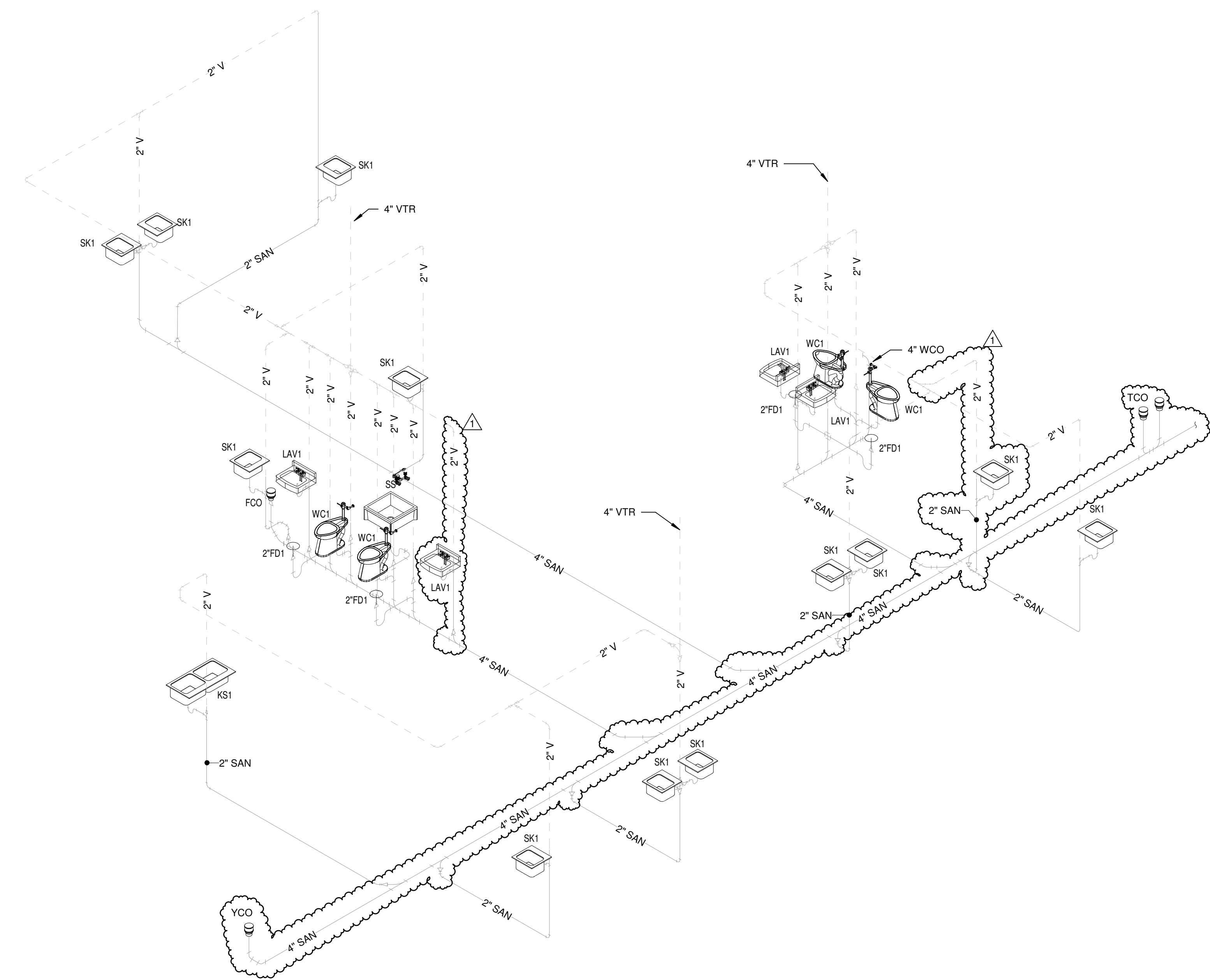
PROJECT #: 20200132

Issue No.	Description	Date
1	AS1 #30	2021.01.06

SHEET NUMBER:
P601



A PLUMBING DOMESTIC WATER RISER



B PLUMBING SANITARY RISER

CHEROKEE NATION - COVID PROJECTS
HARD ROCK HEALTH CLINIC
CATOOSA, OK
PLUMBING ISOMETRICS

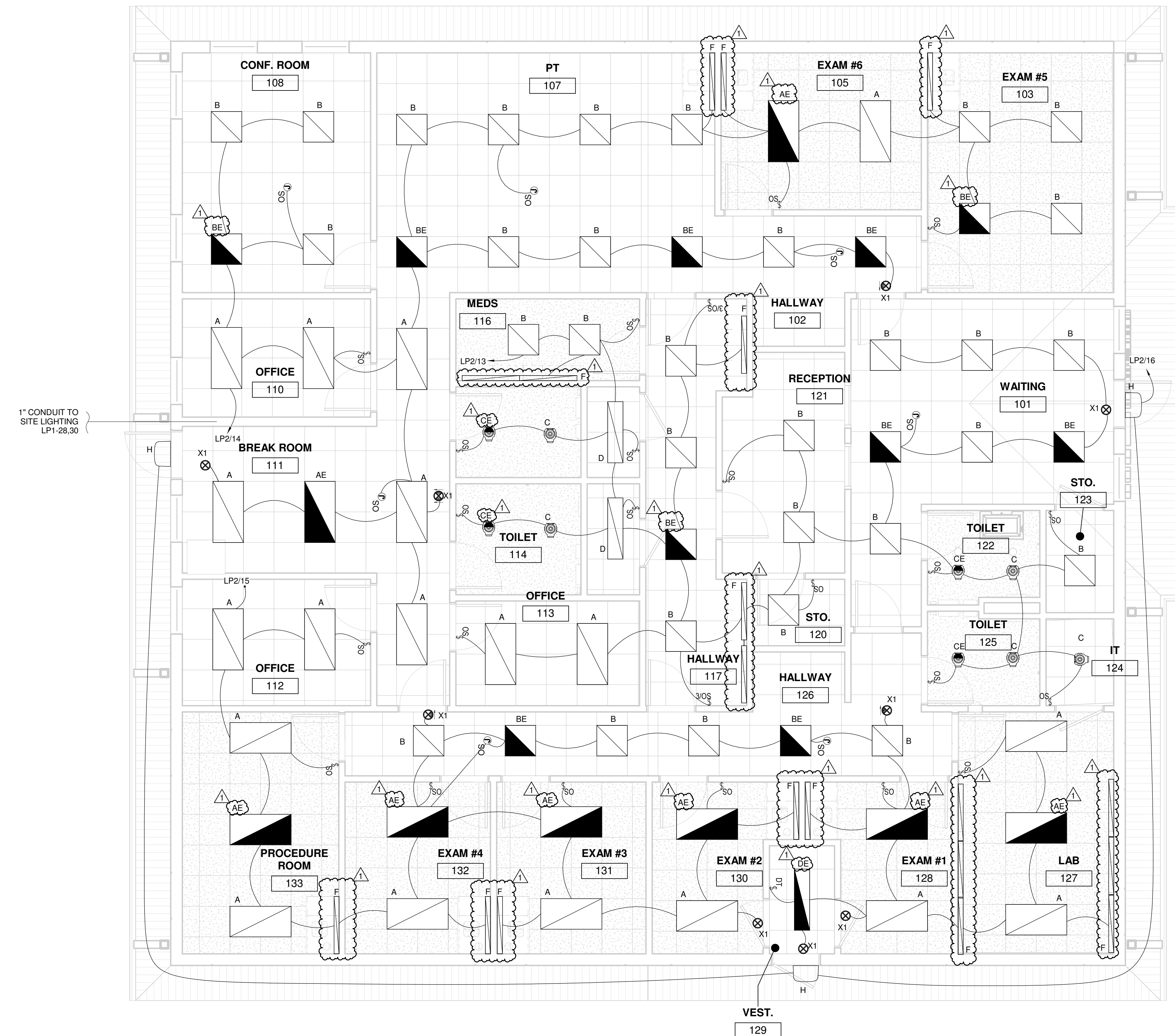


PROJECT #: 20200132

ISSUE DATES:		
CONSTRUCTION DOCUMENTS		
No.	Description	Date
