

# WILLIS V. CARRIER RECREATION CENTER - PHASE 3

## December 16, 2024

PROJECT NO. - TOD-PH3

BID SET - 12-16-2024



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H1	LEGEND, GENERAL NOTES AND SCHEDULES
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LEAD ARCHITECT:



**APPEL OSBORNE LANDSCAPE  
ARCHITECTURE**

5788 WIDEWATER PARKWAY, 1st FLOOR  
DEWITT, NEW YORK 13214  
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ARCHITECTURAL CONSULTANT



ENGINEERING CONSULTANT



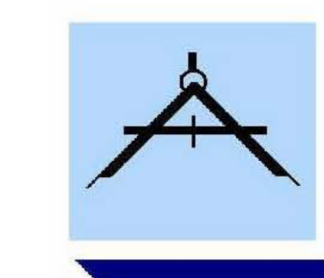
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247 WEST FAYETTE ST.  
SYRACUSE, NY 13202

STRUCTURAL CONSULTANT



**PALUCCI ENGINEERING P.C.**

225 GREENFIELD PARKWAY, SUITE 112  
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**STAGING NOTES - PLAN**

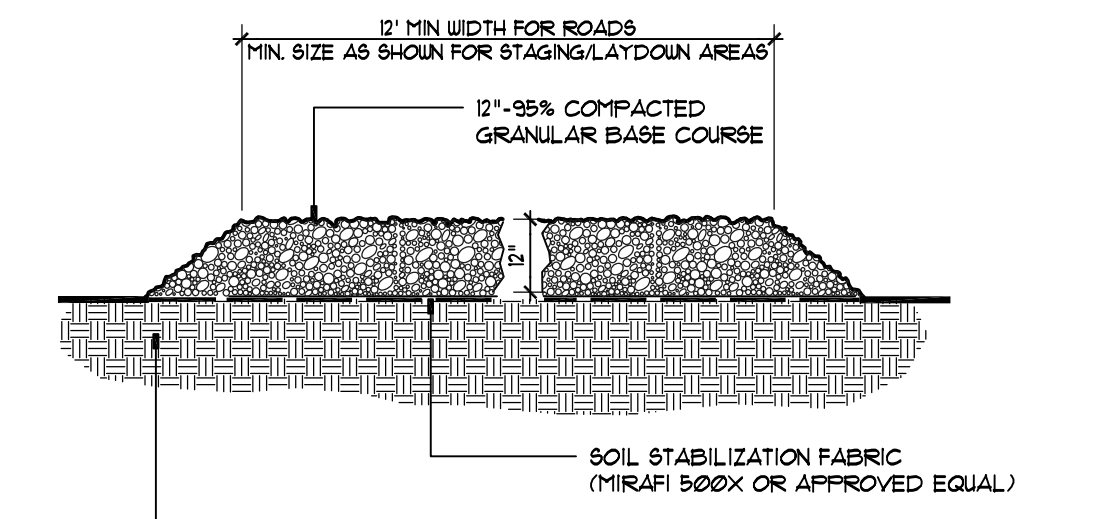
- A** TEMPORARY SEDIMENT BASIN AND SOUTH SIDE CUT OFF SWALE AND DRAINAGE TO BE COMPLETED EARLY IN THE CONSTRUCTION PROCESS TO PROVIDE STORMWATER AND SEDIMENT RUNOFF PROTECTION IN COMPLIANCE OF NYS D.E.C. STANDARDS. STABILIZE DISTURBED AREAS IMMEDIATELY. BOTH PONDS WILL NEED TO BE INSPECTED FOR ACCUMULATED SILT DURING CONSTRUCTION AND WILL NEED TO BE CLEANED OUT BY THE CONTRACTOR AT THE END OF PROJECT SITE DISTURBANCE AND/OR AS SEDIMENT ACCUMULATES THROUGHOUT THE PROJECT AS DIRECTED BY THE ARCHITECT.
- B** SITE CONTRACTOR TO INSTALL ALL PARKING AND LAYDOWN AREAS, LAYDOWN AREAS AND CONTRACTOR PARKING TO BE UTILIZED BY ALL CONTRACTORS FOR CONSTRUCTION. SITE CONTRACTOR TO MAINTAIN AND COORDINATE AND INSTALL REMOVAL WITH ALL TRADES.
- C** SITE CONTRACTOR RESPONSIBLE FOR INSTALLING AND REMOVING A 12" WIDE, 12" DEPTH TEMPORARY GRAVEL DRIVEWAY WITH STABILIZATION FABRIC INTO SITE FROM CONSTRUCTION ACCESS POINT TO CONSTRUCTION AREAS. THIS SHALL BE MAINTAINED OF SNOW RUTTING AND PUMPING. PROVIDE GATE WITH LOCKS AND KEYS AT CONSTRUCTION ENTRANCES.

**STAGING NOTES - GENERAL**

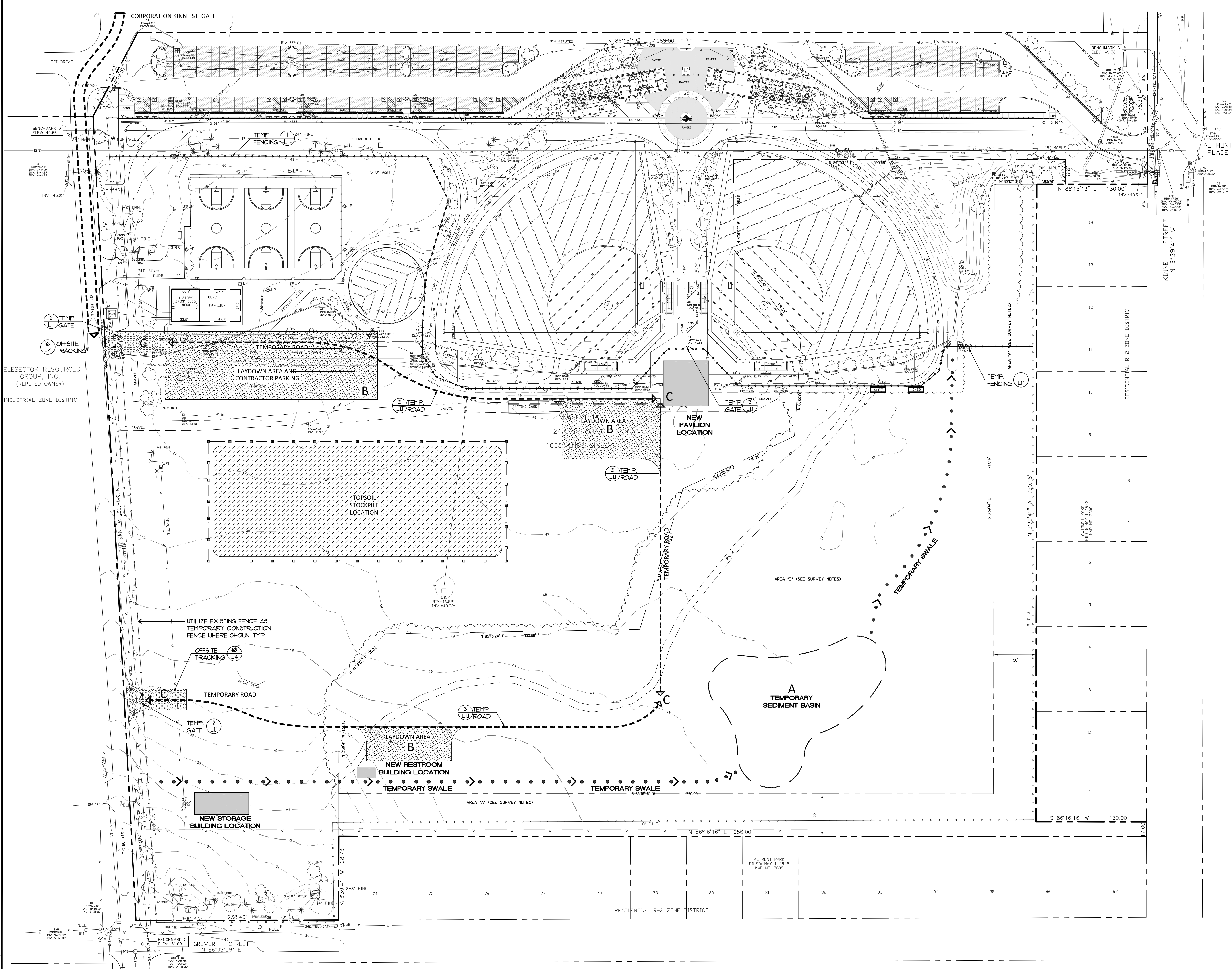
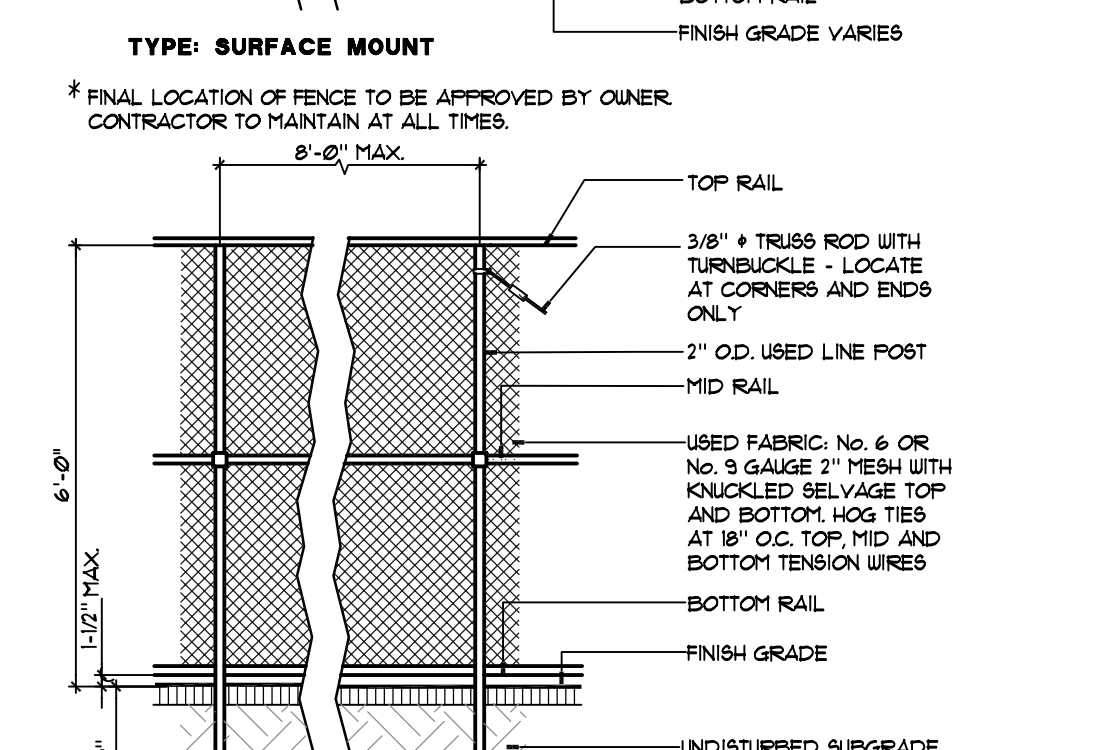
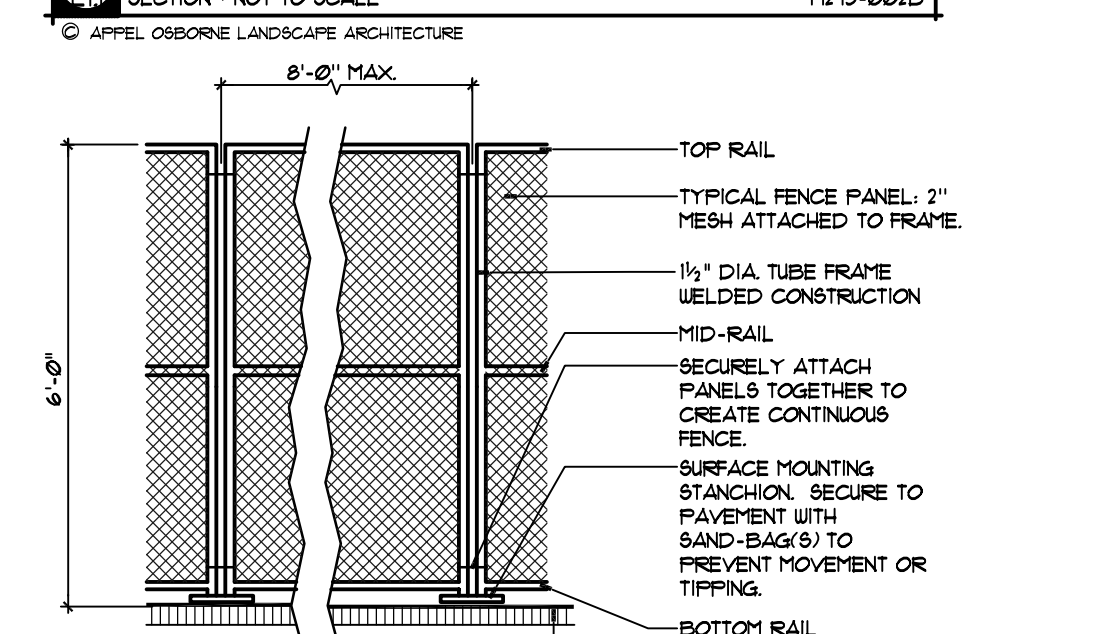
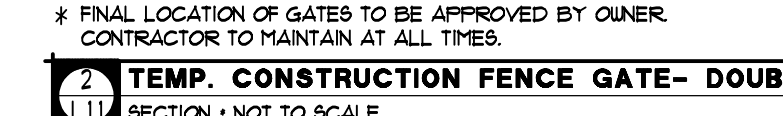
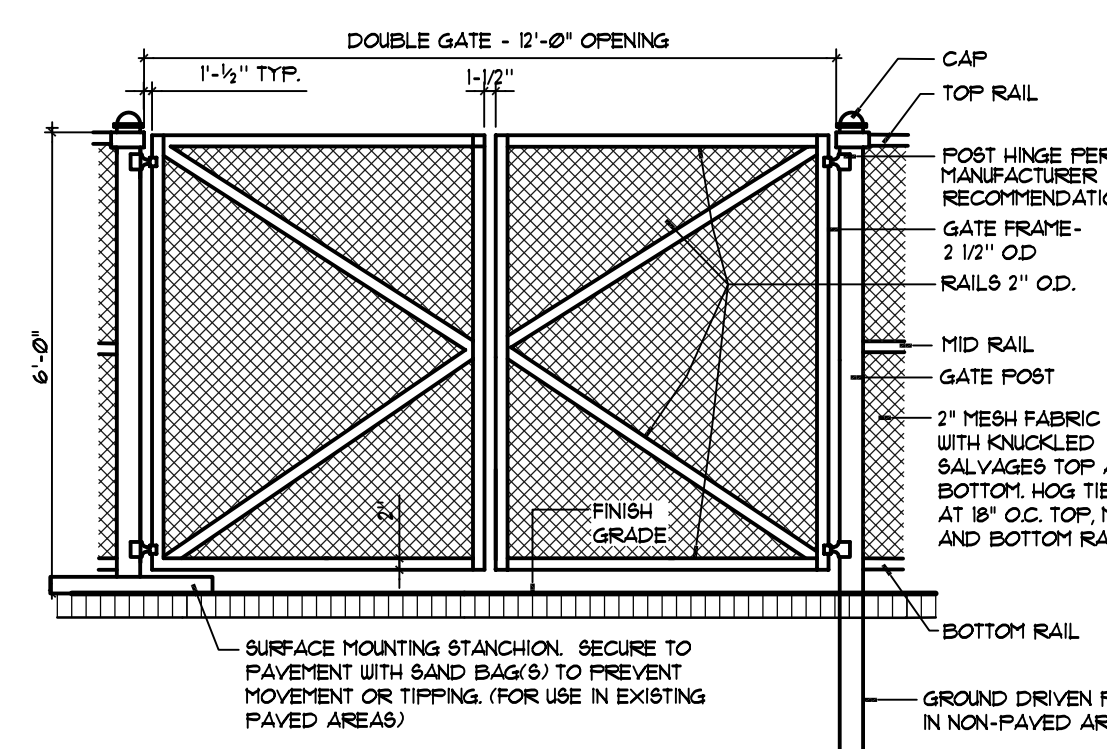
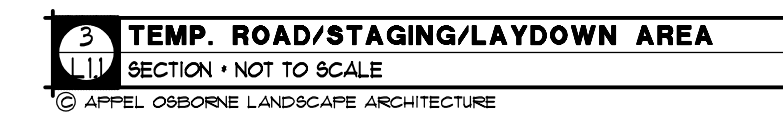
1. THE SITE CONTRACTOR SHALL CONSTRUCT, MAINTAIN, REMOVE AND RELOCATE AS NECESSARY TEMPORARY CONSTRUCTION FENCING AND GATES. TEMPORARY CONSTRUCTION FENCING SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION. THE OWNER MUST APPROVE FENCE AND GATE LAYOUT PRIOR TO CONSTRUCTION.
2. ALL CONTRACTORS STAGING, PARKING AND STORAGE SHALL BE PER THE SITE STAGING PLAN, COORDINATED AND APPROVED BY THE OWNER. THE SITE CONTRACTOR SHALL INSTALL, MAINTAIN, REMOVE AND RESTORE AREAS DENOTED ON THE DRAWINGS. ADDITIONAL STAGING AND STORAGE AREAS NOT SHOWN ON THE CONTRACT DOCUMENTS, BUT APPROVED BY THE OWNER SHALL BE RESTORED BY THE SITE CONTRACTOR.
3. TEMPORARY SITE LIGHTING SHALL BE SUPPLIED AND MAINTAINED BY THE ELECTRICAL CONTRACTOR AS SPECIFIED IN SECTION 050000.
4. ALL CONTRACTORS ARE REQUIRED TO REVIEW SPECIFICATION SECTION 050000 FOR ADDITIONAL TEMPORARY CONSTRUCTION REQUIREMENTS.
5. TRAFFIC NEEDS TO BE MAINTAINED BY ALL CONTRACTORS THROUGHOUT THE CONSTRUCTION SCHEDULE.
6. SITE WORK CONTRACTOR SHALL BE RESPONSIBLE FOR REGRADING AND RESTORATION OF STAGING AREAS AS SHOWN ON THE STAGING AND PHASING PLAN REGARDLESS OF AREAS OUTSIDE OF CONTRACT LIMIT LINE. RESTORATION IS LIMITED TO MEETING EXISTING QUALITY OF PAVEMENT AND/OR LAWN.
7. SITE CONTRACTOR SHALL REFER TO SPECIFICATION SECTIONS 050000 AND 31020 FOR SNOW REMOVAL UNLESS OTHERWISE SPECIFIED.
8. INSTALL TEMPORARY CONSTRUCTION FENCE AND GATES AS NECESSARY TO PREVENT UNAUTHORIZED PEDESTRIAN AND VEHICULAR ACCESS AT THE WORKSITE UNTIL THE AREA IS STABILIZED AND FENCING IS TAKEN DOWN AS DIRECTED BY OWNER. TIE TEMPORARY FENCE INTO EXISTING PERIMETER FENCE. ALL SITE ENTRANCES AND EXITS SHALL BE MAINTAINED FOR EMERGENCY EGRESS.
9. REMOVE TEMPORARY FENCING IN AREAS WHEN INSTALLING UTILITIES TO AVOID CONFLICT AND THEN REINSTALL AT END OF WORK DAY.
10. SITE CONTRACTOR RESPONSIBLE FOR LOCATION AND WEEKLY MAINTENANCE OF LAYDOWN AREAS, INCLUDING INSTALL DURATION AND REMOVAL.

**STAGING PLAN LEGEND**

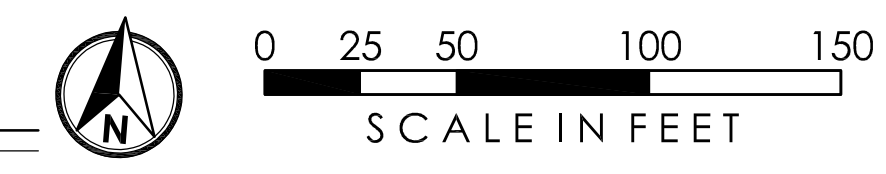
- TEMPORARY 6'-0" CHAIN LINK FENCE W/GATES
- LAYDOWN AREA
- OFFSITE TRACKING
- CONSTRUCTION ACCESS/ROAD
- TEMPORARY CUT OFF SWALE (1'-0" x 1' DEPTH) (0.5% MIN SLOPE)
- DETENTION POND



NOTE: AT COMPLETION OF PROJECT, REMOVE GRANULAR MATERIAL AND SOIL STABILIZATION FABRIC, RECONSTRUCT AND DECOMPACT SOIL, FINE GRADE AND FINISH AS SHOWN ON THE PLANS.



**SITE STAGING PLAN**



**appel  
osborne**  
landscape  
architecture

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**Willis V. Carrier Recreation Center - Phase 3**

Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Revised:	No. Date: Issued For:
Project Number:	TOD-PH3
Drawn By:	HBTG
Checked By:	TG/B
Scale:	AS SHOWN

Date: DECEMBER 16, 2024  
Drawing: SITE STAGING PLAN  
Sheet Number: L1.1

**SURVEY NOTES -  
CARRIER RECREATION CENTER - PHASE 3**

BOUNDARY AND TOPOGRAPHIC INFORMATION WAS TAKEN FROM THE FOLLOWING:  
 TITLE "TOPOGRAPHIC MAP OF A PART OF FORMER CARRIER RECREATION PARK, PART OF MILITARY LOT 30, TOWN OF DEWITT, ONONDAGA COUNTY, STATE OF NEW YORK, PREPARED FOR APPEL OSBORNE LANDSCAPE ARCHITECTURE, PREPARED BY PHILLIPS and ASSOCIATES SURVEYORS P.C., 200 SALINA STREET SUITE 111A LIVERPOOL, NY TEL: (315)451-4110, DATED MARCH 19, 2012, REVISED 9/29/2012."  
 AS BUILT INFORMATION TAKEN FROM "CONSOLIDATED WATER DISTRICT No. 1 CONTRACT No. 64 CARRIER PARK, TOWN OF DEWITT, ONONDAGA COUNTY, STATE OF NEW YORK, PREPARED BY O'BRIEN AND GERE ENGINEERS, INC. DATED JUNE 13, 2013."  
 AS BUILT INFORMATION TAKEN FROM "WILLIS V. CARRIER RECREATION CENTER CONTRACT", TOWN OF DEWITT, ONONDAGA COUNTY, STATE OF NEW YORK, DATED APRIL 11, 2014."

**MAP NOTES:**

- 1) ELEVATIONS REFER TO THE CITY OF SYRACUSE VERTICAL DATUM
- 2) CONTOUR INTERVAL = 1'
- 3) LOCATION OF UNDERGROUND UTILITIES AND OTHER UNDERGROUND STRUCTURES OBTAINED BY FIELD MEASUREMENTS WHERE POSSIBLE, OTHERWISE OBTAINED FROM OTHER SOURCES AND MAY BE APPROXIMATE ONLY. OTHER UNDERGROUND UTILITIES MAY EXIST, THE LOCATION OF WHICH ARE PRESENTLY UNKNOWN.
- 4) NOTIFY DCS SAFELY-NEW YORK AT (800) 362-7862 PRIOR TO ANY EXCAVATION
- 5) THE PROPERTY SHOWN HEREON DOES NOT LIE WITHIN A FLOOD HAZARD ZONE AS DETERMINED BY A REVIEW OF THE FLOOD BOUNDARY AND FLOODWAY MAP FOR THE TOWN OF DEWITT, COMMUNITY PANEL NO. 360 913 0009B, ISSUED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
- 6) AREAS A AND B SUBJECT TO RESTRICTIVE COVENANTS, REFERENCE FILED COVENANTS FOR DETAILS OF RESTRICTIONS.

**BENCHMARKS:**

- BM A : THE NORTH NUT ON A FIRE HYDRANT LOCATED ON THE NORTHEAST CORNER OF ALTMONT STREET AND KINNE STREET.  
ELEV.+4936
- BM B : THE NORTH NUT ON A FIRE HYDRANT LOCATED ON THE WEST SIDE OF KINNE STREET BETWEEN HOUSE No. 1001 AND HOUSE No. 1003. (NOT SHOWN)  
ELEV.+5126
- BM C : MAG NAIL IN A UTILITY POLE No. N12/BA2 LOCATED ON THE NORTHEAST CORNER OF GROVER STREET AND ROBY AVENUE.  
ELEV.+6163
- BM D : TOP OF THE LOCK LIP ON A MONITORING WELL No. 1 LOCATED AT THE NORTHWEST CORNER OF THE PARK AND 27' ABOVE GROUND.  
ELEV.+4366

**PLANT LIST - PHASE 3**

KEY	BOTANICAL NAME	COMMON NAME	QTY.	ROOT & SIZE	##	SPACING	NOTES
AR	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	12	2-2 1/2" CAL.	AS SHOWN		
CC	CERCIS CANADENSIS	FOREST PANSY REDBUD	3	1 1/4"-2" CAL.	AS SHOWN		
FF	ABIES FRASERI	FRASER FIR	4	1 1/4"-2" CAL.	AS SHOWN		
TS	THUJA STANDISHII	GREEN GIANT ARBORVITAE	102	1 1/4"-2" CAL.	6' O.C.		
UM	ULMUS MORTON	ACCOLADE ELM	4	2-2 1/2" CAL.	20' O.C. OR AS SHOWN		

\* PROVIDE VARIETY NOTED, DO NOT SUBSTITUTE WITH SPECIES  
 \*\* PLANTS TO BE BALLED AND BURLAPPED UNLESS NOTED OTHERWISE  
 NOTE: FINAL PLACEMENT OF PLANTS TO BE FIELD DIRECTED BY ARCHITECT

**LEGEND - CARRIER RECREATION CENTER - PHASE 3**

EXISTING	PROPOSED	DESCRIPTION
---	CLL	CONTRACT LIMIT LINE
---	---	STREET LINE / PROPERTY EDGE
---	---	CONTOUR
---	---	GRANITE CURB
---	---	PAVEMENT EDGE
---	---	SAWCUT LINE
---	////	UTILITY REMOVAL
G	---	GAS LINE
---	UE	ELECTRICAL UTILITIES/FIBER OPTICS
OHE	---	OVERHEAD ELECTRIC, TELEPHONE, CABLE TV
W	---	WATER LINE
S	9" SAN	SANITARY SEWER
D	6" ST	STORM SEWER - SIZE /TYPE
8" SMT	8" SMT	STORMWATER MANAGEMENT TRENCH
---	F DRAIN	FLAT DRAINS
---	V DRAIN	VERTICAL DRAINS
---	---	WATER LEVEL
---	---	DRAINAGE ARROW (FLOW DIRECTION)
---	---	SPORTS LIGHTING POLES AND FOOTINGS
---	---	UTILITY POLE
MON. WELL	---	MONUMENT FOUND
COMM. PED	---	COMMUNICATION PEDESTAL
---	---	TRAFFIC SIGN
---	---	FIRE HYDRANT
---	---	YARD HYDRANT
---	---	WATER VALVE
---	AD	AREA DRAIN
---	SI	CATCH BASIN / STORM INLET
---	MH / DW	STORM MANHOLE / DRYWELL
---	---	SANITARY MANHOLE
---	---	VINYL CHAIN LINK FENCE
---	8" HT FENCE	WOOD CEDAR FENCE
---	---	NETTING SYSTEM
---	FP	FLAGPOLE
---	---	SCOREBOARD
---	46 TB	SPOT GRADE
---	CB	COMMUNICATION BOX
---	HP	HIGH POINT
---	F.V.	FIELD VERIFY
---	TYP	TYPICAL
---	---	EDGE OF WOODS
---	---	TREES / SHRUBS
---	---	TREE/STUMP REMOVAL
---	---	VEGETATION/TREE REMOVAL
---	---	REMOVE EXISTING PAVEMENT/SUBBASE
---	PAP	POROUS ASPHALT PAVING
---	MDA	MEDIUM DUTY ASPHALT
---	HQC	CONCRETE WITH SCORING
---	---	LAWN TYPE 1 - 4" TOPSOIL, 80D
---	---	LAWN TYPE 2 - 6" TOPSOIL, 80D
---	---	LAWN TYPE 3 - 4" TOPSOIL, WETLAND SEED MIX
---	---	INFIELD/WARNING TRACK CLAY MIX
---	---	SYNTHETIC TURF
---	---	STONE BLANKET
---	---	STONE MULCH

**SITE PREPARATION and CONSTRUCTION NOTES -  
CARRIER RECREATION CENTER - PHASE 3**

- 1) EXISTING LAWN AREA REMAINS. PROTECT.
- 2) STRIP EXISTING TOPSOIL AND STOCK PILE FOR REUSE ON SITE IN AN AREA AS SHOWN ON PLANS OR AS DIRECTED BY THE ARCHITECT. TEMPORARY SEED ENTIRE PILE IMMEDIATELY AND SURROUND WITH SILT FENCE. EXCESS REMAINING TOPSOIL THAT IS NOT REUSED ON SITE IS TO BE HAULED OFFSITE TO A LOCATION AS PROVIDED IN SPECIFICATIONS, TO BE STOCKPILED AND SEEDED.
- 3) EXISTING VEGETATION REMAINS. PROTECT AT ALL TIMES AS SHOWN ON THE PLANS AND AS SPECIFIED. DO NOT PARK VEHICLES/EQUIPMENT OR STORE MATERIALS WITHIN PROTECT LINES OF TREES.
- 4) REMOVE EXISTING VEGETATION, INCLUDING STUMPS AND ROOTS AND DISPOSE OFF SITE. BACKFILL VOID WITH 95% COMPACTED GRANULAR BACKFILL.
- 5) EXISTING PAVEMENT REMAINS. PROTECT. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION.
- 6) REMOVE EXISTING PAVEMENT SURFACE AND HAUL OFF SITE. REMOVE GRANULAR BASE COURSE AND HAUL OFF SITE OR USE AS GENERAL EARTH FILL WHEN MEETING SPECIFIED SIEVE REQUIREMENTS.
- 7) EXISTING SITE UTILITY REMAINS. PROTECT.
- 8) REMOVE EXISTING SITE UTILITY DISPOSE OFF SITE AND BACK FILL VOID WITH 95% COMPACTED GRANULAR BACKFILL. ABANDONING IN PLACE IS NOT ACCEPTABLE. LEAVE AREA OPEN FOR INSPECTION BY ARCHITECT PRIOR TO BACKFILL.
- 9) EXISTING SITE FEATURE REMAINS. PROTECT.
- 10) REMOVE EXISTING SITE FEATURE AND DISPOSE OFF SITE, INCLUDING ANY ASSOCIATED FOOTINGS OR UNDERDRAINS. BACKFILL VOID WITH 95% COMPACTED GRANULAR BACKFILL.
- 11) REMOVE EXISTING FABRIC AND RAILS, AND DISPOSE OFFSITE. SAND EXISTING FENCE POSTS AND PAINT WITH (1) ONE COAT PRIMER AND (2) COATS RUSTOLEUM (BLACK). INSTALL NEW VINYL CHAIN LINK FENCE FABRIC WITH 12" CLEARANCE AT BOTTOM OF FABRIC TO GRADE. ONCE TENNIS COURTS HAVE BEEN RESURFACED, PROVIDE VINYL COATED 1 5/8" TOP BOTTOM AND MID RAIL, AND 1 3/4" VINYL MESH 1/2 GAUGE AT EXISTING TENNIS COURT FENCE. INSTALL HOG TIES 1'-0" TYPICAL AT ALL POSTS AND RAILS. GRIND DOWN HEAVED ASPHALT OR CONCRETE PATCH HOLES AND CRACKS. REGROUT LOOSE FENCE POST SLEEVES, FIX NET TIE DOWNS AND PAINT EXISTING NET POSTS TO REMAIN.
- 12) SAW CUT NEAT, STRAIGHT EDGE. PRIOR TO PAVING.
- 13) VERIFY LOCATION, ELEVATION AND TYPE OF EXISTING PIPE AND INVERT PRIOR TO CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY IMMEDIATELY.
- 14) ADJUST UTILITY TO FINISHED GRADE. FURNISH ALL LABOR AND MATERIAL TO ACCOMPLISH.
- 15) MEET EXISTING LINE AND GRADE.
- 16) SLIP DOUBT NEW CONCRETE WALK INTO EXISTING CONCRETE WALK OR BUILDING FOUNDATION WALL WITH NO. 4 SLIP DOUBT, 18" LONG, 18" O.C. 2" CLEAR MINIMUM FROM SURFACE. INSERT DOUBLES EQUAL LENGTH INTO EXISTING AND NEW CONCRETE.
- 17) ALIGN NEW EDGE WITH EXISTING.
- 18) CAP END SILT TIGHT.
- 19) PROVIDE HOT TAR ASPHALT CRACK SEALER BETWEEN EXISTING AND NEW ASPHALT JOINT.
- 20) WHEN THE DISTANCE BETWEEN UTILITY PIPES IS LESS THAN 18" MINIMUM THEN ALL STORM JOINTS WITHIN 10' MUST BE ENCASED IN CONCRETE (6" ALL SIDES). CONCRETE MUST BE LAID UP TO NEXT BELL OR COLLAR BEYOND THE 10'-0" MINIMUM.
- 21) CONTRACTOR TO LIMB UP BRANCHES OF EXISTING TREELINE PER DETAIL 20/L10
- 22) REMOVE EXISTING ASPHALT MATERIAL TO 1 1/2" DEPTH. REMOVE AND HAUL OFFSITE. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION WITH SAME MATERIAL AS ADJACENT, AND AS DIRECTED BY THE ARCHITECT. REPAIR ANY CRACKED OR DISPLACED PAVEMENT BENEATH MILLED SECTION TO PROVIDE A STABLE BASE SATISFACTORY TO THE ARCHITECT. SUEEP, POWERWASH AND CLEAN ENTIRE MILLED SURFACE. INSTALL NY SPOT APPROVED TACK COAT TO MILLED SURFACE AS SPECIFIED. INSTALL ASPHALT WEARING COURSE AS DETAILED AND SPECIFIED.
- 23) FURNISH AND INSTALL ALL FENCING, POSTS, HARDWARE, AND CONCRETE FOOTINGS NECESSARY TO MAKE TRANSITION FROM PROPOSED FENCE TO EXISTING FENCE. MATCH HEIGHT OF EXISTING FENCE UNLESS OTHERWISE SHOWN ON THE PLANS.
- 24) PROVIDE FERRO COUPLER OR SIMILAR SILT TIGHT JOINT BETWEEN EXISTING PIPE AND NEW STORM PIPE. ALLOW INSPECTION BY ARCHITECT PRIOR TO BACKFILLING. NOTIFY ARCHITECT WHEN READY TO BACKFILL.
- 25) CONNECT TO EXISTING UTILITY. PROVIDE ALL MATERIALS. MAKE CONNECTION SILT TIGHT.
- 26) CORE INTO EXISTING STRUCTURE TO ALLOW INSTALLATION OF PROPOSED PIPE. MORTAR VOID BETWEEN OUTSIDE OF PIPE WALL TO STRUCTURE EDGE WATER TIGHT. CLEAN EXISTING STRUCTURE OF ANY DEBRIS PRIOR TO INSTALLATION OF NEW PIPE.
- 27) PROPOSED UTILITY SHOWN FOR COORDINATION, REFER TO OTHER SHEETS FOR MORE INFORMATION.
- 28) NOTE NOT USED.
- 29) NOTE NOT USED.
- 30) CLOSE OFF EXISTING PEDESTRIAN ACCESS TO SITE. PROVIDE NEW LOCK ON EXISTING DOUBLE GATE FOR DURATION OF CONSTRUCTION. REMOVE ANY SECTION OF FENCE REQUIRED TO PROVIDE TEMPORARY CONSTRUCTION ACCESS GATES. TYPICAL. CONTRACTOR TO UTILIZE EXISTING CHAIN LINK FENCE AS TEMPORARY CONSTRUCTION FENCE FOR DURATION OF PROJECT, UNTIL PROJECT SCHEDULE REQUIRES NEW FENCING AND GATES TO BE INSTALLED. DISPOSE OF EXISTING FENCE, GATES, FOOTINGS OFFSITE.
- 31) CAREFULLY REMOVE AND REUSE EXISTING DRYWELL. REPAIR ANY DAMAGED PORTIONS OF THE STRUCTURE. PROVIDE ALL MATERIALS TO MAKE NEW CONNECTIONS. BACKFILL VOID WITH 95% COMPACTED GRANULAR MATERIAL.
- 32) CONTRACTOR HAS OPTION TO CAREFULLY REMOVE AND REUSE EXISTING HDPE STORM PIPE OR TO DISPOSE OFFSITE. PROVIDE ALL MATERIALS TO MAKE NEW CONNECTIONS. BACKFILL VOID WITH 95% COMPACTED GRANULAR MATERIAL.
- 33) CONTRACTOR TO REMOVE AND CAP ABANDONED WATER LINE AS SHOWN ON DRAWINGS.
- 34) MAINTAIN A MINIMUM BUFFER OF 50' FROM NEIGHBORING PROPERTY LINES. NO DISTURBANCE OR CONSTRUCTION ACTIVITY IS TO TAKE PLACE IN THIS BUFFER FOR THE DURATION OF THE PROJECT.
- 35) PROVIDE 2"x2" INLAIN TURF MARKS EVERY 20' AS MARKERS FOR PORTABLE OUTFIELD FENCE ALIGNMENT. COLOR AS CHOSEN BY OWNER.
- 36) PROVIDE 4"x4" INLAIN TURF MARKS AT CORNERS AND CENTERFIELD FOR SOCCER AND UNIFIED LACROSSE FIELDS. COLOR AS CHOSEN BY OWNER.

Project Number: TOD-PH3  
 Drawn By: HBTG  
 Checked By: TGTB  
 Scale: AS SHOWN

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**Willis V. Carrier Recreation Center - Phase 3**

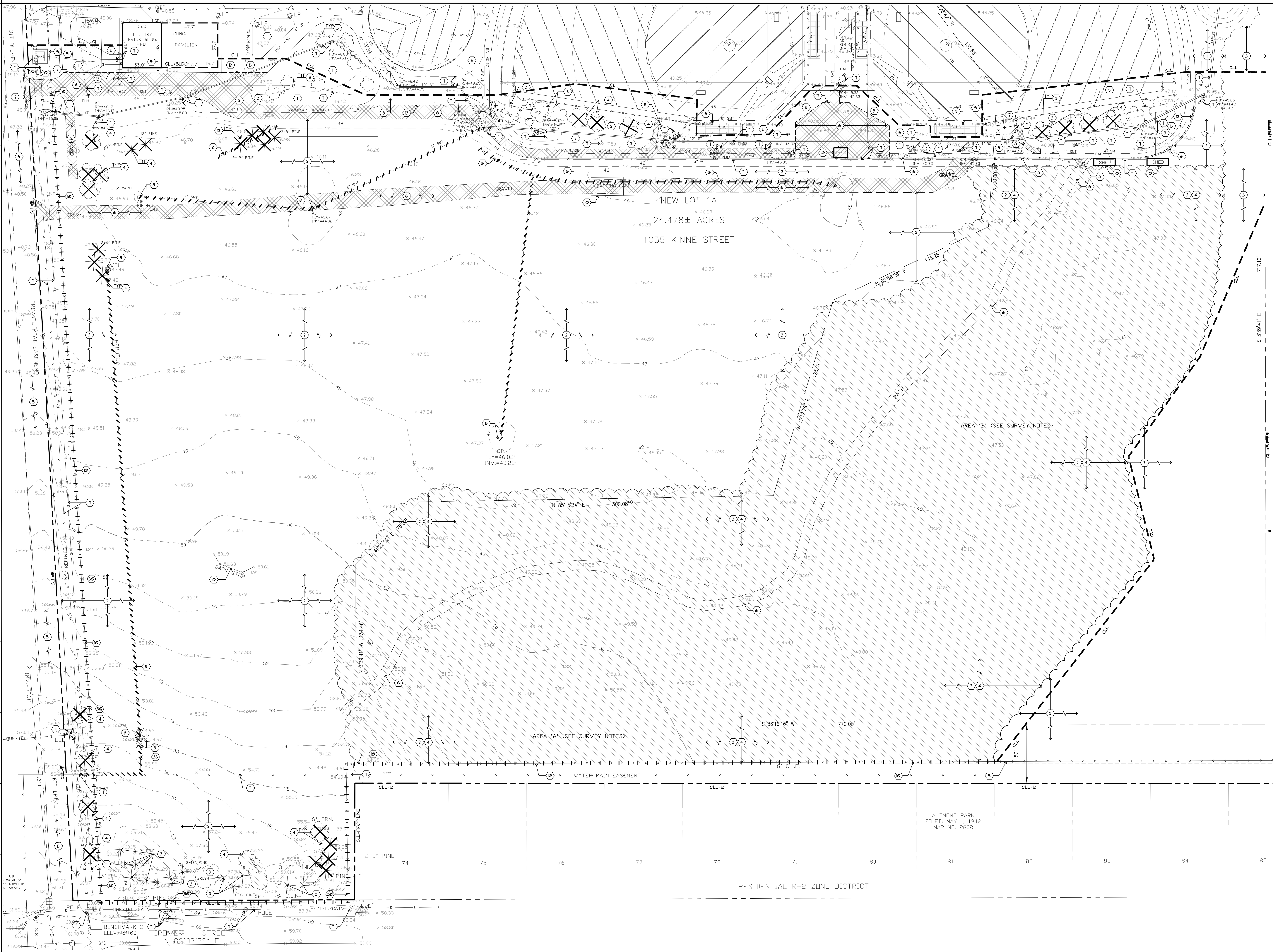
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Project Number:	TOD-PH3
Drawn By:	HBTG
Checked By:	TGTB
Scale:	AS SHOWN

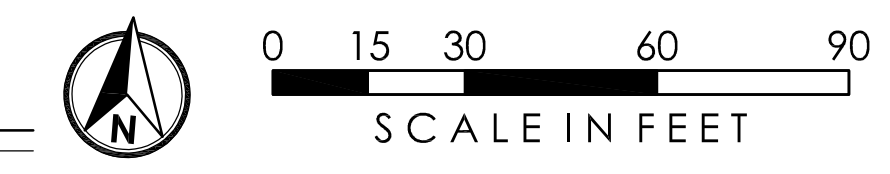
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Date: DECEMBER 16, 2024  
Drawing: SITE PREPARATION PLAN

Sheet Number: L3



**SITE PREPARATION PLAN**



**SWPPP LEGEND**

SYMBOL	DESCRIPTION
	STRAW MAT HILLSIDE / SWALE
	LAIN TYPE (SEE SPEC.)
	EXISTING CONTOUR
	PROPOSED CONTOUR
	SILT FENCE
	OFF-SITE TRACKING CONTROL CONSTRUCTION ENTRY/EXIT
	TEMPORARY FABRIC INLET PROTECTION
	TOPSOIL STOCKPILE AREA
	TEMPORARY SEDIMENT FILTER BAG
	CONCRETE WASHOUT FACILITY
	TRIANGLE SILT DIKE
	TREE PROTECTION
	EXISTING VEGETATION PROTECTION
	TEMPORARY SEDIMENT TRAP
	TEMPORARY DIVERSION SWALE
	CULVERT PROTECTION
	LIMITS OF TEMPORARY OUTLET SEDIMENT TRAPS
	AREAS OF DEEP-RIPPING AND DECONPACTION

**STORMWATER POLLUTION PREVENTION PLAN NOTES**

**OBJECTIVE**  
PREVENTION OF EROSION AND POLLUTION FROM STORMWATER RUNOFF FOR THE DURATION OF THIS PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL STORMWATER POLLUTION PREVENTION CONTROL WORK INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE INCLUDED IN THE SITE CONTRACTOR'S BASE BID. DAMAGES RESULTING FROM EROSION OR POLLUTION NEGLIGENCE, IMPROPER MAINTENANCE OR GENERAL DISREGARD FOR EROSION CONTROL MEASURES SHALL BE IMMEDIATELY CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, ENGINEER OR CERTIFIED EROSION CONTROL SPECIALIST HIRED BY THE OWNER FOR THE SWPPP INSPECTIONS AS REQUIRED BY THE NYSDDEC. DAMAGES RESULTING FROM OTHER CONTRACTORS SHALL BE REPAIRED BY THE CONTRACTOR ON A TIME AND MATERIAL BASIS AND BACK CHARGED TO THE RESPONSIBLE PARTY. ANY FINES LEVIED ON THE OWNER BY GOVERNING AUTHORITIES FOR SWPPP VIOLATIONS SHALL BE BACK CHARGED TO THE RESPONSIBLE PARTY.

**SITE DESCRIPTION**  
PROJECT NAME AND LOCATION: WILLIS V. CARRIER - PHASE 2 RECREATION CENTER  
OWNER NAME AND ADDRESS: TOWN OF DEWITT, 5400 BUTTERNUT DRIVE, EAST SYRACUSE, NY 13057

**PROJECT DESCRIPTION:**  
THIS IS THE SECOND CONSTRUCTION PHASE OF THE WILLIS V. CARRIER RECREATION CENTER. THIS PHASE WILL CONSIST OF SITE RENOVATIONS AND SOIL DISTURBING ACTIVITIES THAT WILL INCLUDE: CLEARING AND GRUBBING, INSTALLING A STABILIZED CONSTRUCTION ENTRANCE AND OTHER EROSION AND SOIL DISTURBING ACTIVITIES, GRADING, EXCAVATION FOR NEW BUILDINGS AND PARKING LOTS, NEW SOFTBALL FIELDS, NEW MULTI-SPORT SYNTHETIC TURF FIELD, BLEACHERS, PRESSBOX, MAINTENANCE FACILITIES, WATER CLOSETS, AND PREPARATION FOR SEEDING. THE PROJECT IS SCHEDULED TO BEGIN WINTER OF 2025 AND BE COMPLETED IN FALL 2025.

**SITE AREA:**  
THE SITE IS APPROXIMATELY 24.5+ ACRES OF WHICH 12.65+ ACRES SHALL BE DISTURBED BY CONSTRUCTION ACTIVITIES.

**SEQUENCE OF MAJOR ACTIVITIES:**  
GENERAL:  
1. INSTALL OFF-SITE TRACKING AND TEMPORARY ACCESS ROAD.  
2. INSTALL SILT FENCE WHERE SHOWN AND ON DOWNHILL SLOPES.  
3. CONTINUE WITH SITE RENOVATIONS AND VEGETATION CLEARING.  
4. STRIP AND STOCKPILE TO AREAS INDICATED, TEMPORARILY SEED AND PROTECT WITH SILT FENCE.  
5. INSTALL SEDIMENT BASIN TEMPORARY OUTLET TRAP AND UPPER SITE CUTOFF DRAINAGE. STABILIZE AREA WITH TEMPORARY SEEDING AND TSD'S.  
6. INITIATE NECESSARY CUT AND FILLS TO SUBGRADE OF BUILDING AND SURROUNDS.  
7. INSTALL DRAINAGE, RETAINING WALLS, OTHER UTILITIES, STABILIZE SLOPES WITH STRAW MAT AS INDICATED.  
8. INSTALL SITE FEATURES INCLUDING STAIRS, RAMPS, PLAYSAPACES, FENCING, ETC.  
9. INSTALL ALL PAVEMENT SUBGRADES, CURBS, AND GUTTERS. INSTALL ASPHALT PAVING AND CONCRETE WALKS.  
10. SPREAD TOPSOIL ON BASEBALL FIELD AND ALL LAWN AREAS. CLEAN SILT OUT OF TEMPORARY SEDIMENT BASIN AND SEED SEED AND SOIL LAWN AREAS AS INDICATED, AND INSTALL PLANTINGS.  
11. FERTILIZE WATER AND MOW LAWN AREAS.  
12. REMOVE ALL MECHANICAL EROSION CONTROL AFTER LAWN IS STABILIZED.

**NAME OF RECEIVING WATERS:**  
THE RUNOFF FROM THE SITE FLOWS INTO AN EXISTING SWALE ALONG KINNE STREET THEN OUTSIDE IN LEY CREEK.

**MAINTENANCE / INSPECTION PROCEDURES**

(INSPECTION ON EROSION CONTROLS SHALL BE PERFORMED BY THE ARCHITECT AND SITE CONTRACTOR WITH DEC CERTIFICATION.)

- INSPECT ALL CONTROL MEASURES AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.
- MAINTAIN ALL MEASURES IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, SITE CONTRACTOR SHALL INITIATE WITHIN 24 HOURS OF REPORT.
- REMOVE BUILT UP SEDIMENT FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
- INSPECT SILT FENCE FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FENCE IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
- INSPECT DIVERSION DIKE/ AND OR DITCHES AND REPAIR ANY BREACHES PROMPTLY.
- INSPECT TEMPORARY AND PERMANENT SEEDING AND PLANTING FOR BARE SPOTS, WASHOUT, AND HEALTHY GROWTH.

1. PREPARE A MAINTENANCE INSPECTION REPORT AFTER EACH INSPECTION.

2. THE OWNER'S PERSONNEL SELECTED FOR INSPECTION AND RECEIVING TRAINING FROM THE ARCHITECT AND CONTRACTOR, THEY SHALL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT AND WATER QUANTITY AND QUALITY SYSTEMS CONTROLLED ON-SITE IN GOOD WORKING ORDER, POST CONSTRUCTION.

**INVENTORY FOR POLLUTION PREVENTION PLAN**

MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ON-SITE DURING CONSTRUCTION.

- CONCRETE	- CLEANING SOLVENTS
- FERTILIZERS	- DENRY BLOCK
- DETERGENTS	- WOOD
- PETROLEUM BASED PRODUCTS	- ASPHALT
- PAINTS (ENAMEL AND LATEX)	- MISC. CONSTRUCTION MATERIALS

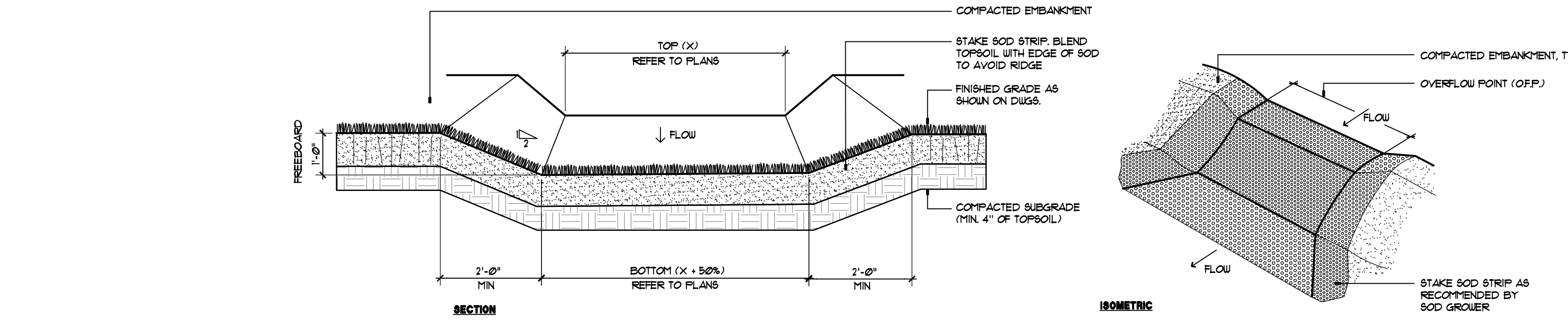
**SPILL PREVENTION**

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT:

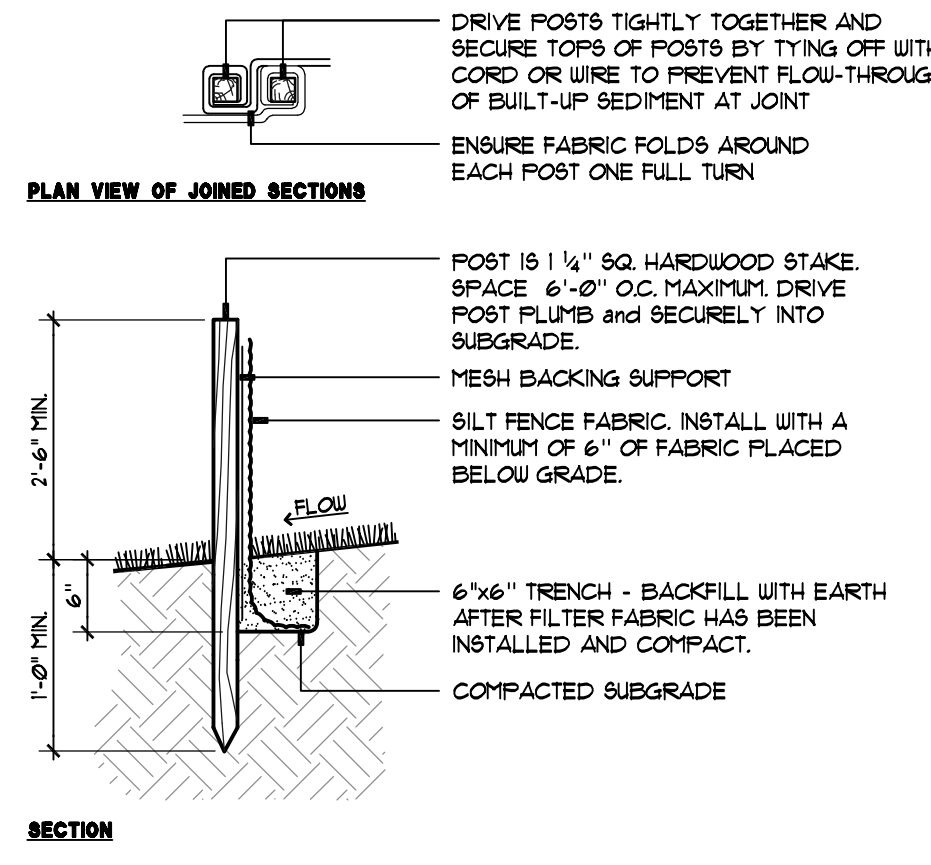
- STORAGE OF ALL MATERIALS STORED ON-SITE IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. KEEP PRODUCTS IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL. WHENEVER POSSIBLE, USE UP ALL OF A PRODUCT BEFORE DISPOSING OF THE CONTAINER.
- FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL. INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE.
- THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. KEEP PRODUCTS IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. RETAIN ORIGINAL LABELS AND MATERIAL SAFETY DATA. THEY CONTAIN IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF FOLLOW MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL.
- MONITOR ALL ON-SITE VEHICLES FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. FERTILIZER PRODUCTS SHALL BE STORED IN TIGHTLY SEALED OSHA APPROVED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S AND ARCHITECT'S RECOMMENDATIONS.
- APPLY FERTILIZERS USED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER AND ARCHITECT. ONCE APPLIED, FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. STORAGE SHALL BE IN COVERED STORAGE. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
- SEAL AND STORE ALL PAINT CONTAINERS TIGHTLY WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT BE DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.
- CONCRETE AND ASPHALT TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRILL WASH WATER ON THE SITE.

**TIMING OF CONTROLS / MEASURES**

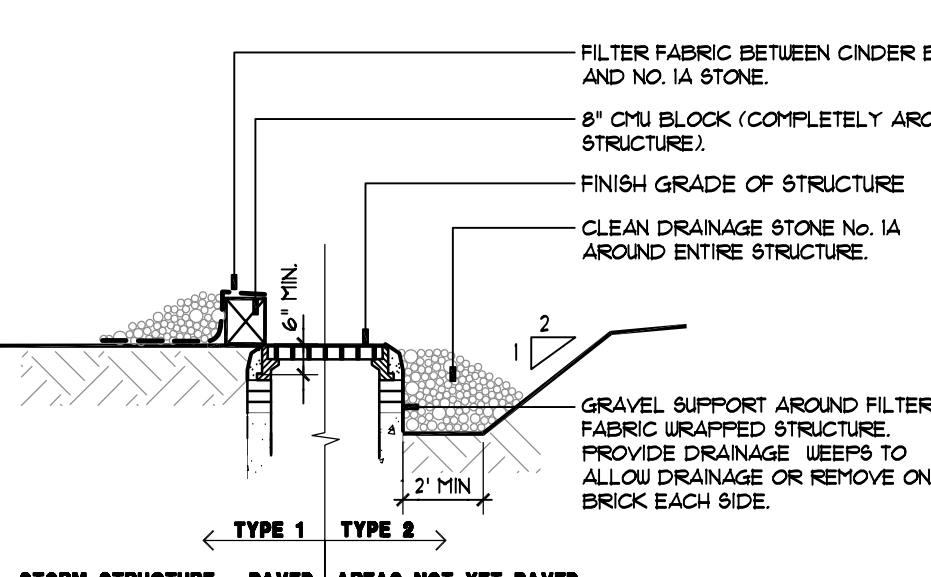
AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE TEMPORARY EROSION AND SEDIMENT CONTROLS, STABILIZED CONSTRUCTION ENTRANCES AND STAGING AREA SHALL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 1 DAY'S SHALL BE STABILIZED WITH A TEMPORARY SEED AND MULCH. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA SHALL BE STABILIZED WITH PERMANENT LAWN. AFTER THE SITE IS STABILIZED, ANY ACCUMULATED SEDIMENT AND THE TEMPORARY CONTROLS SHALL BE REMOVED. ANY DISTURBED AREAS NOT STABILIZED PRIOR TO SNOWFALL SHALL RECEIVE DRY MULCH TO PROTECT DURING WINTER MONTHS.



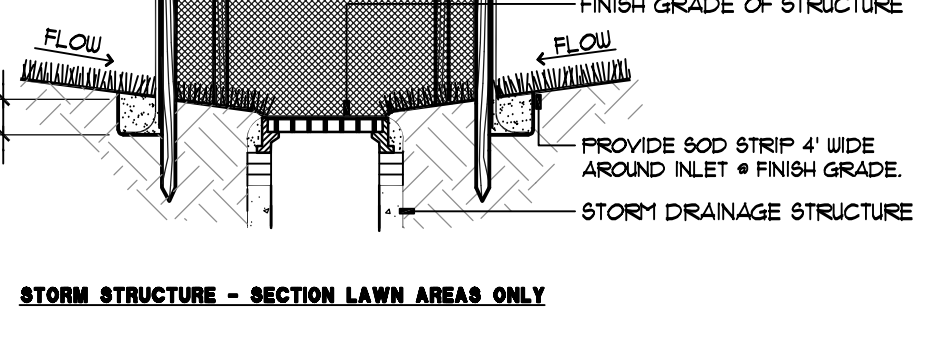
**3 SOD WEIR BASIN OVERFLOW**  
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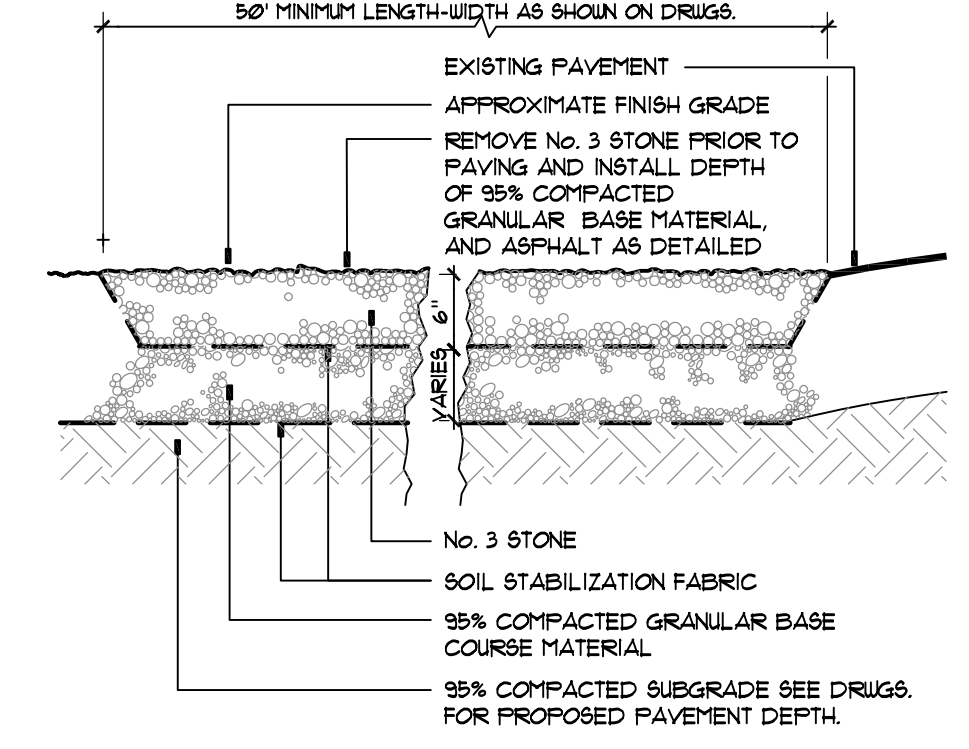
**4 SILT FENCE = SF**  
SECTION - NOT TO SCALE 303-004



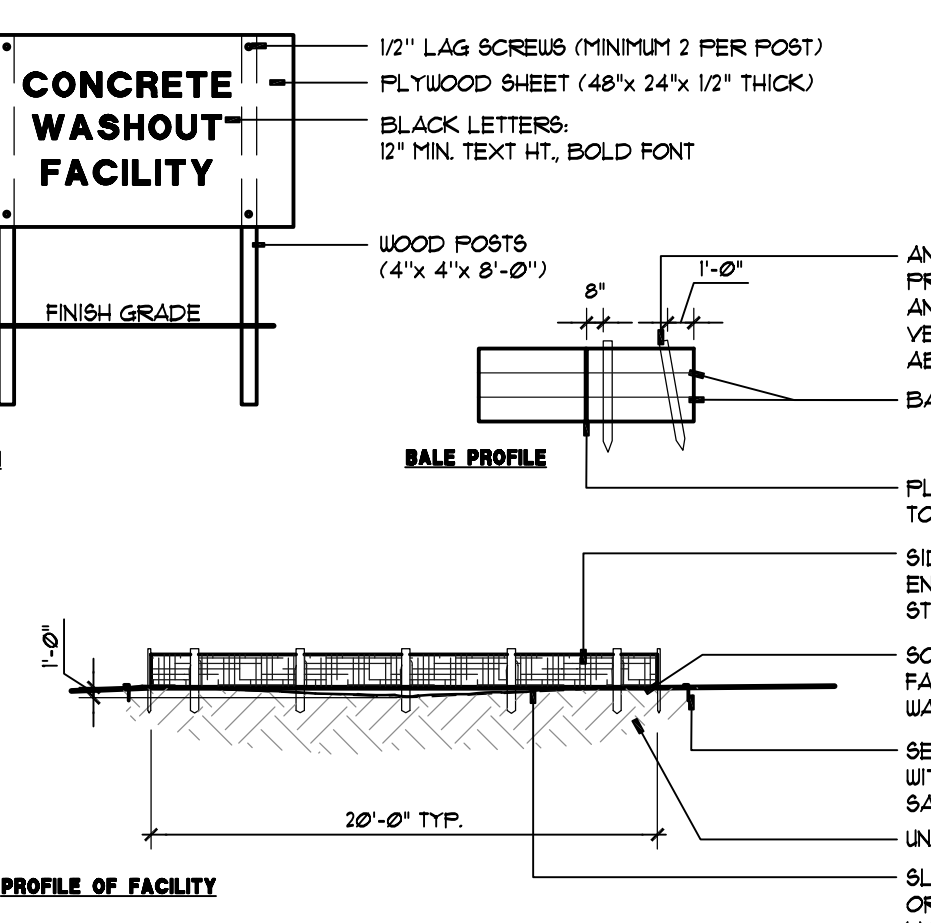
**5 STORM STRUCTURE - PAVED AREAS NOT YET PAVED**  
SECTION - NOT TO SCALE 303-002



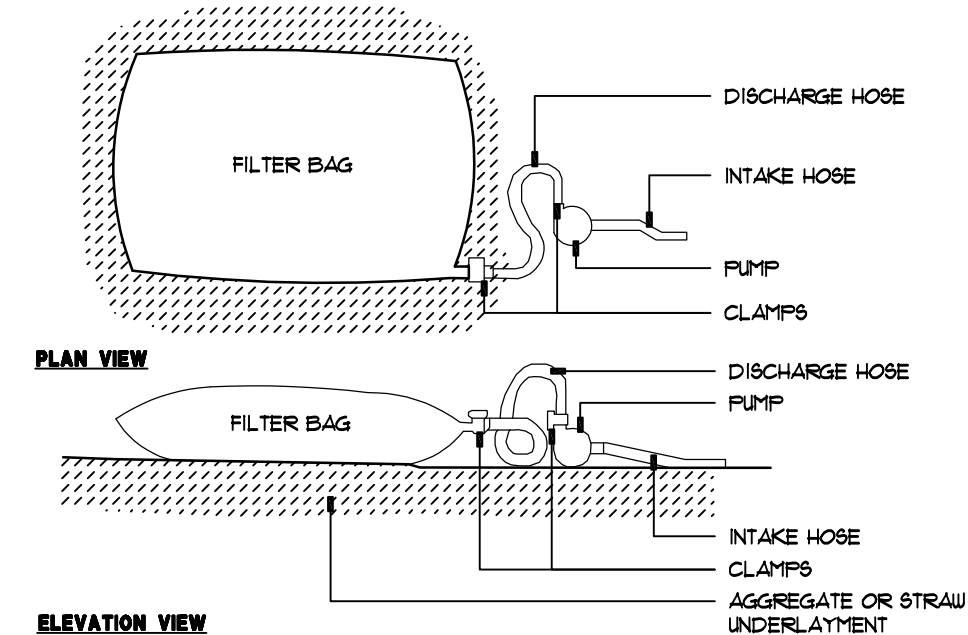
**6 STORM STRUCTURE PROTECTION**  
SECTION - NOT TO SCALE 303-003



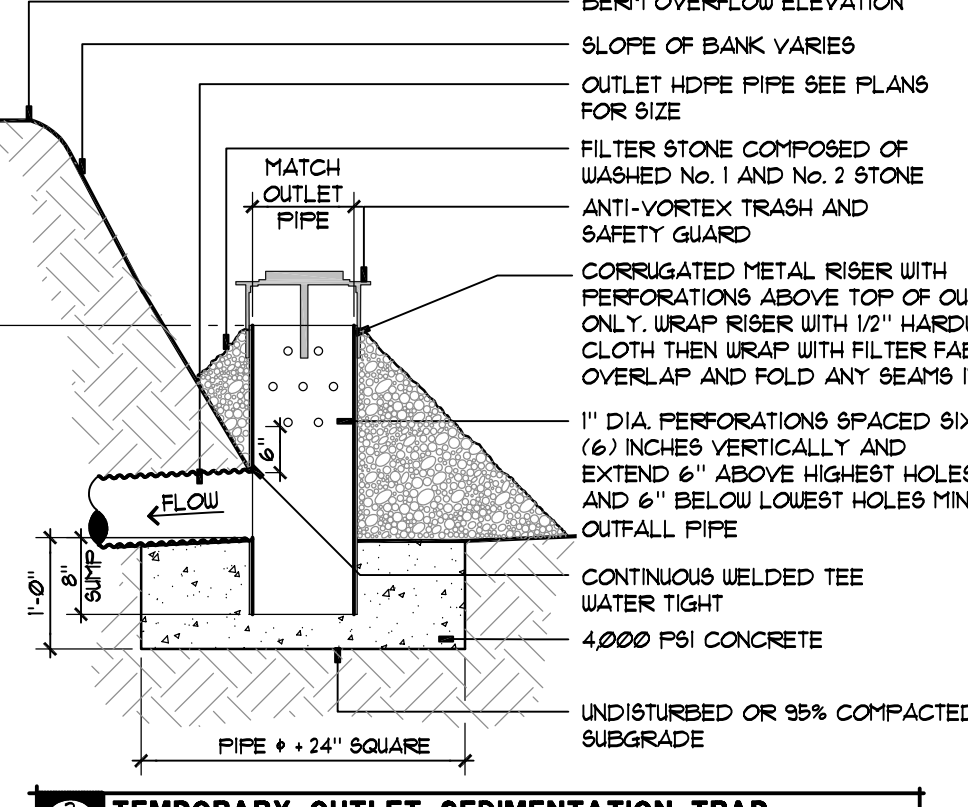
**7 OFFSITE SEDIMENT TRACKING CONTROL**  
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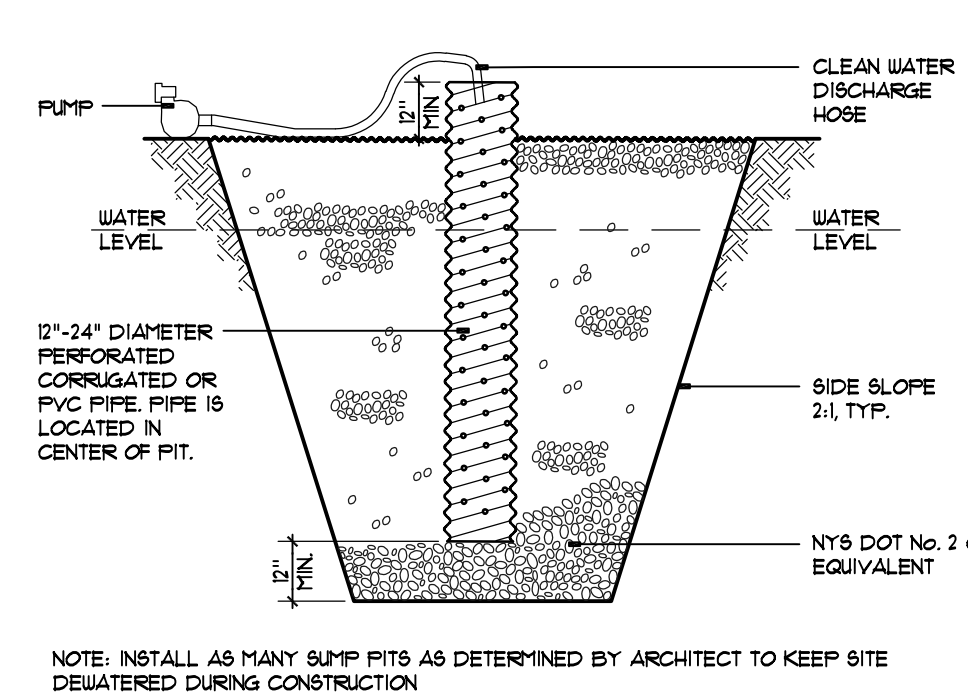
**8 CONCRETE WASHOUT FACILITY**  
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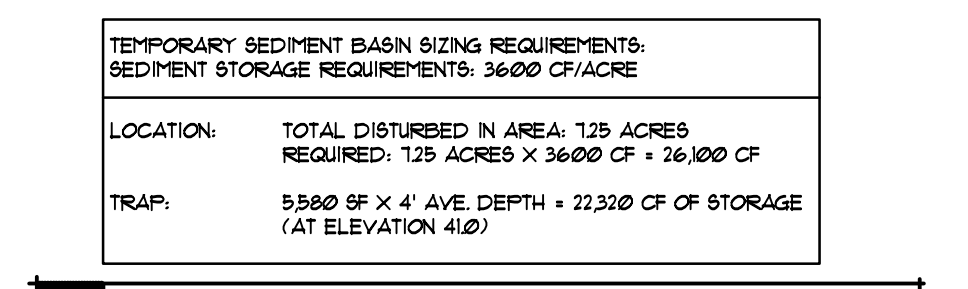
**9 TEMP. SEDIMENT FILTER BAG FOR PUMPED WATER**  
SECTION - NOT TO SCALE 303-005



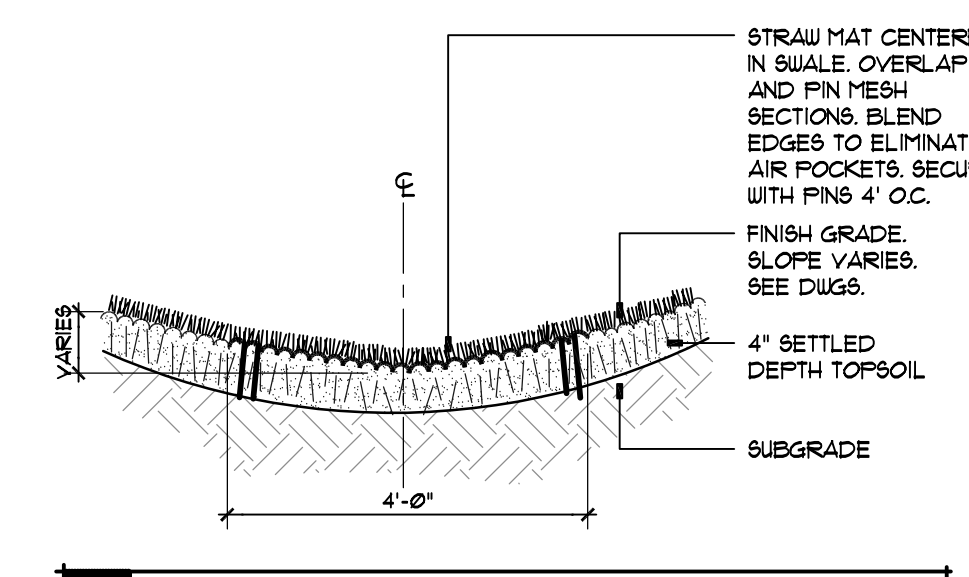
**10 TEMPORARY OUTLET SEDIMENTATION TRAP**  
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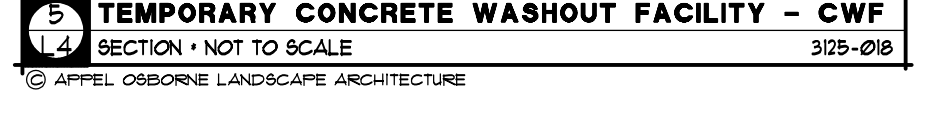
**11 SUMP PIT = SP**  
SECTION - NOT TO SCALE 303-007



**12 TEMPORARY BASIN CALCULATIONS**  
SECTION - NOT TO SCALE 28-008



**13 STRAW MAT VEGETATED SWALE**  
SECTION - NOT TO SCALE 303-007



**14 TEMPORARY CONCRETE WASHOUT FACILITY - CWF**  
SECTION - NOT TO SCALE 303-008









Sheet

**Willis V. Carrier Recreation Center - Phase 3**

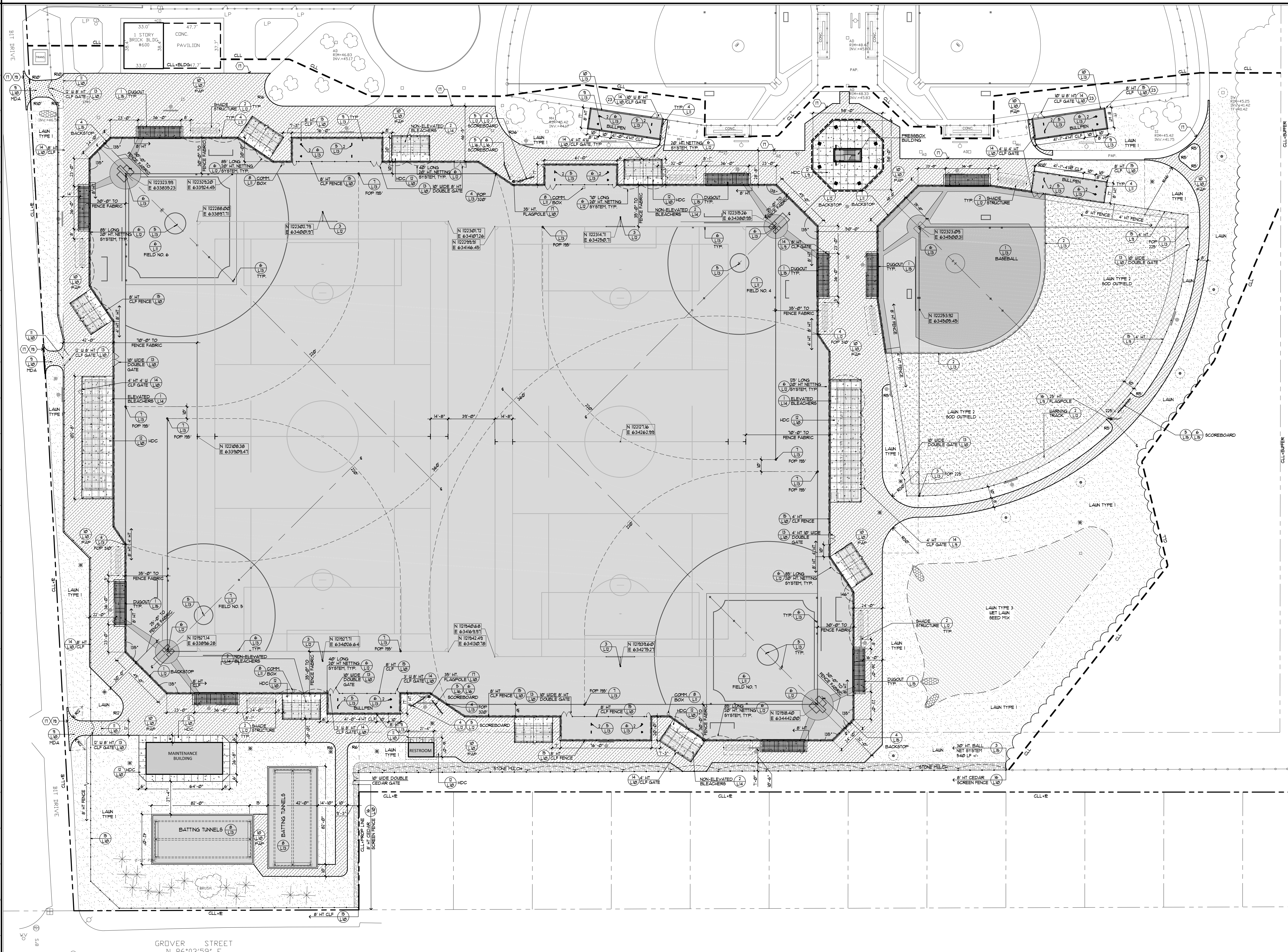
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Project Number:	TOD-PH3
Drawn By:	HBTG
Checked By:	TGTB
Scale:	AS SHOWN

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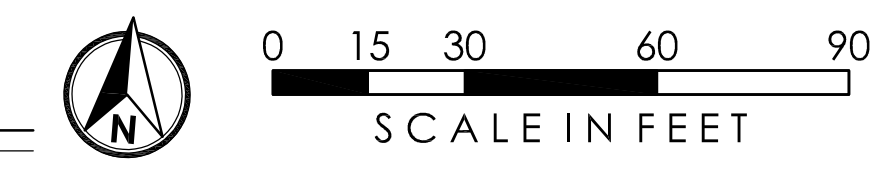
Date: DECEMBER 16, 2024  
Drawing: SITE LAYOUT PLAN