1	ASI #30	2021.01.06

SHEET NUMBER:
P901

LIGHTING FIXTURE SCHEDULE				
Type	VOLTAGE	Wattage	Lamp	Description
A	120	32 W	LED	2'x4' LED LIGHT FIXTURE 4000K 2000LM
AE	120	32 W	LED	2'x4' RECESSED LED FIXTURE 2000LM 4000K W/BATTERY BACK-UP
B	120	20 W	LED	2'x2' LED LIGHT FIXTURE 4000K 2000 LUMEN
BE	120	20 W	LED	2'x2' RECESSED LED FIXTURE 2000LM 4000K W/BATTERY BACK-UP
C	120	23 W	LED	6IN LDN 4000K 2500LM CLEAR SEMI-SPECULAR REFLECTOR CRI80
CE	120	23 W	LED	6IN LDN 4000K 2500LM CLEAR SEMI-SPECULAR REFLECTOR CRI80 W/BATTERY BACK-UP
D	120	38 W	LED	1'x4' STRIP
DE	120	38 W	LED	1' x 4' STRIP W/BATTERY BACK-UP
F		62 W	LED	UNDERCABINET LED STRIP. PROVIDE ALL ACCESSORIES FOR A COMPLETE AND FUNCTIONAL INSTALLATION
H	120	37 W	LED	HIGH EFFICIENCY LED WALL MOUNTED LIGHT FIXTURE
X1	120		LED	EXIT SIGN (UNIVERSAL)