Sheet Number: **L8**

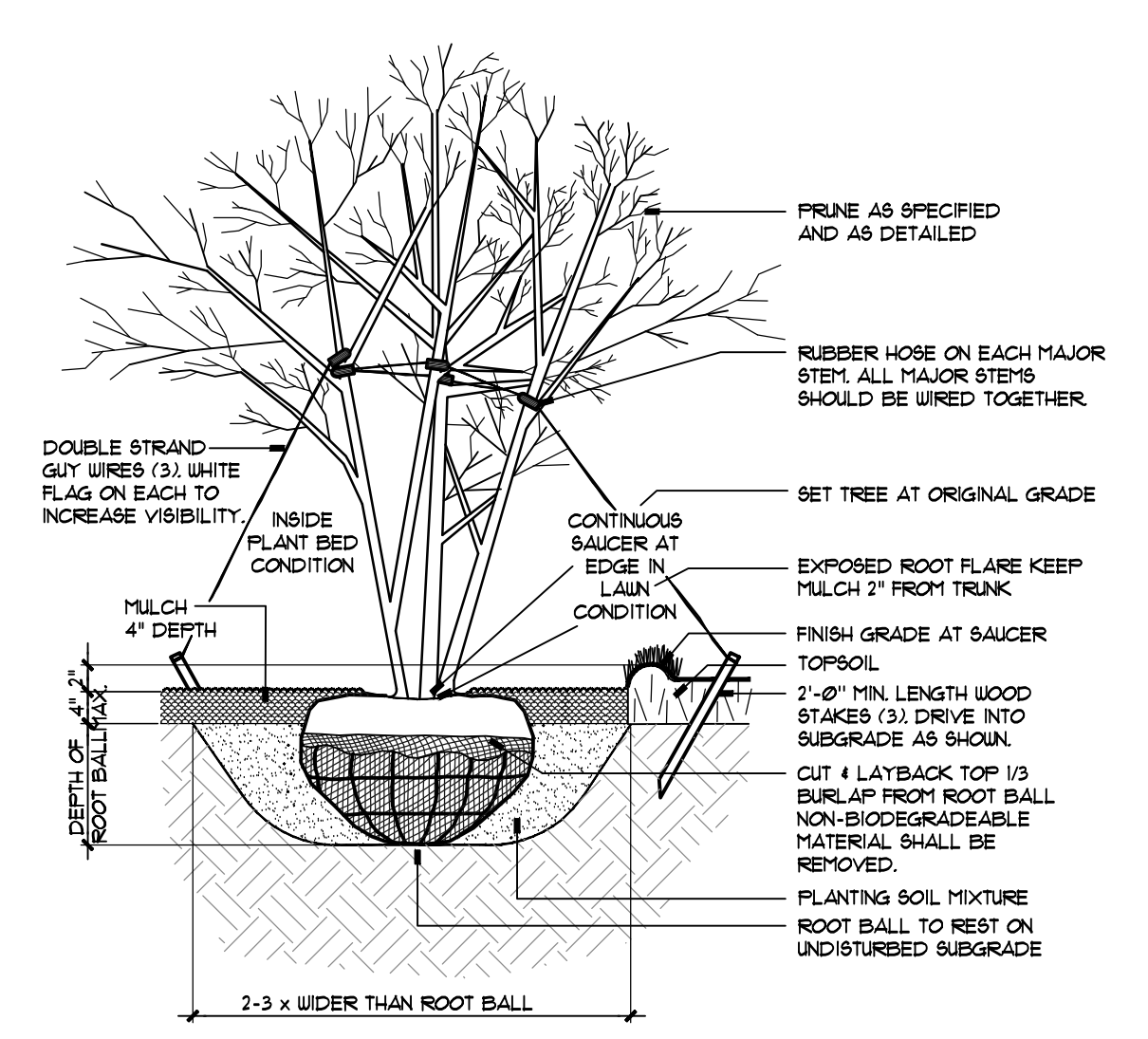


**SITE LAYOUT PLAN**

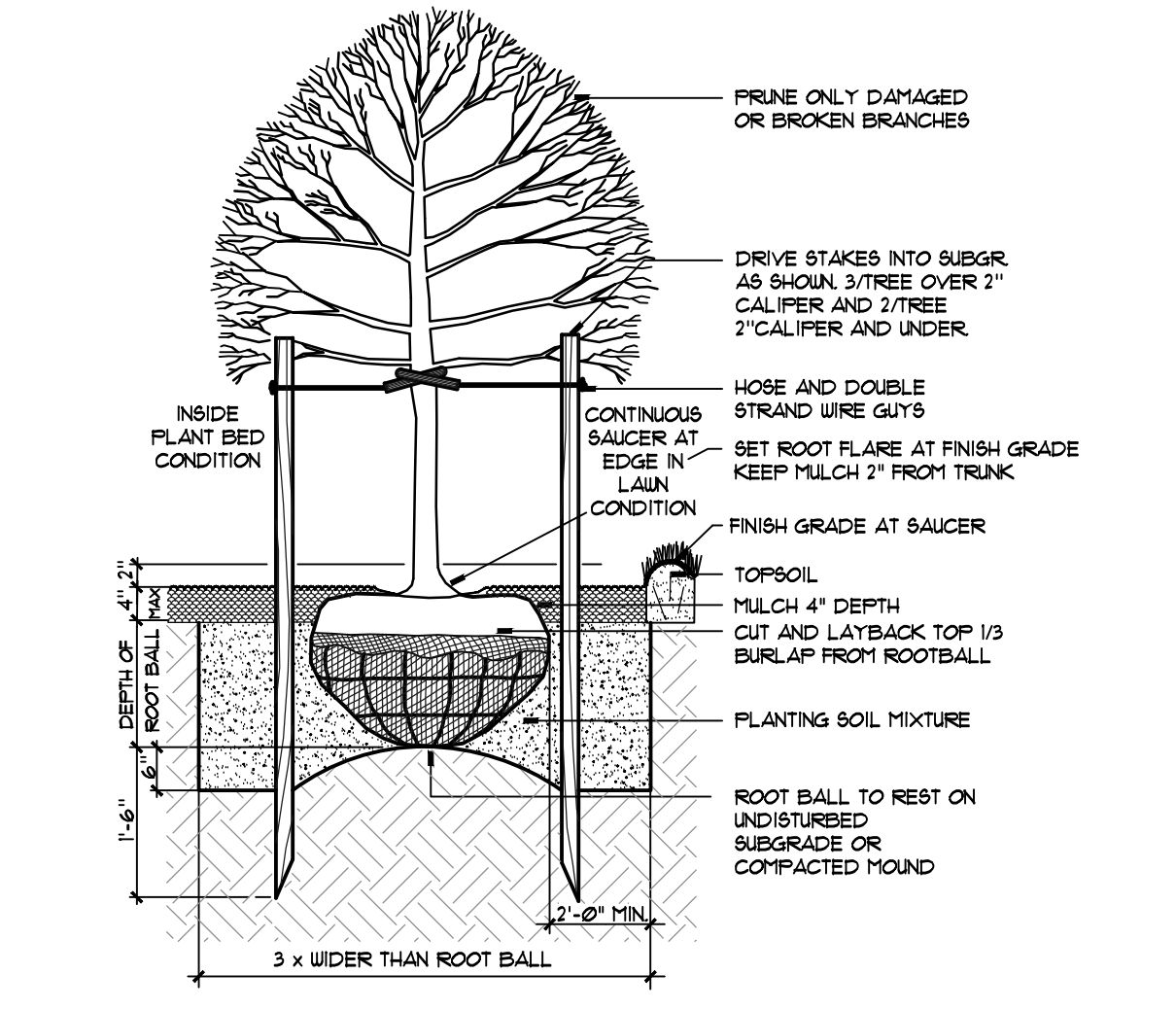
GROVER STREET  
N 86°03'59" E



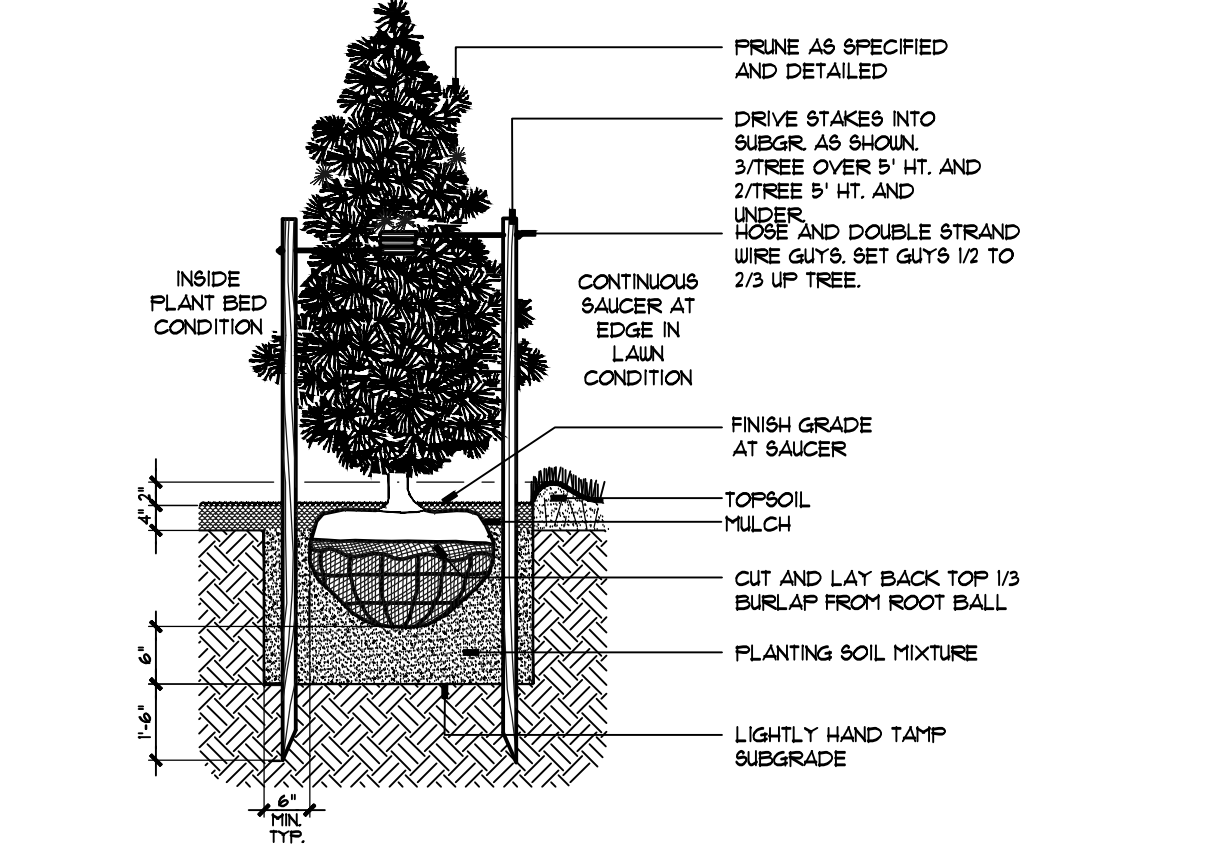




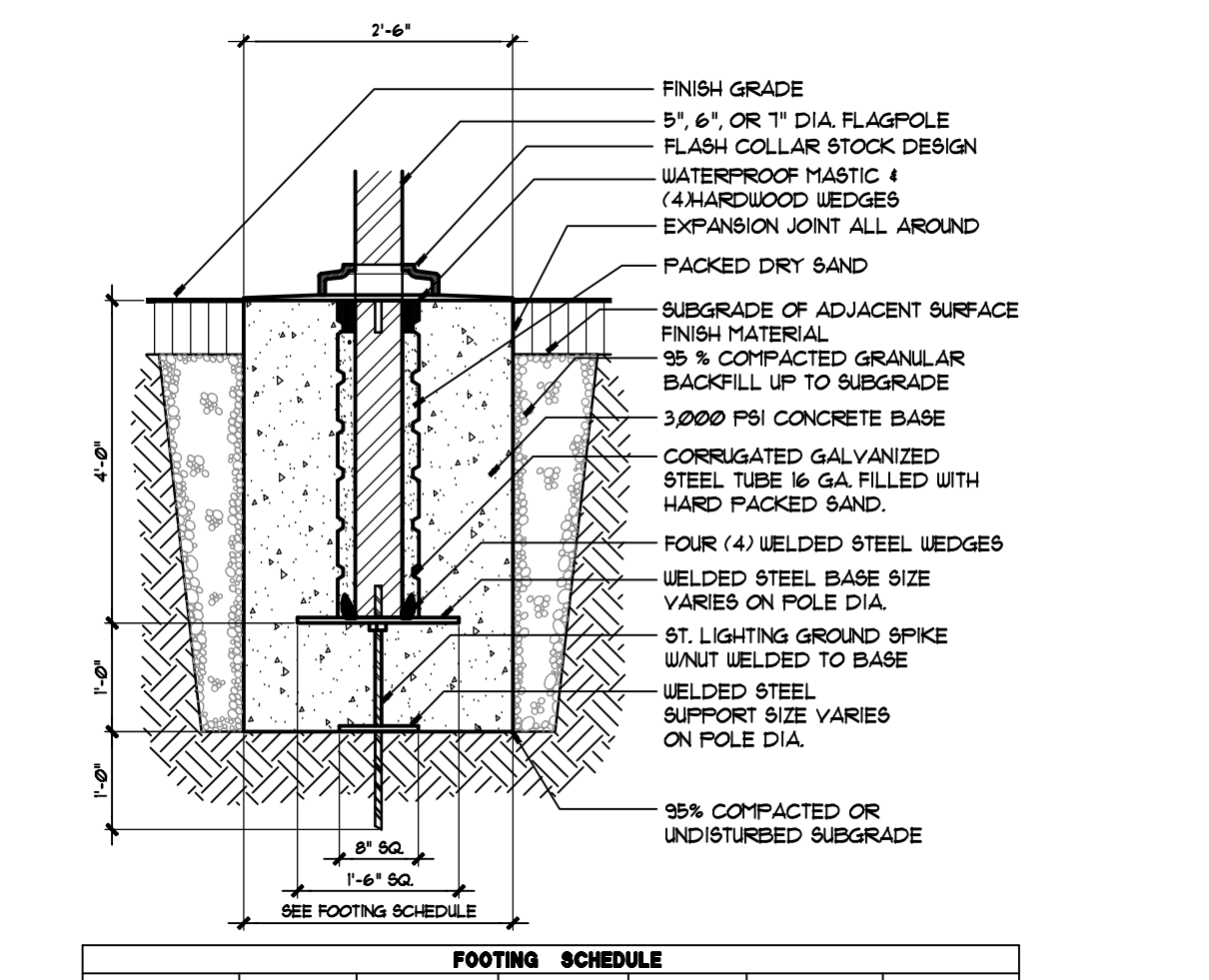
**20 DECIDUOUS TREE PLANTING - MULTI-STEM**  
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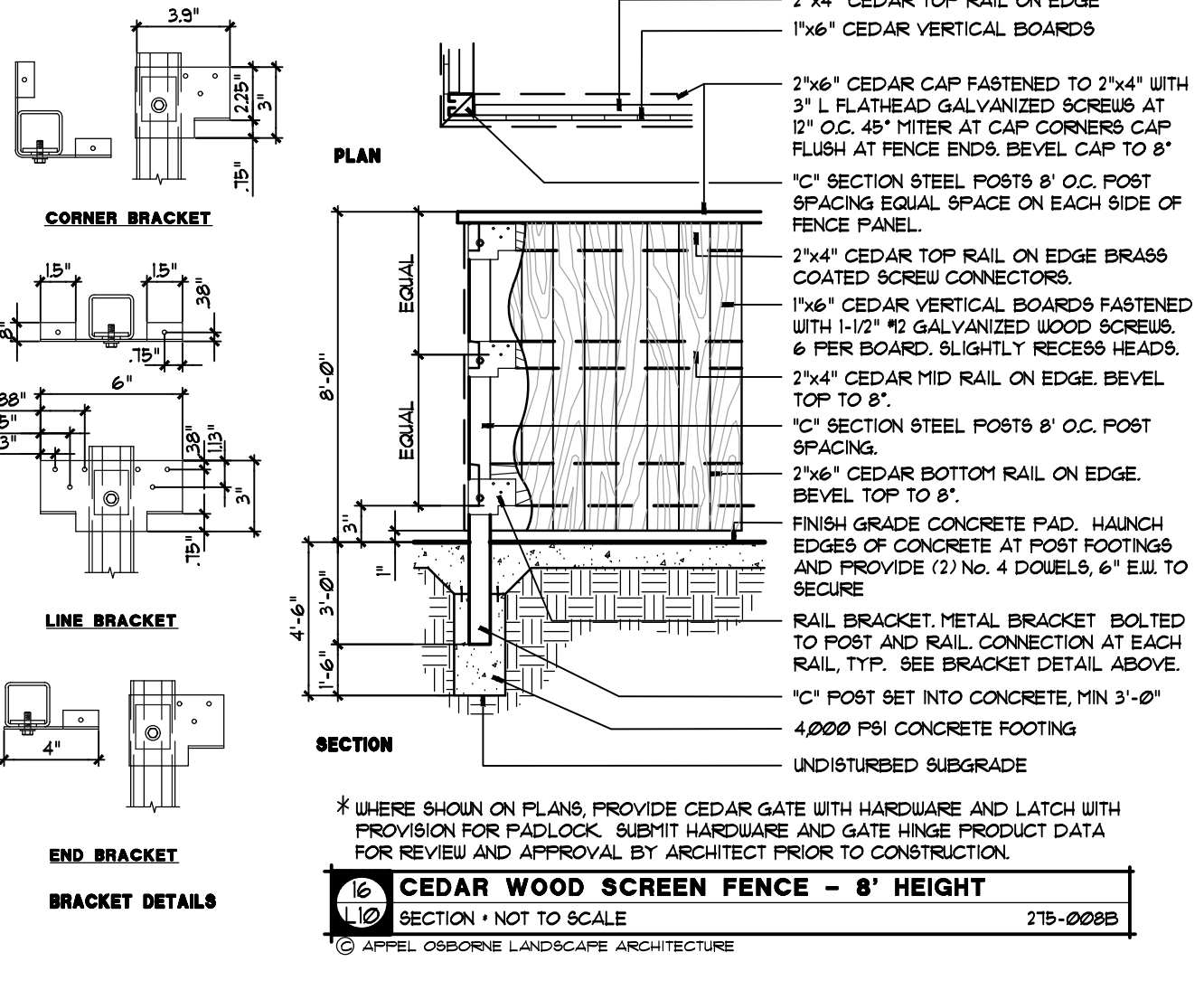
**21 DECIDUOUS TREE PLANTING - SINGLE STEM**  
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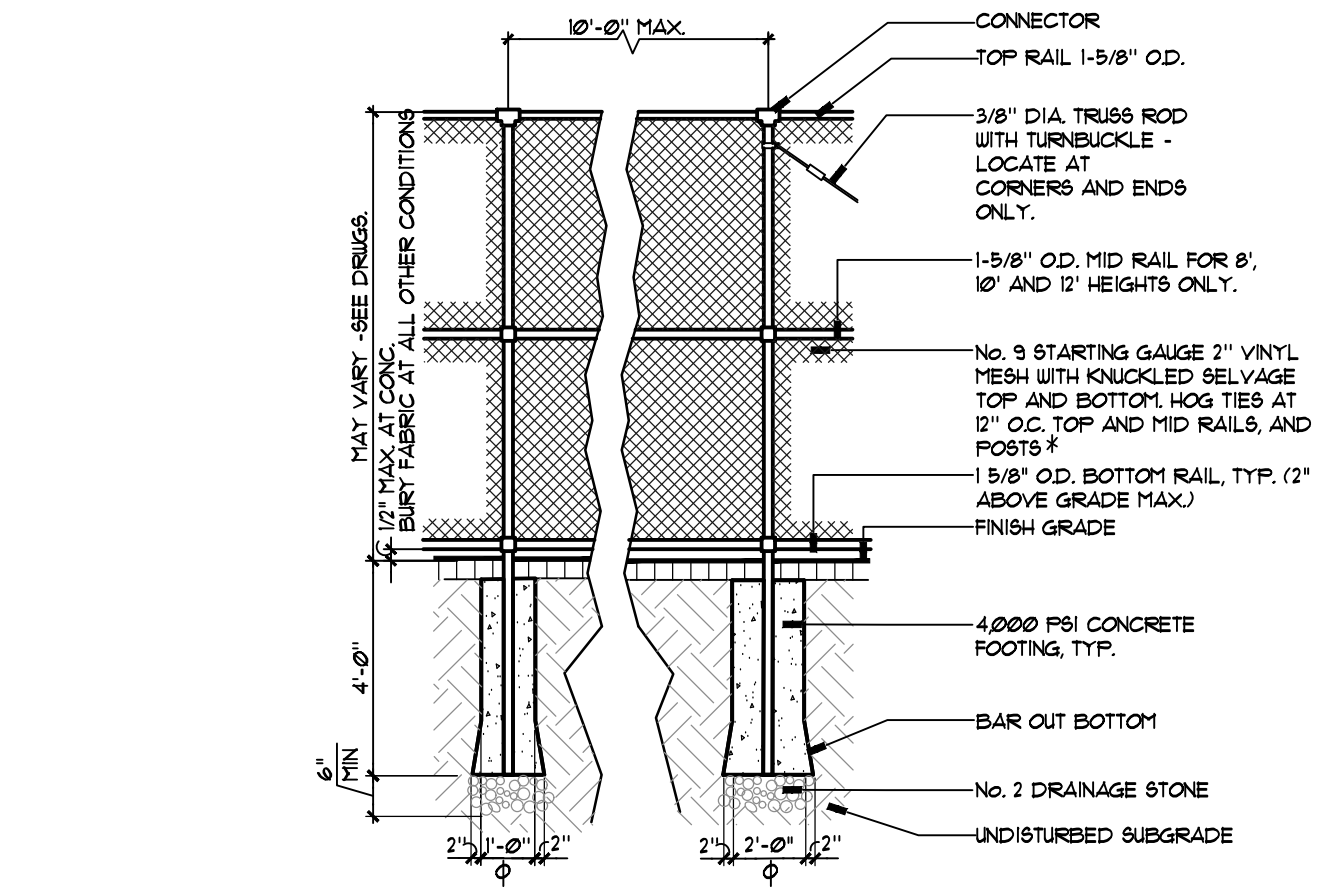
**22 EVERGREEN TREE PLANTING**  
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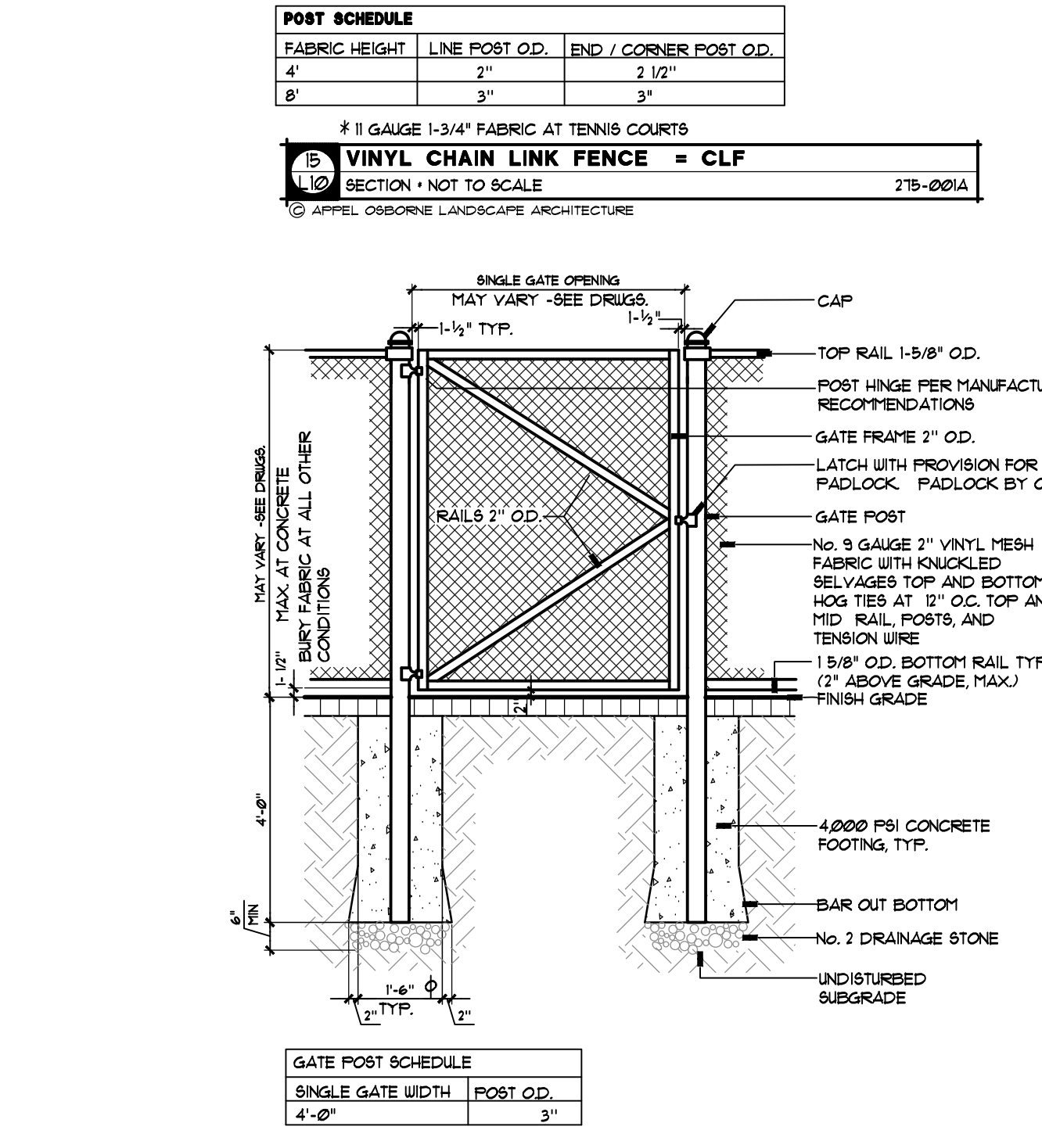
**23 FLAGPOLE BASE**  
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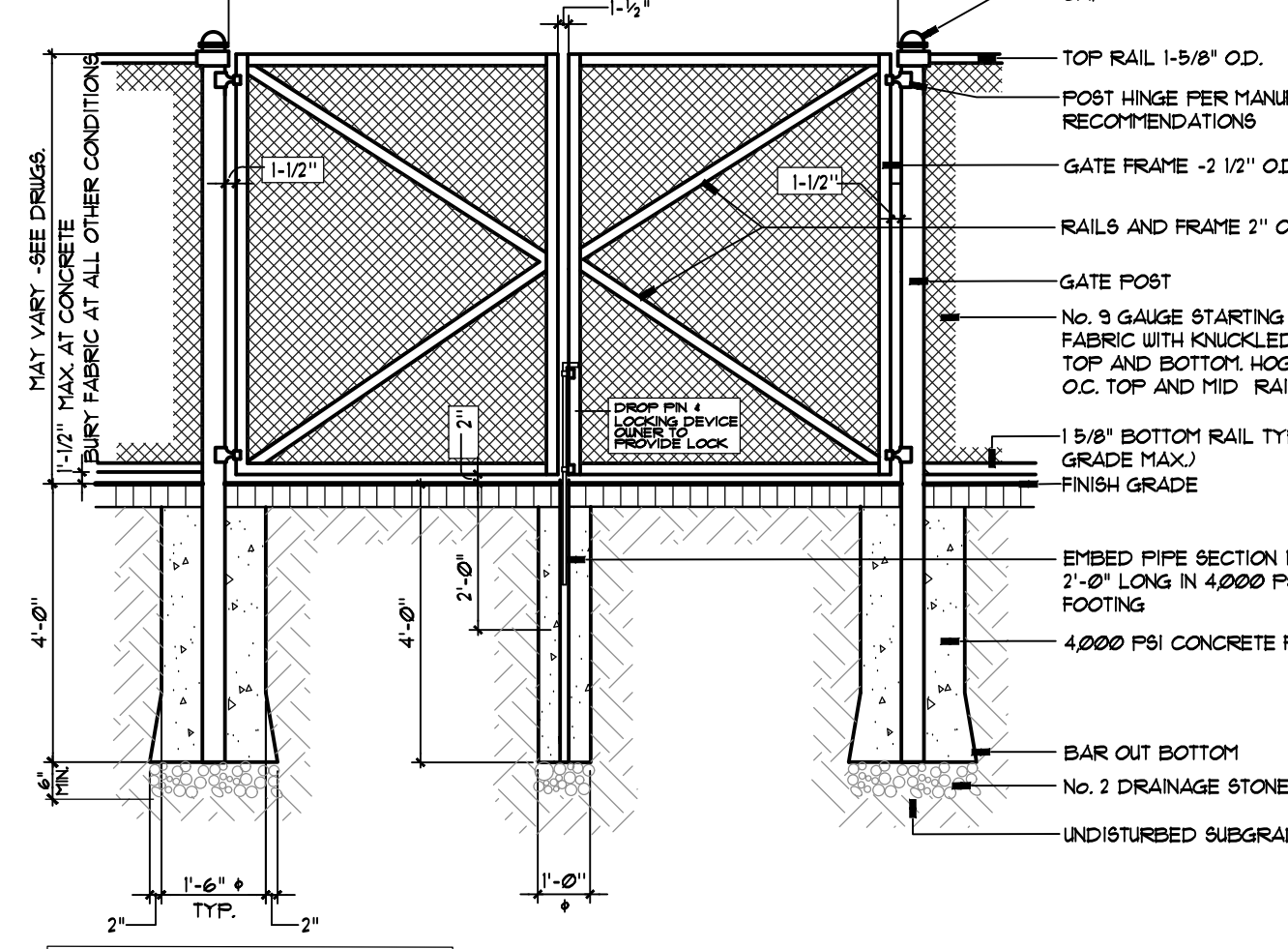
**24 CEDAR WOOD SCREEN FENCE - 8' HEIGHT**  
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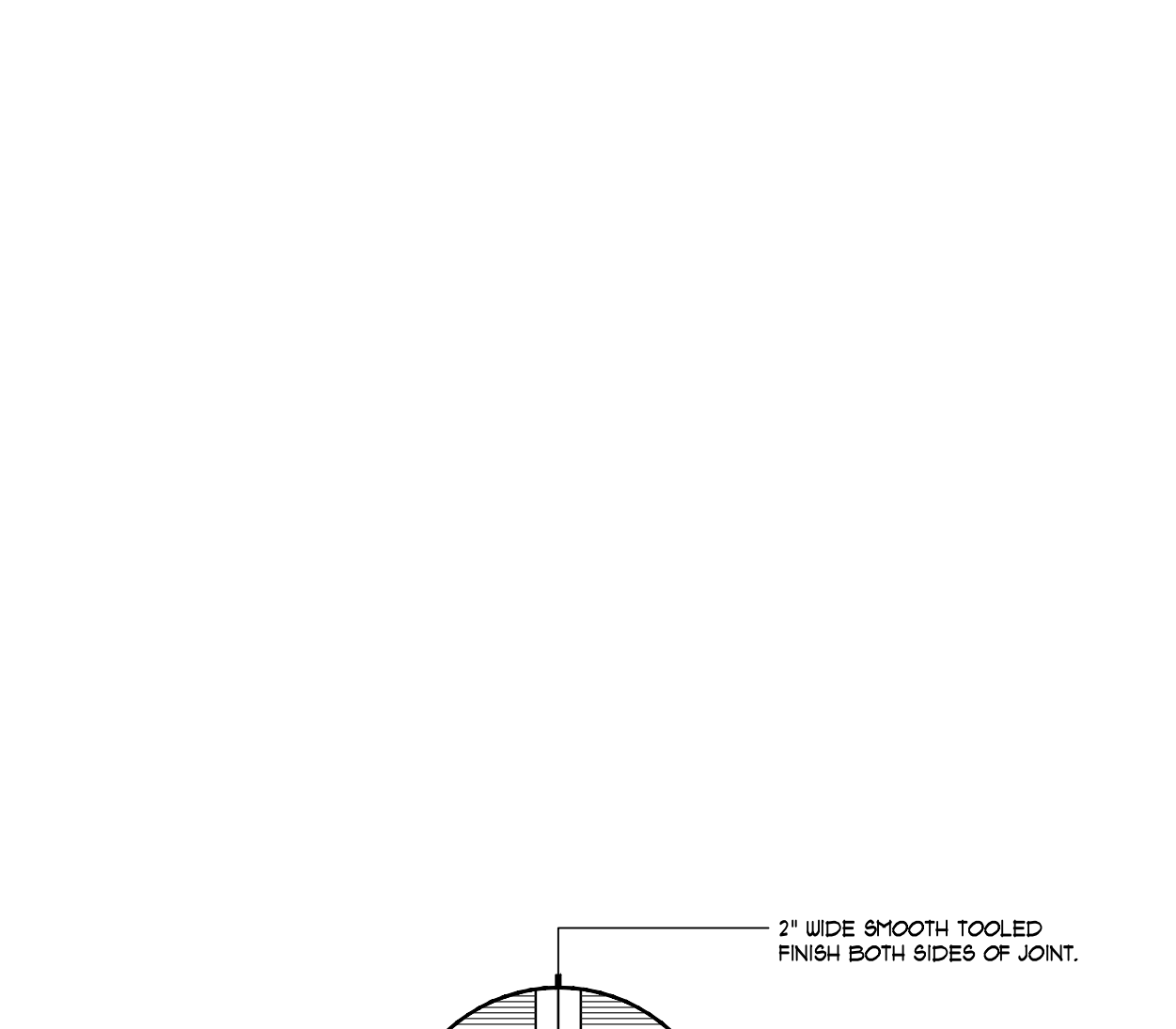
**25 VINYL CHAIN LINK FENCE - CLF**  
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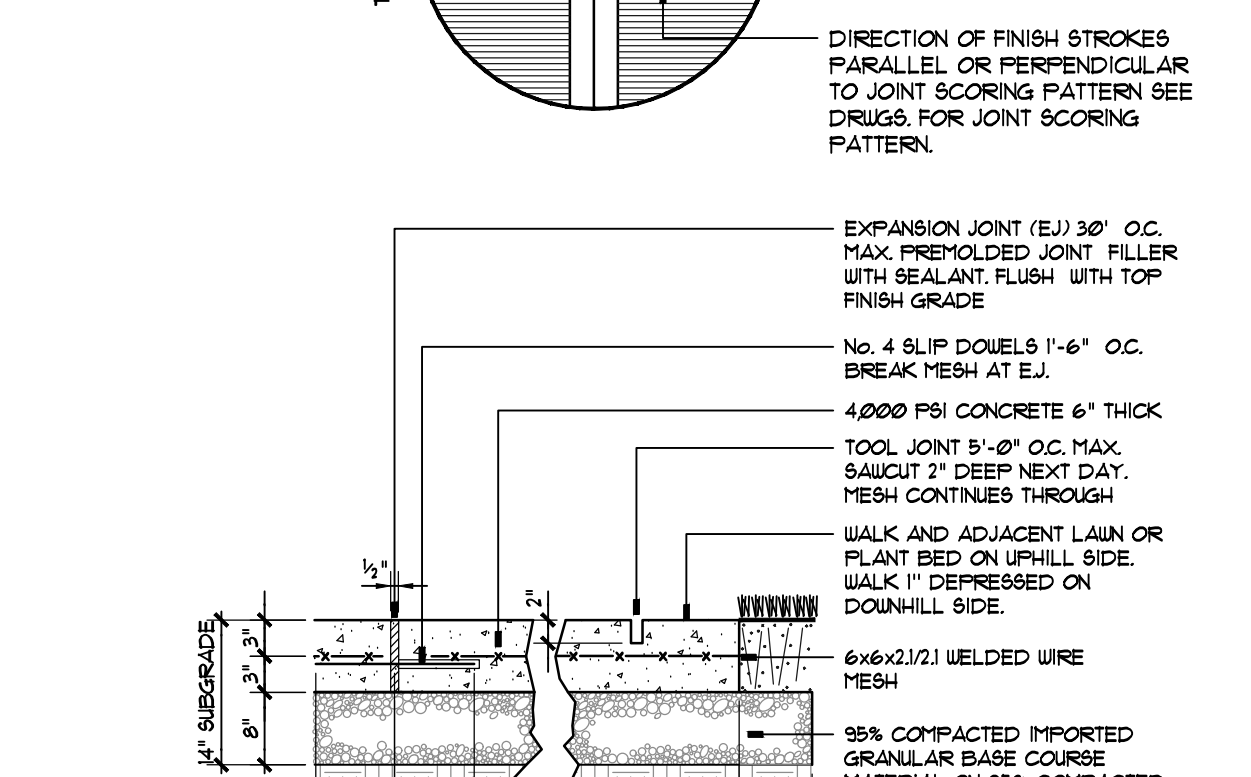
**26 VINYL CHAIN LINK FENCE GATE - SINGLE WIDTH**  
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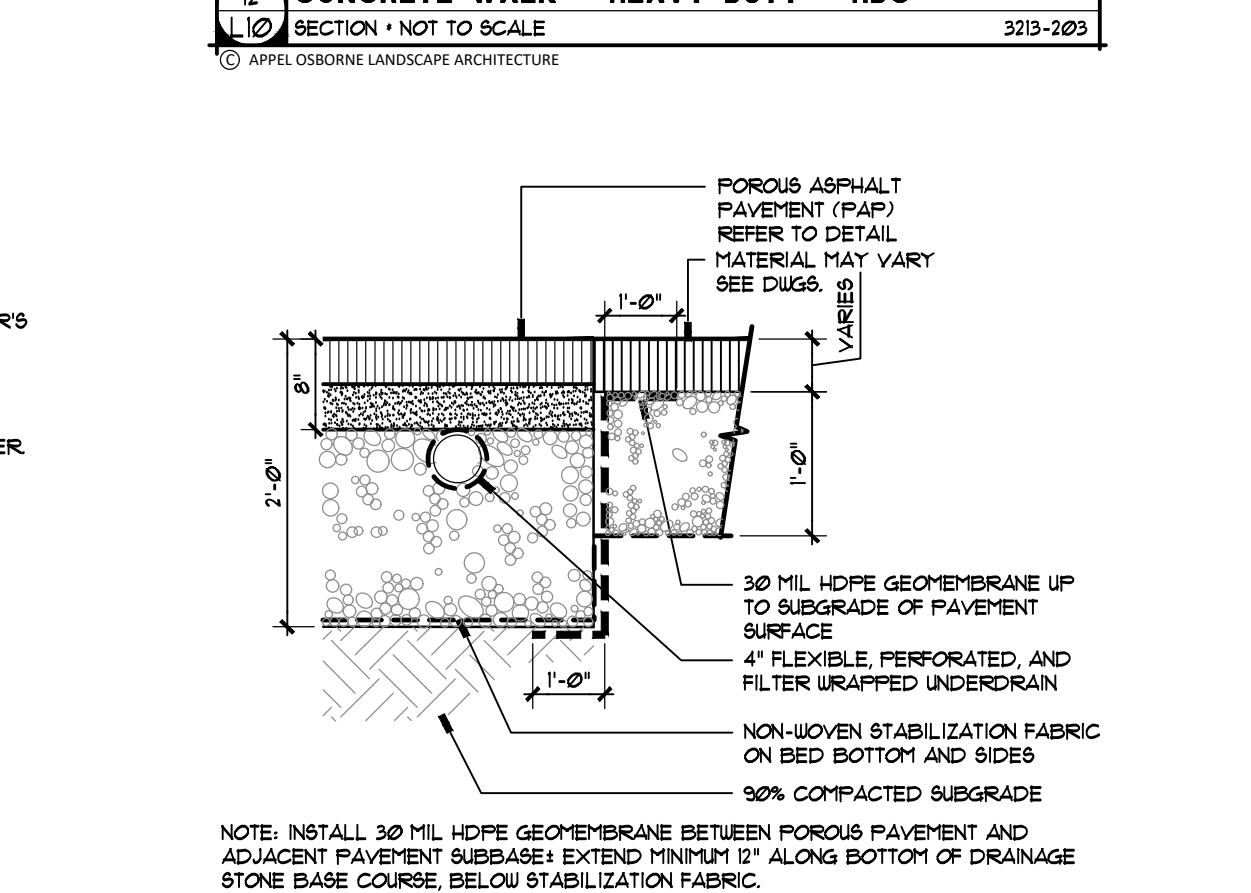
**27 BLACK VINYL CHAIN LINK FENCE GATE - DOUBLE WIDTH**  
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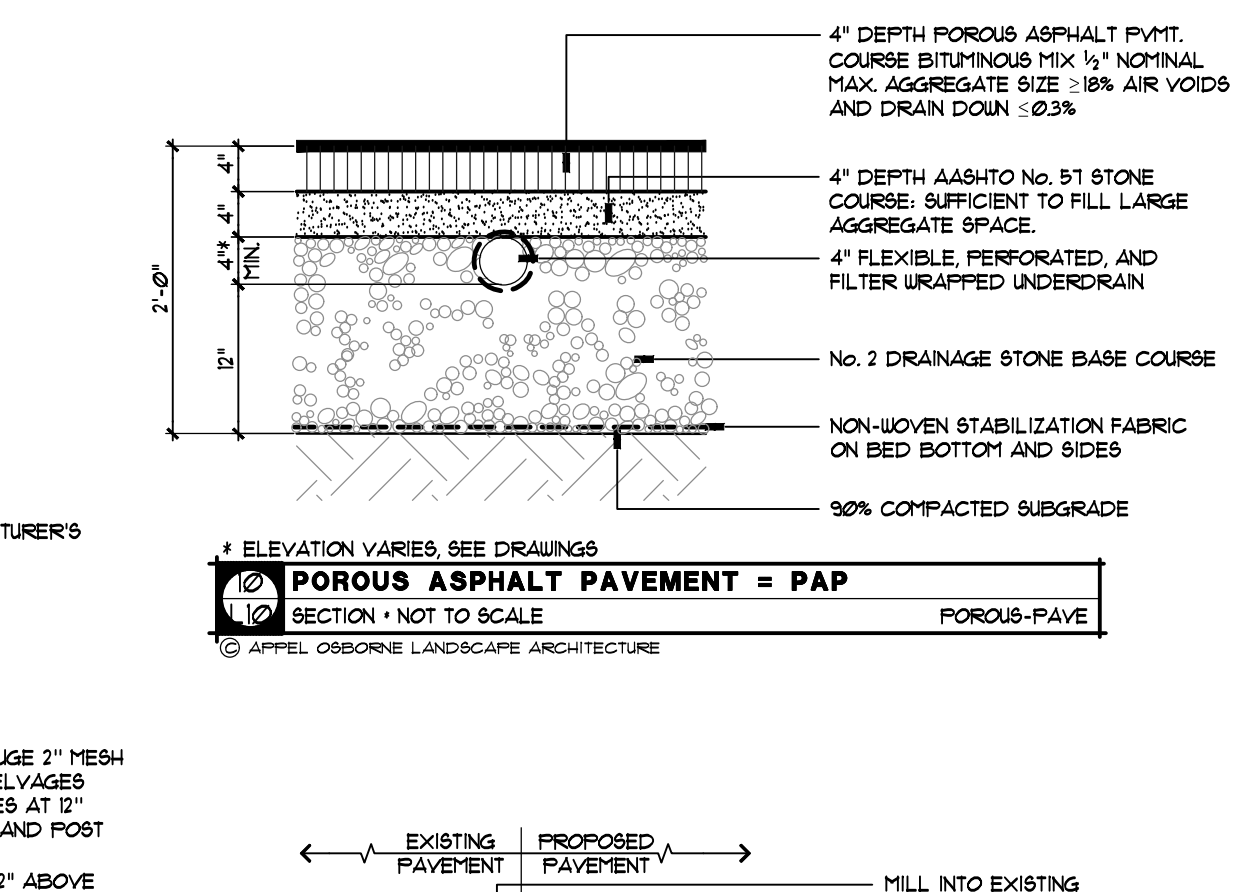
**28 CONCRETE WALK - HEAVY DUTY = HDC**  
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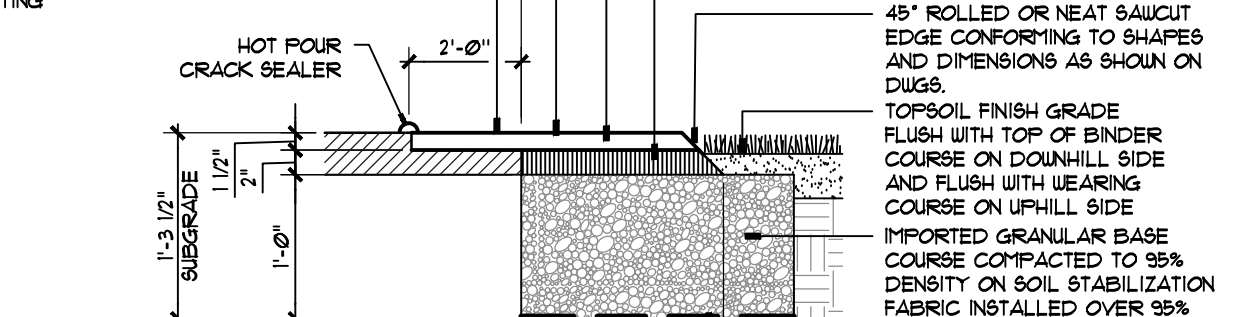
**29 WATERSTOP AT POROUS & STANDARD PAVEMENT**  
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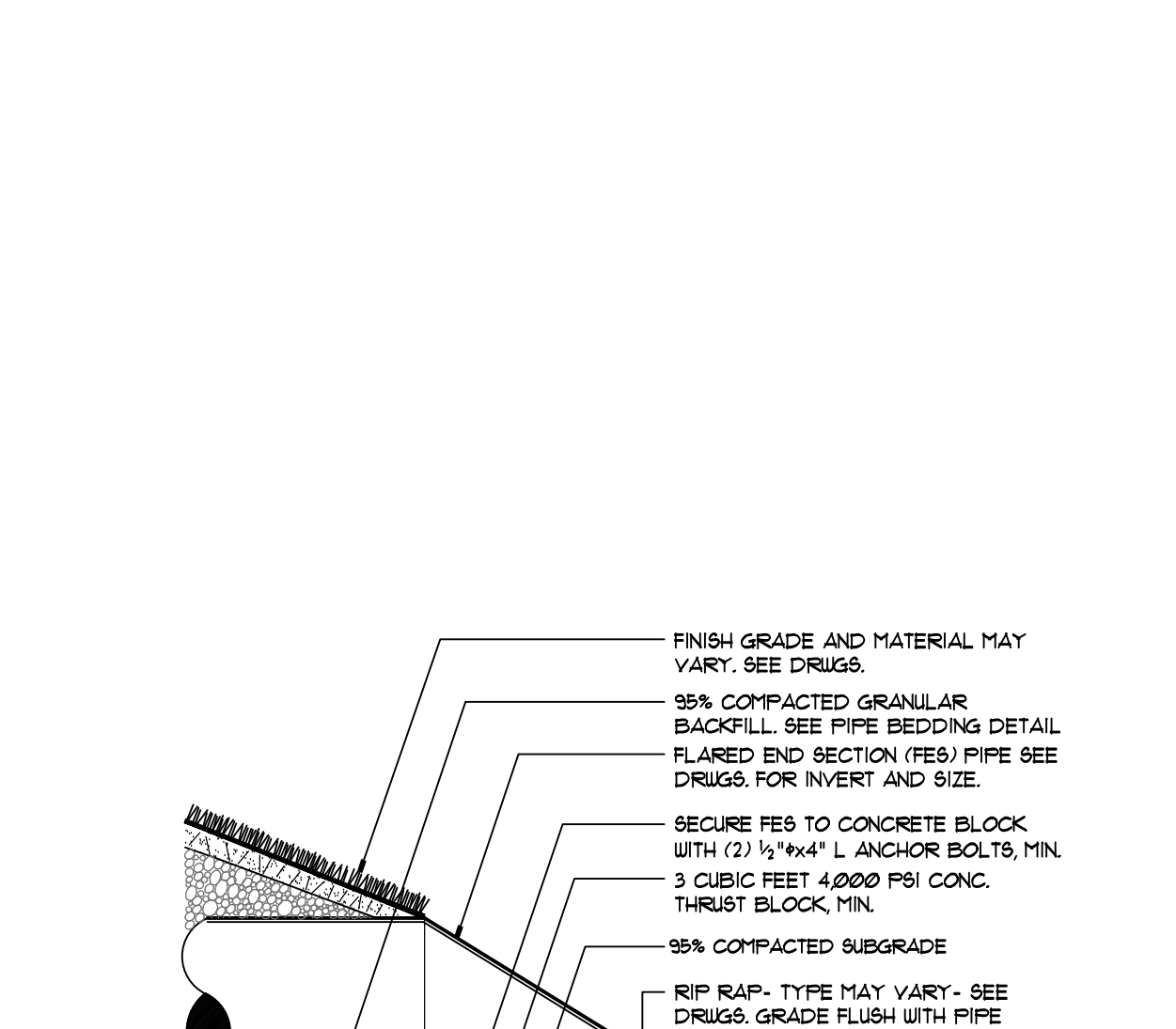
**30 POROUS ASPHALT PAVEMENT = PAP**  
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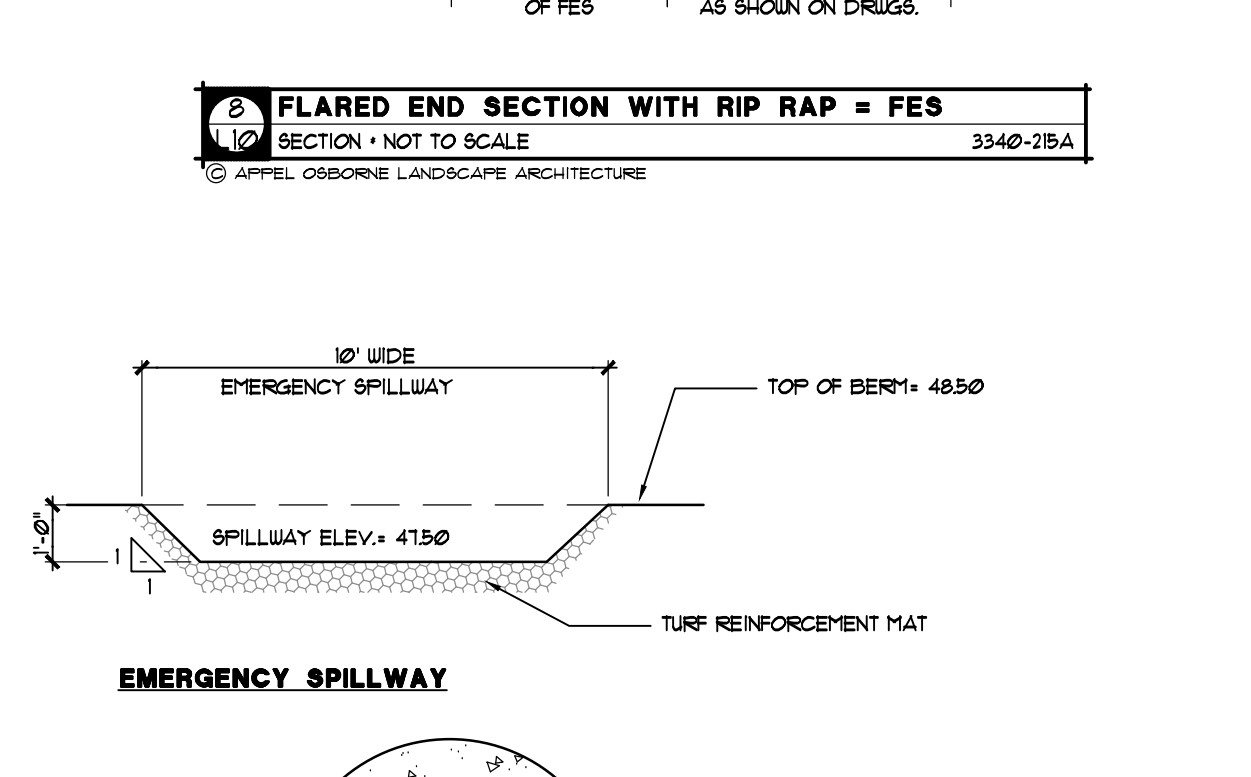
**31 MEDIUM DUTY ASPHALT PAVEMENT = MDA**  
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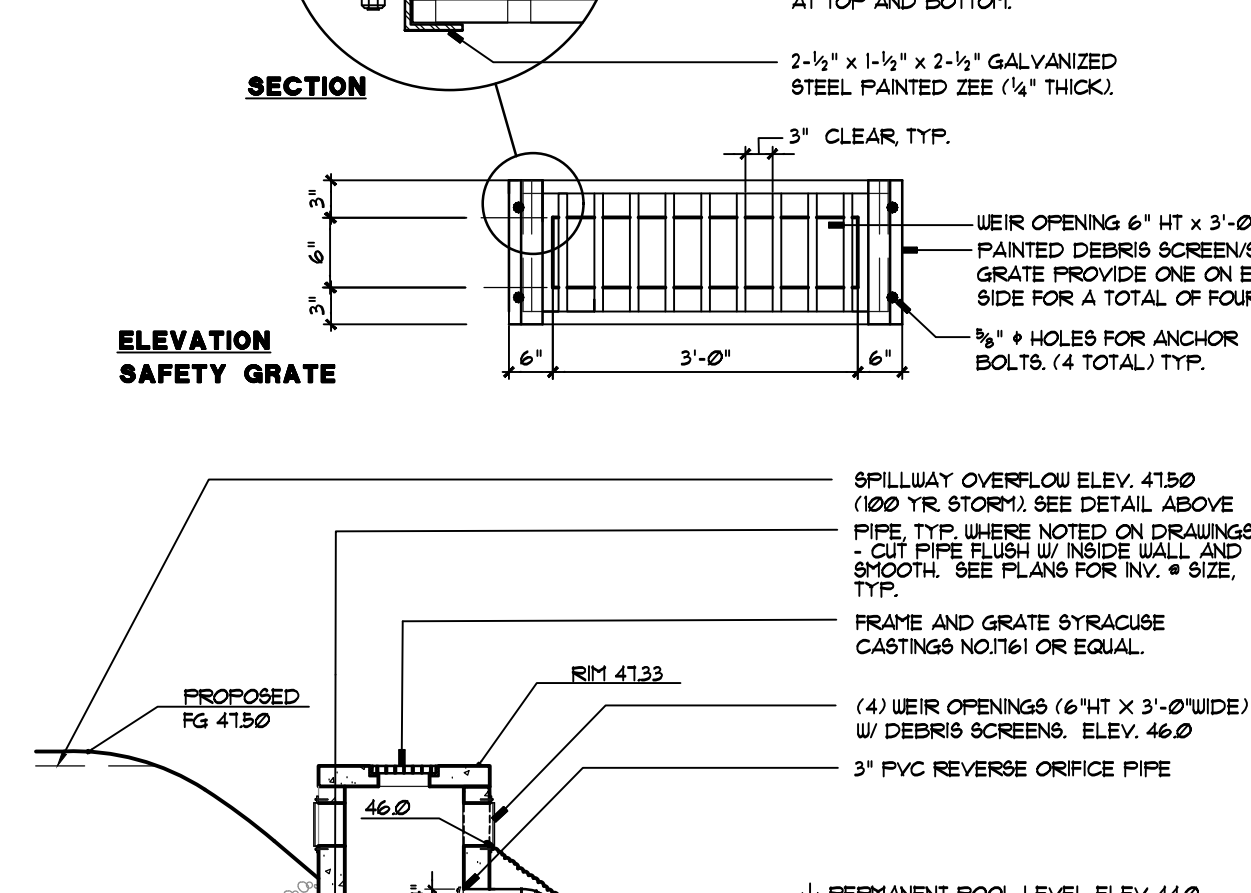
**32 DRYWELL = DW**  
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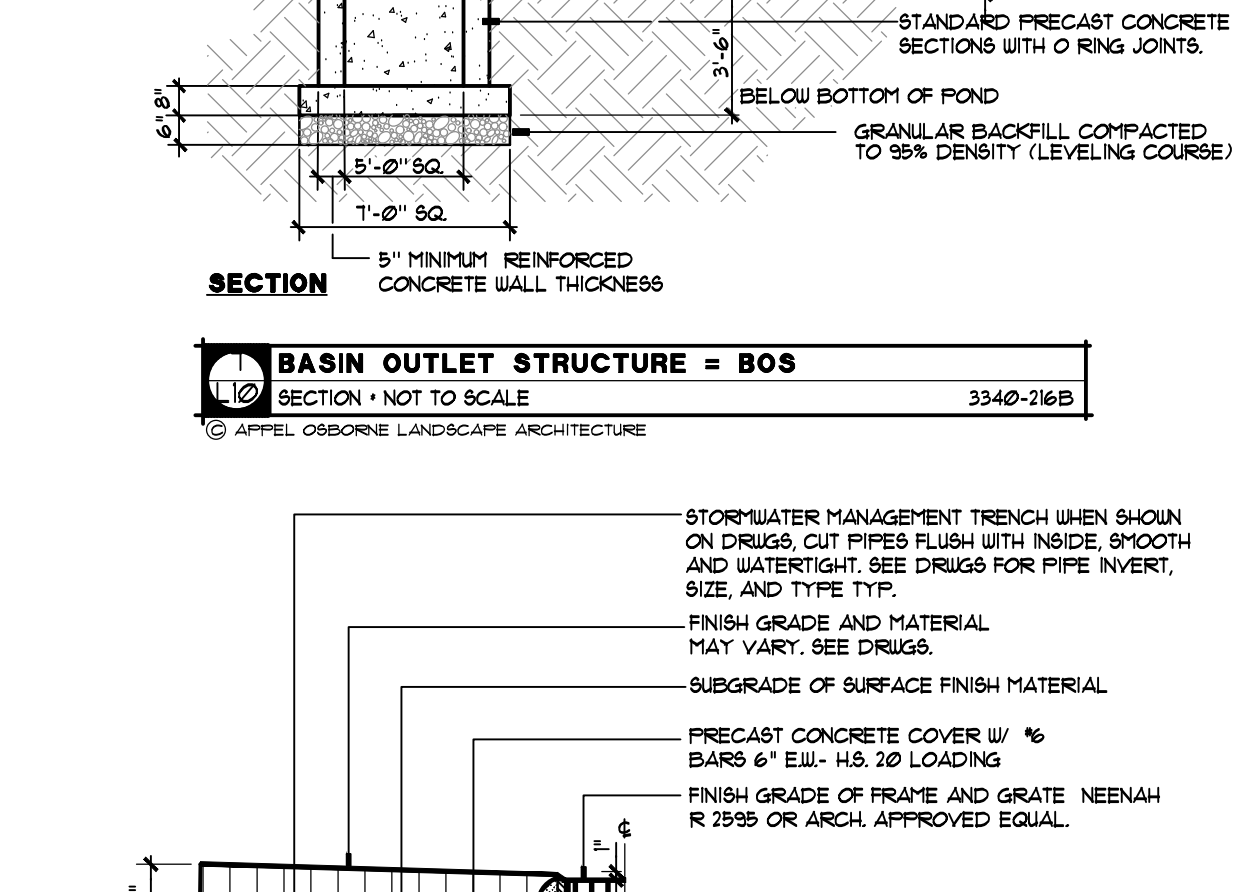
**33 FLARED END SECTION WITH RIP RAP = FES**  
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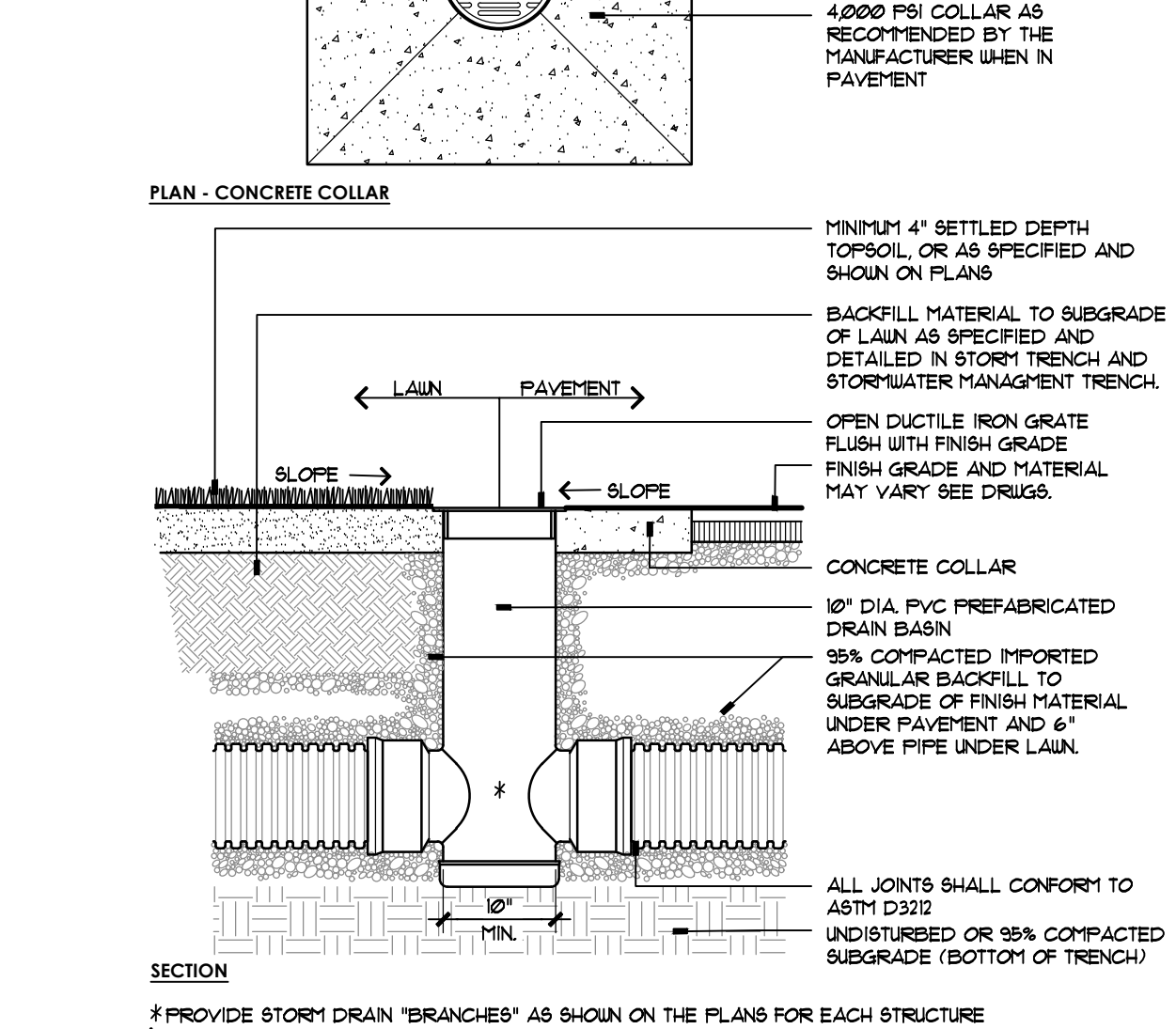
**34 EMERGENCY SPILLWAY**  
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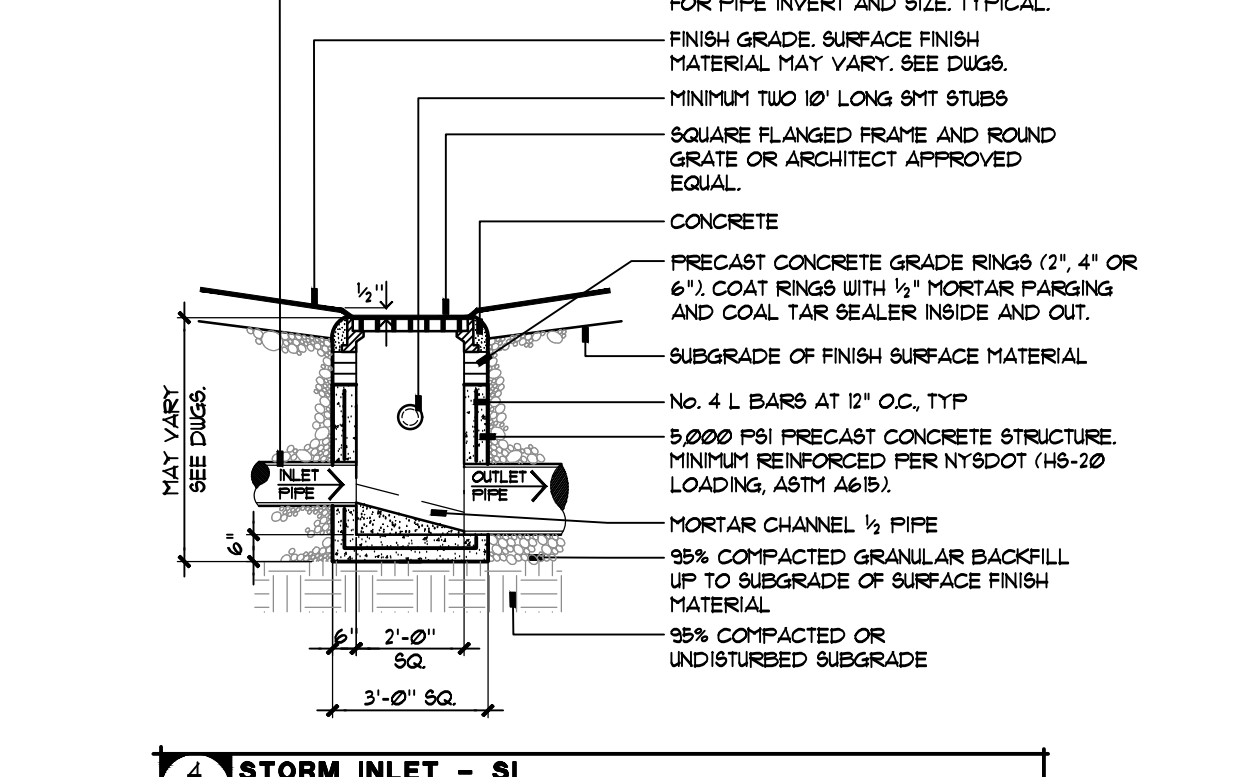
**35 BASIN OUTLET STRUCTURE = BOS**  
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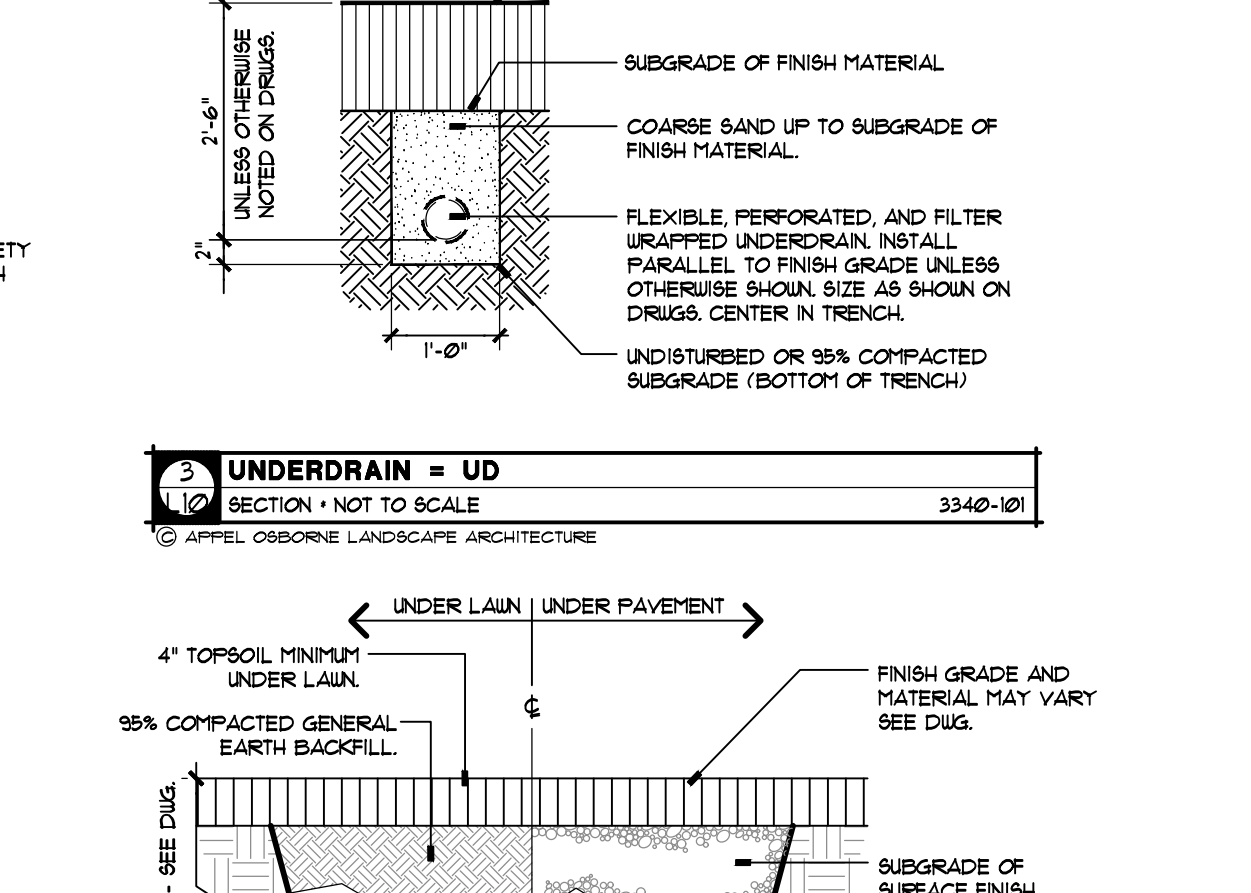
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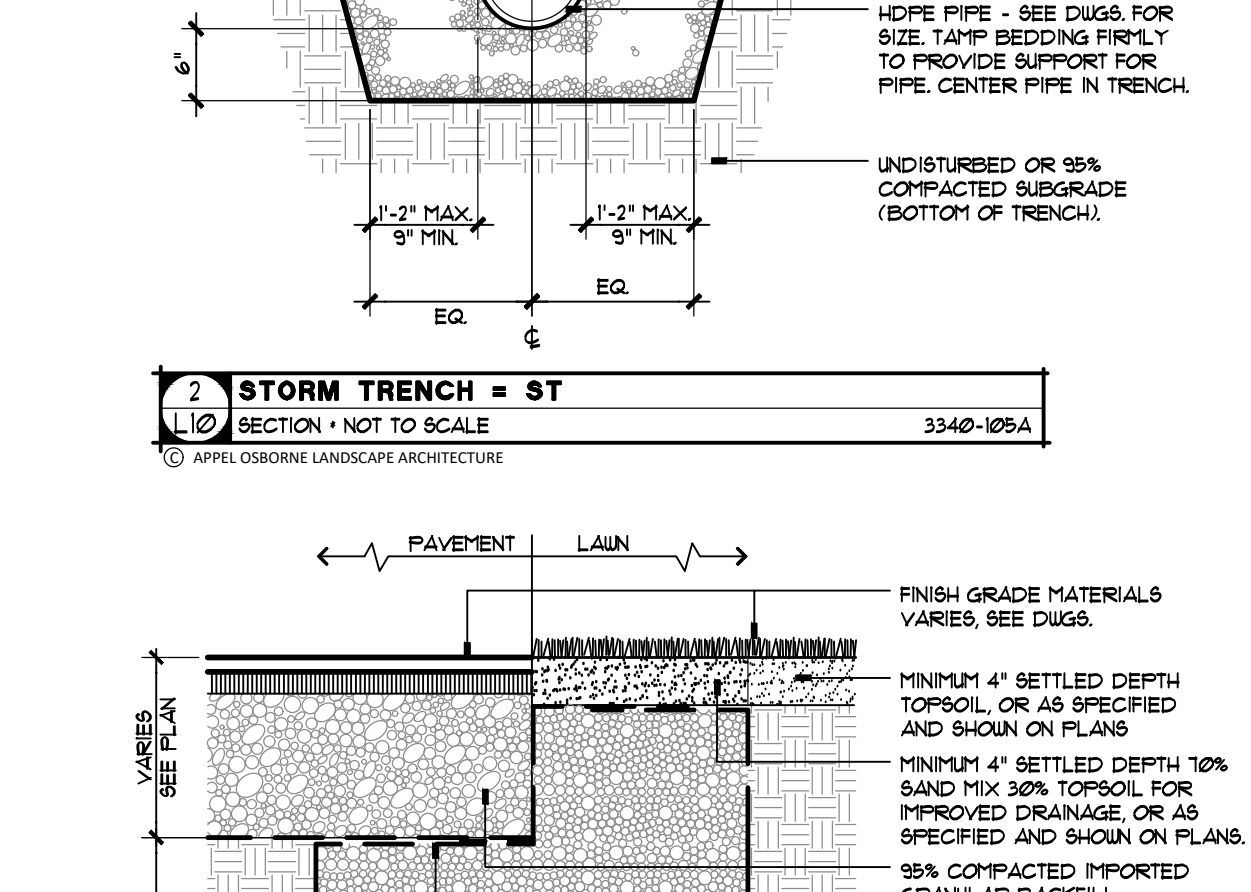
**37 STORM INLET = SI**  
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**38 UNDERDRAIN = UD**  
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**39 STORM TRENCH = ST**  
SECTION - NOT TO SCALE 3340-005A  
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**40 STORMWATER MGMT TRENCH = SMT**  
SECTION - NOT TO SCALE 3340-002  
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PIPE SIZE	A	B	NOTES	PIPE SIZE	A	B	NOTES
4"	6"	10"	FLEXIBLE	6"	10"	14"	FLEXIBLE
6"	10"	14"	FLEXIBLE	8"	14"	18"	FLEXIBLE
8"	14"	18"	FLEXIBLE				

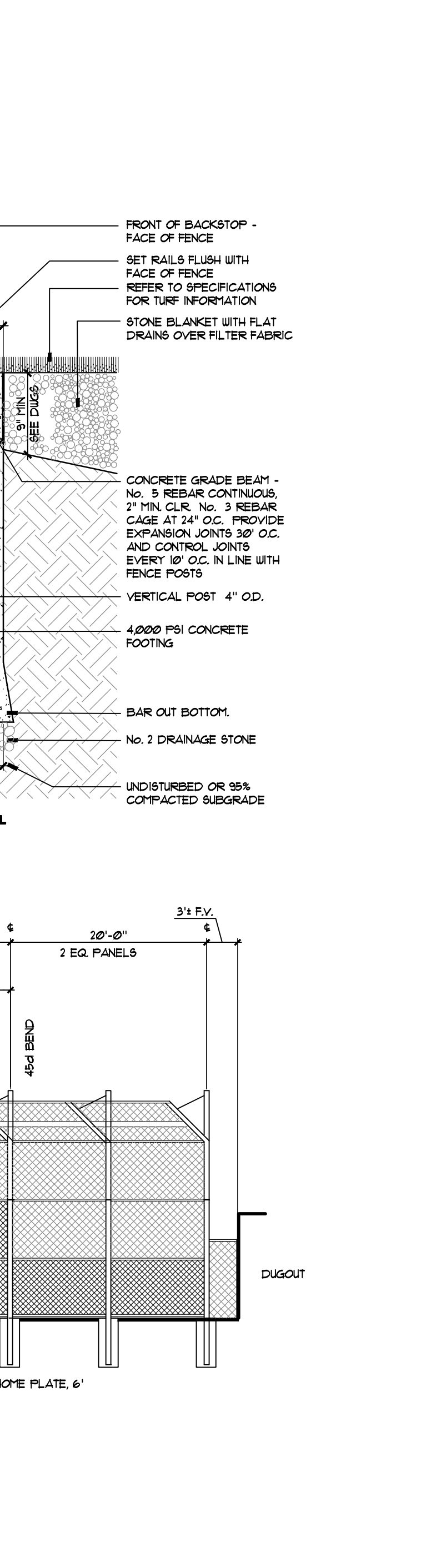
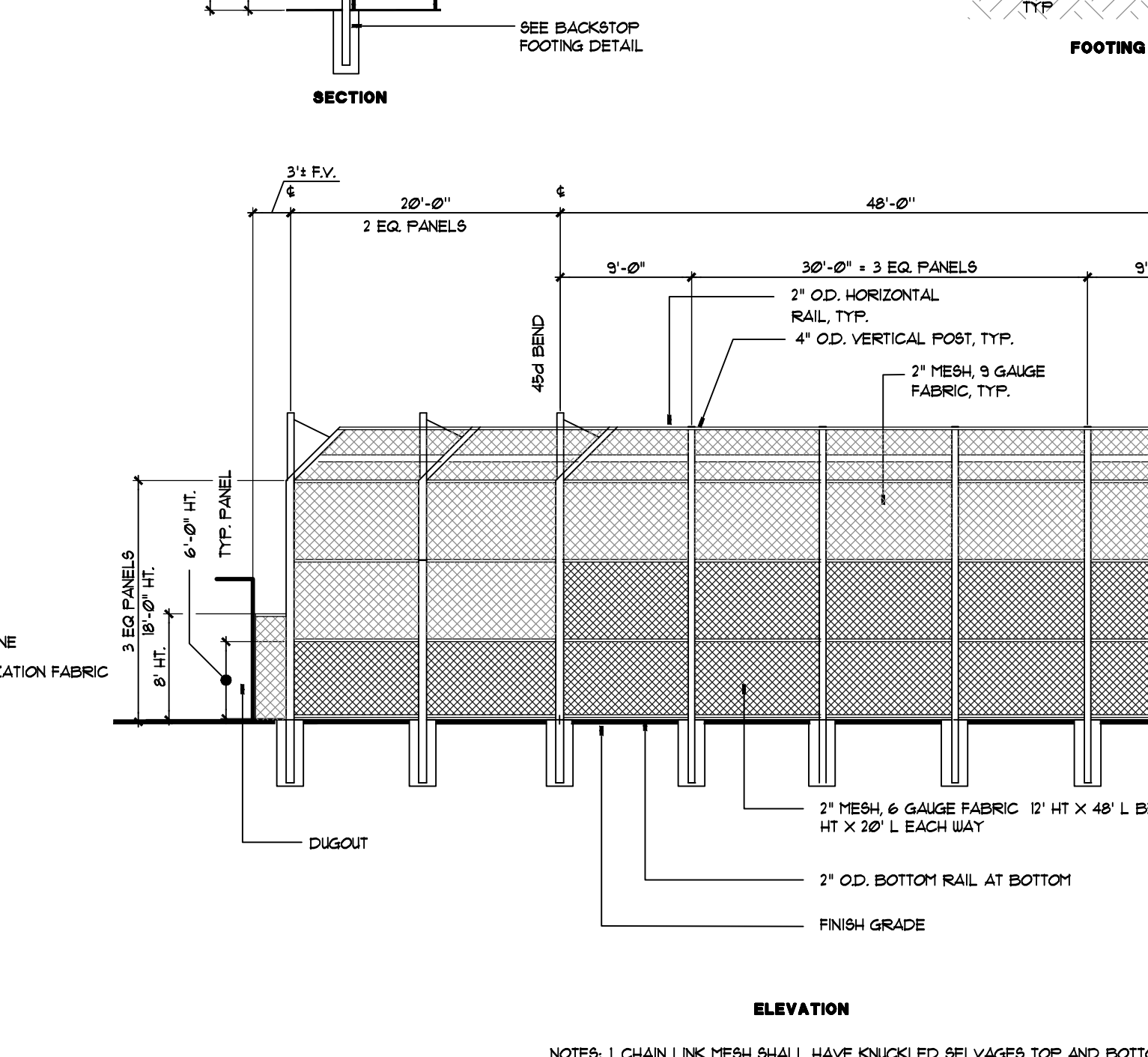
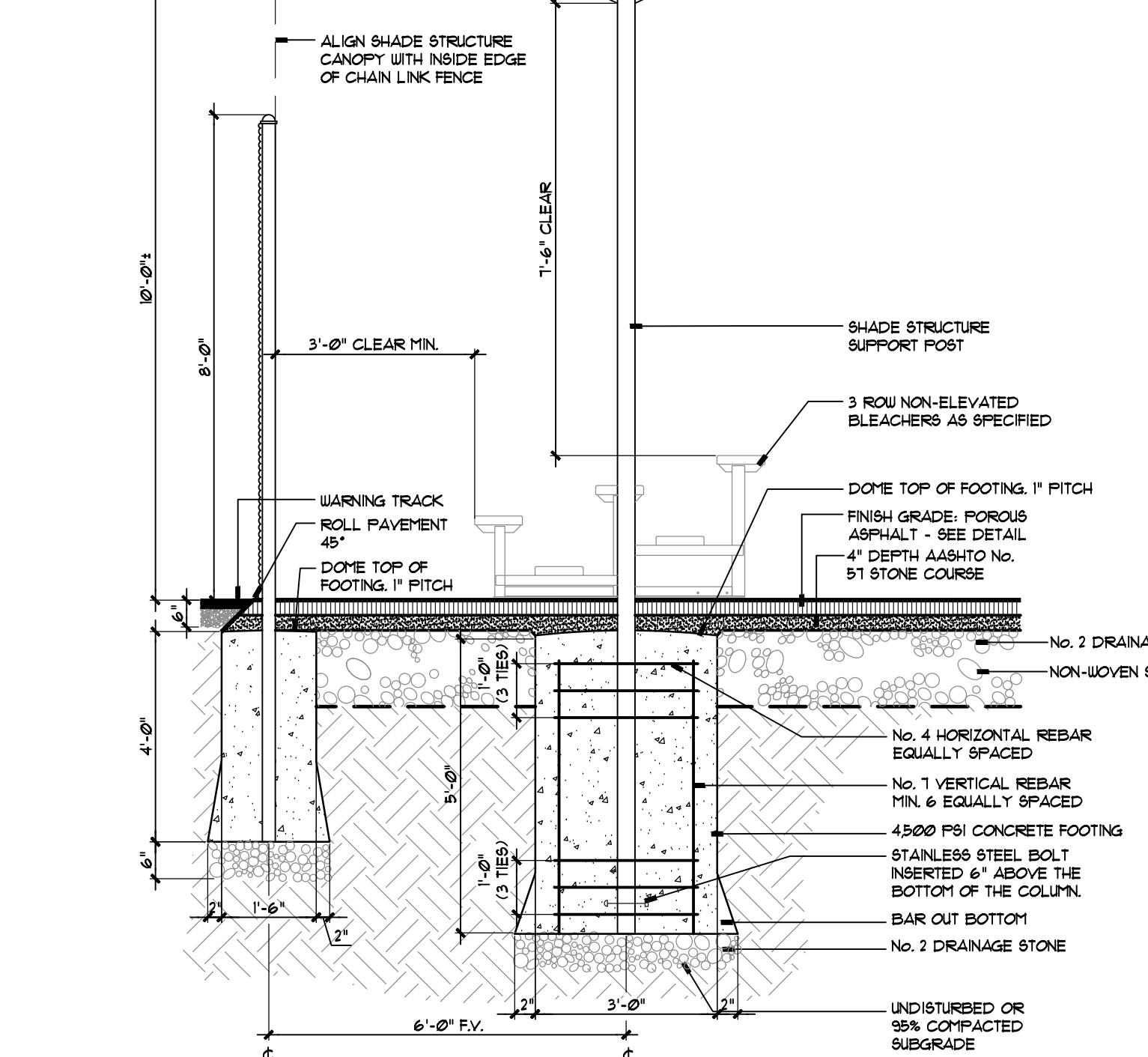
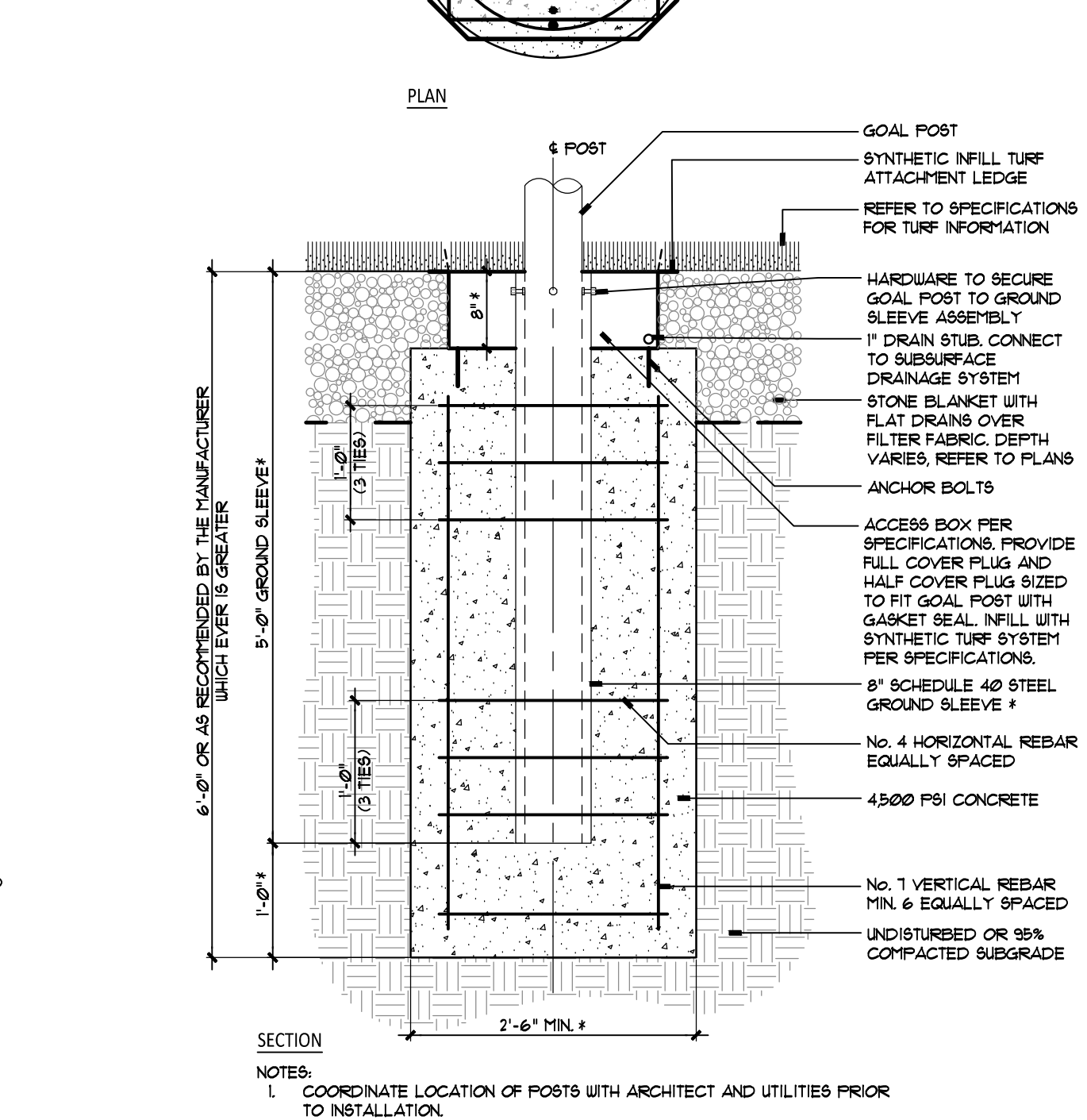
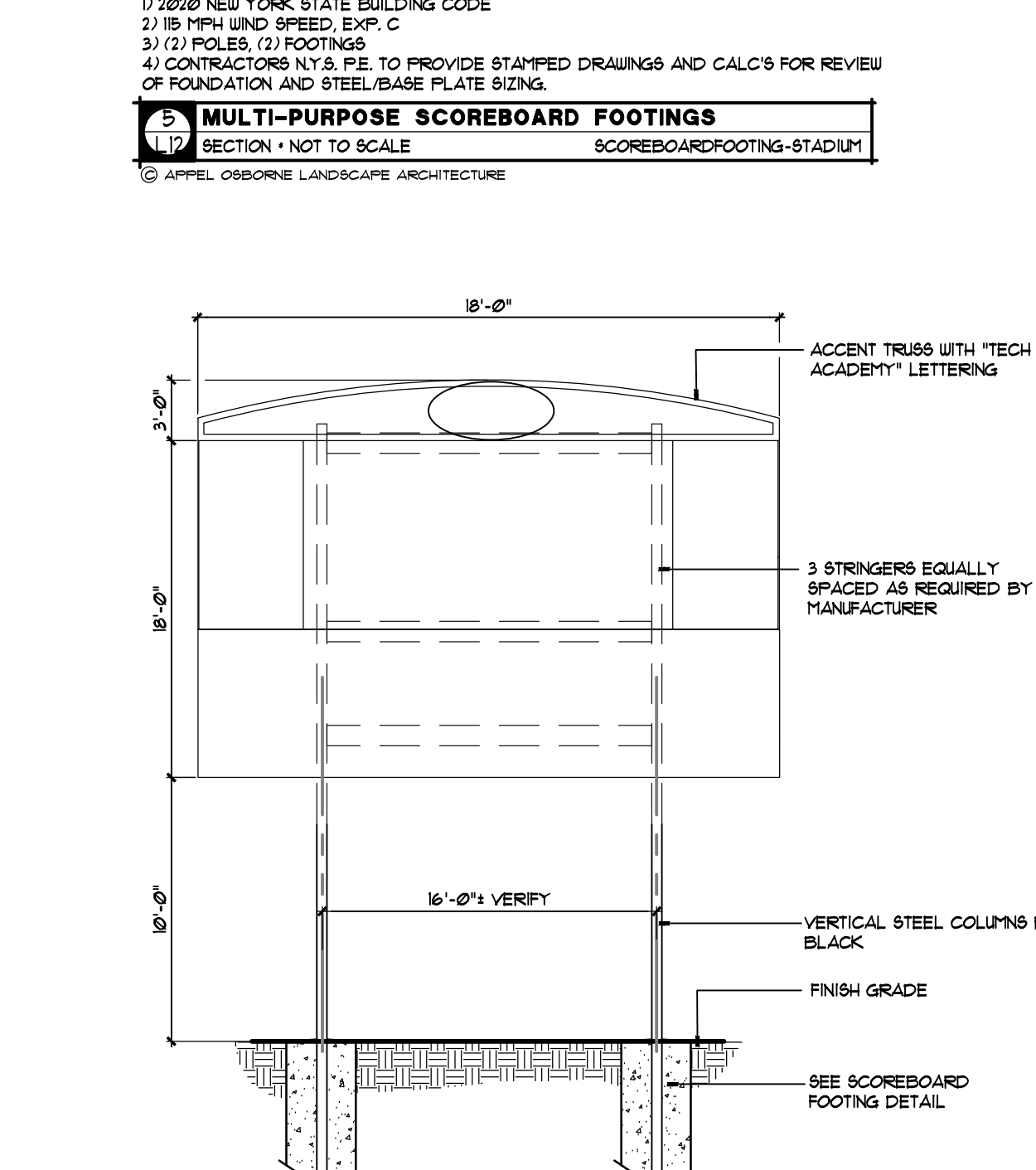
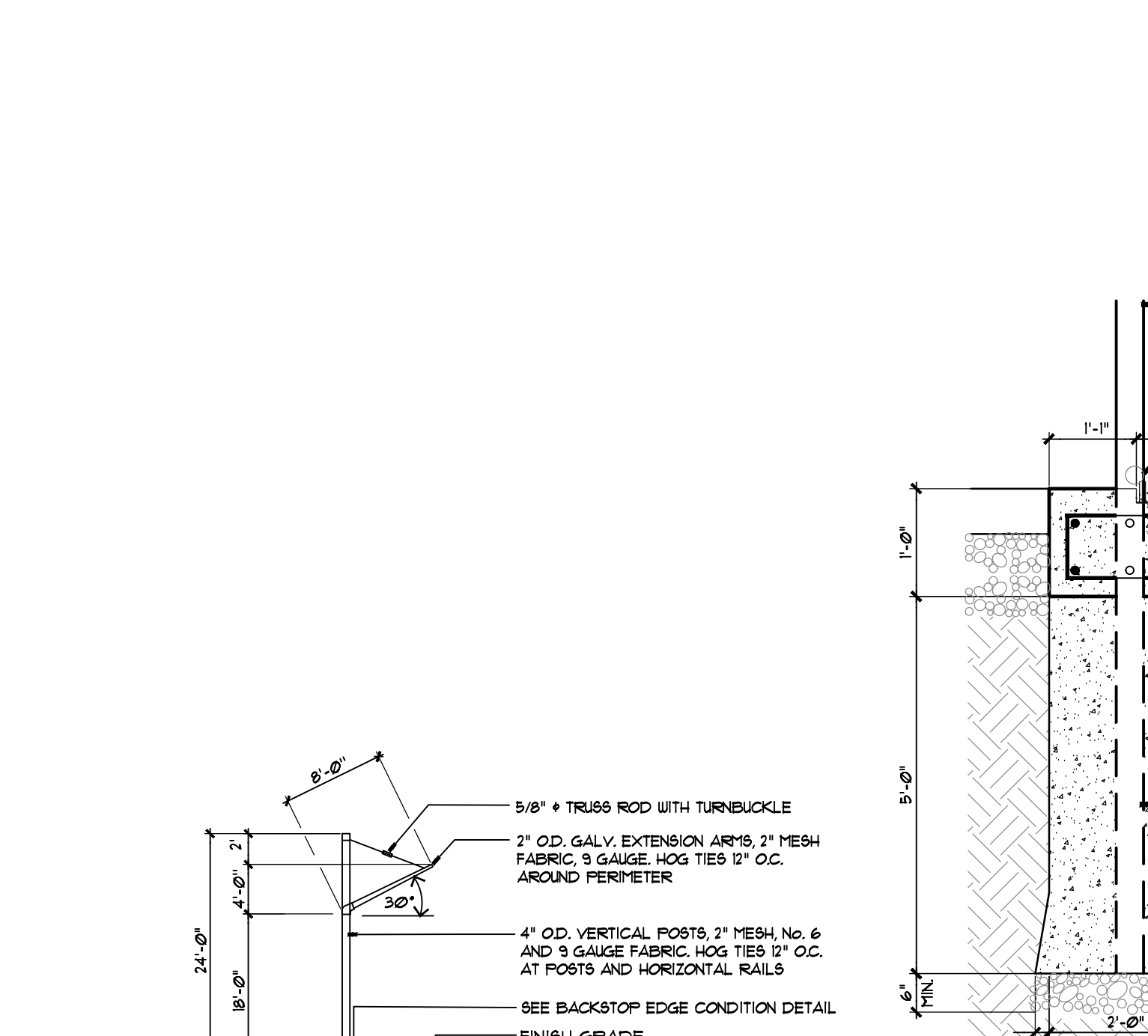
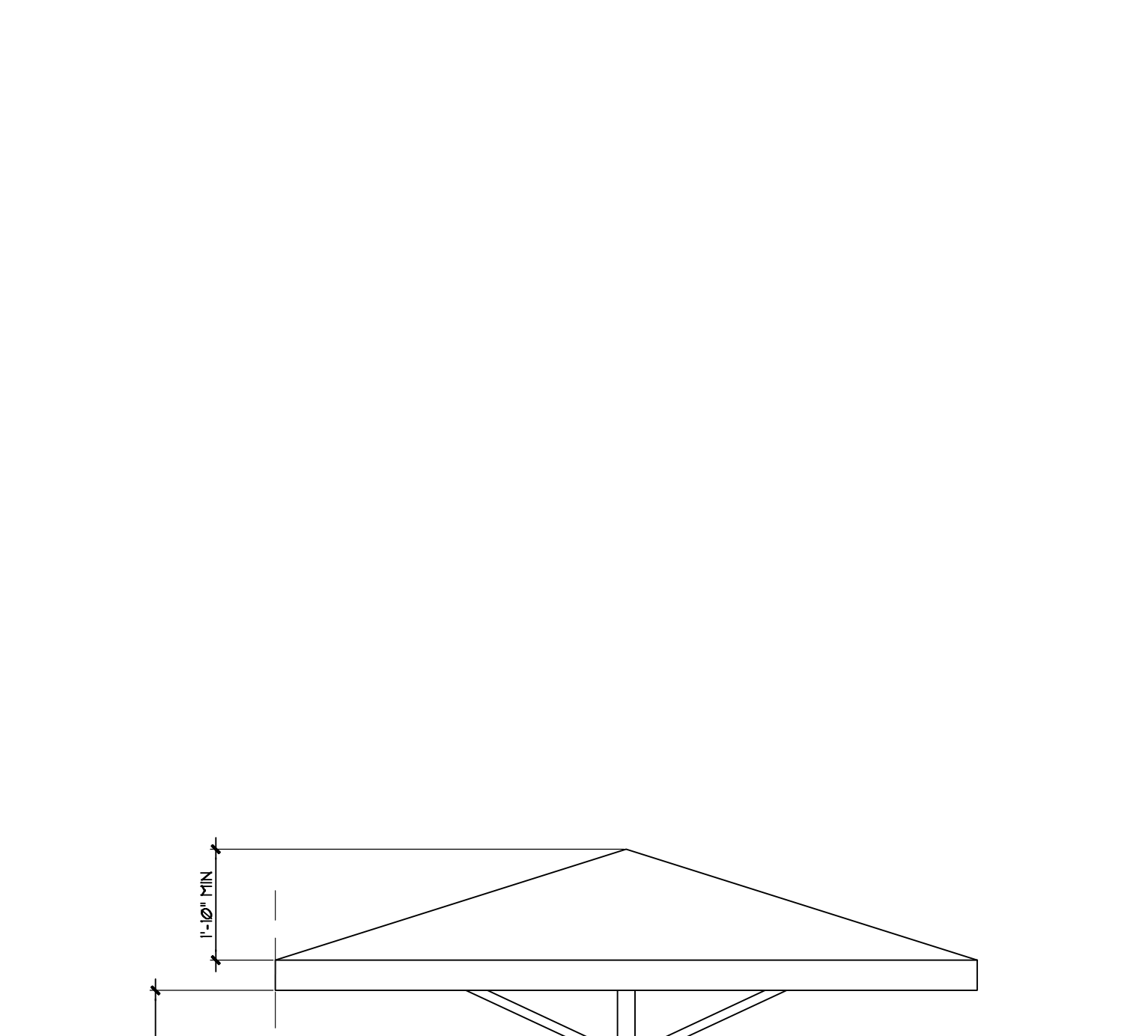
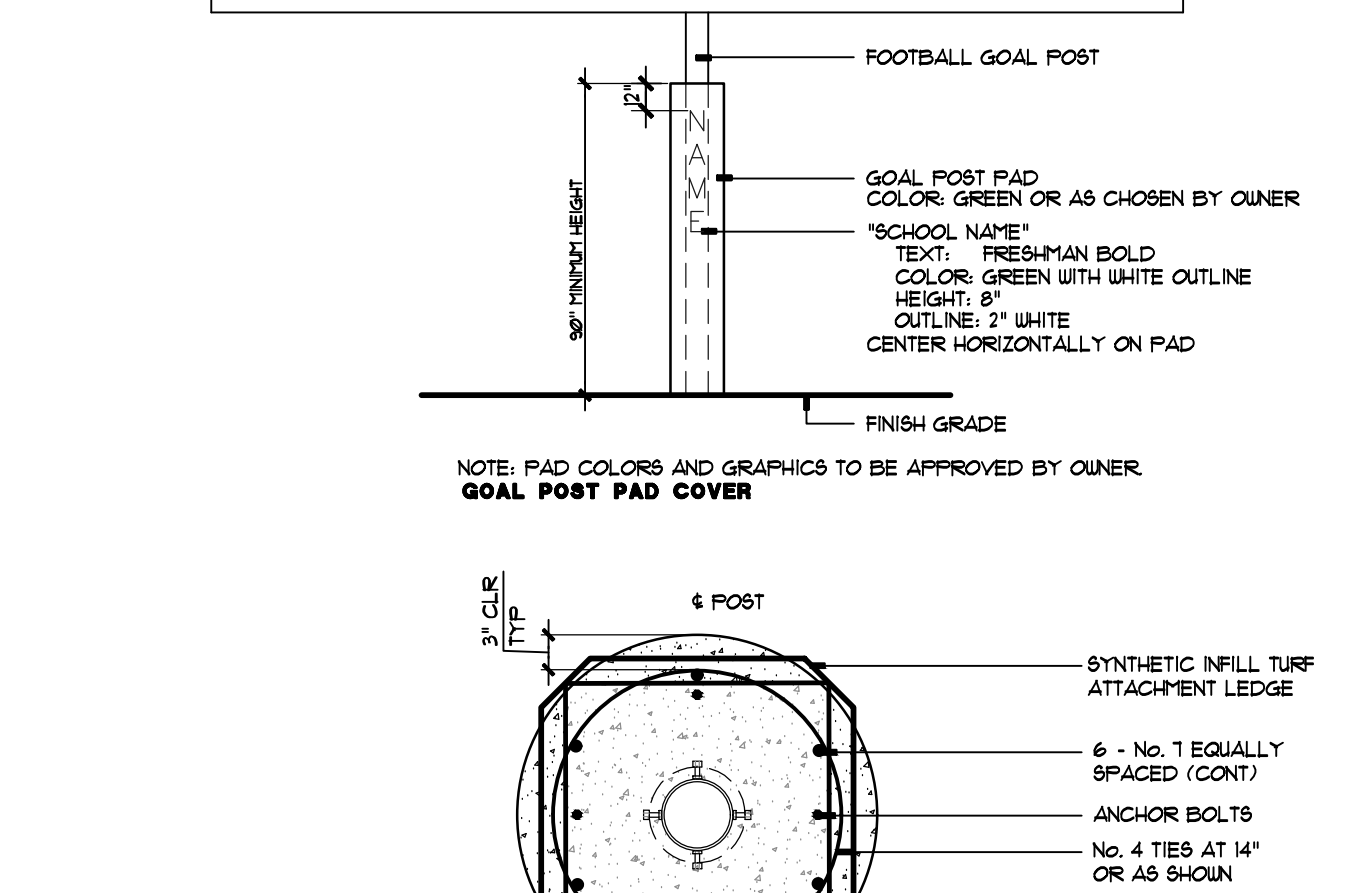
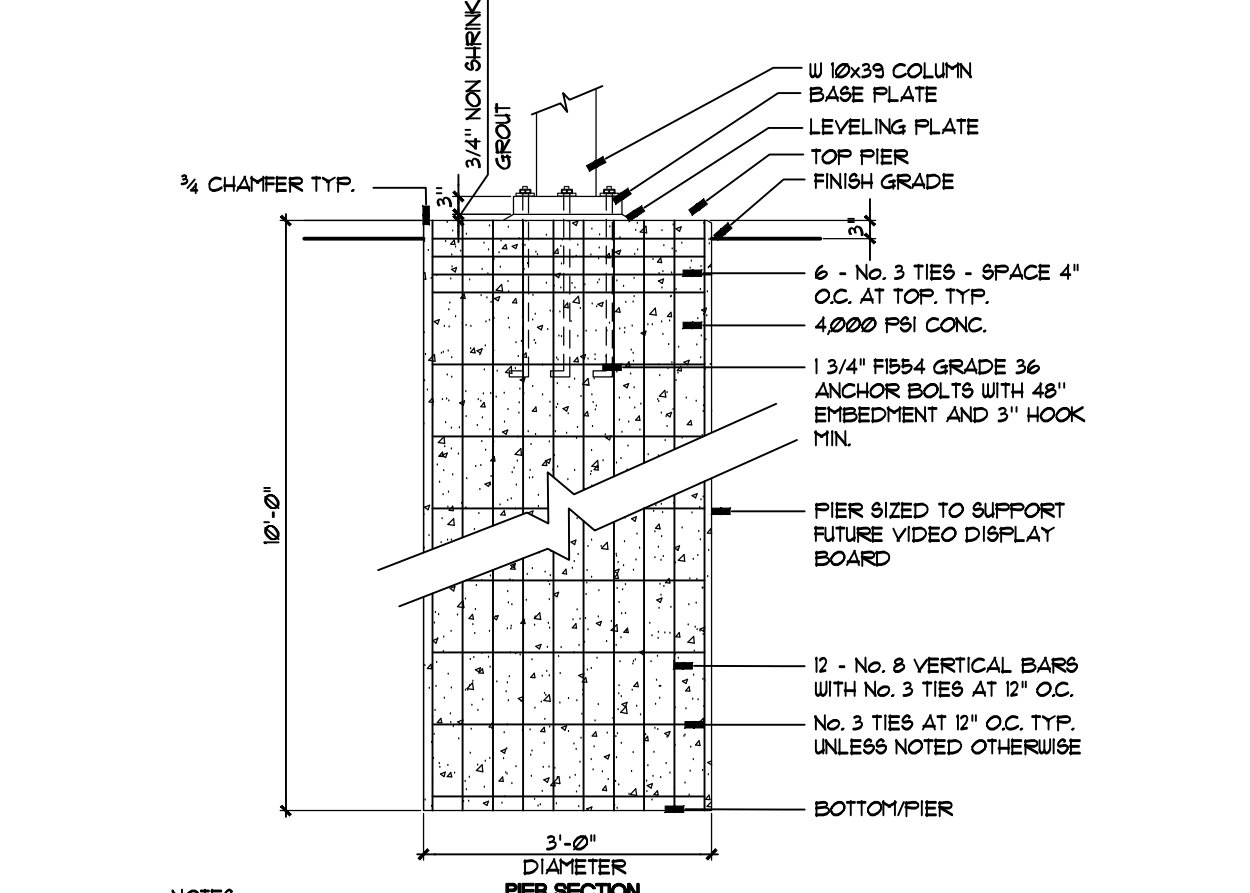
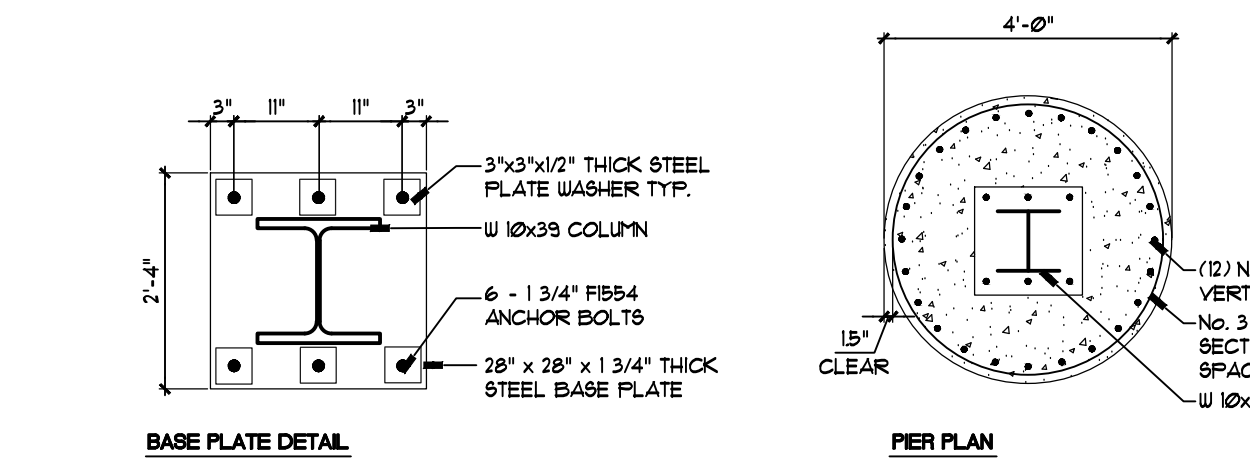
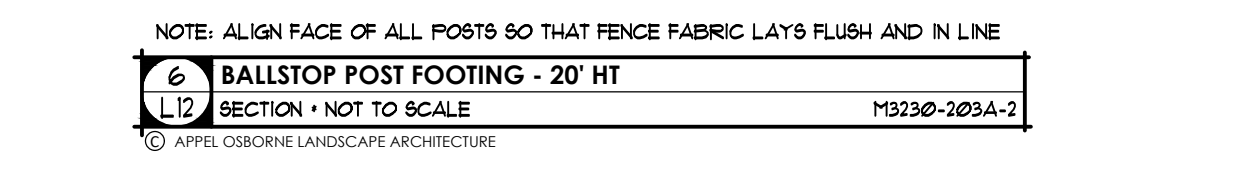
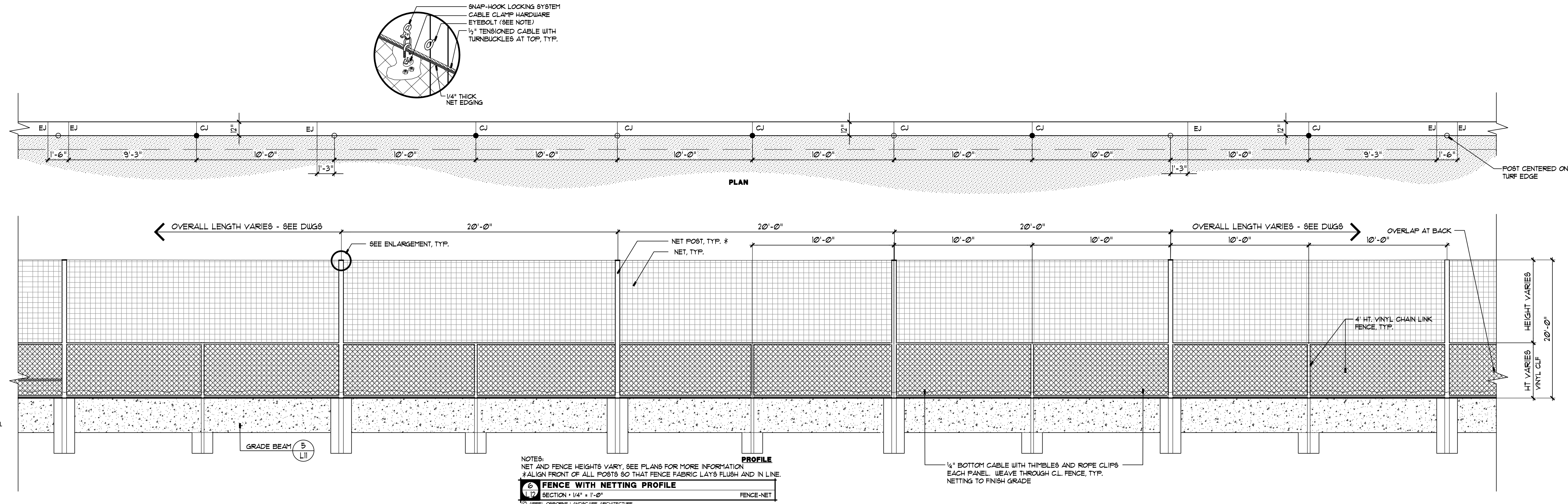
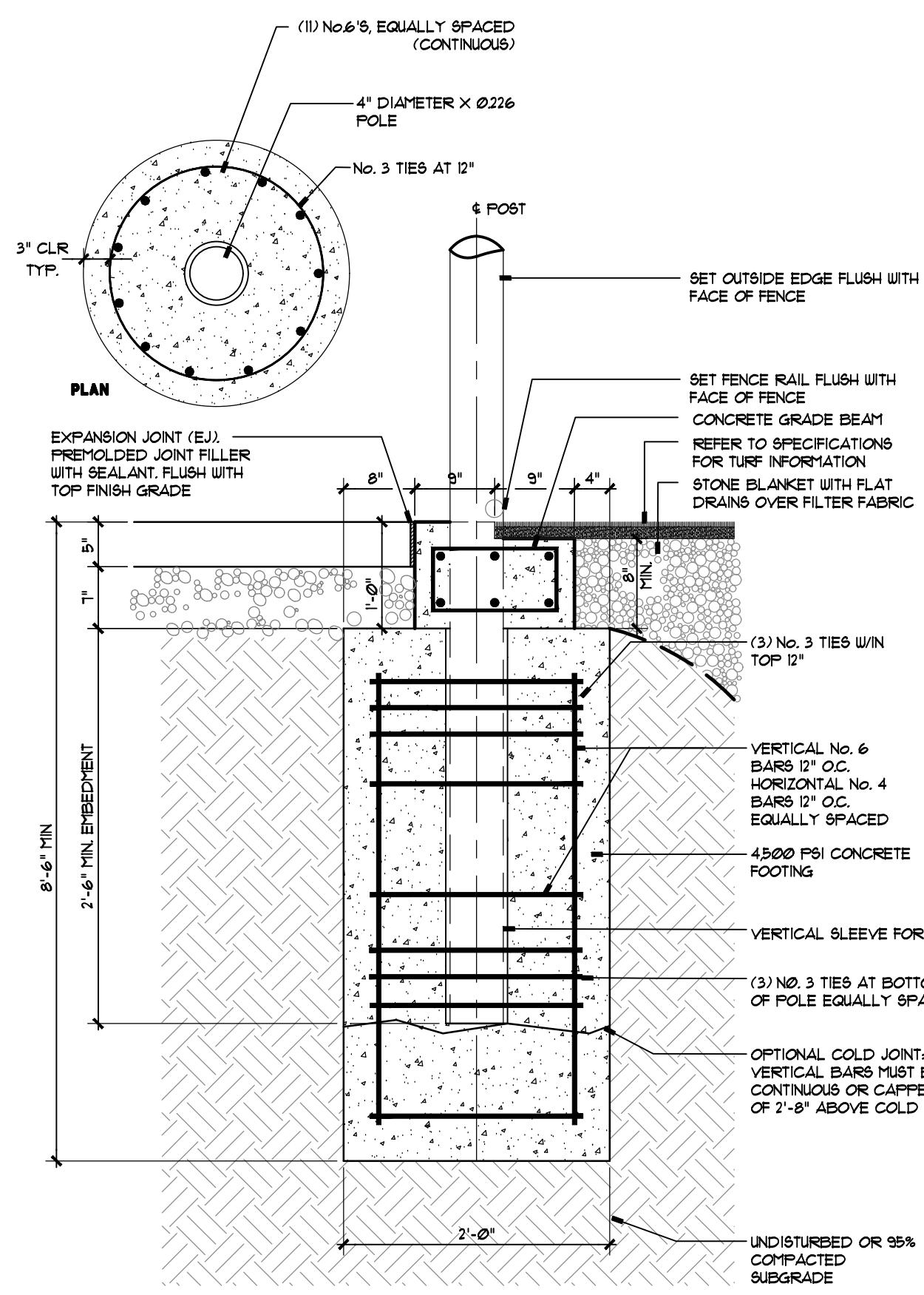
**41 STORMWATER MGMT TRENCH = SMT**  
SECTION - NOT TO SCALE 3340-002  
© APPEL OSBORNE LANDSCAPE ARCHITECTURE

**Willis V. Carrier Recreation Center - Phase 3**  
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Project Number: T00-PH3  
Drawn By: HBTG  
Checked By: TGTB  
Scale: AS SHOWN

Date: 10/15/2024  
Drawing: SITE DETAILS  
Sheet Number: L10













**GENERAL NOTES**

**GENERAL NOTES - ALL TRADES**

G-1 ALL PASSAGES OF EXISTING AND NEW PIPES, CONDUITS, CABLES, WIRES, AIR DUCTS, AND SIMILAR BUILDING SERVICE EQUIPMENT THROUGH EXISTING OR NEW FIRE OR SMOKE BARRIERS (WALLS, FLOORS, AND ROOF) WHETHER EXPOSED OR CONCEALED SHALL BE PROTECTED AS DESCRIBED IN DIVISIONS 21, 22, 23, 26, 27 AND 28, AND AS FOLLOWS:

a. THE SPACE BETWEEN THE PENETRATING ITEM AND THE FIRE/SMOKE BARRIER SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE/SMOKE RESISTANCE OF THE FIRE/SMOKE BARRIER, DESIGNED FOR THE SPECIFIC PURPOSE, AND CAPABLE OF MAINTAINING AN AIR TIGHT CONDITION.

b. WHERE THE PENETRATING ITEM USES A SLEEVE TO PENETRATE THE FIRE/SMOKE BARRIER, THE SLEEVE SHALL BE SOLIDLY SET IN THE FIRE/SMOKE BARRIER AND THE SPACE BETWEEN THE ITEM AND THE SLEEVE SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE/SMOKE RESISTANCE OF THE FIRE/SMOKE BARRIER, DESIGNED FOR THE SPECIFIC PURPOSE, AND CAPABLE OF MAINTAINING AN AIR TIGHT CONDITION.

G-2 ALL OTHER AREAS OF THE BUILDING WHERE ANY WORK IS TO BE DONE SHALL REMAIN IN USE DURING CONSTRUCTION, THEREFORE, SPECIAL CARE SHALL BE TAKEN TO CLEAN UP AFTER ALL OPERATIONS IN ORDER TO KEEP THE AREA AND SITE AS CLEAN AS POSSIBLE AND TO THE OWNER'S SATISFACTION.

G-3 AT ALL TIMES THAT WORK IS GOING ON, DUST TIGHT PARTITIONS SHALL BE INSTALLED AROUND THE LOCATION OF WORK TAKING PLACE. THE EXTENT AND LOCATION OF THESE PARTITIONS SHALL BE COORDINATED WITH THE OWNER.

G-4 ALL EXISTING FINISHES, WORK, EQUIPMENT, AND STRUCTURE TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. ALL EXISTING SURFACES, WORK, EQUIPMENT AND STRUCTURE WHICH ARE DAMAGED OR REMOVED DUE TO DEMOLITION, OR NEW WORK SHALL BE REPAIRED AND PATCHED WITH MATCHING CONSTRUCTION AND FINISHES.

G-5 NOTED NEW SURFACES ARE TO BE PREPARED TO RECEIVE NEW FINISHES, INCLUDING FINISH OF NEW HOLES, VOIDS, CRACKS, CLEANING OF SURFACES AS PER MANUFACTURER'S INSTRUCTIONS, ETC.

G-6 CONTRACTOR IS TO COORDINATE WITH ARCHITECT AND OWNER THE EXACT LOCATION OF NEW ITEMS.

G-7 CONTRACTOR TO PATCH AND REPAIR TO MATCH EXISTING AREAS OF CEILINGS, WALLS, AND FLOORS DISTURBED FOR THE INSTALLATION OF MECHANICAL AND ELECTRICAL ITEMS.

G-8 WHERE EQUIPMENT, ETC. HAS BEEN REMOVED BY OWNER, CONTRACTOR TO PATCH SURFACES TO MATCH EXISTING AND PREPARE SURFACES FOR NEW FINISH.

G-9 WORK SHALL NOT INTERFERE WITH LEGAL FIRE EXITS. ALL CORRIDORS AND EXIT STAIRS SHALL BE MAINTAINED AT ALL TIMES.

G-10 PATCH ALL OPENINGS NEW AND EXISTING WHETHER EXPOSED OR CONCEALED IN EXISTING FLOORS AND WALLS WITH CONSTRUCTION AND FINISH TO MATCH EXISTING. ALL OPENINGS SHALL BE SEALED AIR TIGHT, AND WHERE APPLICABLE, FIRE RATINGS MAINTAINED OR RESTORED.

G-11 ALL PENETRATIONS INTO RENOVATED ROOMS SHALL BE SEALED AND ALL SURFACES, JOINTS, ETC. SHALL BE EASILY CLEANABLE.

G-12 CONTRACTOR SHALL VERIFY ALL MASONRY OPENING DIMENSIONS, INCLUDING THOSE TO BE PROVIDED FOR DUCTWORK AND OTHER MECHANICAL PENETRATIONS, SO THAT CORRECT HEIGHT AND LENGTH OF LINTELS WILL BE OBTAINED COMMENSURATE WITH ARCHITECTURAL PLANS AND DETAILS AND WITH END BEARING REQUIREMENTS. COORDINATE WITH DIVISION 23.

G-13 EXCEPT WHERE OTHERWISE SCHEDULED OR INDICATED, PROVIDE LOOSE STEEL LINTELS OVER ALL OPENINGS THROUGH MASONRY WALLS AND PARTITIONS.

**GENERAL STRUCTURAL NOTES - ALL TRADES**

- DO NOT DRILL, CORE, OR CUT ANY PORTION OF EXISTING CONCRETE COLUMNS, BEAMS, JOISTS, OR BRIDGING RIBS WITHOUT THE ARCHITECT'S APPROVAL.
- DO NOT CUT OPENINGS THROUGH EXISTING CONCRETE WHICH ARE NOT SHOWN ON DRAWINGS WITHOUT THE ARCHITECT'S APPROVAL.
- CORE-DRILL NEW OPENING WHEREVER POSSIBLE.
- WHERE CORE-DRILLING IS NOT PRACTICAL, CUT OPENINGS THROUGH EXISTING CONCRETE AS FOLLOWS:
  - PRIOR TO CUTTING, DETERMINE THE LOCATION OF PROPOSED OPENINGS SUCH THAT NO PORTION OF EXISTING BEAMS OR JOISTS WILL BE ALTERED IN ANY WAY.
  - CORE-DRILL ROUND HOLES THROUGH EXISTING SUPPORTING STRUCTURAL SLABS AT THE FOUR CORNERS OF NEW OPENING.
  - SAW-CUT STRUCTURAL SLAB TO MINIMUM DEPTH OF 2" BETWEEN HOLES AND REMOVE CONCRETE.

**EMERGENCY EGRESS LEGEND:**  
36" E.W. EXIT WIDTH PER OPENING

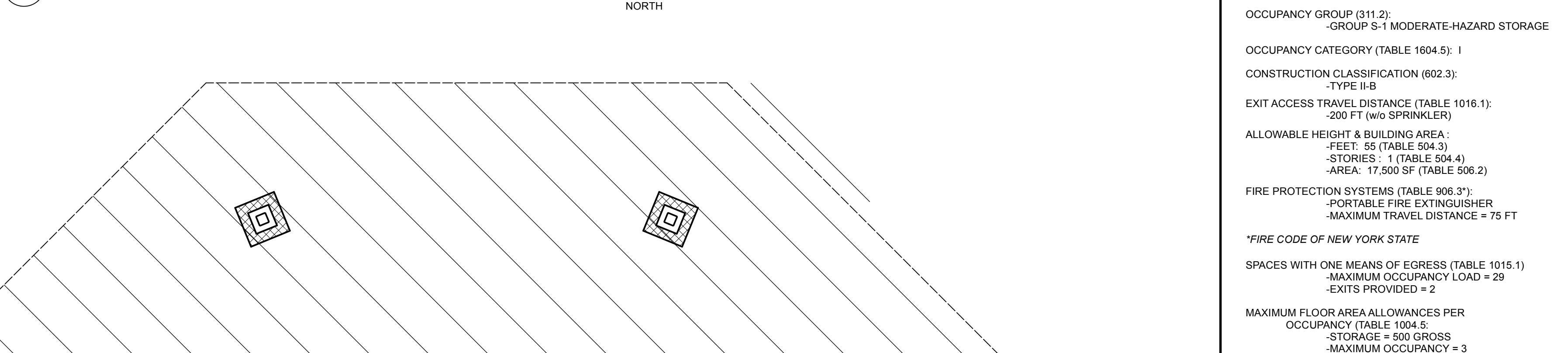
**RATED PARTITION LEGEND:**  
1 HR. FIRE RATED PARTITION

**CONSTRUCTION TYPE DESIGNATIONS:**  
NEW CONSTRUCTION / ADDITION

**GENERAL LEGEND:**  
N.F.E. NEW FIRE EXTINGUISHER LOCATION  
F.E.C. NEW FIRE EXTINGUISHER LOCATION CABINET

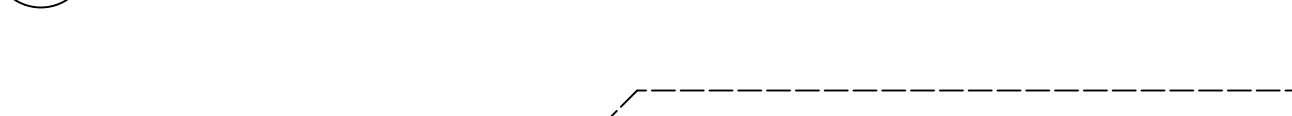
**OCCUPANCY LEGEND:**  
NON-ASSEMBLY SPACES  
ROOM OCCUPANCY  
ROOM NUMBER CLASSROOM (110) ROOM GROSS SQUARE FOOTAGE 1000 S.F.

**2 CODE COMPLIANCE PLAN - MAINTENANCE BUILDING**  
Scale: 1/4" = 1'-0"



**MAINTENANCE BUILDING:**  
OCCUPANCY GROUP (311.2):  
-GROUP S-1 MODERATE-HAZARD STORAGE  
OCCUPANCY CATEGORY (TABLE 1604.5): 1  
CONSTRUCTION CLASSIFICATION (602.3):  
-TYPE II-B  
EXIT ACCESS TRAVEL DISTANCE (TABLE 1016.1):  
-200 FT (w/o SPRINKLER)  
ALLOWABLE HEIGHT & BUILDING AREA:  
-FEET: 55 (TABLE 504.3)  
-STORIES: 1 (TABLE 504.4)  
-AREA: 17,500 SF (TABLE 506.2)  
FIRE PROTECTION SYSTEMS (TABLE 906.3):  
-PORTABLE FIRE EXTINGUISHER  
-MAXIMUM TRAVEL DISTANCE = 75 FT  
\*FIRE CODE OF NEW YORK STATE  
SPACES WITH ONE MEANS OF EGRESS (TABLE 1015.1)  
-MAXIMUM OCCUPANCY LOAD = 29  
-EXITS PROVIDED = 2  
MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANCY (TABLE 1004.5)  
-STORAGE = 500 GROSS  
-MAXIMUM OCCUPANCY = 3

**1 CODE COMPLIANCE PLAN - TOILET ROOMS**  
Scale: 1/4" = 1'-0"

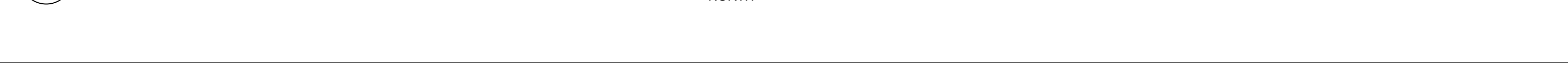


**TOILET ROOMS:**  
OCCUPANCY GROUP (303.8): GROUP A-5 - ASSEMBLY  
OCCUPANCY CATEGORY (TABLE 1604.5): II  
CONSTRUCTION CLASSIFICATION (602.3):  
-TYPE III-B  
EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2):  
-200 FT (w/o SPRINKLER)  
ALLOWABLE HEIGHT & BUILDING AREA:  
-FEET: 55 (TABLE 504.3)  
-STORIES: 1 (TABLE 504.4)  
-AREA: UNLIMITED (TABLE 506.2)

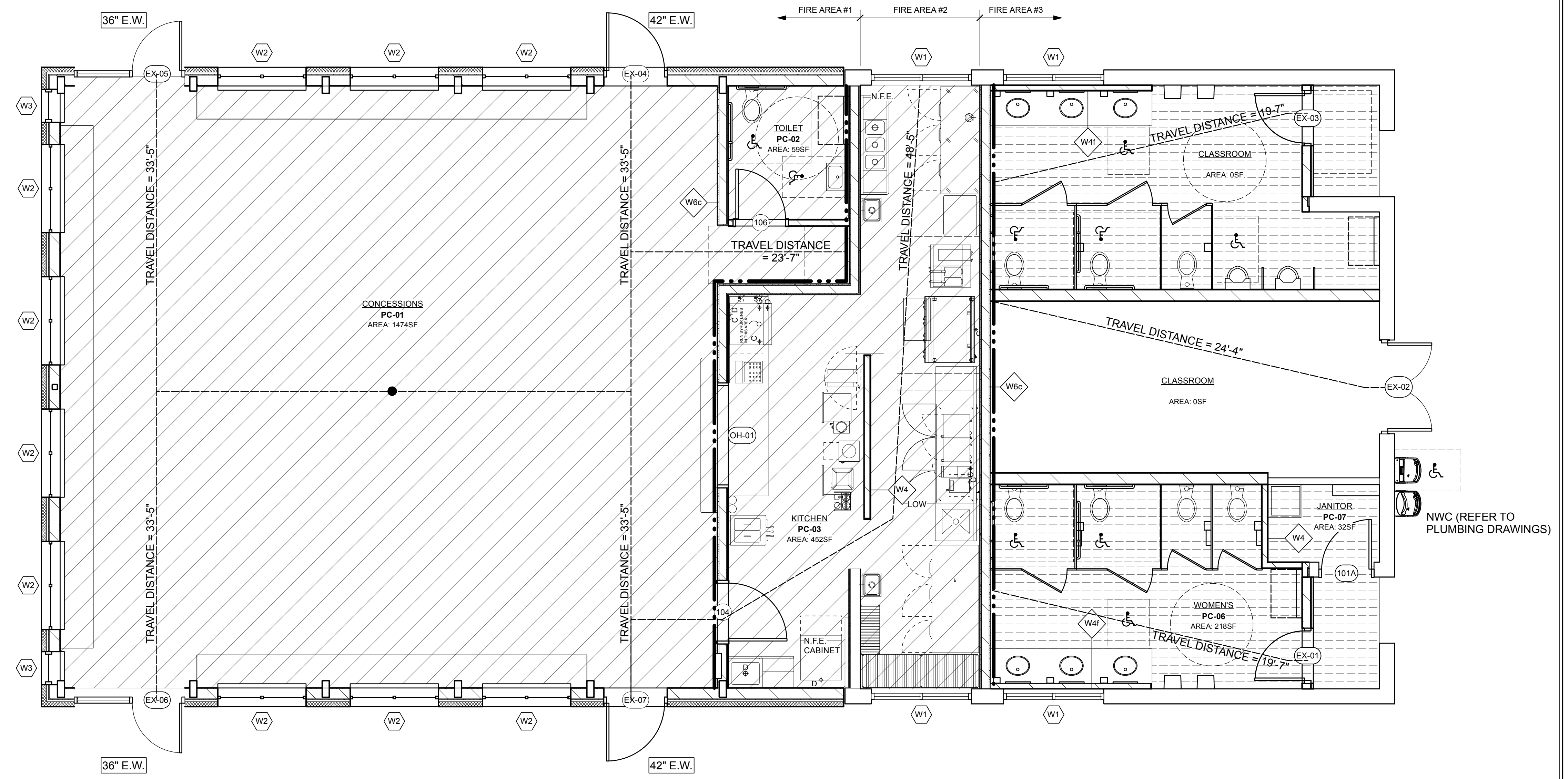
**4 CODE COMPLIANCE PLAN - PRESS BOX LEVEL**  
Scale: 1/4" = 1'-0"



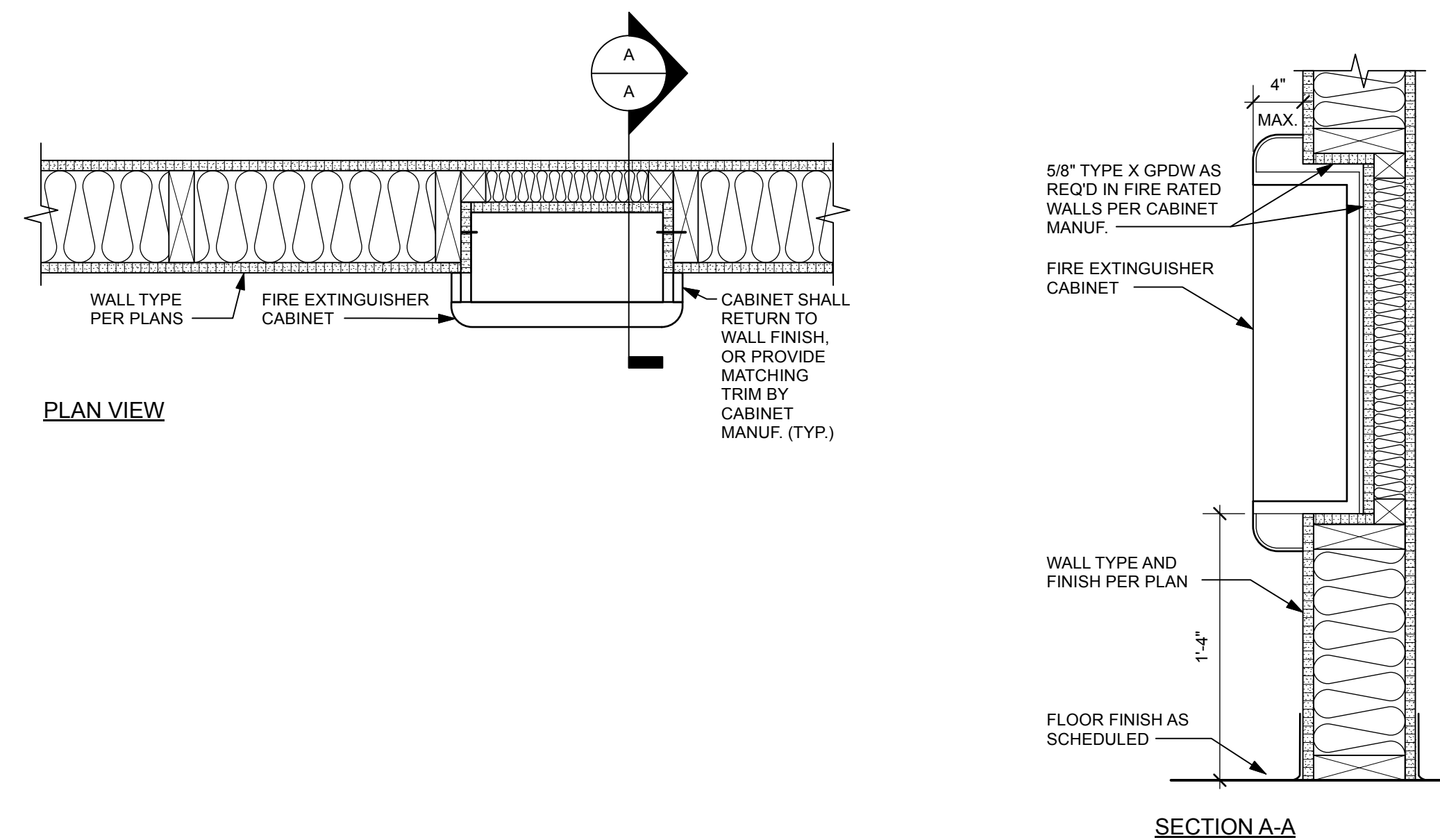
**3 CODE COMPLIANCE PLAN - PRESS BOX LEVEL**  
Scale: 1/4" = 1'-0"



**PRESS BOX BUILDING:**  
OCCUPANCY GROUP (312.1):  
-GROUP U - UTILITY  
OCCUPANCY CATEGORY (TABLE 1604.5): II  
CONSTRUCTION CLASSIFICATION (602.2):  
-TYPE II-B  
EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2):  
-300 FT (w/o SPRINKLER)  
ALLOWABLE HEIGHT & BUILDING AREA:  
-FEET: 55 (TABLE 504.3)  
-STORIES: 2 (TABLE 504.4)  
-AREA: 6,500 SF (TABLE 506.2)  
FIRE PROTECTION SYSTEMS (TABLE 906.3):  
-PORTABLE FIRE EXTINGUISHER  
-MAXIMUM TRAVEL DISTANCE = 75 FT  
\*FIRE CODE OF NEW YORK STATE  
SPACES WITH ONE MEANS OF EGRESS (TABLE 1015.1)  
-MAXIMUM OCCUPANCY LOAD = 49  
-EXITS PROVIDED = 1



1  
G2  
CODE COMPLIANCE PLAN  
Scale: 1/4" = 1'-0"  
NORTH



2  
G2  
DETAIL @ FIRE EXTINGUISHER CABINET  
Scale: 1 1/2\"/>

**GENERAL NOTES:**  
MAX. TRAVEL DISTANCE TO EGRESS: 75 FT (SECTION 1009 - TABLE 1006.2.1)  
MIN. NUMBER OF EXITS PER STORY: 2 EXITS (SECTION 1006 - TABLE 1006.3.1)  
MAX. FLOOR AREA PER OCCUPANT: 15 NET (SECTION 1004 - TABLE 1004.1.2)  
MAX. OCCUPANT LOAD: 98

**EMERGENCY EGRESS LEGEND:**  
36\"/>

**BUILDING INFORMATION:**

**OCCUPANCY CLASSIFICATION:** Group A-2 - Assembly (PER 2020 BUILDING CODE OF NYS - SECTION 303.4)

**CONSTRUCTION CLASSIFICATION:**  
EXISTING: VB  
NEW: VB

**SITE ACCESSIBLE:** 4 Sides

**ALLOWABLE BLDG. AREA:** 6,000 SF

**ACTUAL BLDG. AREA:** 3,152 SF

**ALLOWABLE HEIGHT IN STORIES:** 1 (PER 2020 BUILDING CODE OF NYS - SECTION 504)

**ACTUAL HEIGHT IN STORIES:** 1

**ROOM SQUARE FOOTAGES:**  
Pavilion - 1,648/15 = 109  
Mechanical - 258/300 = 1  
Toilet Rooms - 284/50 = 5  
Kitchen / Servery - 648/200 = 3

**PLUMBING FIXTURE COUNT**

Required Fixtures	Female	Male	Unisex
Water Closets	1	1	
Lavatories	1	1	
Urinals			
Drinking Fountains			

Existing Fixtures	Female	Male	Unisex
Water Closets	3	3	
Lavatories	3	3	
Urinals			
Drinking Fountains			1

New Fixtures	Female	Male	Unisex
Water Closets	4	3	
Lavatories	3	3	
Urinals			4
Drinking Fountains			1

Revisions:  
No. Date Issued For

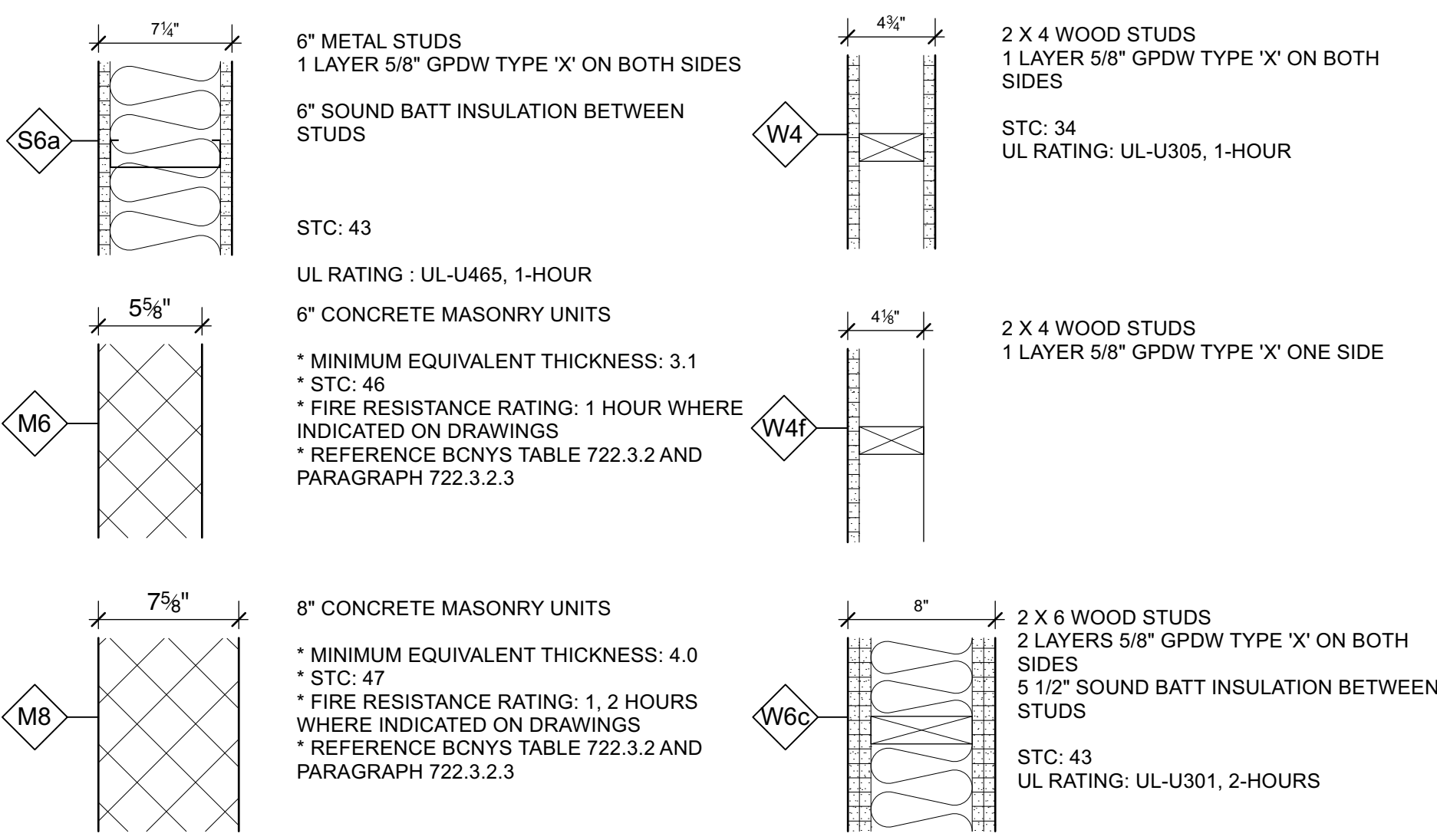
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Drawn By: X  
Checked By: X  
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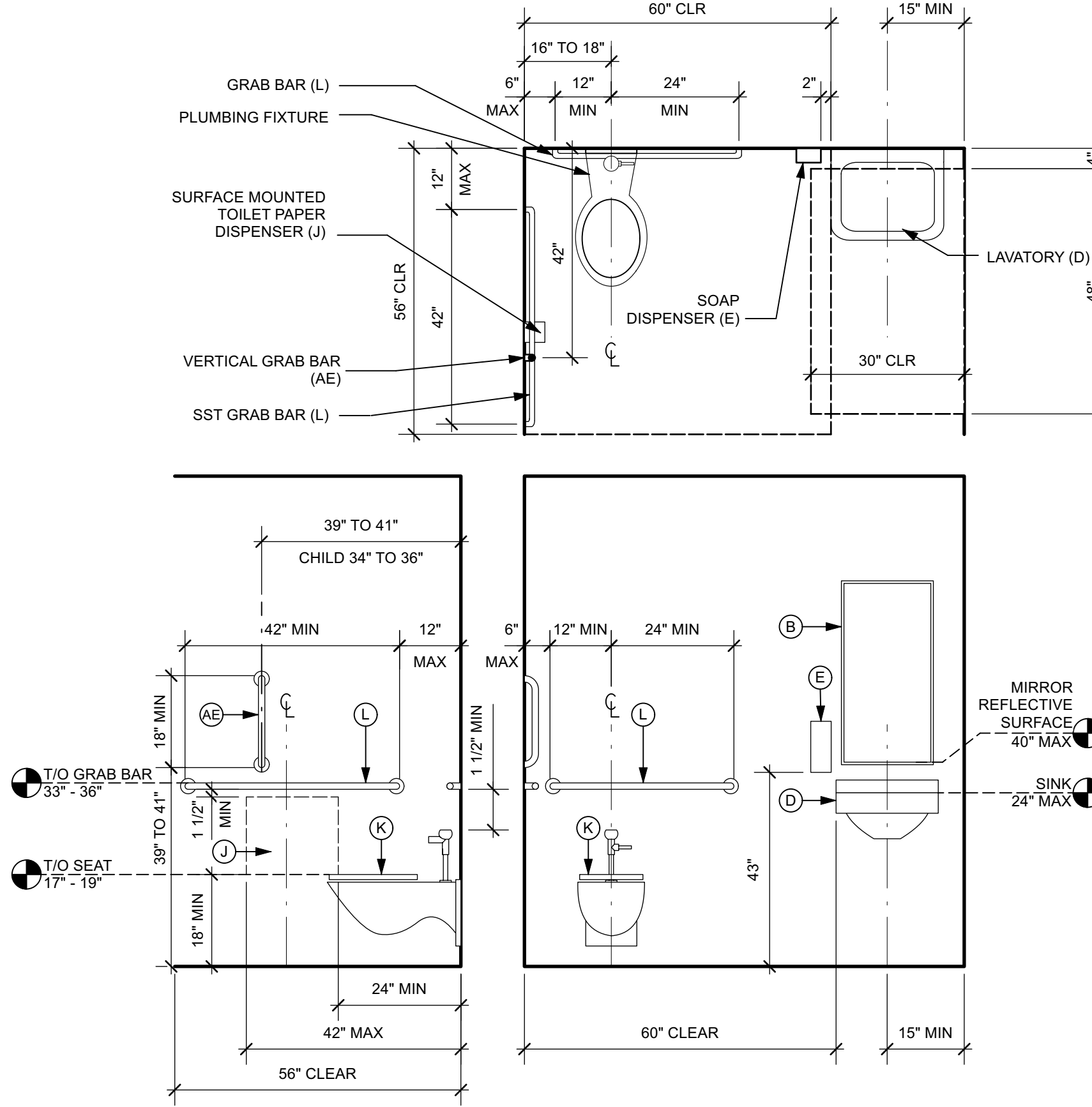
**PARTITION TYPES**

**GENERAL NOTES:**

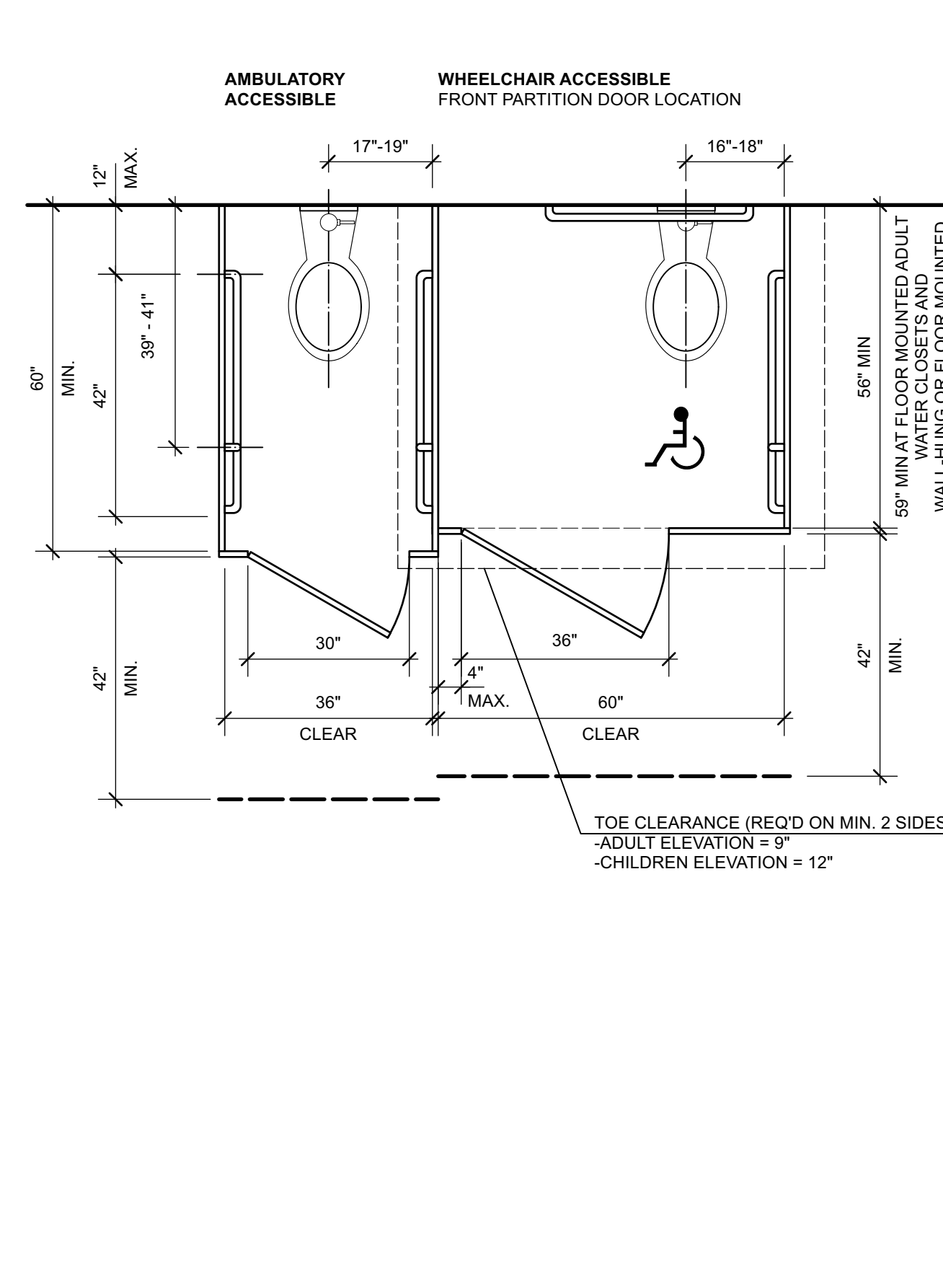
- ALL NEW PARTITIONS ARE DIMENSIONED FROM FACE OF STEEL STUD OR FACE OF BLOCK, UNLESS OTHERWISE NOTED.
- ALL STEEL STUDS SHALL HAVE 1 LAYER GPDW EACH SIDE, UNLESS NOTED OTHERWISE.
- EXTEND ALL PARTITIONS, STUDS, AND GPDW TO DECK ABOVE, UNLESS NOTED OTHERWISE.
- ALL DRYWALL TO BE 5/8" THICK, UNLESS NOTED OTHERWISE.
- WHERE UNBALANCED SYSTEM IS USED, ADDITIONAL LAYER IS ON SYMBOL SIDE.
- SEE SPECIFICATIONS FOR THICKNESS OF ACOUSTIC INSULATION.
- SEE FINISH SCHEDULE FOR FINISHES INCLUDING PAINT, SPECIALTY COATINGS, TILE, VINYL WALL COVERINGS, ETC.
- REFER TO CODE COMPLIANCE DRAWINGS FOR LOCATION OF RATED WALLS.
- WHERE GPDW DOES NOT EXTEND FROM FLOOR TO DECK ON BOTH SIDES OF METAL STUD WALLS, PROVIDE STEEL CHANNEL AND CLIP ANGLE BRIDGING AS SPECIFIED AT 4'-0" MAXIMUM ON CENTER, FULL HEIGHT OF ASSEMBLY, WHERE STUD KNOCKOUTS DON'T ALIGN OR ARE BLOCKED BY OTHER CONSTRUCTION, PROVIDE METAL STRAPPING AS SPECIFIED ON BOTH FACES OF STUDS AT SAME SPACING.
- AT DEFLECTION TRACK LOCATIONS OF RATED WALLS, PROVIDE CHANNEL AND CLIP BRIDGING OR STRAPPING AT 1'-0" MAXIMUM BELOW STRUCTURE ABOVE.



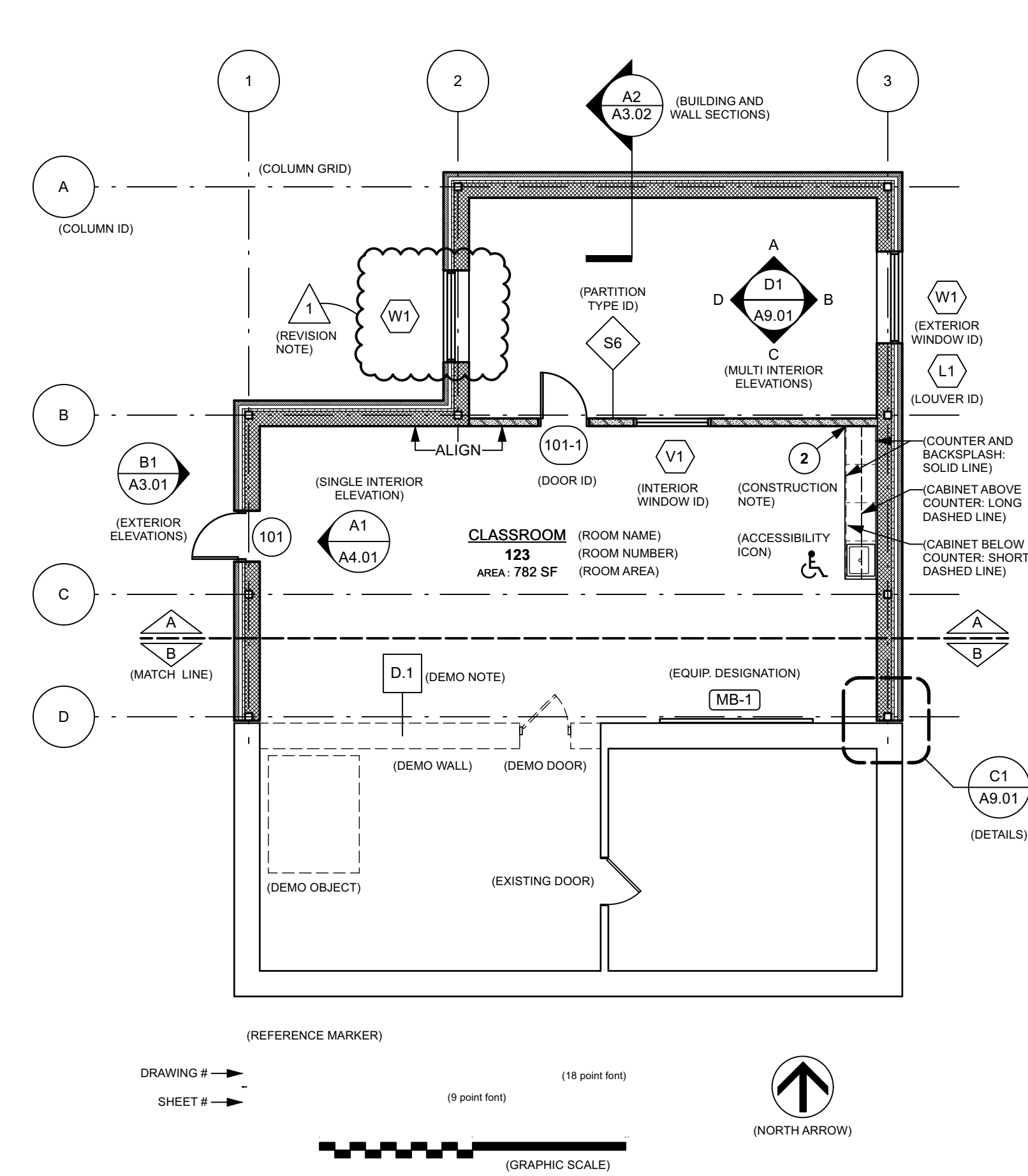
**TYPICAL ACCESSIBLE TOILET ROOM**  
REFER TO ICC/ANSI A117.1 - 2009, FIGURE 607.4.1 FOR RECESSED FIXTURE MOUNTING DIMENSIONS



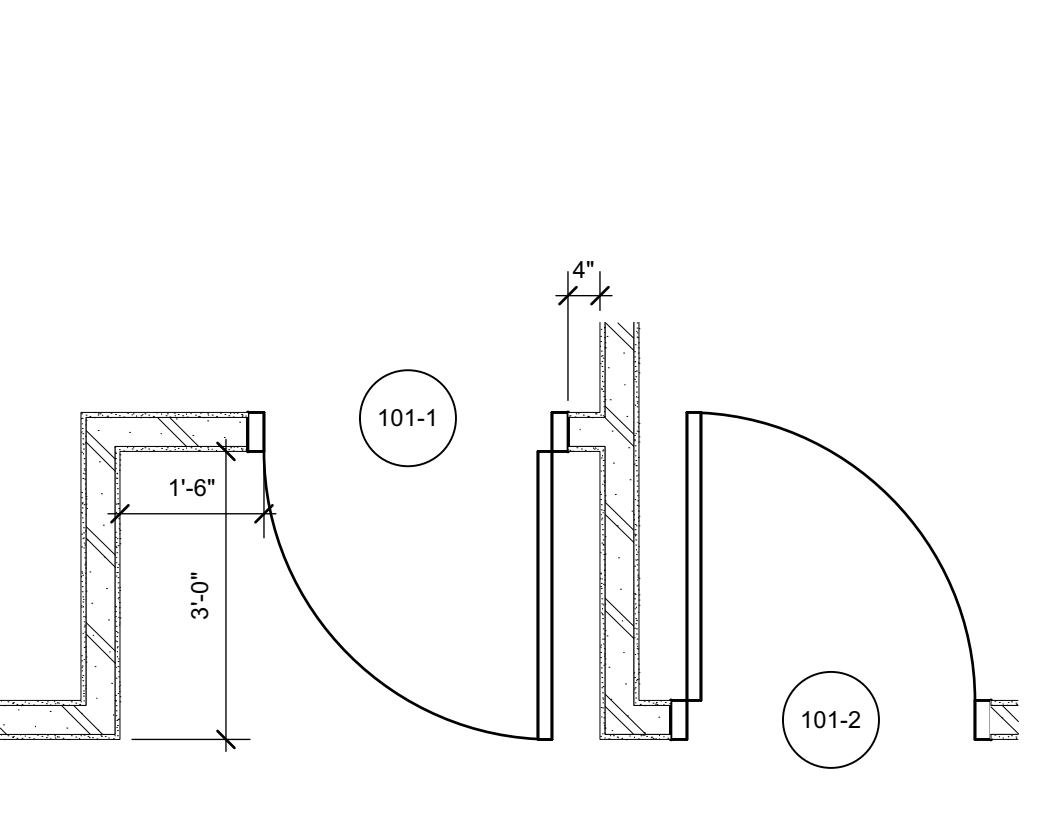
**TYPICAL ACCESSIBLE TOILET STALL**



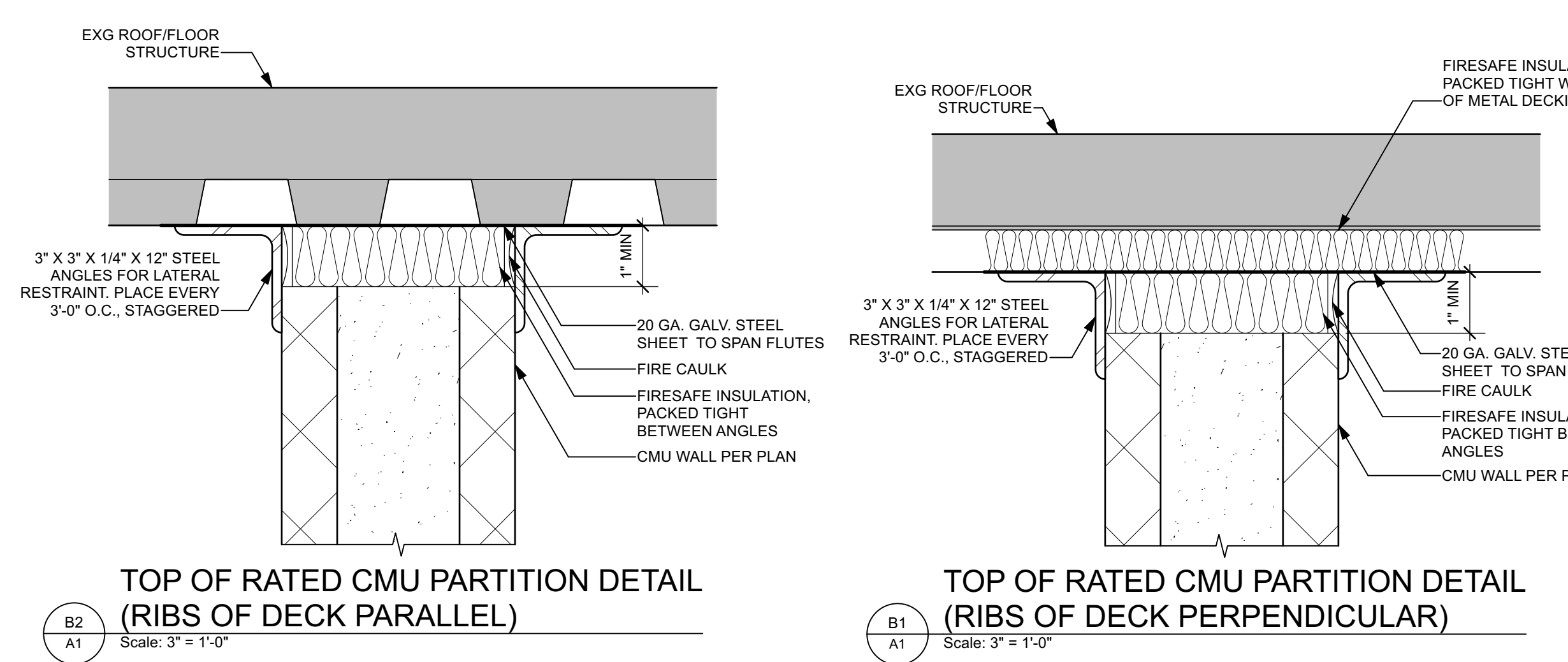
**GRAPHIC SYMBOLS**



**TYPICAL DOOR DIMENSIONS**

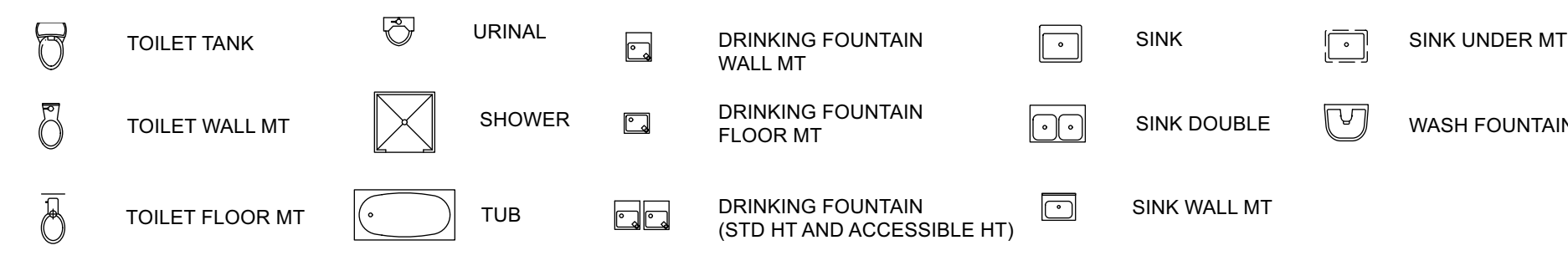


NOTE: ALL NEW FIRE RATED PARTITIONS AT ACCESSIBLE CEILINGS ARE TO BE MARKED & IDENTIFIED WITH SIGNAGE PLACED IN THE CONCEALED SPACE. REFER TO SPEC SECTION 101400 FOR ADDITIONAL INFORMATION.

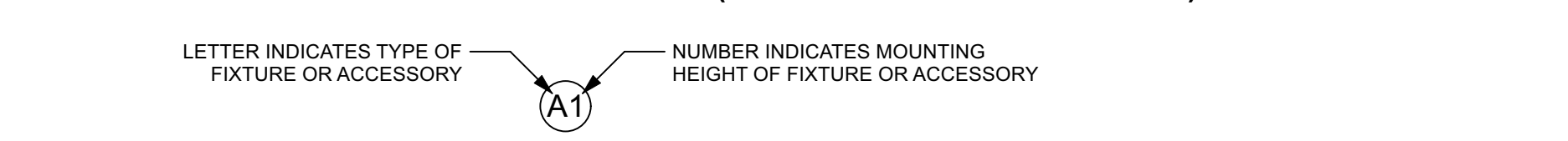


**TOILET FIXTURES AND ACCESSORIES**

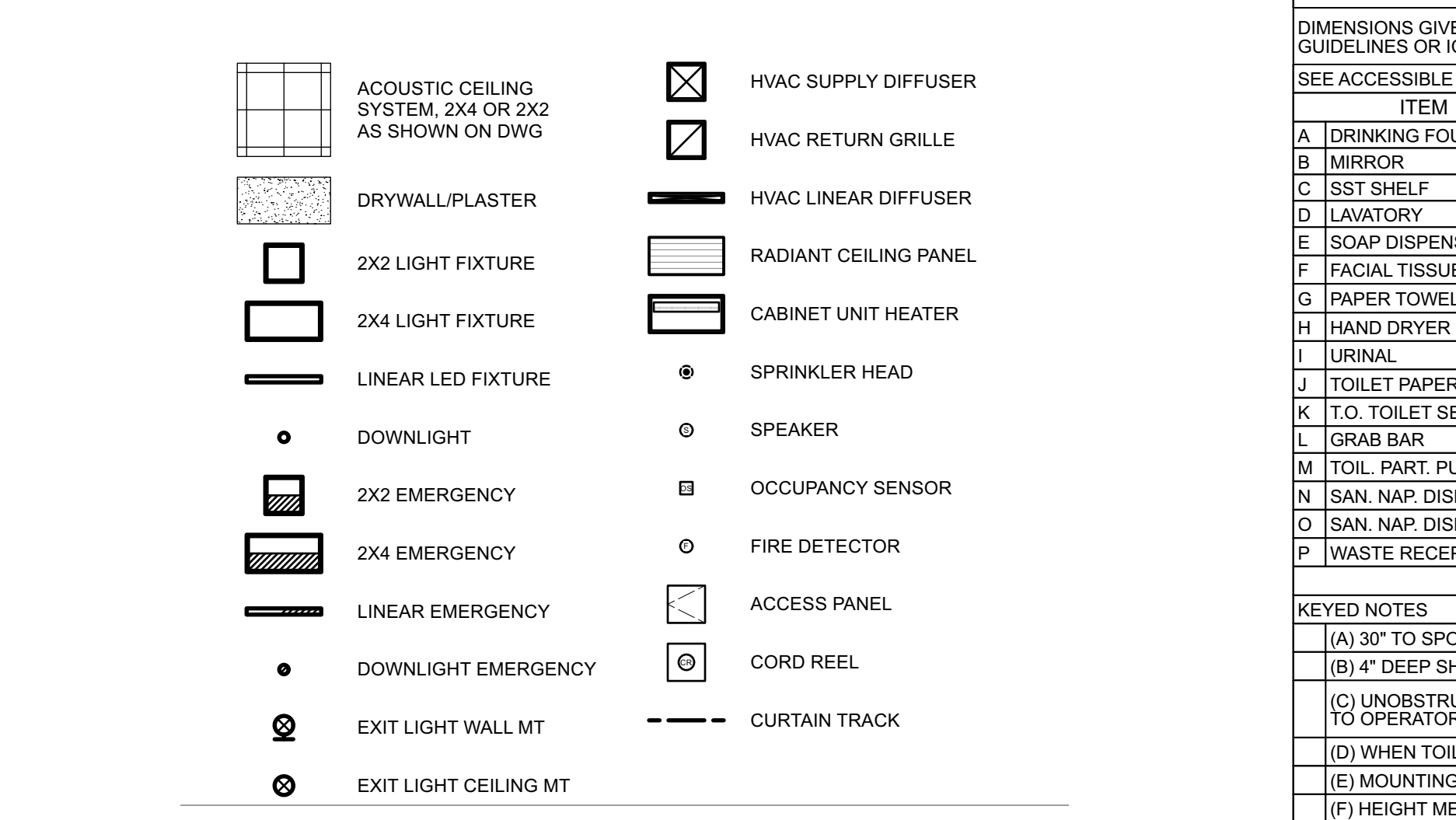
**FIXTURE SYMBOLS**



**TOILET FIXTURE AND ACCESSORY SYMBOL (KEYED ON ENLARGED PLANS)**



**REFLECTED CEILING PLAN SYMBOLS**



**TOILET FIXTURES AND ACCESSORIES MOUNTING HEIGHT SCHEDULE**

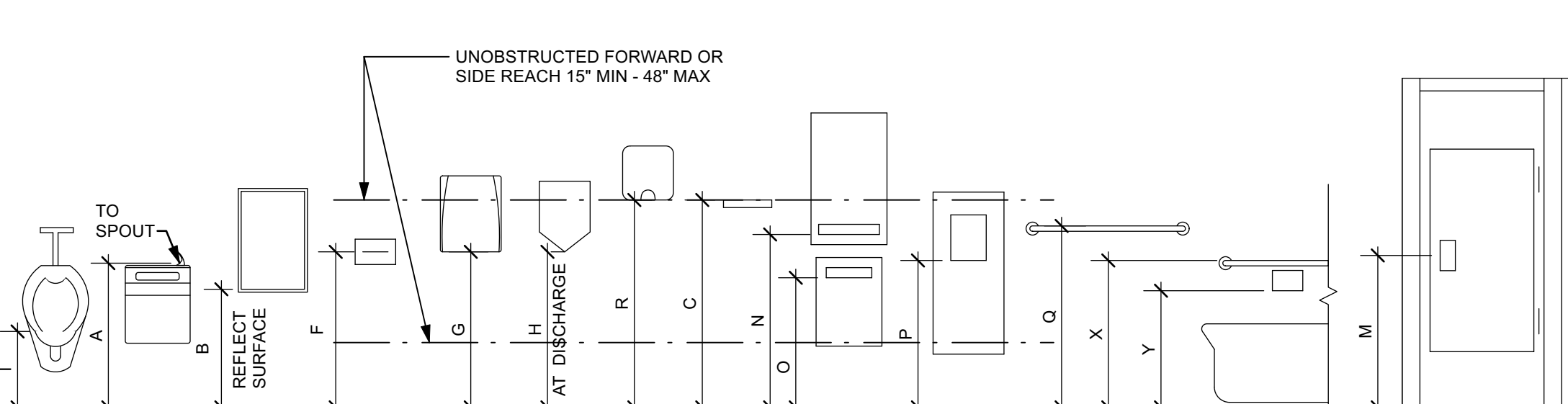
DIMENSIONS GIVEN ARE FOR MOUNTING HEIGHTS AS ILLUSTRATED BY THE TOILET FIXTURES ELEVATIONS BELOW. FOR ADDITIONAL DIMENSION AND CLEARANCE REQUIREMENTS, REFER TO THE FEDERAL REGISTER ADA ACCESSIBLE GUIDELINES OR ICC/ANSI A117.1 - 2009. ANY REFERENCED CODE SECTIONS REFER TO ICC/ANSI A117.1 - 2009.

SEE ACCESSIBLE PLANS AND ELEVATIONS BELOW FOR CLEARANCE AND DIMENSION REQUIREMENTS.

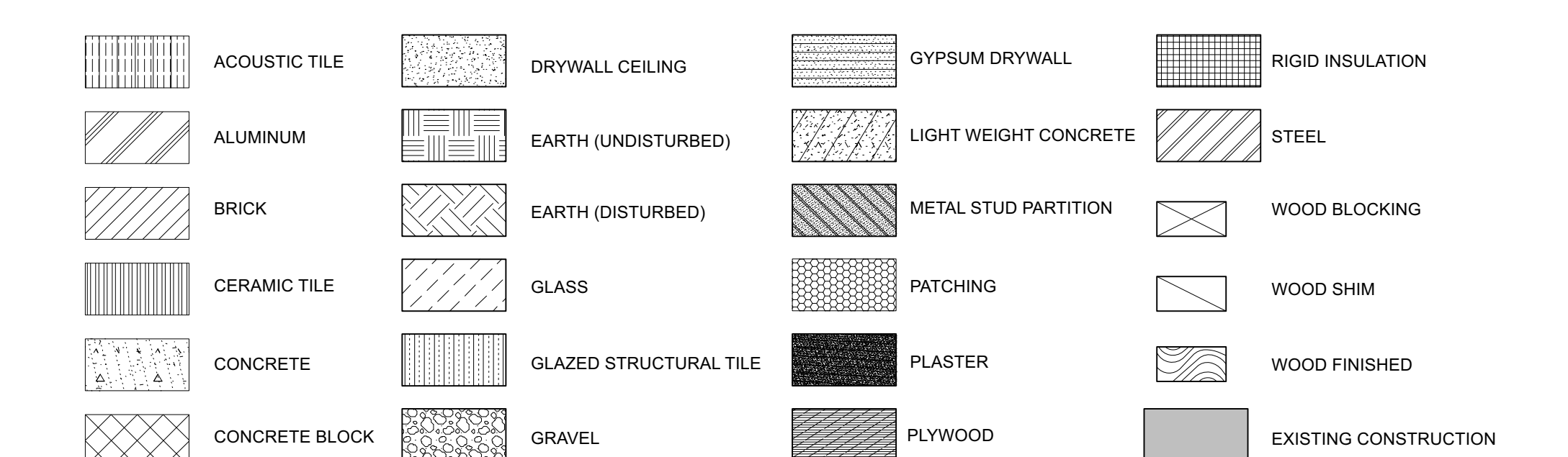
ITEM	ADULT (1)	ADA ADULT (2)	CHILD (3)	NOTES	ITEM	ADULT (1)	ADA ADULT (2)	CHILD (3)	NOTES
A. DRINKING FOUNTAIN	38" - 48"	38" MAX	30" MAX (A)		O. TOWEL BAR	48"	48"	48"	
B. MIRROR	40"	40"	34"	38" MAX WHEN NOT BEHIND LAV OR COUNTER	R. HAIR DRYER	60"	60"	4'-0" MAX	3'-0"
C. SST SHELF	50"	40" - 48" (B)	34"		S. COAT HOOK	64"	(C)	3'-0"	
D. LAVATORY	34"	34" MAX	31"	CHILDREN 6-12	T. SHOWER SEAT	N/A	17" - 19"	1'-2"	HEIGHT TO TOP OF SEAT
E. SOAP DISPENSER	43"	(C)	34"		U. SOAP DISH @ SHOWER	48"	36" - 48"	3'-0"	
F. FACIAL TISSUE DISP.	48"	(C)	30"		V. SHOWER CURTAIN ROD	74"	74"	74"	
G. PAPER TOWEL DISP.	48"	(C)	30"		W. SHOWER HEAD/HAND SHOWER	74"	36" - 48"	48"	HAND SHOWER WITH MIN 99" HOSE
H. HAND DRYER	36"	(C)	30"		X. GRAB BAR @ TUB	N/A	33" - 36"	20"	REFER TO ELEVATION
I. URINAL	24"	17" MIN (D)	17"		Y. SOAP DISH @ TUB	27"	27"	27"	
J. TOILET PAPER HOLDER	18" MIN	18" MIN (D)	18" MIN		Z. CONTROLS @ TUB	32"	32"	32"	REFER TO ELEVATION
K. T.O. TOILET SEAT	17"	17" - 19"	11" - 17"		AA. CONTROLS @ SHOWER	40"	36" - 48"	36"	REFER TO ELEVATION
L. GRAB BAR	N/A	33" - 30" (E)	18" - 27" (E)	HEIGHT TO TOP OF GRAB BAR	AB. GRAB BAR @ SHOWER	N/A	33" - 36"	18" - 24"	HEIGHT TO TOP OF GRAB BAR
M. T.O. PART. PUSH PLATE	36"	34" - 48"	36"		AC. COUNTER HEIGHT	36" MAX	34" MAX	26" - 30" MAX	
N. SAN. NAP DISPENSER	40"	(C)	N/A		AD. BATHTUB	19"	18"	17"	
O. SAN. NAP DISPOSAL	18"	18" MIN (D)	N/A		AE. VERTICAL GRAB BAR	N/A	30" - 41"	21" - 30"	HEIGHT TO BOTTOM OF BAR AT TOILET STALL
P. WASTE RECEPTACLE	34"	(C)	24"		AF. BABY CHANGING STATION	27"	26" - 34" MAX (F)	N/A	

KEY NOTES:  
 (A) 30" TO SPOUT ABOVE FINISH FLOOR IS PERMITTED IF PARALLEL APPROACH COMPLYING WITH SECTION 305 IS PROVIDED, AND CLEAR FLOOR SPACE IS CENTERED ON DRINKING FOUNTAIN.  
 (B) 4" DEEP SHELF MAX FOR LOCATIONS IN A CLEAR FLOOR SPACE OR IN AN ACCESSIBLE PATH OF TRAVEL.  
 (C) UNOBSTRUCTED HEIGHT: 15" - 48" ABOVE FINISH FLOOR, UNOBSTRUCTED HEIGHT: 48" MAX ABOVE FLOOR WHERE MAX REACH DEPTH IS 20"; 44" MAX ABOVE FLOOR WHERE REACH DEPTH IS 20"-25". DISTANCE ABOVE FLOOR IS MEASURED TO OPERATOR OR DISPENSER LOCATION. REFER TO TABLE 603.6 FOR MAX REACH AND DEPTH DIMENSIONS.  
 (D) WHEN TOILET PAPER DISPENSER IS MOUNTED BELOW A GRAB BAR, PROVIDE MIN 1'-2" CLEAR BETWEEN TOP OF DISPENSER AND BOTTOM OF GRAB BAR.  
 (E) MOUNTING HEIGHT FOR GRAB BAR TO BE COORDINATED WITH ACCESSORIES MOUNTED BELOW GRAB BAR, AND WITH WATER CLOSET TANK/FLUSH VALVE.  
 (F) HEIGHT MEASURED TO TOP OF WORK SURFACE.

**TOILET FIXTURE AND ACCESSORY MOUNTING HEIGHT - ELEVATION**



**MATERIAL INDICATION**

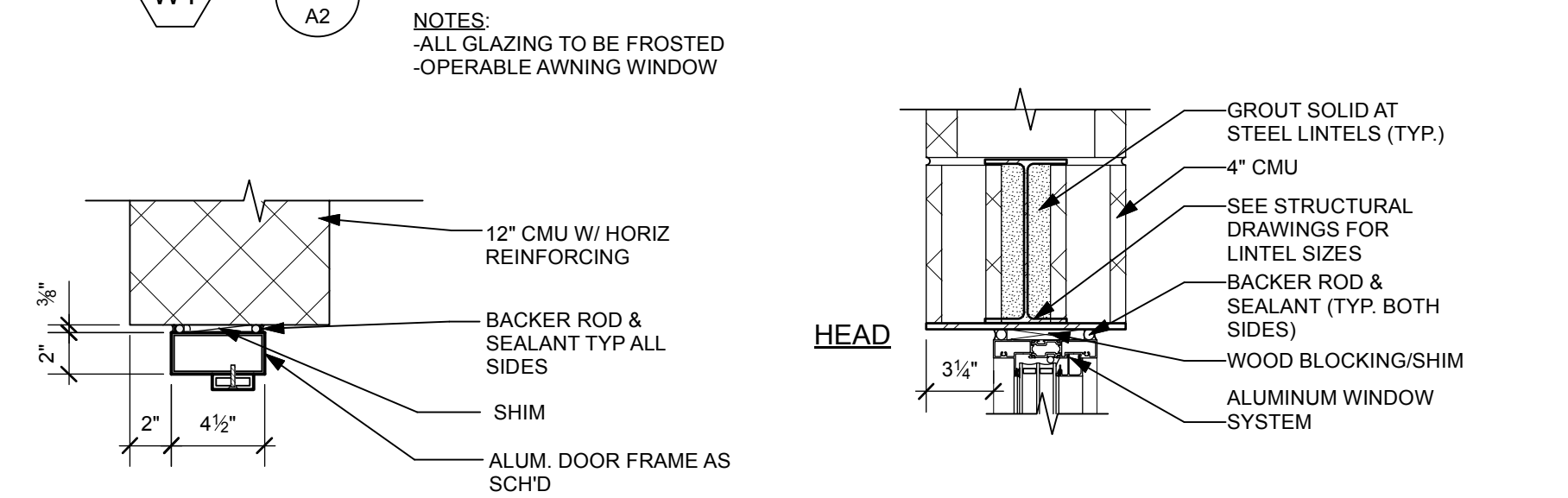
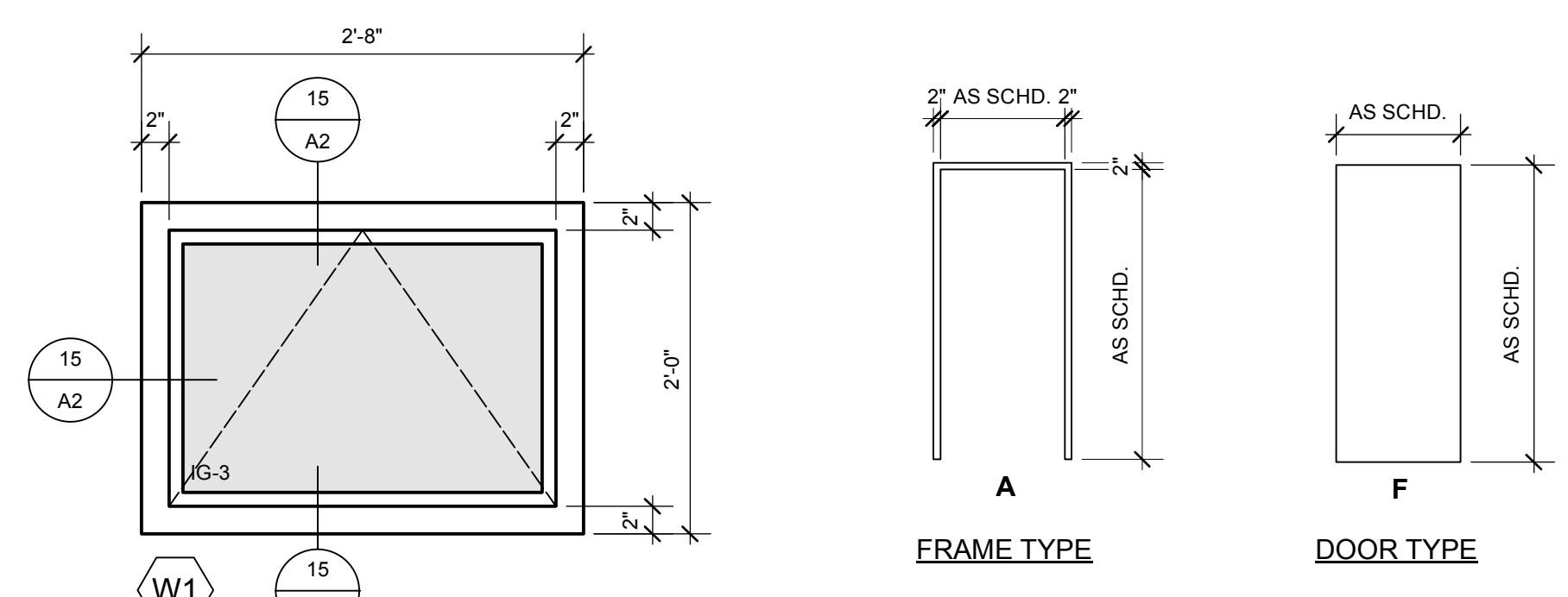


**ABBREVIATIONS**

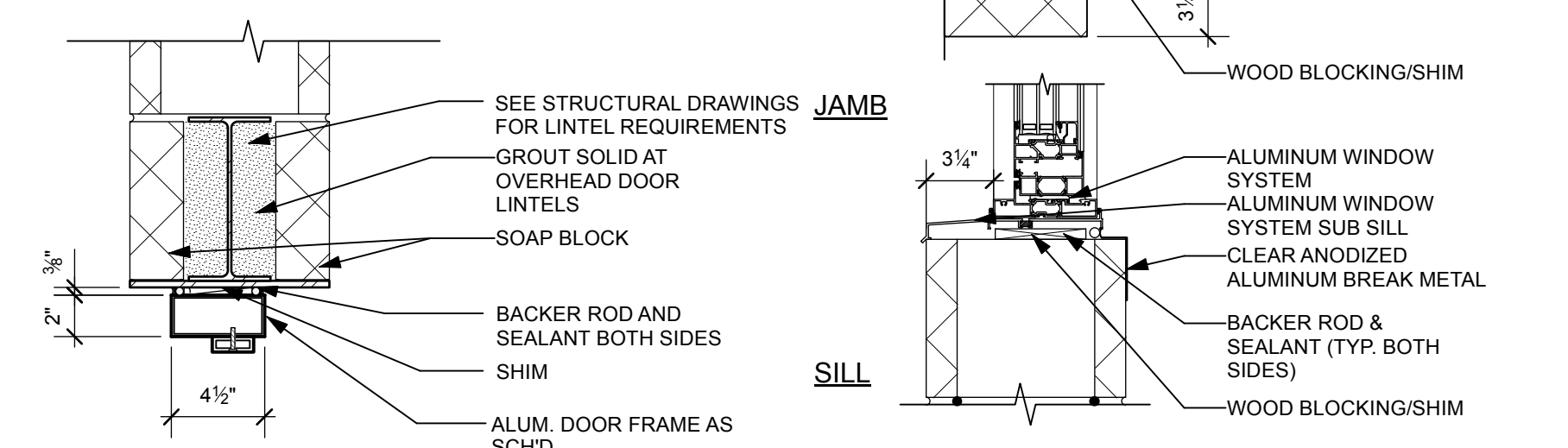
@: at ACM: asbestos containing material ACT: acoustical ceiling tile AD: access door ADJ: adjustable AFP: above finish floor AL: aluminum ALT: alternate AP: access panel APPROX: approximately ARCH: architectural ASSY: assembly AVG: average AWP: acoustic wall panel BD: board BLDG: building BLK: blocking BM: bench mark BO: bottom BT: bottom of BR: bumper rail BS: backsplash or both sides BSMT: basement BUR: built-up roof C: courses CL: center line CC: chalkboard CC: curtain CFM: cubic foot per minute CFT: cubic foot CG: corner guard CI: control joint CL: ceiling CLR: clear CMU: concrete masonry unit COL: column CON: concrete CONST: construction CONT: continue or continuous CONV: convactor COORD: coordinate CTR: control CSWK: casework CT: ceramic tile CTR: control CW: curtainwall CMT: ceramic wall tile CU: cubic CFT: cubic DF: drinking fountain DHW: domestic hot water DIA: diameter DIM: dimension DN: down DIV: division DPCD: deck plate clean out DR: door DTL or DET: detail DWG: drawing EA: each E: east EG: insulating glass EB: expansion bolt EF: exhaust fan EIFS: exterior insulation finish system EL or ELEV: elevation ELEC: electric ENGR: engineer EPDM: ethylene propylene diene monomer EQ: equal EQP or EQUIP: equipment ETC: etcetera ETR: existing to remain EWC: electric water cooler EJ: expansion joint EXCA: excavation EXG: existing EXP: expansion or exposed EXT: exterior FAB: fabric FD: floor drain FE: fire extinguisher FFC: fire extinguisher cabinet FF: finish floor FIB: fiberglass FLG: flashing FLR: floor FND: foundation FO: face of FP: fireproof or fire protection FR: fire rated MS: miscellaneous FRG: fire rated glass FRP: fiber reinforced plastic FSTN: fastener FTG: footing FUR: furnace FWC: fabric wall covering GA: gauge GB: grab bar GCT: glazed ceramic tile GD or GR: grade GL: glass GPR: gypsum drywall GV or GALV: galvanized GWT: glazed wall tile GYP: gypsum H: height HAW: hollow metal DIM: dimension HPC: high performance coating HR: hour HT or HGT: height HVAC: heating, ventilating, & air conditioning HW: hardware HWD: hardwood ID: inside diameter IG: insulating glass INS or INSUL: insulation INT: interior INV: invert ITFG: insulated tempered float glass INFO: information INB: interactive white board JST: joint JC or JAN: janitor's closet JT: joint ETX: existing to remain KP: kickplate LIN: linoleum LKR: locker LCC: location LLH: long leg horizontal LLV: long leg vertical REV: revision(s) or revised RFD: rubber floor tile RFG: roofing RM: room RO: roof opening RSL: resilient sports flooring RSL: rubber stair landings RSR: rubber stair risers RTI: rubber stair treads RT: rubber tile RW: rainwater conductor S: south SC: stained concrete SCH or SCHD: schedule SECT: section SFC: self face cmu SF or SQF: square foot SGT: structural glazing facing tile SH: sheet SHG: shading SIA: similar SIN or SQIN: square inch SK: sink SPEC: specification SQY: square SS: solid surface SFC: owner furnished contractor installed OH: overhead door STA: station OPP: opening ST: stiffener STN: stain STOR: storage STRUCT: structural SUSP: suspended SVF: sheet vinyl flooring SY or SQYD: square yard T: tread TB: tackboard T&B: top and bottom T&G: tongue and groove TEMP: temperature or temp TER or TZ: terrazzo TH: thickness THD: threshold TH or THICK: thickness TLT or TOLL: toilet TO: top of TOC or T/C: top of concrete TOF or T/F: top of footing TOJ: top of joint TOM: top of masonry TOW: top of wall TP: translucent (d/ding) TPO: thermoplastic polyolefin TYP: typical REV: revision(s) or revised RFD: rubber floor tile RFG: roofing RM: room RO: roof opening RSL: resilient sports flooring RSL: rubber stair landings RSR: rubber stair risers RTI: rubber stair treads RT: rubber tile RW: rainwater conductor S: south SC: stained concrete SCH or SCHD: schedule SECT: section SFC: self face cmu SF or SQF: square foot SGT: structural glazing facing tile SH: sheet SHG: shading SIA: similar SIN or SQIN: square inch SK: sink SPEC: specification SQY: square SS: 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DOOR SCHEDULE														
DOOR NO.	DOOR TYPE	WIDTH	HEIGHT	THICK.	MTL.	GLASS	FRAME			ASSEMBLY			HWDR SET #	NOTES
							HEAD DETAIL	JAMB DETAIL	WIDTH	MTL.	FINISH	SADDLE LABEL		
<b>FIRST FLOOR</b>														
T-01	F	3'0"	7'2"	1 3/4"	FRP	-	A	12/A2	11/A2	4 1/2"	AL	-	07	
T-02	F	3'0"	7'2"	1 3/4"	FRP	-	A	12/A2	11/A2	4 1/2"	AL	-	07	
T-03	F	3'0"	7'2"	1 3/4"	FRP	-	A	12/A2	11/A2	4 1/2"	AL	-	04	

NOTES:  
1. LINE INDICATES LOCATION OF ACCENT WALL - PAINT PT-2



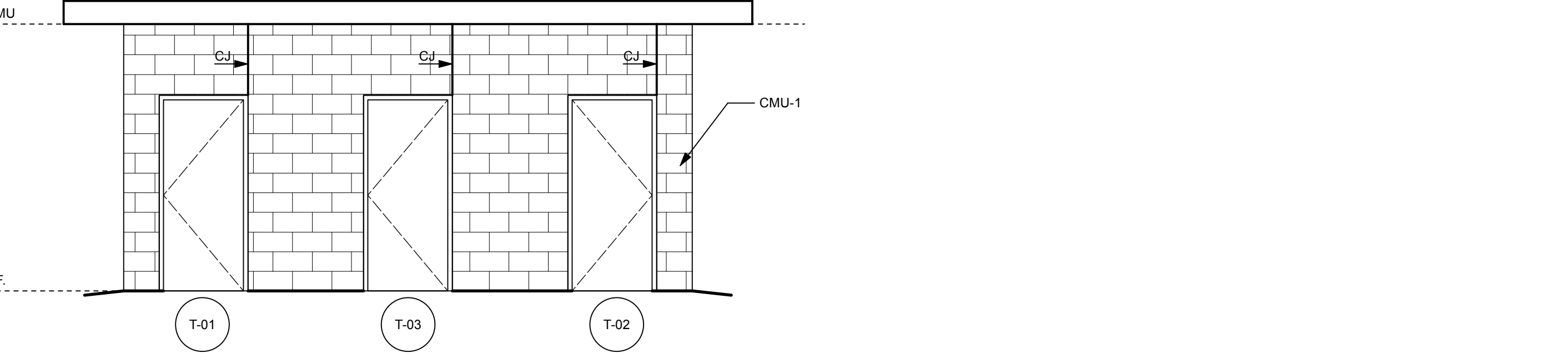
**ALUM. DOOR JAMB DETAIL**  
Scale: 1 1/2" = 1'-0"



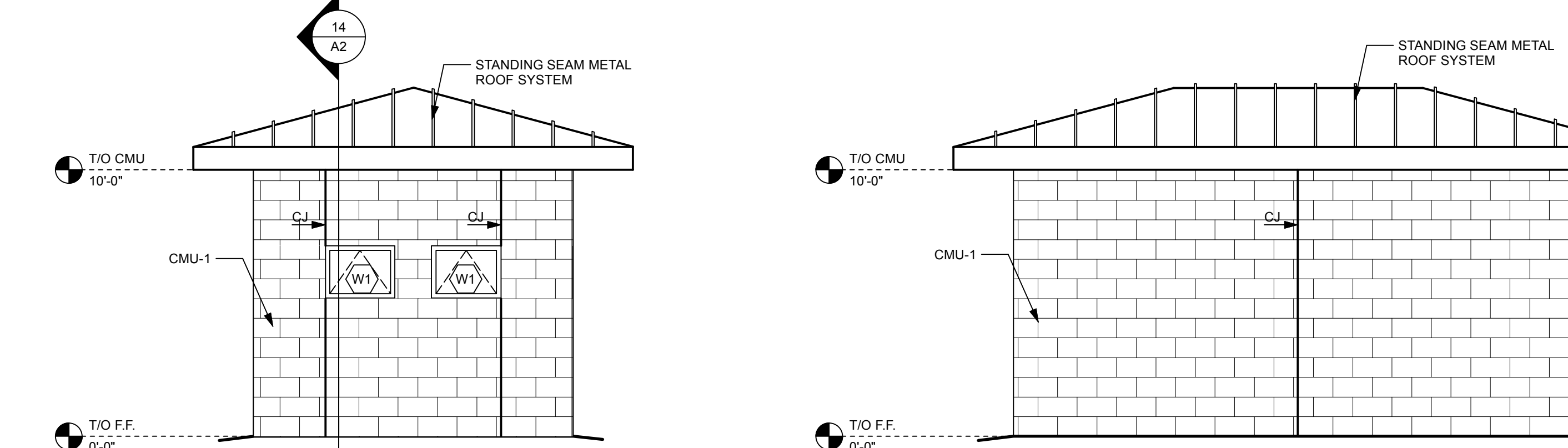
**ALUM. DOOR HEAD DETAIL**  
Scale: 1 1/2" = 1'-0"



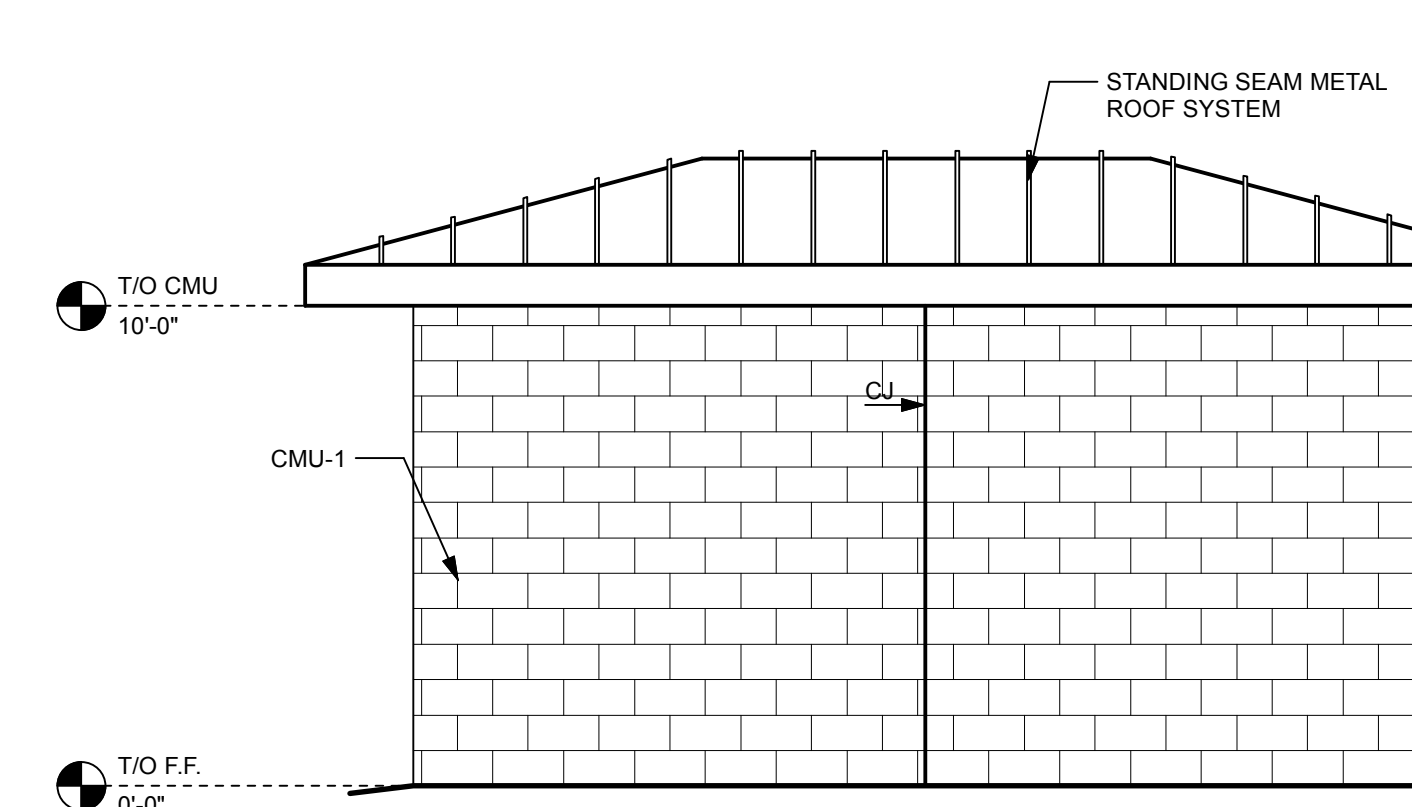
**WINDOW DETAILS**  
Scale: 1 1/2" = 1'-0"



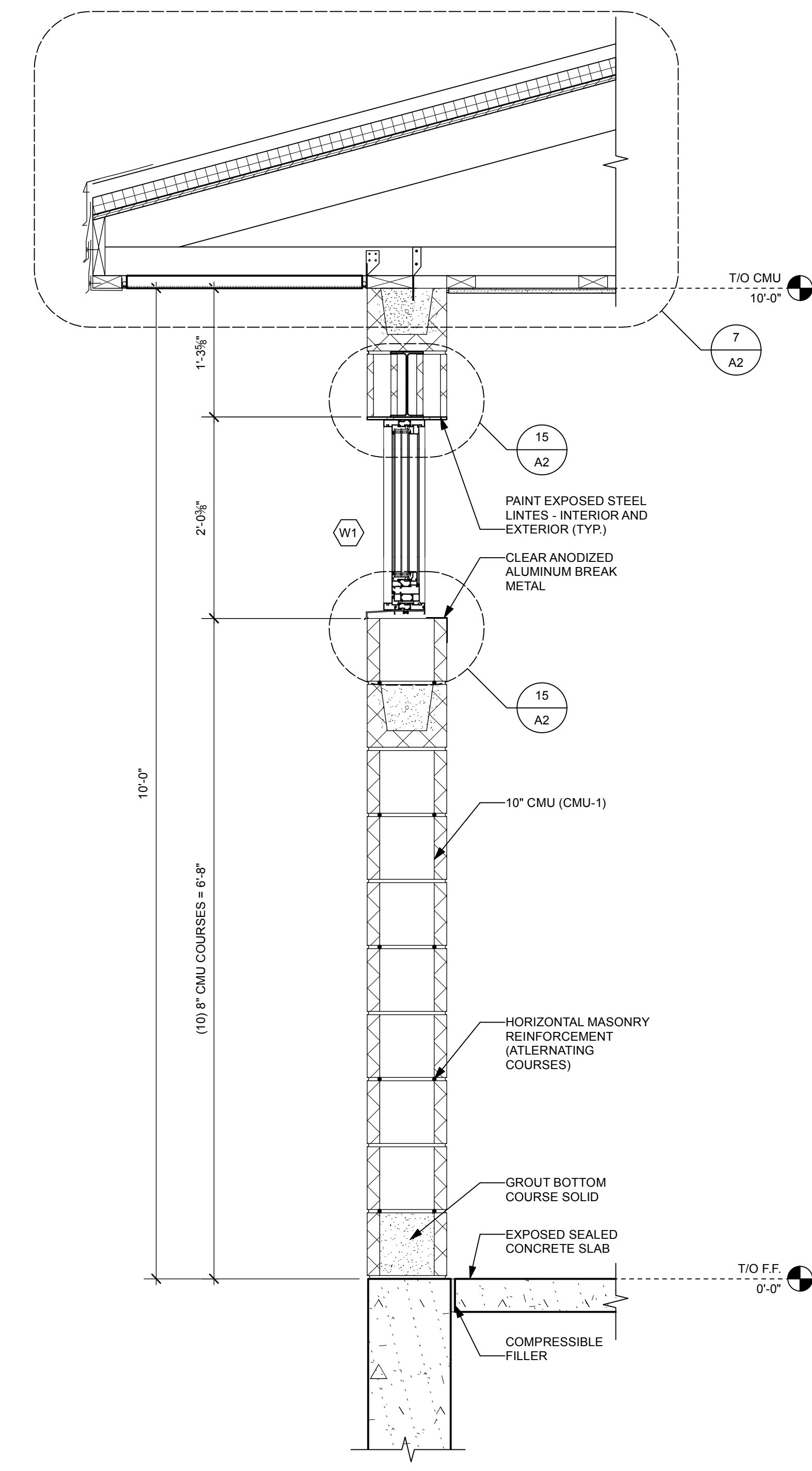
**NORTH ELEVATION**  
Scale: 1/4" = 1'-0"



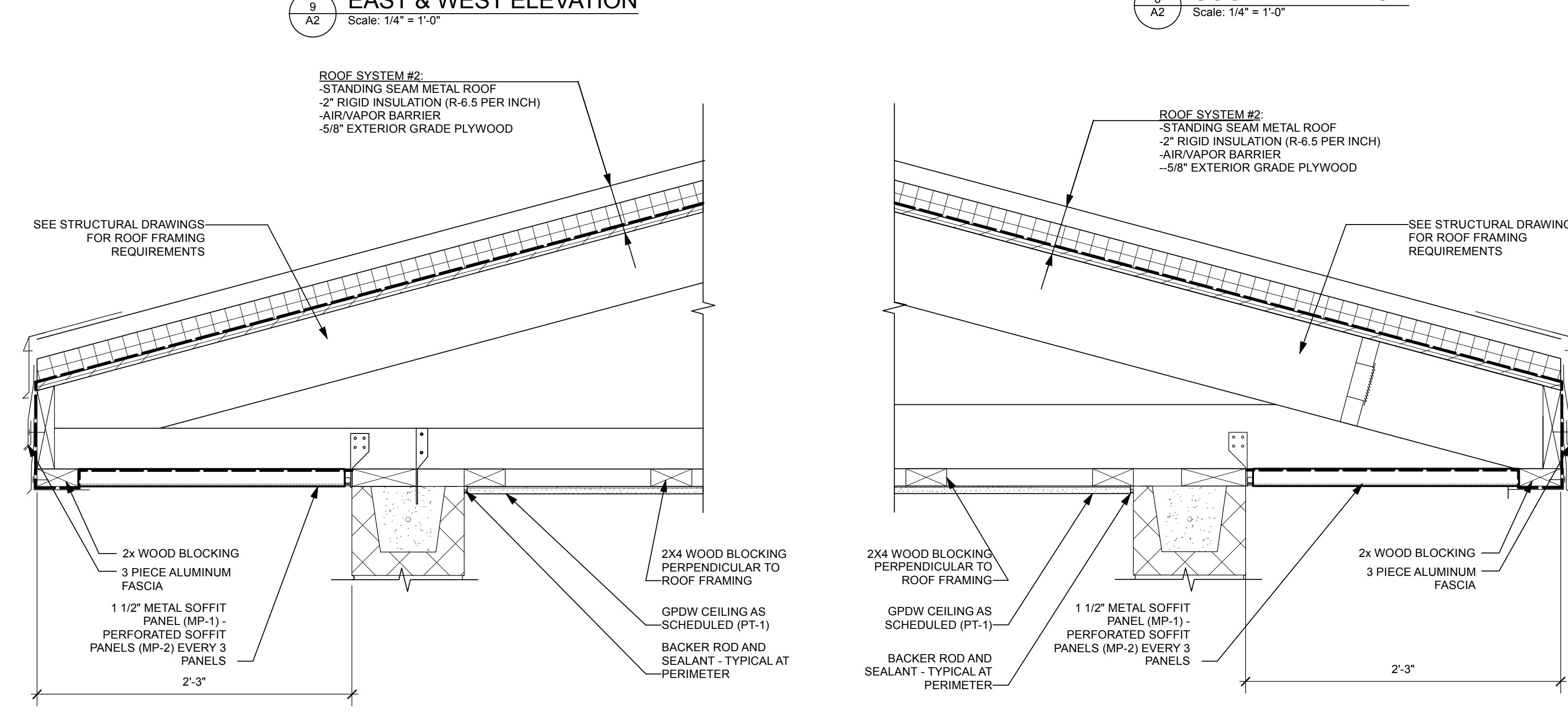
**EAST & WEST ELEVATION**  
Scale: 1/4" = 1'-0"



**SOUTH ELEVATION**  
Scale: 1/4" = 1'-0"



**WALL SECTION**  
Scale: 1" = 1'-0"



**ROOF DETAIL**  
Scale: 1 1/2" = 1'-0"

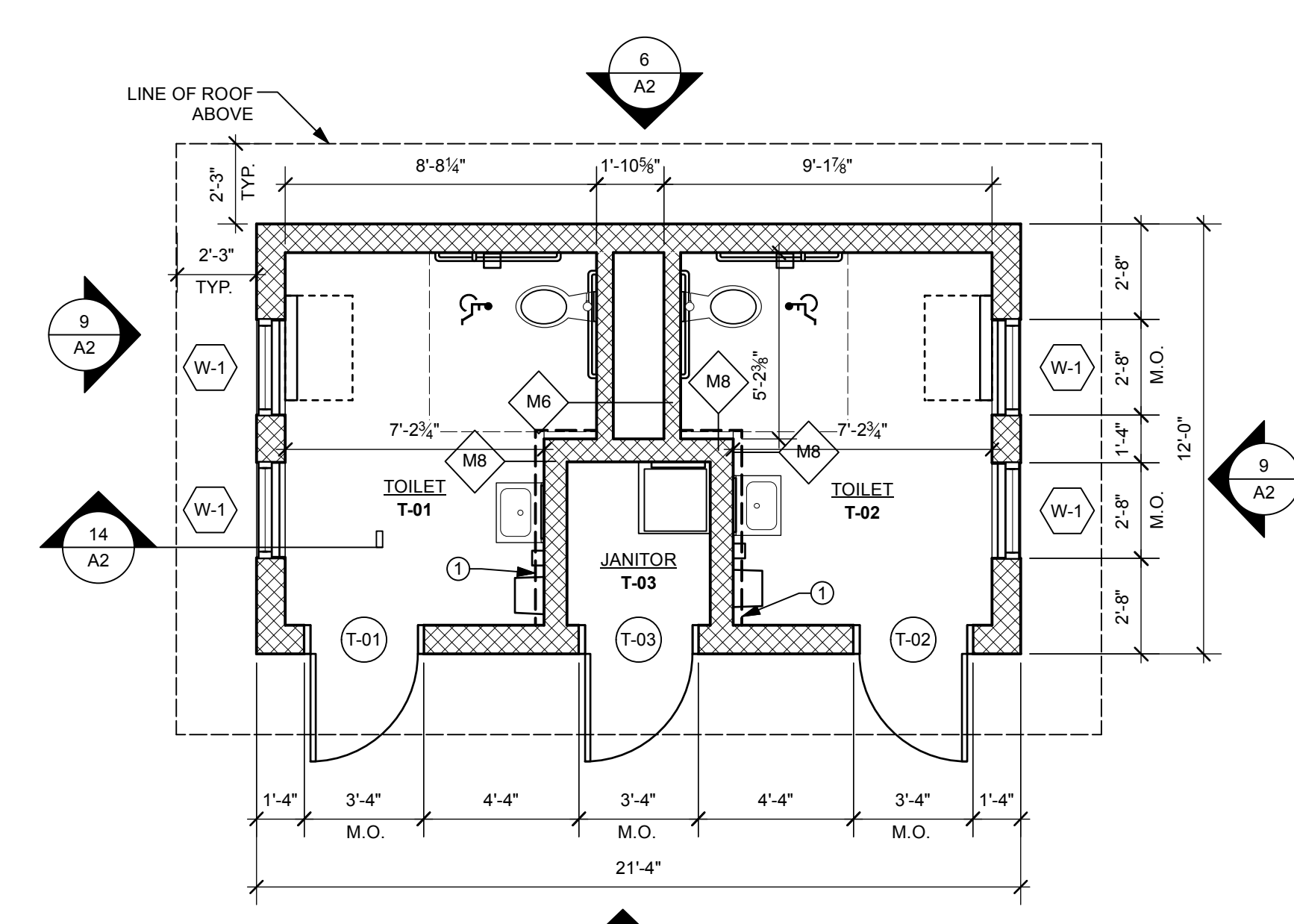
**ROOF DETAIL**  
Scale: 1 1/2" = 1'-0"

FINISH LEGEND - TOILET ROOM BUILDING			
FINISH	MANUFACTURER	STYLE	COLOR
HIGH PERFORMANCE COATING HPC-1	NEOGARD	70714-15 CRU	TBD
PAINT PT-1 (FIELD) PT-2 (ACCENT) PT-3 (CEILING)	SHERWIN WILLIAMS	PURE WHITE	SW 7005
	SHERWIN WILLIAMS	TANSY GREEN	SW 6024
	SHERWIN WILLIAMS	CEILING BRIGHT WHITE	SW 7007
RUBBER BASE RB-1	ROPPE	PINNACLE	150 DARK GRAY
EXPOSED	NO FINISHES		

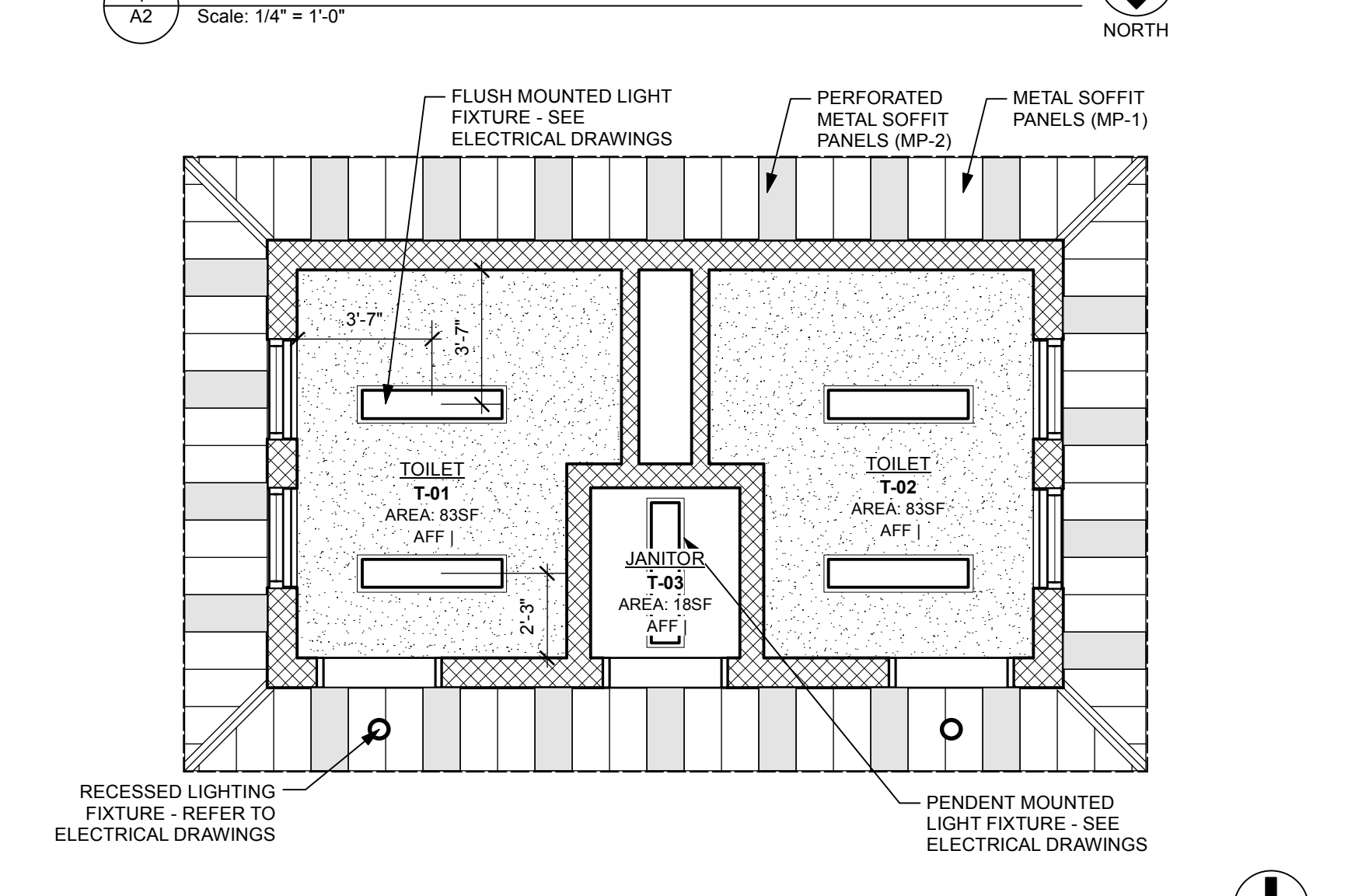
FIRST FLOOR FINISH SCHEDULE - TOILET ROOM BUILDING									
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH	CEILING FINISH	KEYED NOTES
<b>FIRST FLOOR</b>									
T-01	TOILET	HPC-1	RB-1	-	-	-	PT-1 / PT-2	PT-3	1
T-02	TOILET	HPC-1	RB-1	-	PT-1 / PT-2	-	-	PT-3	1
T-03	JANITOR	HPC-1	RB-1	-	PT-1	PT-1	PT-1	-	-

**GENERAL NOTES**  
A. SEE INTERIOR ELEVATIONS, SECTIONS, REFLECTED CEILING PLANS, CONSTRUCTION AND FINISH FLOOR PLANS FOR FINISH LOCATIONS.  
B. REFER TO REFLECTED CEILING PLANS FOR CEILING AND SOFFIT HEIGHTS.

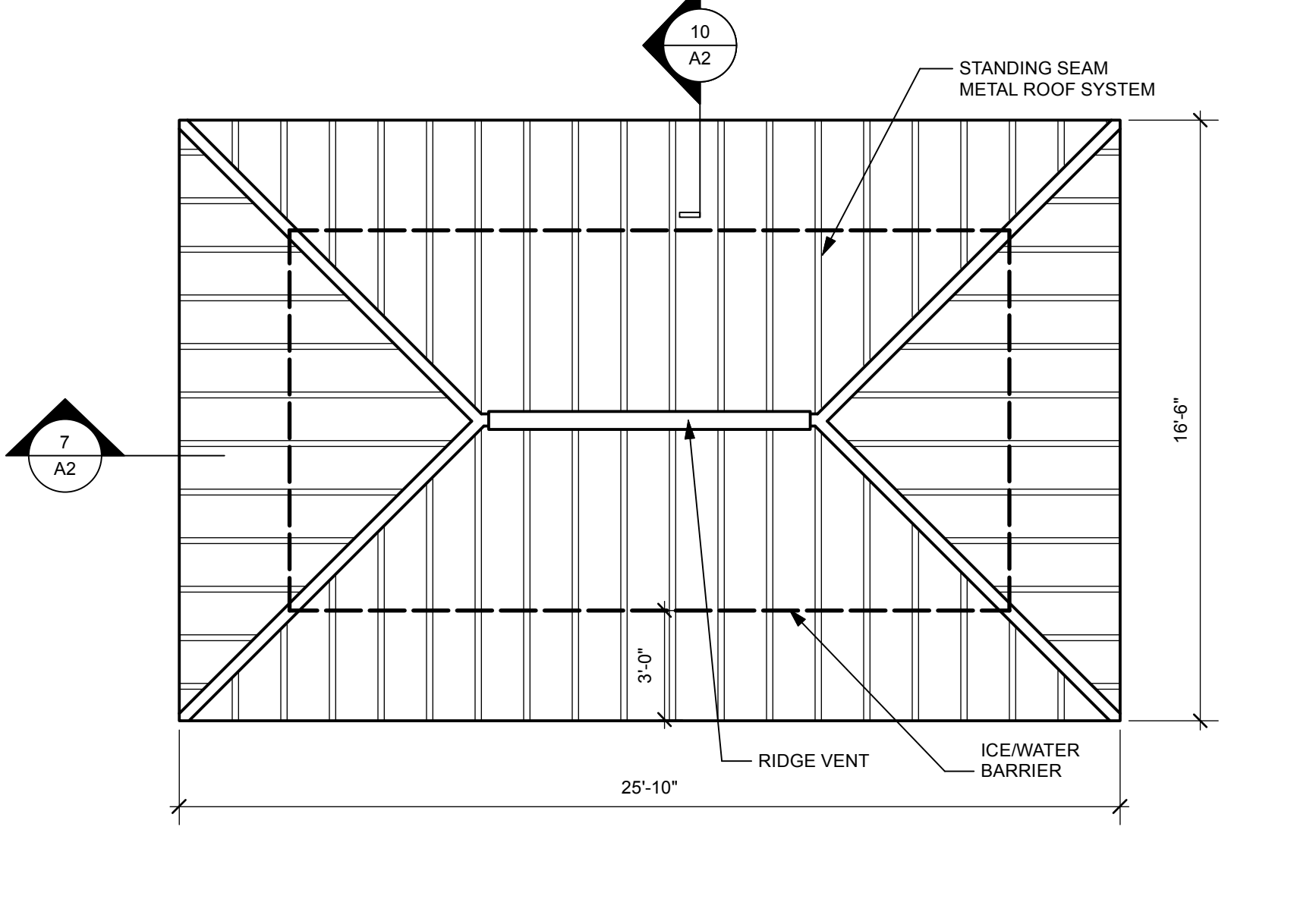
**KEYED NOTES**  
1. REFER TO DRAWING A4 FOR LOCATIONS OF ACCENT WALLS.



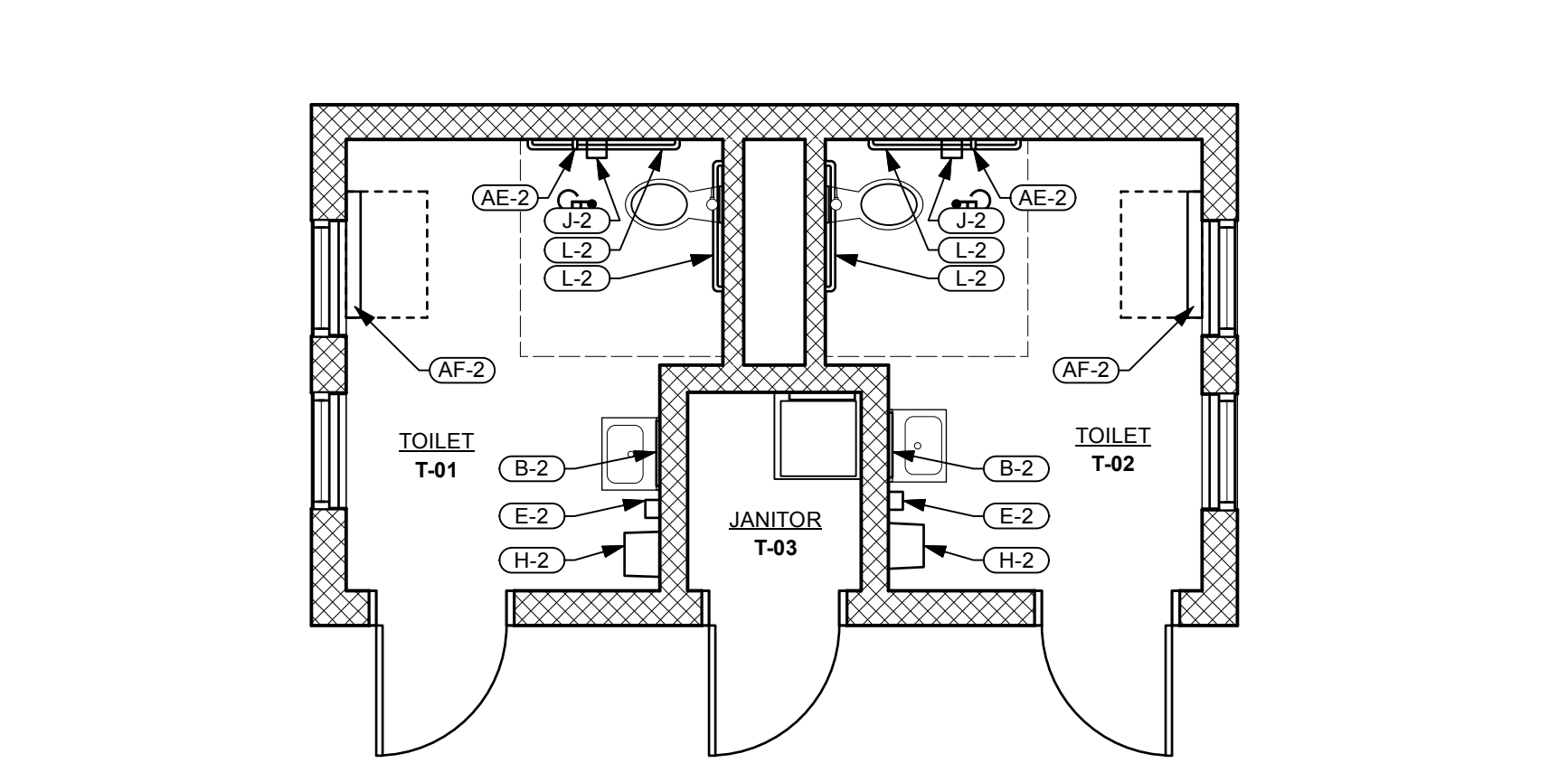
**TOILET ROOM BUILDING - CONSTRUCTION PLAN**  
Scale: 1/4" = 1'-0"



**TOILET ROOM BUILDING - REFLECTED CEILING PLAN**  
Scale: 1/4" = 1'-0"



**TOILET ROOM BUILDING - ROOF PLAN**  
Scale: 1/4" = 1'-0"



**TOILET ROOM BUILDING - TOILET ACCESSORIES PLAN**  
Scale: 1/4" = 1'-0"



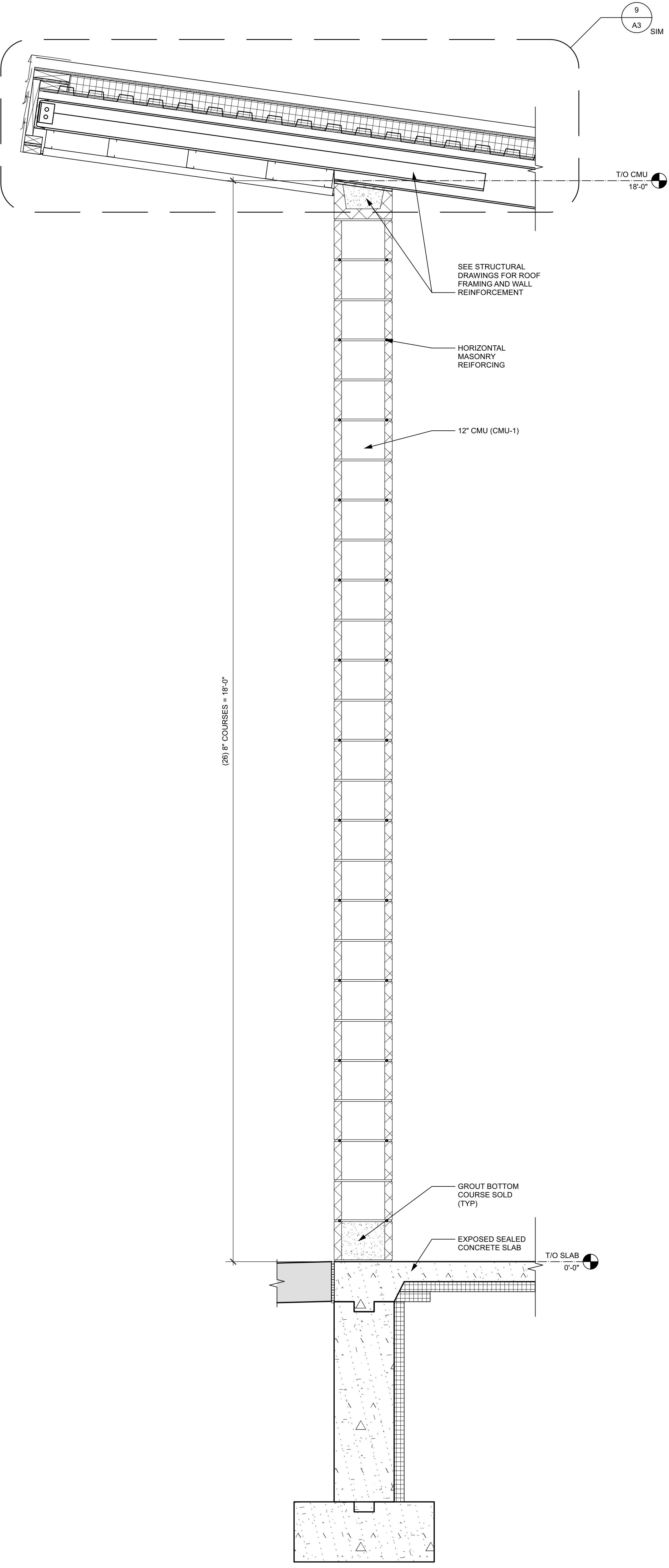
**Willis V. Carrier Recreation Center - Phase 3**  
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Revisions:	
No.	Date
Project Number:	TOD-PH3
Drawn By:	X
Checked By:	X
Scale:	AS SHOWN

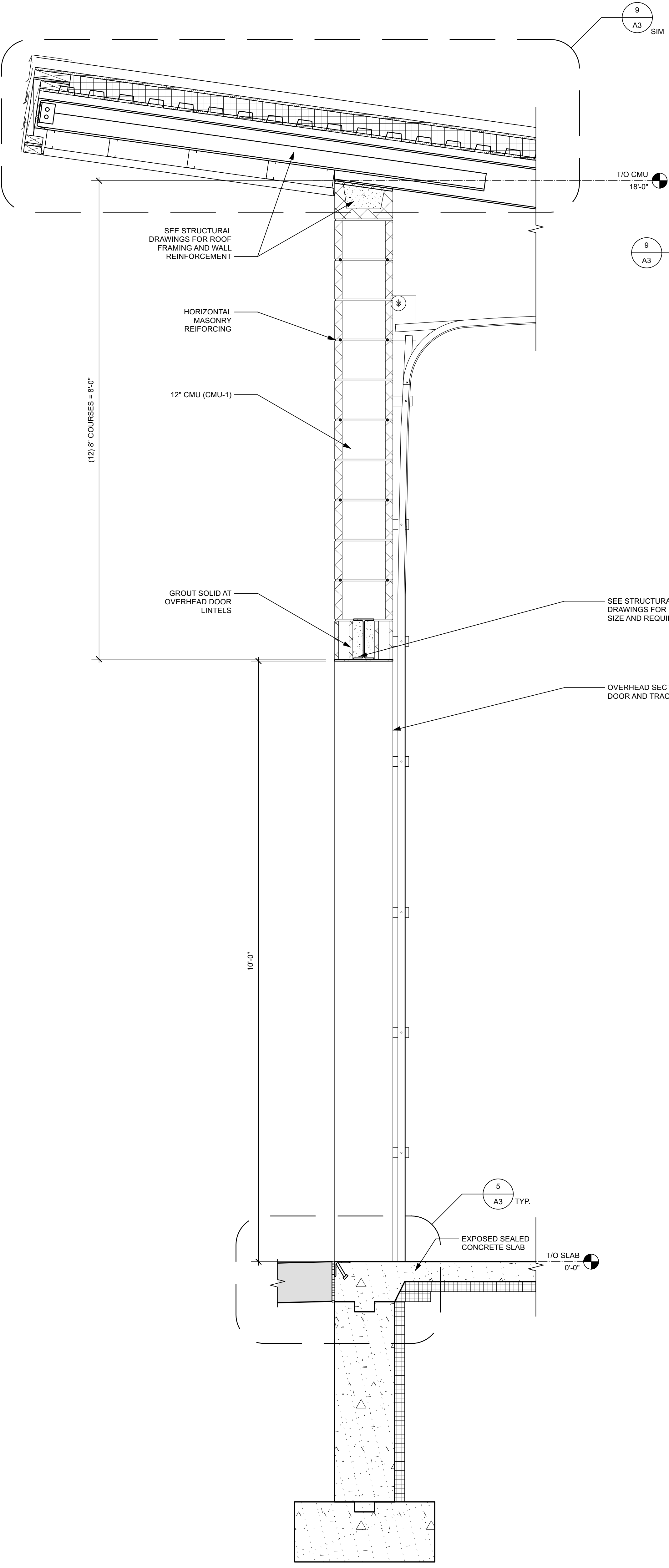
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Date: DECEMBER 16, 2024  
Drawing No.: MAINTENANCE BUILDING - WALL SECTIONS  
Sheet Number:

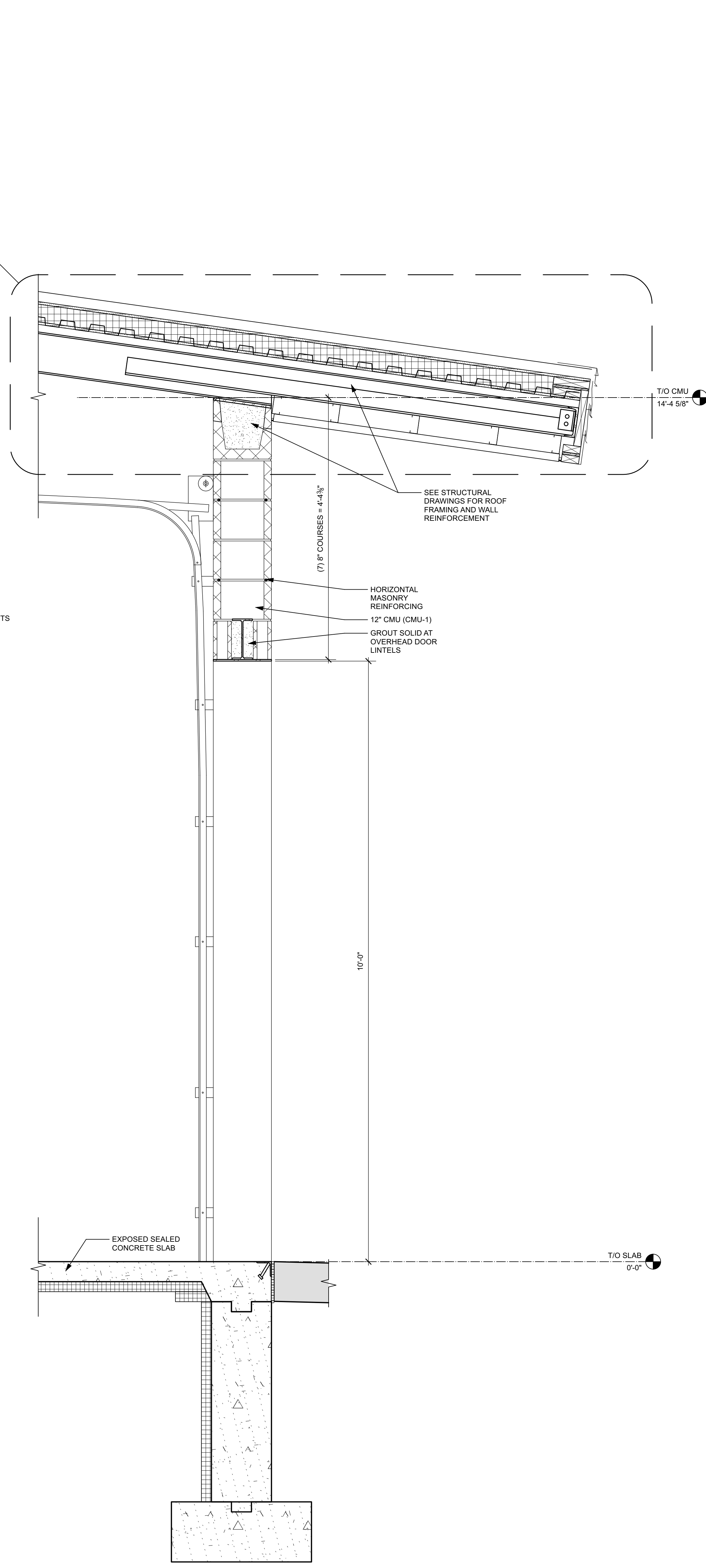
**A4**



**1 WALL SECTION**  
Scale: 1" = 1'-0"



**2 WALL SECTION**  
Scale: 1" = 1'-0"



**3 WALL SECTION**  
Scale: 1" = 1'-0"

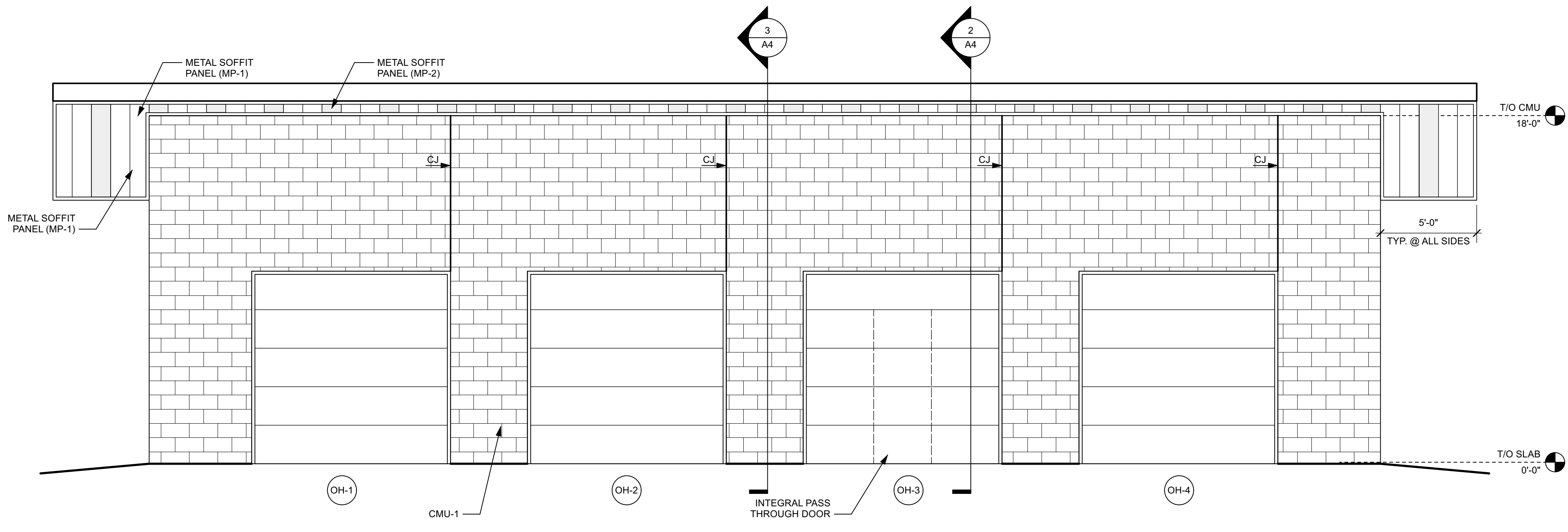
Revision	No.	Date	Issued For

Project Number: TOD-PK10  
Drawn By: X  
Checked By: X  
Scale: AS SHOWN

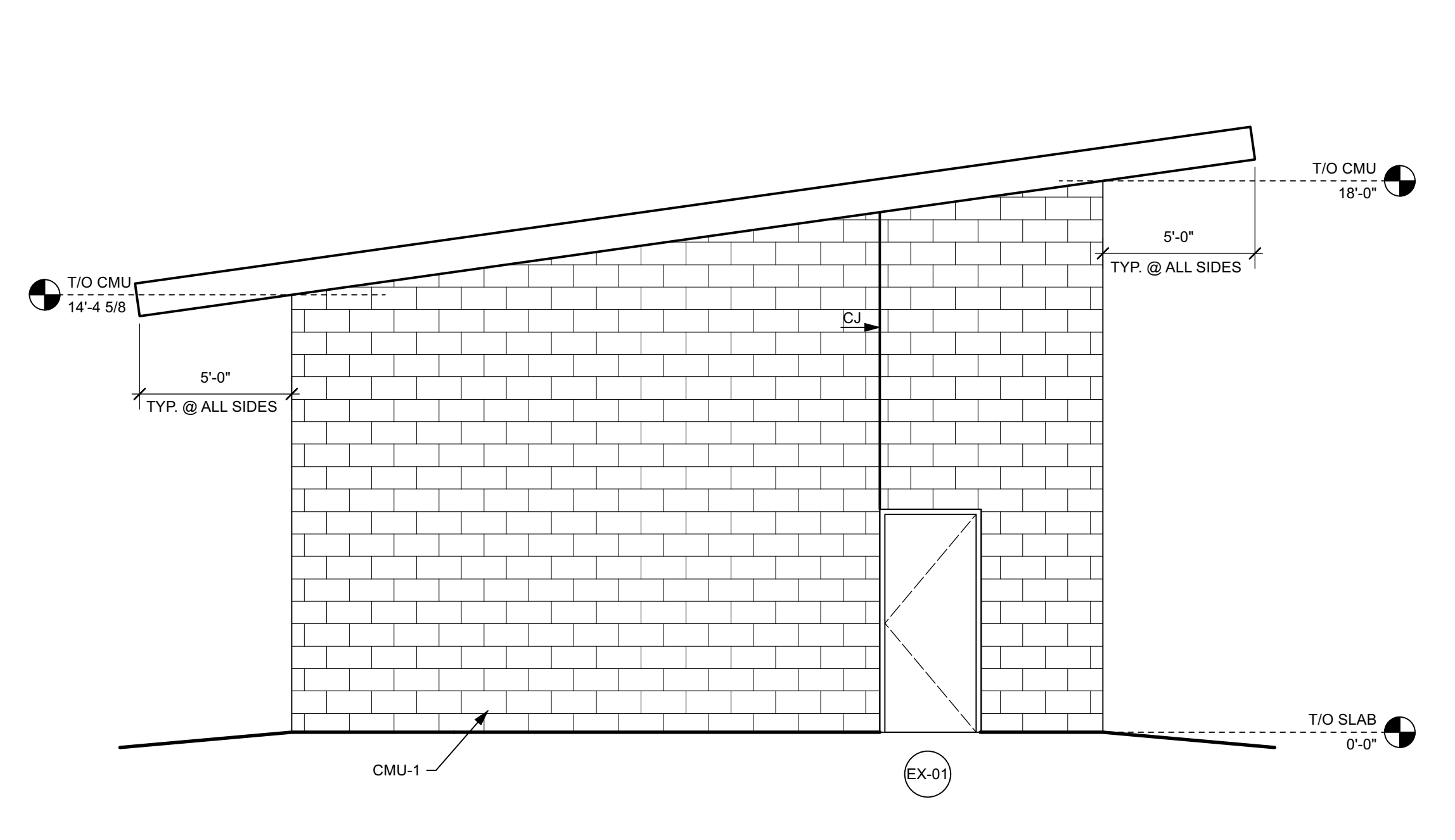
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Date: DECEMBER 16, 2024  
Drawing No.: MAINTENANCE BUILDING - EXTERIOR ELEVATIONS  
Sheet Number:

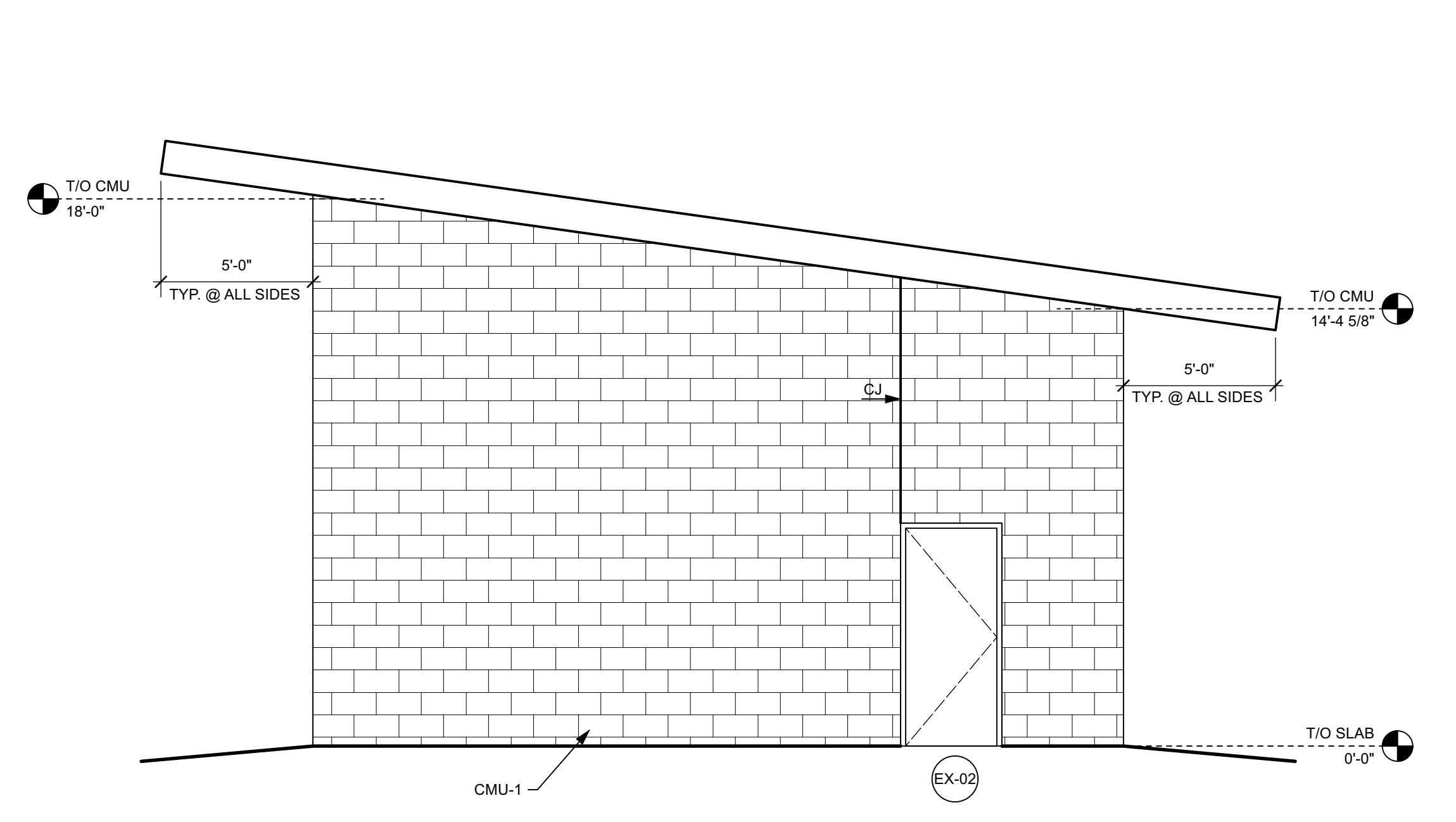
A5



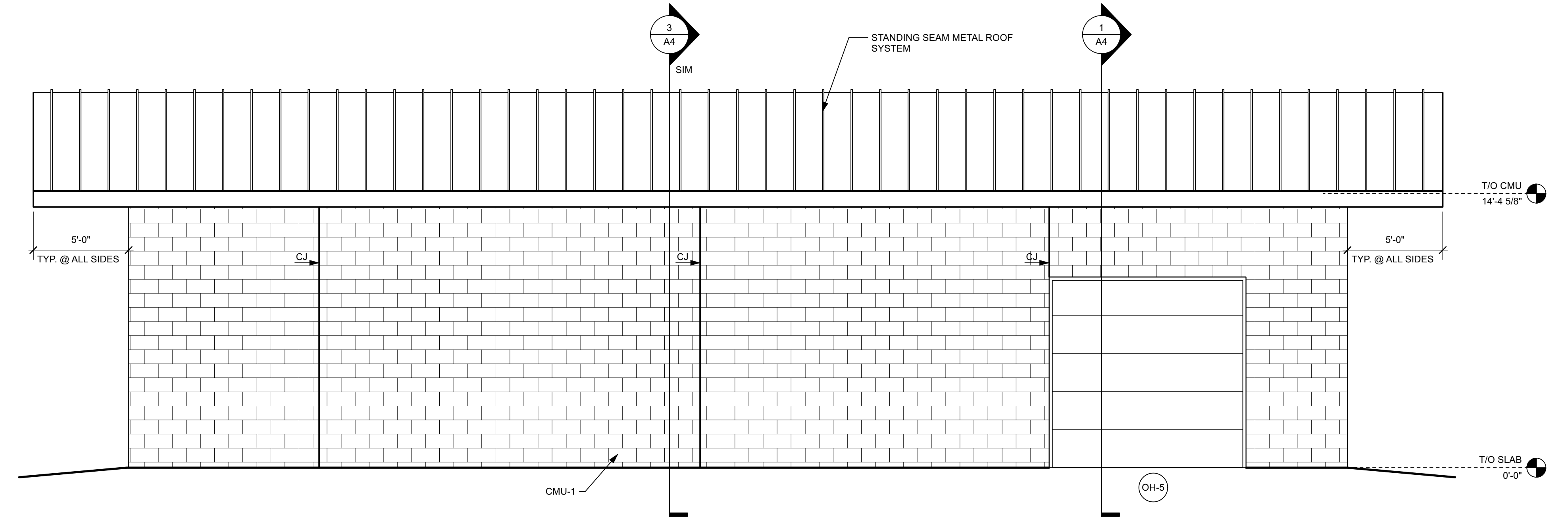
2 NORTH ELEVATION  
A5 Scale: 1/4" = 1'-0"



1 EAST ELEVATION  
A5 Scale: 1/4" = 1'-0"



4 WEST ELEVATION  
A5 Scale: 1/4" = 1'-0"



3 SOUTH ELEVATION  
A5 Scale: 1/4" = 1'-0"



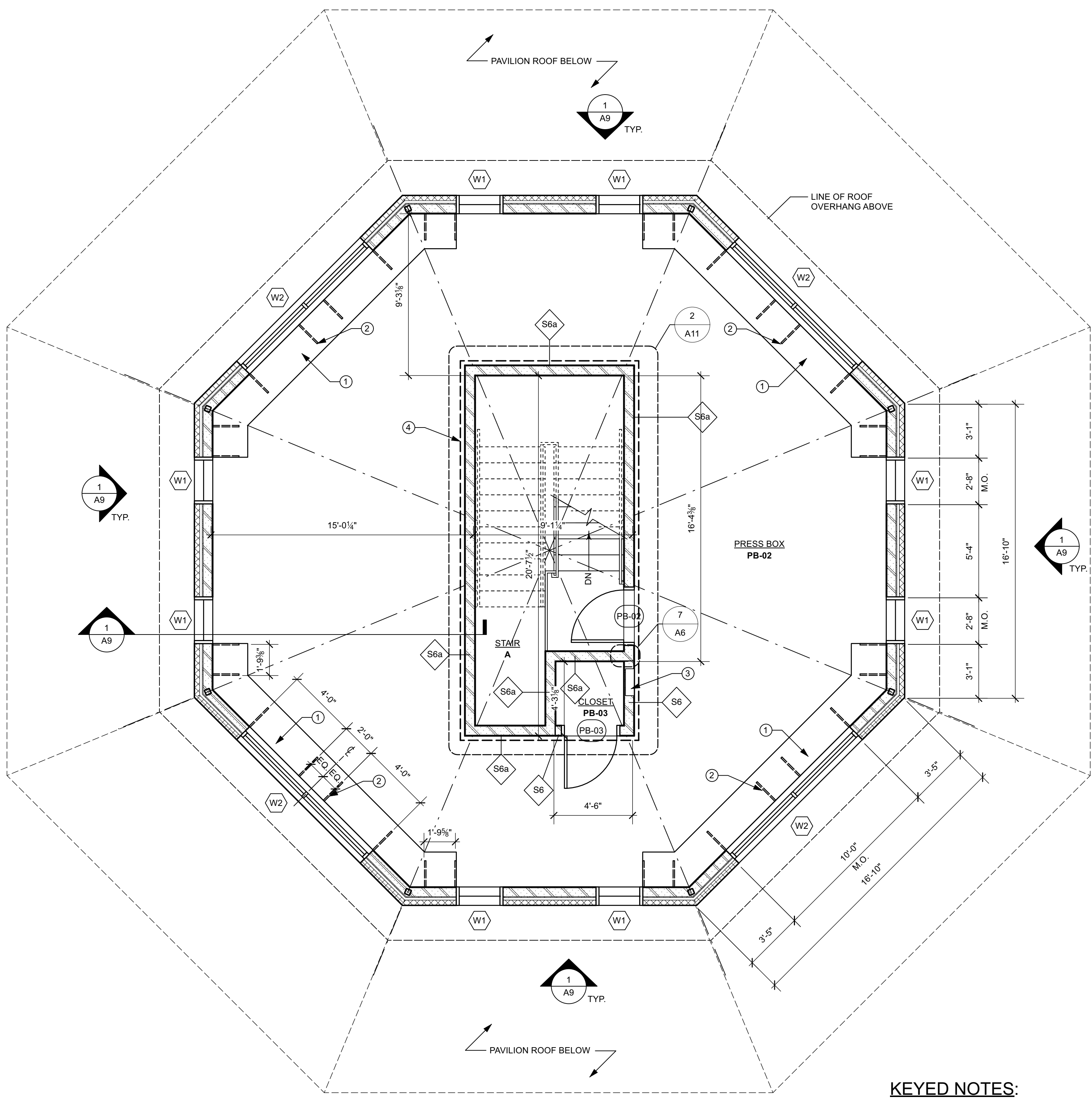
Willis V. Carrier Recreation Center - Phase 3  
Town of Dewitt  
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EAST SYRACUSE, NEW YORK 13057

Revised:	No.	Date	Issued For
Project Number:	TOD-PH3		
Drawn By:	X		
Checked By:	X		
Scale:	AS SHOWN		

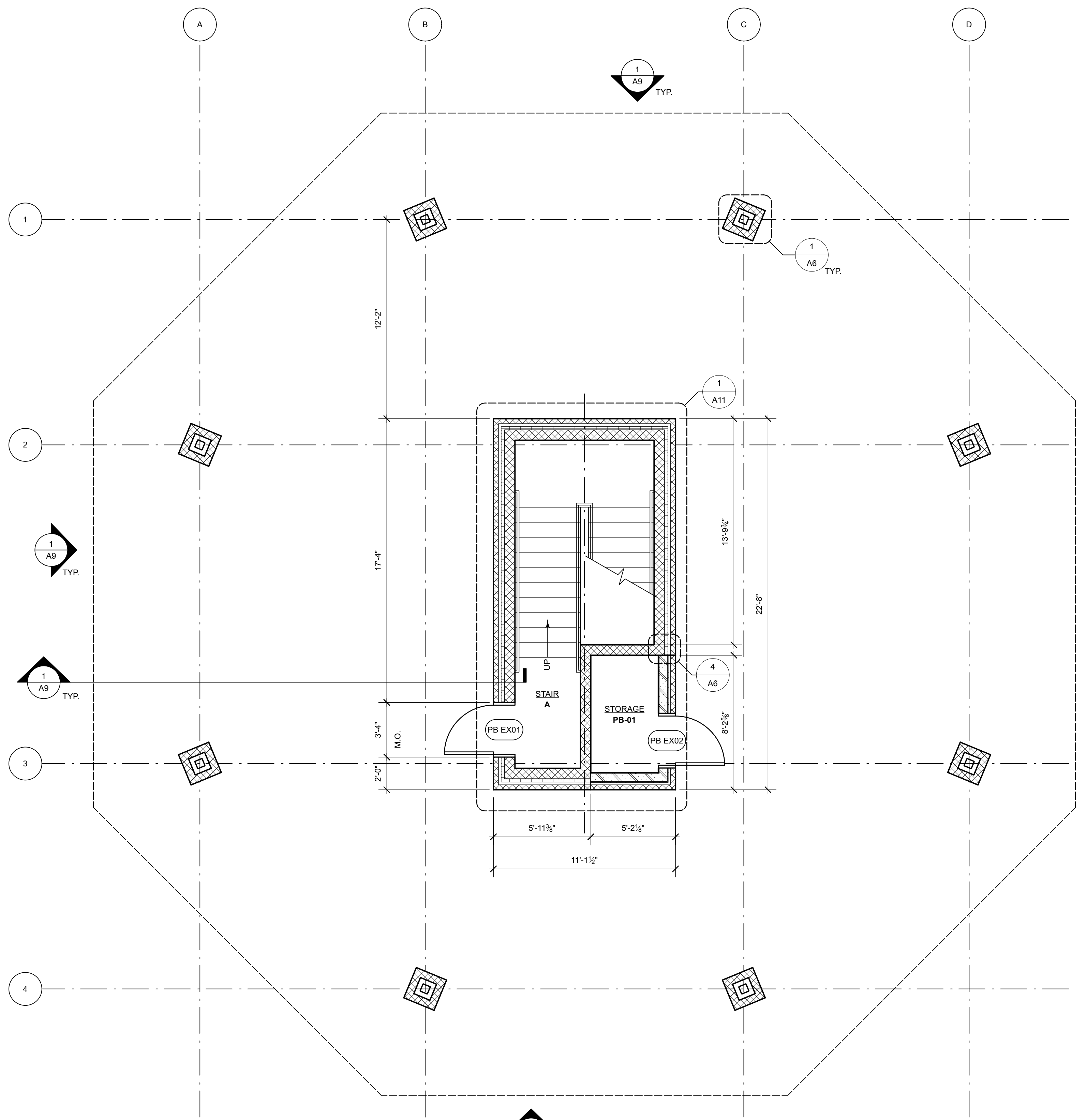
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Date: DECEMBER 16, 2024  
Drawing: PRESS BOX - PLANS & DETAILS  
Sheet Number:

A6

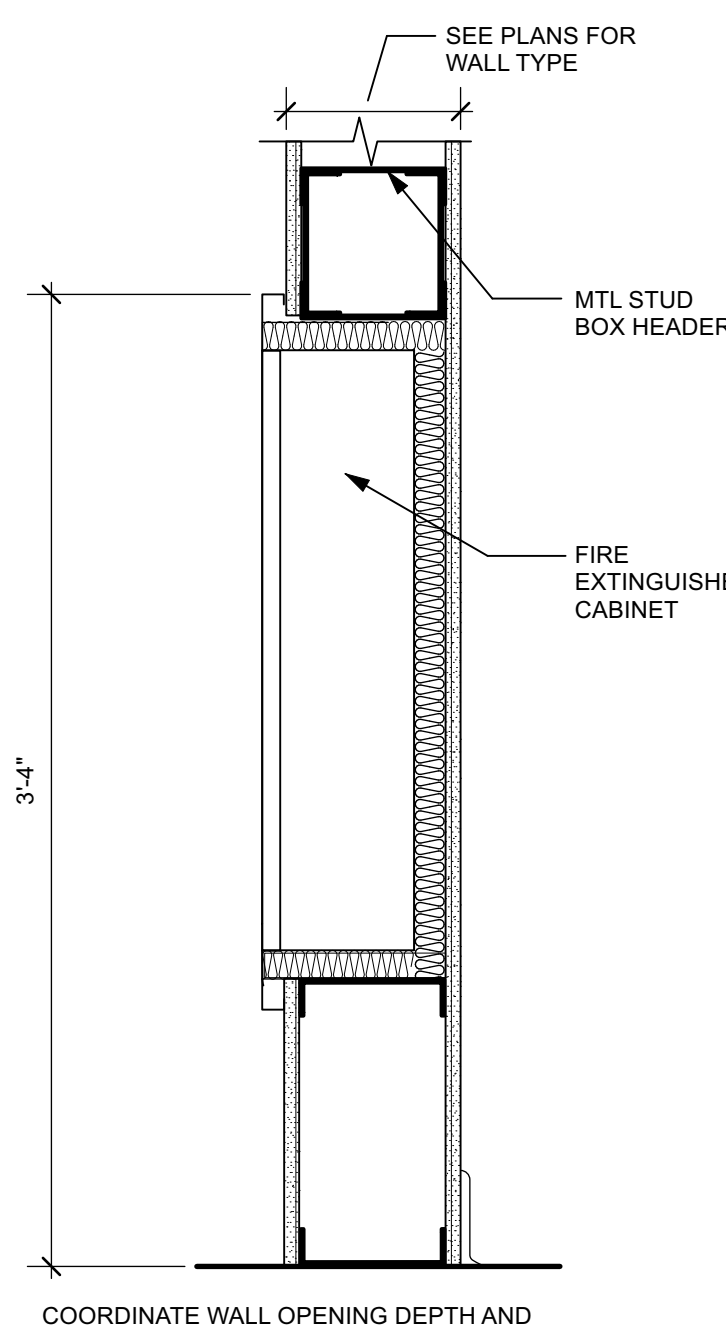


3 SECOND FLOOR CONSTRUCTION PLAN  
Scale: 1/4" = 1'-0"  
NORTH

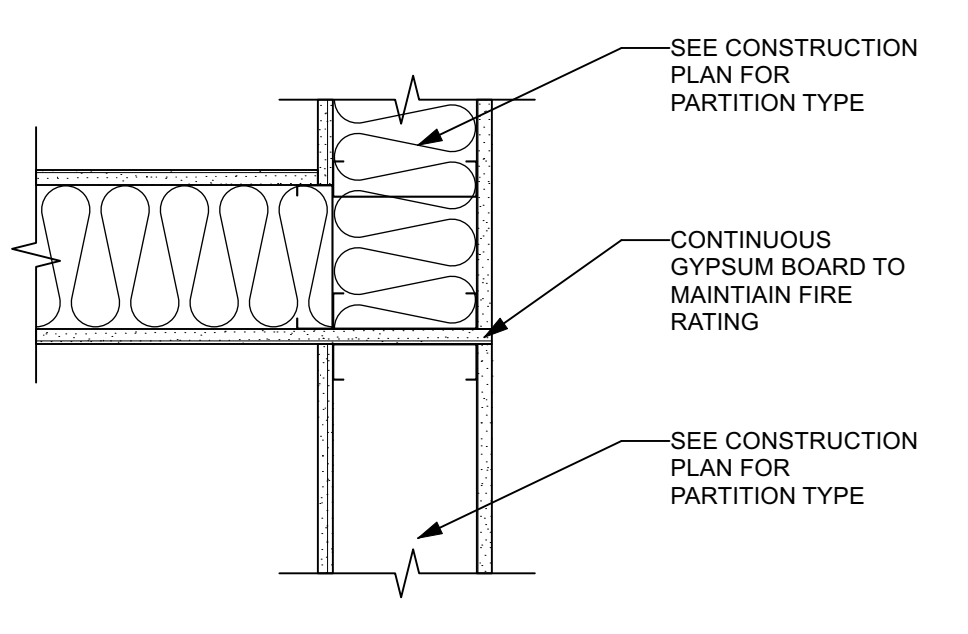


2 FIRST FLOOR CONSTRUCTION PLAN  
Scale: 1/4" = 1'-0"  
NORTH

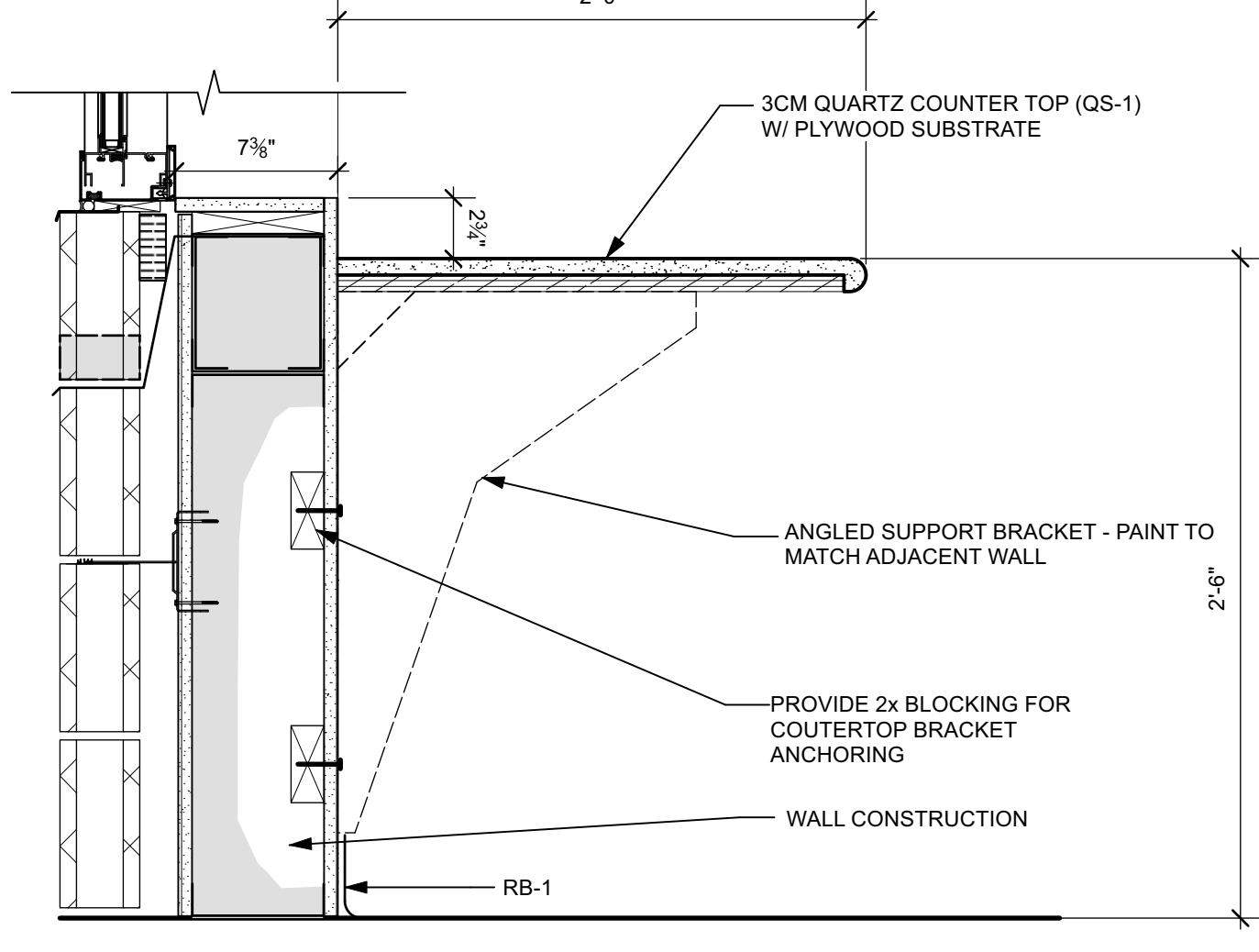
- KEYED NOTES:**
- ① QUARTZ COUNTER TOP - SEE DETAIL 6/A6. COORDINATE WITH OWNER FOR LOCATION OF GROMMETS
  - ② STEEL COUNTER TOP SUPPORT BRACKETS - PAINT TO MATCH ADJACENT WALL
  - ③ FIRE EXTINGUISHER CABINET - SEE DETAIL 8/A6.
  - ④ LINE INDICATES LOCATION OF ACCENT WALL - PAINT P1-2



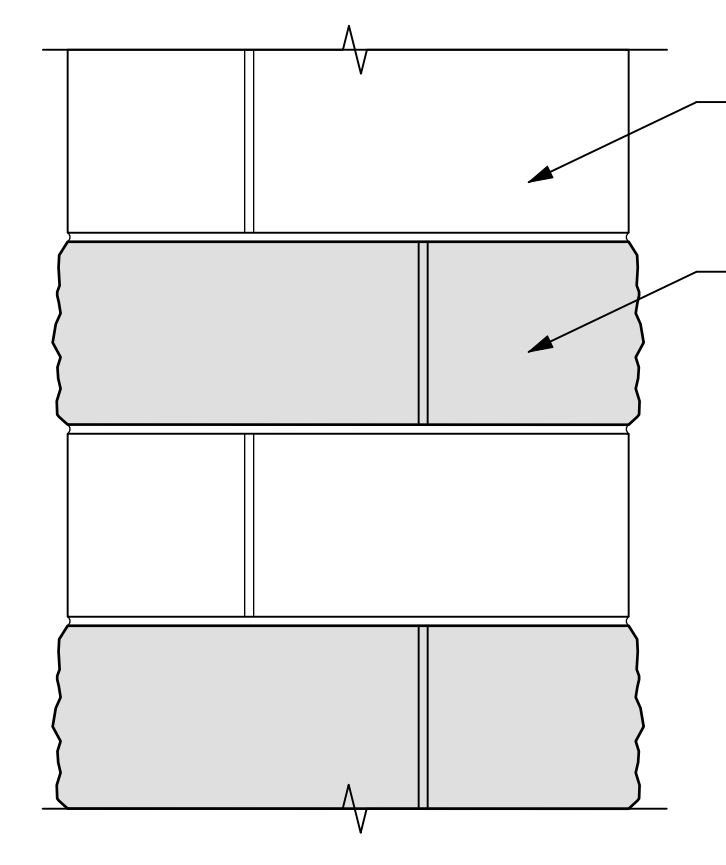
8 SECTION @ FE CABINET  
Scale: 1 1/2" = 1'-0"



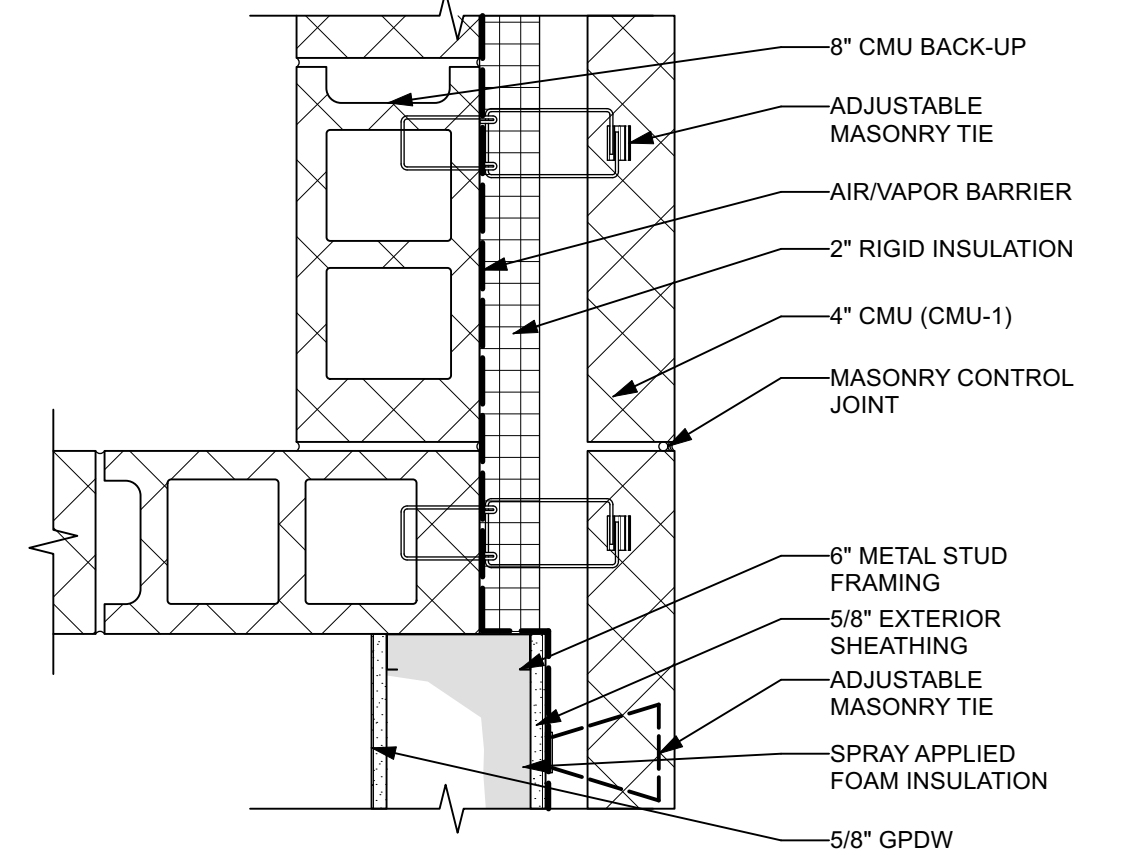
7 DETAIL @ FIRE RATED PARTITION  
Scale: 1 1/2" = 1'-0"



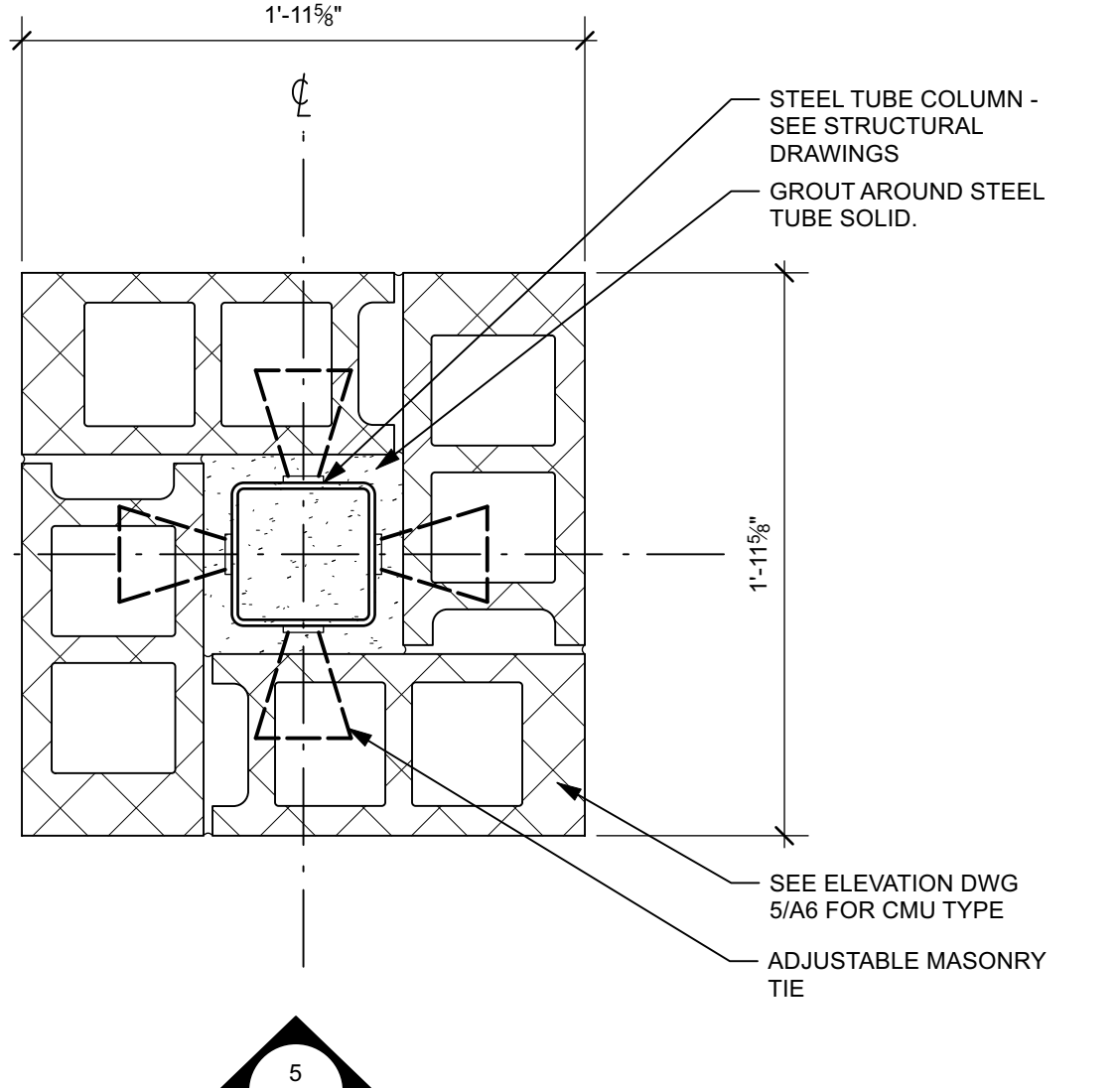
6 SECTION DETAIL @ COUNTER  
Scale: 1 1/2" = 1'-0"



5 PARTIAL PIER ELEVATION  
Scale: 1 1/2" = 1'-0"

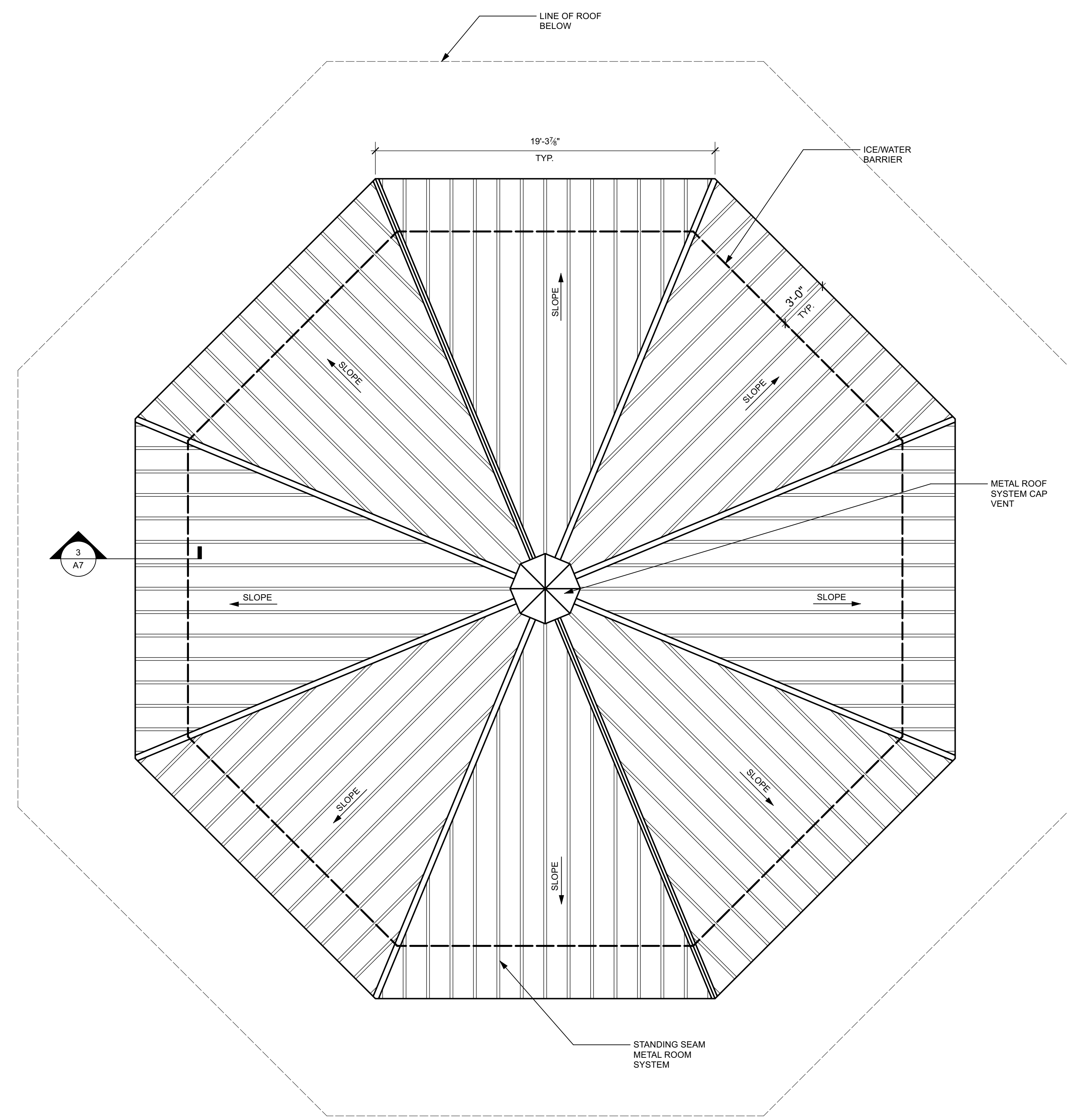


4 PLAN DETAIL  
Scale: 1 1/2" = 1'-0"

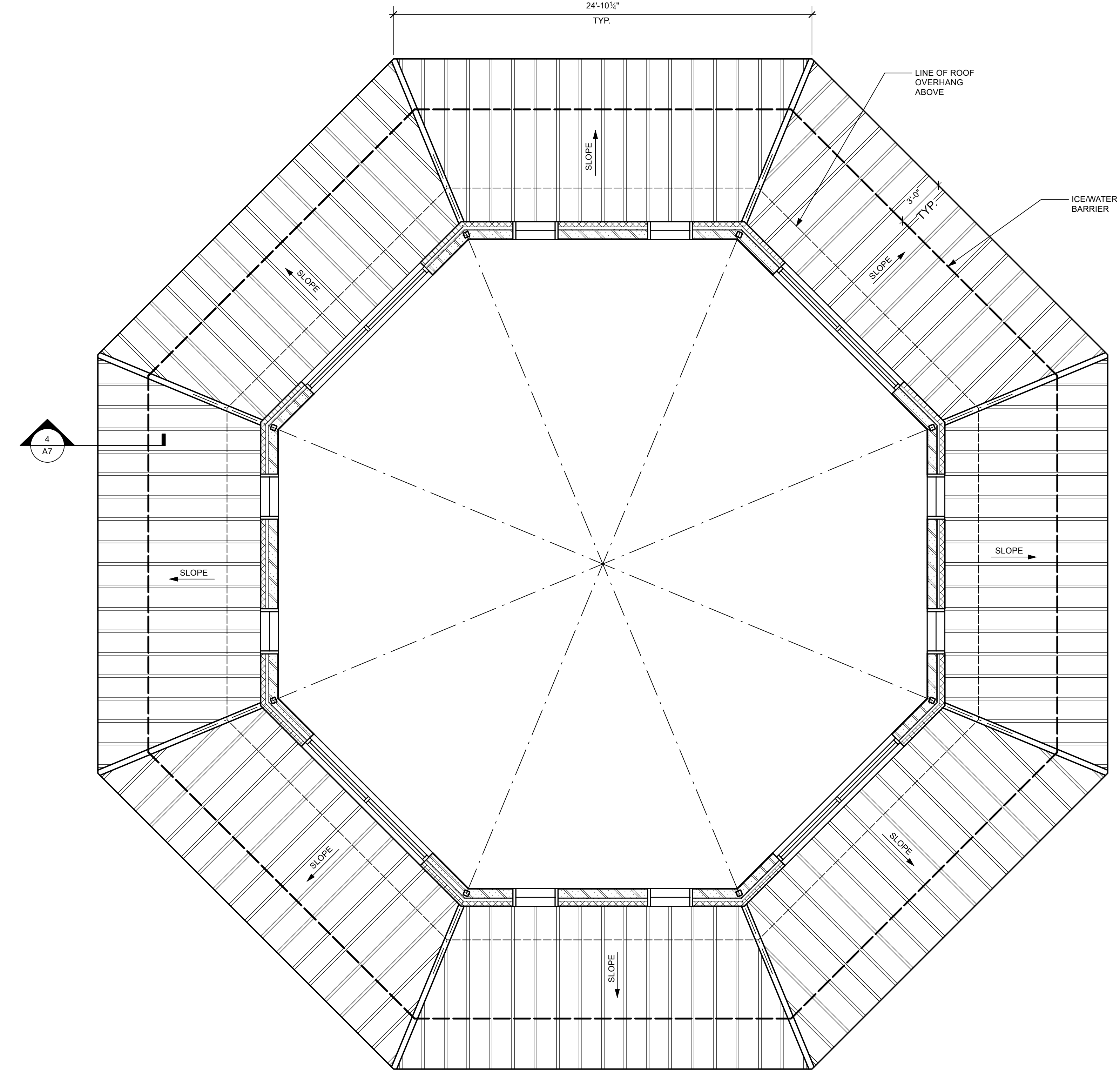


1 DETAIL @ MASONRY PIER  
Scale: 1 1/2" = 1'-0"

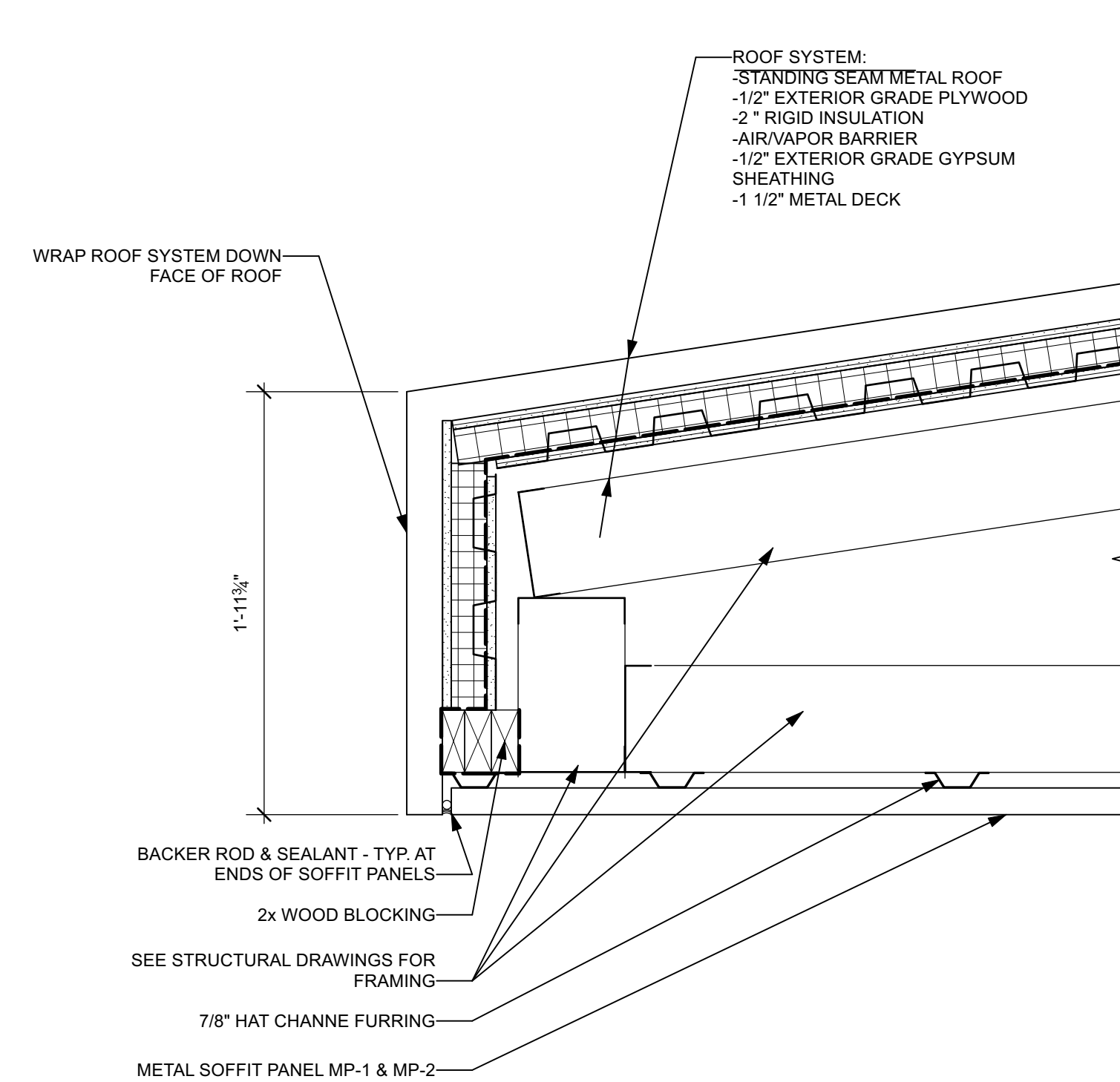
Willis V. Carrier Recreation Center - Phase 3  
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057



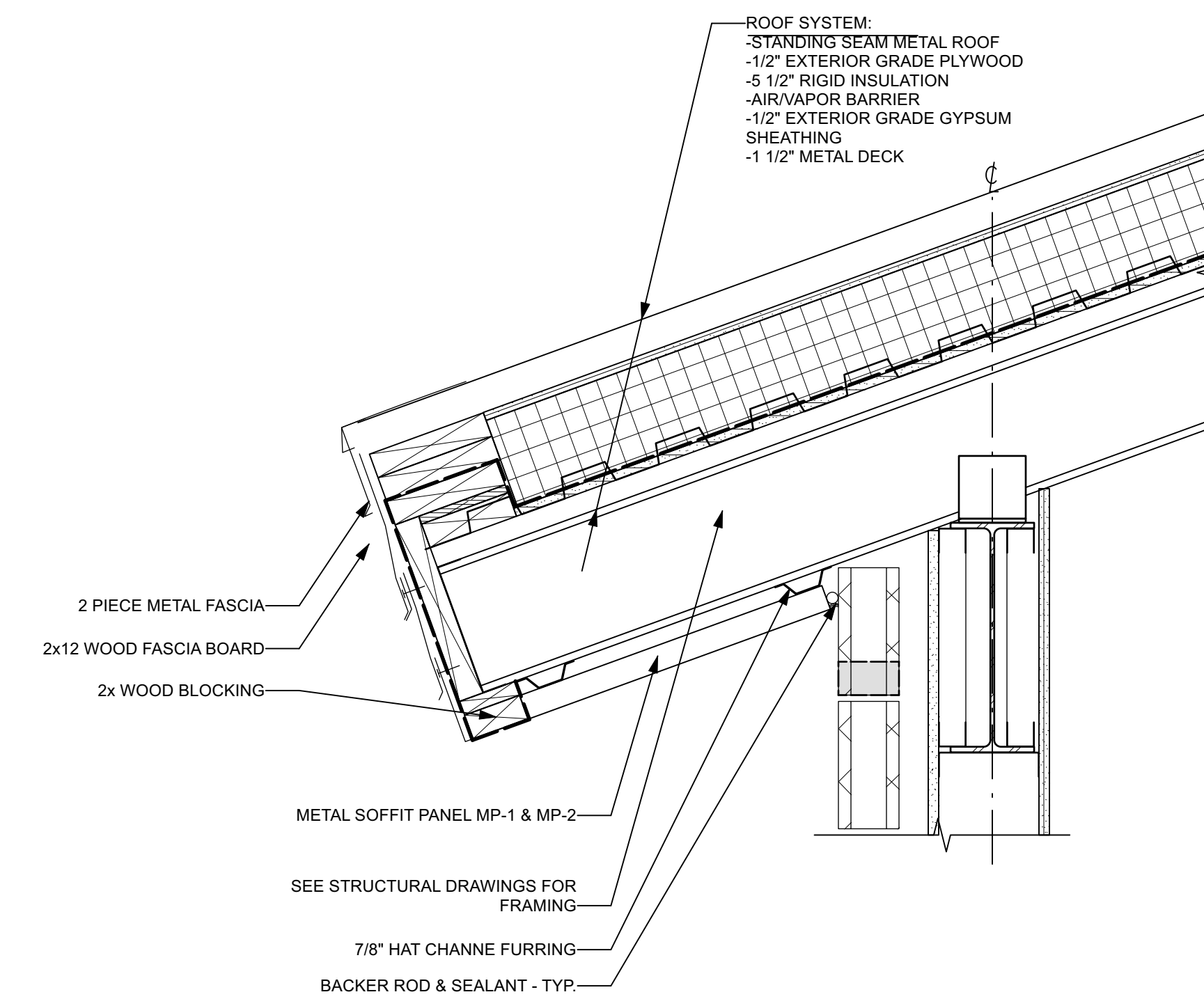
1 UPPER ROOF PLAN  
Scale: 1/4" = 1'-0"



2 LOWER ROOF PLAN  
Scale: 1/4" = 1'-0"



4 DETAIL @ LOWER ROOF EDGE  
Scale: 1 1/2" = 1'-0"

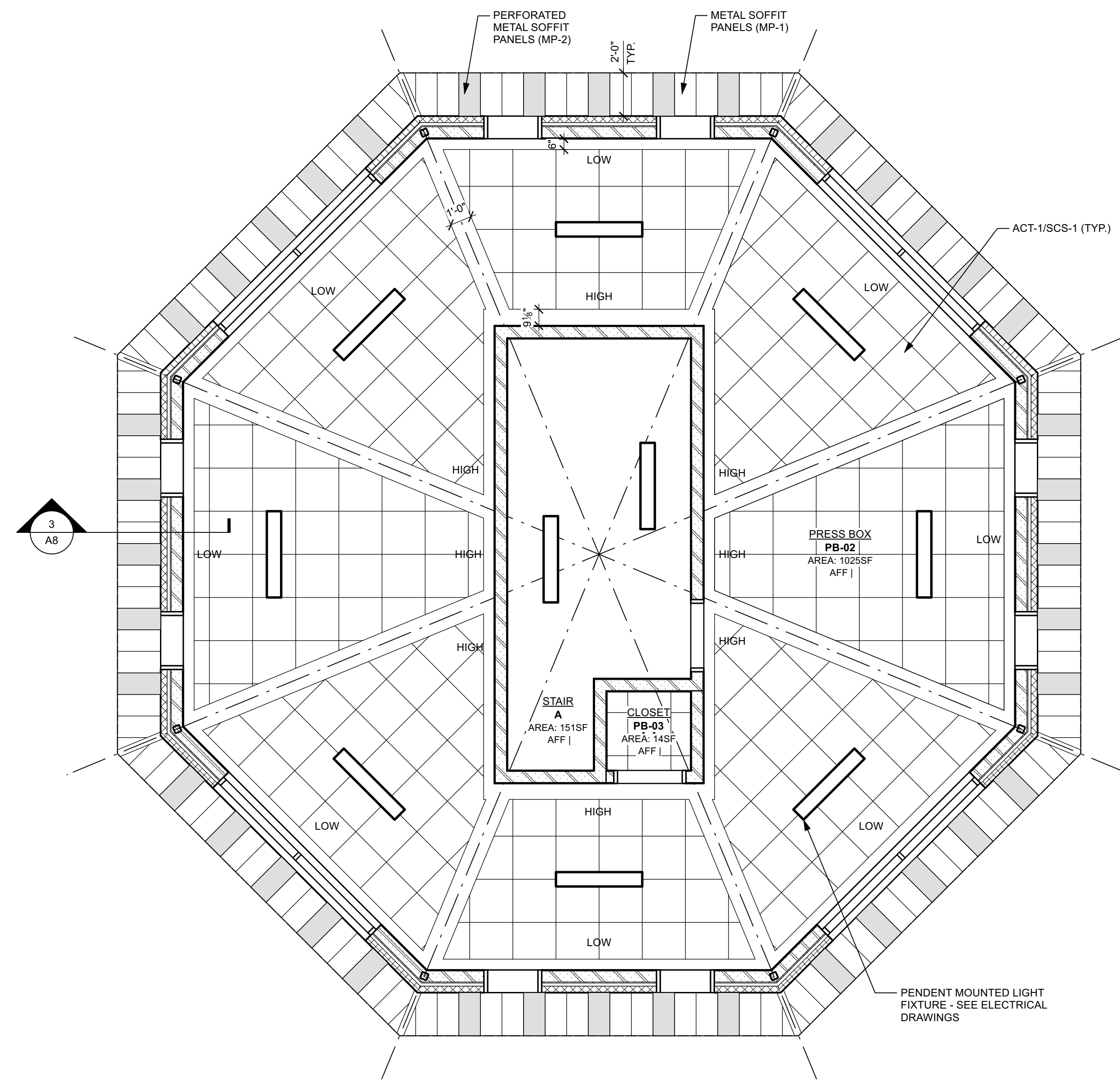


3 DETAIL @ UPPER ROOF EDGE  
Scale: 1 1/2" = 1'-0"

Revised:	No.	Date	Issued For
Project Number:	TOD-PH3		
Drawn By:	X		
Checked By:	X		
Scale:	AS SHOWN		

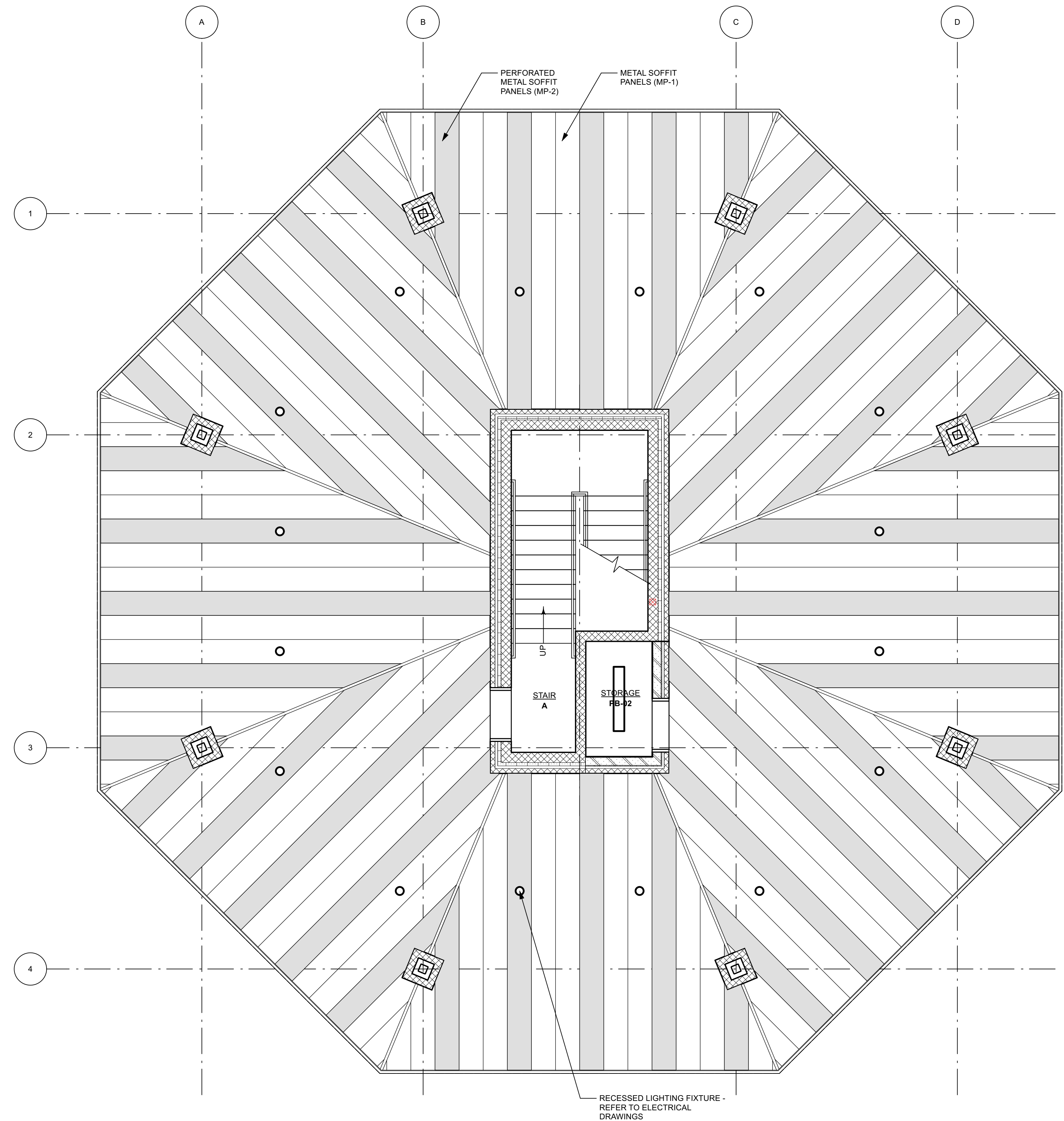
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Date: DECEMBER 16, 2024  
Drawing: PRESS BOX - ROOF PLANS & DETAILS  
Sheet Number:

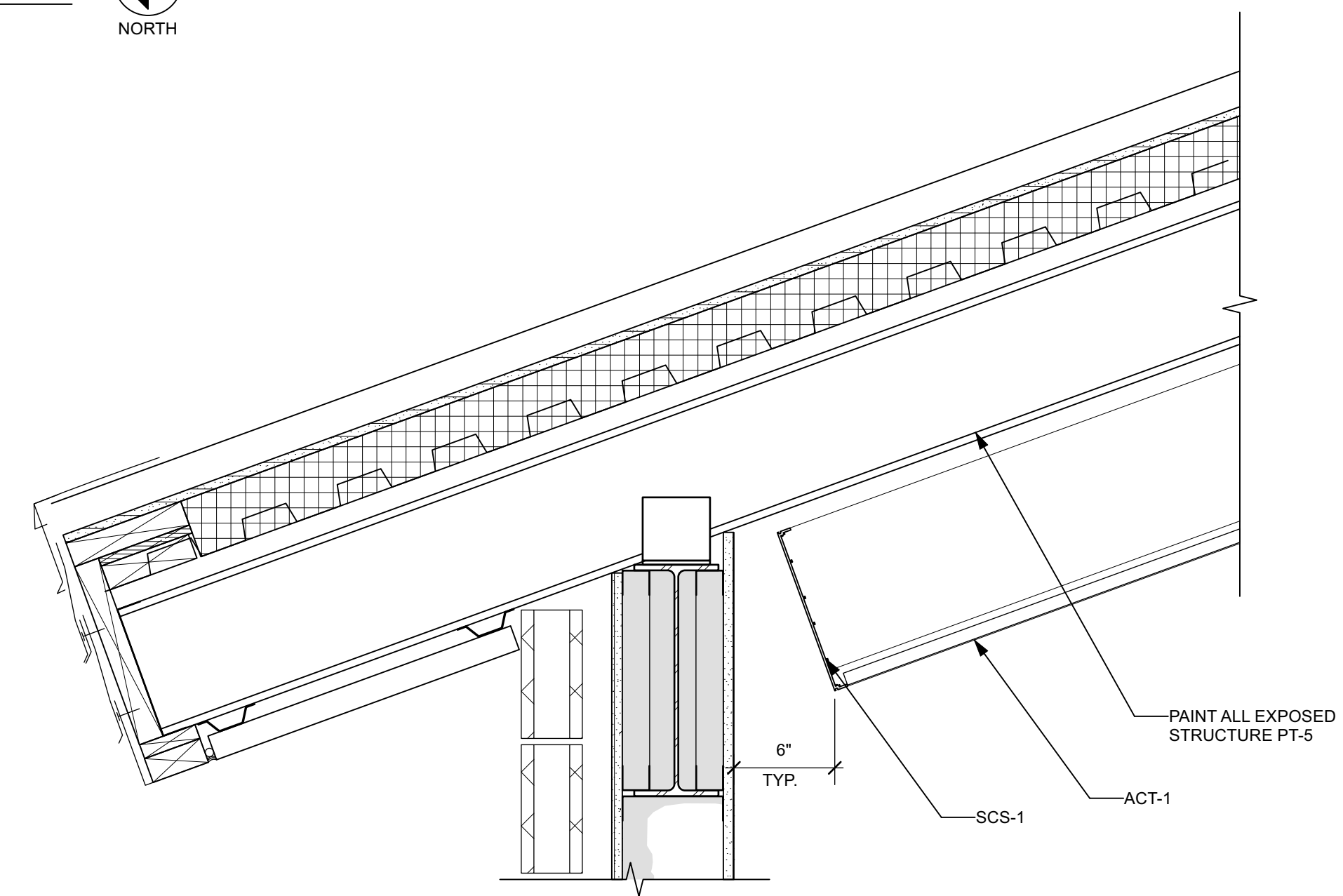


NOTES:  
1. ACT-1 CEILING SYSTEM TO FOLLOW SLOPE OF ROOF ABOVE.  
2. PAINT ALL STRUCTURE ABOVE PT-5.

1 REFLECTED CEILING PLAN - PRESS BOX  
Scale: 1/4" = 1'-0"



2 REFLECTED CEILING PLAN - PAVILION  
Scale: 1/4" = 1'-0"



3 DETAIL @ CEILING CLOUD  
Scale: 1 1/2" = 1'-0"

Revision	No.	Date	Issued For

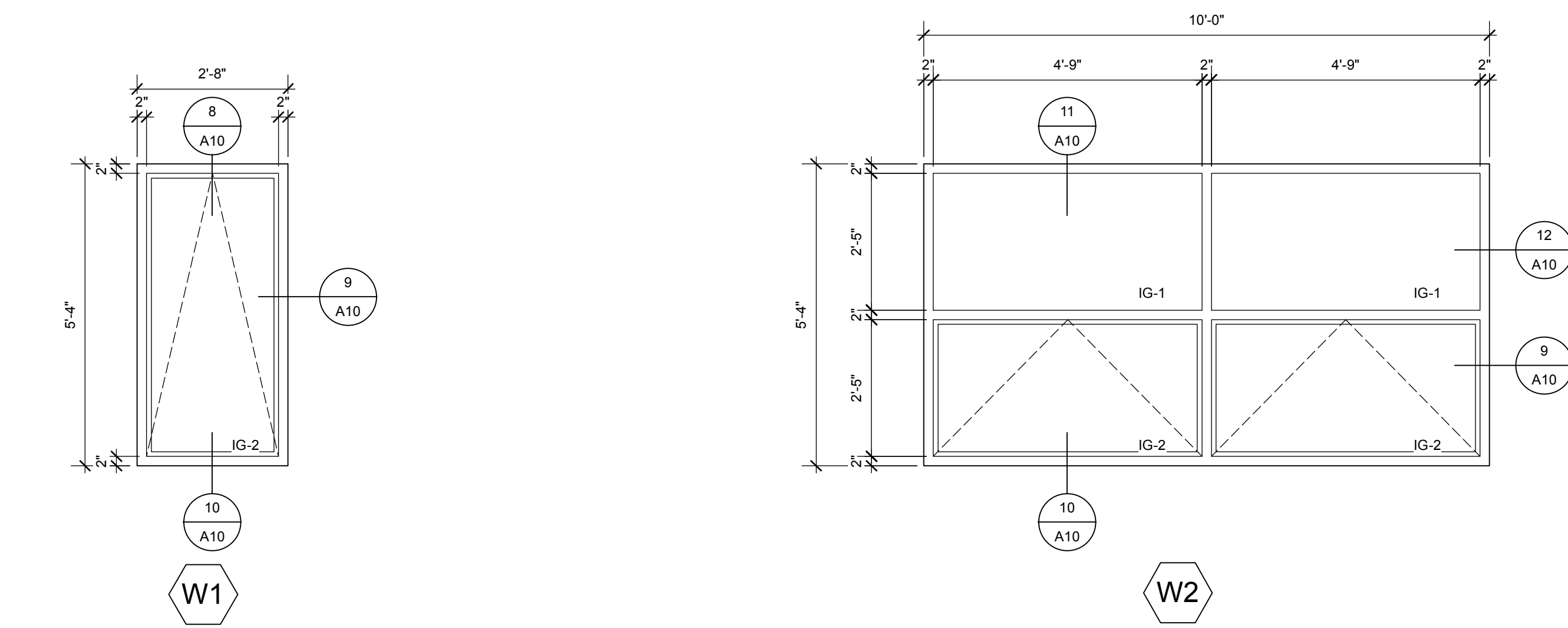
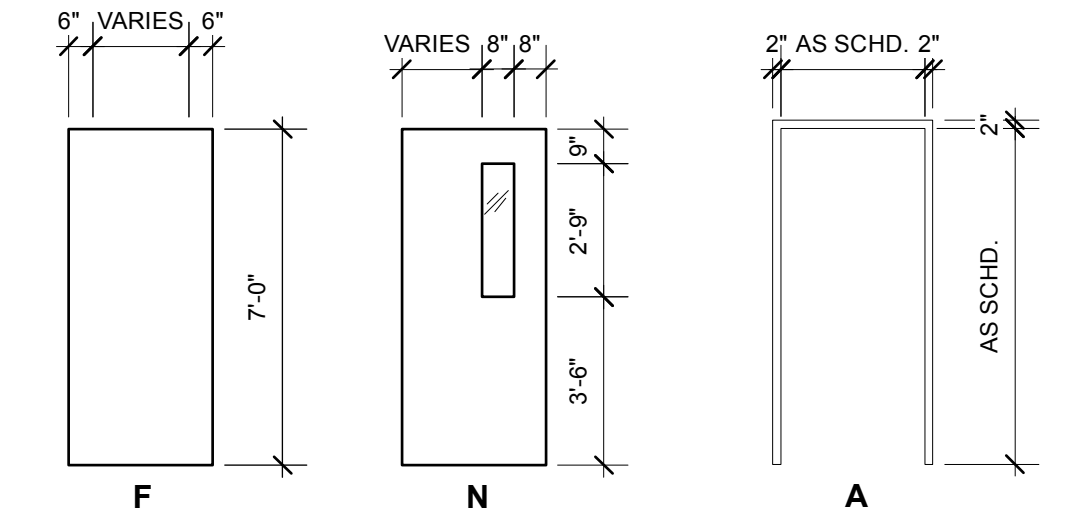
Project Number: TOD-PH3  
 Drawn By: X  
 Checked By: X  
 Scale: AS SHOWN

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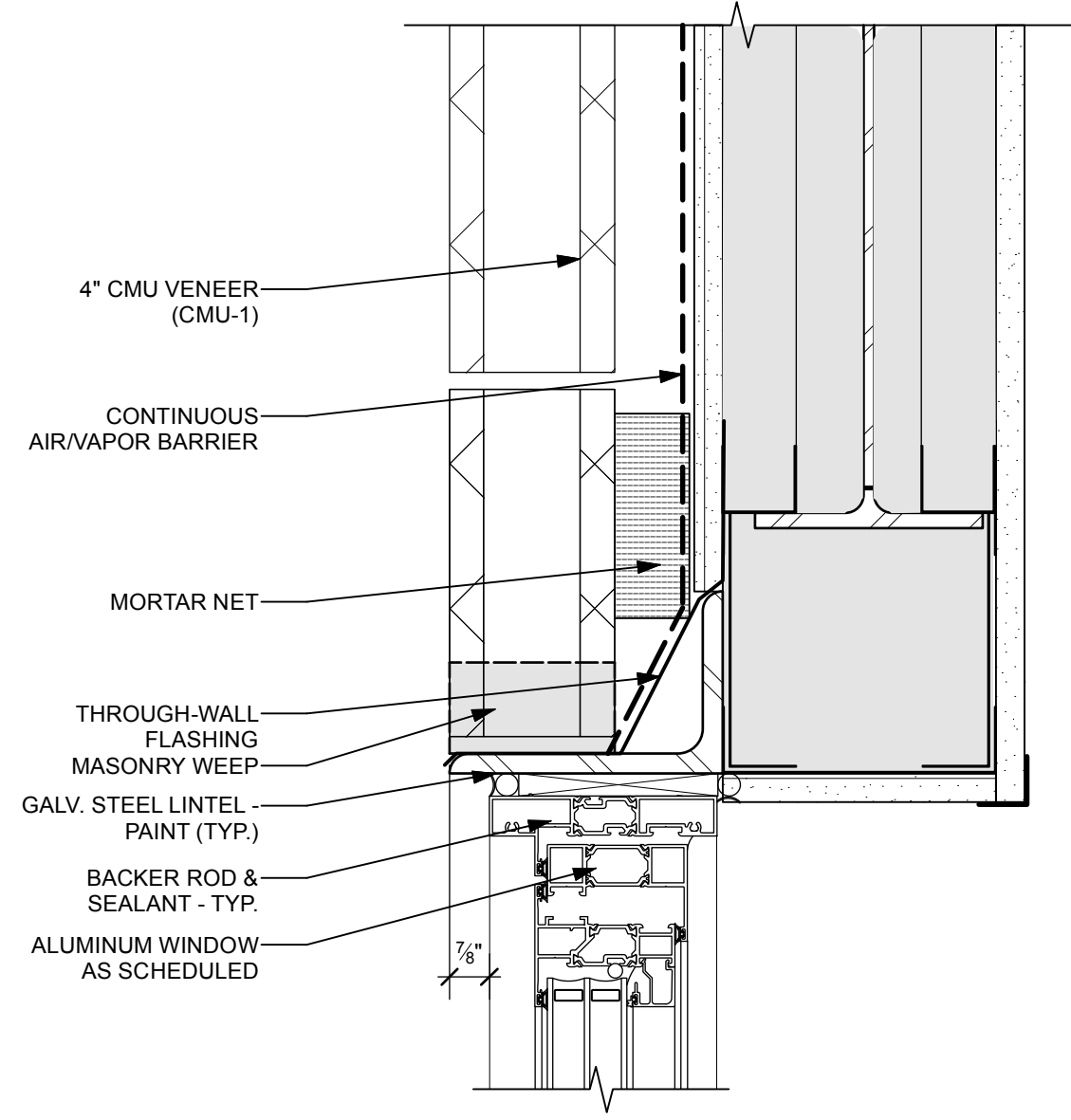


DOOR		FRAME										ASSEMBLY		HDWR		NOTES		
DOOR NO.	TYPE	WIDTH	HEIGHT	THICK.	MTL.	GLASS	TYPE	HEAD DETAIL	JAMB DETAIL	WIDTH	MTL.	FINISH	SADDLE	LABEL	U-FACTOR	SET #	NOTES	
<b>FIRST FLOOR</b>																		
PB-01	N	3'0"	7'0"	1.3/4"	FRP	IG	A	4/A10	3/A10		AL						03	
PB-EX02	F	3'0"	7'0"	1.3/4"	FRP	-	A	6/A10	5/A10		AL						04	
<b>SECOND FLOOR</b>																		
PB-02	N	3'0"	7'0"	1.3/4"	HM	IG	A	2/A10	1/A10		HM	PT-2					05	
PB-03	F	3'0"	7'0"	1.3/4"	HM	-	A	2/A10	1/A10		HM	PT-2					06	

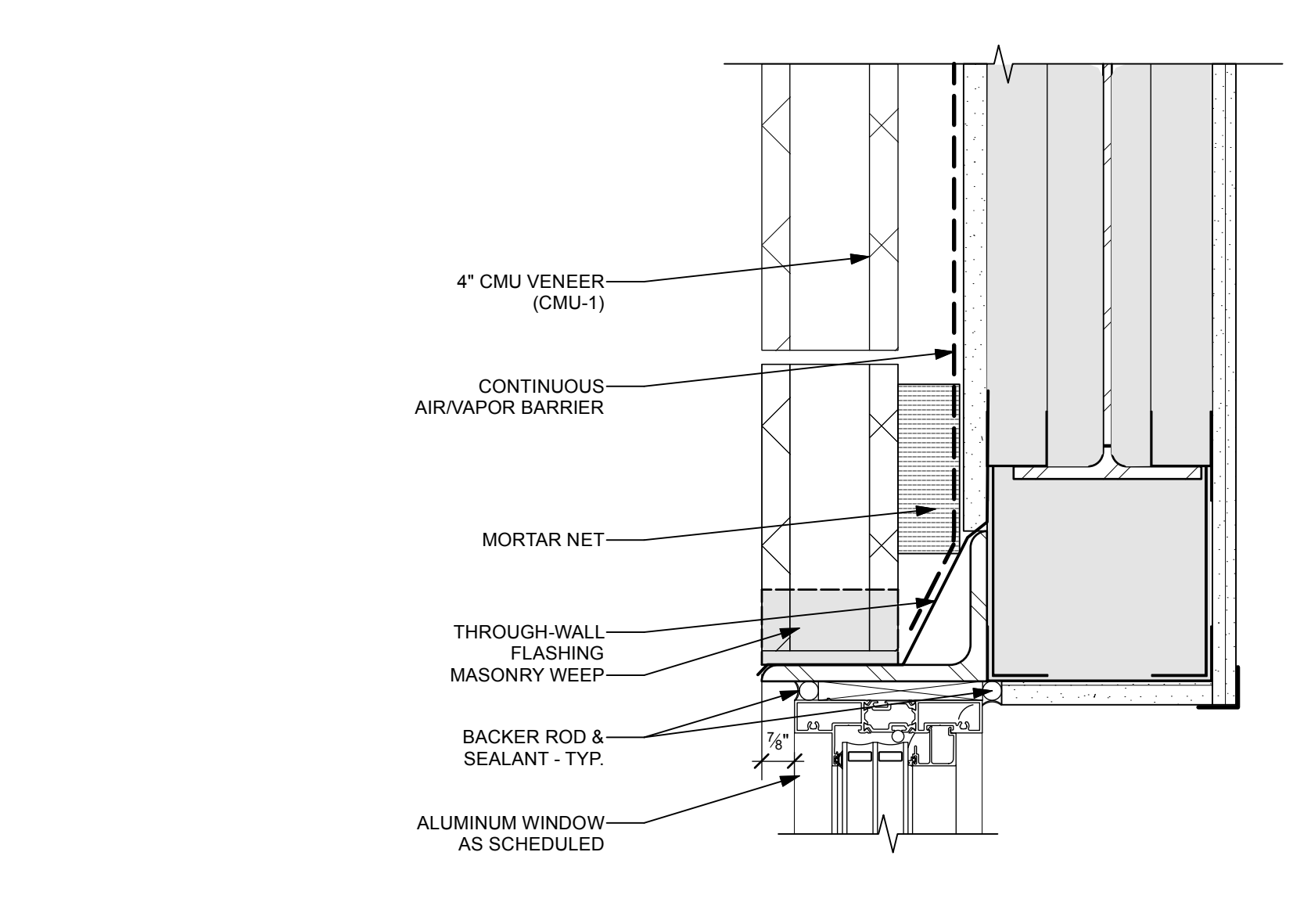
NOTES



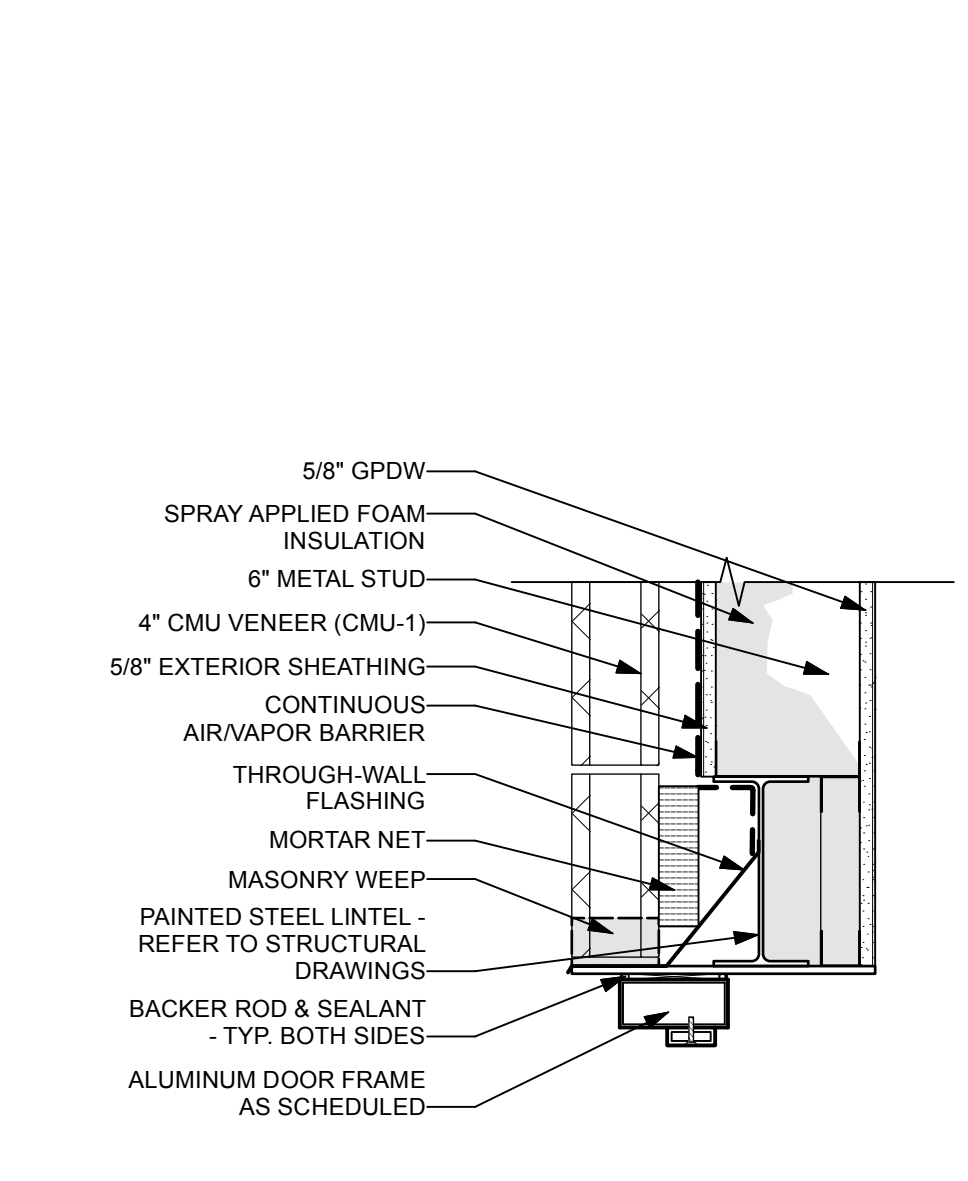
7 WINDOW TYPE ELEVATIONS  
Scale: 1/2" = 1'-0"



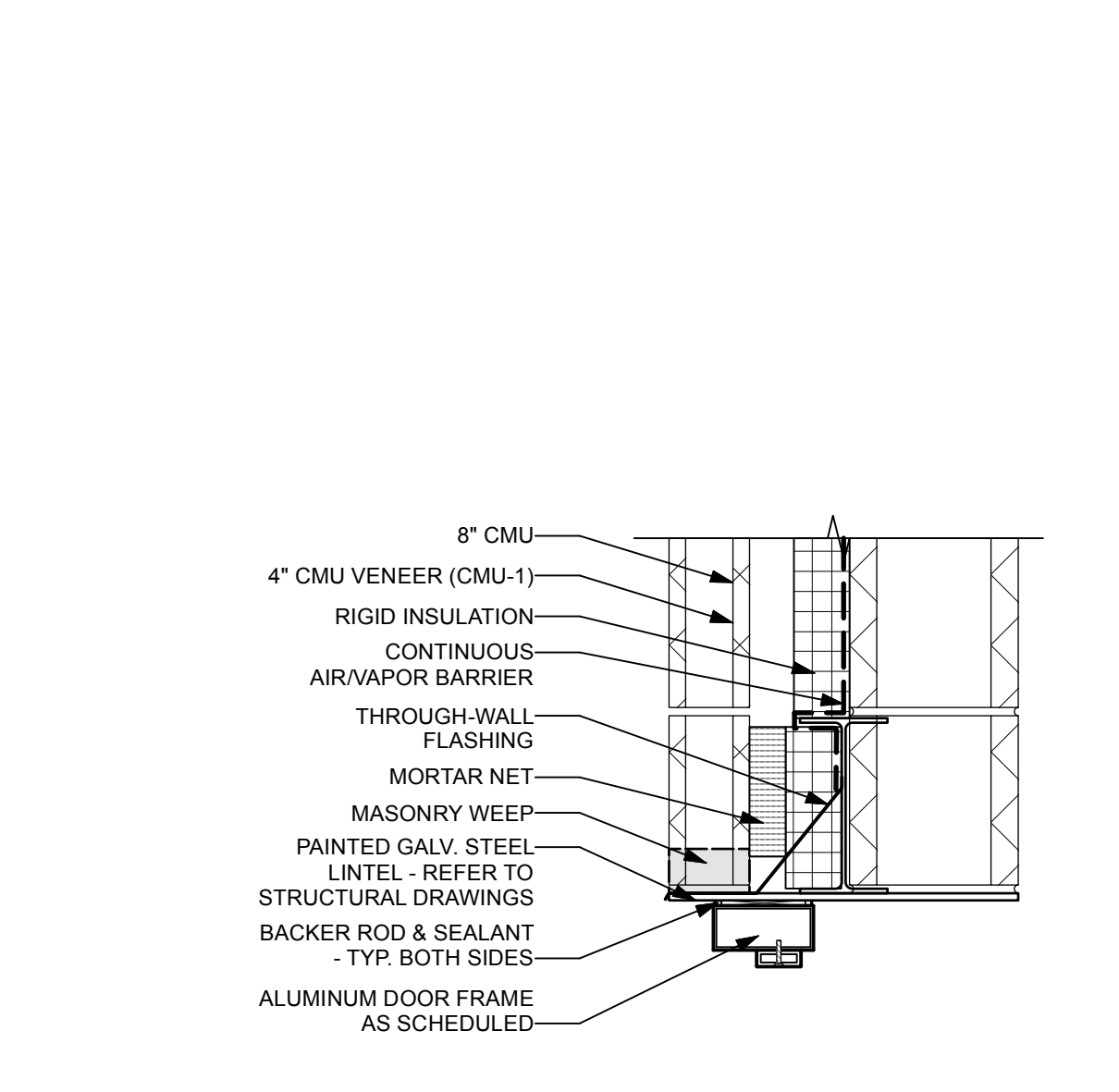
8 HEAD DETAIL @ ALUM. AWNING WINDOW  
Scale: 3" = 1'-0"



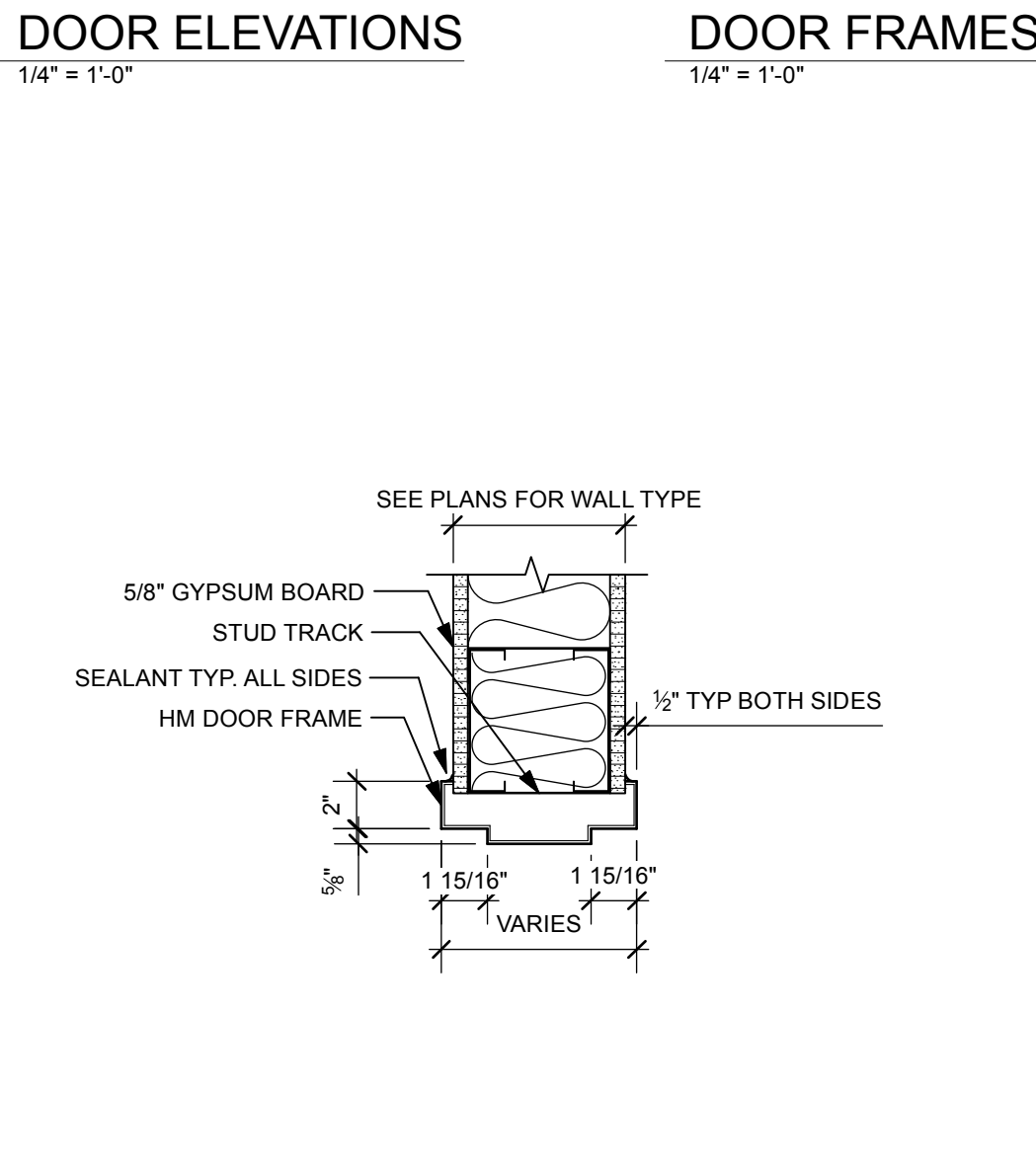
11 HEAD DETAIL @ ALUM. FIXED WINDOW  
Scale: 3" = 1'-0"



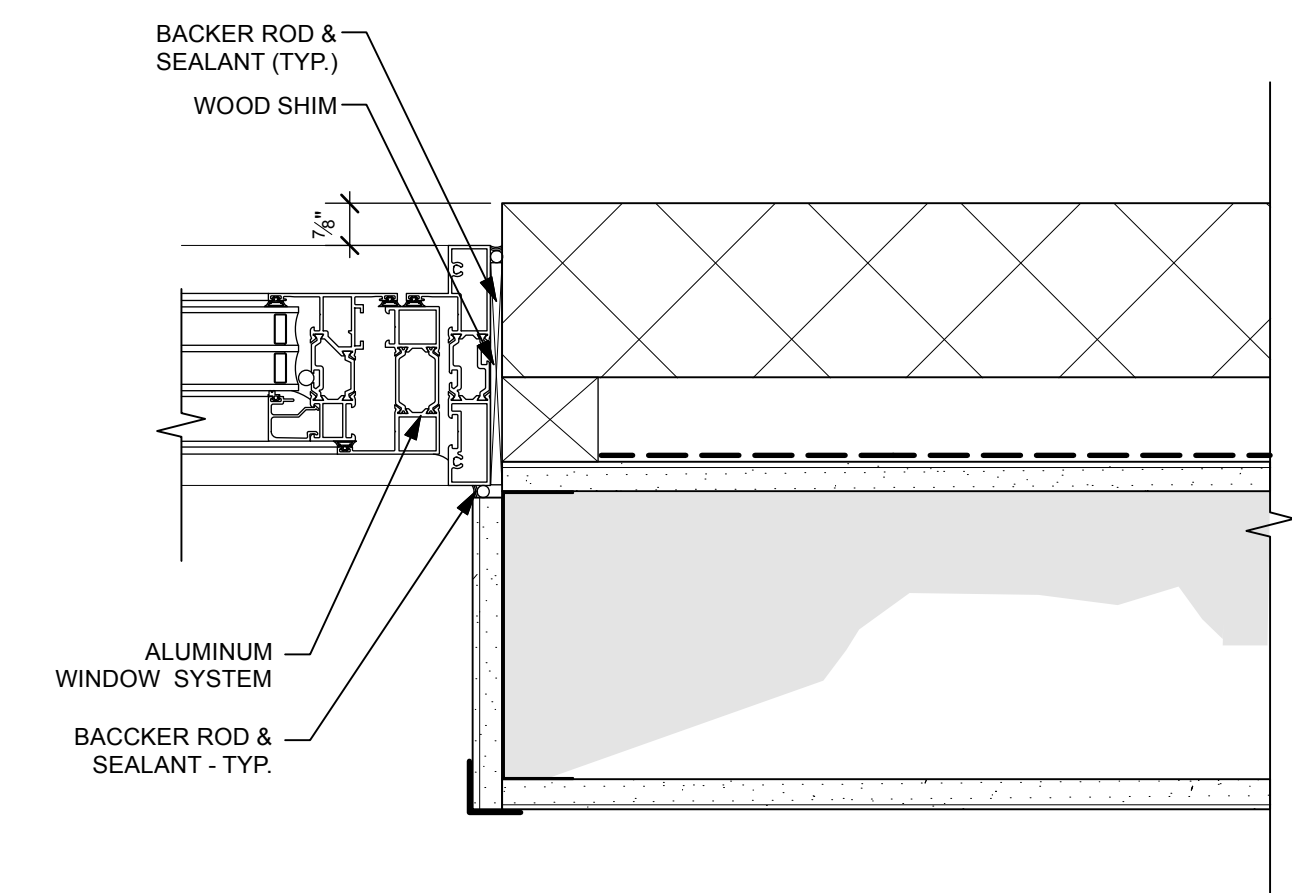
6 ALUM. DOOR HEAD DETAIL  
Scale: 1 1/2" = 1'-0"



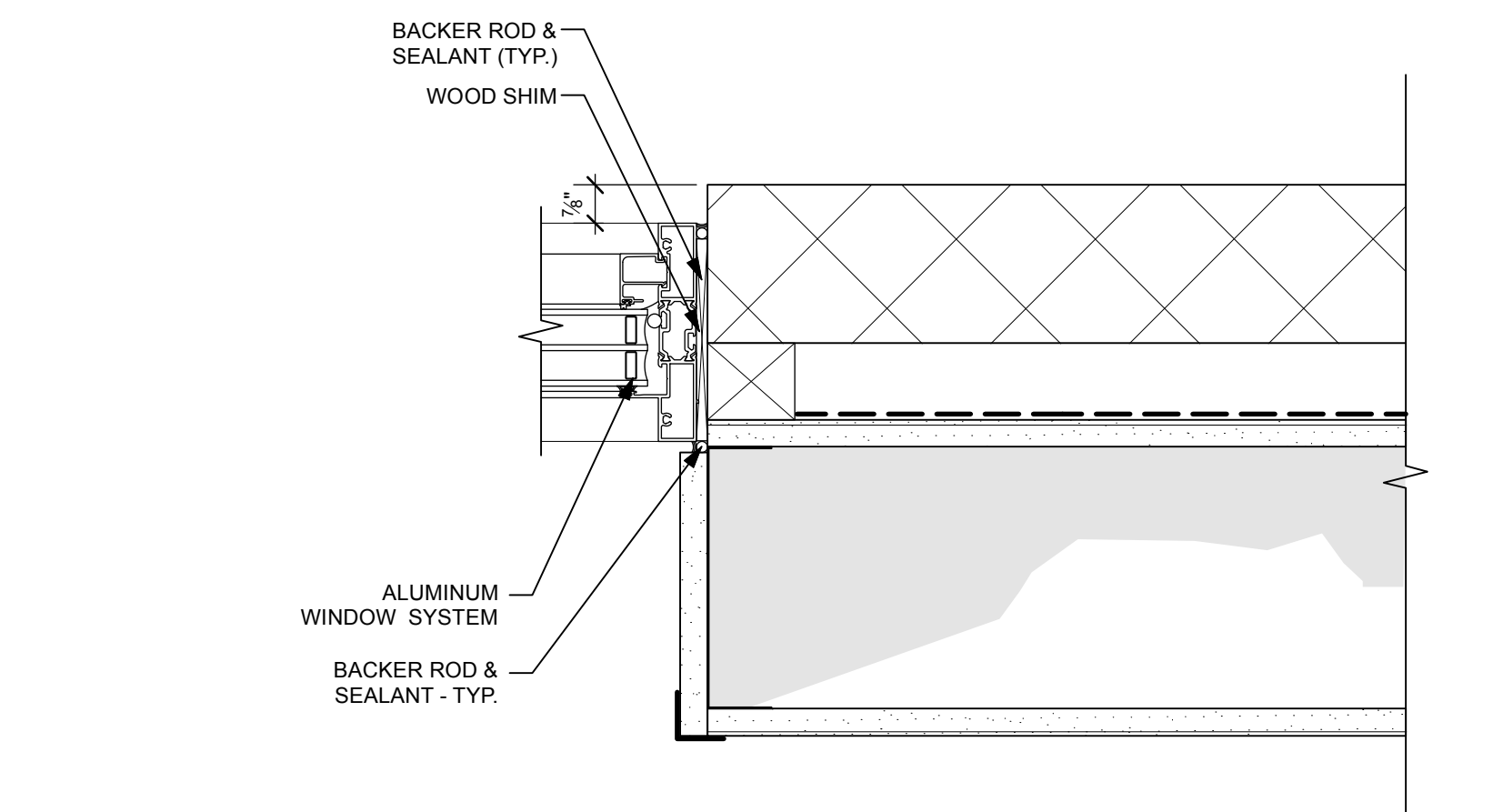
4 ALUM. DOOR HEAD DETAIL  
Scale: 1 1/2" = 1'-0"



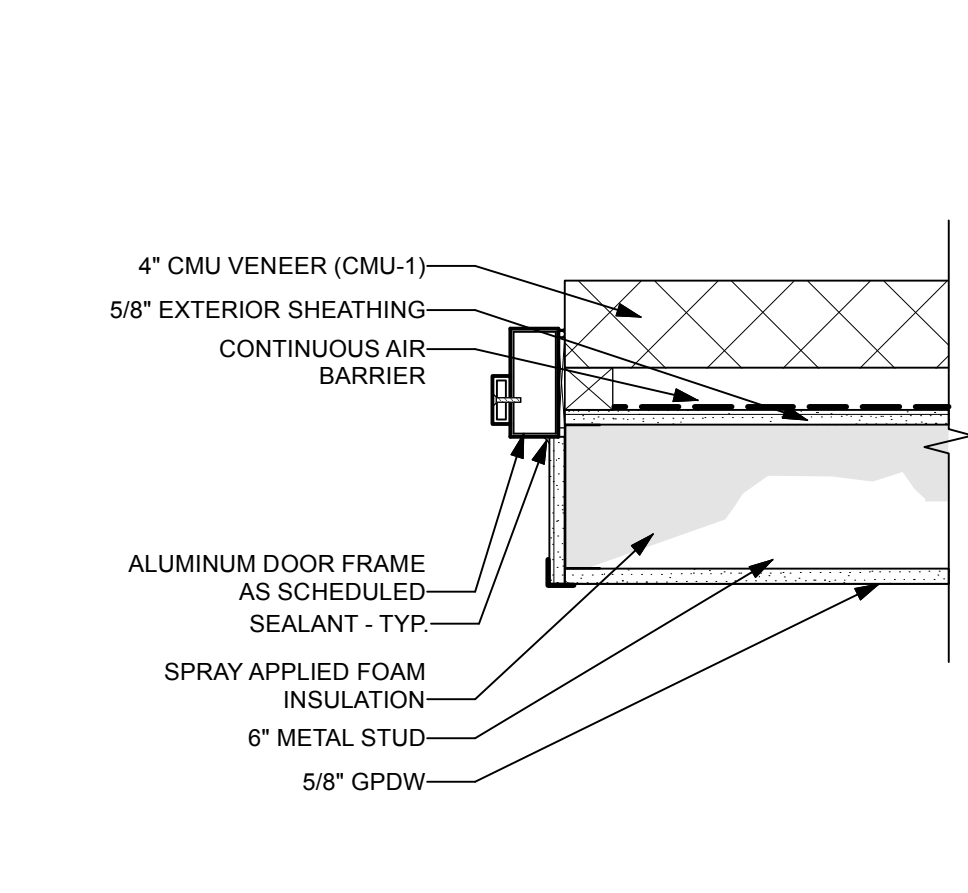
2 HM DOOR HEAD DETAIL  
Scale: 1 1/2" = 1'-0"



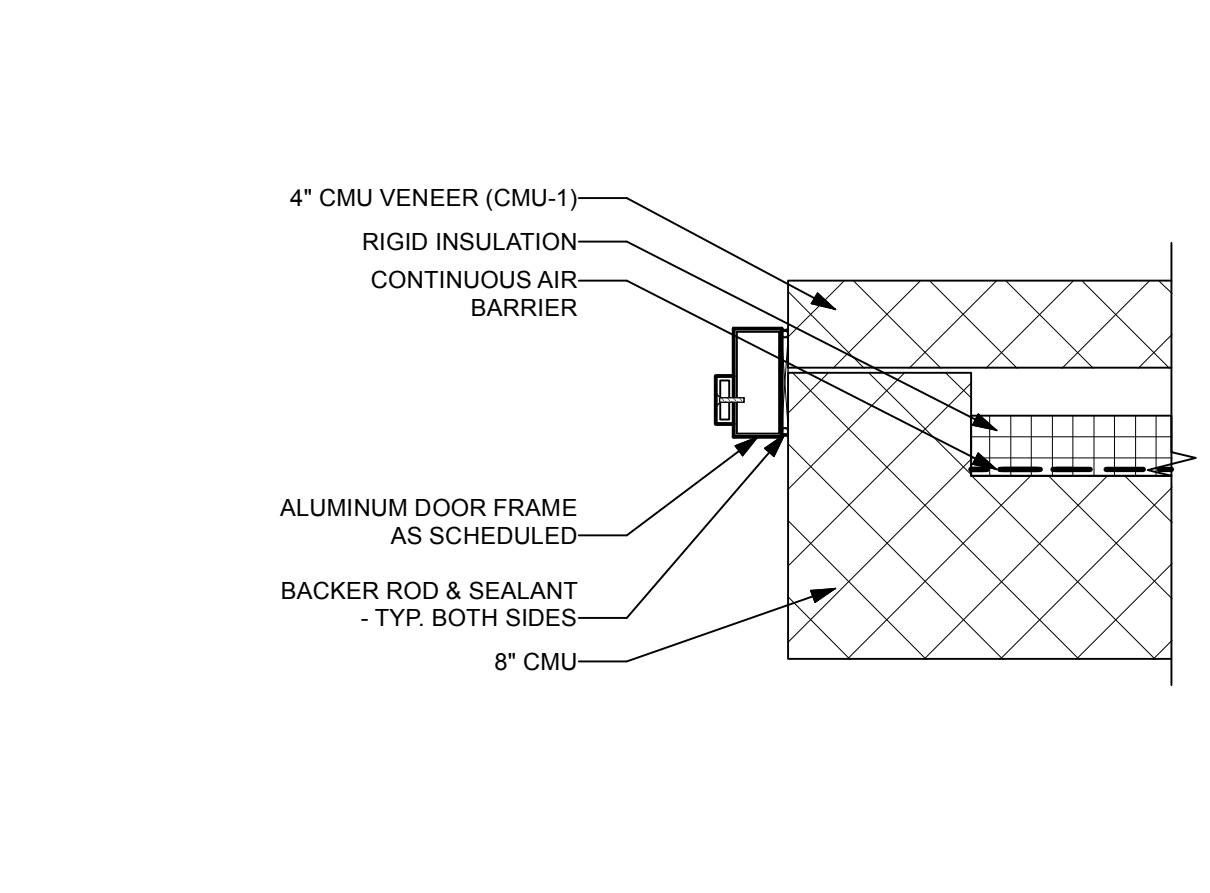
9 JAMB DETAIL @ ALUM. AWNING WINDOW  
Scale: 3" = 1'-0"



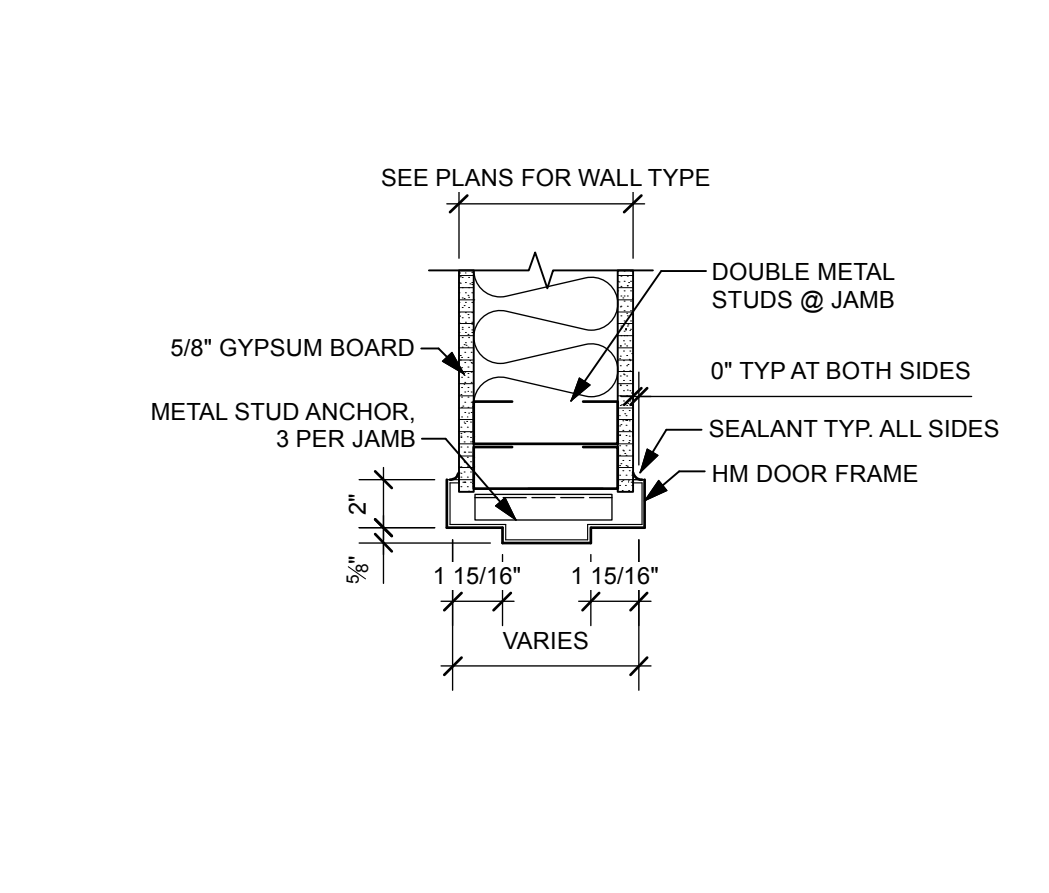
12 JAMB DETAIL @ ALUM. FIXED WINDOW  
Scale: 3" = 1'-0"



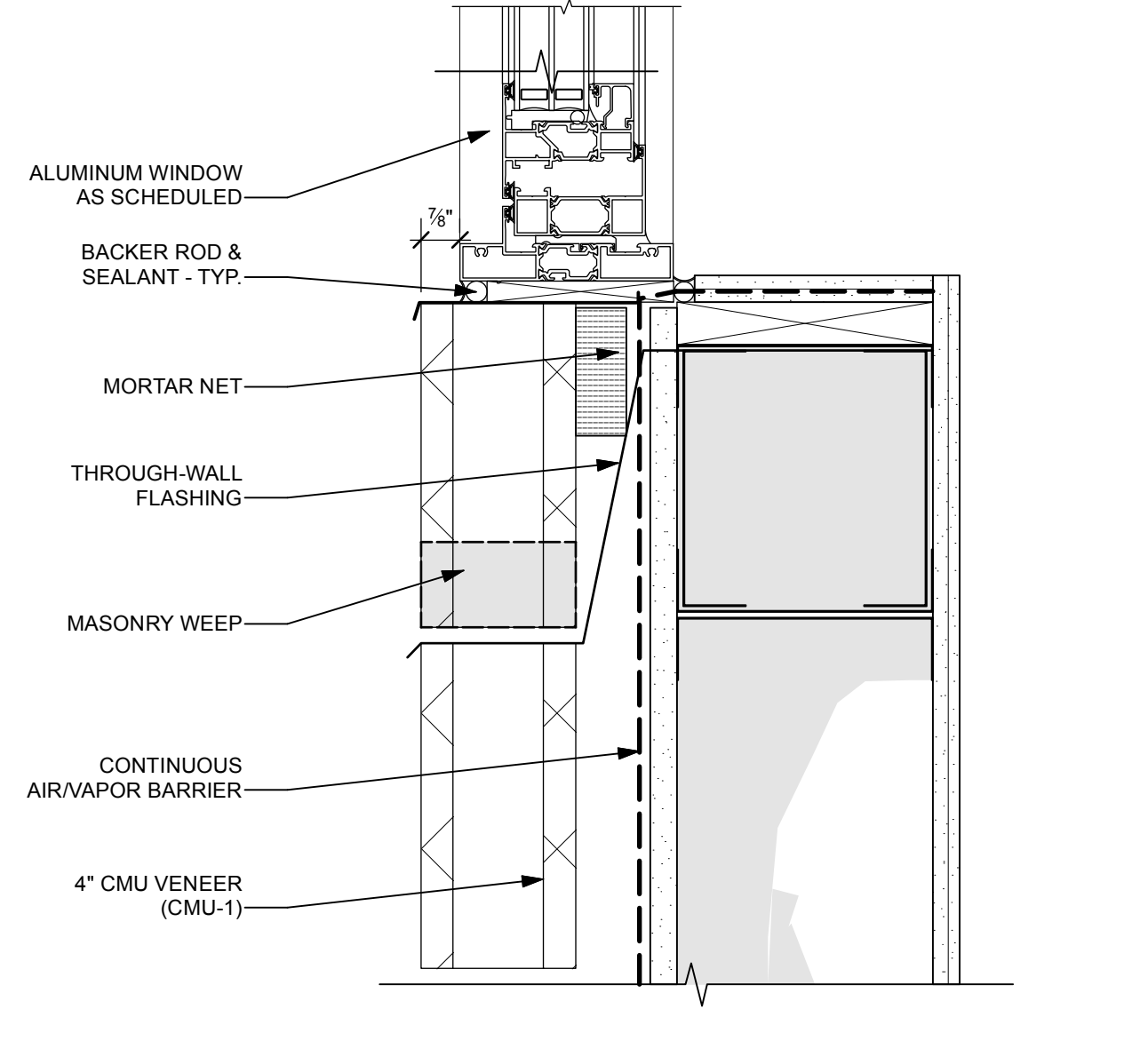
5 ALUM. DOOR JAMB DETAIL  
Scale: 1 1/2" = 1'-0"



3 ALUM. DOOR JAMB DETAIL  
Scale: 1 1/2" = 1'-0"



1 HM DOOR JAMB DETAIL  
Scale: 1 1/2" = 1'-0"



10 SILL DETAIL @ ALUM. AWNING WINDOW  
Scale: 3" = 1'-0"

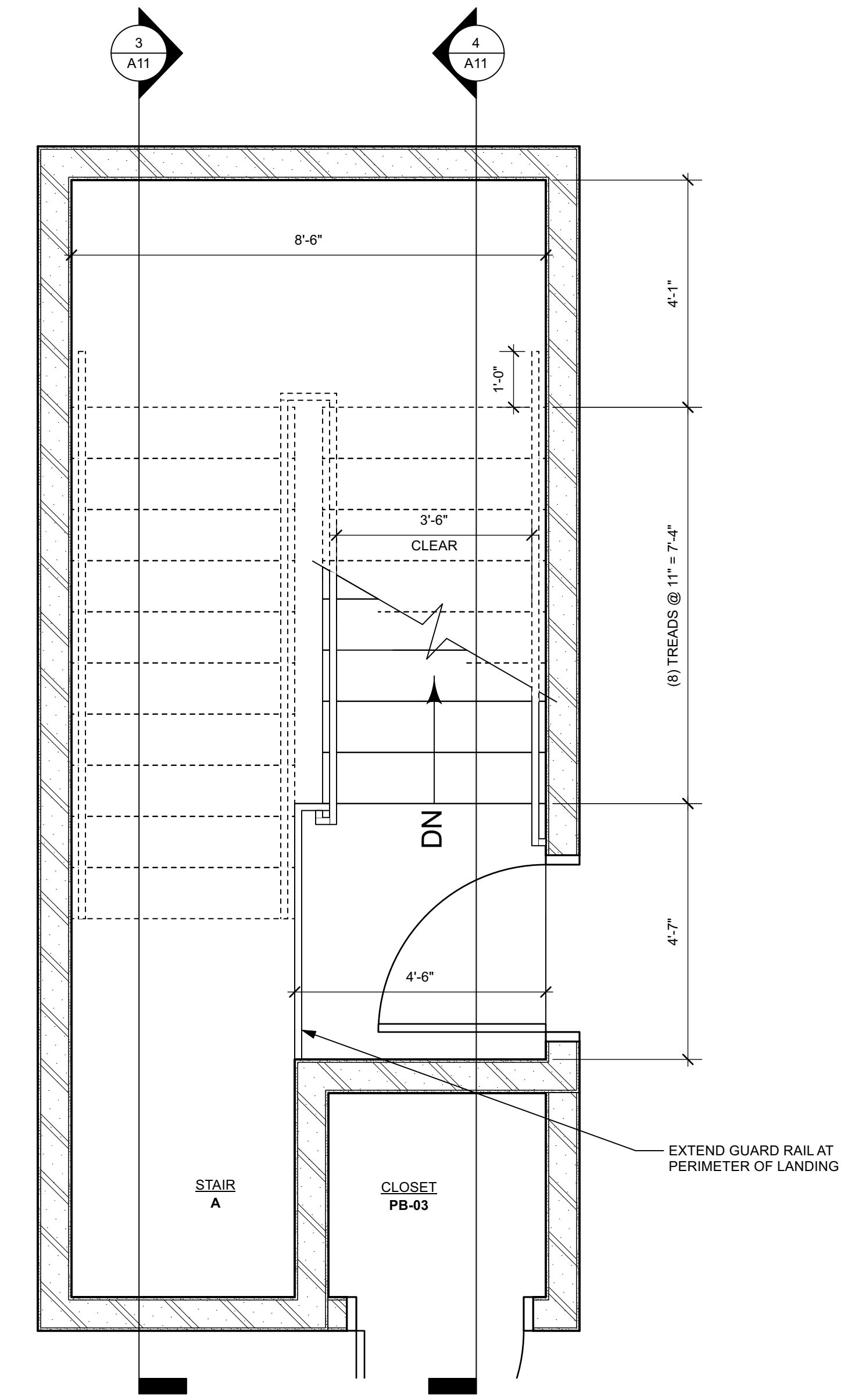
FINISH	MANUFACTURER	STYLE	COLOR
<b>ACOUSTICAL CEILING TILE</b>			
ACT-1	USG	HALCYON #98225	24"x24", FLAT WHITE 050
<b>CARPET</b>			
CPT-1	INTERFACE	COMMON THEME COLLECTION	130976 STEEL
<b>PAINT</b>			
PT-1 (FIELD)	SHERWIN WILLIAMS	PURE WHITE	SW 7005
PT-2 (ACCENT)	SHERWIN WILLIAMS	TANSY GREEN	SW 6024
PT-3 (DOOR FRAME)	SHERWIN WILLIAMS	WEB GRAY	SW 7075
PT-4 (CEILING)	SHERWIN WILLIAMS	CEILING BRIGHT WHITE	SW 7007
PT-5	SHERWIN WILLIAMS	BLACK OF NIGHT	SW 6993
<b>QUARTZ SURFACING</b>			
QS-1	CAMBRIA	SIGNATURE SERIES	CARRICK
<b>RUBBER BASE</b>			
RB-1	ROPPE	PINNACLE	150 DARK GRAY
<b>SPECIALTY CEILING SYSTEM</b>			
SCS-1	USG	COMPASSO ELITE 10" DX/DXL 15/16"	SILVER SATIN 002
	USG		SILVER SATIN 002
EXPOSED	NO FINISHES		

ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH	CEILING FINISH	KEYED NOTES
<b>FIRST FLOOR</b>									
A	STAIR	-	-	PT-1	PT-1	PT-1	PT-1	PT-4	
PB-01	STORAGE	-	-	PT-1	PT-1	PT-1	PT-1	PT-4	
<b>SECOND FLOOR</b>									
PB-02	PRESS BOX	CPT-1	RB-1	PT-1 / PT-2	PT-1 / PT-2	PT-1 / PT-2	PT-1 / PT-2	ACT-1 / SCS-1	1, 2
PB-03	CLOSET	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
<b>GENERAL NOTES</b>									
A. SEE INTERIOR ELEVATIONS, SECTIONS, REFLECTED CEILING PLANS, CONSTRUCTION AND FINISH FLOOR PLANS FOR FINISH LOCATIONS.									
B. REFER TO REFLECTED CEILING PLANS FOR CEILING AND SOFFIT HEIGHTS.									
<b>KEYED NOTES</b>									
1. REFER TO DRAWING A6 FOR LOCATIONS OF ACCENT WALLS (PT-2).									
2. ALL STRUCTURE, DECKING, ETC. ABOVE CEILING GRID TO BE PAINTED PT-5.									