CHEROKEE NATION - COVID PROJECTS
HARD ROCK HEALTH CLINIC
CATOOSA, OK
LIGHTING PLAN



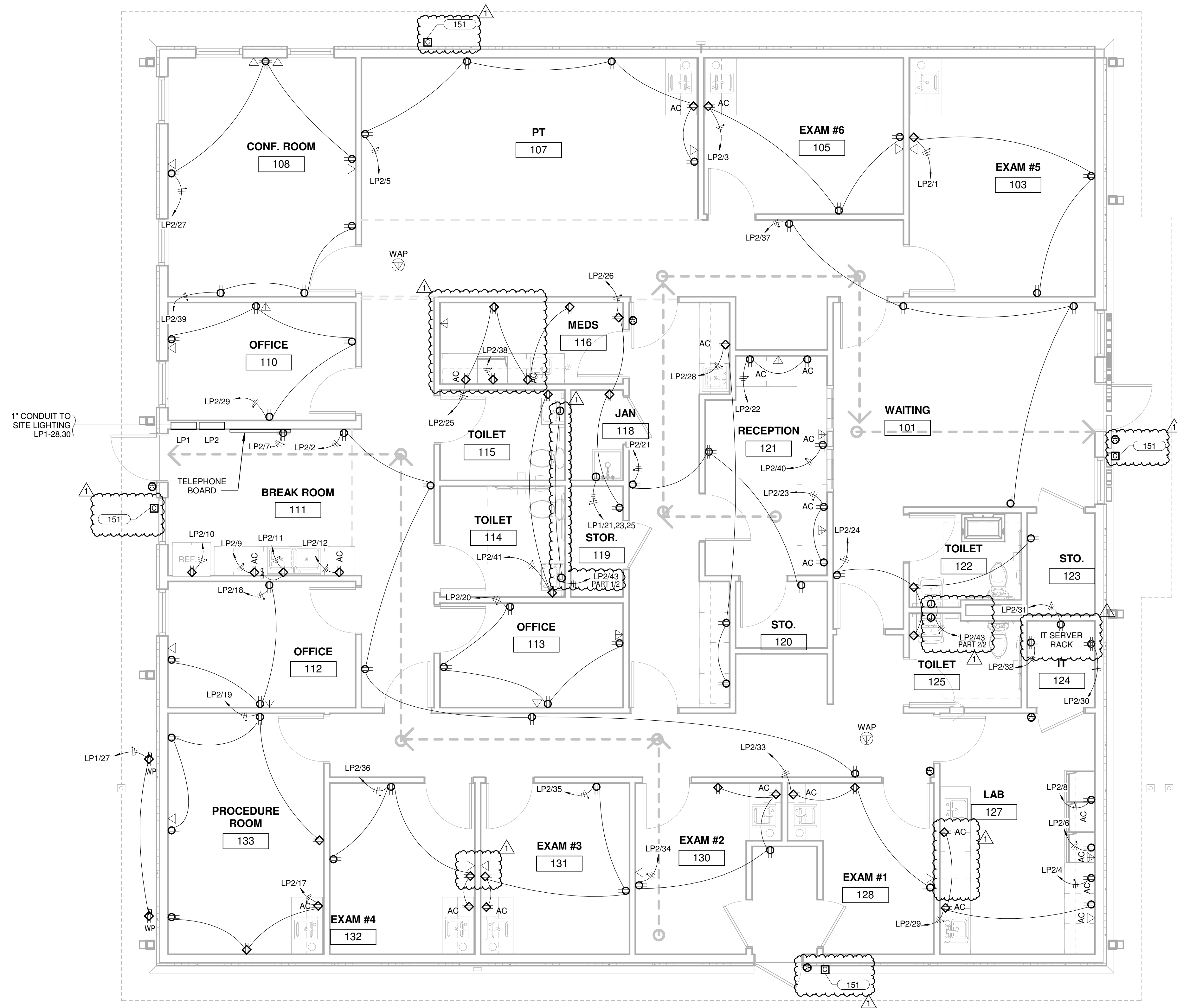
PROJECT #: 20200132

ISSUE DATES:

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	12/14/2020
1	ASI #30	2021.01.06

POWER KEYNOTES

151 PROVIDE SINGLE GANG DATA BOX WITH 1" CONDUIT TO IT SERVER ROOM WITH PULL STRING FOR SECURITY CAMERA CONNECTION BY I/C CONTRACTOR. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH OWNERS IT PRIOR TO ROUGH IN.



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

CHEROKEE NATION - COVID PROJECTS
HARD ROCK HEALTH CLINIC
CATOOSA, OK
POWER PLAN

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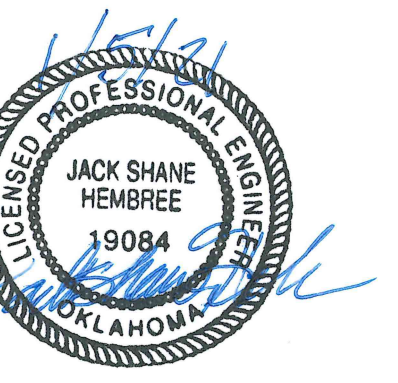


PROJECT #: 20200132

ISSUE DATES:
CONSTRUCTION DOCUMENTS

No.	Description	Date
1	ASI #30	2021.01.06

SHEET NUMBER:
E201

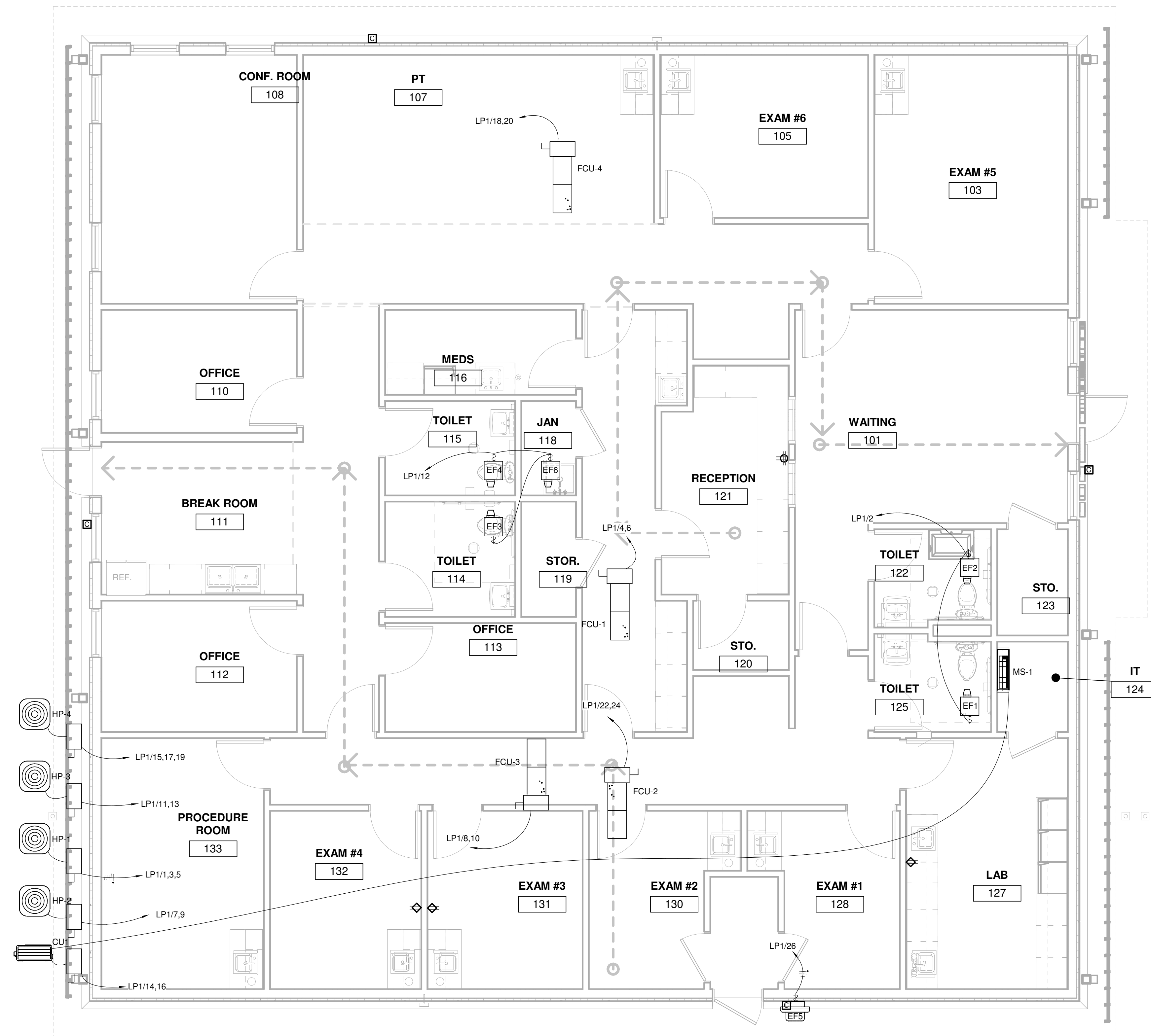


PROJECT #: 20200132

ISSUE DATES:
CONSTRUCTION 12/14/2020
DOCUMENTS

No.	Description	Date
1	ASI #30	2021.01.06

SHEET NUMBER:
E301



1 HVAC POWER PLAN
1/4" = 1'-0"