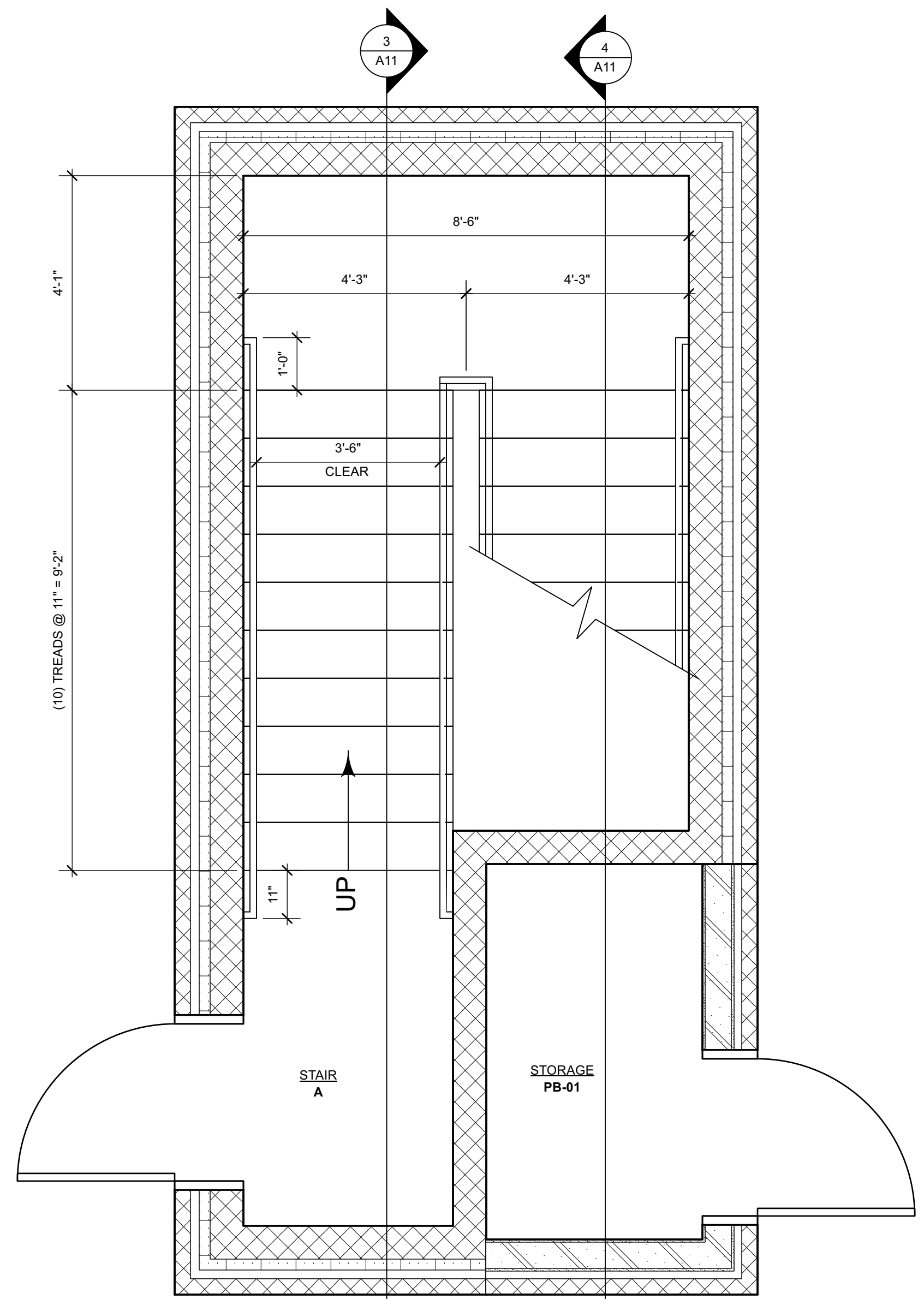
Revision	No.	Date	Issued For

Project Number:	TOO-PH3
Drawn By:	X
Checked By:	X
Scale:	AS SHOWN

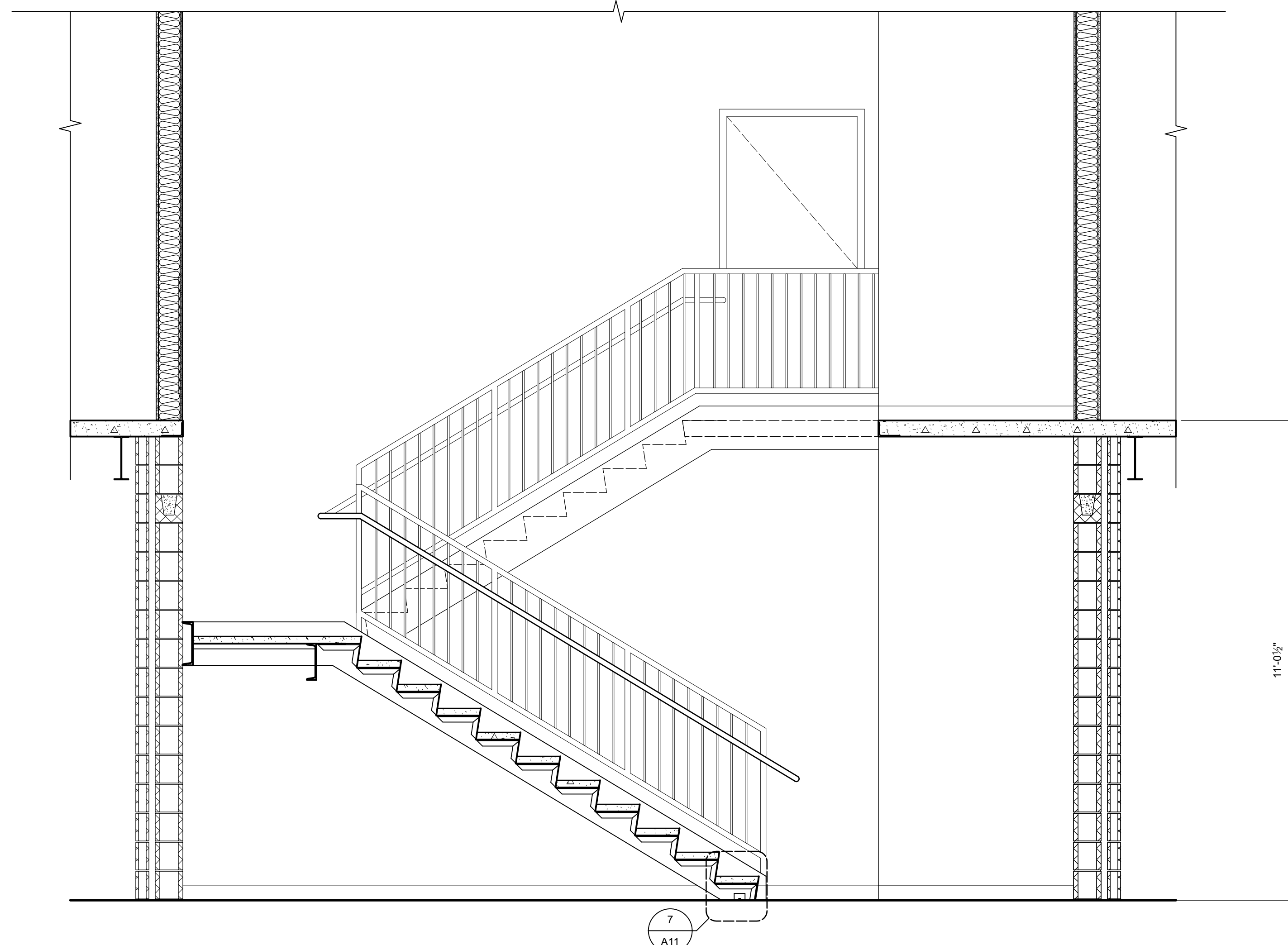
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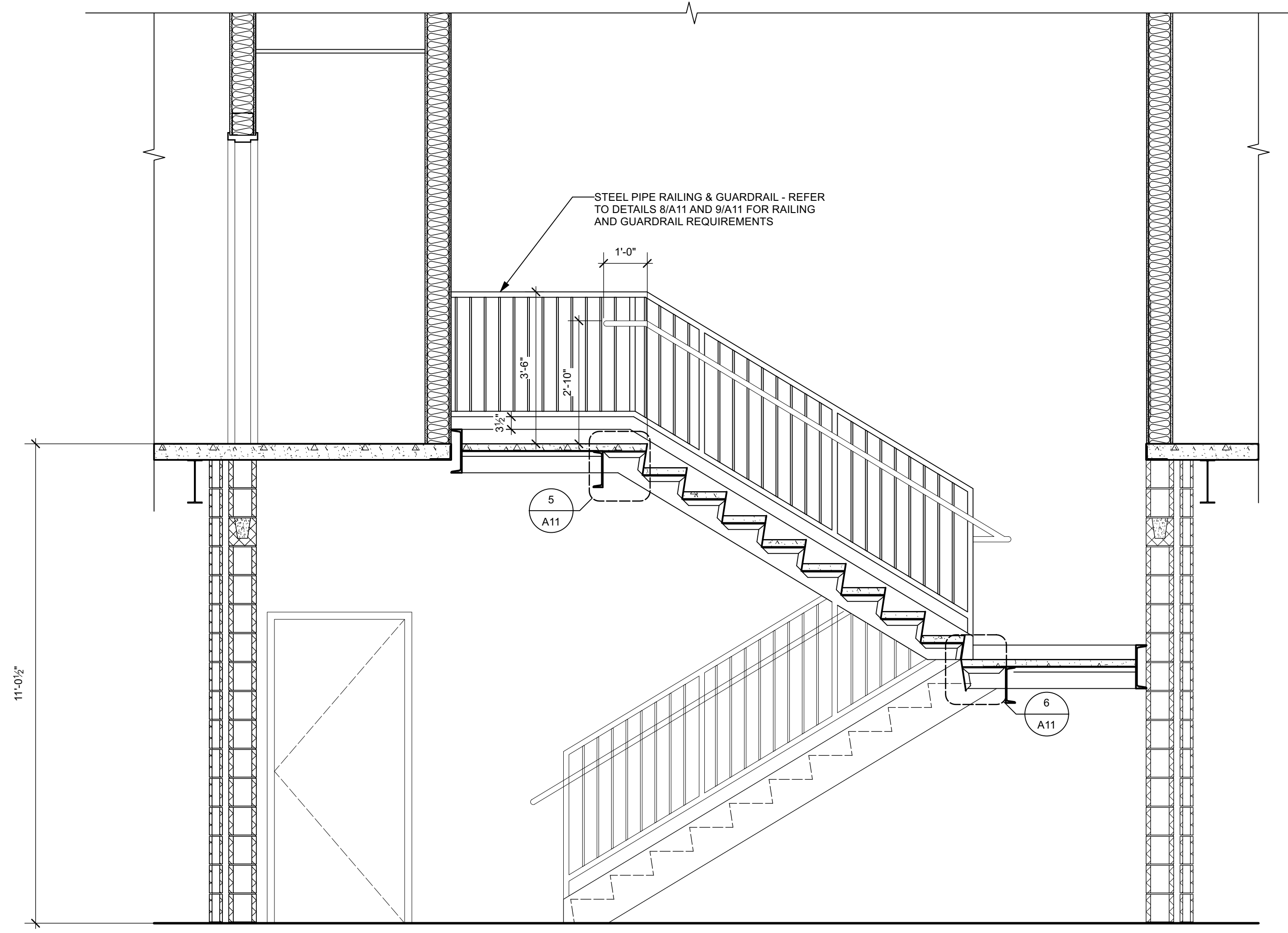
2 ENLARGED STAIR PLAN - PRESS BOX  
Scale: 1/2" = 1'-0"



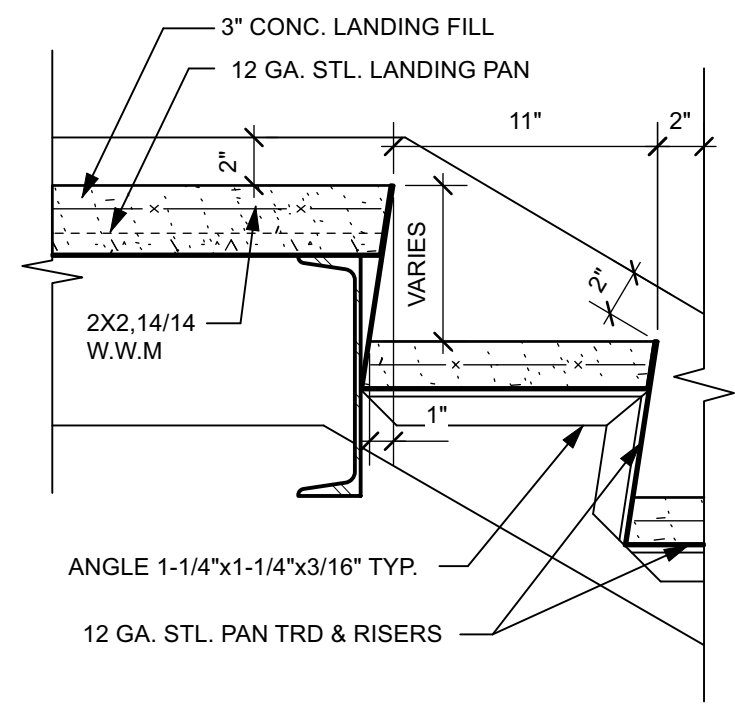
1 ENLARGED STAIR PLAN - PAVILION  
Scale: 1/2" = 1'-0"



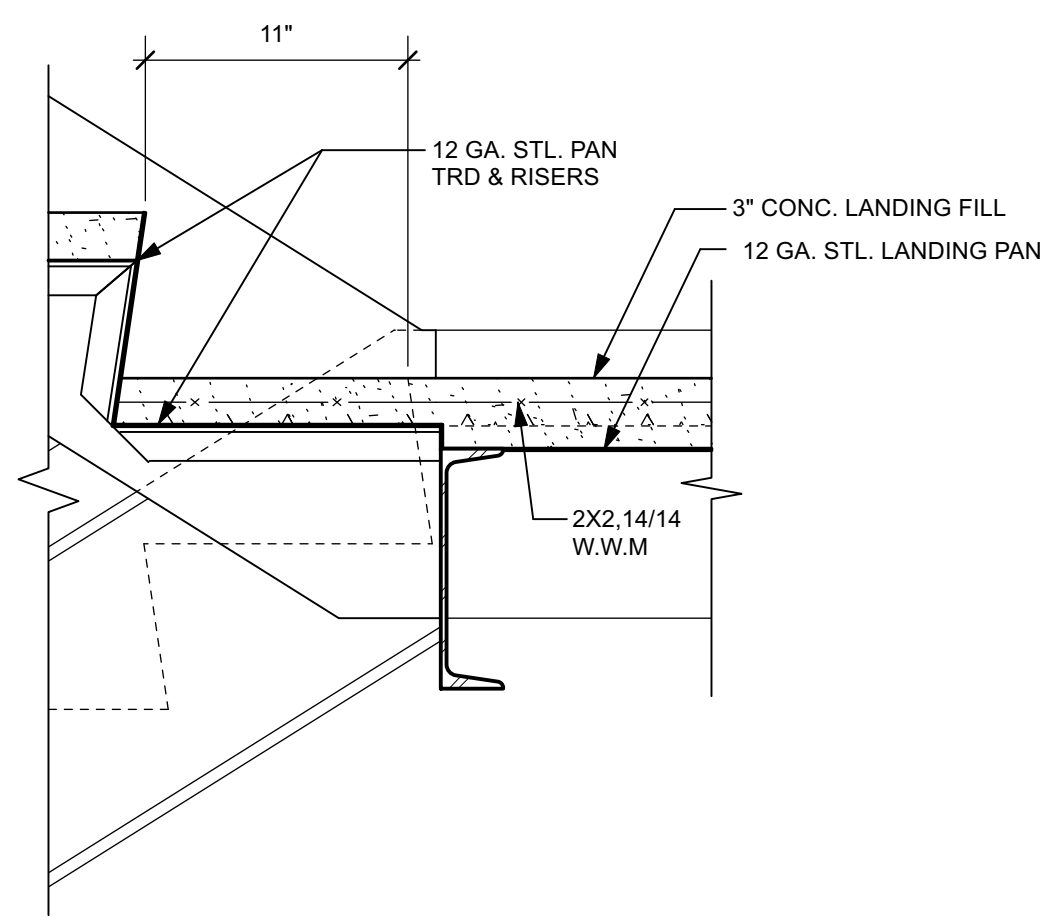
3 SECTION @ STAIR  
Scale: 1/2" = 1'-0"



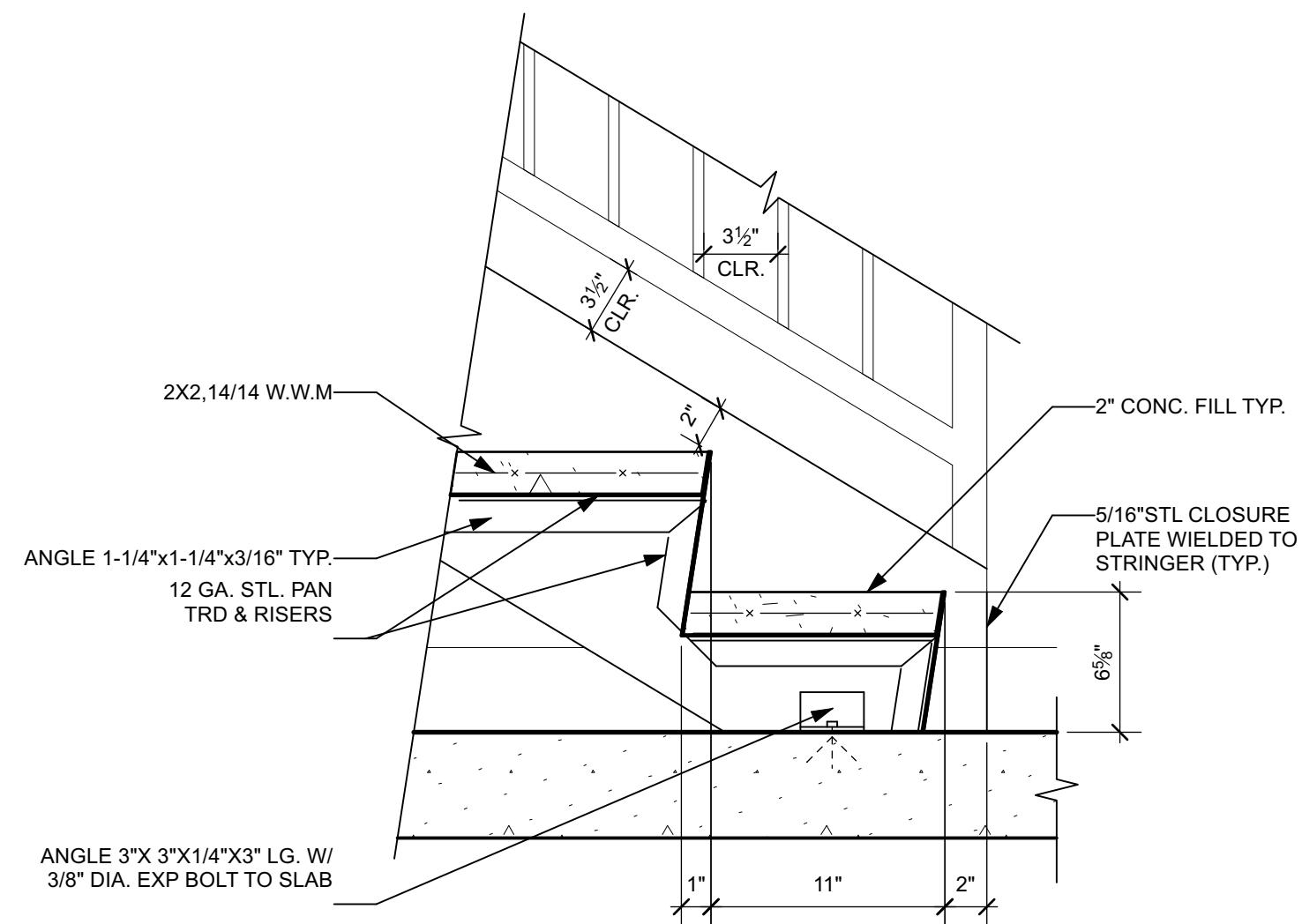
4 SECTION @ STAIR  
Scale: 1/2" = 1'-0"



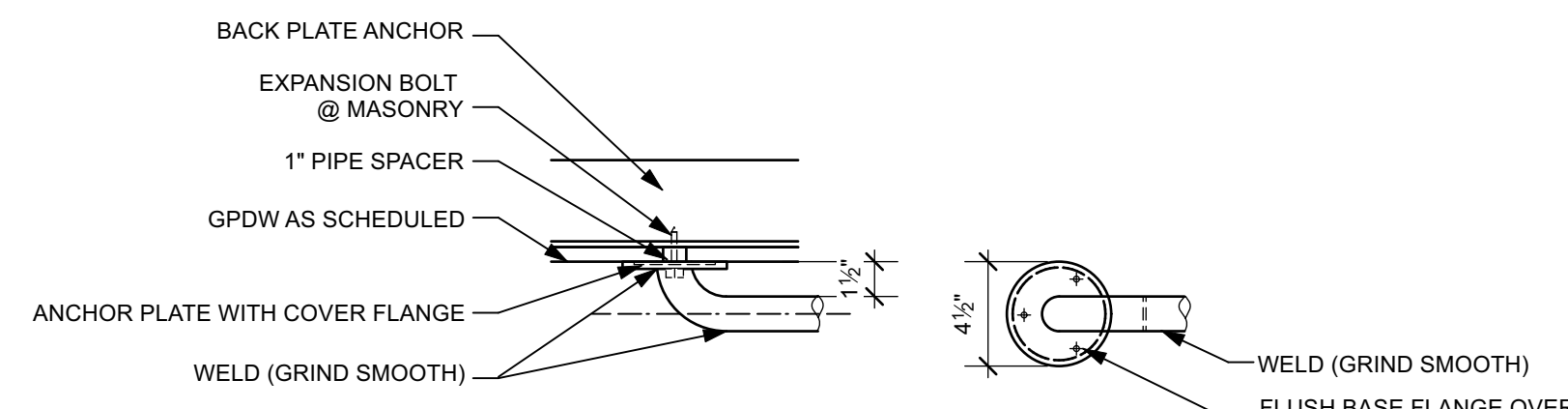
5 STAIR DETAIL  
Scale: 1 1/2" = 1'-0"



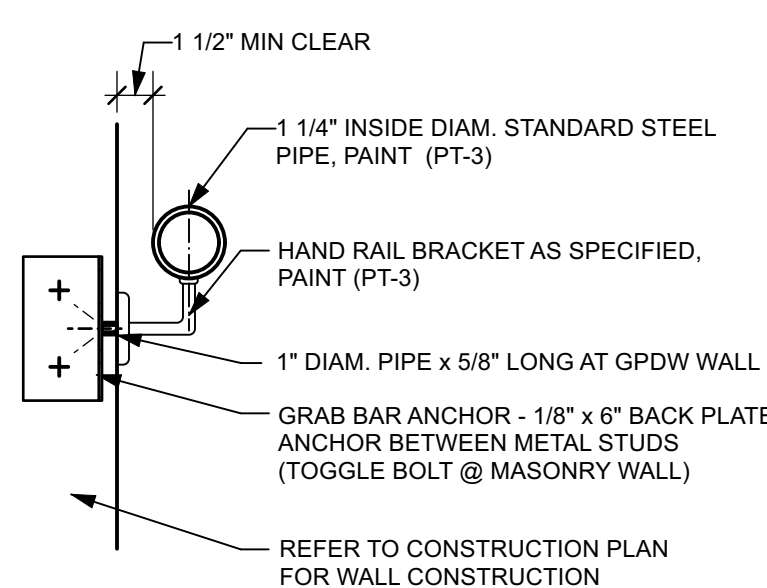
6 STAIR DETAIL  
Scale: 1 1/2" = 1'-0"



7 STAIR DETAIL  
Scale: 1 1/2" = 1'-0"



8 DETAIL @ HANDRAIL CONNECTION  
Scale: 1 1/2" = 1'-0"



9 DETAIL @ HANDRAIL  
Scale: 1 1/2" = 1'-0"











Willis V. Carrier Recreation Center - Phase 3

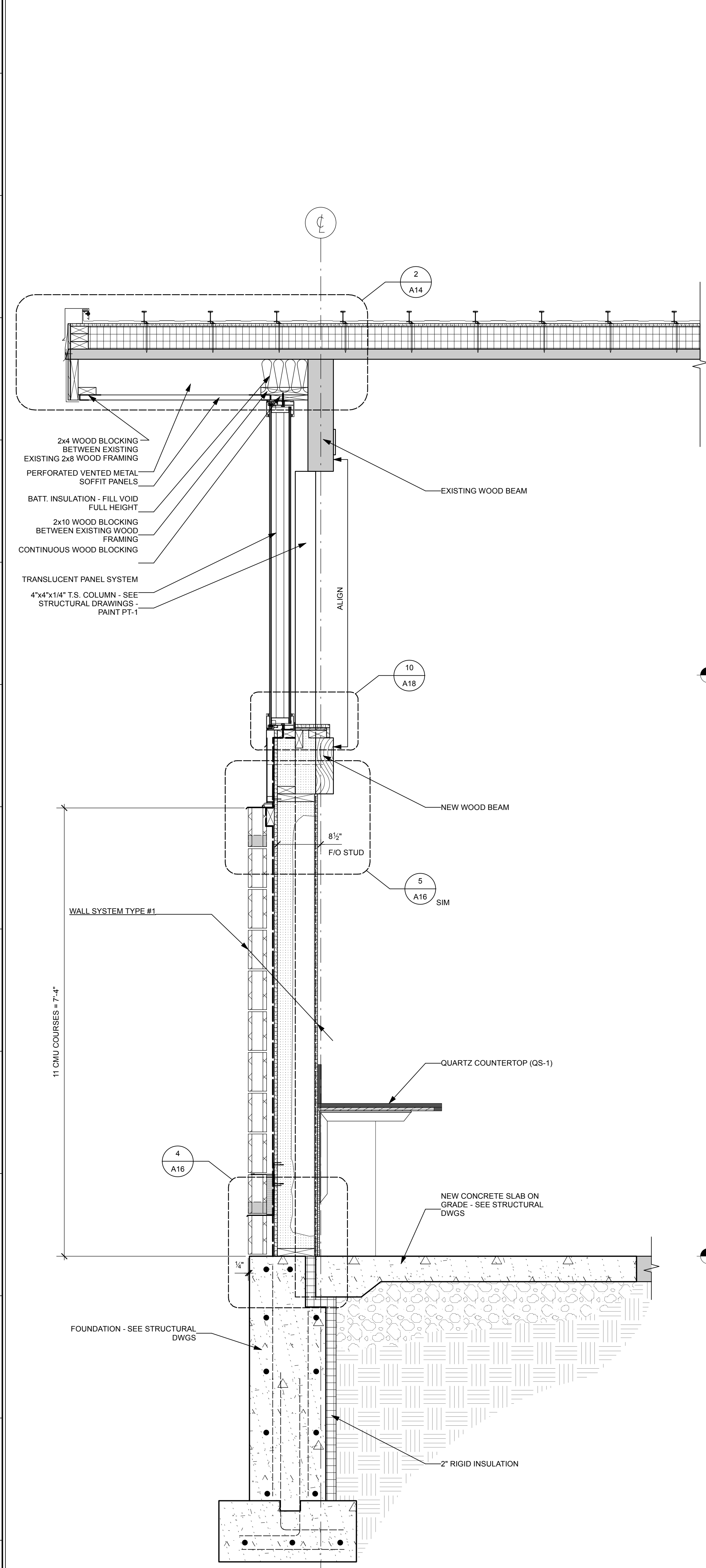
Town of Dewitt  
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EAST SYRACUSE, NEW YORK 13057

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Project Number:	TOD-PH3		
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Scale:	AS SHOWN		

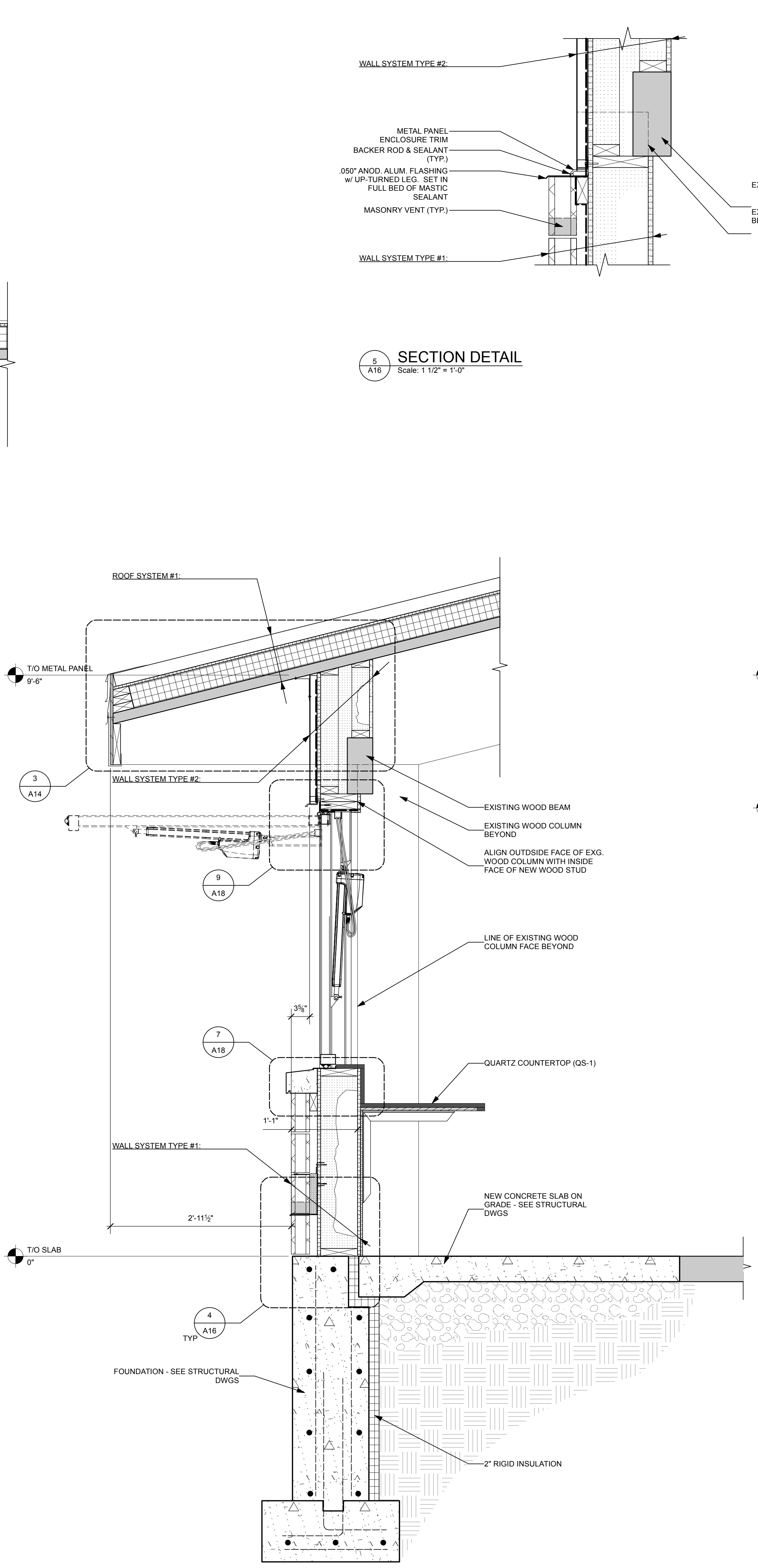
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Date: DECEMBER 16, 2024  
Drawing No.: PAVILION CONCESSIONS - WALL SECTIONS  
Sheet Number:

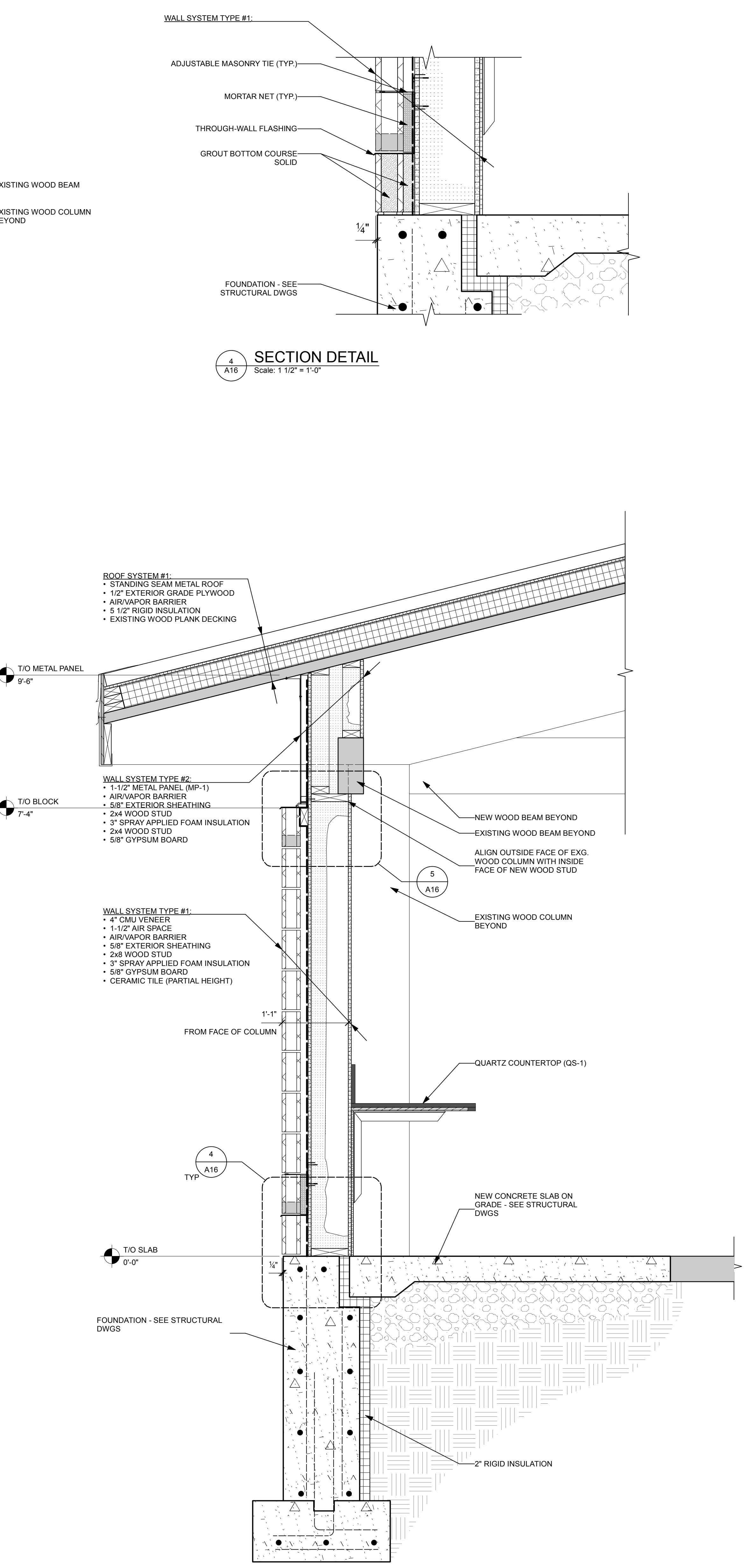
A16



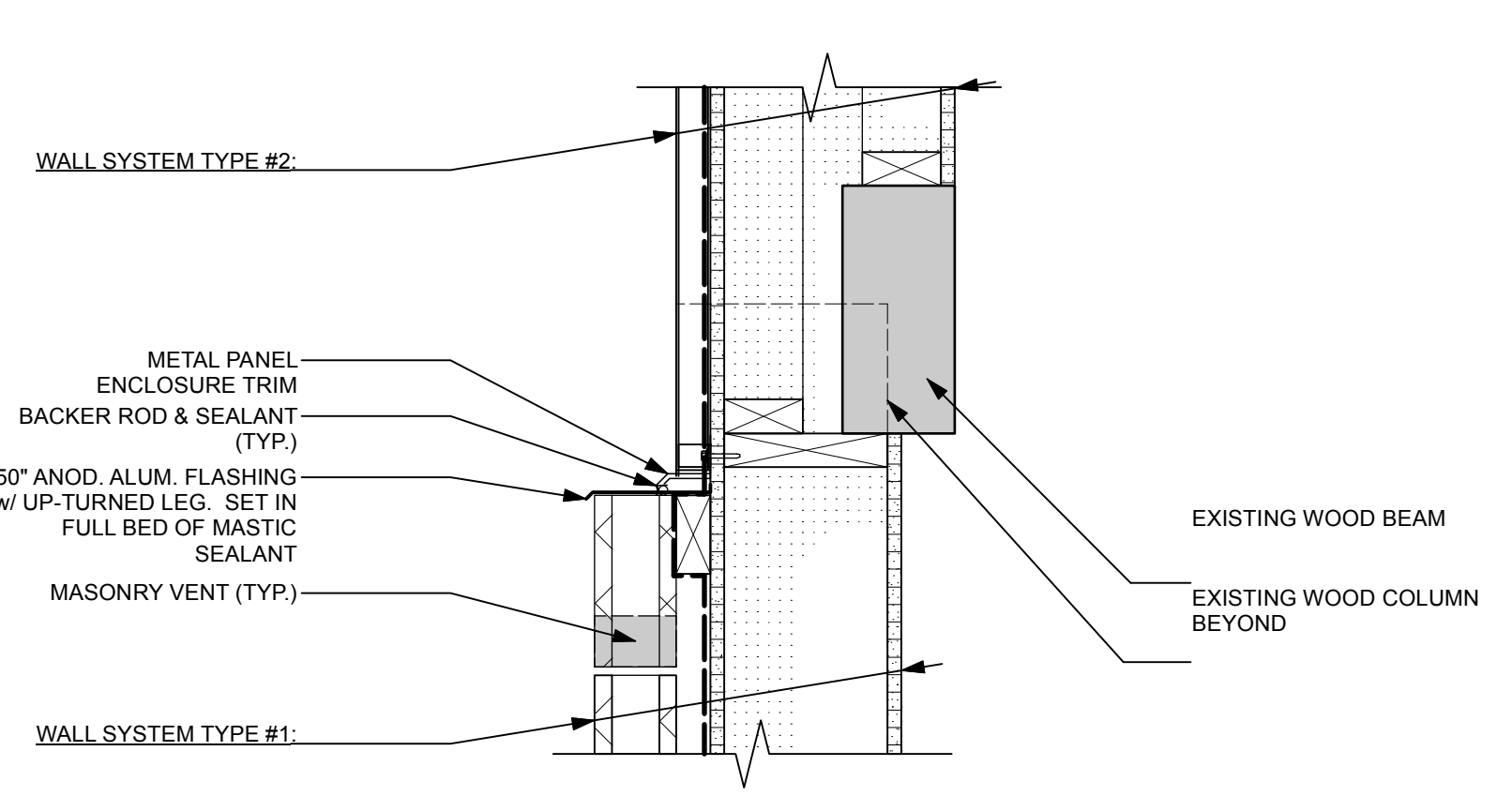
3 WALL SECTION  
Scale: 1" = 1'-0"



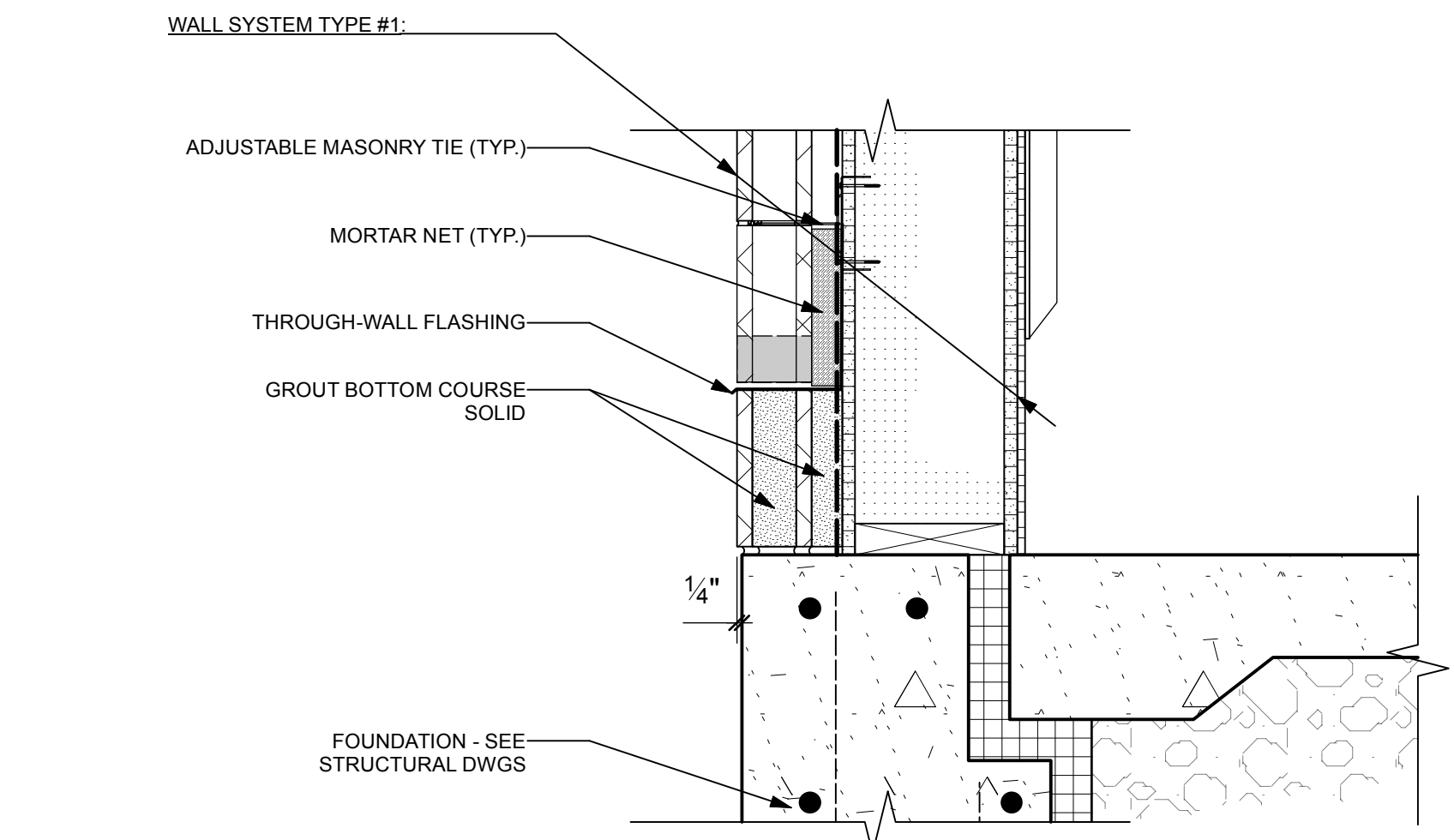
2 WALL SECTION  
Scale: 1" = 1'-0"



1 WALL SECTION  
Scale: 1" = 1'-0"



5 SECTION DETAIL  
Scale: 1 1/2" = 1'-0"



4 SECTION DETAIL  
Scale: 1 1/2" = 1'-0"

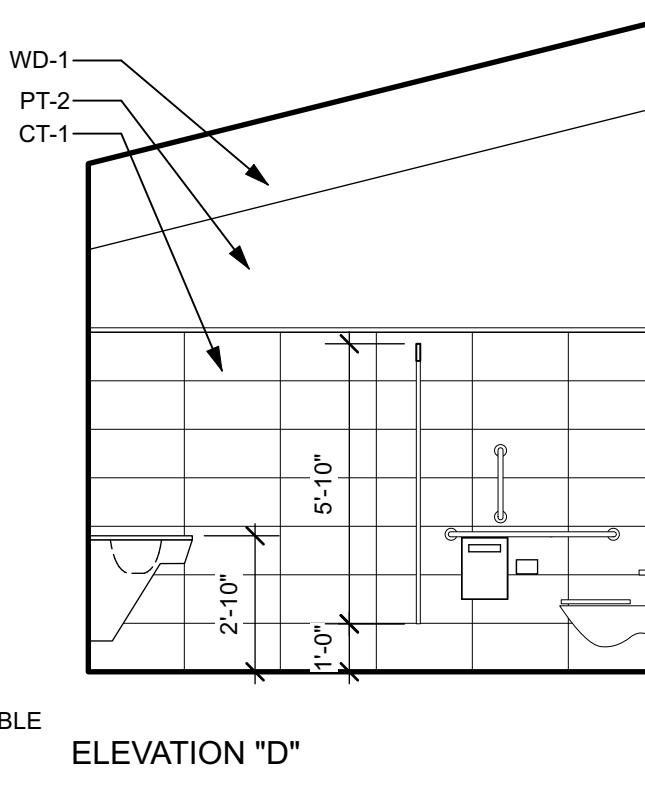
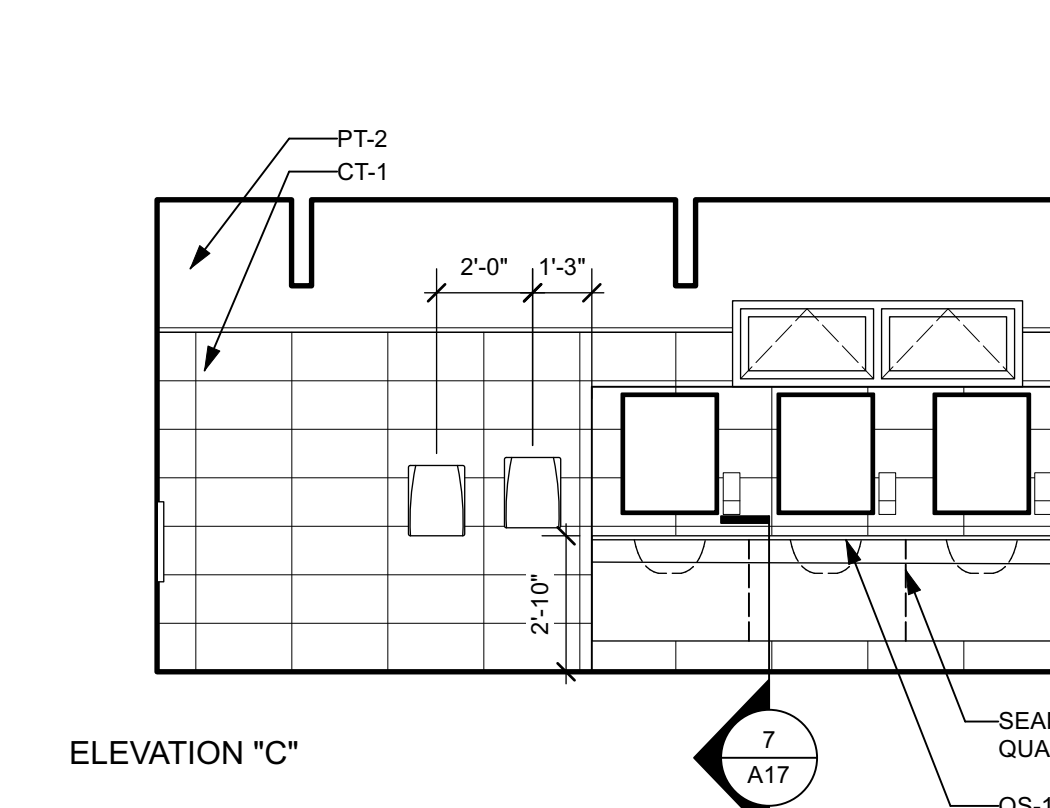
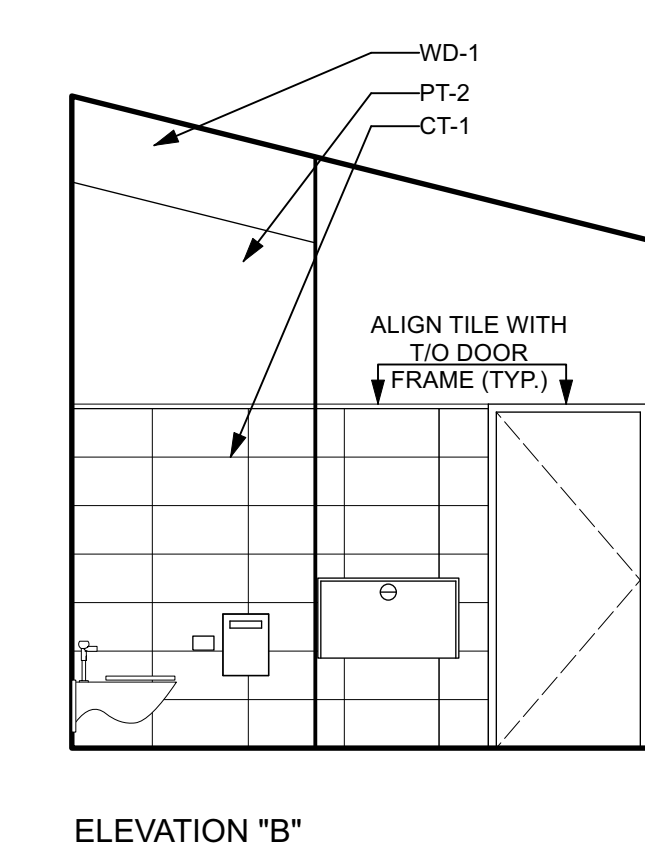
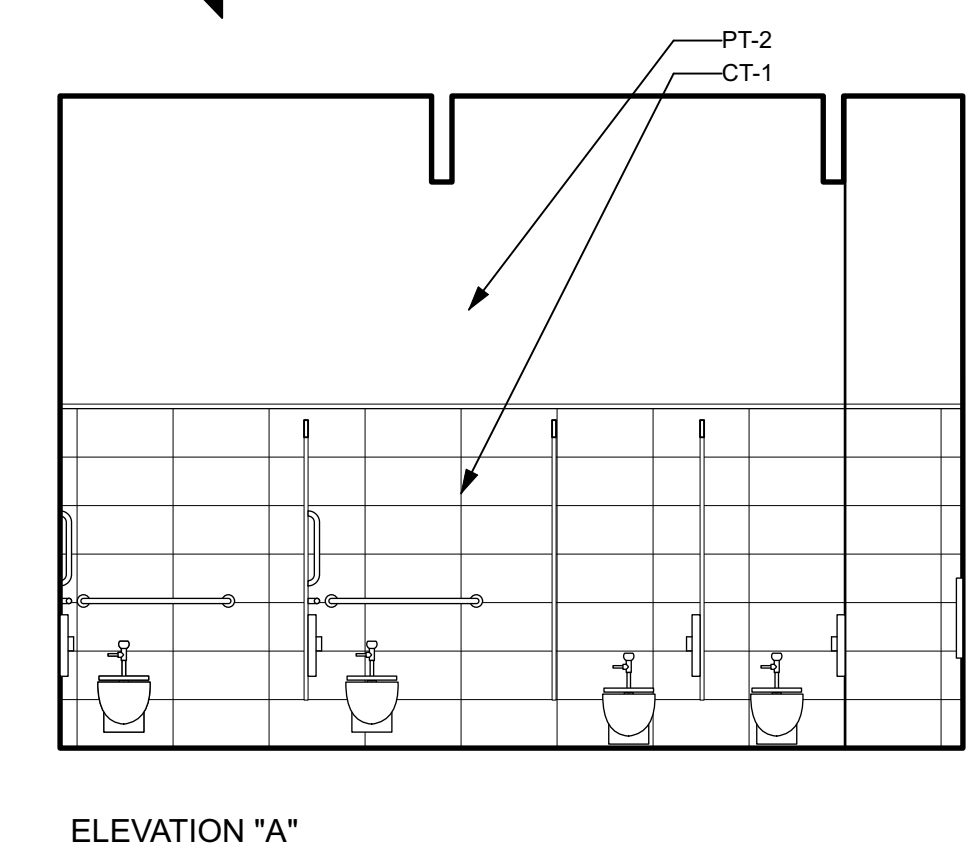
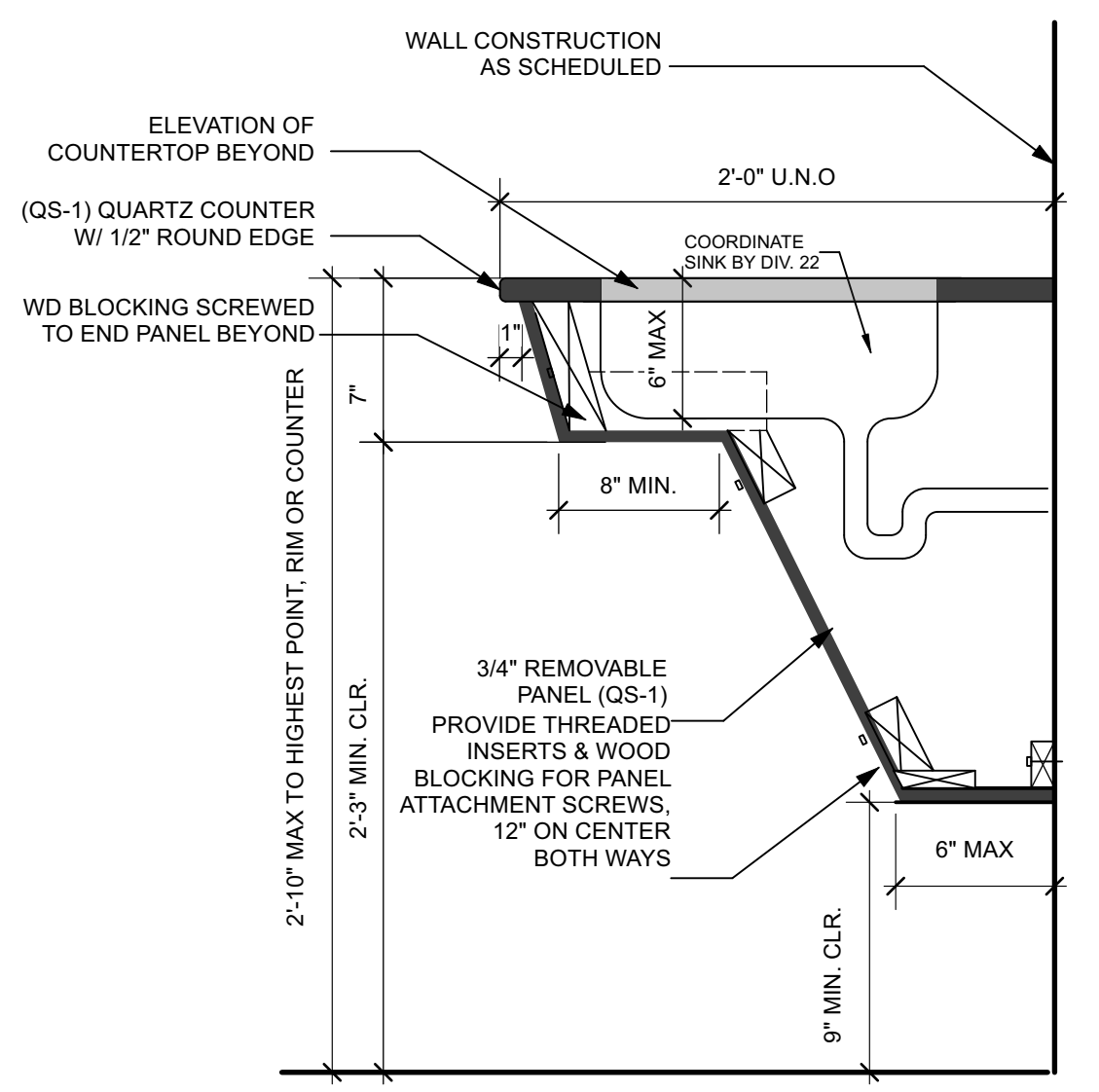
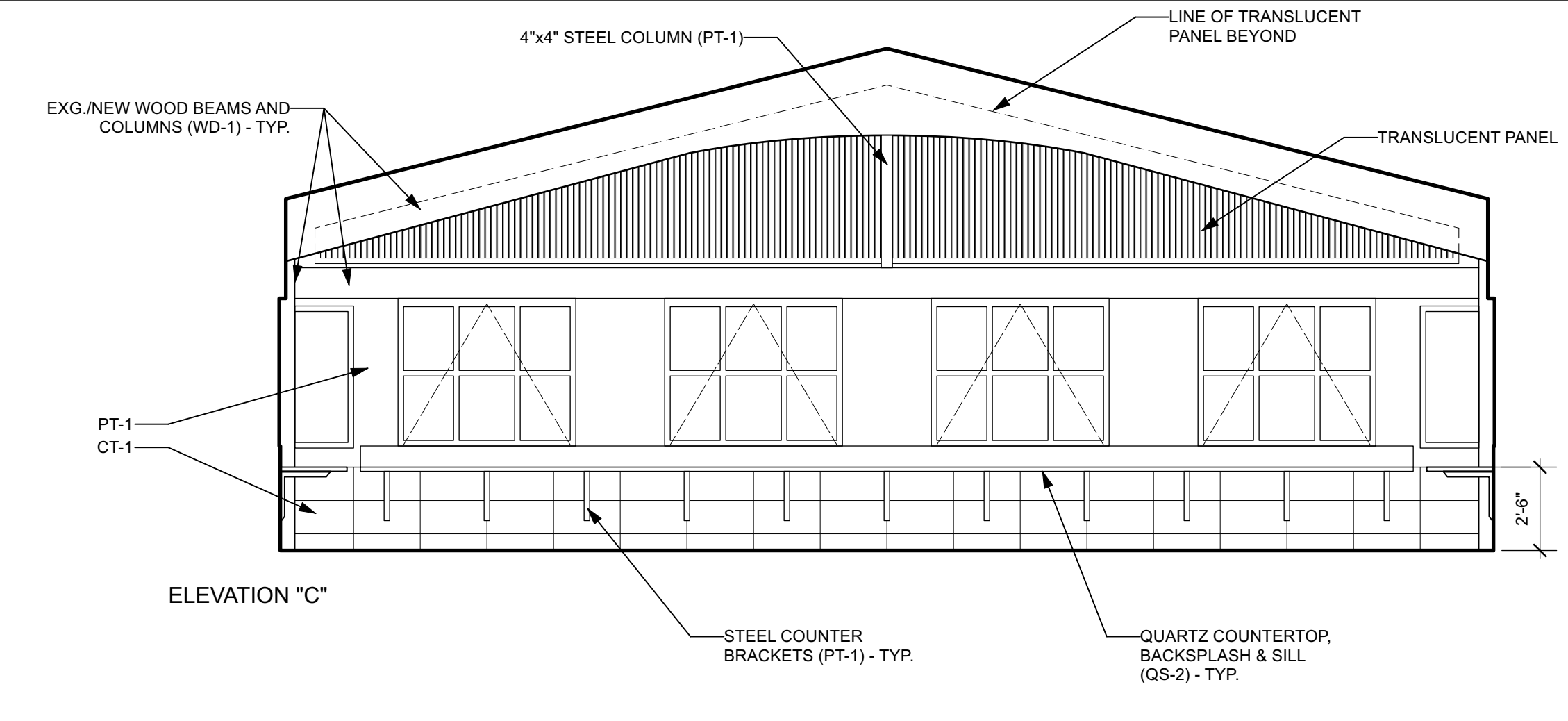
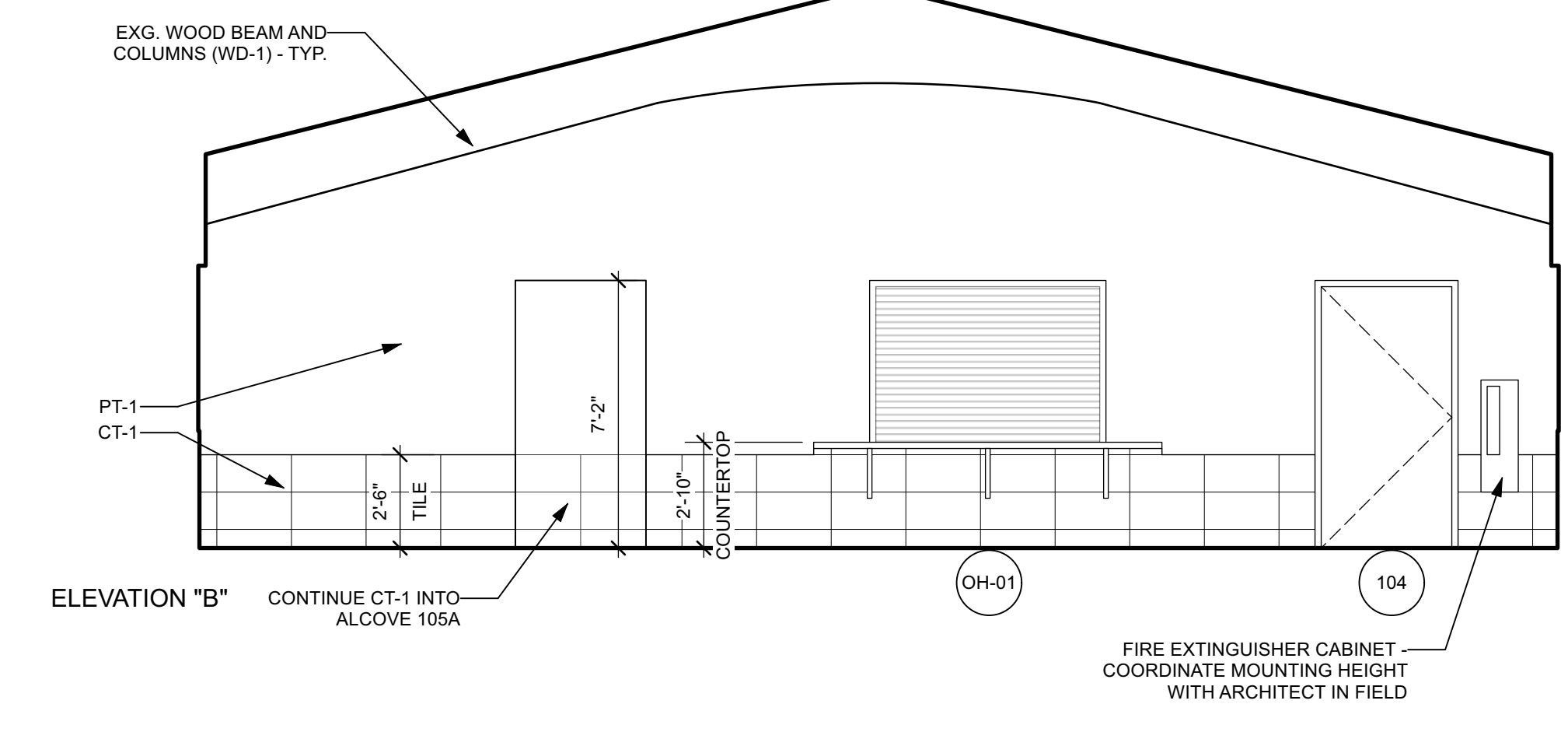
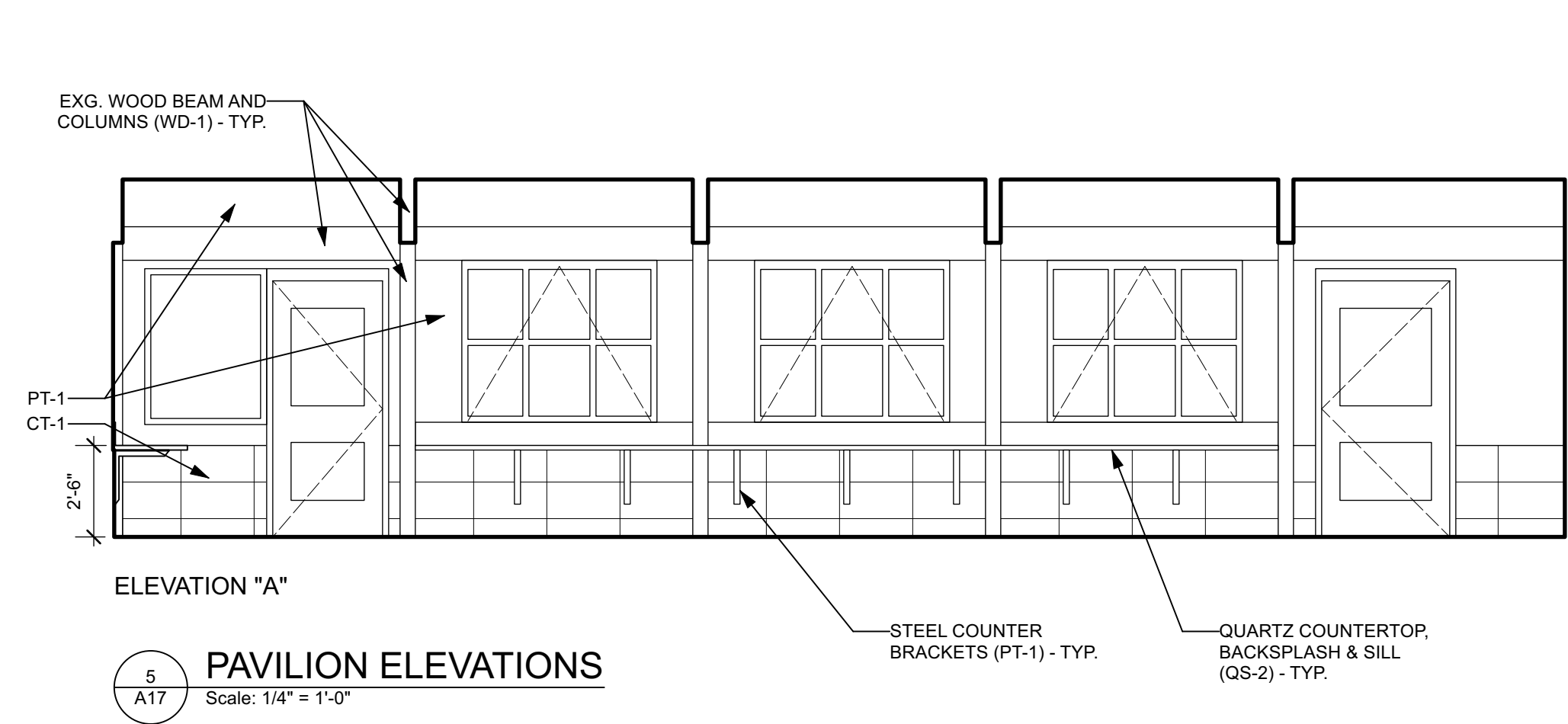
Project Number:	TOD-PH3
Drawn By:	X
Checked By:	X
Scale:	AS SHOWN

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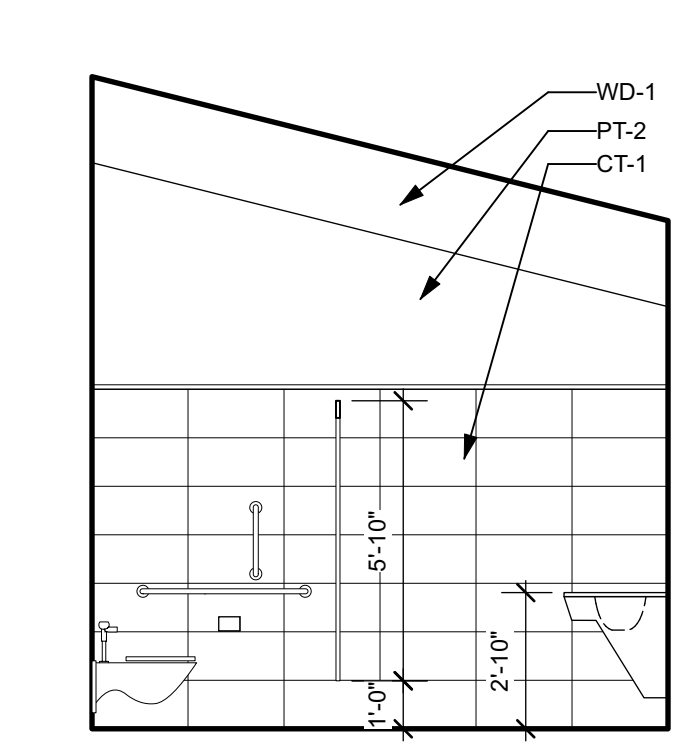
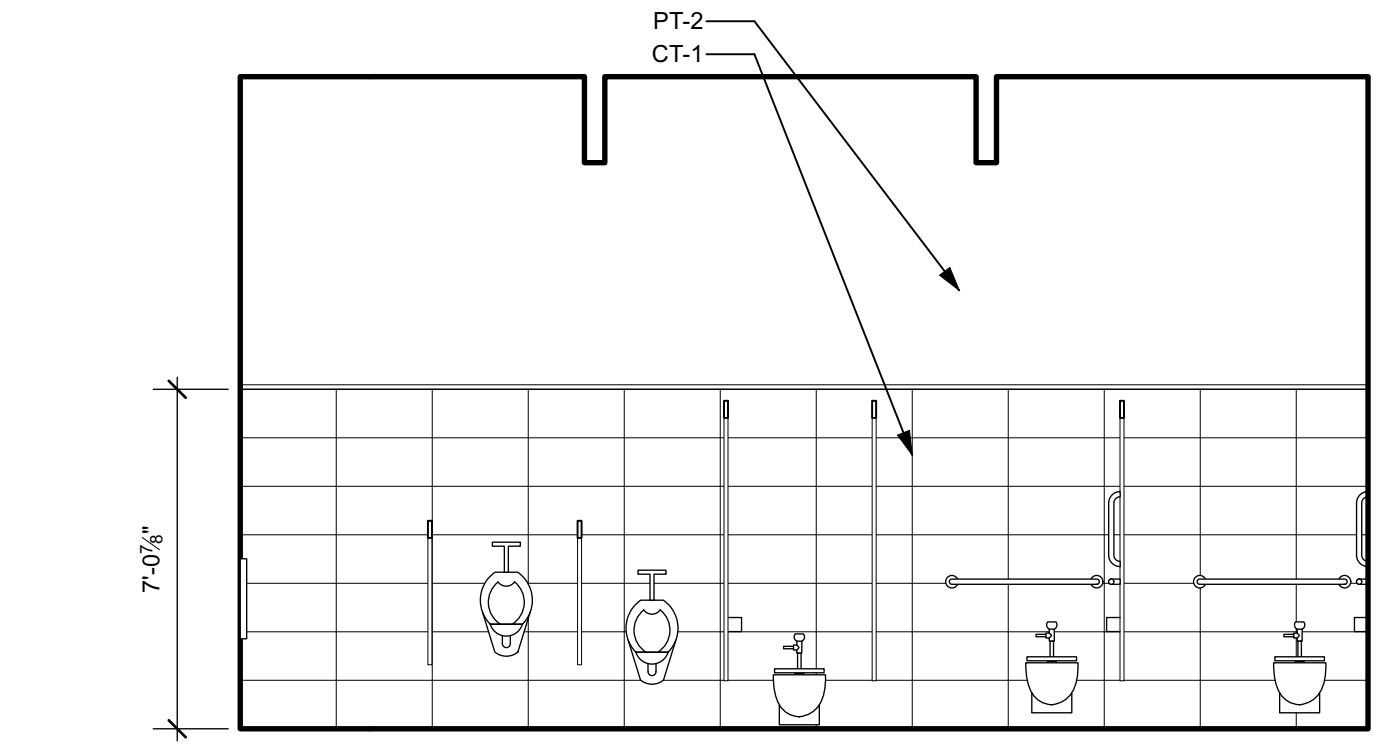
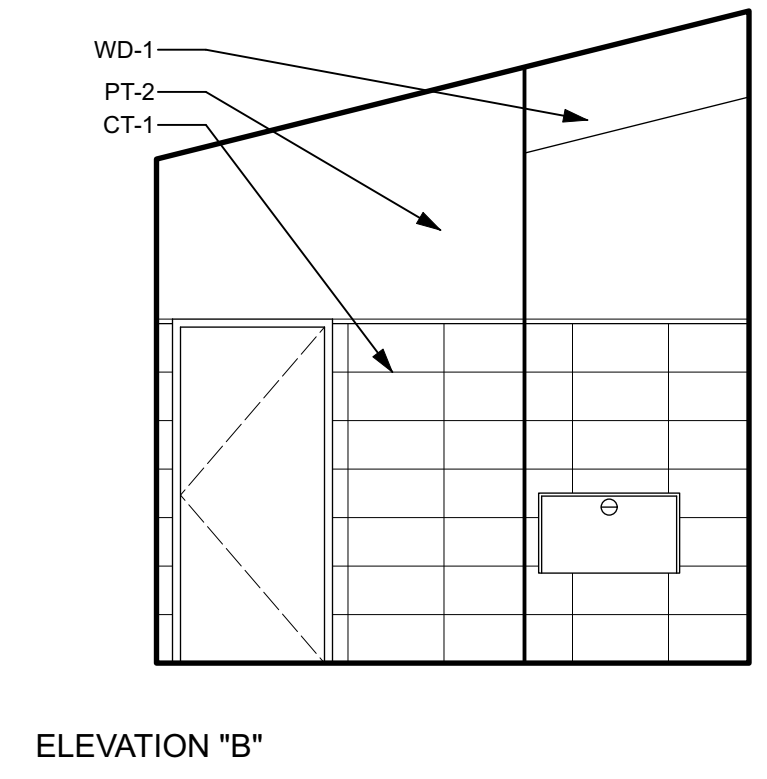
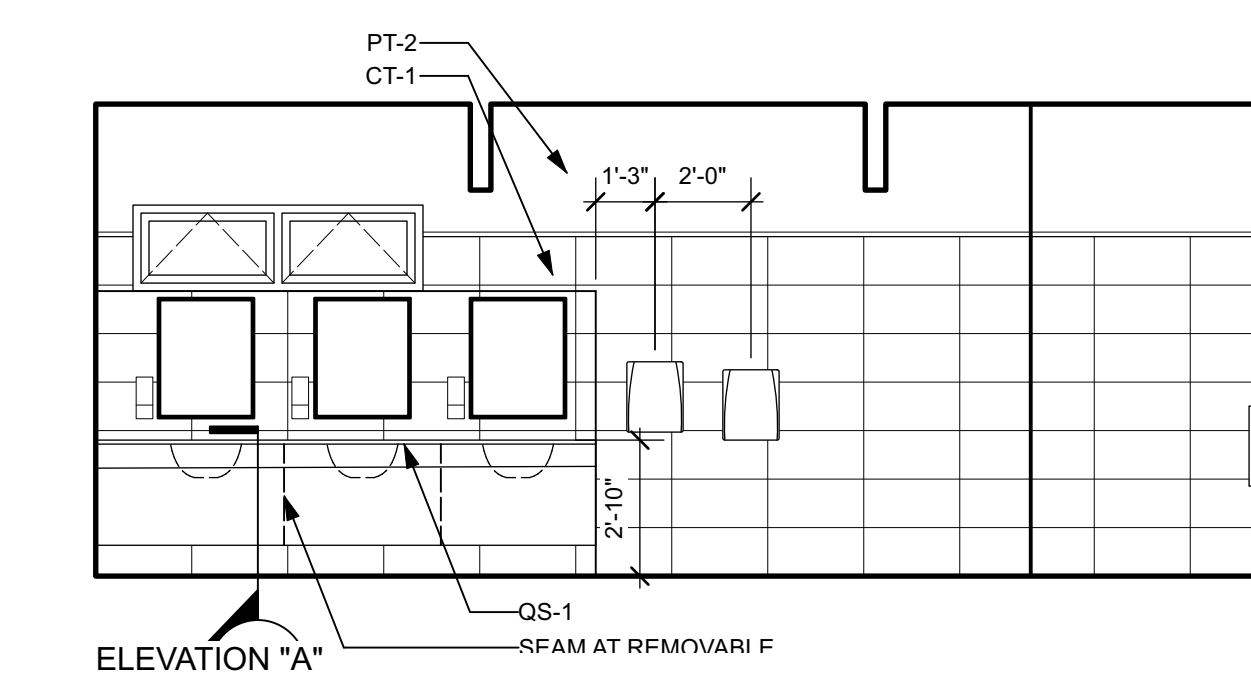
DATE: DECEMBER 16, 2024

PROJECT: PAVILION CONCESSIONS - ENLARGED PLANS & INTERIOR ELEVATIONS

Sheet Number: **A17**

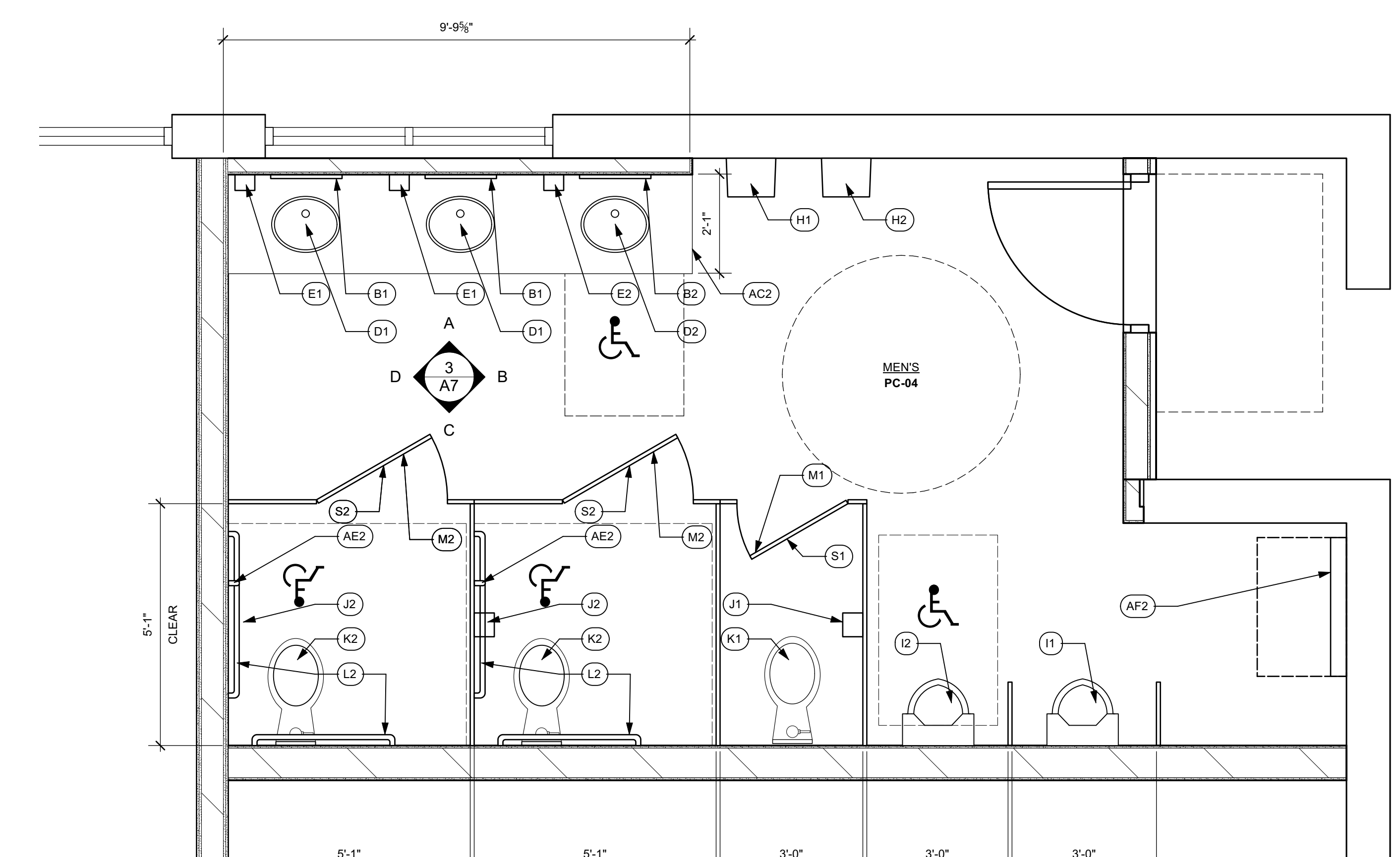
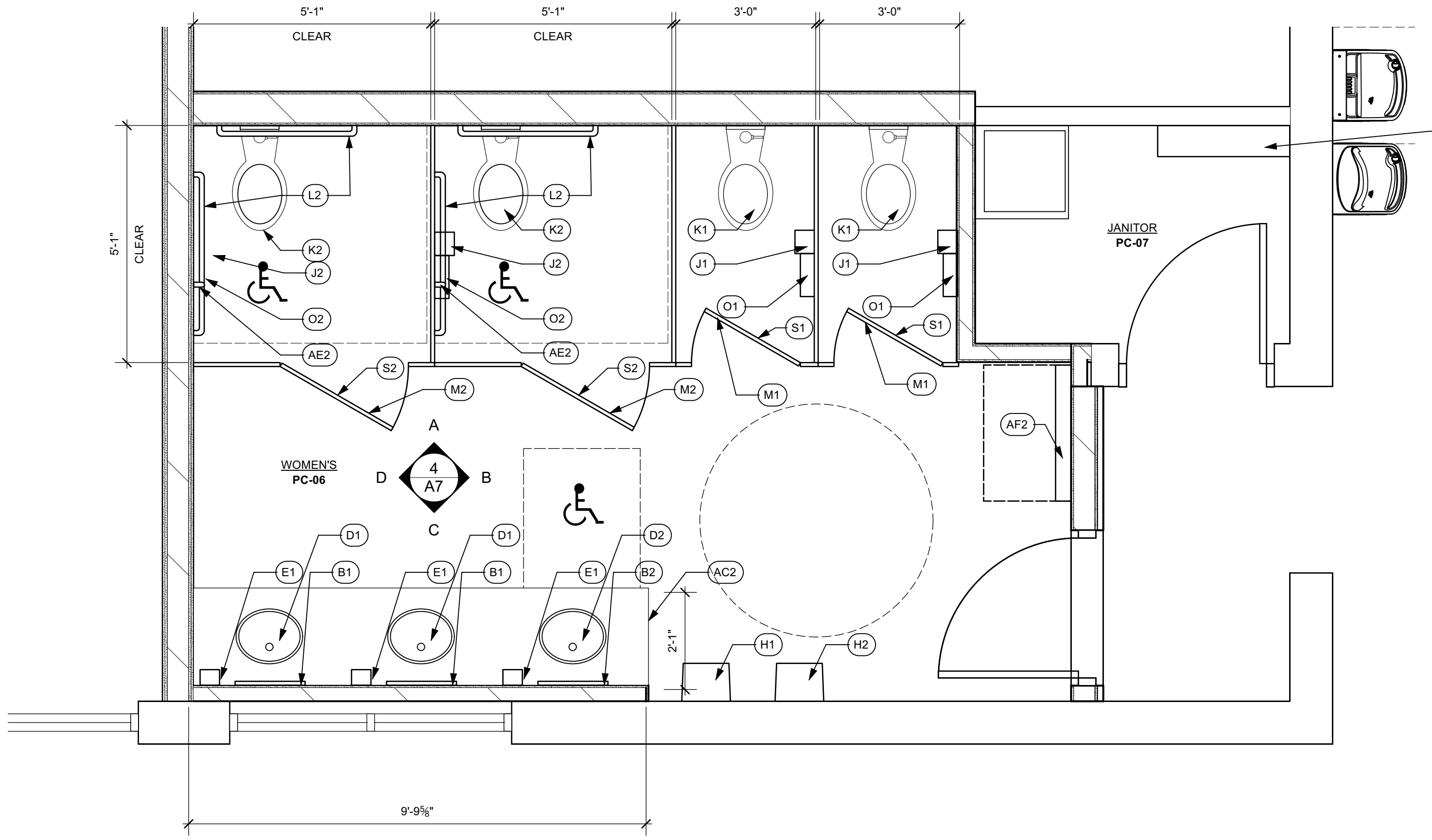


**4 WOMEN'S TOILET ROOM ELEVATIONS**  
Scale: 1/4" = 1'-0"



**3 MEN'S TOILET ROOM ELEVATIONS**  
Scale: 1/4" = 1'-0"

NOTE: -REFER TO GENERAL DRAWING A17 FOR TYPICAL MOUNTING HEIGHTS

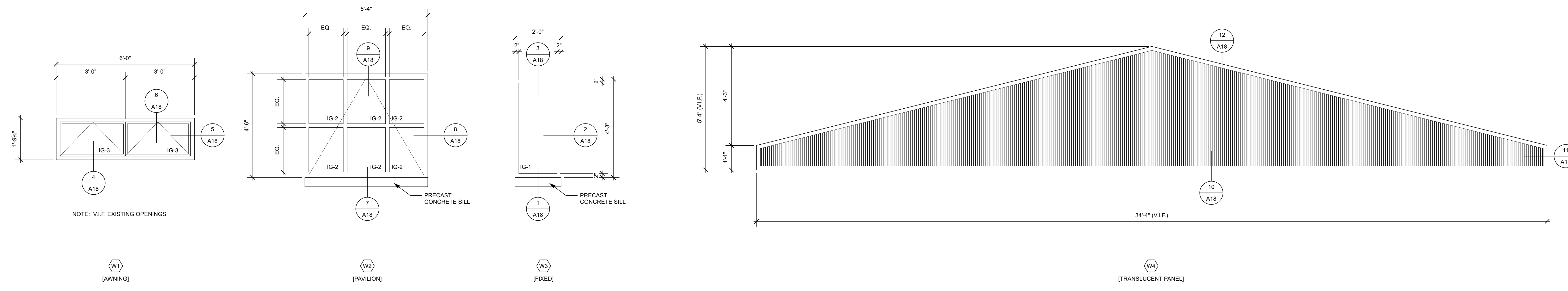


**2 WOMENS ENLARGED TOILET ROOM PLAN**  
Scale: 1/2" = 1'-0"

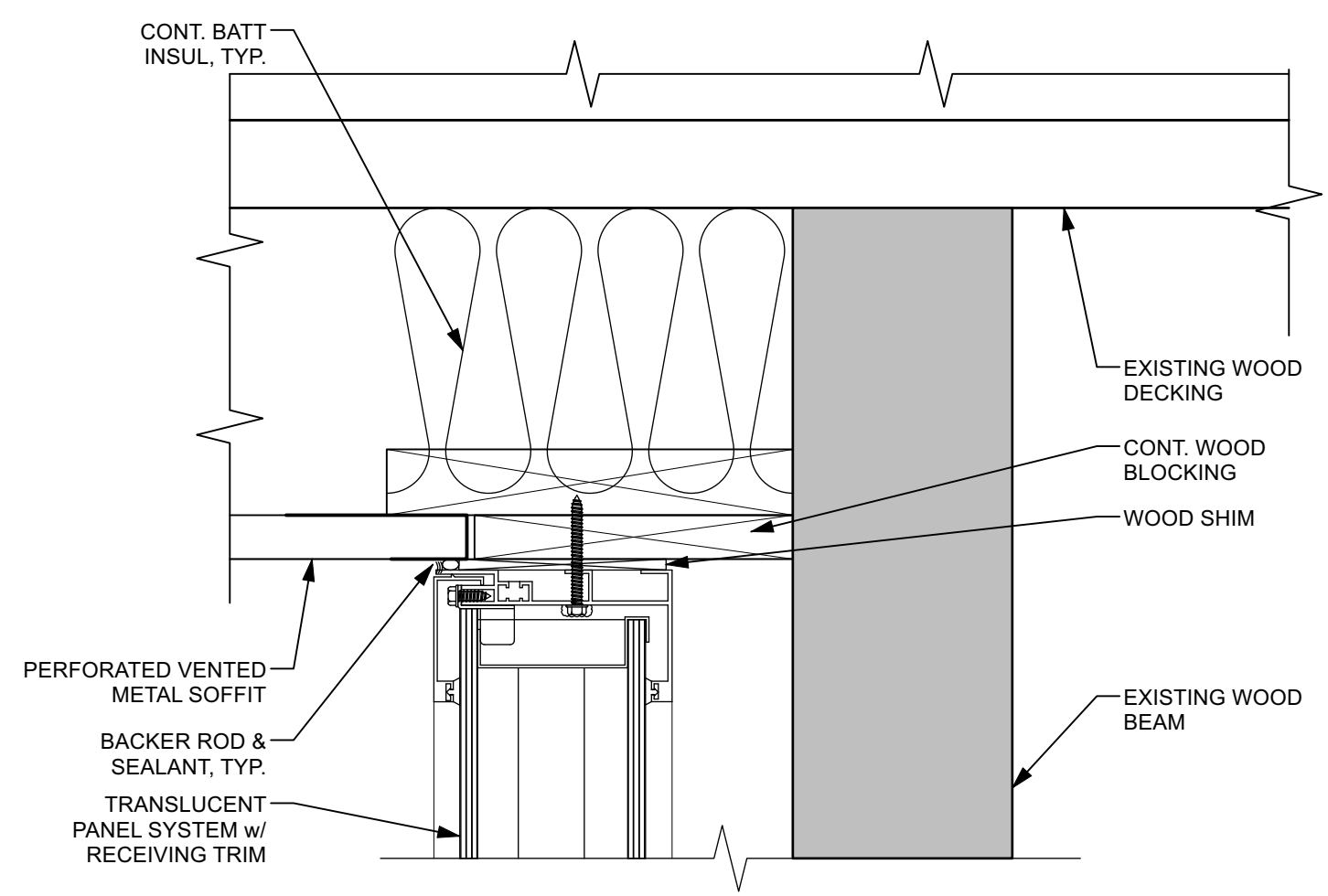
**1 MENS ENLARGED TOILET ROOM PLAN**  
Scale: 1/2" = 1'-0"

Revised:	No.	Date	Issued For
Project Number:	TOD-PH3		
Drawn By:	X		
Checked By:	X		
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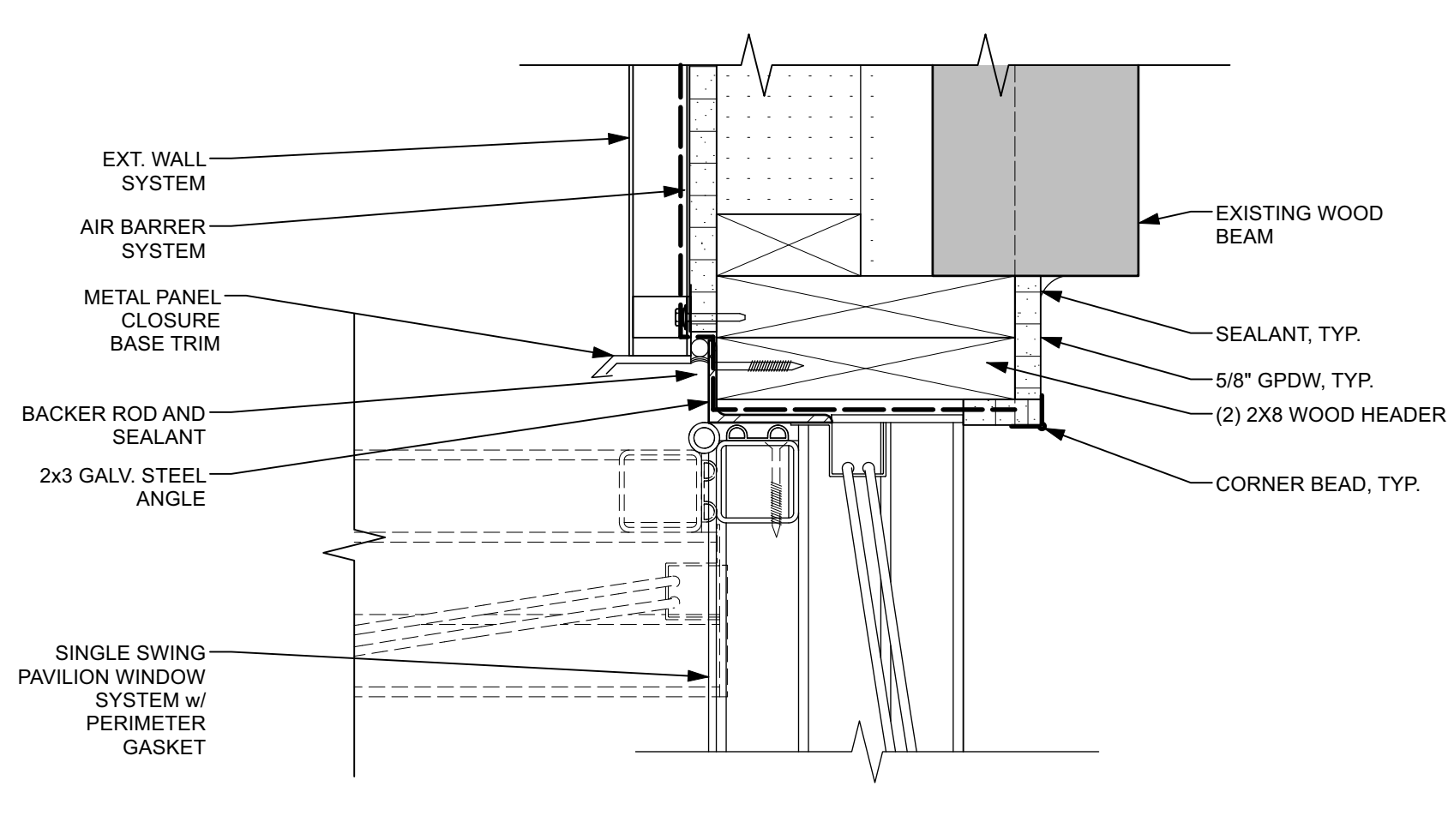
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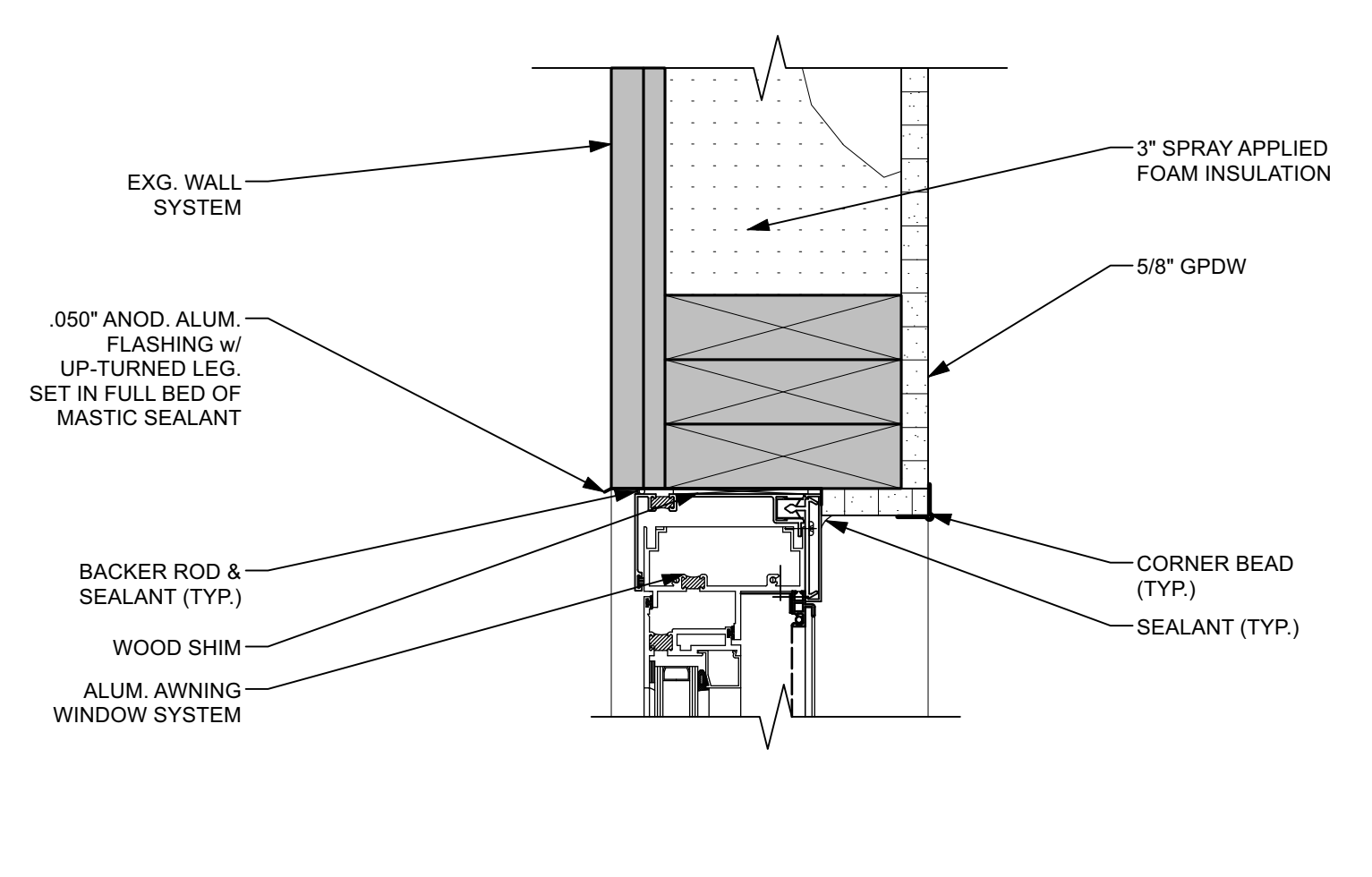
13 WINDOW TYPES  
A18 Scale: 1/2" = 1'-0"



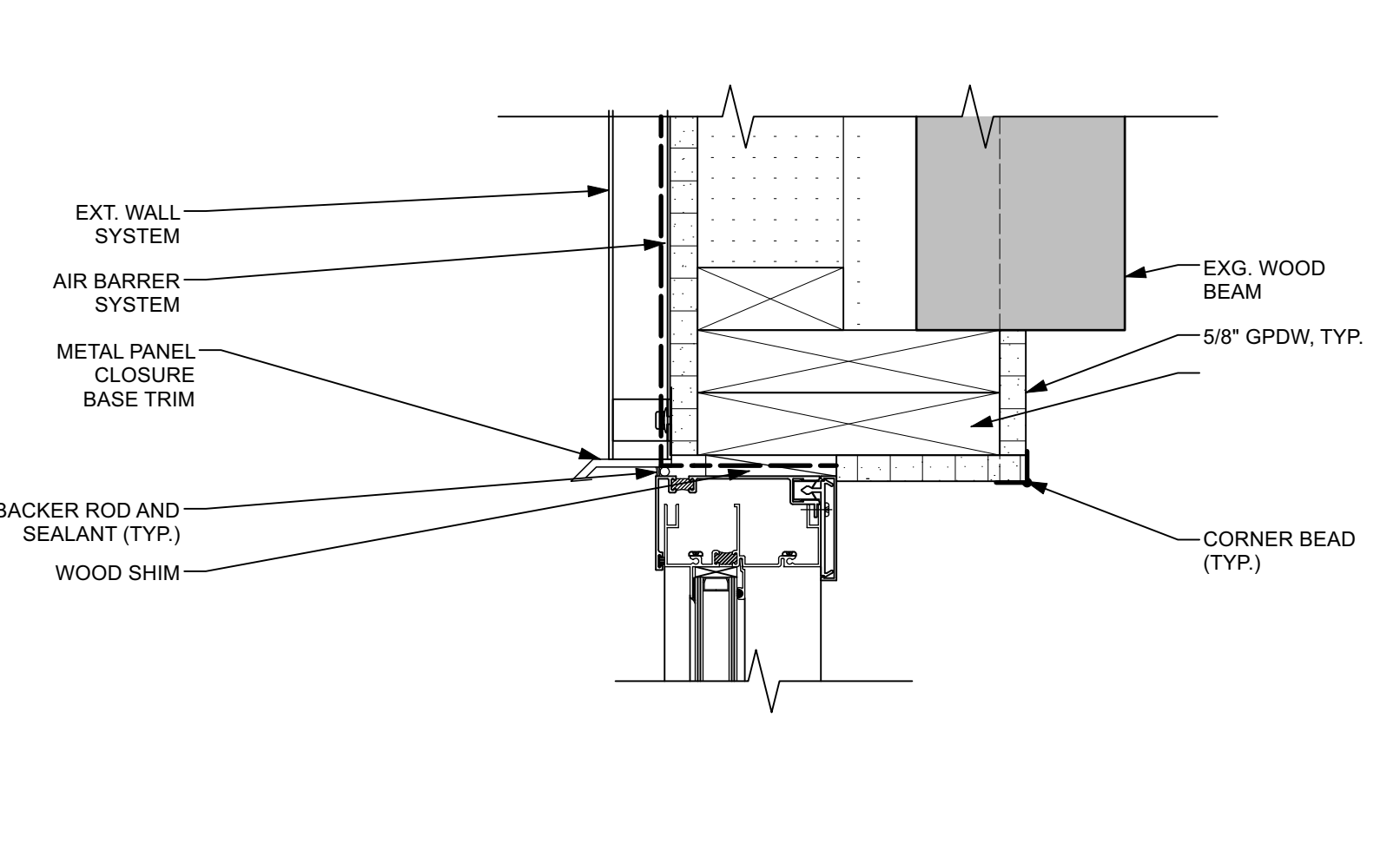
12 TRANSLUCENT PANEL - HEAD DETAIL  
A18 Scale: 3" = 1'-0"



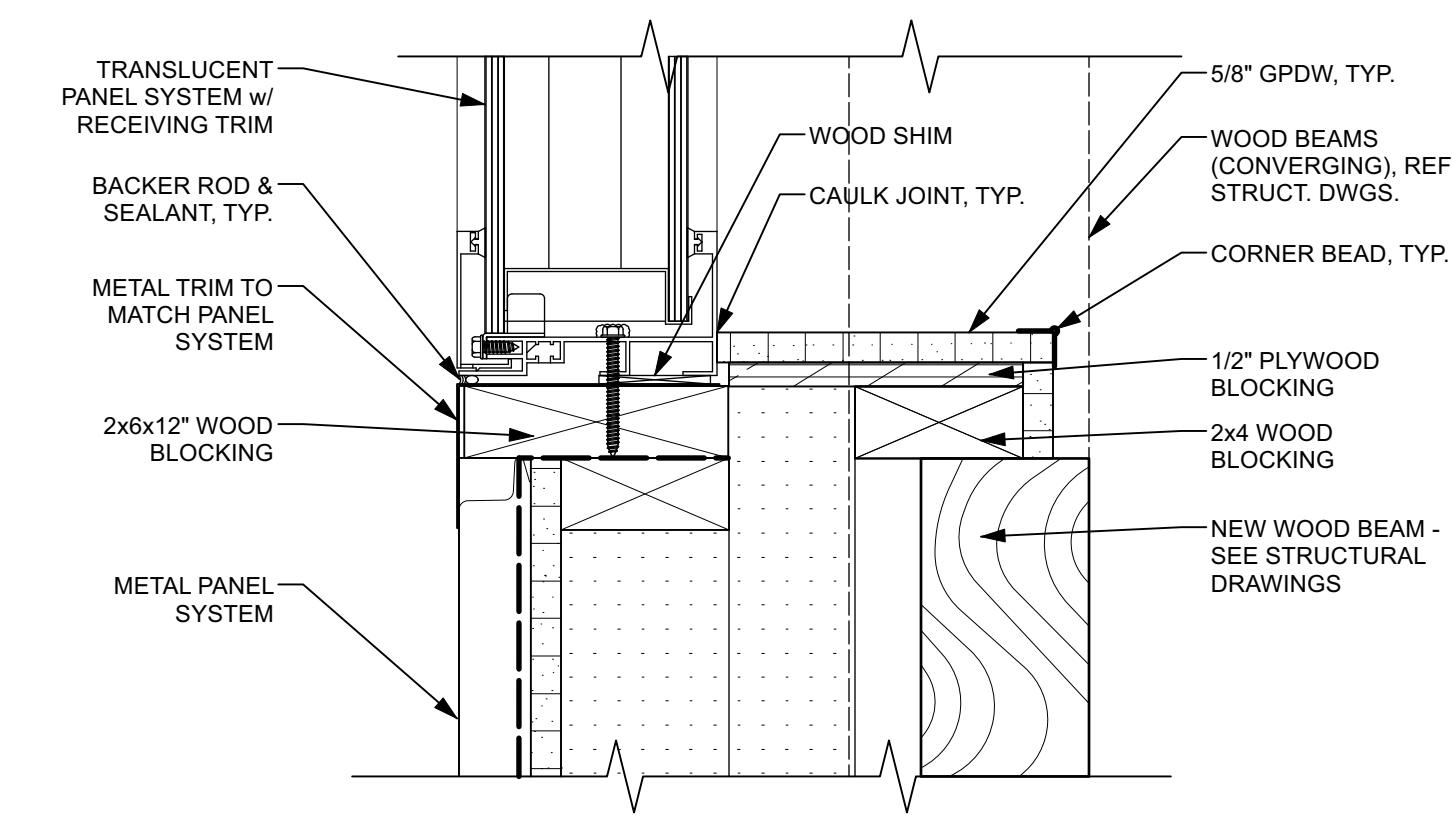
9 PAVILION WINDOW - HEAD DETAIL  
A18 Scale: 3" = 1'-0"



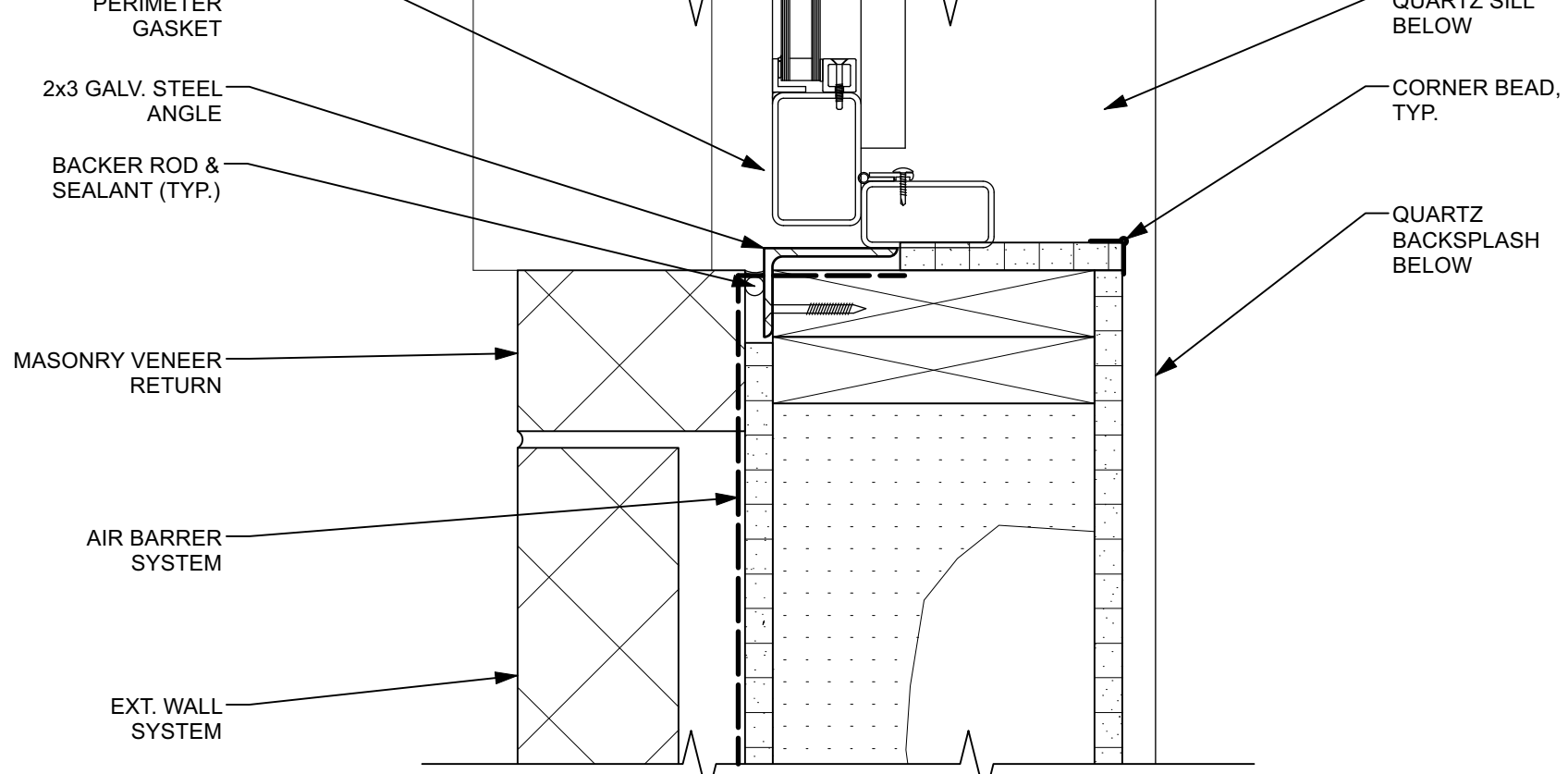
6 ALUM. AWNING WINDOW - HEAD DETAIL  
A18 Scale: 3" = 1'-0"



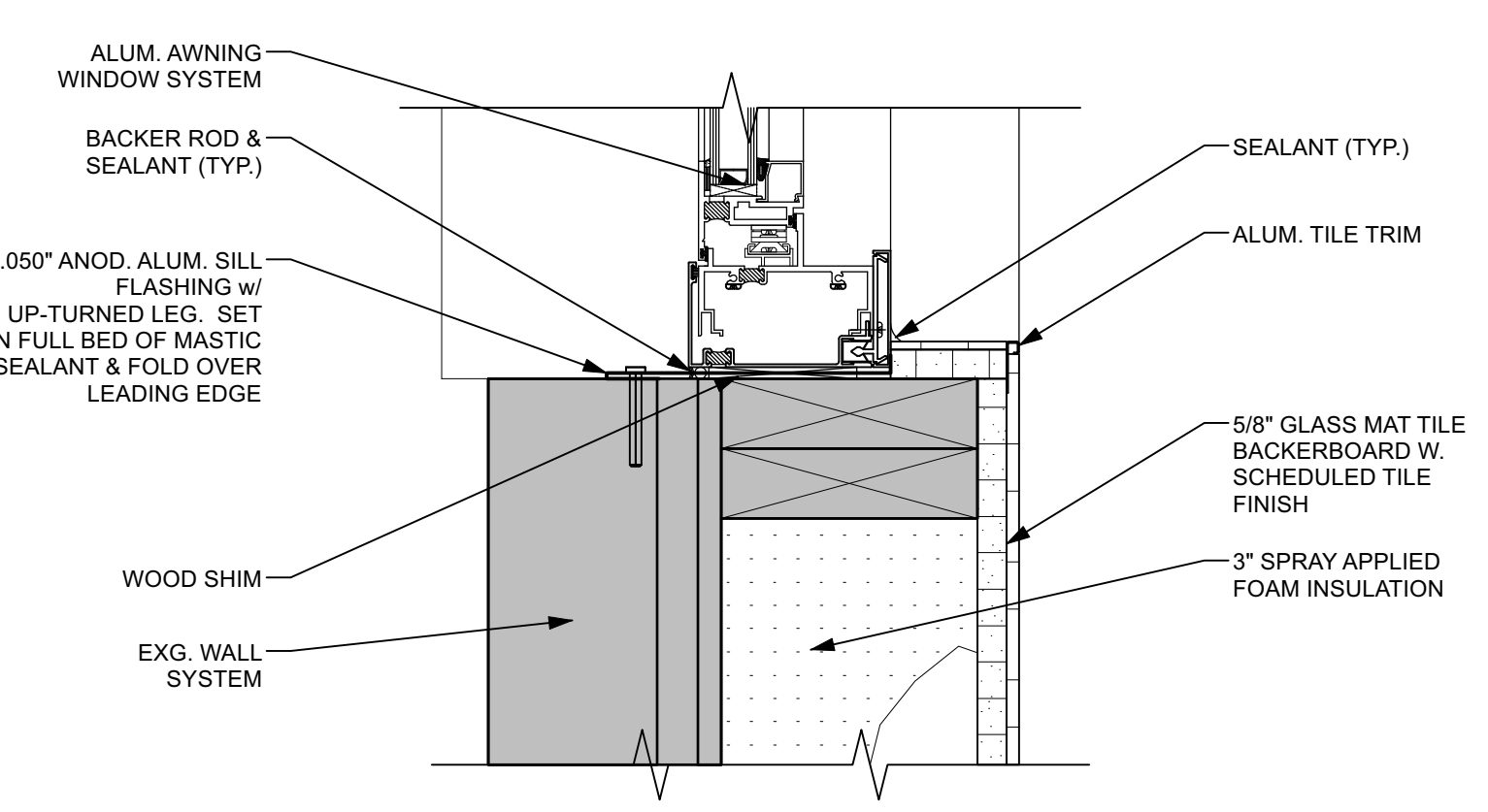
3 ALUM. FIXED WINDOW - HEAD DETAIL  
A18 Scale: 3" = 1'-0"



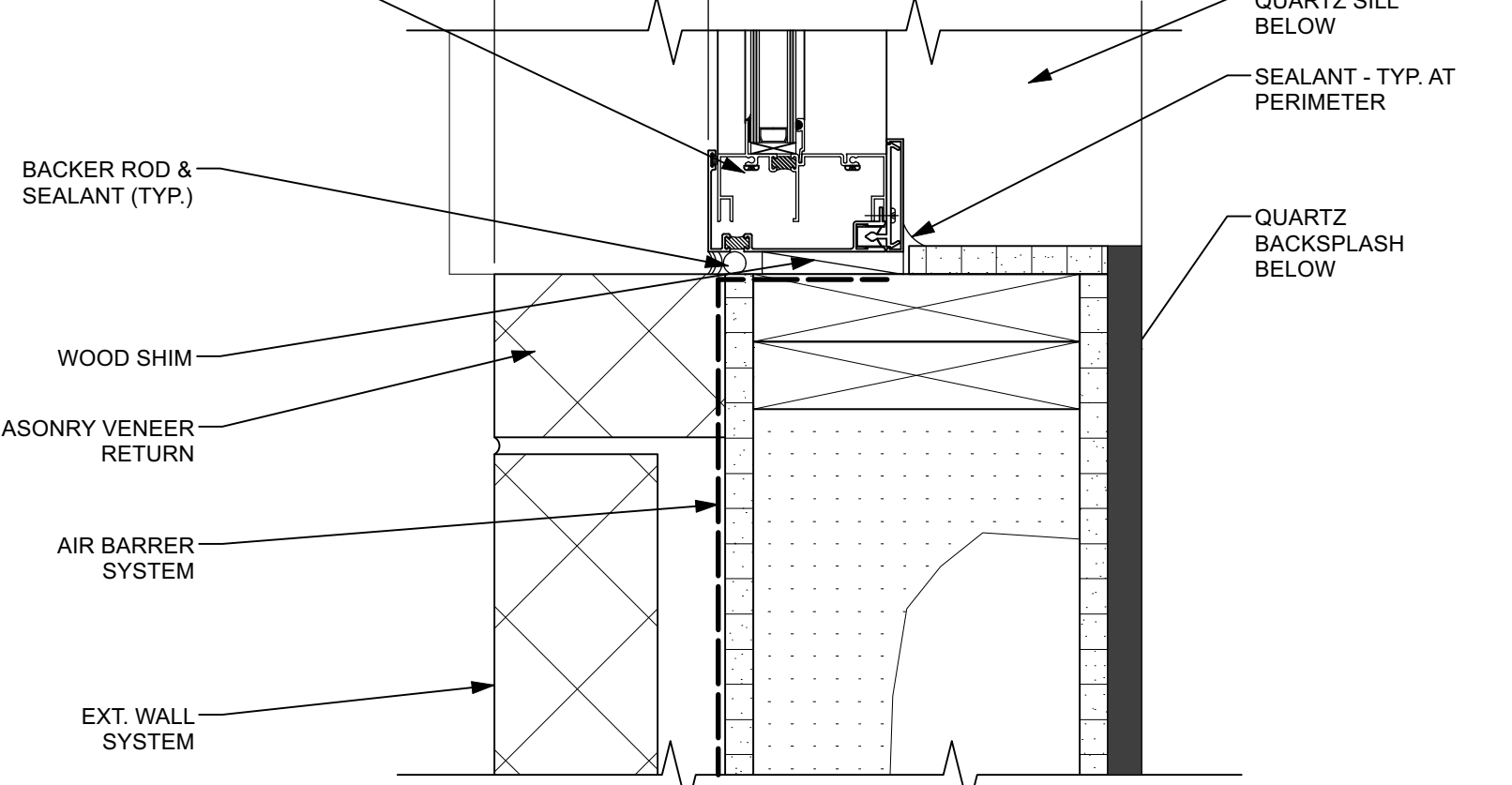
11 TRANSLUCENT PANEL - JAMB DETAIL  
A18 Scale: 3" = 1'-0"



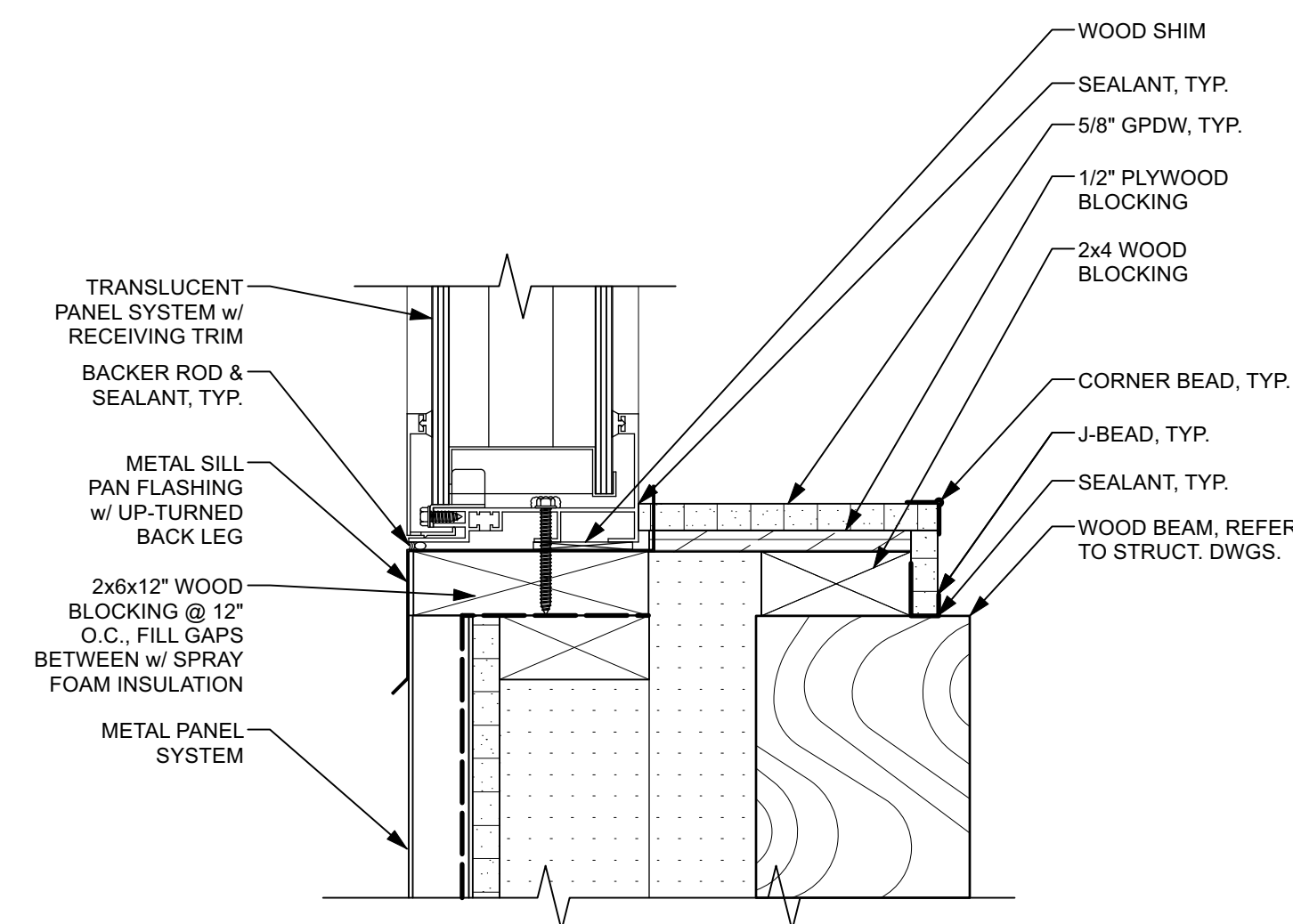
8 PAVILION WINDOW - JAMB DETAIL  
A18 Scale: 3" = 1'-0"



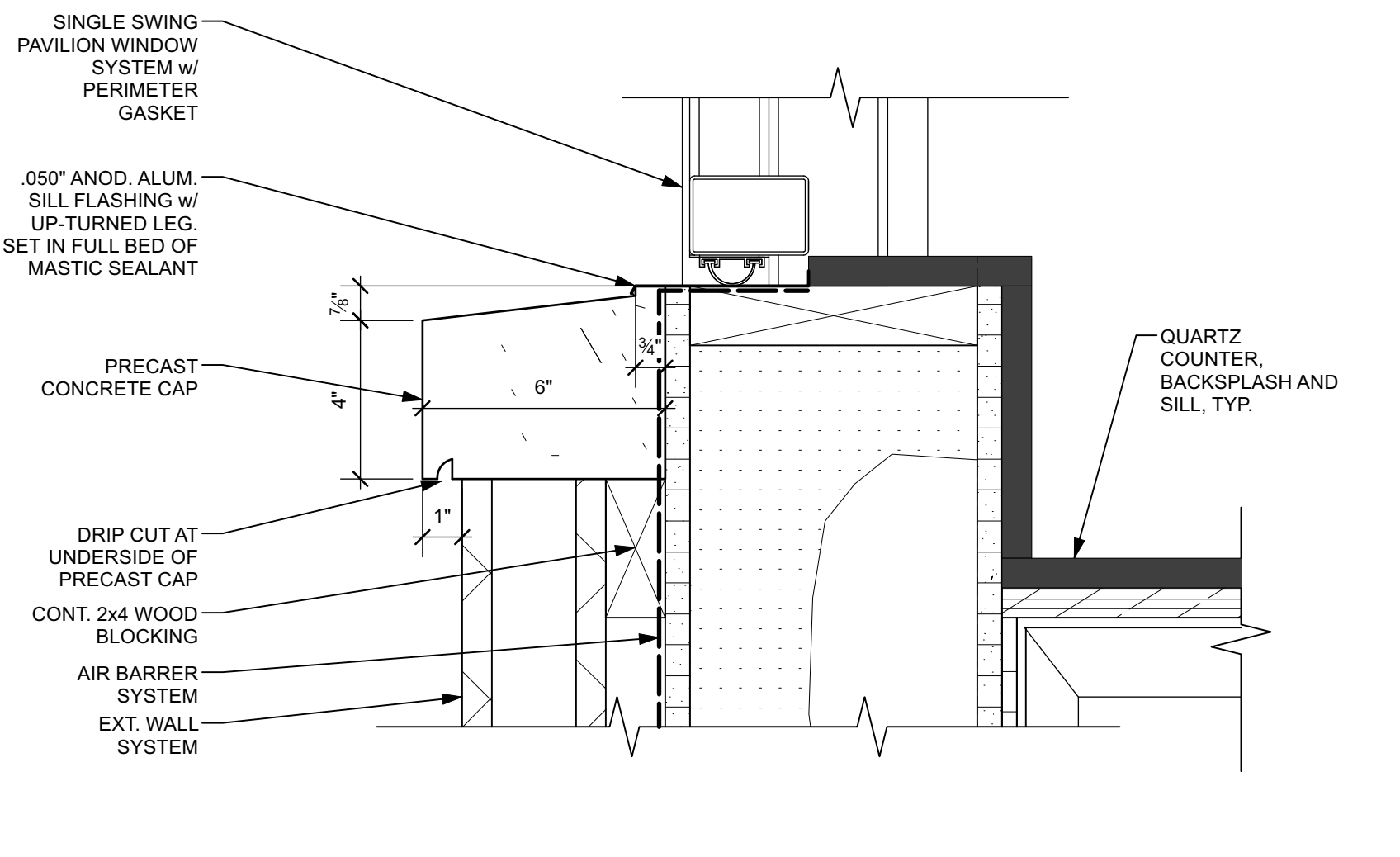
5 ALUM. AWNING WINDOW - JAMB DETAIL  
A18 Scale: 3" = 1'-0"



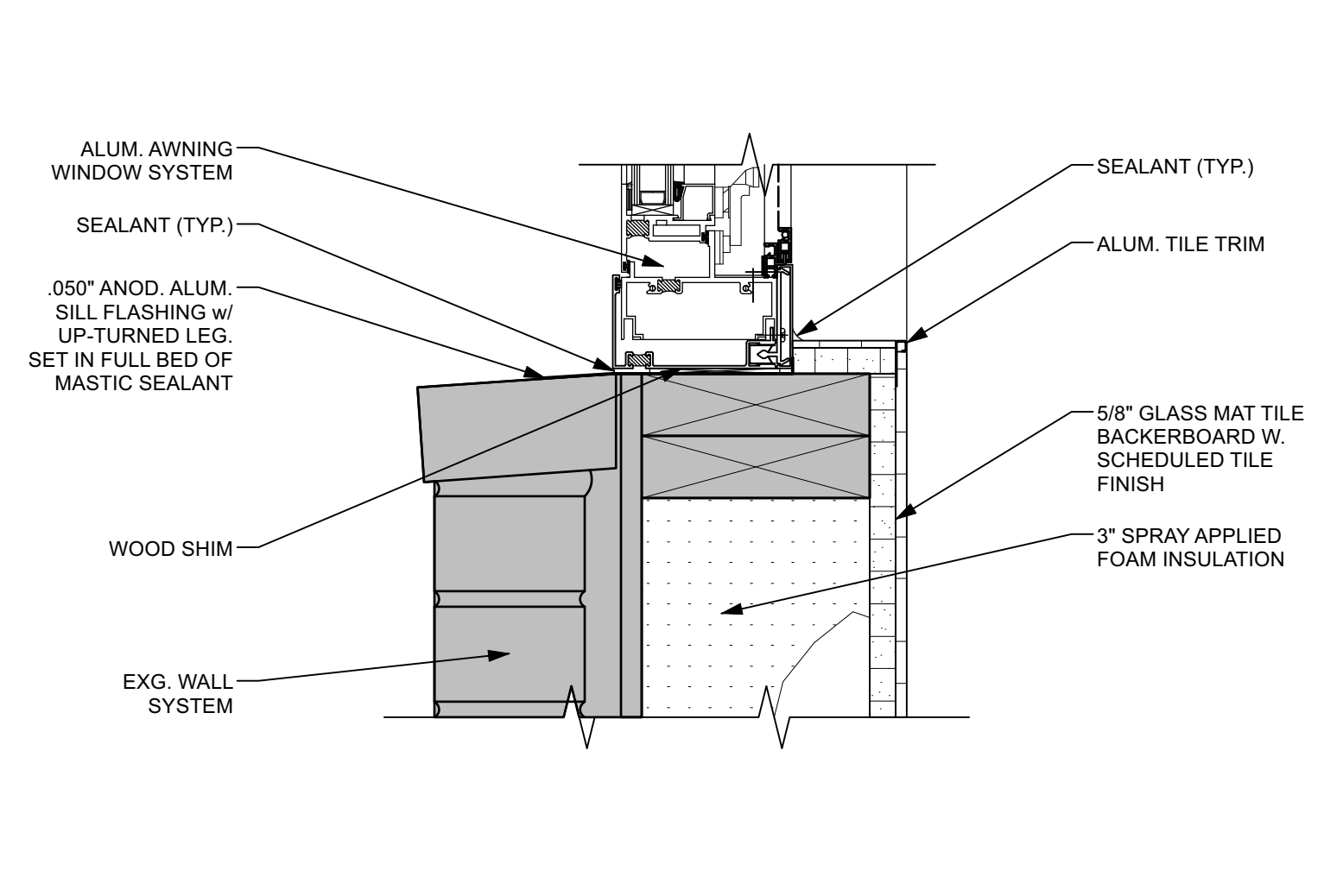
2 ALUM. FIXED WINDOW - JAMB DETAIL  
A18 Scale: 3" = 1'-0"



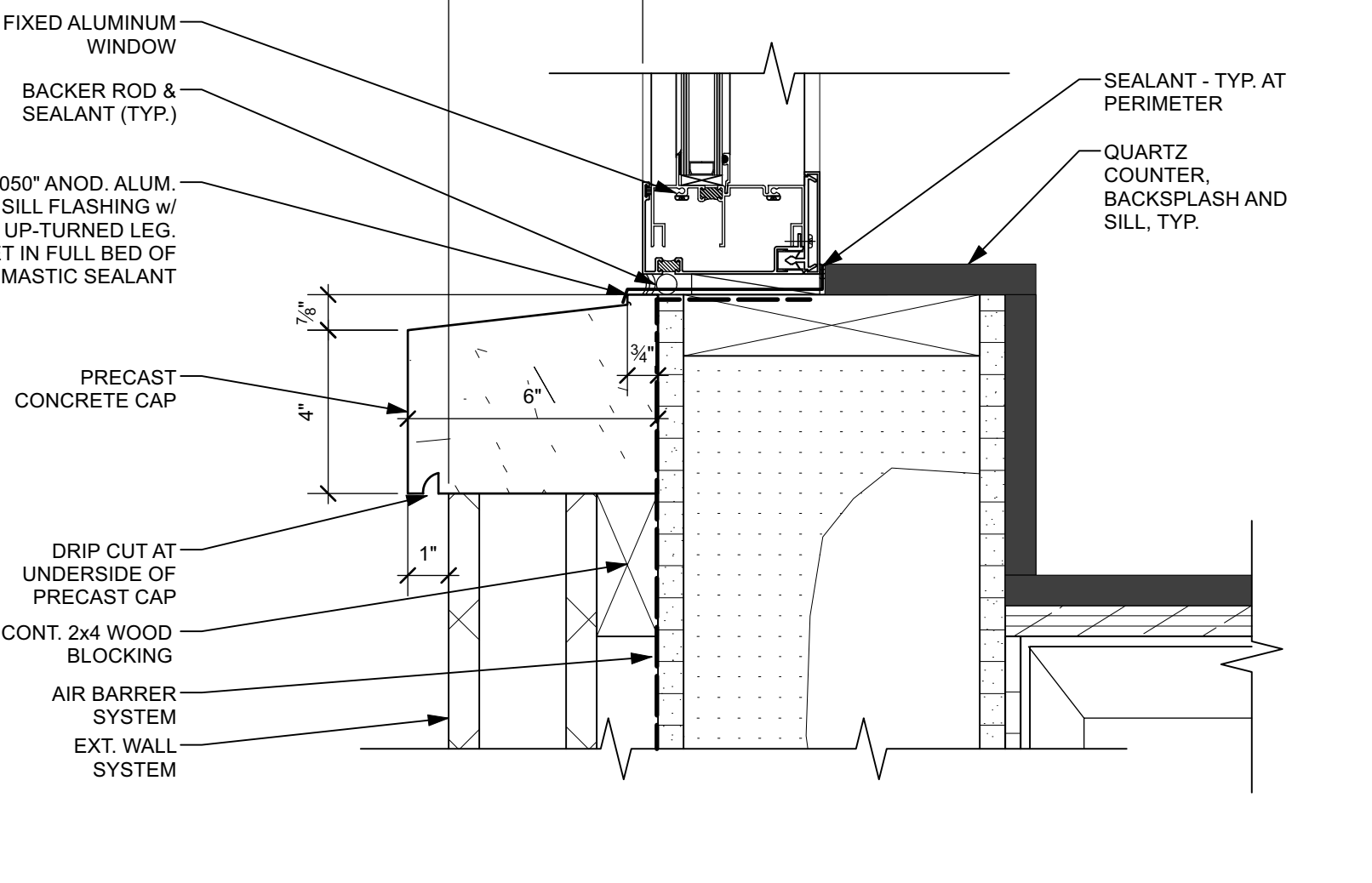
10 TRANSLUCENT PANEL - SILL DETAIL  
A18 Scale: 3" = 1'-0"



7 PAVILION WINDOW - SILL DETAIL  
A18 Scale: 3" = 1'-0"



4 ALUM. AWNING WINDOW - SILL DETAIL  
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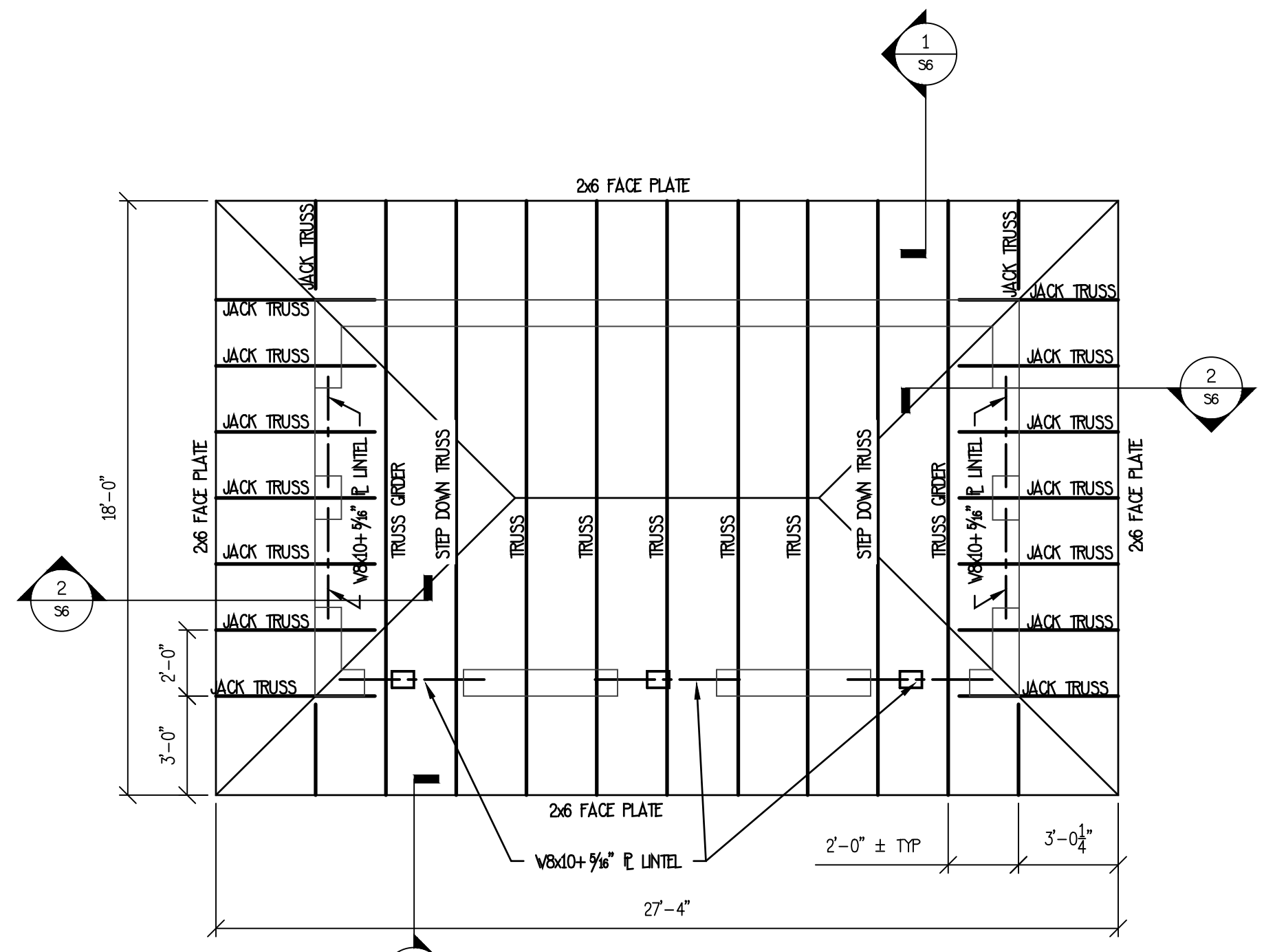


1 ALUM. FIXED WINDOW - SILL DETAIL  
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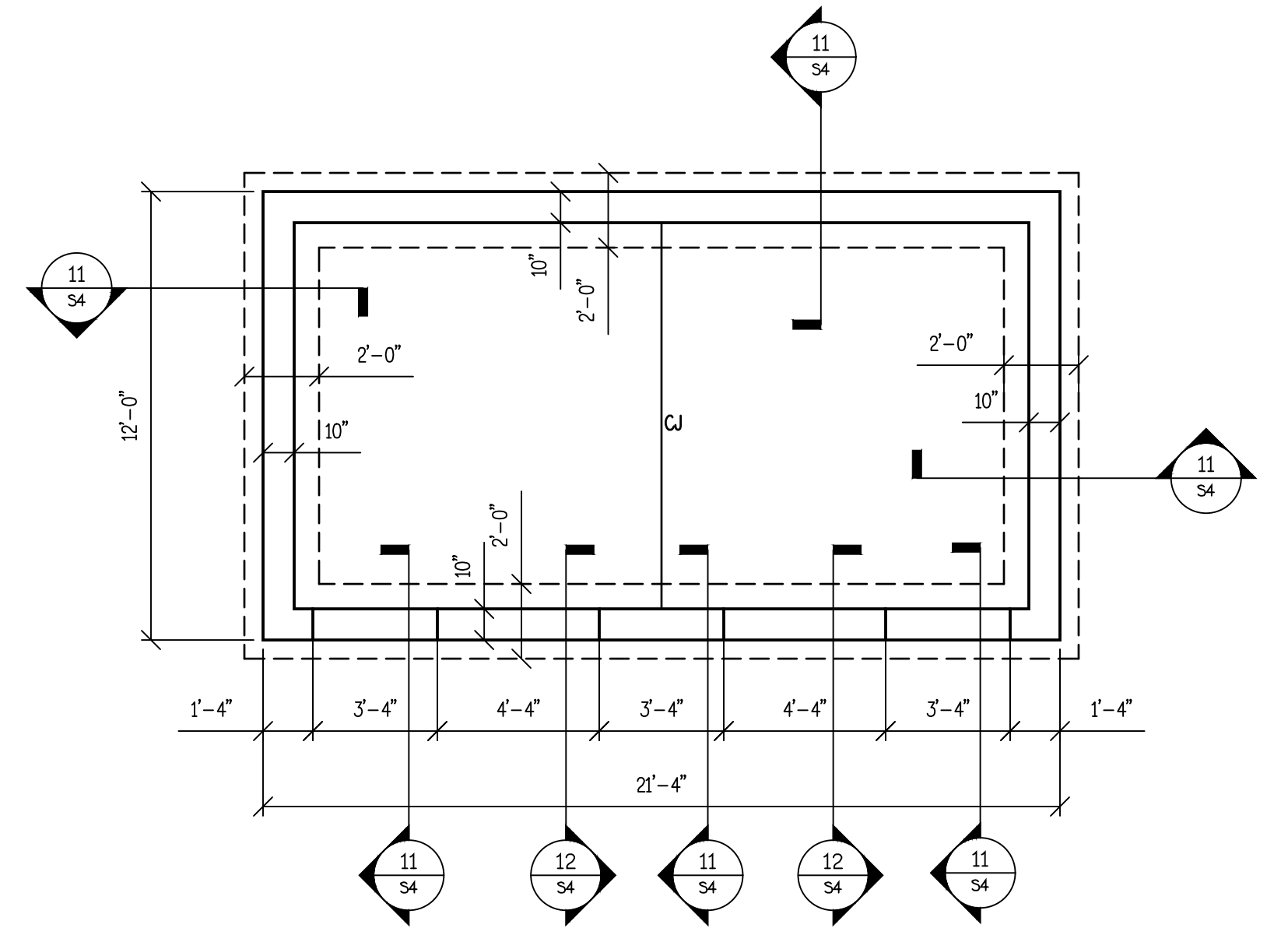


Sheet

**Willis V. Carrier Recreation Center - Phase 3**  
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057



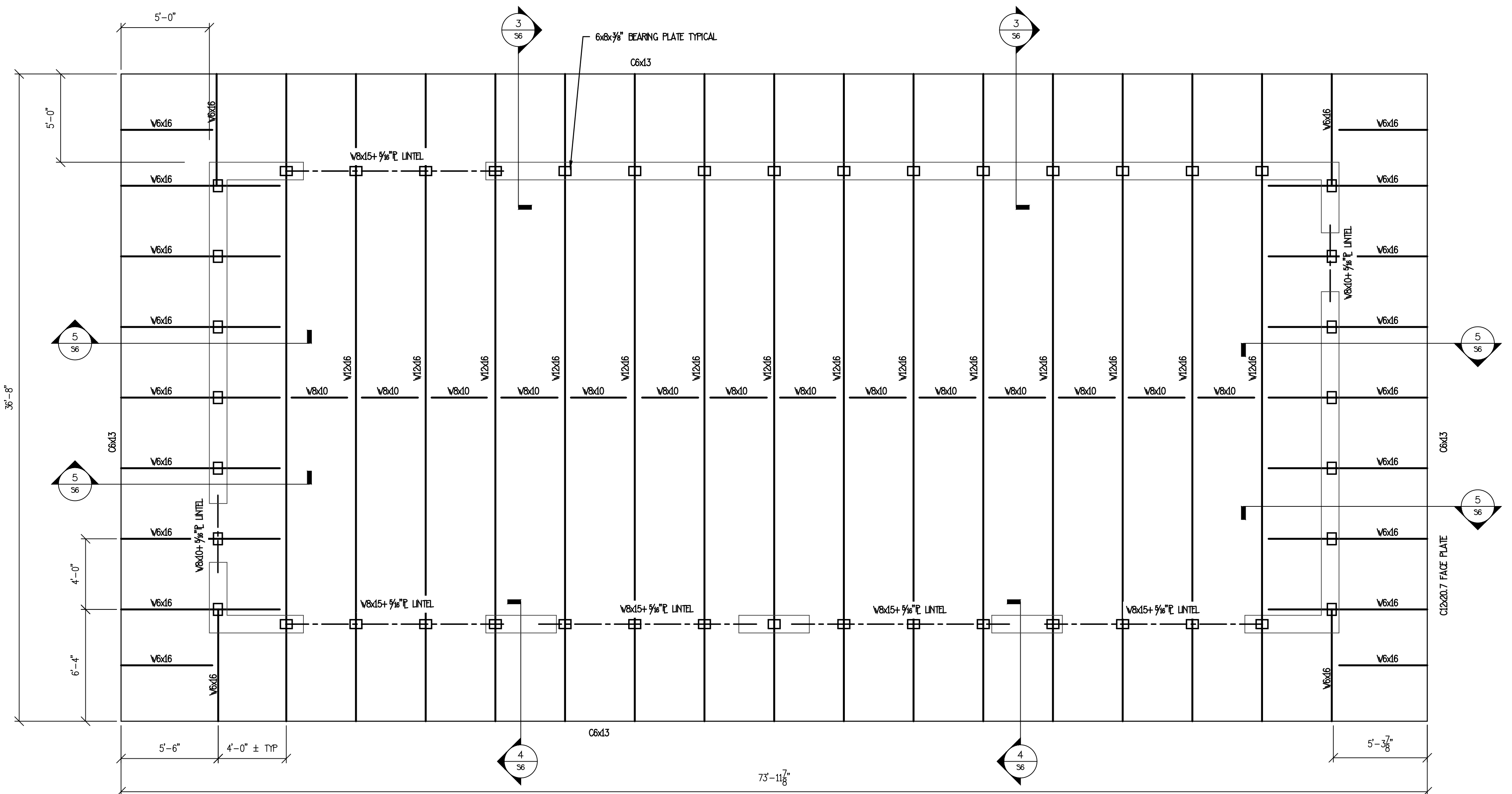
1 TOILET ROOM FRAMING PLAN  
1/4" = 1'-0"



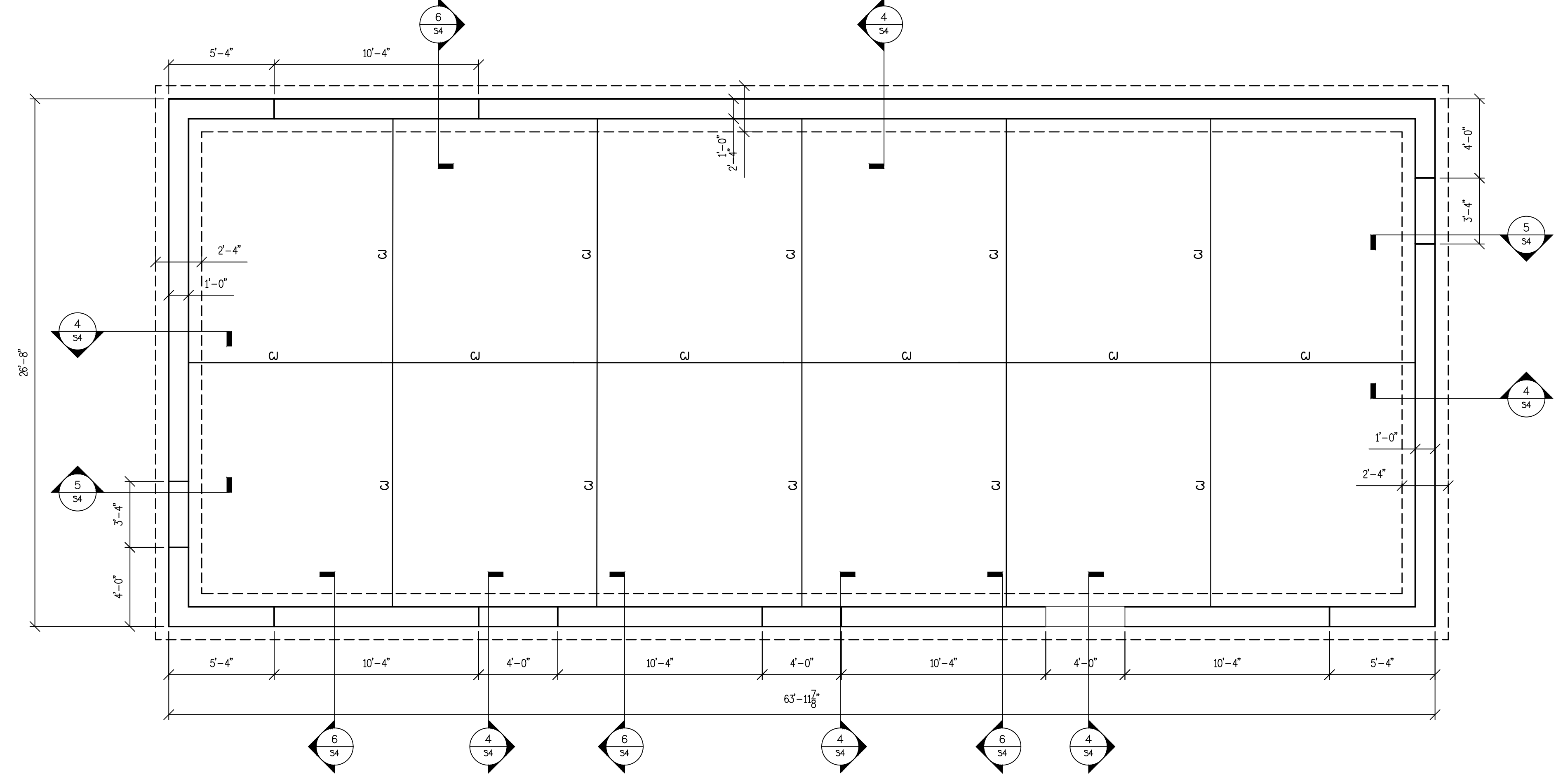
2 TOILET ROOM FOUNDATION PLAN  
1/4" = 1'-0"

**PLAN NOTES**

- ALL ELEVATIONS ARE REFERENCED (+) OR (-) FROM TOP OF SLAB ON GRADE, ESTABLISHED AS DATUM ELEVATION 0'-0" AND FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO VERIFY ACTUAL FLOOR ELEVATION WITH SITE DRAWING SET.
- T.O. FOOTINGS=MIN (-) 3'-0" BELOW ADJACENT FINAL GRADE FOR FROST PROTECTION. (UNLESS NOTED OTHERWISE ON PLAN) ADJUST T.O. FOOTING ELEVATION ACCORDINGLY WITH SITE GRADING. SEE STEP FOOTING DETAIL.
- T.O. CONCRETE SLAB ON GRADE ELEV=0'-0" PROVIDE 4" CONCRETE S.O.G. REINFORCED W/ 6#x2.9x2.9 W/M SLABS TO BEAR ON 8" MIN COMPACTED RUN OF CRUSH LESTONE GRAVEL OVER ENTIRE AREA UNLESS OTHERWISE REQUIRED BY SITE CONDITIONS. COMPACT TO 98% DRY DENSITY. PROVIDE 60ML GEOTEXTURE VAPOR BARRIER, HEAT WELD SEAMS AND PENETRATIONS, ON COMPACTED SUBBASE UNLESS NOTED OTHERWISE ON PLAN.
- CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS V/ ARCHITECTURAL DRAWINGS. NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES IN DRAWINGS BEFORE PROCEEDING WITH WORK.
- FOR GENERAL NOTES SEE DRAWING S7.



3 GARAGE ROOF FRAMING PLAN  
1/4" = 1'-0"



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

**PLAN NOTES**

- ALL ELEVATIONS ARE REFERENCED (+) OR (-) FROM TOP OF SLAB ON GRADE, ESTABLISHED AS DATUM ELEVATION 0'-0" AND FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO VERIFY ACTUAL FLOOR ELEVATION WITH SITE DRAWING SET.
- T.O. FOOTINGS=MIN (-) 3'-0" BELOW ADJACENT FINAL GRADE FOR FROST PROTECTION. (UNLESS NOTED OTHERWISE ON PLAN) ADJUST T.O. FOOTING ELEVATION ACCORDINGLY WITH SITE GRADING. SEE STEP FOOTING DETAIL.
- T.O. CONCRETE SLAB ON GRADE ELEV=0'-0" PROVIDE 4" CONCRETE S.O.G. REINFORCED W/ 6#x2.9x2.9 W/M SLABS TO BEAR ON 8" MIN COMPACTED RUN OF CRUSH LESTONE GRAVEL OVER ENTIRE AREA UNLESS OTHERWISE REQUIRED BY SITE CONDITIONS. COMPACT TO 98% DRY DENSITY. PROVIDE 60ML GEOTEXTURE VAPOR BARRIER, HEAT WELD SEAMS AND PENETRATIONS, ON COMPACTED SUBBASE UNLESS NOTED OTHERWISE ON PLAN.
- CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS V/ ARCHITECTURAL DRAWINGS. NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES IN DRAWINGS BEFORE PROCEEDING WITH WORK.
- FOR GENERAL NOTES SEE DRAWING S7.

Revisions:	No.	Date	Issued For

Project Number: T.O.D.18  
Drawn By:  
Checked By:  
Scale: AS SHOWN

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Date: DECEMBER 16, 2024

Project Title: TOILET & GARAGE FOUNDATION & FRAMING PLANS

Sheet Number: S1

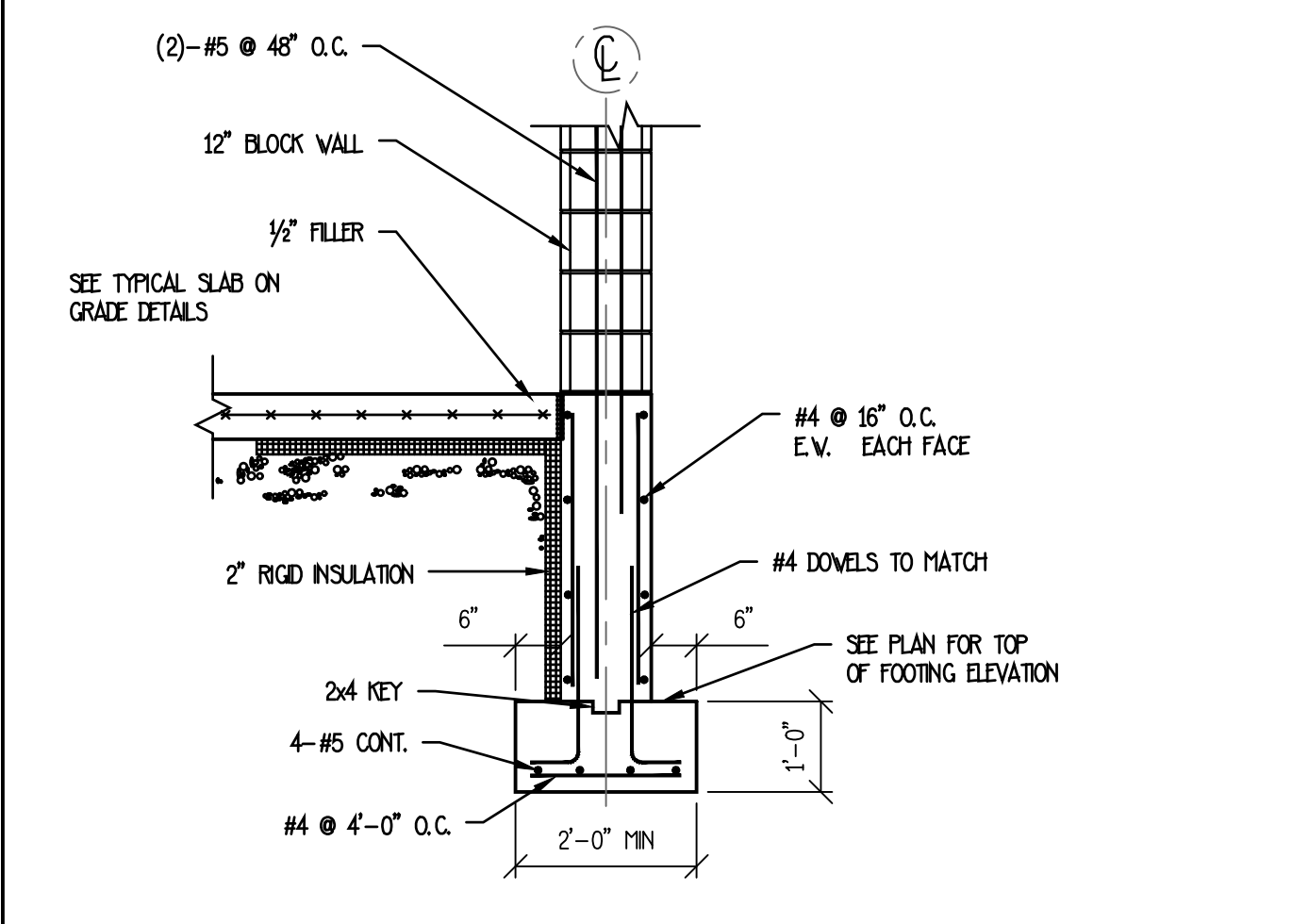




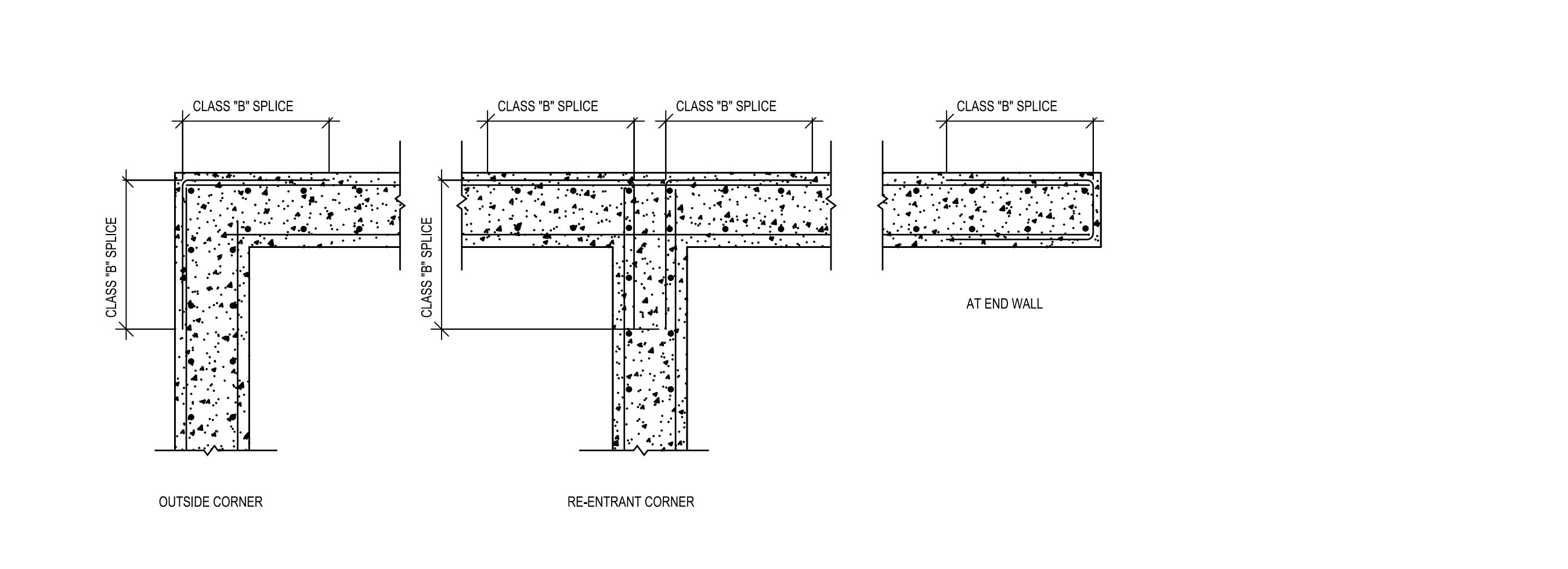


**Willis V. Carrier Recreation Center - Phase 3**  
**Town of Dewitt**  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

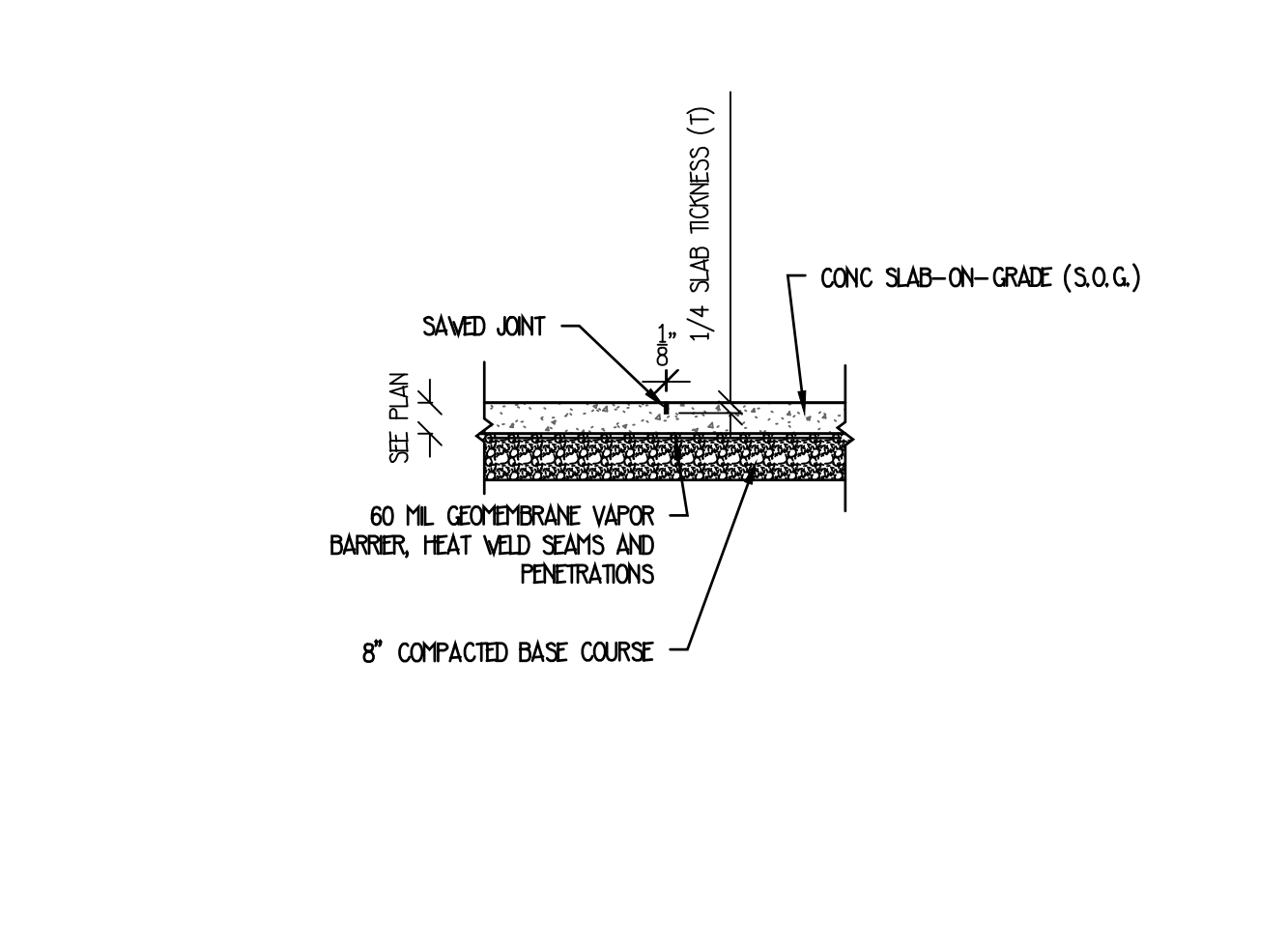
Revision:	No.	Date	Issued For:
Project Number:	T.O.D.18		
Drawn By:			
Checked By:			
Scale:	AS SHOWN		



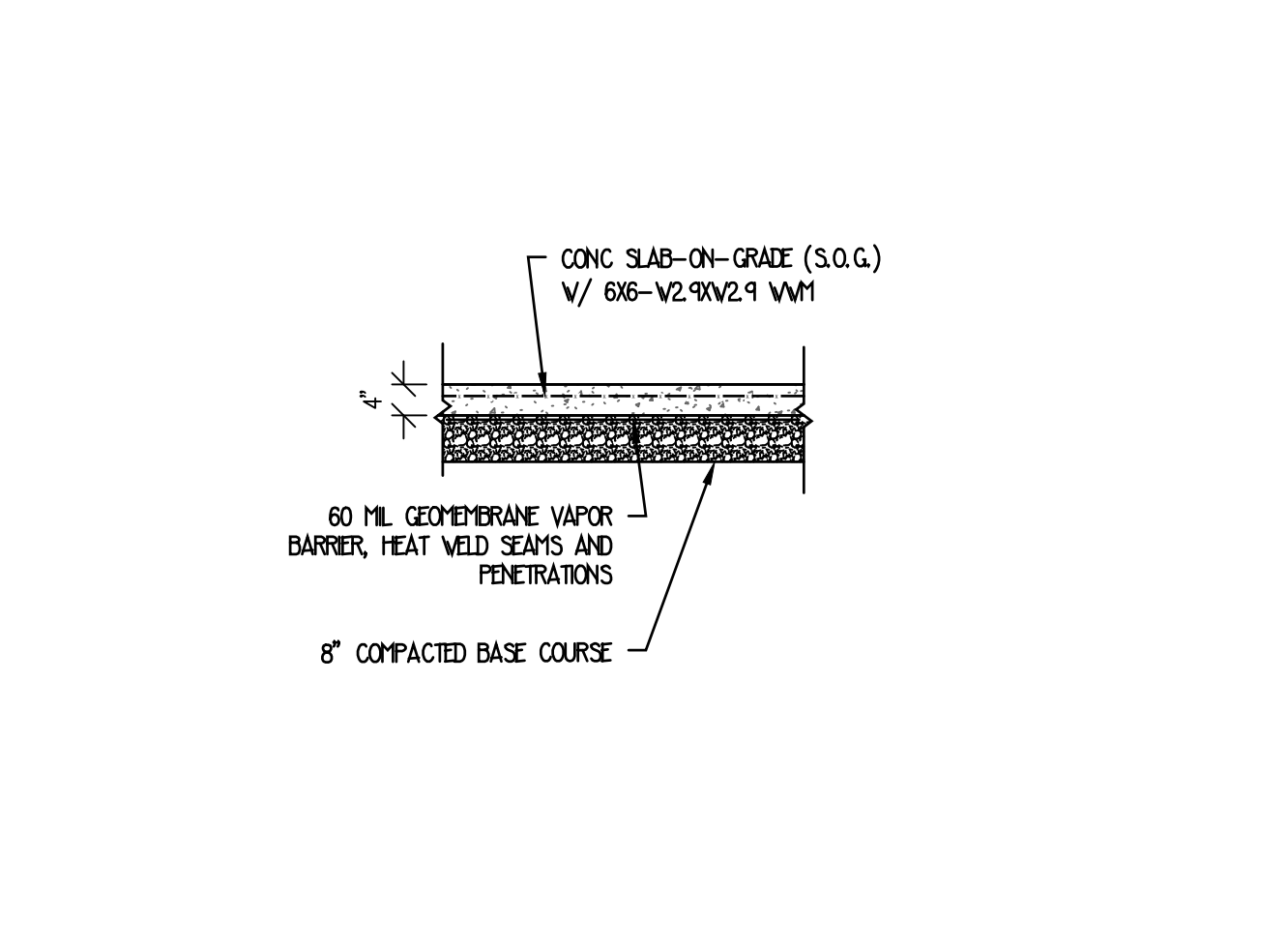
4 TYPICAL FOUNDATION DETAIL N.T.S.



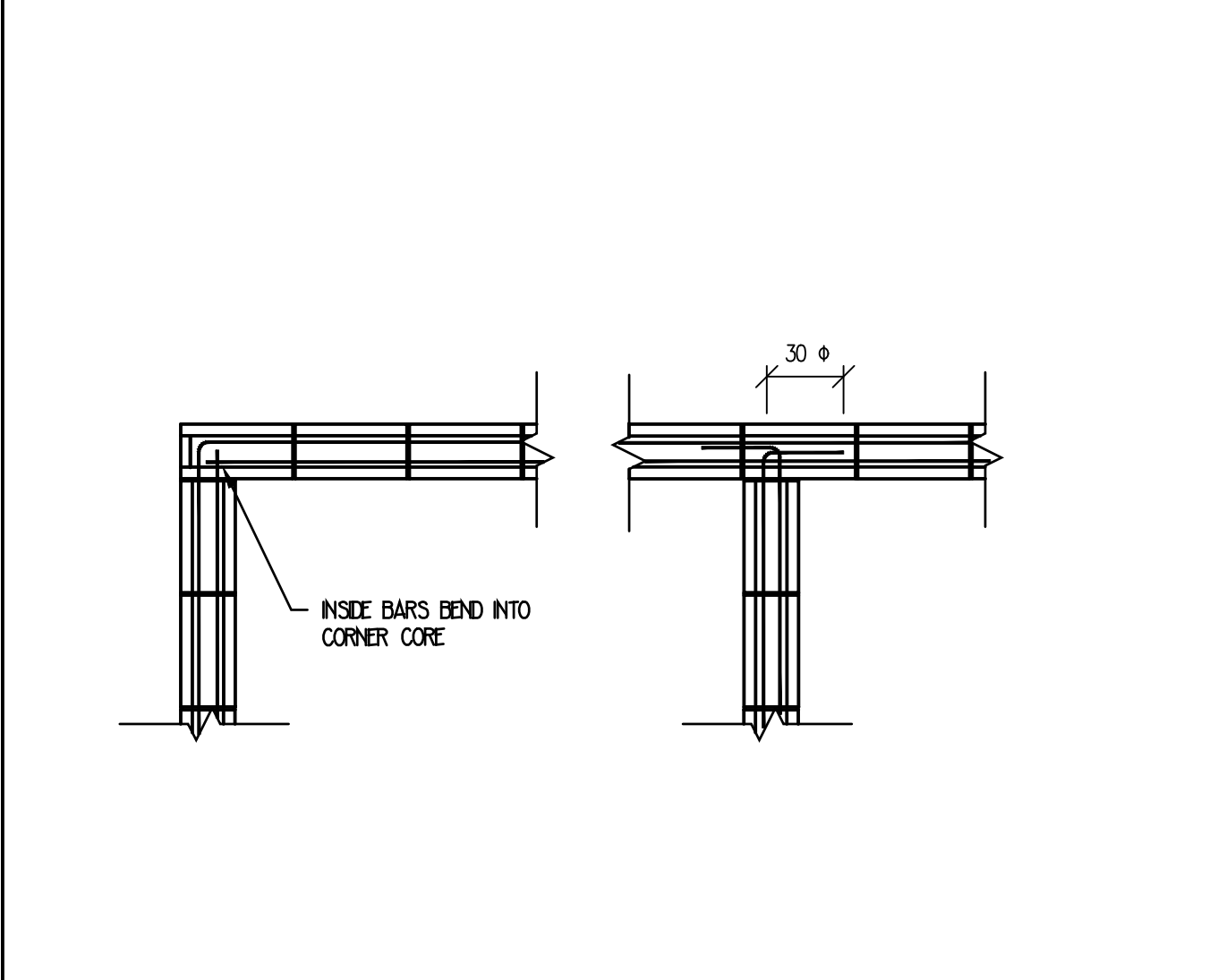
3 TYPICAL CONCRETE AVLL. INTERSECTION REINF. DETAIL N.T.S.



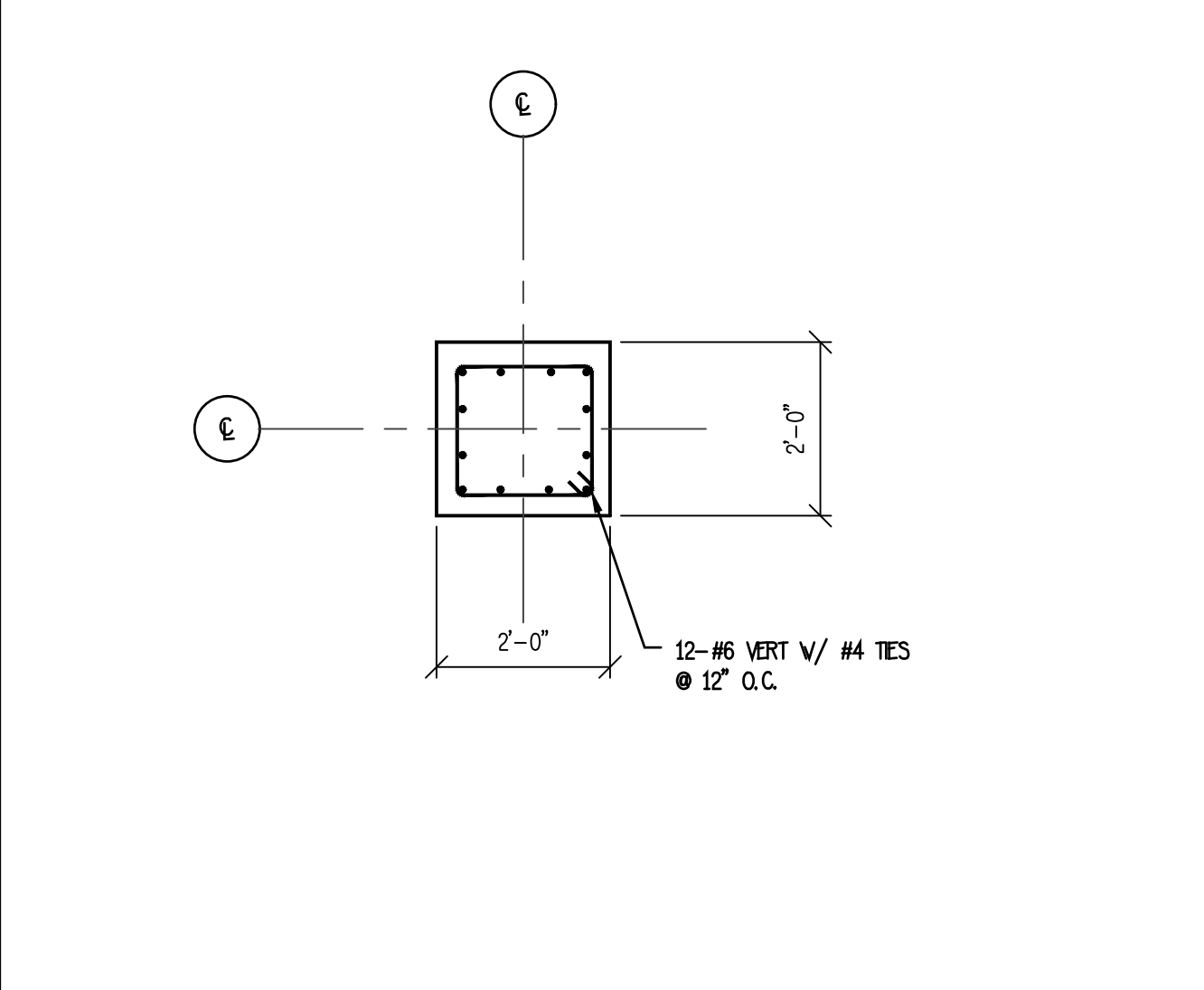
2 TYPICAL CONTROL JOINT DETAIL N.T.S.



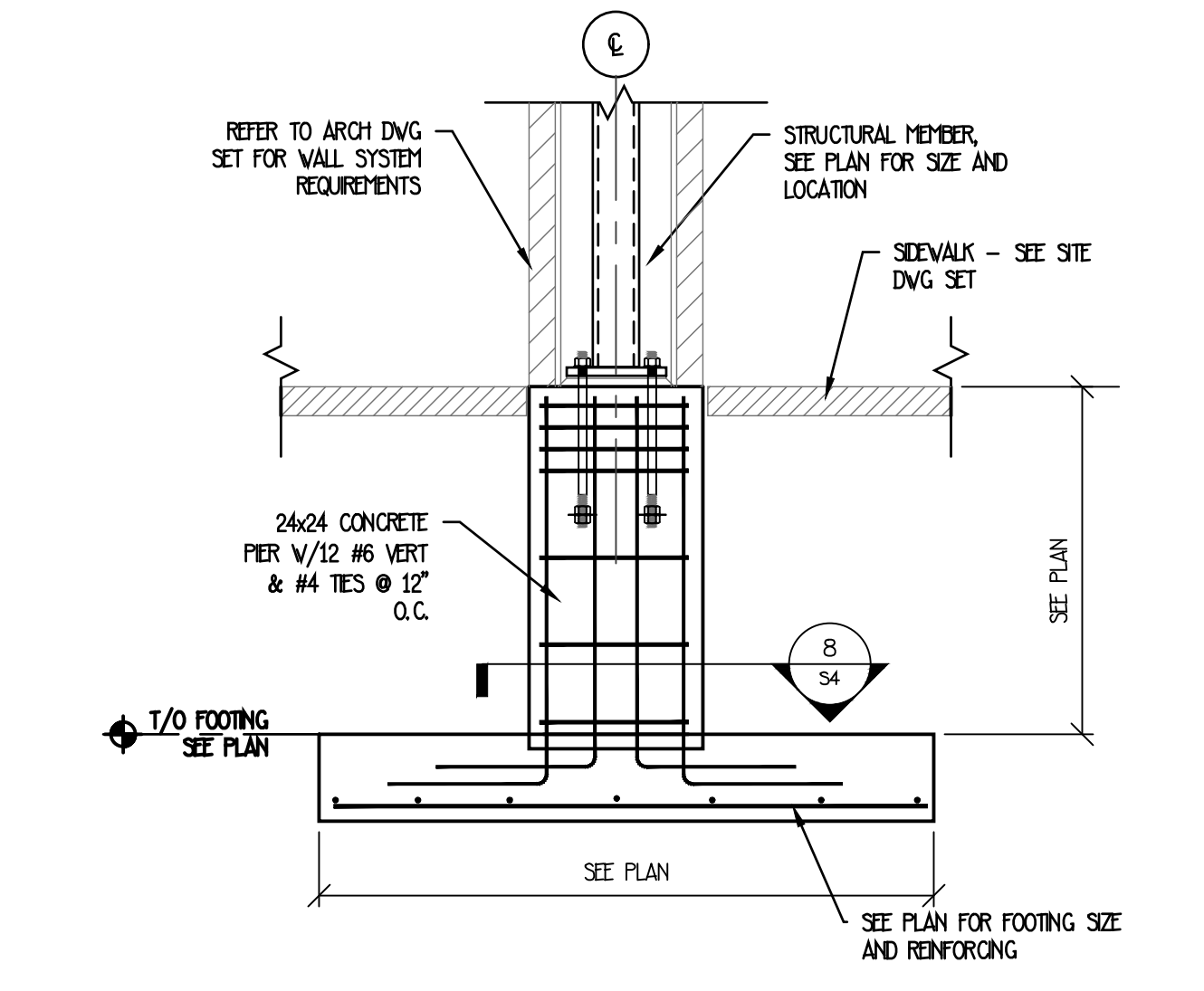
1 TYPICAL SLAB ON GRADE DETAIL N.T.S.



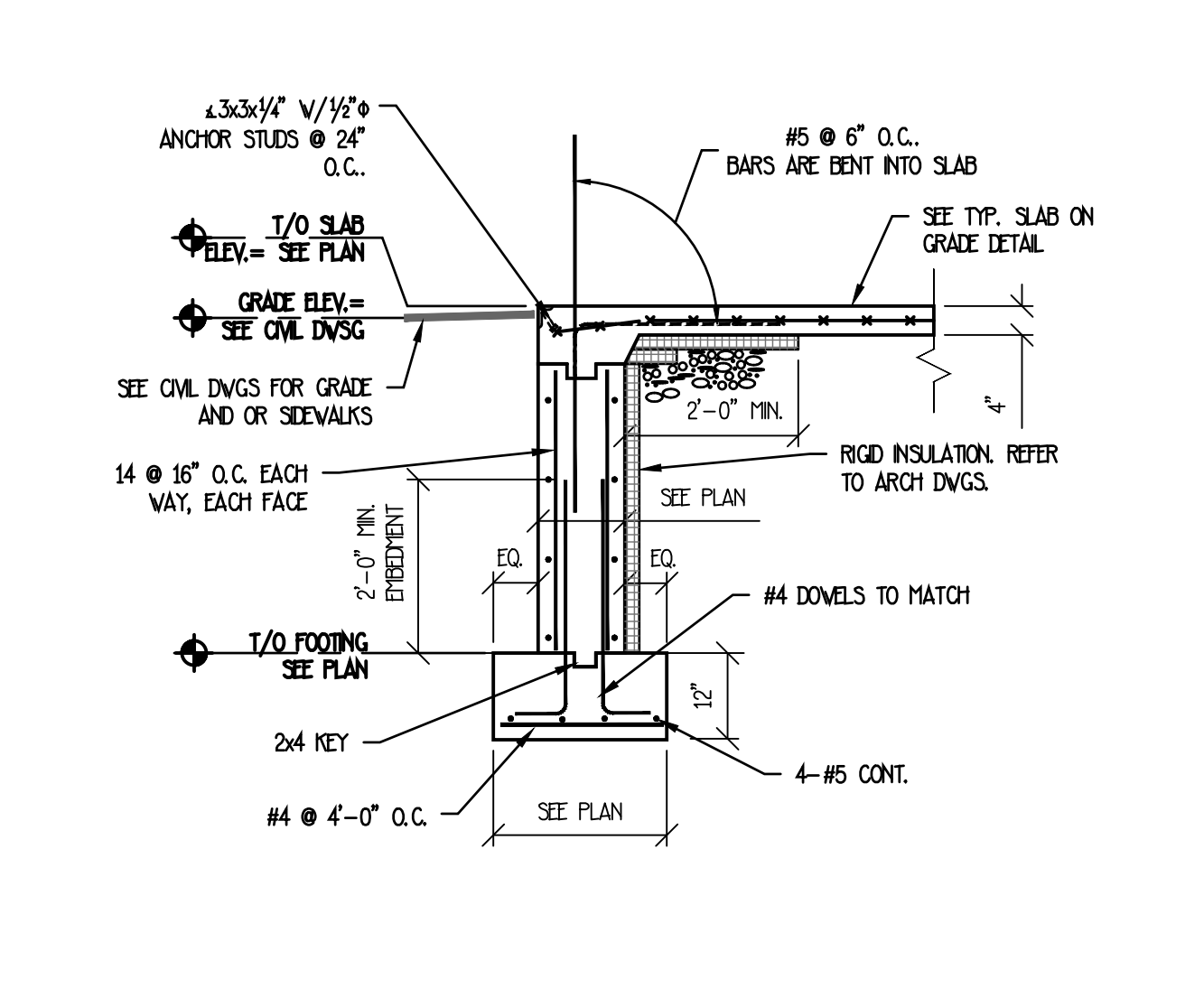
9 TYPICAL MASONRY CORNER REINFORCING DETAIL 1/2" = 1'-0"



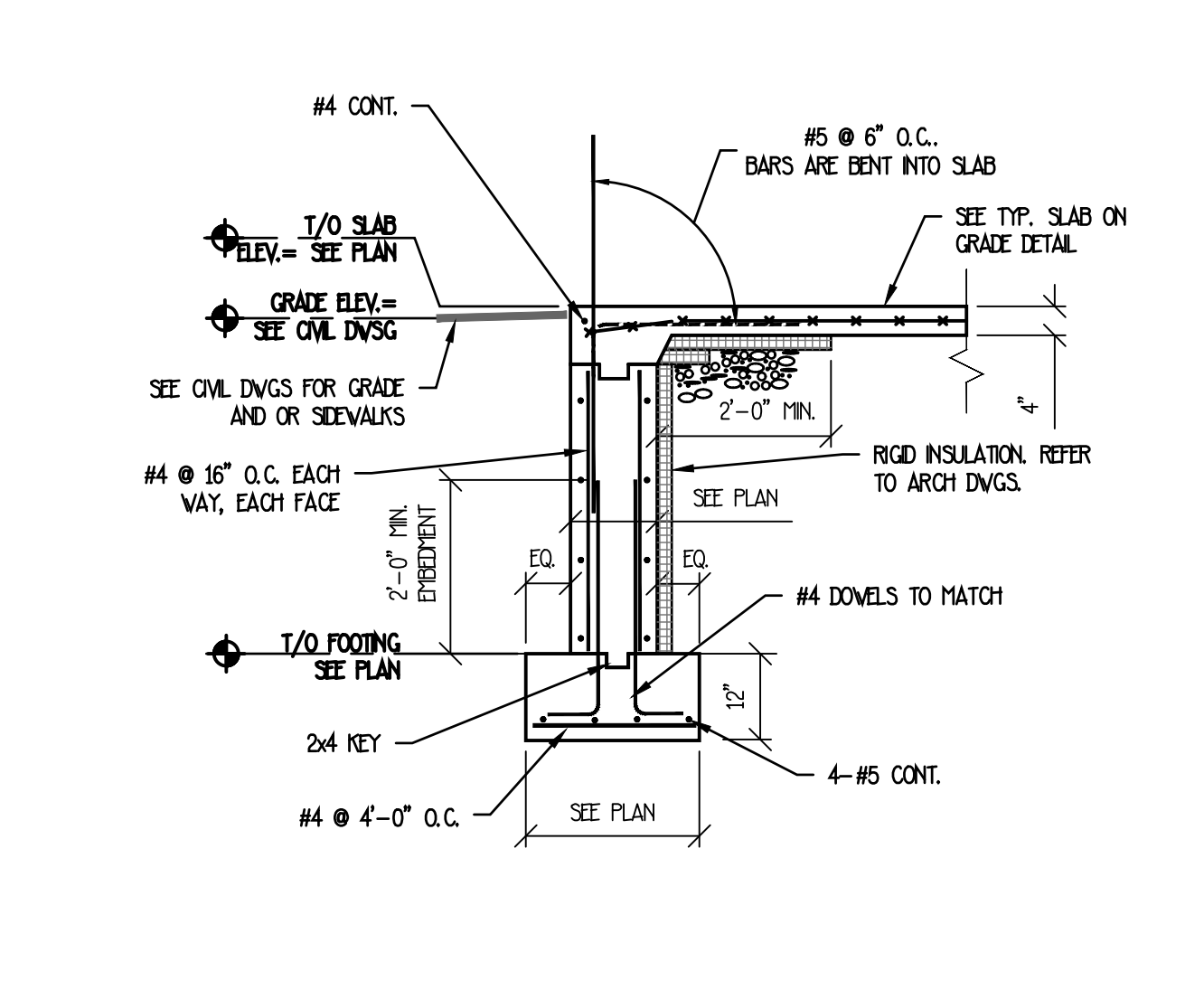
8 TYPICAL PIER DETAIL N.T.S.



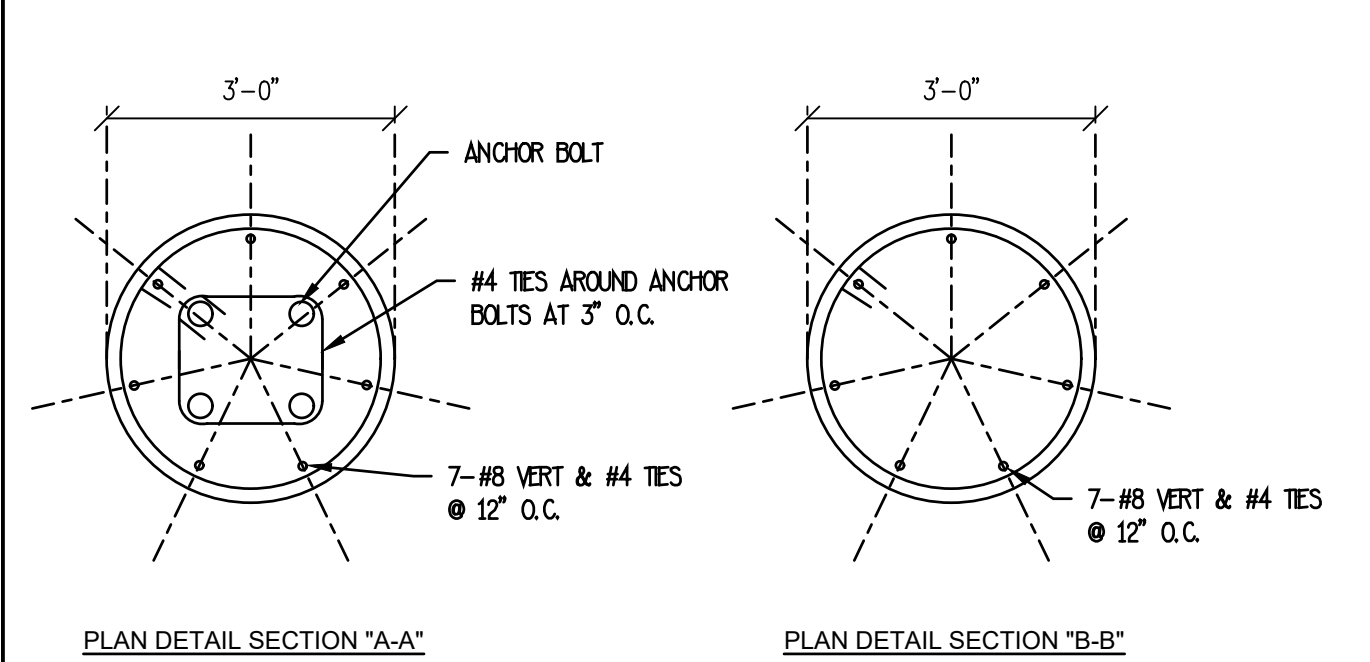
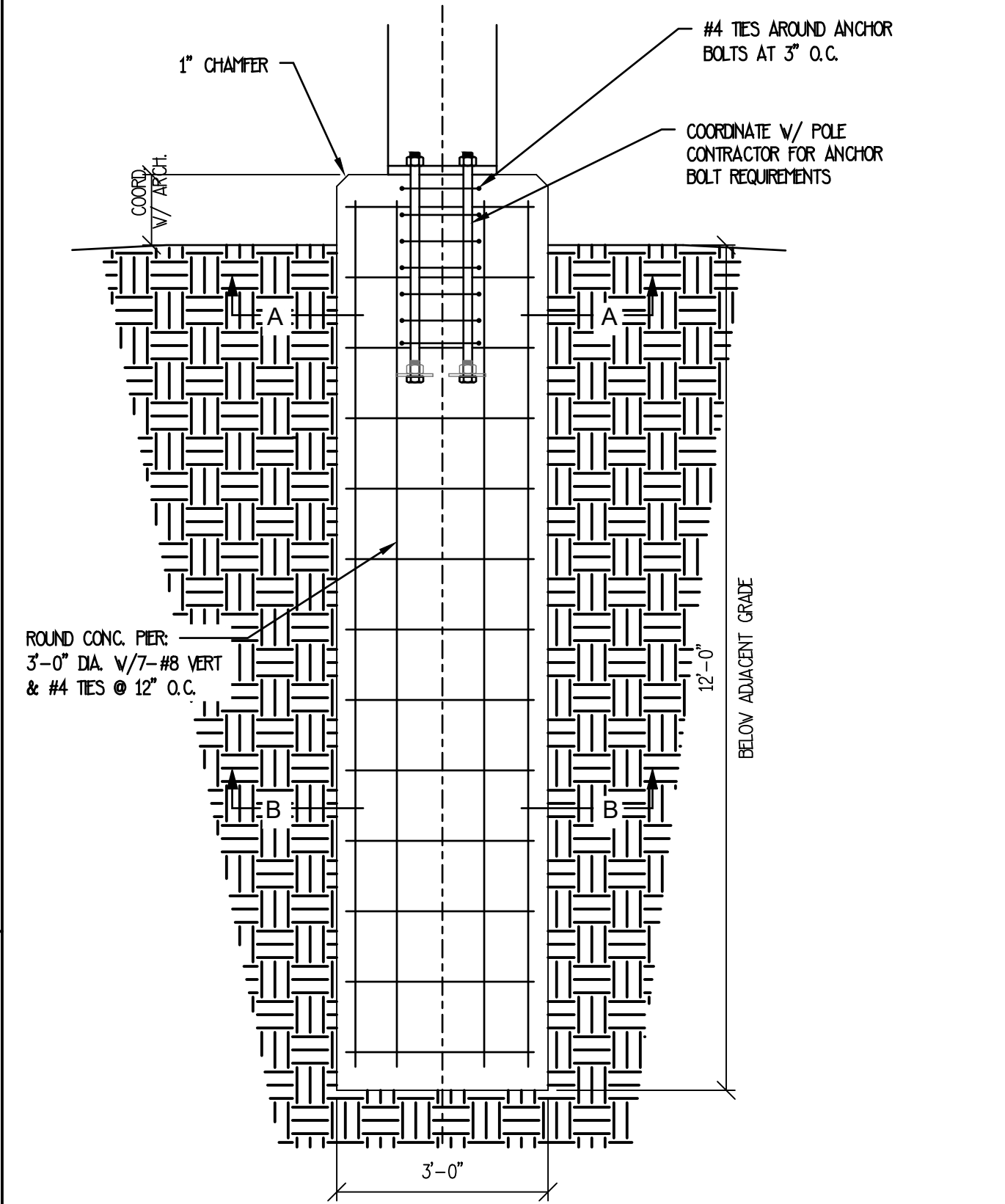
7 TYPICAL SECTION AT PIER N.T.S.



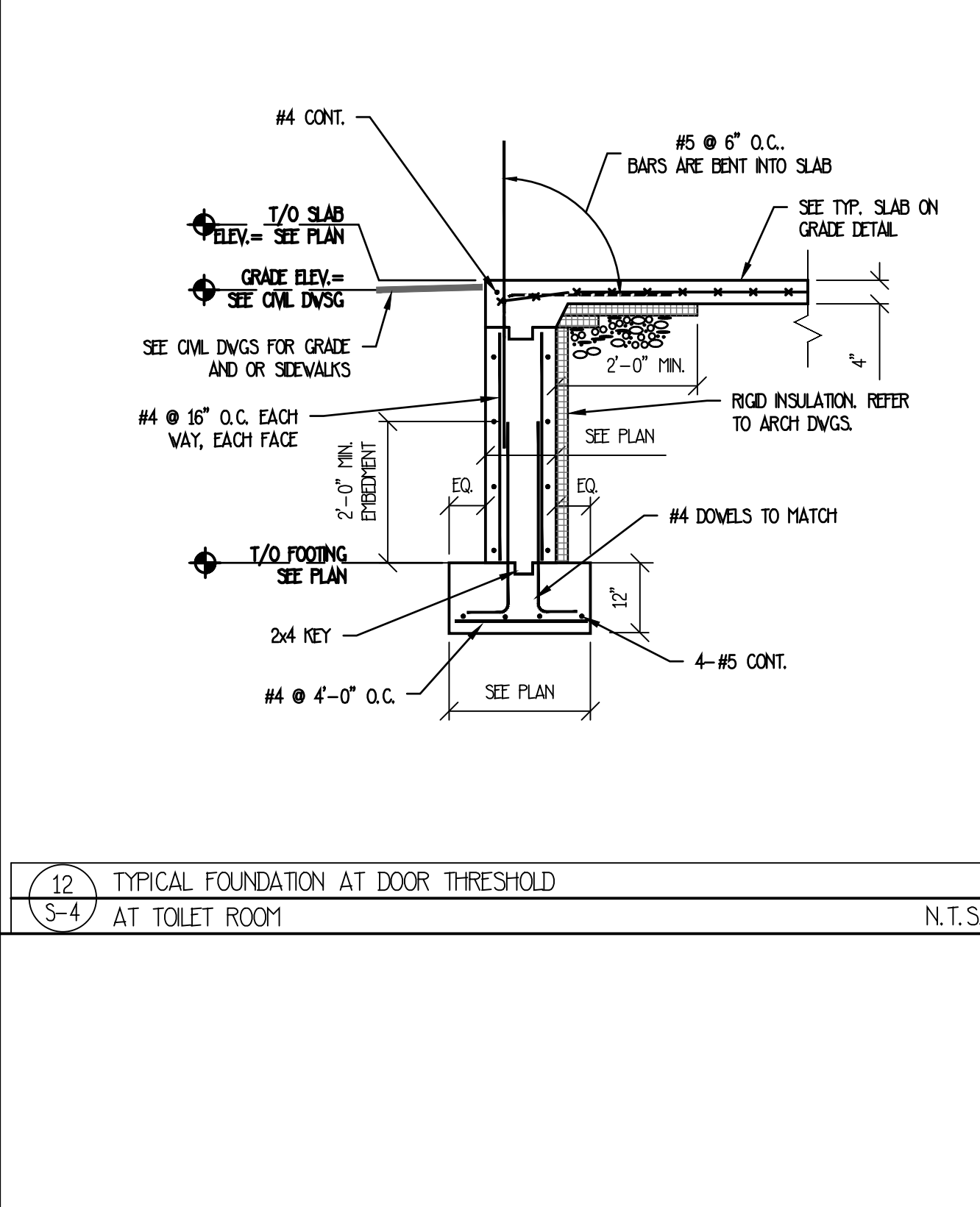
6 TYPICAL FOUNDATION AT OVERHEAD DOOR THRESHOLD N.T.S.



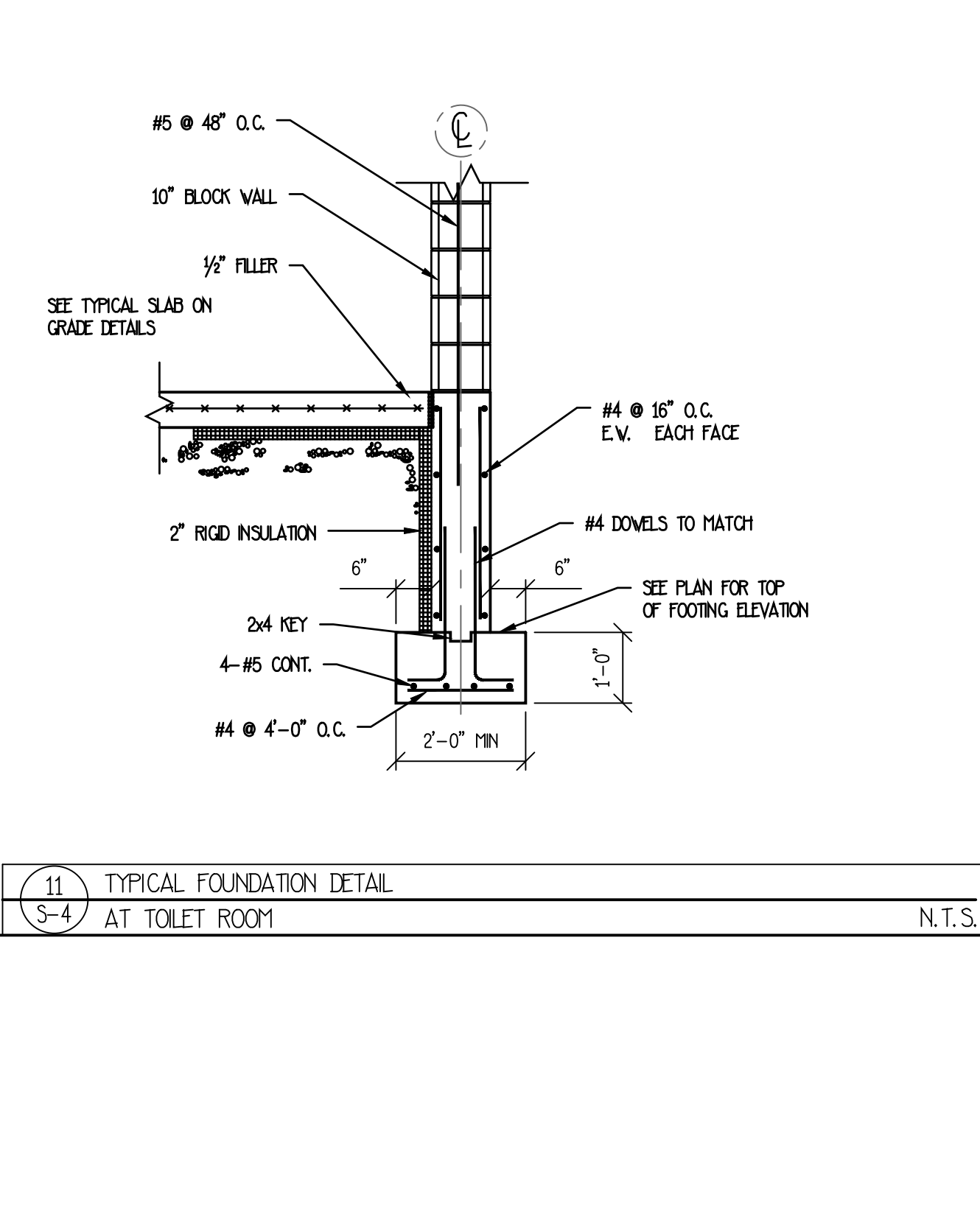
5 TYPICAL FOUNDATION AT DOOR THRESHOLD N.T.S.



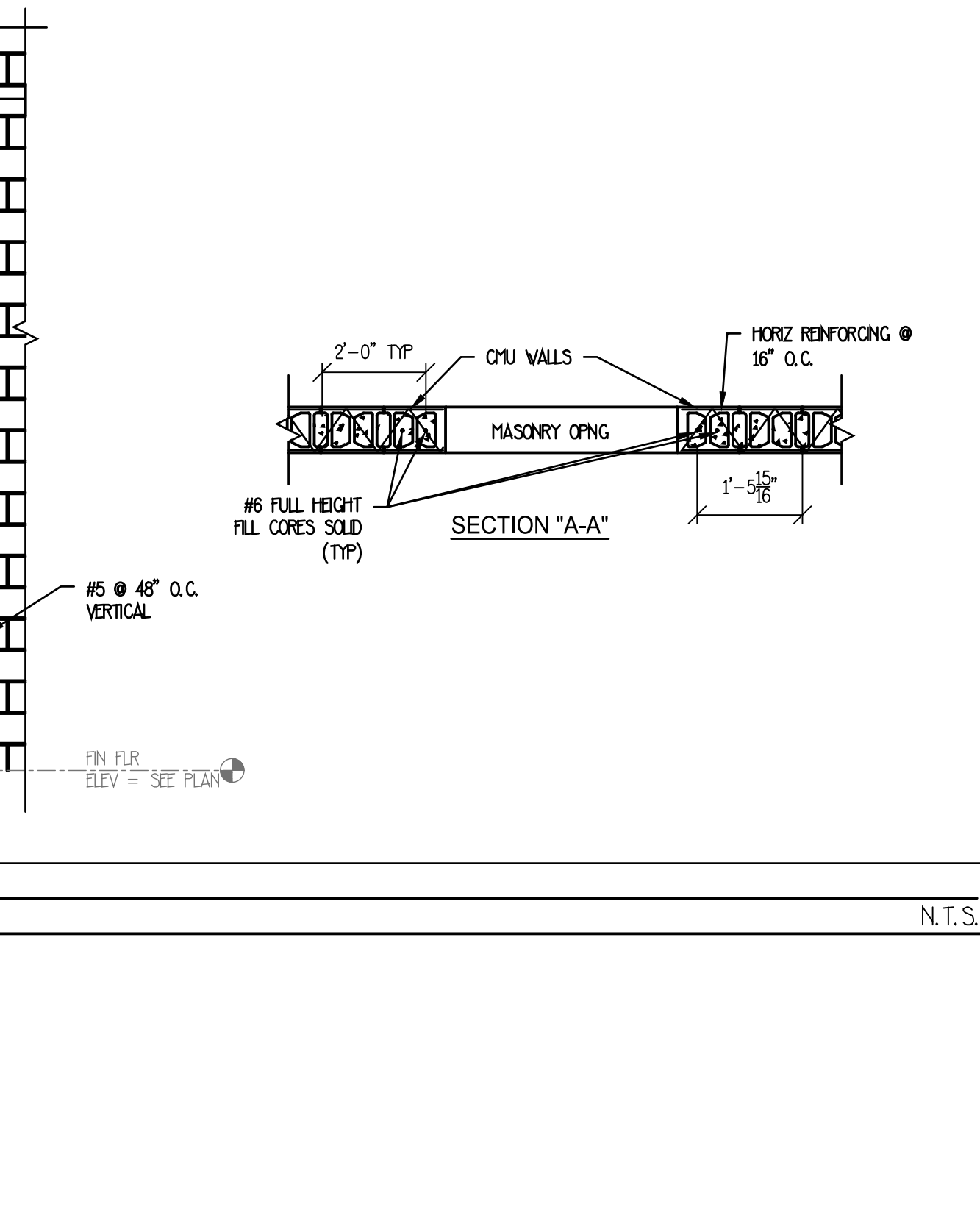
13 POLE FOUNDATION DETAIL N.T.S.



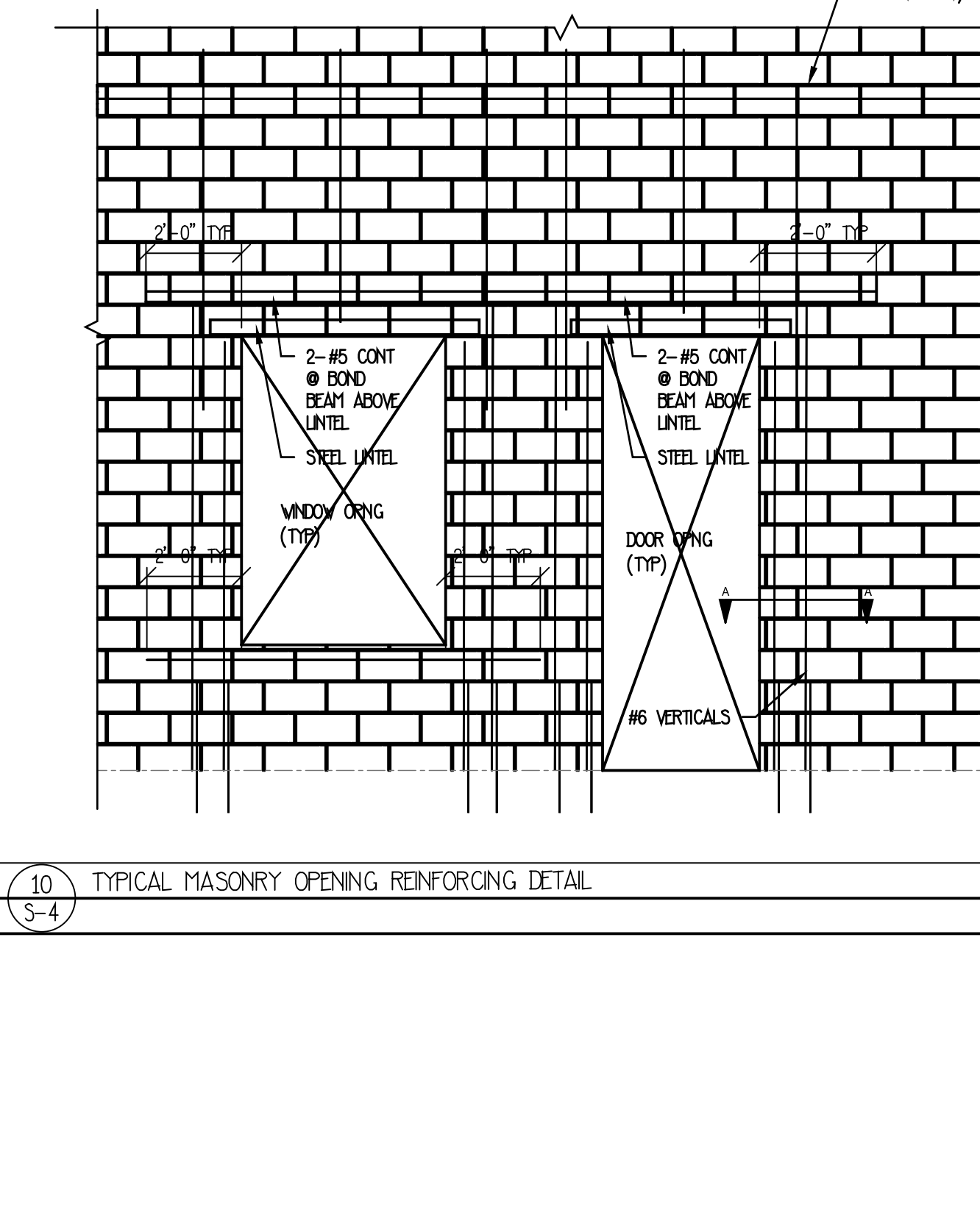
12 TYPICAL FOUNDATION AT DOOR THRESHOLD AT TOILET ROOM N.T.S.



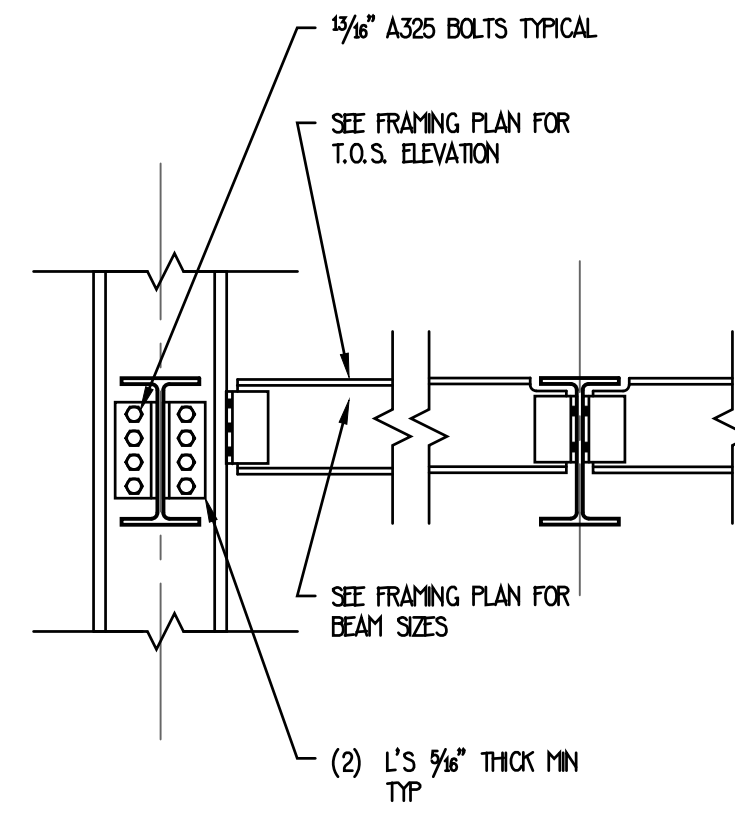
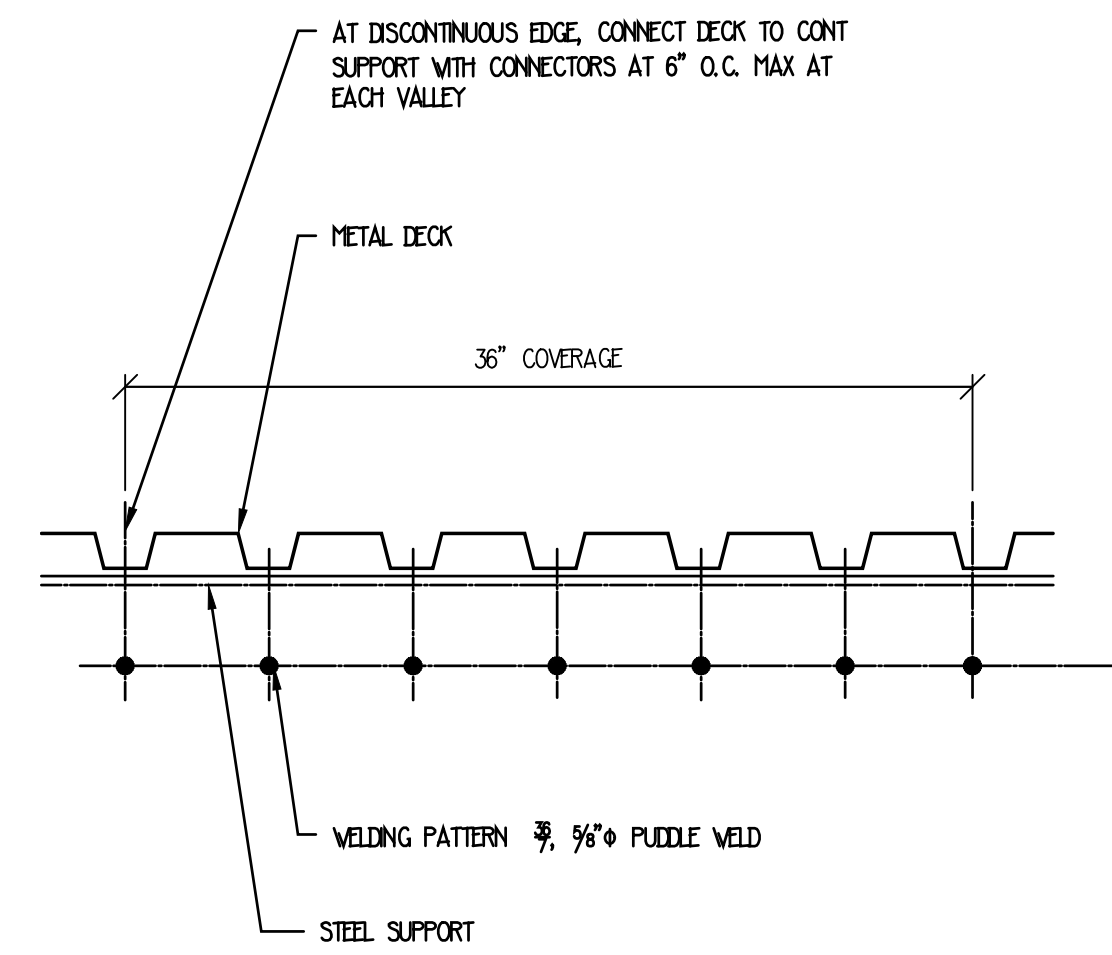
11 TYPICAL FOUNDATION DETAIL AT TOILET ROOM N.T.S.



10 TYPICAL MASONRY OPENING REINFORCING DETAIL N.T.S.

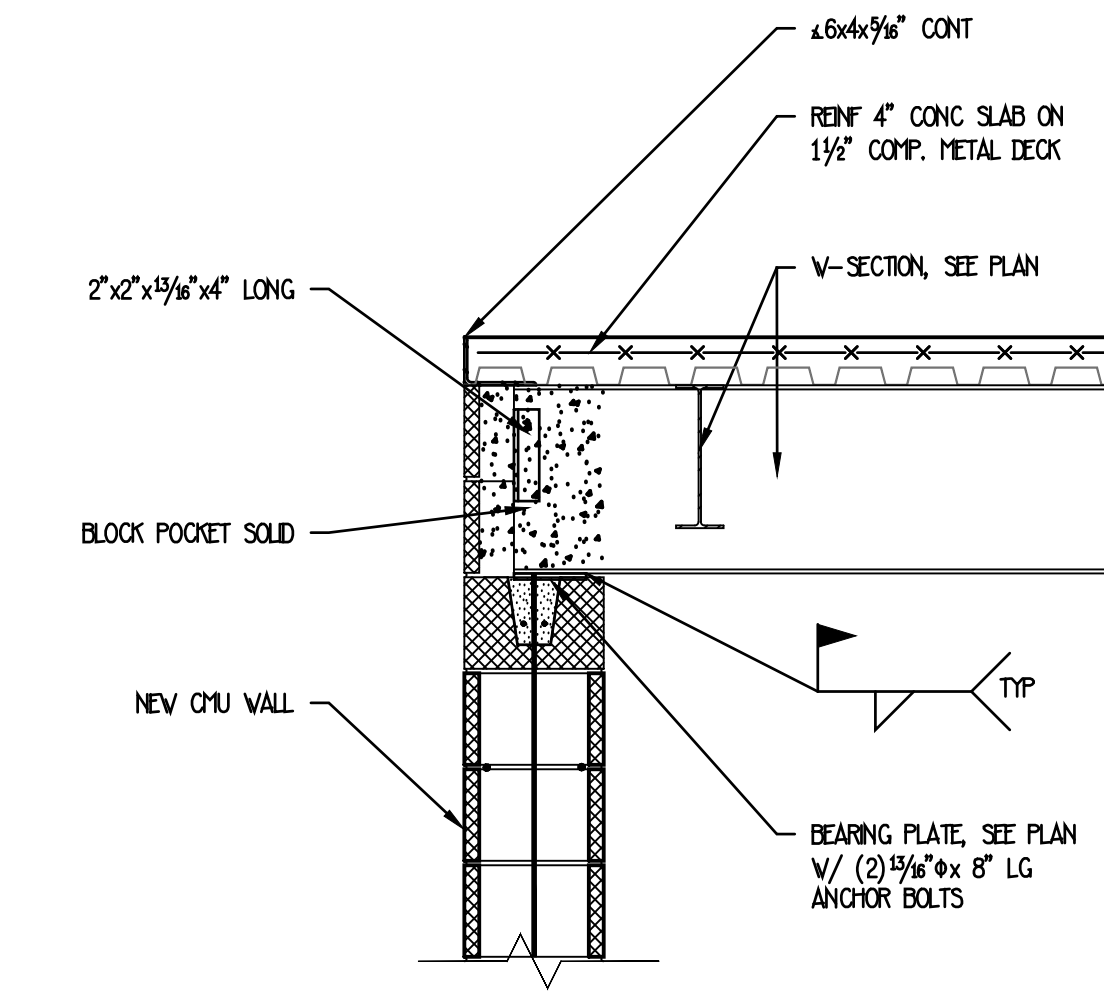


10 TYPICAL MASONRY OPENING REINFORCING DETAIL N.T.S.



BEAM SIZE	MIN # OF BOLTS
V30	8 ROWS DOUBLE SHEAR
V27	7 ROWS DOUBLE SHEAR
V24	6 ROWS DOUBLE SHEAR
V21 OR V18	5 ROWS DOUBLE SHEAR
V15 OR V14	4 ROWS DOUBLE SHEAR
V12 OR V10	3 ROWS DOUBLE SHEAR
V8 OR LESS	2 ROWS DOUBLE SHEAR

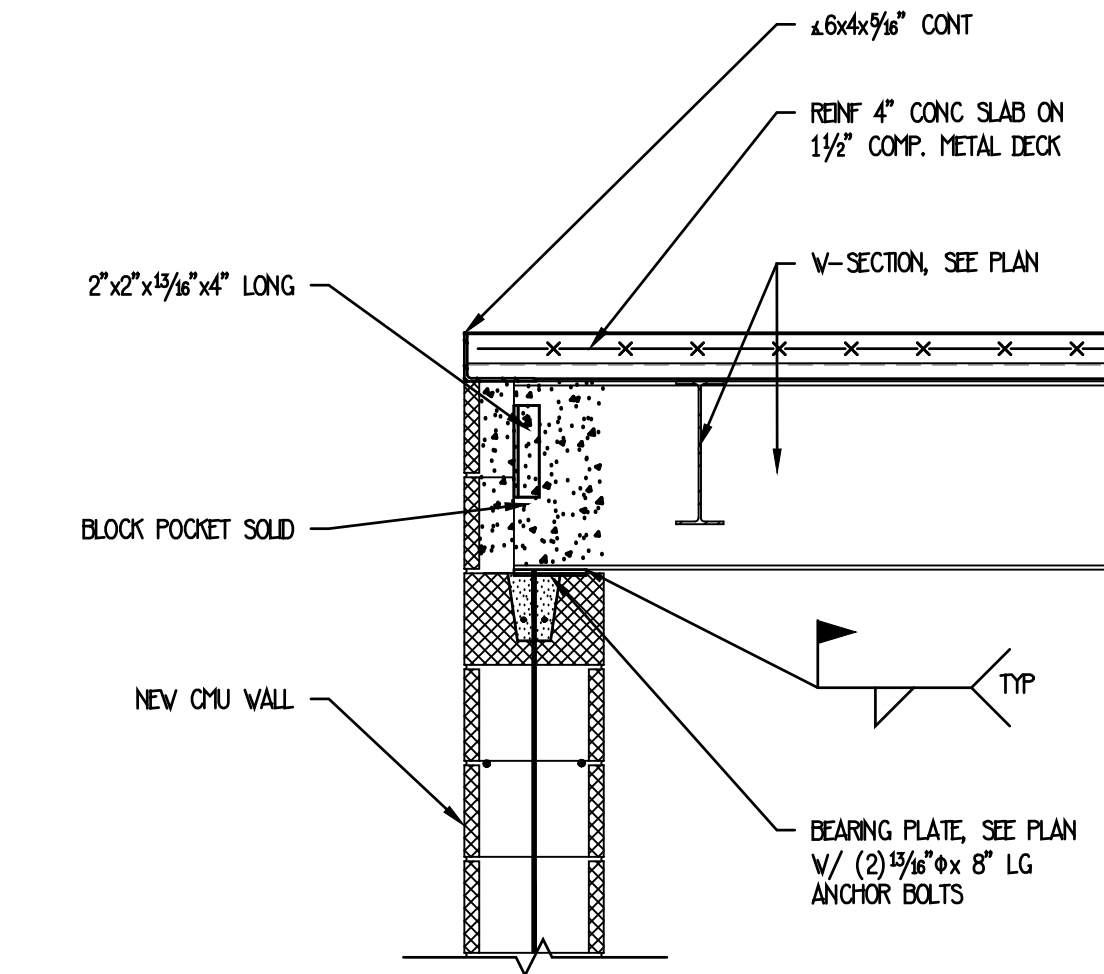
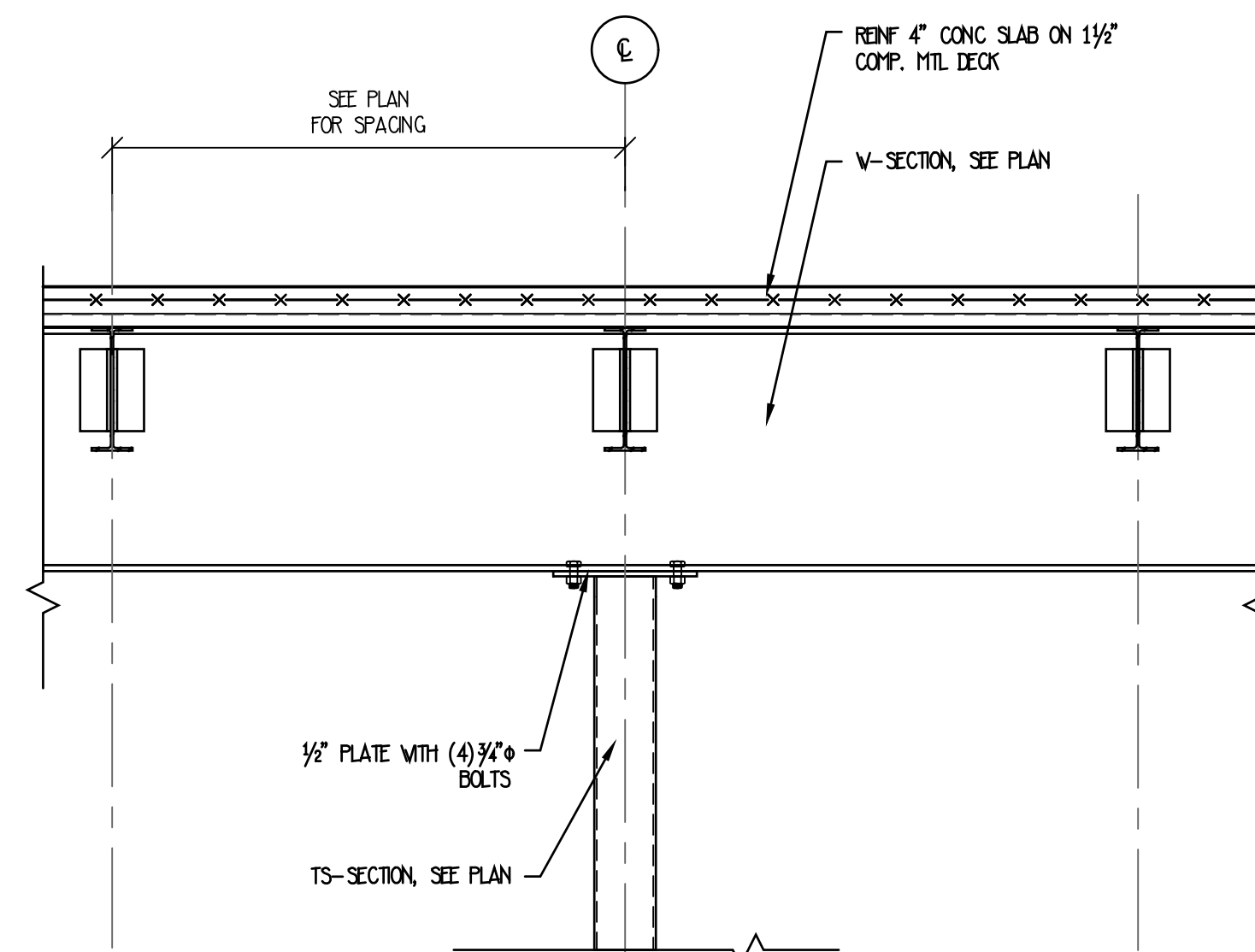
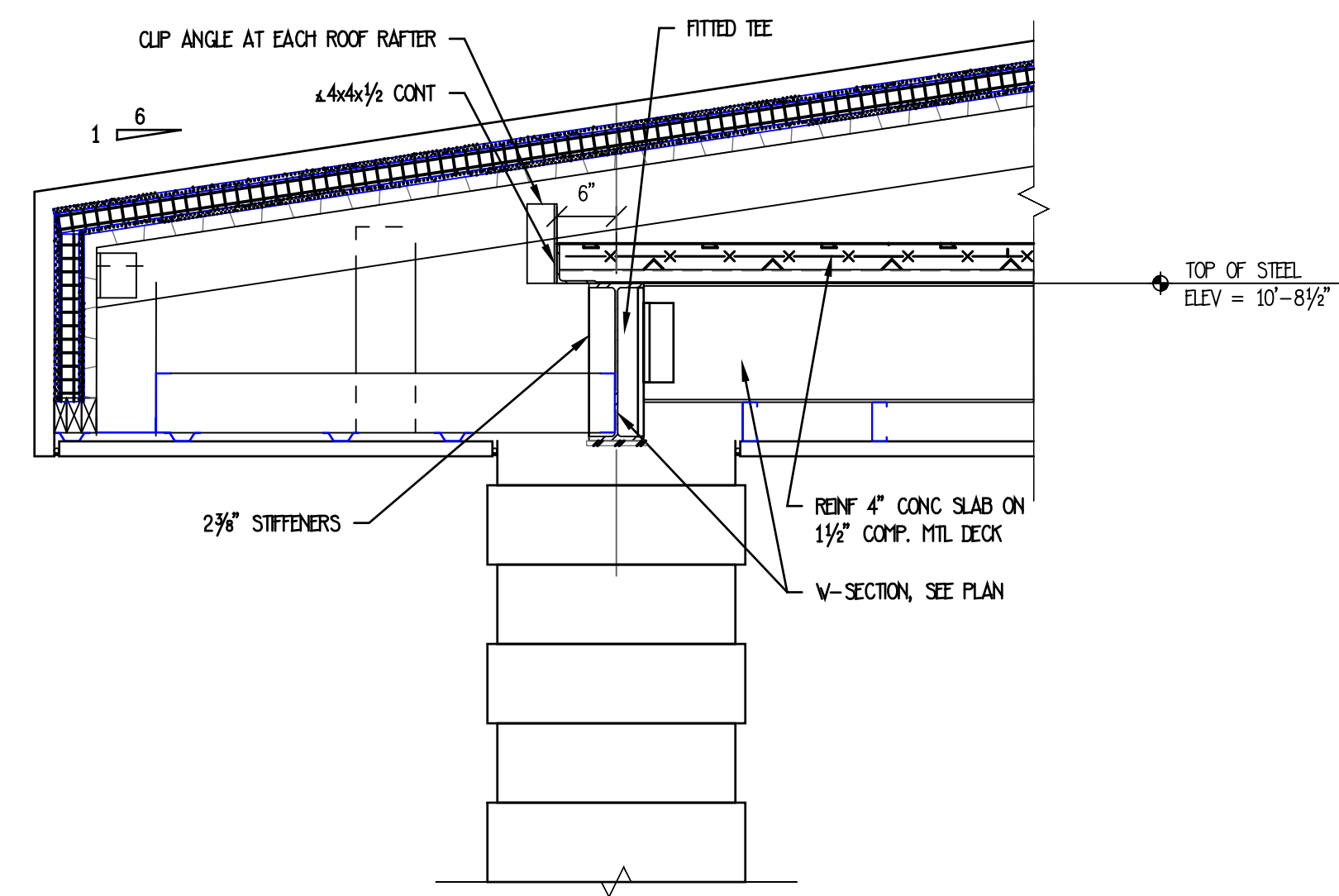
NOTE: THIS IS MINIMUM QUANTITIES ONLY, MORE BOLTS MAY BE REQUIRED BASED ON LOADS SHOWN ON FRAMING PLANS. SINGLE ANGLE CONNECTION DESIGNS WILL BE CONSIDERED. SHEAR TABS ARE ACCEPTABLE ON PIPE COLLUMS ONLY.



1 METAL ROOF DECK FASTENING PATTERN  
S-5 3/4" = 1'-0"

2 TYPICAL FRAMING SECTION  
S-5 3/4" = 1'-0"

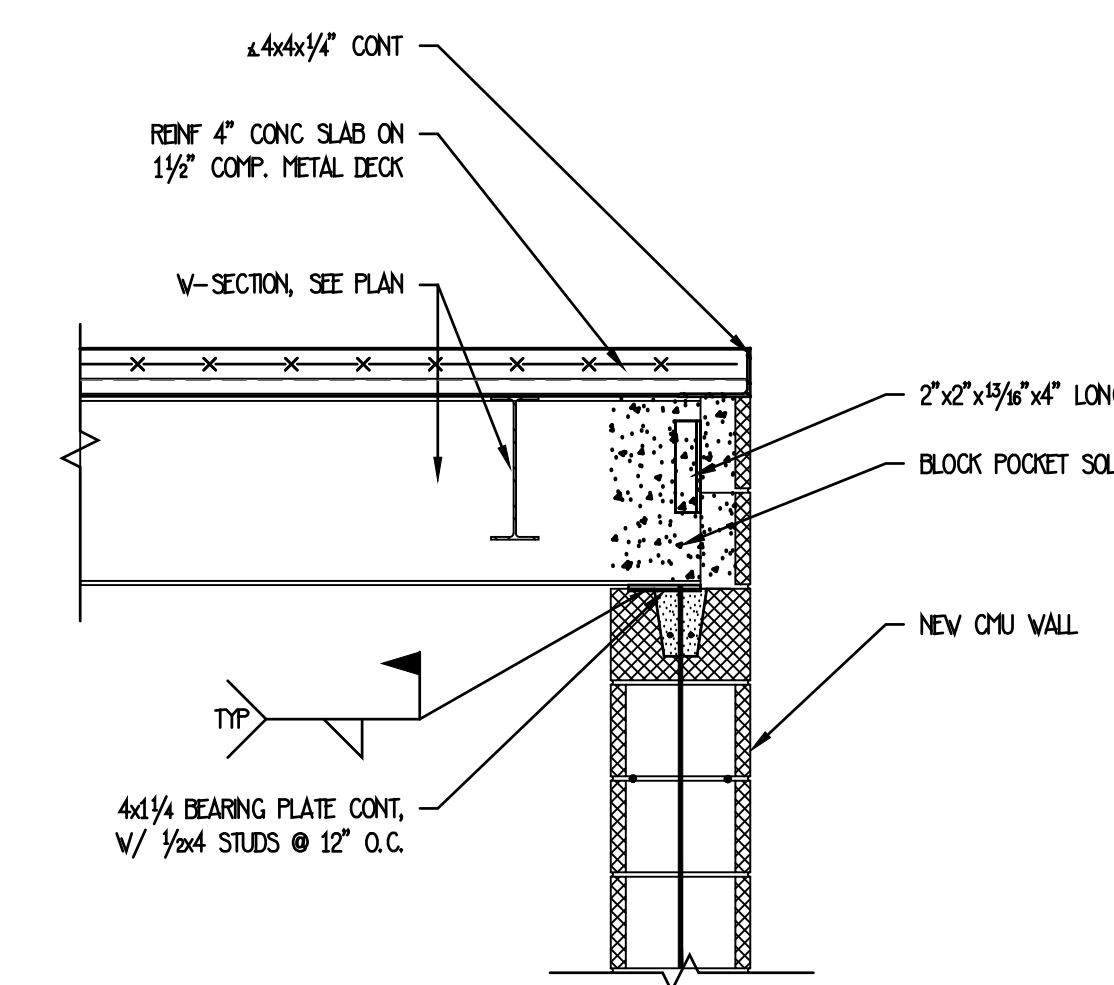
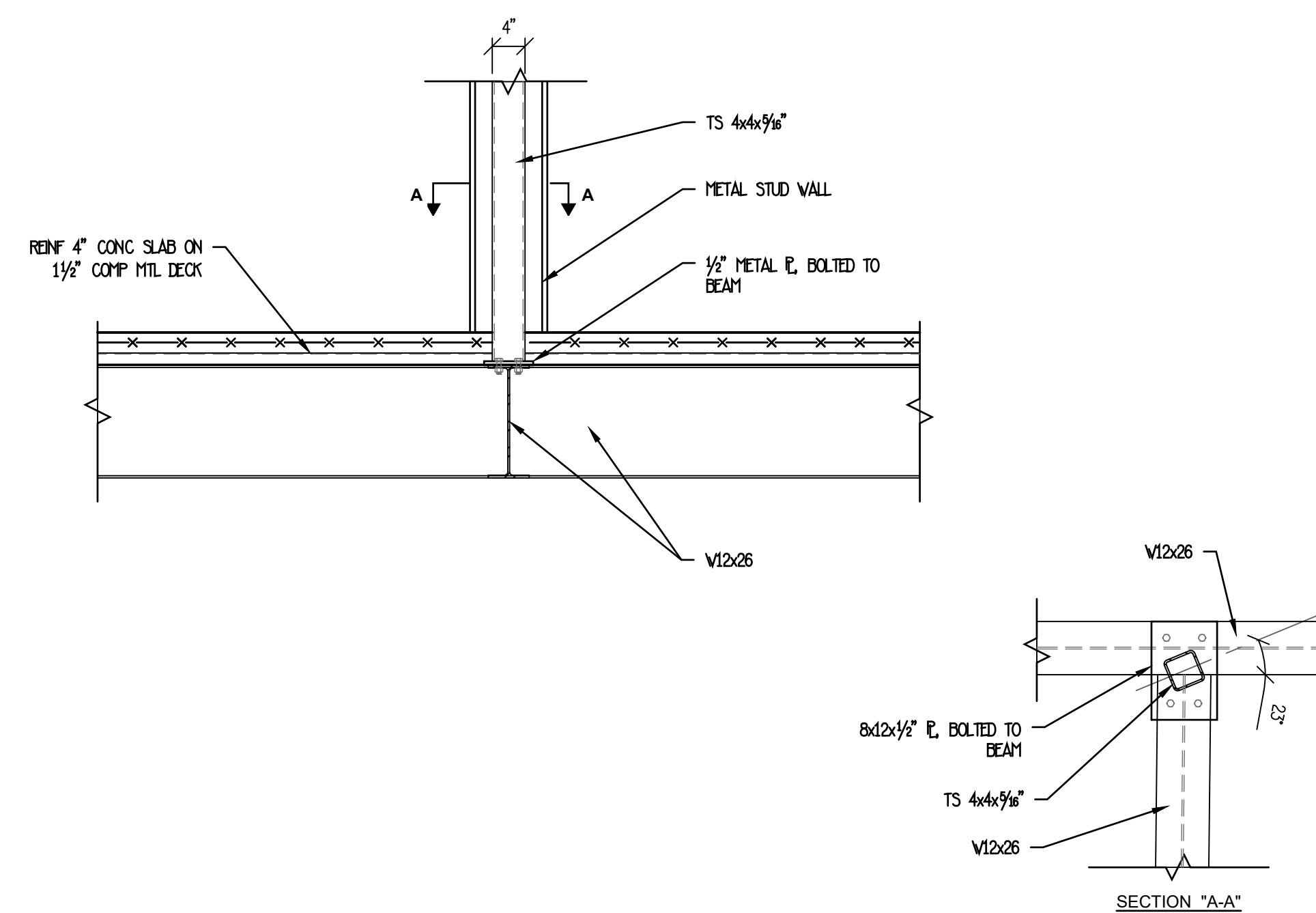
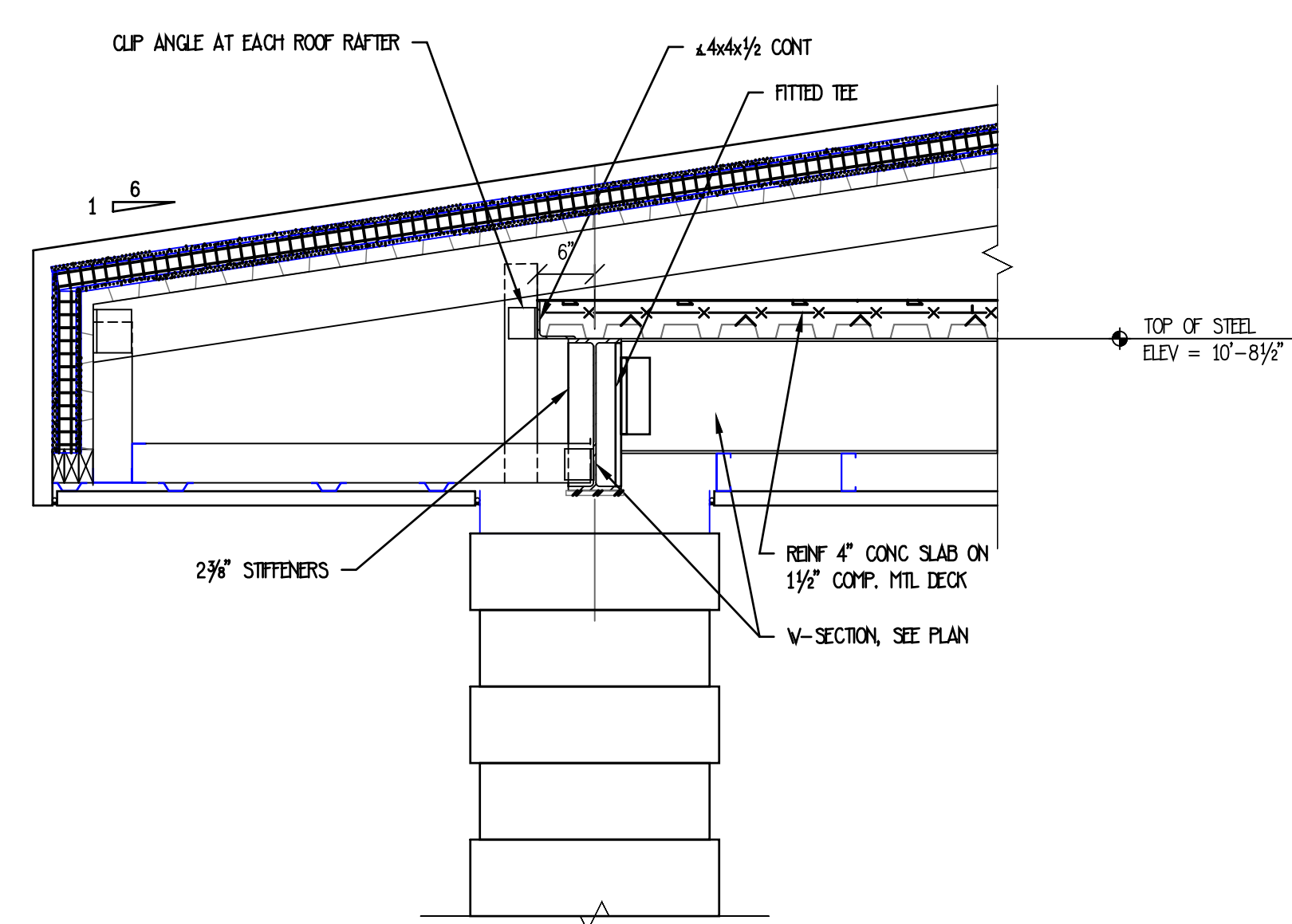
3 SECTION @ NEW WALL/NEW TIE IN (ROOF LINE)  
S-5 @ PRESS BOX 3/4" = 1'-0"



4 SECTION AT ROOF EDGE AT PRESS BOX  
S-5 3/4" = 1'-0"

5 TYPICAL CANTILEVER SECTION @ PRESS BOX  
S-5 3/4" = 1'-0"

6 SECTION @ NEW WALL AT PRESS BOX  
S-5 3/4" = 1'-0"



7 SECTION AT ROOF EDGE @ PRESS BOX  
S-5 N.T.S.

8 WALL COLUMN DETAIL  
S-5 3/4" = 1'-0"

9 SECTION @ NEW WALL @ PRESS BOX  
S-5 3/4" = 1'-0"



A. GENERAL NOTES

- ALL SHOP DRAWINGS MUST BE CHECKED BY THE FABRICATOR AND BEAR CHECKER'S INITIALS AND APPROVED BY THE GENERAL CONTRACTOR BEFORE BEING SUBMITTED FOR REVIEW. REVIEW OF SHOP DRAWINGS IS LIMITED TO CHECKING FOR CONFORMANCE WITH DESIGN DRAWINGS AND STRENGTH REQUIREMENTS. CONTRACTOR IS STILL RESPONSIBLE FOR ANY CHANGES FROM DESIGN DRAWINGS, DIMENSIONAL ERRORS OR OMISSIONS IN SHOP DRAWINGS.
- DESIGN LOADS
  - ROOF LOAD + LIVE LOAD 25 PSF
  - SNOW LOAD
    - GROUND SNOW LOAD (Pg) = 50 PSF
    - EXPOSURE FACTOR (Ce) 1.0
    - IMPORTANCE FACTOR (I) 1.1
    - THERMAL FACTOR (Ct) 1.0
    - FLAT ROOF LOAD (P) 38 PSF + DRIFTING
- WIND LOAD
  - BASIC WIND SPEED 90 MPH
  - EXPOSURE CATEGORY B
  - IMPORTANCE FACTOR (I) 1.0
  - MAIN WIND FORCE RESISTING SYSTEM
    - WALL = 15 PSF
    - ROOF = -25 UPLIFT
  - COMPONENTS & CLADDING = 20 PSF
- SEISMIC LOAD
  - IMPORTANCE FACTOR (I) 1.0
  - SEISMIC CATEGORY D
  - SEISMIC USE GROUP I
  - STRUCTURAL RESPONSE COEFFICIENT = 0.5
  - SEISMIC DESIGN CATEGORY C
  - STRUCTURAL SYSTEM STEEL FRAME NOT SEISMICALLY DETAILED R=3.0
  - ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
- DESIGN BASE SHEAR V = CwV (LRFB)

B. FOUNDATIONS

- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS RELATED TO EXISTING CONSTRUCTION, SERVICES AND THE SITE. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IN DRAWINGS OR WITH FIELD CONDITIONS BEFORE PROCEEDING WITH WORK.
- FOUNDATION DESIGN BEARING PRESSURES
  - FOUNDATIONS ON SOIL: 2,500 PSF
- NOTIFY ENGINEER OF ANY UNUSUAL SOIL CONDITIONS THAT ARE IN VARIANCE WITH THE TEST BORINGS, OR WHEN DIFFERING BEARING MATERIAL IS IDENTIFIED, AND THERE IS A QUESTION OF BEARING CAPACITY.
- SET FOOTINGS ON FIRM, UNDISTURBED, NATURAL BEARING MATERIAL OF DESIGN CAPACITY, OR AS SPECIFIED IN THE GEOTECHNICAL REPORT.
- STEP FOOTING AT A RATIO OF ONE VERT TO TWO HORIZ. WITH A MAX STEP OF 2'-0".
- REMOVE AND REPLACE ALL FILL AREAS PER GEOTECHNICAL REPORT.
- WHERE NEW FOUNDATIONS ARE BUILT IN THE SAME LOCATION AS REMOVED EXISTING FOUNDATIONS, THEY SHALL BEAR ON UNDISTURBED SOIL OR BELOW THE ELEVATION OF THE EXISTING FOUNDATIONS.
- EXCAVATION SHALL BE IDENTIFIED AS REQUIRED DURING THE CONSTRUCTION OF THE FOUNDATION.
- BACKFILL BOTH SIDES OF FOUNDATION WALLS SIMULTANEOUSLY. WALLS WITH FILL ON ONE SIDE ONLY MUST NOT BE BACK FILLED UNTIL SLABS AT TOP AND BOTTOM OF WALL ARE IN PLACE UNLESS ADEQUATE BRACING BY CONTRACTOR.
- VERIFY AND/OR ESTABLISH ALL EXISTING CONDITIONS AT THE SITE. IF EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, NOTIFY ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH PROPOSED MODIFICATION FOR REVIEW BY ARCHITECT.
- CARE SHALL BE TAKEN DURING THE EXCAVATION AND CONSTRUCTION OF NEW FOUNDATIONS SO AS NOT TO DISTURB EXISTING ADJACENT CONSTRUCTION. SHORE AND/OR BRACE EXISTING CONSTRUCTION AS REQUIRED TO INSTALL NEW WORK.

C. CONCRETE

- CAST-IN-PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST AMERICAN CONCRETE INSTITUTE AC-301, 305, 306, 315, 318, AND 347, UNLESS SHOWN OTHERWISE.
- COMPRESSIVE STRENGTH OF CONCRETE IN 28 DAYS
  - SLAB-ON-GRADE: 4,000 PSI
  - FOUNDATIONS: 3,000 PSI
- WATER/CEMENT RATIO SHALL NOT EXCEED, UNLESS SUBSTITUTED BY CERTIFIED TEST RESULTS
  - COMP. STRENGTH 3,000, 4,000
  - NON AIR ENTRAINED 0.58, 0.55
  - AIR ENTRAINED 0.46, 0.44
- SLUMP FOR ALL CLASSES CONCRETE SHALL BE 4" (ASTM C-145). CONTRACTOR MAY ADD SUPERPLASTICIZER TO CONCRETE MIX TO OBTAIN A MAXIMUM 7" SLUMP AFTER SLUMP TEST IS TAKEN.
- FLY ASH POZZOLAN MAY NOT BE ADDED WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER. THE POZZOLAN CONTENT CANNOT EXCEED 20% OF THE TOTAL CEMENT CONTENT.
- REINFORCING STEEL BARS: ASTM A-615, GRADE 60
- WELDED WIRE FABRIC: ASTM A-185, MATS ONLY
- PROVIDE ADEQUATE REINFORCING STEEL CONCRETE COVER AS CAST AGAINST AND EXPOSED TO EARTH 3"; FORMED, BUT EXPOSED TO EARTH 2".
- PROTECT CONTROL JOINTS IN ALL SLABS ON GRADE. THE MAXIMUM SPACING OF JOINTS SHALL BE 15'-0" IN A SQUARE PATTERN, UNLESS NOTED.
- PLACE WELDED WIRE FABRIC IN SLABS ON GRADE 1-1/2" BELOW TOP OF SLAB.
- CONCRETE EXPOSED TO WEATHER, PARKED VEHICLES, AND/OR DECKERS SHALL CONTAIN 6% (+/-) ENTRAINED AIR BY VOLUME.
- CALCULI CHLORIDE OR CHLORIDE CONTAINING ADJUTIVES WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.
- SEE THE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND SITE DRAWINGS FOR DIMENSIONS AND DETAILS REQUIRED FOR CONCRETE WORK NOT SHOWN ON STRUCTURAL DRAWINGS.
- WALL CONSTRUCTION JOINTS ARE TO BE 6'-0" ON CENTER, UNLESS NOTED OTHERWISE. CONSTRUCTION JOINTS ARE TO BE NEAR THE CENTER OF THE SPAN.
- FILL ALL COLUMN AND BEAM POCKETS WITH CONCRETE AFTER ALL COLUMNS AND BEAMS ARE IN PLACE.
- ALL CONCRETE SLABS ON GRADE ARE TO REST ON 6" OF COMPACTED GRANULAR FILL, SUBGRADES TO BE PREPARED AS SPECIFIED IN GEOTECHNICAL REPORT.
- PIPES AND CONDUITS RUNNING HORIZONTAL IN SLABS SHALL NOT HAVE O.D. GREATER THAN 1/3 THE SLAB THICKNESS AND SHALL NOT BE SPACED CLOSER THAN (3) DIAMETERS ON CENTER.
- LAP ALL REINFORCING BAR SPLICES 36 BAR DIAMETERS MINIMUM.
- BEND ALL HORIZONTAL BARS 36 BAR DIAMETERS PAST EACH CORNER OR PROVIDE EQUIVALENT CORNER BARS MATCHING HORIZONTAL REINFORCING.
- REINFORCING BAR SPLICES AND EMBEDMENT LENGTH ARE TO CONFORM TO THE LATEST CRS HANDBOOK COMPLYING WITH AIO 318 CODE OF LATEST ISSUE, UNLESS OTHERWISE NOTED.
- ALL SPLICES IN REINFORCING ARE TO BE CLASS "B", UNLESS NOTED OTHERWISE. CONSIDER ALL HORIZONTAL BARS AS "TOP BARS". STAGGER SPLICES WHERE POSSIBLE.
- PROVIDE TWO (2) #6 BARS AROUND ALL OPENINGS IN CONCRETE WALLS (UNLESS NOTED OTHERWISE).
- ALL SLABS ON GRADE, SLABS ON WALK TOPPING ARE TO BE REINFORCED WITH #6 @ 24" O.C. WELDED WIRE MESH, UNLESS NOTED OTHERWISE. SPLICES ARE TO BE PER CRS HANDBOOK LATEST EDITION.
- TERMINATE ALL BARS IN ACCORDANCE AC-318 CODE OF LATEST ISSUE, WITH A HOOK IF REQUIRED EMBEDMENT CANNOT BE OBTAINED.

D. CONCRETE FIELD QUALITY CONTROL

- TEST CYLINDERS, FOUR FROM EACH FOUR OF 50 CUBIC YARDS OR LESS, MORE FREQUENTLY IF REQUIRED BY ENGINEER.
  - EACH SET OF FOUR CYLINDERS, TWO BROKEN AT 7 DAYS, TWO AT 28 DAYS.
  - SAMPLING, ASTM C 172.
  - CURING AND CURING SPECIMENS, ASTM C 31.
  - TESTING METHOD, ASTM C 39.
  - TESTING BY LABORATORY APPROVED BY ENGINEER, ALL COST AT EXPENSE OF OWNER.
- LOAD TEST, COMPRESSION TEST OF CORED SAMPLE AND REMOVAL AND REPLACEMENT OF FAULTY WORK MAY BE REQUIRED SHOULD ANY PORTION OF WORK SHOW LOW TEST RESULTS, WHEN LOAD TESTED IN ACCORDANCE WITH AIO CODE.
- CONTRACTION TESTING BY LABORATORY APPROVED BY ENGINEER. ALL COST AT EXPENSE OF OWNER.
  - ALL SOLS TO AT LEAST 5 FEET BELOW FINISHED FLOOR SHALL BE COMPACTED TO 95% MINIMUM DENSITY PER ASTM D1557.
  - SELECT GRANULAR FILL SHALL CONSIST OF WELL-GRADED RUN-OF-BANK GRAVEL PRODUCT CONFORMING TO ALL REQUIREMENTS OF PRECIST SPECIFICATION 304-2.02. GRANULATION TYPE 3.
  - FILL TO BE COMPACTED ON LITS NOT EXCEEDING 6" LOOSE THICKNESS.
  - MINIMUM NUMBER OF TESTS SHALL BE 1 PER LIFT/PER EACH BAY OR MORE FREQUENTLY IF REQUIRED BY ENGINEER.
- SUBMITTALS
  - CONCRETE MIX DESIGNS FOR EACH TYPE OF CONCRETE TO BE USED.
  - SHOP DRAWINGS FOR ALL PRETENSION CONCRETE REINFORCING.
  - TEST REPORTS OF ALL TESTS SPECIFIED.
    - CONTRACTION TESTS.
    - TEST CYLINDERS, FOUR FROM EACH FOUR 50 YARD 3 OR LESS, MORE FREQUENTLY IF REQUIRED BY ENGINEER. TWO BROKEN AT 7 DAYS, TWO AT 28 DAYS.

E. MASONRY

- CONSTRUCT ALL MASONRY WALLS IN ACCORDANCE WITH AIO 530.1, WITH REQUIREMENTS FOR OWNER INSPECTION AND ACCEPTANCE DELETED, SPECIFICATIONS UNLESS OTHERWISE SHOWN.
- MATERIALS
  - HOLLOW LOAD BEARING UNITS: ASTM C 90 (GRADE NO. 1)
  - SOLID LOAD BEARING UNITS: ASTM C 146 (GRADE NO. 1)
  - CONCRETE BLOCK: ASTM C 55 (GRADE NO. 1)
  - NON LOAD BEARING UNITS: ASTM C 129
  - MORTAR (TYPE M-S): ASTM C 270
  - GROUT: ASTM C 476 (2,500 PSI)
  - REINFORCING STEEL BARS: ASTM A 615 GRADE 60
- MINIMUM MASONRY FRESH STRENGTH (Fm) = 1,500 PSI OF 28 DAYS, UNLESS NOTED OTHERWISE.
- MORTAR USAGE FOR ABOVE AND BELOW GRADE WALLS
  - NON LOAD BEARING MASONRY - TYPE S
  - LOAD BEARING (INTERIOR AND EXTERIOR) - TYPE M
- IN MASONRY WALLS, NO CHANGES, REDS, OR CUTS OR TOOTHING OF MASONRY SHALL OCCUR WITHIN 17" OF CENTRELINE OF BEAM BEARING OR CONCENTRATED LOADS.
- USES TWO COURSES (16") OF SOLID OR GROUTED SOLID MASONRY BELOW EACH BEAM BEARING. (MIN 24" W/D).
- PROVIDE HORIZONTAL JOINT REINFORCING IN ALL MASONRY WALLS AT 16" O.C. VERTICALLY. JOINT REINFORCING SHALL BE DWR-O-WAL EXTRA HEAVY; DUTY TRUSS TYPE, 3/16" GALVANIZED WIRE, OR EQUAL.
- PROVIDE UNITS APPROPRIATE FOR THE USE, I.E. JAMBS, SASH, BULLNOSE, BOND, ETC. PROVIDE CONTROL JOINTS @ MINIMUM 20'-0" O.C. SPACING. PROVIDE CONTROL JOINTS AT MINIMUM 20'-0" O.C. SPACING.

F. REINFORCED MASONRY

- HOLLOW CONCRETE UNITS SHALL BE LAD IN RUNNING BOND UNLESS OTHERWISE NOTED. PROVIDE FULL MORTAR BED FOR FIRST COURSE. ALL EXPOSED JOINTS SHALL BE TOGGED CONCAVE. UNEXPOSED JOINTS SHALL BE STROCK FLUSH, PROVIDE MORTAR TON WEBS OF CORES CARRYING GROUT TO PREVENT LEAKAGE.
  - GROUTING: USE LOW LIFT (MANUAL PLACEMENT) OR HIGH LIFT (PUMPED PLACEMENT) TECHNIQUE ASSURING CONSOLIDATION OF GROUT IN BLOCK CELLS.
  - REINFORCEMENT: PLACE REINFORCED BARS IN REQUIRED POSITION SECURING FROM DISPLACEMENT WITH PROPER CHAIRS OR WIRE TIES. LAP CONTINUOUS BARS 48 DIAMETER.
  - WHERE GROUT IS SPECIFIED ON THE DRAWINGS OR IN THE SPECIFICATIONS, MORTAR IS NOT ACCEPTABLE.
  - ALL MORTAR SHALL BE BATCHED BY VOLUMES BY USE OF A TOL BOX OF SIMILAR DEVICE.

G. STRUCTURAL STEEL

- DETAIL, FABRICATE AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH THE LATEST AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDING.
- MATERIALS
  - STRUCTURAL V-SHAPES: ASTM A992; OTHER SHAPES AND PLATES - ASTM A588.
  - PIPE COLUMNS - ASTM A 53 GRADE B - TYPE E OR S SCHEDULE 40.
  - TUBE COLUMNS - ASTM A 500 - GRADE B - Fy = 46 KSI.
  - BOLTS: CONNECTIONS: ASTM A325.
  - ANCHOR BOLTS: ASTM F1554.
  - WELDING ELECTRODES: E70XX SERIES.
  - PAINT: APPROVED PRIMER - 2 MILS THICK. DON'T PAINT SURFACES TO BE WELDED, EMBEDDED IN CONCRETE OR MASONRY, OR CONTACT SURFACES OF FRICTION CONNECTIONS.
- SHOP CONNECTIONS: WELDED UNLESS OTHERWISE NOTED.
- FIELD CONNECTIONS: 3/4" @ HIGH STRENGTH BOLTS, AS REQUIRED.
- ALL WELDING BY CERTIFIED WELDERS AND IN ACCORDANCE WITH AWS D1.1-94, STRUCTURAL WELDING CODE.
- ALL ELECTRODES USED FOR SUPERBEG ARC AND SHIELDED METAL ARC WELDING SHALL BE COMPATIBLE WITH THE STRUCTURAL STEEL AS SPECIFIED IN AWS AND AISC.
- PROVIDE FRAMED RIGID CONNECTIONS AS PER AISC MANUAL, PART 4. SEED FROM ALLOWABLE LOAD TABLES, PART 2. FROM RECTIONS NOTED ON THE DESIGN DRAWINGS, OR AS DETAILED ON THE DESIGN DRAWINGS.
- PROVIDE TWO STIFFENER PLATES (EACH SIDE) FOR BEAMS FRAMING OVER COLUMNS OR SUPPORTING COLUMNS OR HANGERS. WELD THE PLATES TO THE TOP AND BOTTOM FLANGES AND TO THE WEB.
- SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND SITE DRAWINGS FOR DIMENSIONS AND DETAILS REQUIRED FOR STRUCTURAL STEEL WORK NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- STRUCTURAL STEEL CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING CONDITIONS AT THE SITE PRIOR TO BEGINNING ANY WORK. IF EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, NOTIFY ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH PROPOSED MODIFICATION FOR REVIEW BY ARCHITECT.
- CARE SHALL BE TAKEN DURING THE ERECTION OF STRUCTURAL STEEL SO AS NOT TO DISTURB EXISTING ADJACENT CONSTRUCTION. SHORE AND/OR BRACE EXISTING CONSTRUCTION AS REQUIRED TO INSTALL NEW WORK.
- PROVIDE HOLES IN THE STRUCTURAL STEEL AS REQUIRED TO ATTACH THE WOOD BLOOMING. SEE ARCHITECTURAL DRAWINGS.

H. STEEL JOISTS

- STEEL JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST STEEL JOIST INSTITUTE SPECIFICATIONS.
- ALL BAR JOISTS ARE AT MAXIMUM DESIGN SPACING. SHIRT JOISTS WHERE NECESSARY OR PROVIDE DEEPER ENDS.
- PROVIDE DOUBLE JOISTS UNDER ALL MASONRY PARTITION WALLS PARALLEL TO THE JOIST FRAMING.
- PROVIDE BRACING AS CALLED FOR ON THE DESIGN DRAWINGS AND IN ACCORDANCE WITH S4 STANDARDS, INCLUDING PROVISIONS FOR SAFETY DURING ERECTION. ENDS OF BRACING LINES SHALL BE ANCHORED TO MASONRY WALLS OR STEEL BEAMS.
- WELD ALL STEEL JOISTS TO SUPPORTING STEEL MEMBERS, EXCEPT ALL EXPANSION JOISTS.
- SLURRY SHOP DRAWINGS SHOWING MARK NUMBERS, BRACING, SPECIAL CONDITIONS, ETC. PRIOR TO FABRICATION.
- PROVIDE ONE SHOP COAT OF A RUST INHIBITIVE PRIMER TO ALL STEEL JOISTS.

I. STEEL FIELD QUALITY CONTROL

- INSPECTION OF FIELD ASSEMBLIES WITH HIGH STRENGTH BOLTS, IN ACCORDANCE WITH AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS. INSPECTION SHALL INCLUDE APPROVAL OF PROCEDURE FOR CALIBRATION OF WRENCHES AND INSTALLATION OF BOLTS. THE HIGH-STRENGTH STEEL BOLTS SHALL BE CHECKED BY A TESTING AGENCY, ALL COST FOR SUCH TESTING SHALL BE PAID FOR BY OWNER. BOLTS SHALL BE CHECKED AFTER THEIR INSTALLATION BY A PROCEDURE OF RETIGHTENING NOT LESS THAN 10% AND IN NO CASE LESS THAN TWO BOLTS PER JOINT. THE PROCEDURE SHALL BE AN APPROVED METHOD OF TESTING TO ESTABLISH THAT WHEN THE NUT IS RETIGHTED TO ITS ORIGINAL POSITION, THE BOLT TENSION IS NOT LESS THAN THAT REQUIRED BY SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A 325 BOLTS.
- SUBMITTALS
  - SHOP DRAWINGS TO INCLUDE ERECTION PLANS AND FABRICATION DETAIL FOR STEEL FRAMING. INDICATED PAINT TO BE USED. (NON-LEAD FORMULATION, MAKE: THERMEX 10-09 GRAY)
  - BOLT TEST REPORTS.

J. STEEL LINTEL SCHEDULE

- PROVIDE STEEL LINTELS AS PER THE FOLLOWING SCHEDULE IN ALL MASONRY WALL OPENINGS WHEN NOT SHOWN ON DRAWINGS, OR IN OPENINGS REQUIRED BY ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
- ALL LINTELS SHALL BEAR ON 6" OF SOLID MASONRY, UNLESS NOTED.
- FRAME LINTELS TO COLUMN WHEN WITHIN BEARING DISTANCE.

LINTEL SCHEDULE			
WALL TYPE	MAX OPENING	LINTEL	SHAPE
4" BLOCK	4'-0"	L3-1/2 x 3-1/2 x 5/16	
4" CMU	8'-0"	L4x3-1/2 x 3/8	L
8" CMU	4'-0"	(2) L4x3-1/2 x 5/16	J
8" CMU	8'-0"	(2) L4x3-1/2 x 3/8	J
16" (8" CMU-BLOCK)	4'-0"	(3)L4x3-1/2 x 5/16-1/4"x3" PL	JLL
16" (8" CMU-BLOCK)	8'-0"	(3)L4x3-1/2 x 5/16-1/4"x3" PL	JLL

F. STEEL DECK

- FURNISH AND INSTALL STEEL DECK IN ACCORDANCE WITH STEEL DECK INSTITUTE SPECIFICATIONS AND FACTORY MUTUAL I-28, INSULATED STEEL DECK FOR ROOF DECKS.
- DECK TYPES UNLESS SHOWN OTHERWISE ON DRAWINGS:
  - ROOF DECK: 1-1/2" x 20 GA. GALVANIZED STEEL, WIDE RIB
  - FLOOR DECK: 3/4" x 26 GA. FORMED METAL DECK
- WELDING TO BE DONE IN ACCORDANCE WITH AWS D1.3 SHEET METAL WELDING CODE, UNLESS NOTED OTHERWISE.
- USE WELD WASHERS 3/4" OR LESS THICKNESS ROOF DECK IN ACCORDANCE WITH FH 1-28.5. SUBMIT SHOP DRAWINGS OF DECK INCLUDING FASTENING AND SHORING.

L. SPECIAL INSPECTIONS

- CONTRACTOR'S RESPONSIBILITY: TO FACILITATE SPECIAL INSPECTION AND TESTING SERVICES, THE CONTRACTOR SHALL:
  - FURNISH TO THE SPECIAL INSPECTOR SUCH SAMPLES OF MATERIALS AS MAY BE NECESSARY FOR TESTING PURPOSES.
  - FURNISH SUCH DATA AND FACILITIES AS IS NECESSARY TO OBTAIN AND HANDLE SAMPLES AT THE PROJECT.
  - ADVISE THE SPECIAL INSPECTOR SUFFICIENTLY IN ADVANCE OF OPERATIONS TO ALLOW FOR COMPLETION OF TESTS AND FOR THE ASSIGNMENT OF PERSONNEL.
  - PROVIDE AND MAINTAIN FOR THE SOLE USE OF THE SPECIAL INSPECTOR, ADEQUATE FACILITIES FOR SAFE STORAGE AND PROPER CURING OF CONCRETE TEST CYLINDERS ON THE PROJECT SITE FOR THE FIRST 24 HOURS AS REQUIRED BY ASTM C31-04.
  - MAINTAIN RECORDS AT THE PROJECT SITE SHOWING THE DATE AND EXTENT OF EACH CONCRETE PLACEMENT.
  - PROTECT SAFE ACCESS TO ITEMS TO BE INSPECTED AND/OR TESTED. THIS INCLUDES SHEETING AND LADDERS FOR DEEP EXCAVATION; SCAFFOLDING AND LADDERS FOR INSPECTION AND TESTING OF SUPERSTRUCTURE ITEMS.
  - IF ANY PORTION OF THE WORK SHOWS LOW TEST RESULTS, EVIDENCE OF DEFICIENT PLACING OR CURING CONDITIONS, THE OWNER MAY REQUIRE ADDITIONAL TESTING, COMPACTION, CORED SAMPLES OR RE-WELDING AT THE CONTRACTOR'S EXPENSE.

2. STEEL CONSTRUCTION INSPECTIONS

- THE SPECIAL INSPECTOR SHALL PERFORM AN INSPECTION OF THE STEEL FRAME TO VERIFY COMPLIANCE.
- MATERIAL VERIFICATION REQUIRED AS FOLLOWS:
  - IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.
  - MANUFACTURER'S CERTIFIED MILL TEST REPORTS.
  - WELD FILLER MATERIALS: MATERIAL VERIFICATION REQUIRED.
  - PERIODIC INSPECTIONS DURING TASK ARE REQUIRED FOR:
    - INSTALLATION OF HIGH-STRENGTH BOLTS.
    - MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS.
    - BEARING-TYPE CONNECTIONS.
    - SUP-CRITICAL CONNECTIONS (CONTINUOUS AND PERIODIC INSPECTIONS).
    - WELDING INSPECTIONS REQUIRED AS FOLLOWS:
      - COMPLETE AND PARTIAL PENETRATION GROOVE WELDS: CONTINUOUS INSPECTIONS.
      - MULTI-PASS FILLET WELDS: CONTINUOUS INSPECTIONS.
      - SINGLE-PASS FILLET WELDS GREATER THAN 5/16 INCH: CONTINUOUS INSPECTIONS.
      - SINGLE-PASS FILLET WELDS LESS THAN 5/16 INCH: PERIODIC INSPECTIONS.
    - FLOOR AND DECK WELDS: PERIODIC INSPECTIONS.
    - VERIFICATION OF WELDABILITY OF REINFORCING STEEL: PERIODIC INSPECTIONS.
- CONCRETE CONSTRUCTION INSPECTIONS:
  - PERIODIC INSPECTIONS DURING TASK ARE REQUIRED FOR:
    - INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING, TENDONS AND PLACEMENT.
    - VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A305.
    - VERIFYING USE OF REQUIRED DESIGN MIX.
    - INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.
    - ERECTION OF PRECAST MEMBERS.
    - VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.
    - CONTRACTOR INSPECTIONS DURING TASK ARE REQUIRED FOR: SHEAR REINFORCEMENT.
    - BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED.
    - SAMPLING FRESH CONCRETE AND PERFORMING SLUMP, AIR CONTENT AND DETERMINING THE TEMPERATURE OF FRESH CONCRETE AT THE TIME OF FINISHING SPECIMENS FOR STRENGTH TEST.
    - CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.
    - APPLICATION OF PRESTRESSING FORCES.
    - GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING SYSTEM.

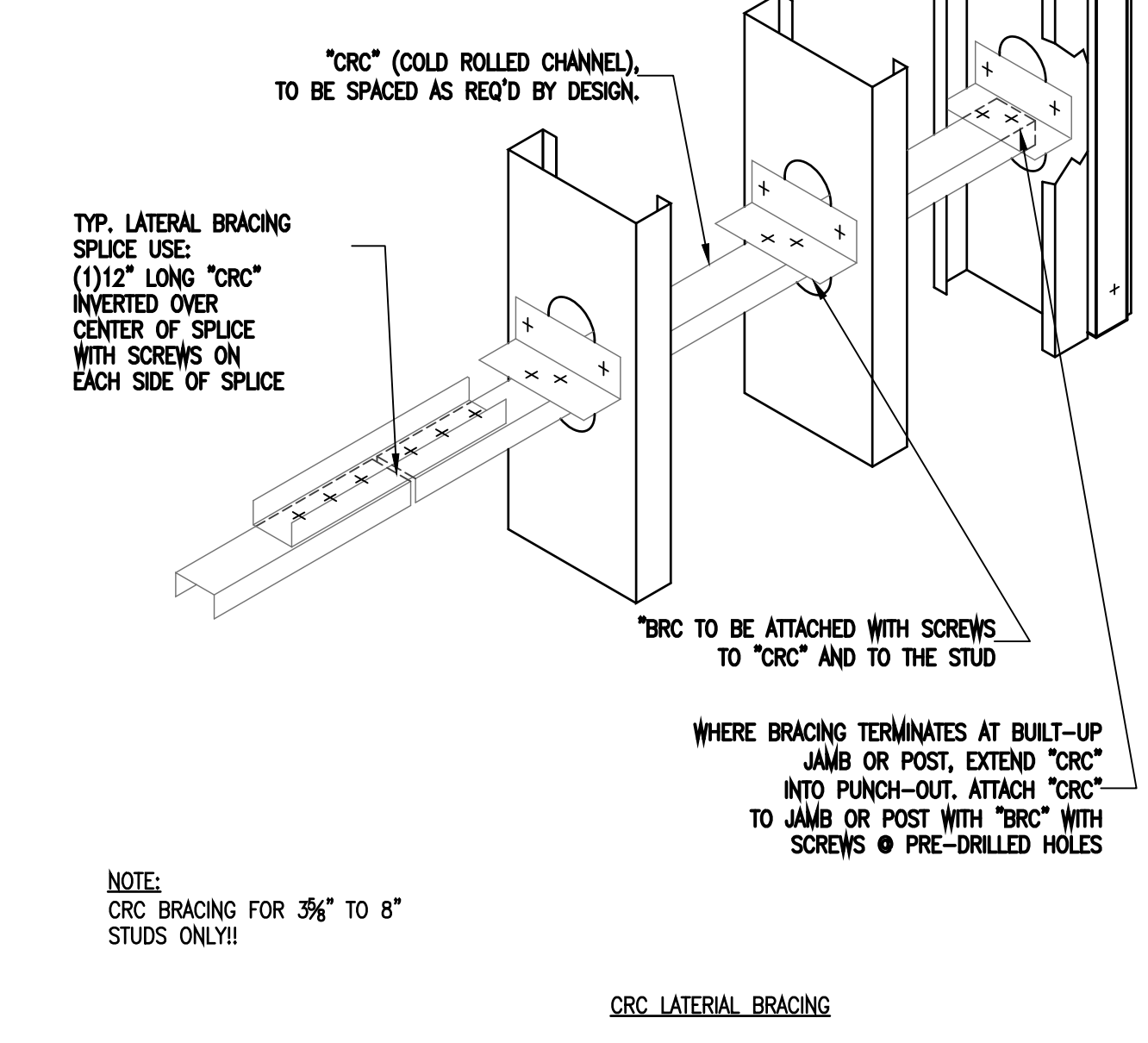
4. MASONRY INSPECTIONS (LEVEL 2)

- PERIODIC INSPECTIONS DURING TASK ARE REQUIRED FOR:
  - PROPORTIONS OF SITE-MIXED MORTAR AND GROUT.
  - PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MORTAR JOINTS.
  - PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES.
  - PRESTRESSING TENDON INSTALLATION.
  - SIZE AND LOCATION OF STRUCTURAL ELEMENTS.
  - TYPE, SIZE AND LOCATION OF ANCHORS.
  - SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT.
  - PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F OR HOT WEATHER TEMPERATURE ABOVE 90°F).
  - APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.
  - CONTINUOUS INSPECTIONS DURING TASK ARE REQUIRED FOR GROUT SPECS PRIOR TO GROUTING.
  - GROUT SPECS PRIOR TO GROUTING.
  - PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.
  - GROUTING OF PRESTRESSED BONDING TENDONS.
  - WELDING OF REINFORCING BARS.
  - PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS.
  - SOIL INSPECTIONS.
  - REQUIRED FOR EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS.
  - EXCEPTION: DUMPING PLACEMENT OF FILL LESS THAN 12 INCHES (305 MM) DEEP.

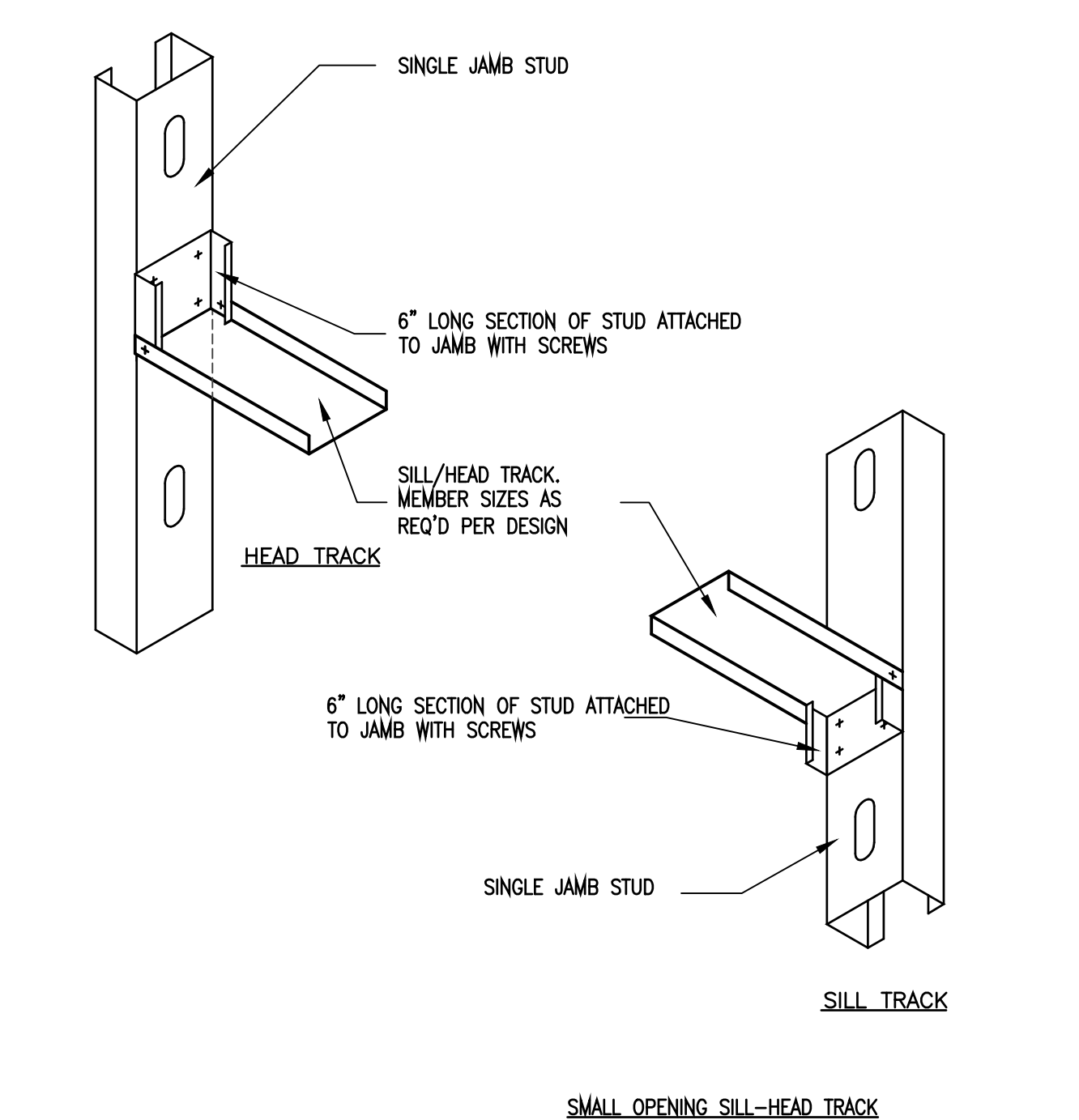
11. MASONRY INSPECTIONS (LEVEL 1) - PERIODIC INSPECTIONS DURING TASK ARE REQUIRED FOR:

- PROPORTIONS OF SITE-PREPARED MORTAR.
- CONSTRUCTION OF MORTAR JOINTS.
- LOCATION OF REINFORCEMENT AND CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES.
- PRESTRESSING TECHNIQUE.
- GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.
- SIZE AND LOCATION OF STRUCTURAL ELEMENTS.
- TYPE, SIZE AND LOCATION OF ANCHORS.
- SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT.
- PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F).
- APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.
- GROUT SPACE IS CLEAN.
- PLACEMENT OF REINFORCEMENT AND CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES.
- PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.
- CONSTRUCTION OF MORTAR JOINTS.
  - CONTINUOUS INSPECTIONS DURING TASK ARE REQUIRED FOR:
    - WELDING OF REINFORCING BARS.
    - GROUT PLACEMENT.
    - GROUTING OF PRESTRESSED BONDED TENDONS.
    - PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS.
  - SOILS INSPECTIONS.
    - REQUIRED FOR EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS.
    - EXCEPTION: DURING PLACEMENT OF FILL LESS THAN 12 INCHES (305 MM) DEEP.

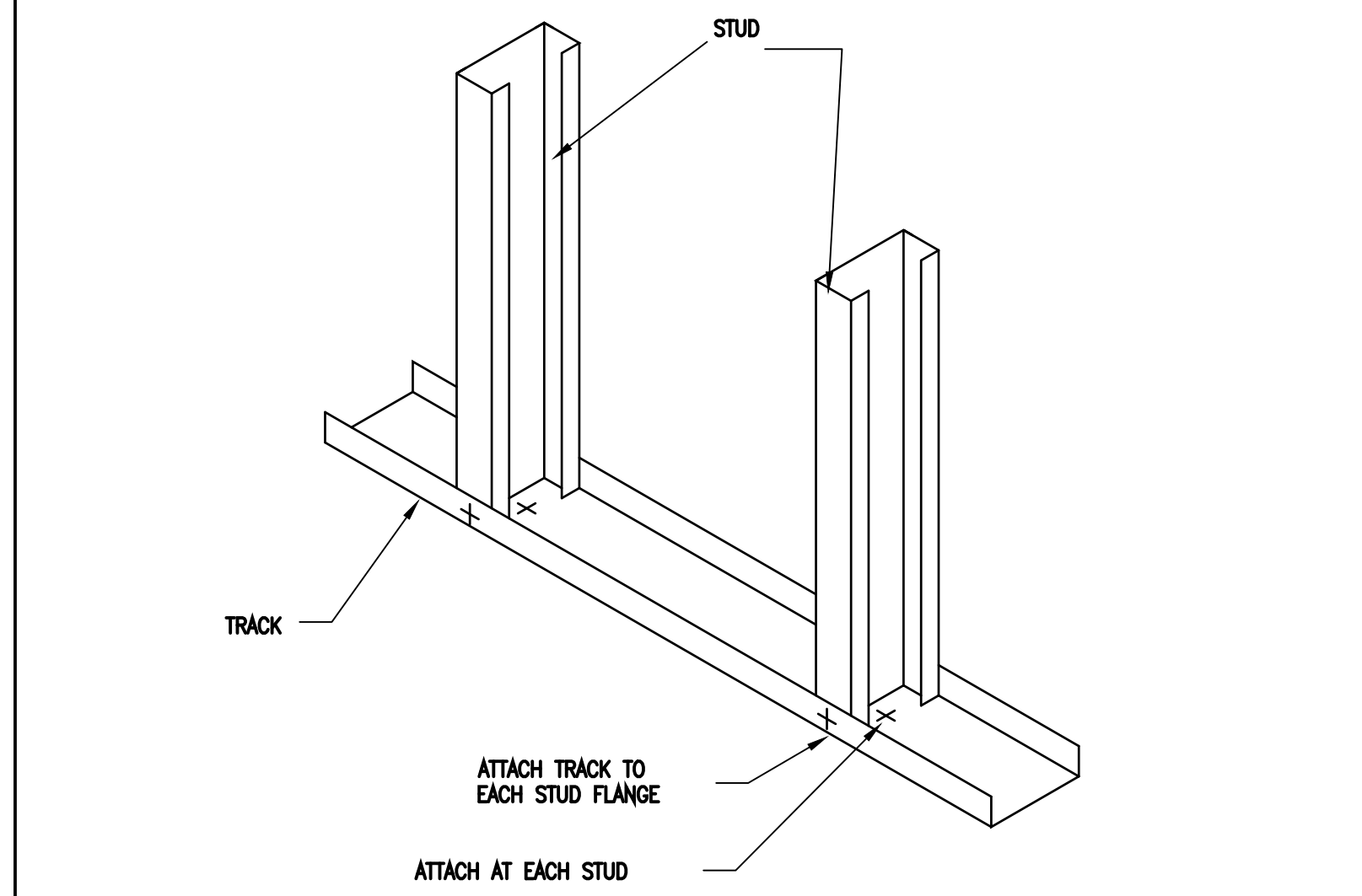
MARINOWARE PARTS:		
ITEM	ORDER #	REMARKS
CR-C	1 1/2 CR16	
BRC	BRC-5	STUD SIZE = 3/8" x 4"
BRC	BRC-6	STUD SIZE = 6"



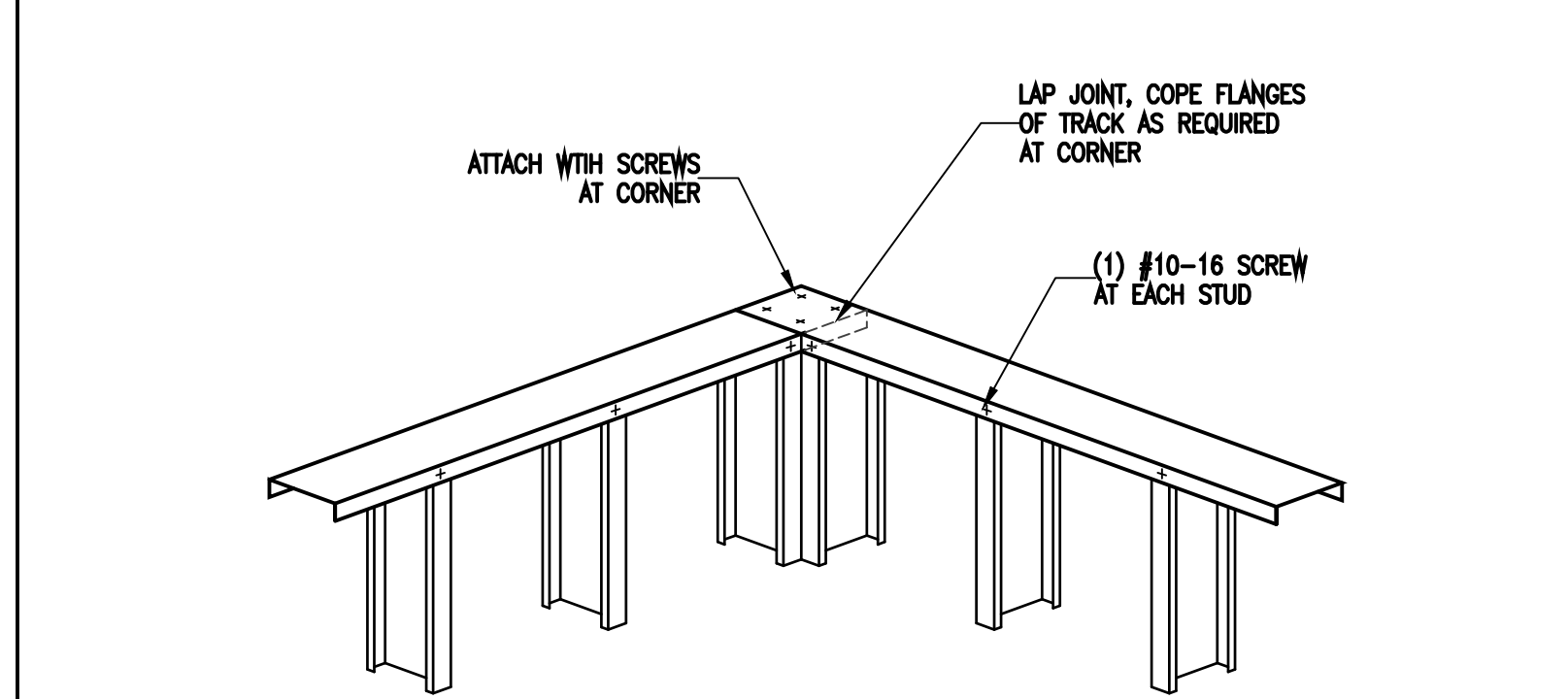
3 TYPICAL WALL SECTION 3/4" = 1'-0"



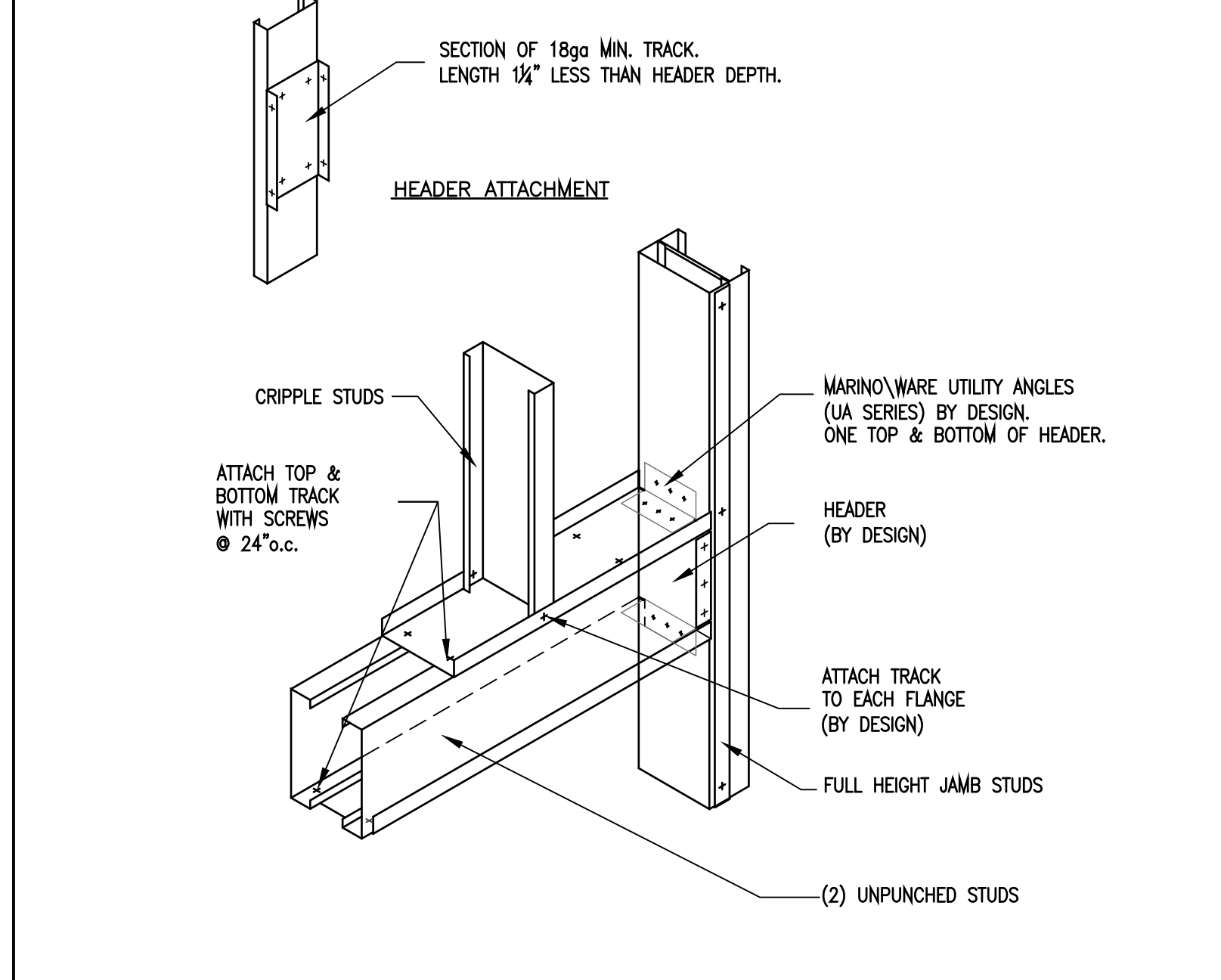
5 TYPICAL WALL SECTION 3/4" = 1'-0"



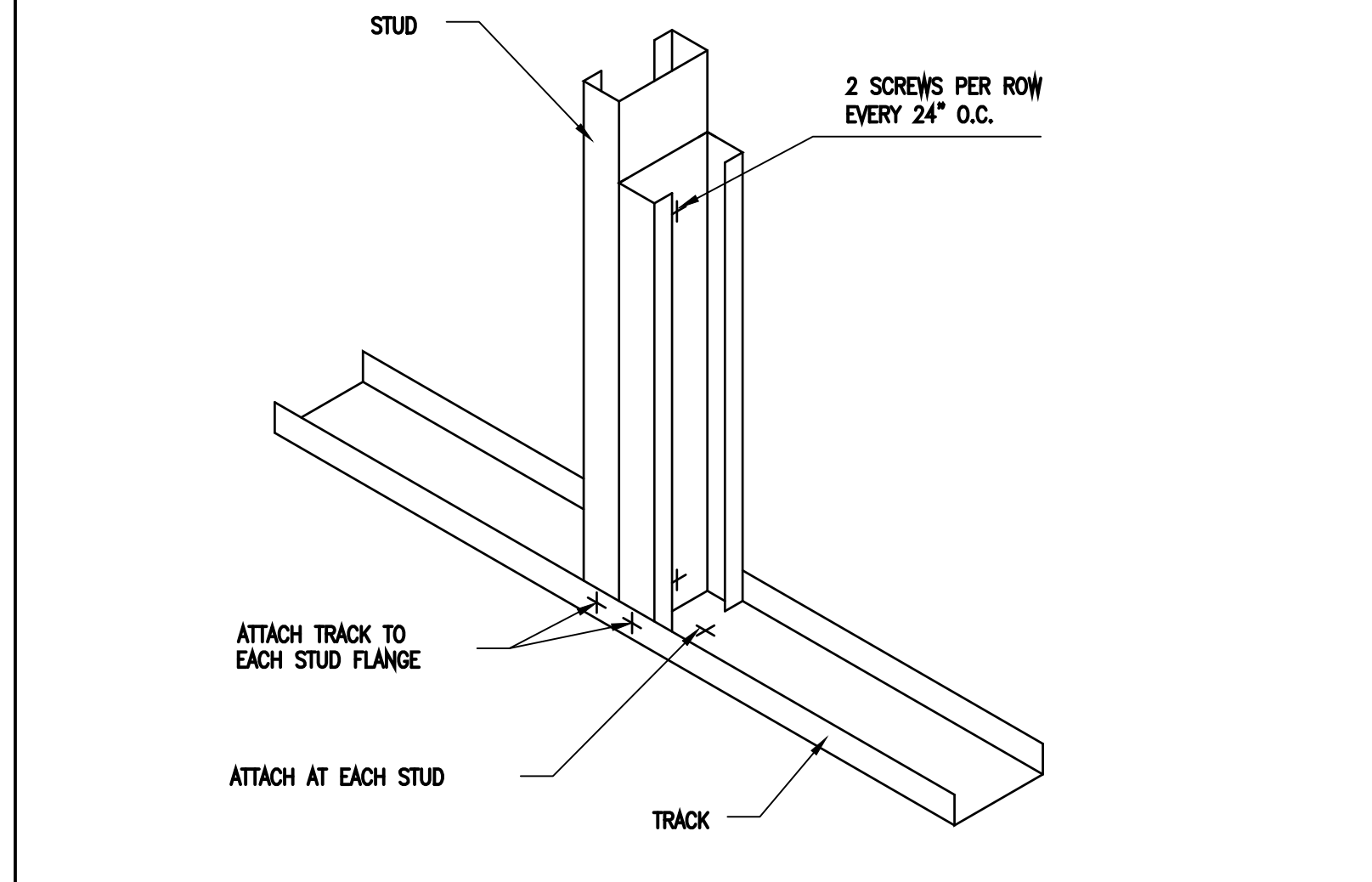
1 TYPICAL WALL SECTION 3/4" = 1'-0"



2 TYPICAL WALL SECTION 3/4" = 1'-0"

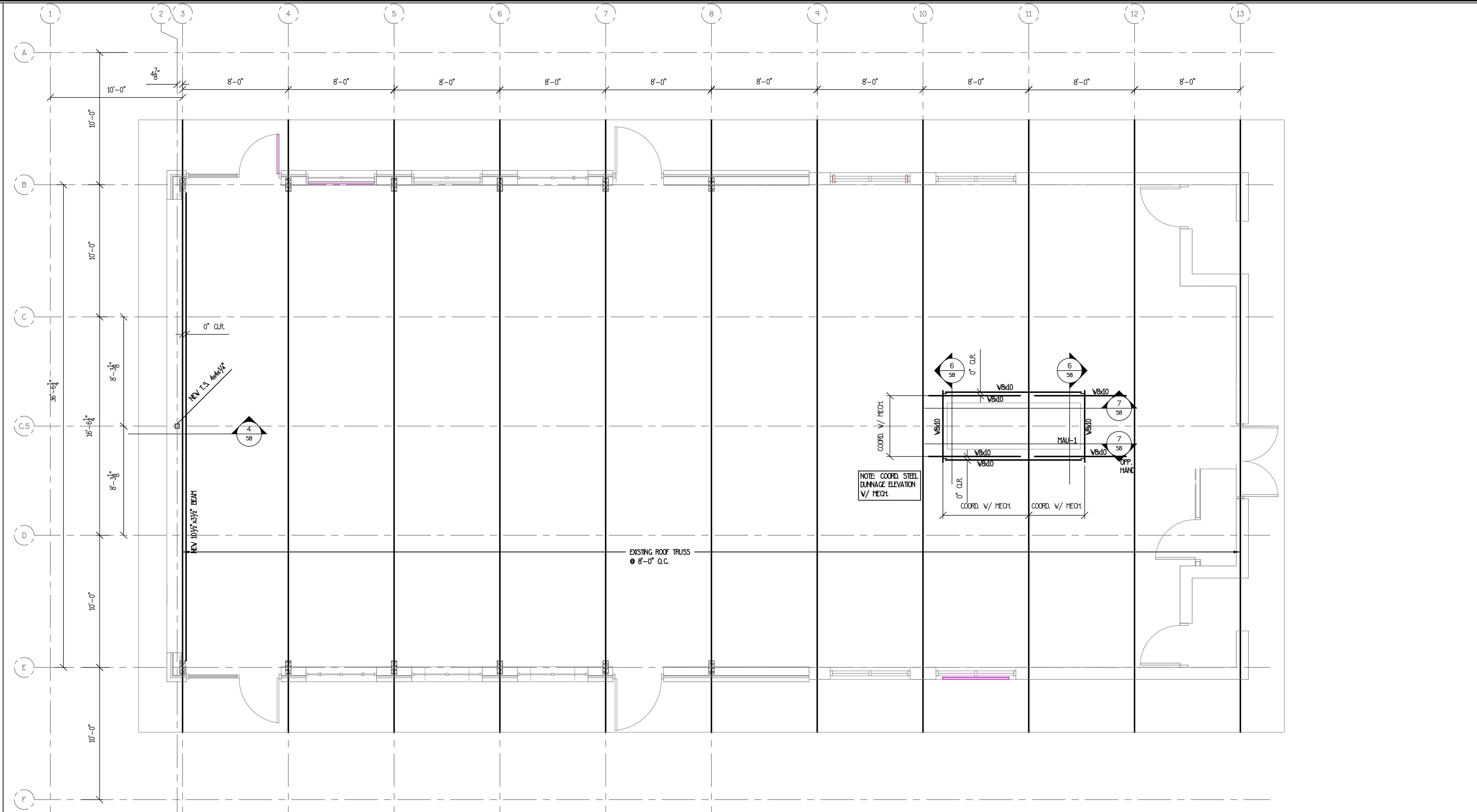


4 TYPICAL WALL SECTION 3/4" = 1'-0"



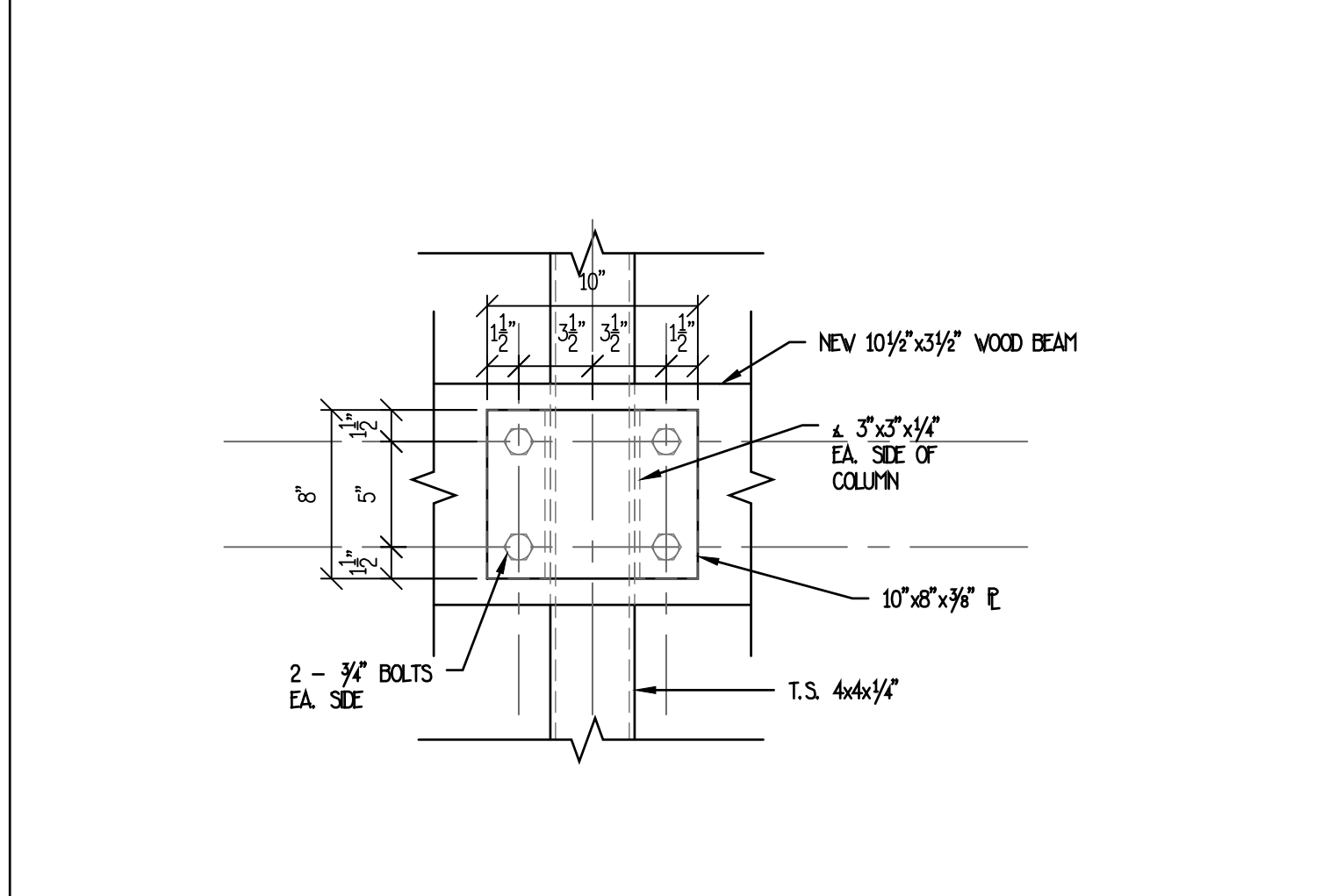
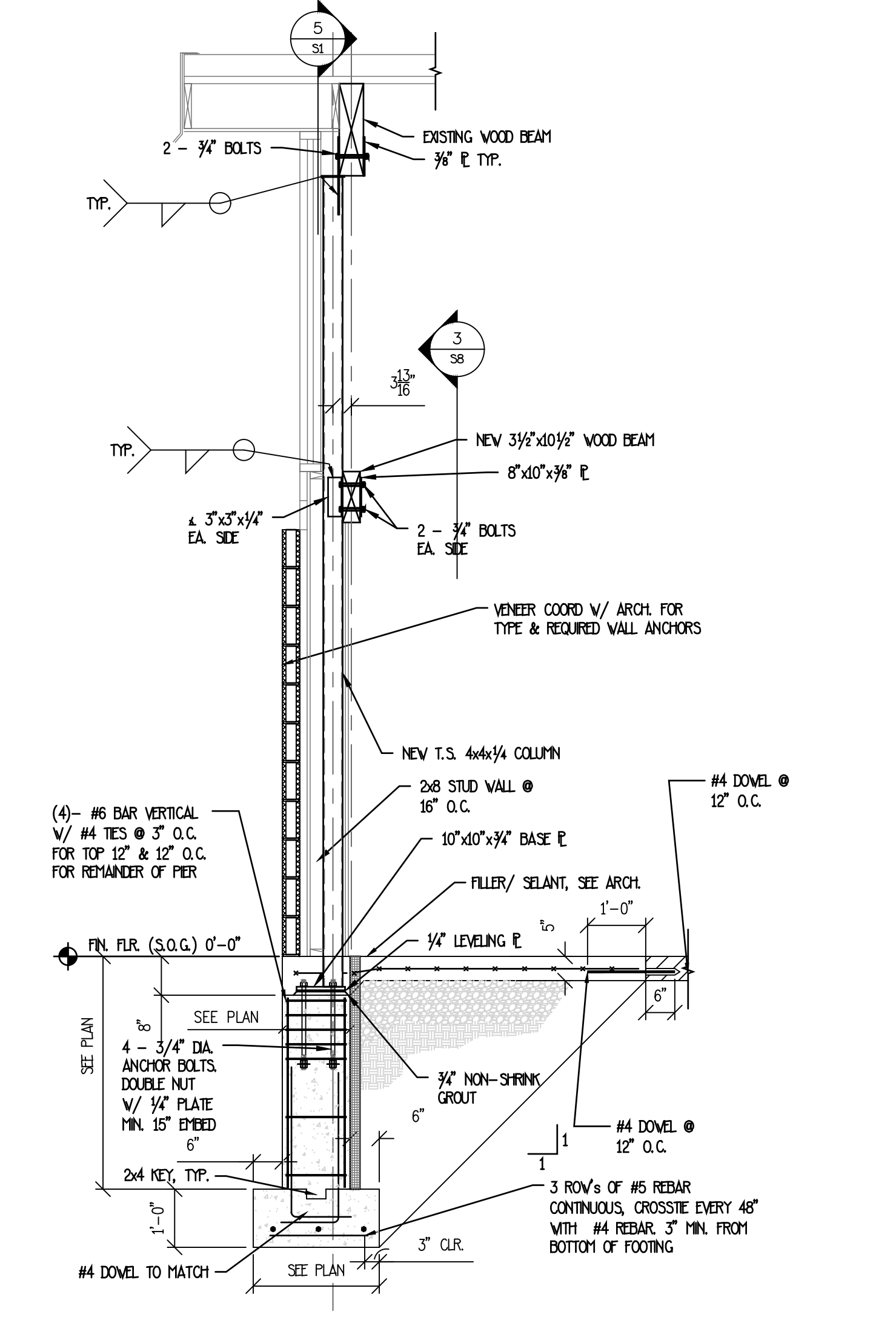
6 TYPICAL WALL SECTION 3/4" = 1'-0"

- A. GENERAL NOTES**
- B. DESIGN LOADS**  
 1. ROOF DEAD LOAD = 15 PSF  
 2. ROOF LIVE LOAD = 50 PSF
- C. CONCRETE**
- CAST-IN-PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST AMERICAN CONCRETE INSTITUTE AC-308, 306, 309, 315, 318, AND 347, UNLESS SHOWN OTHERWISE.
  - COMPRESSIVE STRENGTH OF CONCRETE IN 28 DAYS
    - SLAB-ON-GRADE: 4,000 PSI
    - FOUNDATIONS: 5,000 PSI
  - WATER/CEMENT RATIO SHALL NOT EXCEED, UNLESS SUBSTITUTED BY CERTIFIED TEST RESULTS:
    - COMP. STRENGTH 3,000, 4,000
    - NON AIR ENTRAINED 0.58, 0.65
    - AIR ENTRAINED 0.46, 0.44
  - SLUMP FOR ALL CLASSES CONCRETE SHALL BE 4" (ASTM C-143). CONTRACTOR MAY ADD SUPERPLASTICIZER TO CONCRETE MIX TO OBTAIN A MAXIMUM 7" SLUMP AFTER SLUMP TEST IS TAKEN.
  - FLY ASH POZZOLAN MAY NOT BE ADDED WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER. THE POZZOLAN CONTENT CANNOT EXCEED 20% OF THE TOTAL CEMENT CONTENT.
  - REINFORCING STEEL BARS: ASTM A-615, GRADE 60
  - WELDED WIRE FABRIC: ASTM A-185, MATS ONLY
  - PROVIDE ADEQUATE REINFORCING STEEL CONCRETE COVER AS CAST AGAINST AND EXPOSED TO EARTH 3"; FORMED, BUT EXPOSED TO EARTH 2".
  - PROVIDE CONTROL JOINTS IN ALL SLABS ON GRADE. THE MAXIMUM SPACING OF JOINTS SHALL BE 15'-0" O.C. IN A SQUARE PATTERN, UNLESS NOTED.
  - PLACE WELDED WIRE FABRIC IN SLABS ON GRADE 1-1/2" BELOW TOP OF SLAB.
  - CONCRETE EXPOSED TO WEATHER, PARKED VEHICLES, AND/OR TRUCKS SHALL CONTAIN 6% (+2%) ENTRAINED AIR BY VOLUME.
  - CALCIUM CHLORIDE OR CHLORIDE CONTAINING ADJUSTERS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.
  - SEE THE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND SITE DRAWINGS FOR DIMENSIONS AND DETAILS REQUIRED FOR CONCRETE WORK NOT SHOWN ON STRUCTURAL DRAWINGS.
  - WALL CONSTRUCTION JOINTS ARE TO BE 60"-0" ON CENTER, UNLESS NOTED OTHERWISE. CONSTRUCTION JOINTS ARE TO BE NEAR THE CENTER OF THE SPAN.
  - FILL ALL COLUMN AND BEAM POCKETS WITH CONCRETE AFTER ALL COLUMNS AND BEAMS ARE IN PLACE.
  - ALL CONCRETE SLABS ON GRADE ARE TO REST ON 8" OF COMPACTED GRANULAR FILL, SUBGRADES TO BE PREPARED AS SPECIFIED IN GEOTECHNICAL REPORT.
  - PIPES AND CONDUITS RUNNING HORIZONTAL IN SLABS SHALL NOT HAVE O.D. GREATER THAN 1/3 THE SLAB THICKNESS AND SHALL NOT BE SPACED CLOSER THAN (3) DIAMETERS ON CENTER.
  - LAP ALL REINFORCING BAR SPLICES 36 BAR DIAMETERS MINIMUM.
  - BEND ALL HORIZONTAL BARS 36 BAR DIAMETERS FAST EACH CORNER OR PROVIDE EQUIVALENT CORNER BARS MATCHING HORIZONTAL REINFORCING.
  - REINFORCING BAR SPLICES AND EMBEDMENT LENGTH ARE TO CONFORM TO THE LATEST CRS HANDBOOK COMPLYING WITH ACI 308 CODE OF LATEST ISSUE, UNLESS OTHERWISE NOTED.
  - ALL SPLICES IN REINFORCING ARE TO BE CLASS "B", UNLESS NOTED OTHERWISE. CONSIDER ALL HORIZONTAL BARS AS "TOP BARS". STAGGER SPLICES WHERE POSSIBLE.
  - PROVIDE TWO (2) #6 BARS AROUND ALL OPENINGS IN CONCRETE WALLS (UNLESS NOTED OTHERWISE).
  - ALL SLABS ON GRADE, SLABS ON METAL FORMS AND PLANK TOPPING ARE TO BE REINFORCED WITH #6 W2.9xW2.9 WELDED WIRE MESH, UNLESS NOTED OTHERWISE. SPLICES ARE TO BE PER CRS HANDBOOK LATEST EDITION.
  - TERMINATE ALL BARS IN ACCORDANCE ACI-308 CODE OF LATEST ISSUE, WITH A HOOK IF REQUIRED EMBEDMENT CANNOT BE OBTAINED. D. CONCRETE FIELD QUALITY CONTROL:
- TEST CYLINDERS, FOUR FROM EACH FOUR OF 50 CUBIC YARDS OR LESS, MORE FREQUENTLY IF REQUIRED BY ENGINEER.
    - EACH SET OF FOUR CYLINDERS, TWO BROKEN AT 7 DAYS, TWO AT 28 DAYS.
    - SAMPLING, ASTM C 172.
    - CURING AND CURE SPECIMENS, ASTM C 31.
    - TESTING METHOD, ASTM C 39.
    - TESTING BY LABORATORY APPROVED BY ENGINEER, ALL COST AT EXPENSE OF OWNER.
  - LOAD TEST, COMPRESSION TEST OF CORED SAMPLE AND REMOVAL AND REPLACEMENT OF FAULTY WORK MAY BE REQUIRED SHOULD ANY PORTION OF WORK SHOW LOW TEST RESULTS, WHEN LOAD TESTED IN ACCORDANCE WITH ACI CODE.
  - COMPACTION TESTING BY LABORATORY APPROVED BY ENGINEER, ALL COST AT EXPENSE OF OWNER.
    - ALL SOILS TO AT LEAST 5 FEET BELOW FINISHED FLOOR SHALL BE COMPACTED TO 95% MINIMUM DENSITY PER ASTM D597.
    - SELECT GRANULAR FILL SHALL CONSIST OF WELL-GRADED RUN-OF-BANK GRAVEL PRODUCT CONFORMING TO ALL REQUIREMENTS OF MCDOT SPECIFICATION 304-2.02. GRADATION TYPE 3.
    - FILL TO BE COMPACTED ON LIFTS NOT EXCEEDING 8" LOOSE THICKNESS.
    - MINIMUM NUMBER OF TESTS SHALL BE 1 PER LIFT/PER EACH BAY OR MORE FREQUENTLY IF REQUIRED BY ENGINEER.
- E. SUBMITTALS**
- CONCRETE MIX DESIGNS FOR EACH TYPE OF CONCRETE TO BE USED.
  - SHOP DRAWINGS FOR ALL PERTINENT CONCRETE REINFORCING.
  - TEST REPORTS OF ALL TESTS SPECIFIED.
- COMPACTION TESTS
  - TEST CYLINDERS, FOUR FROM EACH FOUR 50 YARD 3 OR LESS, MORE FREQUENTLY IF REQUIRED BY ENGINEER. TWO BROKEN AT 7 DAYS, TWO AT 28 DAYS.
- F. SPECIAL INSPECTIONS**
- 1. CONTRACTOR'S RESPONSIBILITY**
- TO FACILITATE SPECIAL INSPECTION AND TESTING SERVICES, THE CONTRACTOR SHALL:
  - FURNISH TO THE SPECIAL INSPECTOR SUCH SAMPLES OF MATERIALS AS MAY BE NECESSARY FOR TESTING PURPOSES.
  - FURNISH SUCH CASUAL LABOR, EQUIPMENT AND FACILITIES AS IS NECESSARY TO OBTAIN AND HANDLE SAMPLES AT THE PROJECT.
  - ADVISE THE SPECIAL INSPECTOR SUFFICIENTLY IN ADVANCE OF OPERATIONS TO ALLOW FOR COMPLETION OF TESTS AND FOR THE ASSIGNMENT OF PERSONNEL.
  - PROTECT AND MAINTAIN FOR THE SOLE USE OF THE SPECIAL INSPECTOR, ADEQUATE FACILITIES FOR SAFE STORAGE AND PROPER CURING OF CONCRETE TEST CYLINDERS ON THE PROJECT SITE FOR THE FIRST 24 HOURS AS REQUIRED BY ASTM C31-89.
  - MAINTAIN RECORDS AT THE PROJECT SITE SHOWING THE DATE AND EXTENT OF EACH CONCRETE PLACEMENT.
  - PROVIDE SAFE ACCESS TO ITEMS TO BE INSPECTED AND/OR TESTED. THIS INCLUDES SHEETING AND LADDERS FOR DEEP EXCAVATION, SCAFFOLDING AND LADDERS FOR INSPECTION AND TESTING OF SUPERSTRUCTURE ITEMS.
  - IF ANY PORTION OF THE WORK SHOWS LOW TEST RESULTS, EVIDENCE OF DETRIMENTAL PLACING OR CURING CONDITIONS, THE OWNER MAY REQUIRE ADDITIONAL TESTING, COMPACTION, CORED SAMPLES OR RE-WELDING AT THE CONTRACTOR'S EXPENSE.

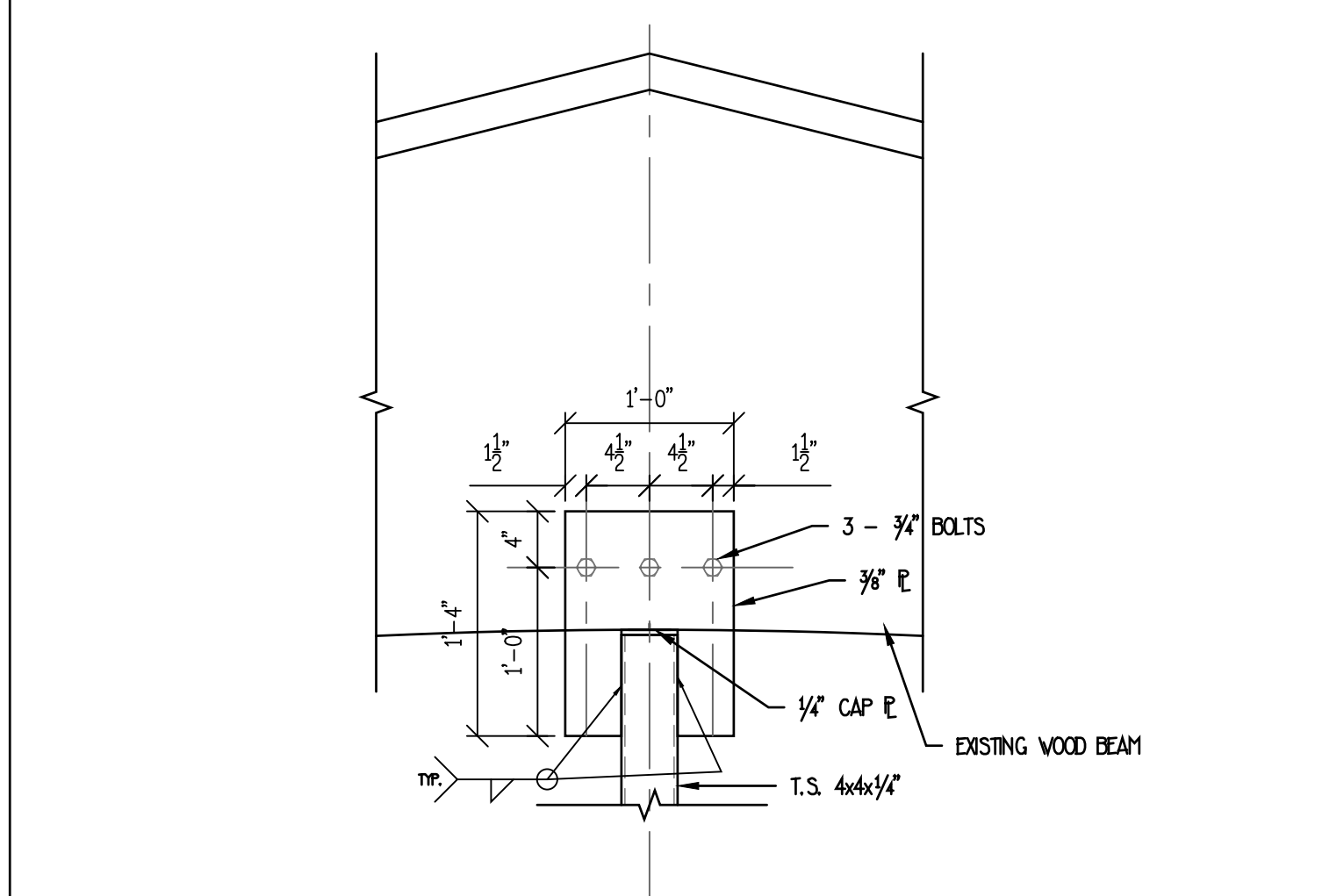


1 GENERAL NOTES N.T.S.

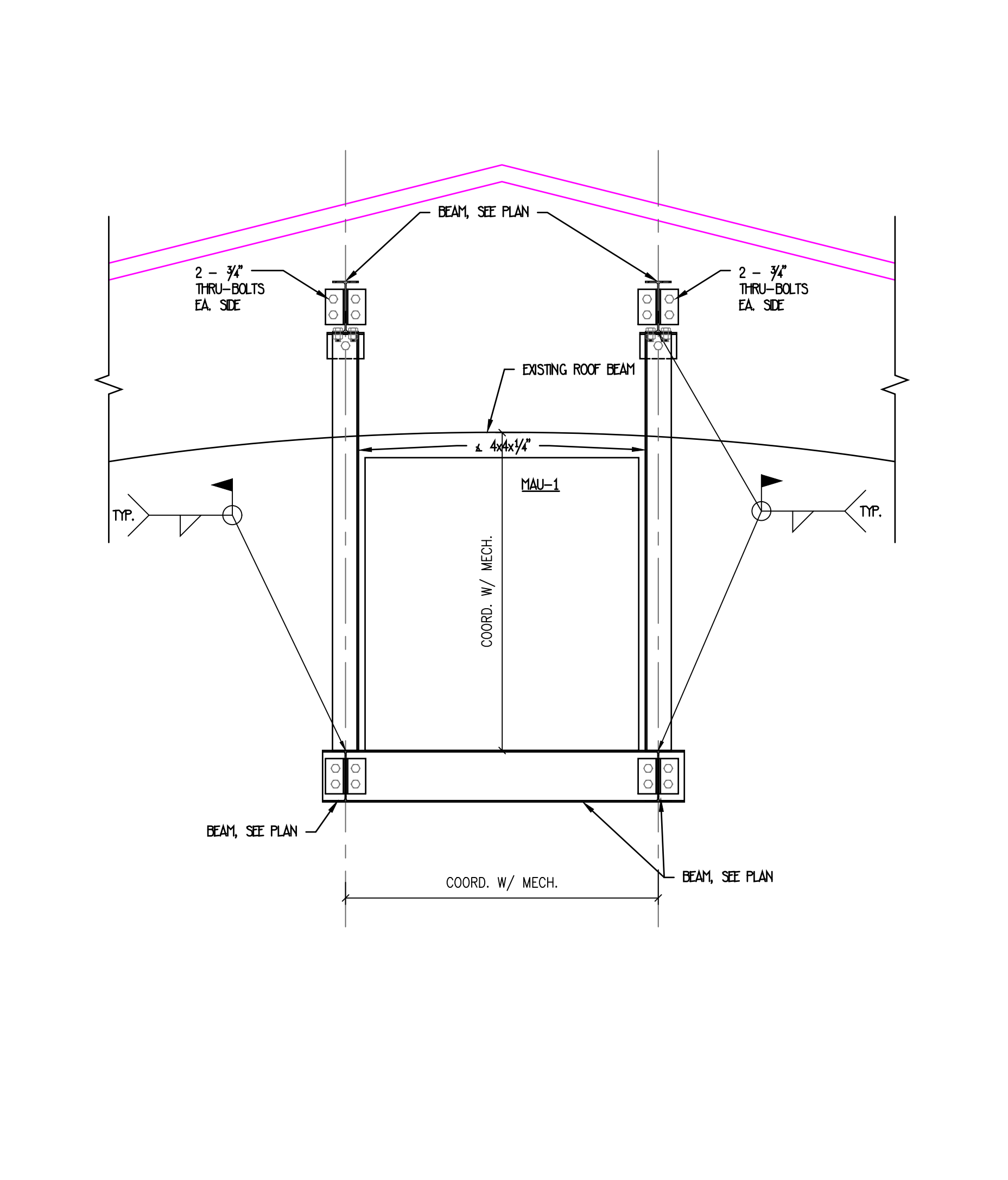
2 EXISTING ROOF FRAMING PLAN N.T.S.



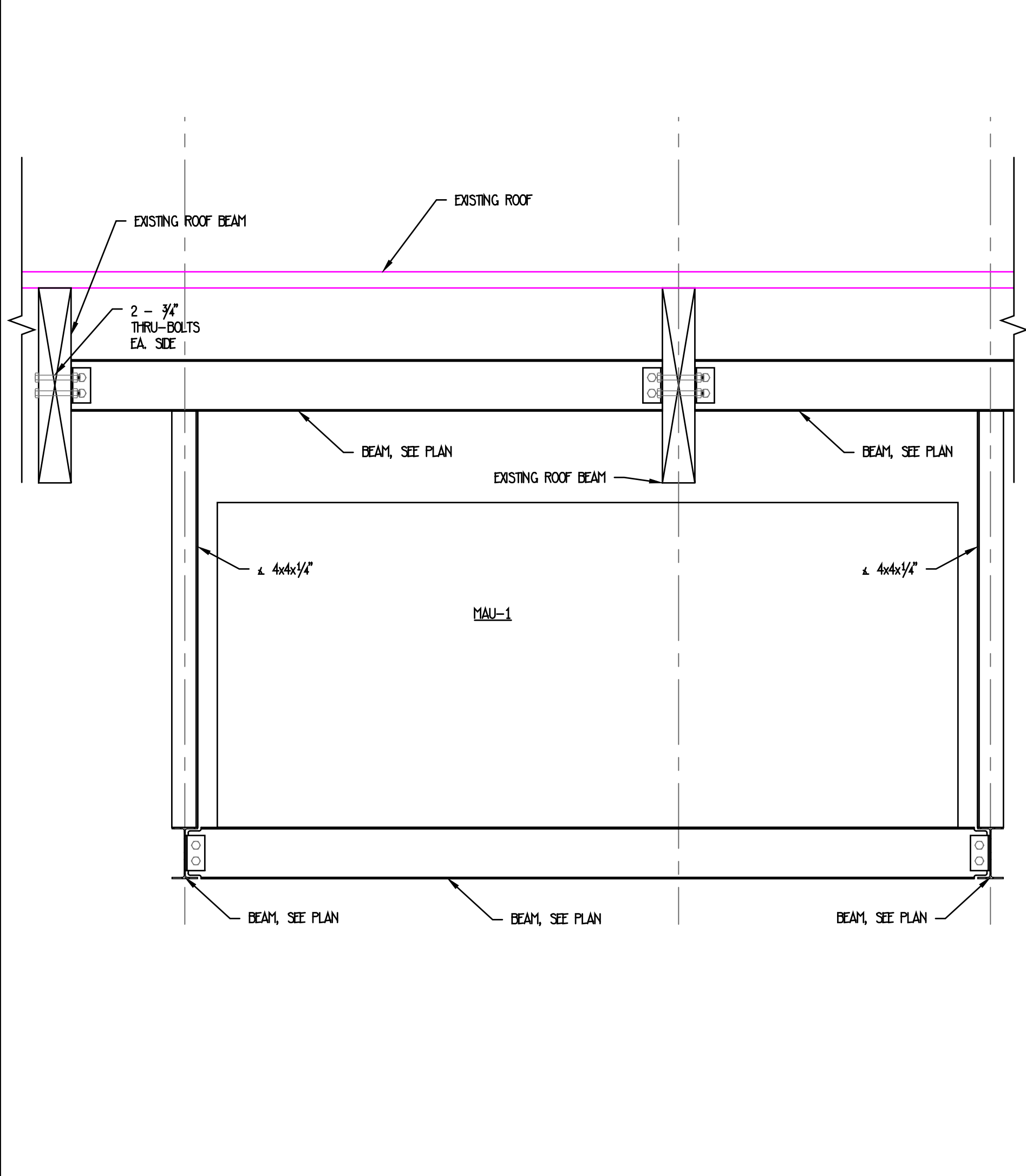
3 SECTION @ COLUMN CONNECTION TO EXISTING WOOD BEAM N.T.S.



5 SECTION @ COLUMN CONNECTION TO EXISTING ROOF BEAM N.T.S.



6 SECTION @ MECHANICAL UNIT SUPPORT N.T.S.



7 SECTION @ MECHANICAL UNIT SUPPORT N.T.S.

4 FULL HEIGHT SECTION @ NEW STEEL COLUMN N.T.S.

Revision:	No.	Date:	Issued For:
Project Number:	T.O.D.18		
Drawn By:			
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Scale:	AS SHOWN		



LP GAS HOT WATER HEATER SCHEDULE						
UNIT TAG	SERVICE	LOCATION	FUEL	INPUT (BTU/H)	BASIS OF DESIGN	NOTES
DHW-A	BUILDING	MECHANICAL 102	LP GAS	180	A.O SMITH TANKLESS MODEL # A11-340H-N	A, B
DHW-B	BUILDING	MECHANICAL 102	LP GAS	160	A.O SMITH TANKLESS MODEL # A11-240H-N	A, B

**NOTES:**

- COORDINATE WITH ELECTRICAL CONTRACTOR.
- PROVIDE 2" PVC PIPING EXHAUST AND INTAKE VENT PIPING UP THROUGH ROOF.

BACKFLOW PREVENTER SCHEDULE					
UNIT TAG	TYPE	SERVICE	SIZE	BASIS OF DESIGN	NOTES
BFP-A	REDUCED PRESSURE ZONE (RPZ)	DOMESTIC WATER SERVICE	2"	WATTS MODEL #LF909	A
BFP-B	DUAL CHECK VALVE	ICE MAKER/COFFEE	1/2"	WATTS MODEL #LF7R	A

**NOTES:**

- PROVIDE BACKFLOW PREVENTER MANUFACTURER'S AIR GAP FITTING ON RELIEF VALVE DISCHARGE.

GREASE INTERCEPTOR					
UNIT TAG	SERVICE	PIPE SIZE (IN)	HOLDING CAPACITY GALLONS	BASIS OF DESIGN	NOTES
G-I-A	BUILDING	4"	750	JENSEN PRECAST MODEL # JP750G	A

**NOTES:**

- REFER TO SPECIFICATION SECTION 221323.

ELECTRIC HOT WATER HEATER SCHEDULE							
UNIT TAG	SERVICE	LOCATION	AMP	VOLT	PHASE	BASIS OF DESIGN	NOTES
DHW-C	TOILET ROOMS	JAN T-03	12	120	1	EEMAX MODEL # EMT6	A

**NOTES:**

- COORDINATE WITH ELECTRICAL CONTRACTOR.

CLEANOUT SCHEDULE						
UNIT TAG	TYPE	PIPE SIZE (IN)	OUTLET TYPE	ACCESS COVER TYPE	BASIS OF DESIGN	NOTES
CO-A	FLOOR PLATE	2 7/8" x 4"	NO HUB	ROUND	J.R. SMITH MODEL # 4020	A
CO-B	WALL PLATE	SEE PLANS	HUBLESS TEE	ROUND STAINLESS STEEL	J.R. SMITH MODEL # 4710	-

**NOTES:**

- PROVIDE CARPET MARKER WHERE APPLICABLE.

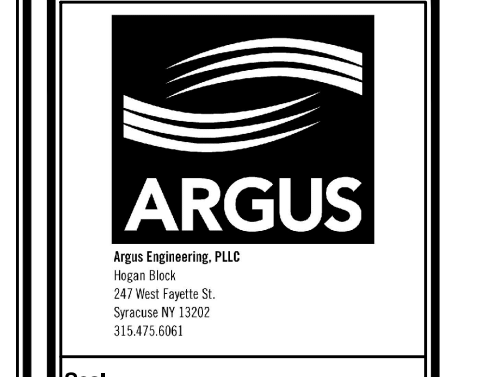
WATER HAMMER ARRESTOR SCHEDULE					
UNIT TAG	PDI DESIGNATION / REFERENCE	SIZE (IN)	CAPACITY (FITURE UNITS)	BASIS OF DESIGN	NOTES
WHA-A	A	1/2"	1-11	PRECISION PLUMBING PRODUCTS SC-500	-
WHA-B	B	3/4"	12-32	PRECISION PLUMBING PRODUCTS SC-750	-
WHA-C	B	1"	33-60	PRECISION PLUMBING PRODUCTS SC-750	-

- ### GENERAL NOTES
- PROVIDE ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY ALL APPLICABLE CODES AND REGULATIONS.
  - CONTRACT DOCUMENT DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
  - INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS AND ALL APPLICABLE CODES AND REGULATIONS.
  - COORDINATE CONSTRUCTION OF ALL WORK WITH ARCHITECTURAL, AND ELECTRICAL WORK, SHOWN ON OTHER CONTRACT DRAWINGS.
  - ALL PRESSURE TESTS SHALL BE COMPLETED BEFORE ANY PIPE INSULATION IS APPLIED.
  - WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF EQUIPMENT ARE REQUIRED, THE PRODUCT OF ONE MANUFACTURER SHALL BE USED.
  - COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS BEFORE FABRICATION.
  - THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS SHALL BE DETERMINED BY THE PROJECT SITE CONDITIONS AND SHALL BE VERIFIED BY THE PLUMBING CONTRACTOR BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS.
  - ALL MISCELLANEOUS STEEL REQUIRED TO ENSURE PROPER INSTALLATION AND AS SHOWN IN DETAILS FOR PIPING AND EQUIPMENT, UNLESS OTHERWISE NOTED, SHALL BE FURNISHED AND INSTALLED.
  - ALL PIPING SUPPORTED FROM STRUCTURAL STEEL SHALL BE COORDINATED WITH GENERAL CONTRACTOR. ALL ATTACHMENTS TO STEEL BAR JOISTS, TRUSSES OR JOIST GIRDERS SHALL BE AT PANEL POINTS. PROVIDE BEAM CLAMPS MEETING MSS STANDARDS.
  - ALL PIPING SHALL BE SUPPORTED AS SPECIFIED AND AS REQUIRED TO PROVIDE A VIBRATION FREE INSTALLATION.
  - ALL PIPING SUPPORTED FROM STRUCTURE SHALL BE COORDINATED WITH GENERAL CONTRACTOR.
  - ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION.
  - ALL CLEANOUTS SHALL BE FULL SIZE OF PIPE FOR PIPE SIZES 4 INCHES AND SMALLER.
  - ALL PIPING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES INVOLVED. OFFSETS IN PIPING AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST.
  - LOCATIONS AND SIZES OF ALL FLOOR AND WALL OPENINGS SHALL BE COORDINATED WITH ALL OTHER TRADES.
  - ALL OPENINGS IN FIRE-RATED ASSEMBLIES DUE TO PIPING, CONDUIT, ETC., SHALL BE FIRE-STOPPED.
  - RUN ALL SANITARY AND VENT PIPING WITH 1% MINIMUM GRADE UNLESS OTHERWISE NOTED. HORIZONTAL VENT PIPING SHALL BE PITCHED TO DRIP BACK TO THE SOIL OR WASTE PIPE BY GRAVITY.
  - INSTALL PIPING SO THAT ALL VALVES AND OTHER APPURTENANCES REQUIRING SERVICE ARE ACCESSIBLE.
  - INSTALL ALL PIPING WITHOUT FORCING OR SPRINGING.
  - ALL PIPING SHALL BE INSTALLED TO CLEAR DOORS AND WINDOWS.
  - THE APPROXIMATE LOCATION OF EXISTING UNDERGROUND UTILITIES IS SHOWN. THE PLUMBING CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE PLUMBING CONTRACTOR SHALL PAY FOR AND REPAIR ALL DAMAGES CAUSED BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
  - ALL WORK SHALL CONFORM TO ALL APPLICABLE RULES, REGULATIONS, CODES AND STANDARDS, INCLUDING, BUT NOT LIMITED TO BUILDING CODE OF NEW YORK STATE, NFPA, FEDERAL, STATE, COUNTY AND CITY ORDINANCES, CODES, LAWS AND REGULATIONS.
  - CONTRACTOR SHALL VISIT SITE AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO STARTING ANY WORK. NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES. STARTING WORK INDICATES ACCEPTANCE OF EXISTING CONDITIONS.
  - ALL TRADES SHALL APPLY AND PAY FOR ALL NECESSARY PERMITS AND INSPECTIONS REQUIRED AND SUBMIT COPIES OF PERMITS TO THE ENGINEER BEFORE ANY WORK BEGINS.
  - ALL UNUSED HOLES THROUGH EXISTING WALLS AND EXISTING FLOORS SHALL BE PATCHED AND FINISHED TO MATCH EXISTING CONDITIONS.
  - MAINTAIN A MAXIMUM OF 6"-8" CLEARANCE TO UNDERSIDE OF PIPES AND SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOM.
  - PROTECT ALL EXISTING EQUIPMENT, FINISHES, ETC., FROM DAMAGE DURING CONSTRUCTION.
  - CONTRACTOR TO VERIFY EXACT DEPTH OF EXISTING SANITARY SEWER AND WATER SERVICE MAIN. NOTIFY ENGINEER OF INVERT ELEVATION OF POINT OF PROPOSED CONNECTION.
  - PROVIDE ALL REQUIRED CONTROL WIRING AND CONDUIT, INSTALL IN ACCORDANCE WITH NATIONAL ELECTRIC CODE, ELECTRICAL CODE OF NEW YORK STATE, AND ALL APPLICABLE CODES AND REGULATIONS.

LEGEND		
SYMBOL	DESCRIPTION	ABBR.
	CAP	-
	BALL VALVE	-
	FLOOR PLATE CLEANOUT	CO-X
	WALL PLATE CLEANOUT	CO-X
	WATER HAMMER ARRESTOR	WHA-X
	BACKFLOW PREVENTER	BFP-X
	FLOOR DRAIN	FD-X
	ROOF DRAIN	RD-X
	PIPE CLEANOUT	CO
	TRAP PRIMER VALVE	-
	P-TRAP	-
	PIPING OR ELEMENT TO BE REMOVED	-
	COLD WATER PIPING	CW
	HOT WATER PIPING (110°F)	HW
	GREASE WASTE PIPING	GW
	SANITARY PIPING	SAN
	VENT PIPING	V
	PIPE UP	-
	PIPE DOWN	-
	PIPING UNDERGROUND (BURIED)	-
	DE-IONIZED WATER	DI
	DOMESTIC WATER HEATER	DWH
	PLUMBING FIXTURE	PF-X
	ABOVE FINISHED FLOOR / ABOVE FINISHED GRADE	AFF / AFG
	BELOW FINISHED FLOOR / BELOW FINISHED GRADE	BFF / BFG
	UNLESS NOTED OTHERWISE	UNO
	NOT IN CONTRACT	NIC
	NOT TO SCALE	NTS
	NORMALLY OPEN / NORMALLY CLOSED	NO / NC
	CONTRACTOR FOR GENERAL CONSTRUCTION DIVISION	GC
	CONTRACTOR FOR ELECTRICAL DIVISION	ELEC
	CONTRACTOR FOR HEATING, VENTILATING & AIR COND. DIV.	HVAC
	CONTRACTOR FOR PLUMBING DIVISION	PC
	CONTRACTOR FOR FIRE PROTECTION DIVISION	FP
	OWNER FURNISHED & OWNER INSTALLED	OFOI
	OWNER FURNISHED & CONTRACTOR INSTALLED	OFCI
	TEMPERATURE	T
	DAMPER MOTOR	DM
	DIFFERENTIAL PRESSURE	DP
	HERTZ	Hz
	HORSEPOWER	HP
	INCHES	IN
	BRITISH THERMAL UNITS (1000'S)	MBH
	NOT IN CONTRACT	NIC
	NOT TO SCALE	NTS
	NORMALLY OPEN / NORMALLY CLOSED	NO / NC
	ELECTRIC WALL HEATER	EWX
	PACKAGED AIR CONDITIONING UNIT	PTAC-X
	POINT OF CONNECTION - NEW TO EXISTING	-
	POINT BETWEEN EXISTING TO REMAIN AND EXISTING TO BE REMOVED	-
	KEYED NOTE REFERENCE: REFERS TO CORRESPONDING NUMBER ON RESPECTIVE DRAWING OR DETAIL	-

**NOTE:**  
THESE ARE STANDARD SYMBOLS AND ABBREVIATIONS AND MAY NOT APPEAR ON THE PROJECT DRAWINGS. HOWEVER, WHEREVER THE SYMBOL OR ABBREVIATION APPEARS ON THE PROJECT DRAWINGS, THE ITEM SHALL BE FURNISHED AND INSTALLED.

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**Willis V. Carrier Recreation Center - Phase 3**  
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Revision:	No.	Date	Issued For
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Date: December 16, 2024			
Drawing: LEGEND, GENERAL NOTES AND SCHEDULES			
Sheet Number: P1			

WALL HYDRANT SCHEDULE						
UNIT TAG	TYPE	SERVICE	INSTALLATION / MOUNTING	SIZE	BASIS OF DESIGN	NOTES
WH-A	INTERIOR WALL FAUCET	MECHANICAL ROOM	SURFACE/ EXPOSED	3/4"	WOODFORD MODEL #824	A, B
WH-B	NON-FREEZE	BUILDING EXTERIOR	RECESSED (BOX ENCLOSURE)	3/4"	WOODFORD MODEL #863	B, C, D

**NOTES:**

- MOUNT 18" ABOVE FLOOR.
- PROVIDE WITH ASSE 1052 COMPLIANT BACKFLOW PREVENTER ON HOSE CONNECTION.
- COORDINATE WALL THICKNESS WITH G.C.
- MOUNT 24" ABOVE GRADE.

ELECTRIC WALL HEATER SCHEDULE									
UNIT TAG	AREA SERVED	CAPACITY (BTU/H)	ELECTRICAL DATA					BASIS OF DESIGN	NOTES
			VOLTAGE	PHASE	Hz	WATTS	AMPS		
EWX-1	JANITOR CLOSET	16380	208	1	60	4800	23.1	Q-MARK AWH450B	A, B, C

**NOTES:**

- PROVIDE SURFACE-MOUNTED UNIT.
- PROVIDE UNIT WITH WHITE FINISH, LOW VOLTAGE RELAY, TRANSFORMER KIT, INTEGRAL DISCONNECT AND INTEGRAL TAMPERPROOF THERMOSTAT.
- REFER TO SPECIFICATION SECTION 238239.19.

FLOOR SINK SCHEDULE						
UNIT TAG	SERVICE	PIPE SIZE (IN)	OUTLET TYPE	STRAINER SIZE	BASIS OF DESIGN	NOTES
FS-A	SEE PLANS	4"	NO-HUB	12x12x8 SS 1/2 GRATE	ZURN MODEL #ZS-21901-2-23-32	A, B, C

**NOTES:**

- REFER TO SPECIFICATION SECTION 221319.
- PROVIDE SEDIMENT BUCKET.
- PROVIDE TRAP SEAL (BASIS OF DESIGN: SURESEAL OR APPROVED EQUAL).

FLOOR DRAIN SCHEDULE						
UNIT TAG	SERVICE	PIPE SIZE (IN)	OUTLET TYPE	STRAINER HEAD	BASIS OF DESIGN	NOTES
FD-A	SEE PLANS	SEE PLANS	SPEEDI-SET	8" SQUARE NICKEL BRONZE	J.R. SMITH 200SL-B-NB	A, B
FD-B	JANITOR'S CLOSET MECHANICAL ROOM	SEE PLANS	SPEEDI-SET	8" SQUARE NICKEL BRONZE	J.R. SMITH 200SL-B-NB	A, B

**NOTES:**

- REFER TO SPECIFICATION SECTION.
- PROVIDE WITH SEDIMENT BUCKET.

PACKAGED TERMINAL AIR CONDITIONER SCHEDULE																		
UNIT TAG	SERVICE	LOCATION	AIRFLOW (CFM)	MINIMUM OA (CFM)	EER	ELECTRIC HEATING PERFORMANCE DATA			COOLING PERFORMANCE DATA				MOTOR DATA	BASIS OF DESIGN	NOTES			
						TOTAL (MBH)	RW	AMPS	EDB (°F)	EWB (°F)	TOTAL (MBH)	SENSIBLE (MBH)				HP	VOLTS	PHASE (Hz)
PTAC-A	PRESS BOX	SEE PLANS	300	70	11.2	-	5.0	21	80	67	9	-	-	208	1	60	ARMANA MODEL # 093G	A, B, C, D, E, F, G, H, I

**NOTES:**

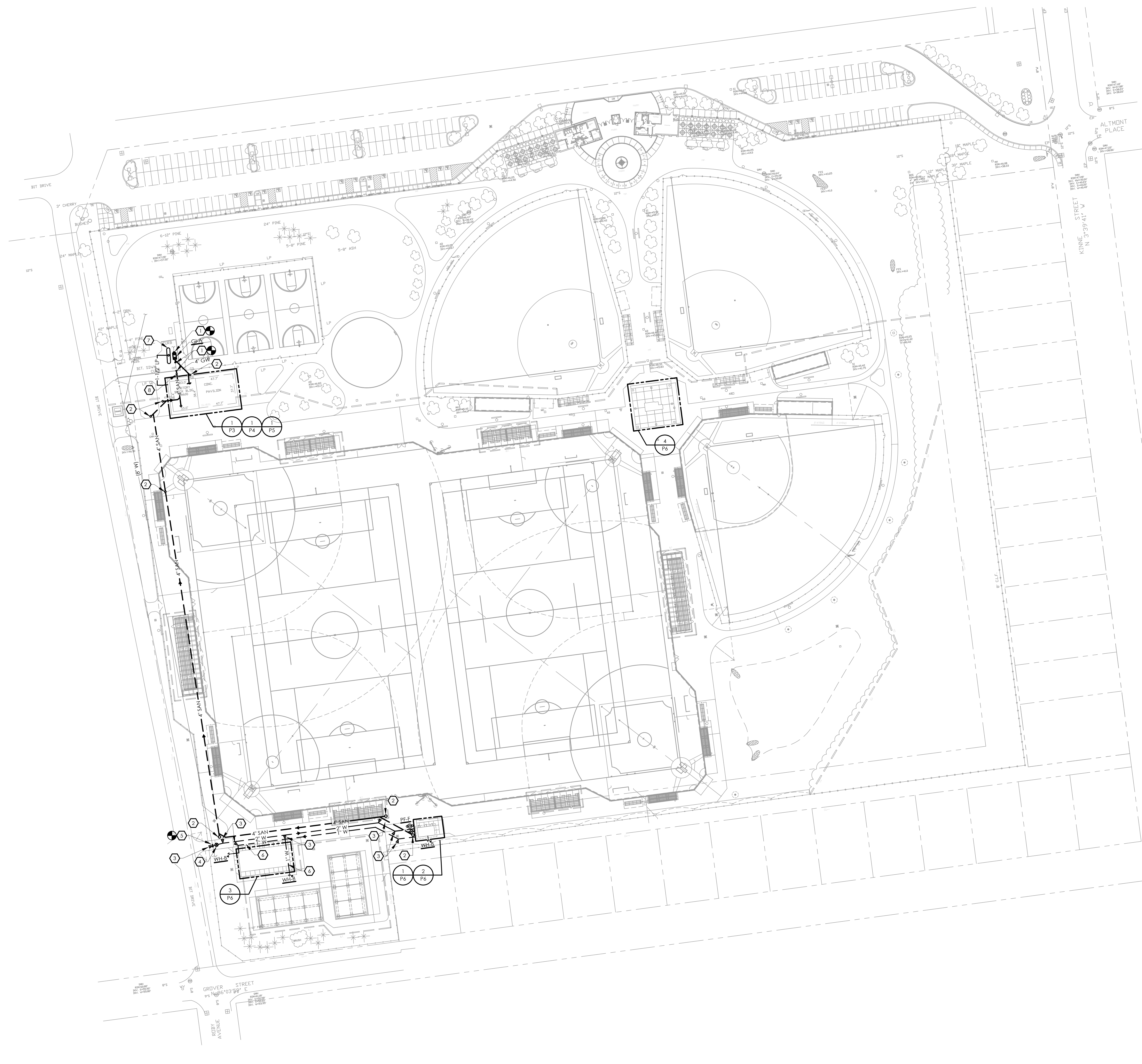
- REFER TO SPECIFICATIONS.
- COOLING PERFORMANCE BASED UPON 95°F OUTDOOR AMBIENT AIR TEMPERATURE.
- FURNISH UNIT WITH FILTER AND INSULATED WALL SLEEVE.
- VERIFY WALL SLEEVE THICKNESS PRIOR TO ORDERING EQUIPMENT.
- AIRFLOW INDICATED IS FOR FAN ON HIGH SPEED.
- FURNISH UNIT WITH LOW AMBIENT CONTROL AND COMPRESSOR LOCKOUT BELOW 40°F.
- FURNISH UNIT WITH FREEZE PROTECTION TO OVERRIDE THERMOSTAT AND ENABLE ELECTRIC HEAT IF ROOM TEMPERATURE FALLS BELOW 60°F.
- UNIT SHALL BE COMPLETELY INTERNALLY WIRED FOR A SINGLE POINT CONNECTION, AND FURNISHED WITH ELECTRICAL DISCONNECT.
- PROVIDE ARCHITECTURAL OUTDOOR GRILLE.

PLUMBING FIXTURE / EQUIPMENT ROUGH-IN SCHEDULE																		
UNIT TAG	DESCRIPTION	ROUGH-IN CONNECTIONS				FIXTURE	CARRIER / SUPPORT	FAUCET / FLUSH / SHOWER VALVE	BASIS OF DESIGN							NOTES		
		SAN	VENT	CW	HW				SUPPLIES	TRAP	TRIM	DRAIN FITTING	MISC.	ACCESSORIES				
PF-A	WALL MOUNTED BARRIER-FREE FLUSH VALVE WATER CLOSET	4"	2"	1"	-	AMERICAN STANDARD MODEL # 2257-528	-	SLOAN MODEL # 1111-1.28	-	-	-	-	-	-	-	SEAT: COMFORT SEATS MODEL #C110SSC-00	A	
PF-B	WALL MOUNTED - STD. HEIGHT FLUSH VALVE WATER CLOSET	4"	2"	1"	-	AMERICAN STANDARD MODEL # 2257-528	-	SLOAN MODEL # 1111-1.28	-	-	-	-	-	-	-	SEAT: COMFORT SEATS MODEL #C110SSC-00	A	
PF-C	WALL - MOUNTED ACCESSIBLE URINAL	1-1/2"	1-1/2"	3/4"	-	AMERICAN STANDARD MODEL # 6590.510	J.R. SMITH MODEL # 0616	SLOAN MODEL # 8186-0.5	-	-	-	-	-	-	-	-	MOUNT AT HANDICAPPED HEIGHT	A
PF-D	WALL - MOUNTED STANDARD HEIGHT URINAL	1-1/2"	1-1/2"	3/4"	-	AMERICAN STANDARD MODEL # 6590.510	J.R. SMITH MODEL # 0616	SLOAN MODEL # 8186-0.5	-	-	-	-	-	-	-	-	MOUNT AT STANDARD HEIGHT	A
PF-E	DROP-IN LAVATORY (VITROLIS CHINA) BARRIER FREE	1-1/2"	1-1/2"	1/2"	1/2"	AMERICAN STANDARD MODEL # 0427.446EC	J.R. SMITH MODEL # 0700	MOEN MODEL # 8894	MCCUIRE MODEL # 2167LK	MCCUIRE MODEL # 8912C	MCCUIRE MODEL # 155WC	MCCUIRE MODEL # 103-EZ	TRIBRO DRAIN AND SUPPLY COVERS	MOEN MODEL # 104451 THERMOSTATIC MIXING VALVE	-	-	A	
PF-F	WALL-HUNG LAVATORY BARRIER FREE	1-1/2"	1-1/2"	1/2"	1/2"	AMERICAN STANDARD MODEL # 0356.041	J.R. SMITH MODEL # 0700	MOEN MODEL # 8894	MCCUIRE MODEL # 2167LK	MCCUIRE MODEL # 8912C	MCCUIRE MODEL # 155WC	MCCUIRE MODEL # 103-EZ	TRIBRO DRAIN AND SUPPLY COVERS	MOEN MODEL # 104451 THERMOSTATIC MIXING VALVE	-	-	A	
PF-G	MOP SERVICE BASIN	3"	1-1/2"	3/4"	3/4"	FIAT MODEL MSB-2424	-	MOEN MODEL # 8232	-	-	-	-	-	-	-	VINYL BUMPER GUARD - FIAT MODEL # E77-AA MOP BRACKET - FIAT MODEL # 889-CC	A	
PF-H	BARRIER-FREE OUTDOOR DRINKING FOUNTAIN/BOTTLE FILLER	1-1/2"	-	3/4"	-	ELKAY MODEL # ELK420BF1UFRK	-	-	-	-	-	-	-	-	-	-	A, B	
PF-J	DUAL HEIGHT ELECTRIC WATER COOLER	1-1/2"	1-1/2"	1/2"	-	ELKAY MODEL # E21SLWSLK	-	-	-	-	-	-	-	-	-	-	A	

**NOTES:**

- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF FIXTURES.
- PROVIDE DIRECT BURY FOUNTAIN ADAPTER KIT. COORDINATE WITH OTHERS FOR POURING FOR CONCRETE.





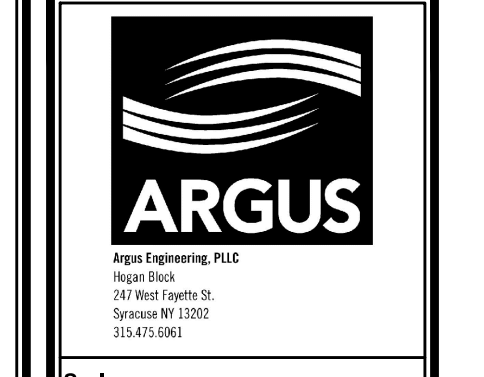
**KEYED NOTES:**

- 1 CONNECT NEW 4" SANITARY PIPING TO EXISTING 4" SANITARY PIPING.
- 2 PROVIDE 4" CLEANOUT FLUSH WITH GRADE.
- 3 THRUST BLOCK. REFER TO DETAIL 6/P9-D.
- 4 PROVIDE CURB VALVE BOX FLUSH WITH GRADE.
- 5 CONNECT NEW 2" WATER PIPING TO EXISTING 8" WATER PIPING.
- 6 EXTEND 1" COLD WATER PIPING TO NON-FREEZE WALL HYDRANT.
- 7 UNDERGROUND LP STORAGE TANK FURNISHED AND INSTALLED BY OWNER'S VENDOR.
- 8 4" GW PIPING UP TO GRADE CLEANOUT.
- 9 PROVIDE BUILDING TRAP.

**GENERAL DRAWING NOTES:**

- A. CONTRACTOR SHALL CONTACT SAFE-DIG BEFORE ANY WORK SHALL BEGIN.
- B. CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES COMPANIES.
- C. COORDINATE WITH LOCATIONS AND DEPTHS OF EXISTING UTILITIES.
- D. ALL TRENCHING, EXCAVATION, BACKFILL WILL BE PROVIDED BY THE SITE CONTRACTOR. PLUMBING CONTRACTOR SHALL INSTALL PIPING AND FITTINGS.
- E. SANITARY AND WATER PIPING SHALL BE MINIMUM OF 10'-0" APART.
- F. REFER TO CIVIL/SITE DRAWINGS FOR ADDITIONAL INFORMATION.
- G. PRIOR TO DEMOLITION THE PLUMBING CONTRACTOR SHALL PERFORM CAMERA INSPECTION OF ALL EXISTING UNDERSLAB DRAINAGE PIPING FROM POINT OF ORIGINAL AT THE MUNICIPAL SEWER BACK TO THE LAST FIXTURE IN THE EXISTING BUILDING. THE PLUMBING CONTRACTOR SHALL PROVIDE A DIGITAL RECORDING OF THE INSPECTION VIDEO TO THE ENGINEER WITHIN 48 HOURS OF COMPLETION.

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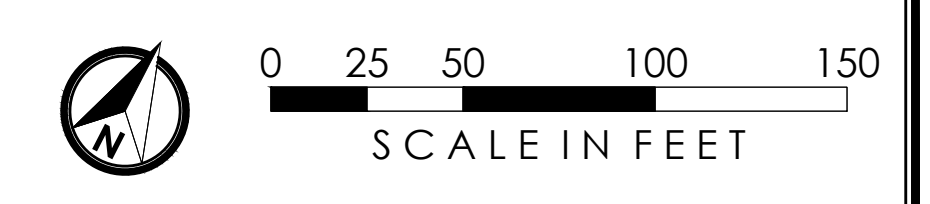


**Willis V. Carrier Recreation Center - Phase 3**  
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Revision:	No.	Date	Issued For:
Project Number:	XXX		
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Date: December 16, 2024  
Drawing Title: SITE PLAN  
Sheet Number: P2



1 SITE PLAN  
P1 SCALE: 1" = 50'-0"



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Syracuse, NY 13202  
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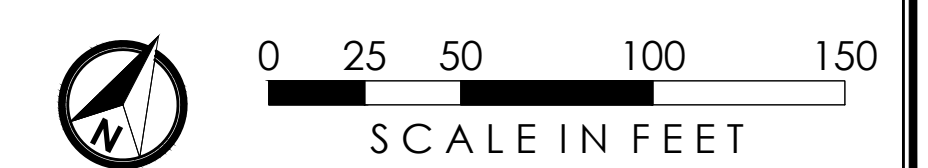
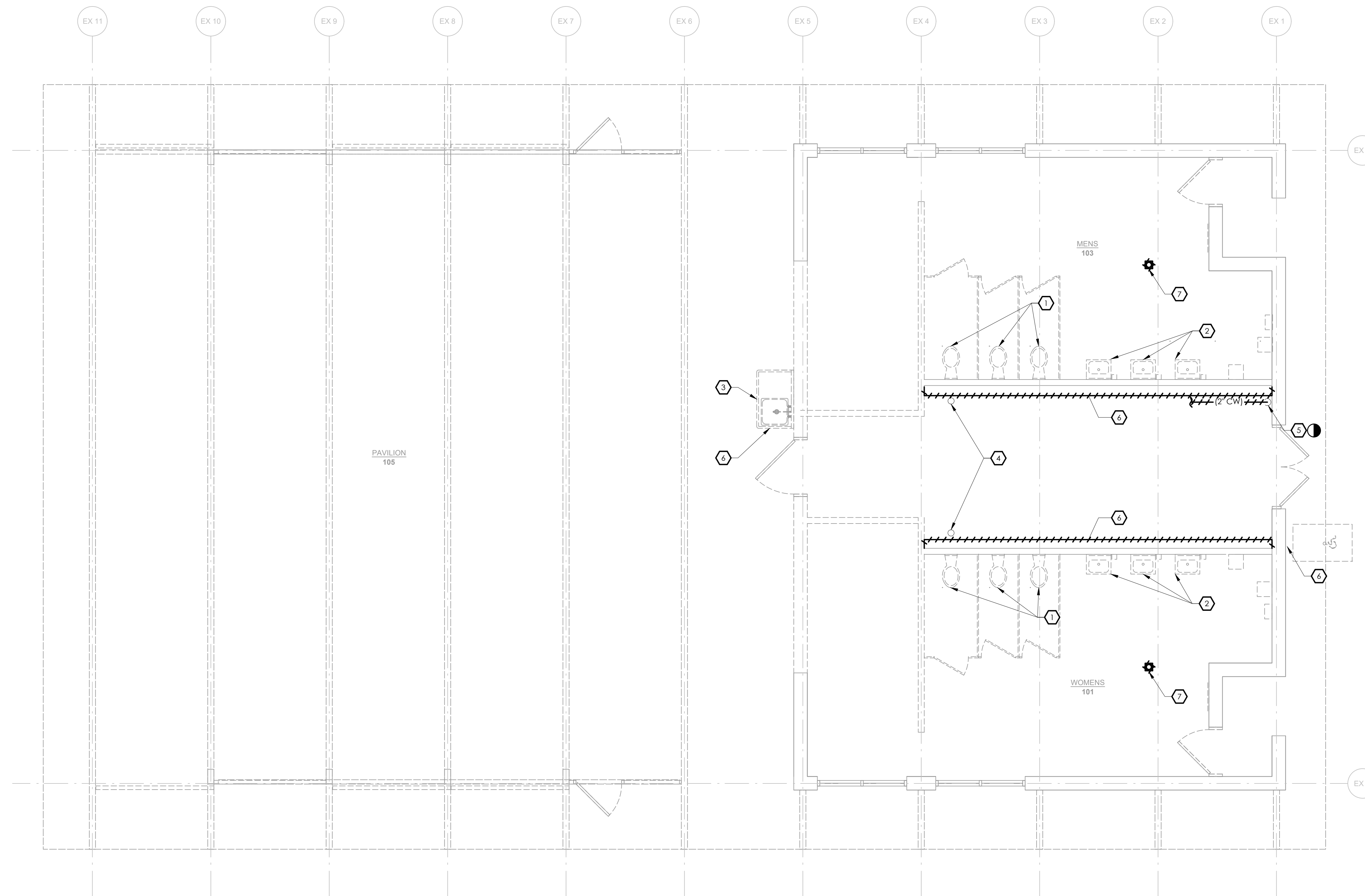
Sheet

**KEYED NOTES:**

- ① DISCONNECT AND REMOVE EXISTING WATER CLOSET FLUSH VALVE AND ASSOCIATED TRIM.
- ② DISCONNECT AND REMOVE EXISTING LAVATORY, FAUCET, AND ASSOCIATED TRIM.
- ③ DISCONNECT AND REMOVE EXISTING SINK, FAUCET, AND ASSOCIATED TRIM.
- ④ EXISTING 4" SAN PENETRATION THROUGH FLOOR TO REMAIN.
- ⑤ DISCONNECT AND REMOVE EXISTING INTERIOR WATER PIPING BACK TO POINT INDICATED.
- ⑥ DISCONNECT AND REMOVE ALL EXISTING DOMESTIC WATER, SANITARY AND VENT PIPING SERVING EXISTING FIXTURES.
- ⑦ PLUMBING CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING FLOOR DRAIN AND ASSOCIATED PIPING.

**GENERAL DRAWING NOTES:**

- A. COORDINATE SHUTDOWN OF EXISTING SYSTEMS WITH OWNER'S REPRESENTATIVE.
- B. PRIOR TO DEMOLITION THE PLUMBING CONTRACTOR SHALL PERFORM CAMERA INSPECTION OF ALL EXISTING UNDERSLAB DRAINAGE PIPING FROM POINT OF ORIGINAL AT THE MUNICIPAL SEWER BACK TO THE LAST FIXTURE IN THE EXISTING BUILDING. THE PLUMBING CONTRACTOR SHALL PROVIDE A DIGITAL RECORDING OF THE INSPECTION VIDEO TO THE ENGINEER WITHIN 48 HOURS OF COMPLETION.



**Willis V. Carrier Recreation Center - Phase 3**

Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Revision:	
No.	Date
Project Number:	XXX
Drawn By:	AJK
Checked By:	GLL
Scale:	

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Date: December 16, 2024

Project: PAVILION  
Demolition Plan

Sheet Number:  
**P3**



ARGUS  
Professional Engineer  
No. 1000  
21 West Fayette St.  
Syracuse, NY 13202  
(315) 476-1022

Scale:

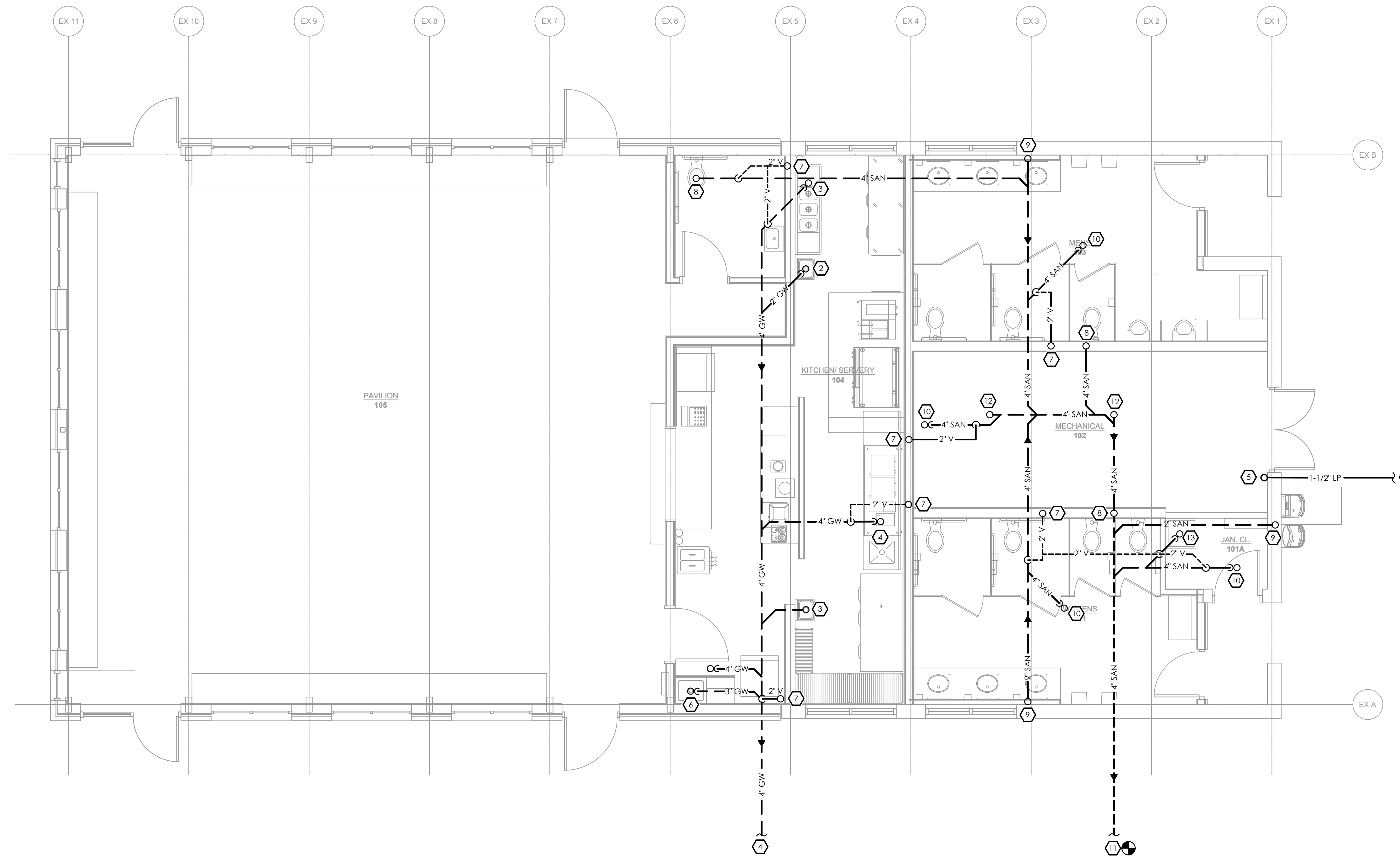
**Willis V. Carrier Recreation Center - Phase 3**  
Town of Dewitt  
1035 KINNIE STREET  
EAST SYRACUSE, NEW YORK 13057

**KEYED NOTES:**

- ① REFER TO DRAWING P2 FOR LP PIPING CONTINUATION TO STORAGE TANK.
- ② 2" GW PIPING UP.
- ③ 4" GW PIPING UP TO FLOOR SINK.
- ④ REFER TO DRAWING P2 FOR GW PIPING CONTINUATION TO INTERCEPTOR.
- ⑤ 1-1/2" LP PIPING UP.
- ⑥ 3" GW PIPING UP TO JANITOR'S CLOSET MOP SINK DRAIN.
- ⑦ 2" VENT PIPING UP.
- ⑧ 4" SAN PIPING UP.
- ⑨ 2" SAN PIPING UP.
- ⑩ 4" SAN PIPING UP TO FLOOR DRAIN.
- ⑪ CONNECT TO EXISTING 4" SAN PIPING.
- ⑫ PIPING UP TO FLOOR PLATE CLEANOUT.
- ⑬ 3" SAN PIPING UP TO JANITOR'S CLOSET MOP SINK DRAIN.

**GENERAL DRAWING NOTES:**

- A. PLUMBING CONTRACTOR SHALL COORDINATE ALL INVERT ELEVATIONS WITH THE SITE CONTRACTOR.
- B. PLUMBING CONTRACTOR SHALL VERIFY EXISTING LOCATION OF EXISTING UNDERFLOOR SANITARY PIPING MAIN.
- C. PRIOR TO DEMOLITION THE PLUMBING CONTRACTOR SHALL PERFORM CAMERA INSPECTION OF ALL EXISTING UNDERSLAB DRAINAGE PIPING FROM POINT OF ORIGINAL AT THE MUNICIPAL SEWER BACK TO THE LAST FIXTURE IN THE EXISTING BUILDING. THE PLUMBING CONTRACTOR SHALL PROVIDE A DIGITAL RECORDING OF THE INSPECTION VIDEO TO THE ENGINEER WITHIN 48 HOURS OF COMPLETION.



Revision:	No.	Date	Issued For
Project Number:	XXX		
Drawn By:	A.J.K.		
Checked By:	G.L.L.		
Scale:			

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Date: December 16, 2024  
Drawing Title: PAVILION UNDERFLOOR PLAN  
Sheet Number:



ARGUS  
100 West Division St.  
Syracuse, NY 13204  
315.478.1022

Sheet

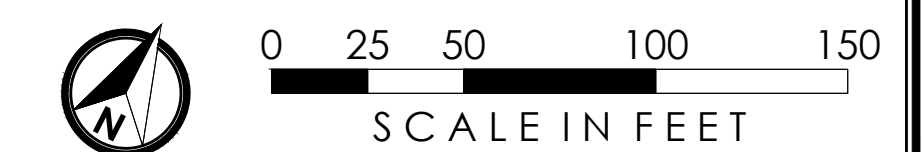
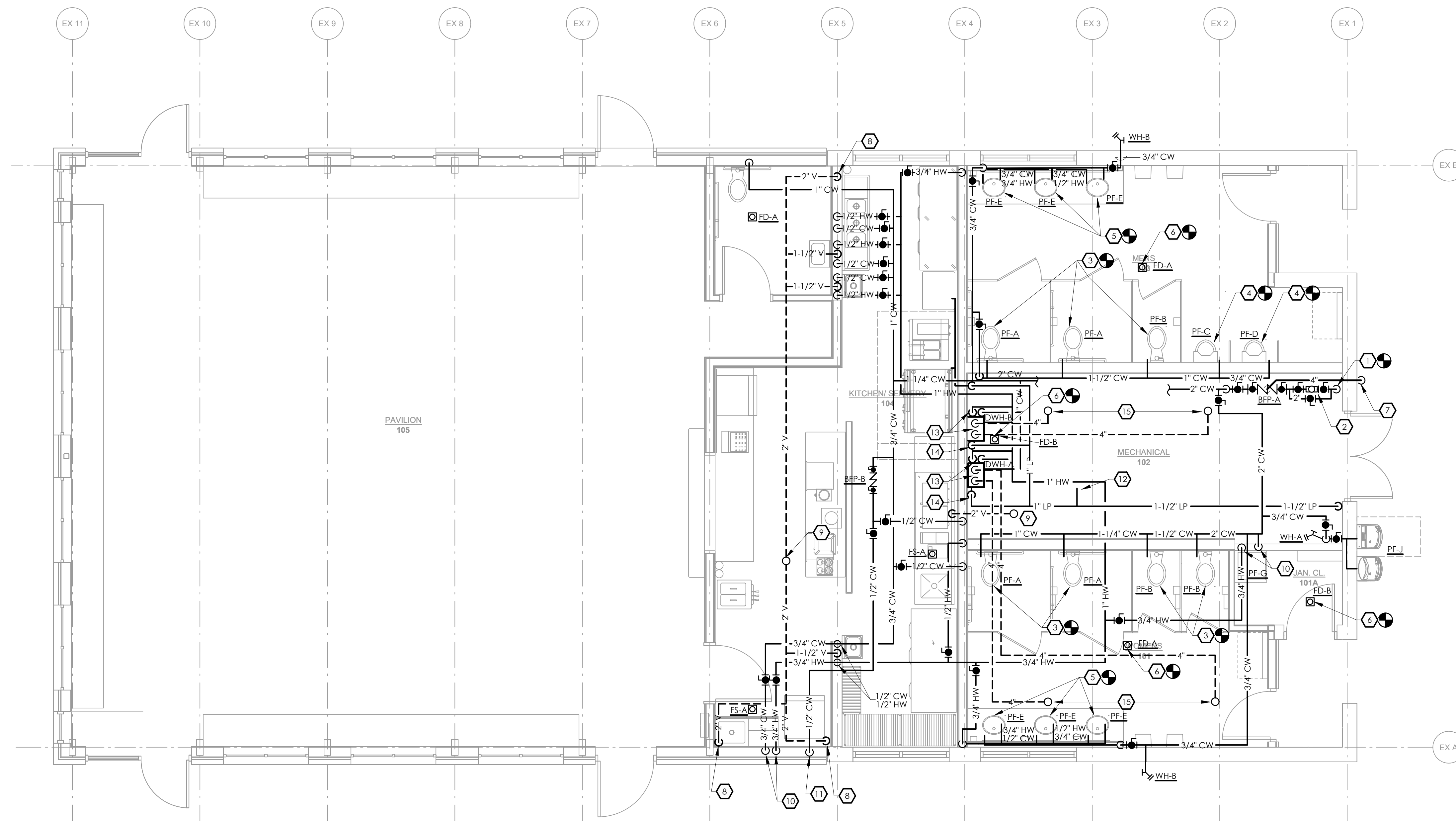
**Willis V. Carrier Recreation Center - Phase 3**  
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

**KEYED NOTES:**

- 1 CONNECT 2" CW PIPING TO EXISTING 2" CW PIPING.
- 2 PROVIDE WATER METER.
- 3 PROVIDE 4" SAN, 2" V AND 1" CW PIPING TO WATER CLOSET. CONNECT 4" SANITARY TO EXISTING 4" SANITARY PIPING MAIN.
- 4 PROVIDE 1-1/2" SAN, 1-1/2" V AND 3/4" CW PIPING TO URINAL. CONNECT 1-1/2" SANITARY TO EXISTING 4" SANITARY PIPING MAIN.
- 5 PROVIDE 1-1/2" SAN, 1-1/2" V, 1/2" CW AND 1/2" HW PIPING TO LAVATORY. CONNECT 1-1/2" SANITARY TO EXISTING 2" SANITARY PIPING MAIN.
- 6 PROVIDE 4" SAN AND 2" V PIPING TO FLOOR DRAIN. CONNECT 4" SANITARY TO EXISTING UNDERFLOOR 4" SANITARY PIPING MAIN.
- 7 PROVIDE 4" RFDZ DRAIN PIPING TO OUTDOORS. TERMINATE 18" AFG AND PROVIDE VERMIN SCREEN.
- 8 2" VENT PIPING DOWN.
- 9 2" VENT PIPING UP THROUGH ROOF.
- 10 3/4" CW AND 3/4" HW PIPING DOWN TO JANITOR'S CLOSET FAUCET.
- 11 1/2" CW PIPING DOWN TO ICE MAKER.
- 12 CONNECT 1" LP PIPING TO MUA-1.
- 13 3/4" CW AND 3/4" HW PIPING DOWN TO DWH.
- 14 CONNECT 3/4" LP PIPING TO DWH.
- 15 4" INTAKE AND 4" EXHAUST PIPING UP THROUGH ROOF. REFER TO 7/P6 FOR DETAIL.

**GENERAL DRAWING NOTES:**

- A. PLUMBING CONTRACTOR SHALL VERIFY EXISTING UNDERFLOOR SANITARY PIPING MAIN LOCATION PRIOR TO STATING WORK.

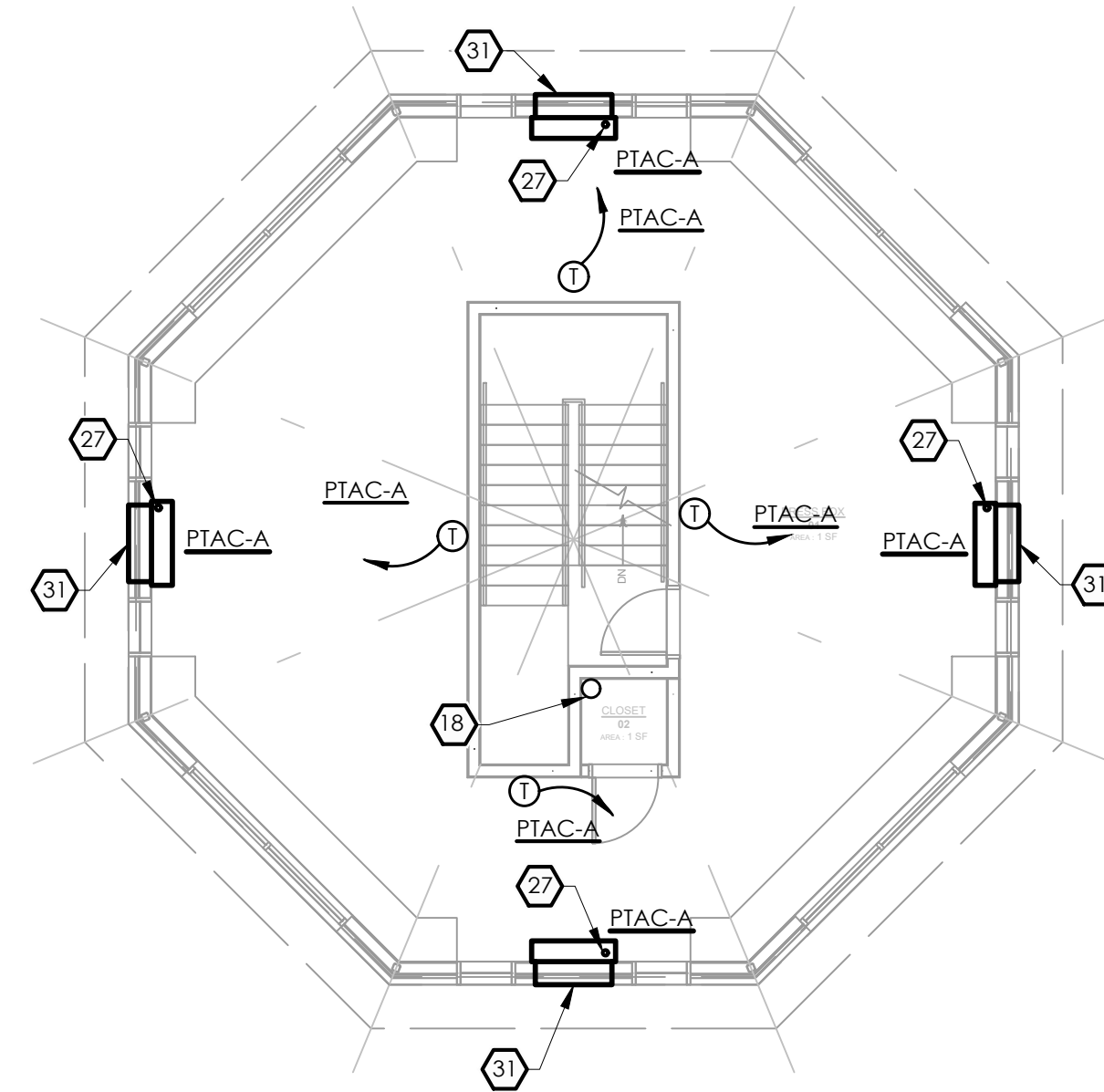


Revision:	No.	Date	Issued For
Project Number:	XXX		
Drawn By:	AJK		
Checked By:	GLL		
Scale:			

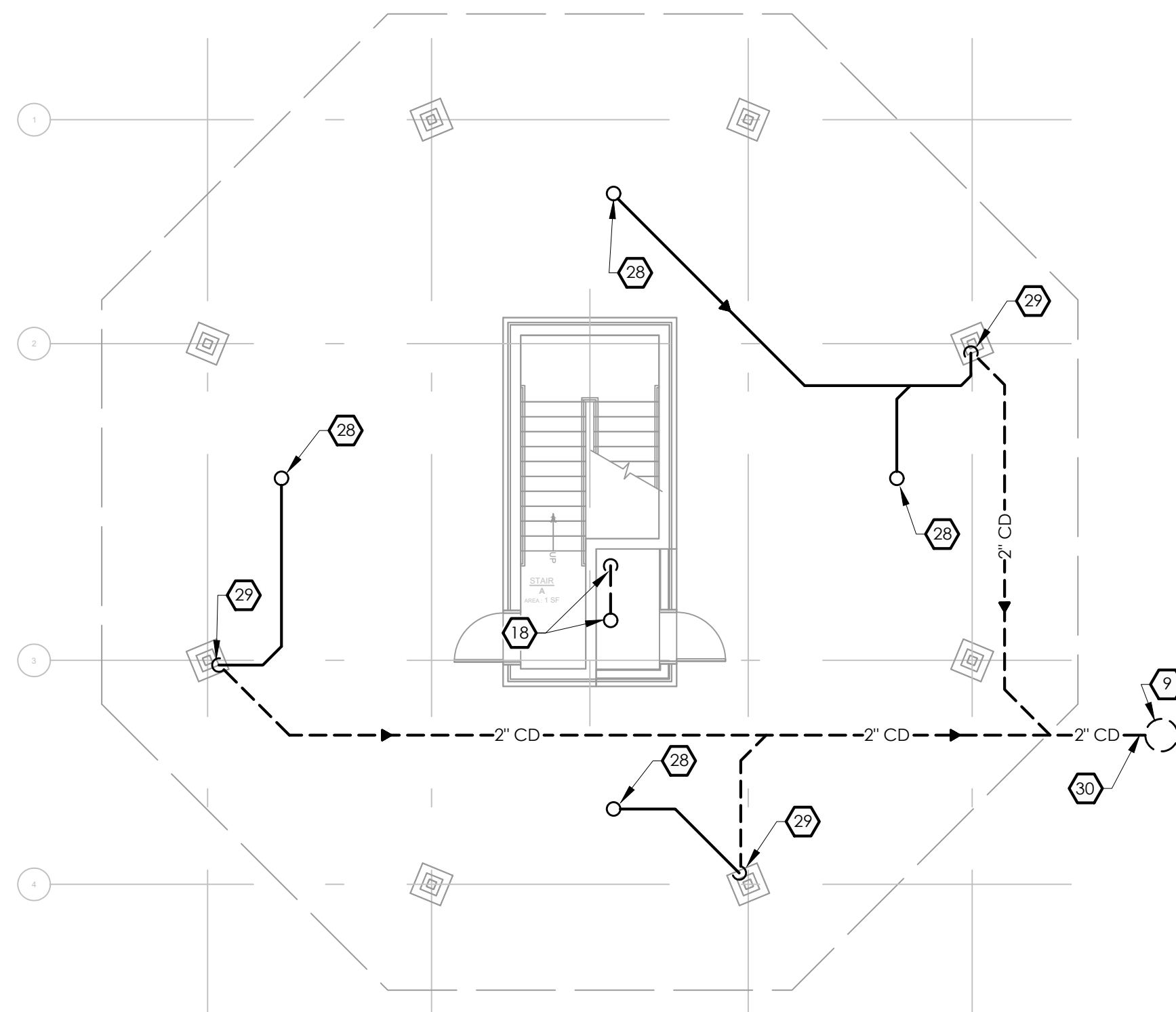
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DATE: December 16, 2024  
DRAWING: FLOOR PLAN

Sheet Number:  
**P5**



UPPER LEVEL

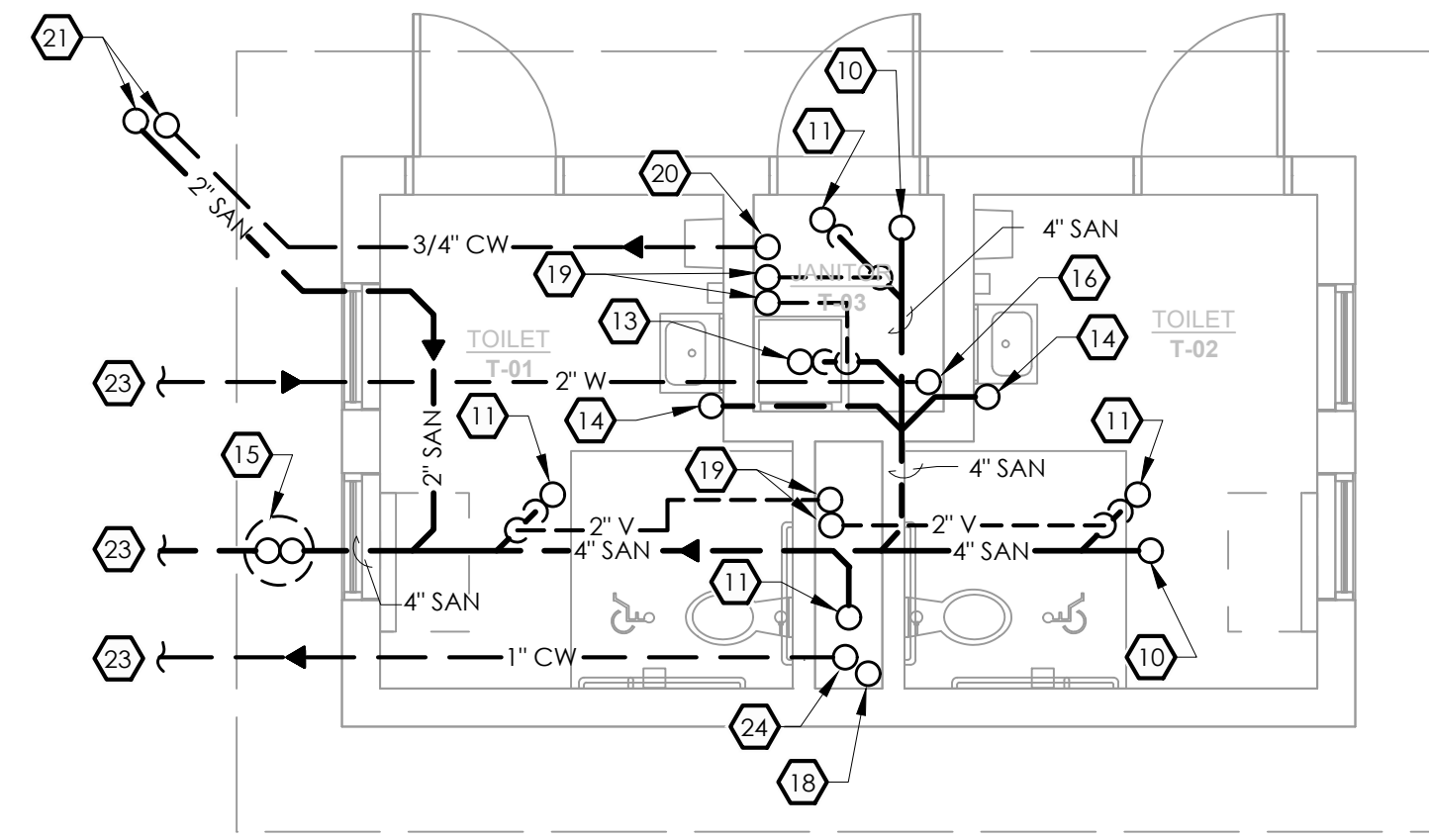


LOWER LEVEL



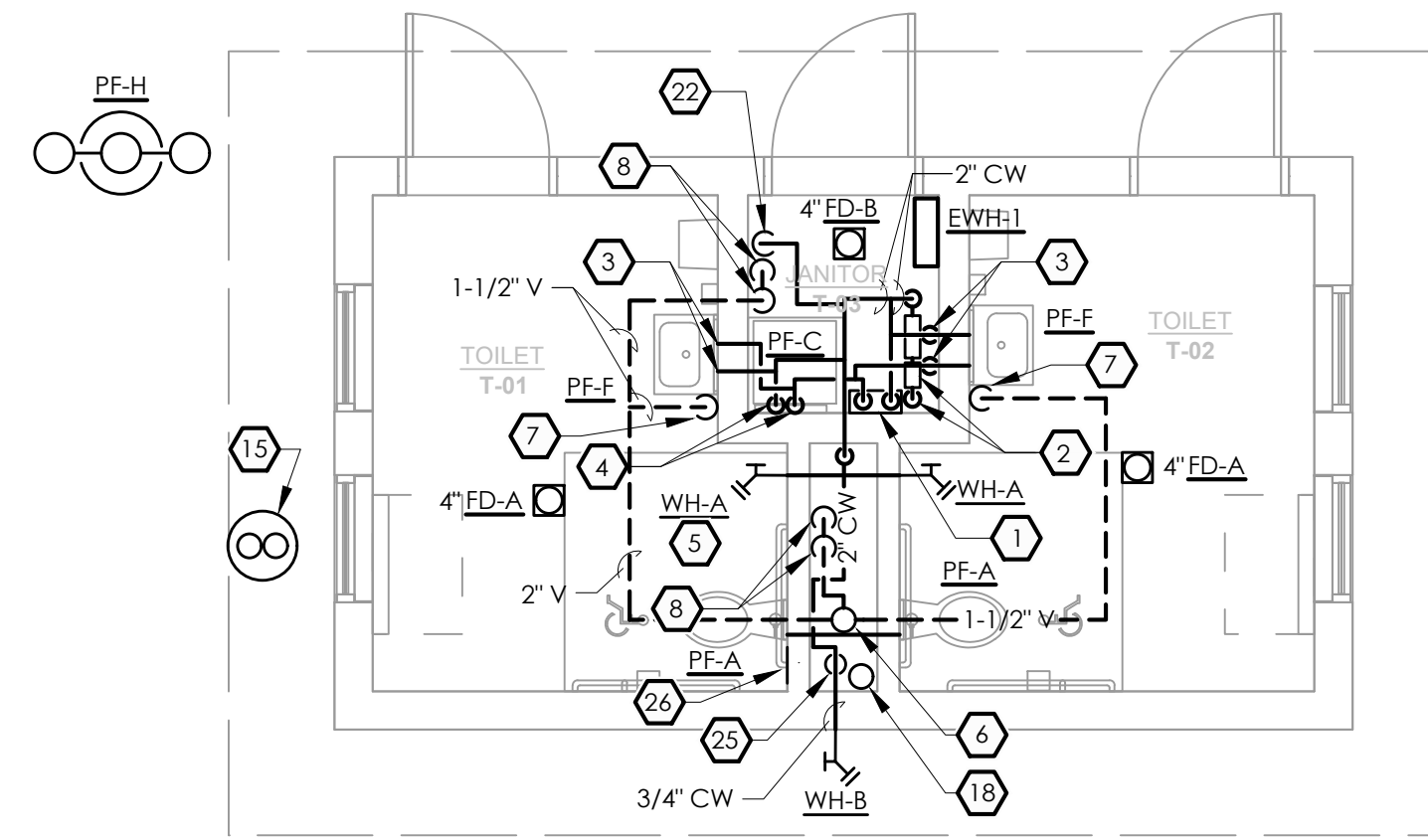
4 PRESS BOX

1/4" = 1'-0"



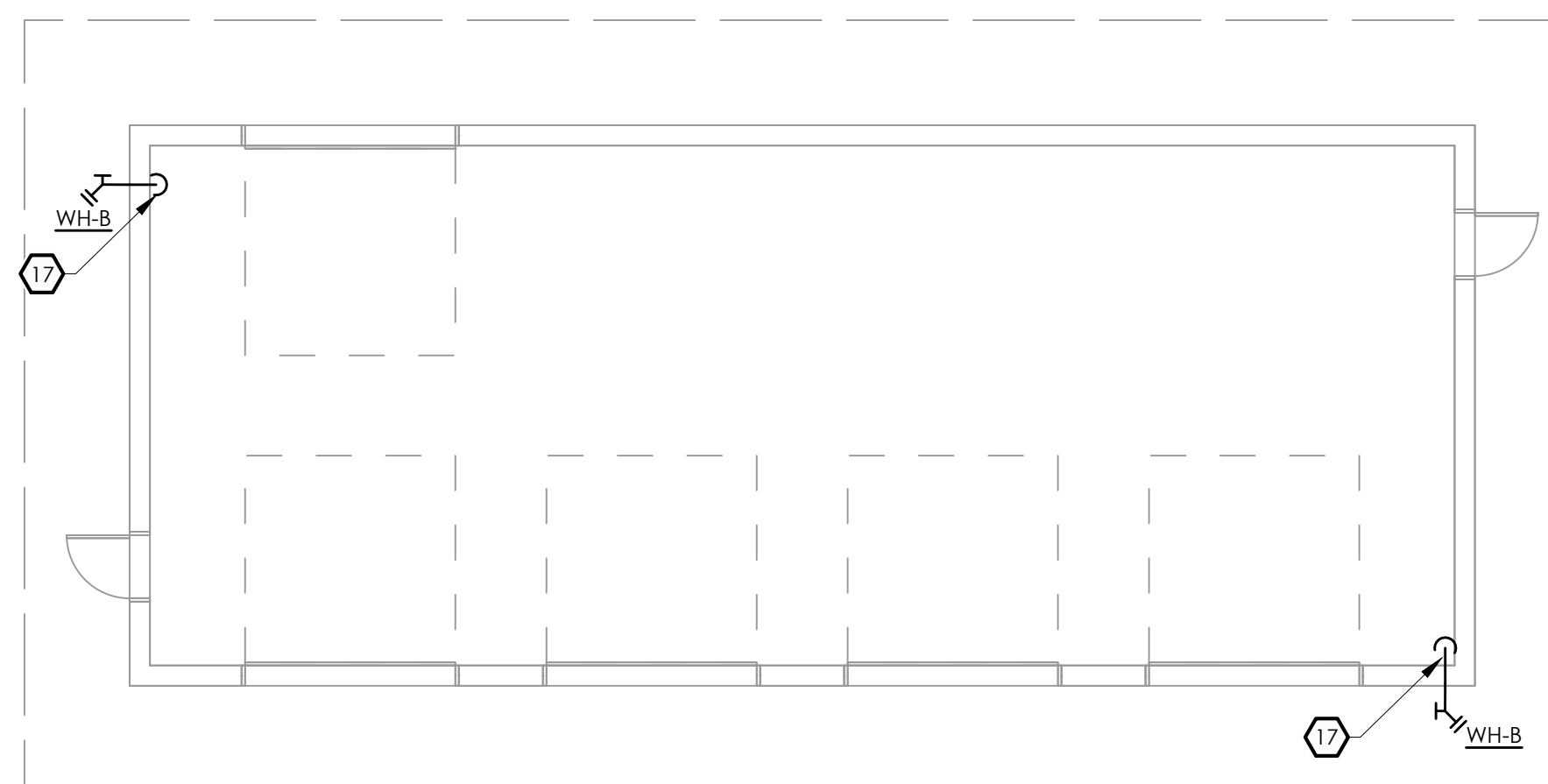
1 TOILET ROOMS - UNDERFLOOR

1/4" = 1'-0"



2 TOILET ROOMS - ABOVE FLOOR

1/4" = 1'-0"



3 MAINTENANCE BUILDING

1/8" = 1'-0"

KEYED NOTES:

- 1 DOMESTIC ELECTRIC WATER HEATER (DWH-C), MOUNTED ON WALL, COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT LOCATION.
- 2 DOMESTIC WATER PIPING DOWN, PROVIDE METER AND REDUCE PRESSURE BACKFLOW PREVENTER (BFP-A), EXTEND RPZ DRAIN TO MOP SERVICE BASIN.
- 3 1/2" COLD AND 1/2" HOT WATER PIPING TO PEF.
- 4 3/4" COLD AND 3/4" HOT WATER PIPING TO MOP SERVICE BASIN FAUCET.
- 5 DOMESTIC WATER PIPING DOWN, PROVIDE WATER HAMMER ARRESTER (WHA-B) AT TOP OF PIPE, EXTEND TO FIXTURES AND HOSE BIBBS.
- 6 VENT PIPING UP THRU ROOF.
- 7 SANITARY PIPING DOWN THROUGH FLOOR, 2" VENT RISE, EXTEND 1-1/2" SANITARY PIPING TO FIXTURE.
- 8 VENT PIPING DOWN.
- 9 2'-0" DIAMETER DRYWELL, REFER TO DETAIL.
- 10 PIPING UP TO FLOOR PLATE CLEANOUT.
- 11 SANITARY PIPING UP.
- 12 BUILDING VENT PIPING UP.
- 13 SANITARY PIPING UP.
- 14 SANITARY PIPING UP.
- 15 BUILDING TRAP, REFER TO DETAIL.
- 16 DOMESTIC WATER PIPING UP.
- 17 COLD WATER PIPING DOWN, 3/4" COLD WATER PIPING TO WHB.
- 18 SLAB VENT UP THRU ROOF, COORDINATE WITH G.C.
- 19 VENT PIPING UP.
- 20 3/4" CW PIPING UP.
- 21 SAN AND 3/4" COLD WATER PIPING UP TO OUTDOOR WATER COOLER.
- 22 3/4" COLD WATER PIPING DOWN.
- 23 REFER TO P2 FOR PIPING CONTINUATION.
- 24 CW PIPING UP.
- 25 1" CW PIPING DOWN THROUGH FLOOR, PROVIDE SHUTOFF VALVE.
- 26 PROVIDE ACCESS PANEL.
- 27 3/4" CONDENSATE PIPING DOWN.
- 28 3/4" CONDENSATE PIPING UP.
- 29 1-1/4" CONDENSATE PIPING DOWN.
- 30 EXTEND 2" CONDENSATE PIPING TO DRYWELL.
- 31 COORDINATE WITH ROUGH OPENING FOR INSTALLATION OF WALL SLEEVE, COORDINATE WITH ELECTRICAL AND PLUMBING CONTRACTOR.

GENERAL DRAWING NOTES:

- A. CONTRACTOR SHALL CONTACT SAFE-DIG BEFORE ANY WORK SHALL BEGIN.
- B. CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES COMPANIES.
- C. COORDINATE WITH LOCATIONS AND DEPTHS OF EXISTING UTILITIES.
- D. CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR ROUTING OF PIPING.
- E. CONTRACTOR SHALL COORDINATE WITH G.C. FOR PAINTING OF ALL PIPING.
- F. ALL PIPING SHALL BE PITCHED TO DRAIN VALVES, FOR COMPLETE DRAINAGE OF SYSTEM.
- G. COORDINATE LOCATION OF EQUIPMENT WITH STRUCTURAL, GENERAL CONTRACTOR, PLUMBING AND ELECTRICAL CONTRACTOR.
- H. ALL PIPING SHALL BE PITCHED BACK TO DRAIN VALVE, FOR EMPTYING THE SYSTEM.

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Sheet

Willis V. Carrier Recreation Center - Phase 3  
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Revision	No.	Date	Issued For

Project Number: XXX  
Drawn By: AJK  
Checked By: JWD  
Scale: NO SCALE

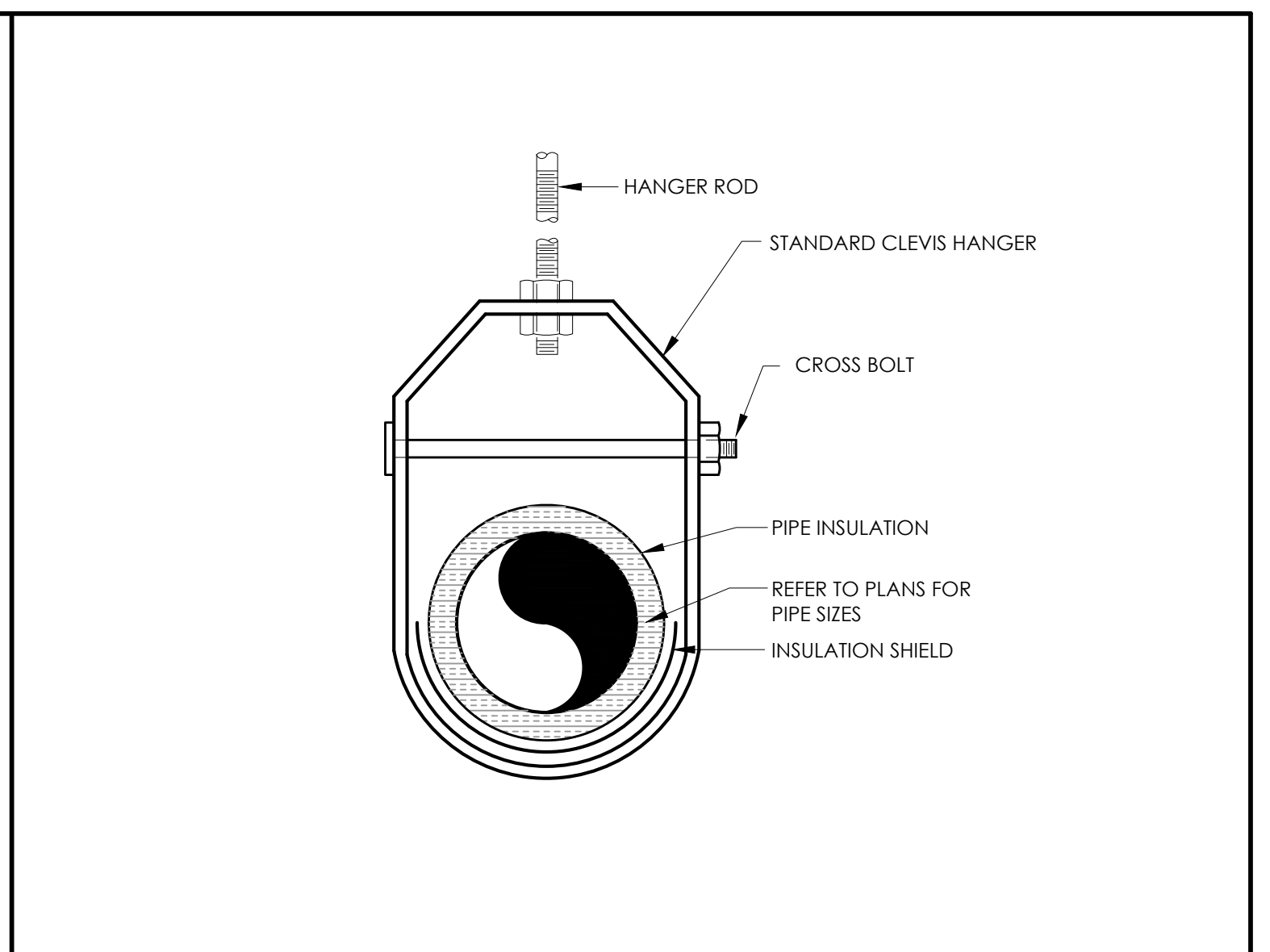
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100% December 16, 2024  
Drawing: MAINTENANCE, PRESS BOX AND TOILET ROOM PLANS

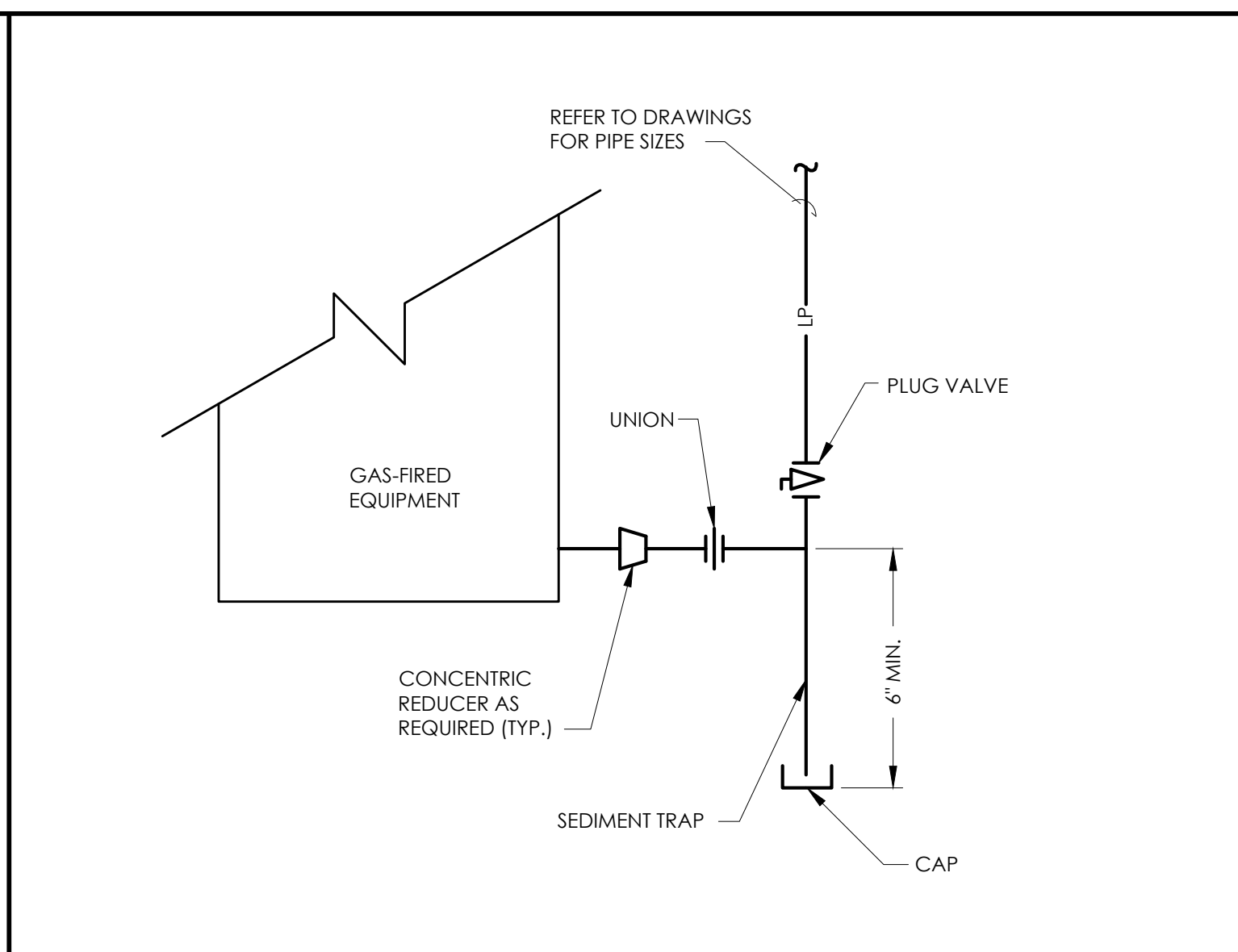
Sheet Number: P6

Revision	No.	Date	Issued For
1			REVISIONS 7-16-14

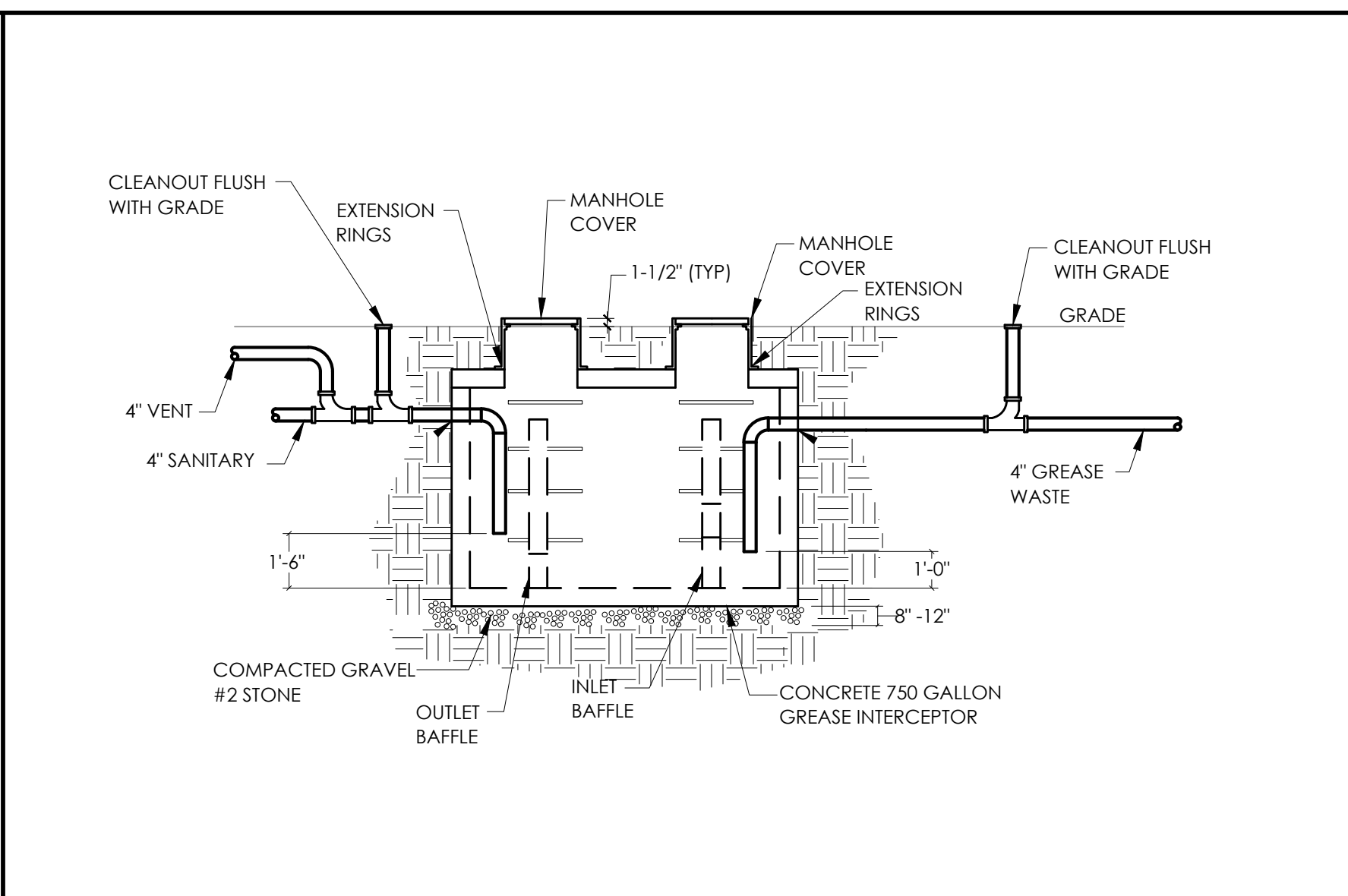
Project Number: XXX  
 Drawn By: CDD  
 Checked By: JWD  
 Scale: AS NOTED



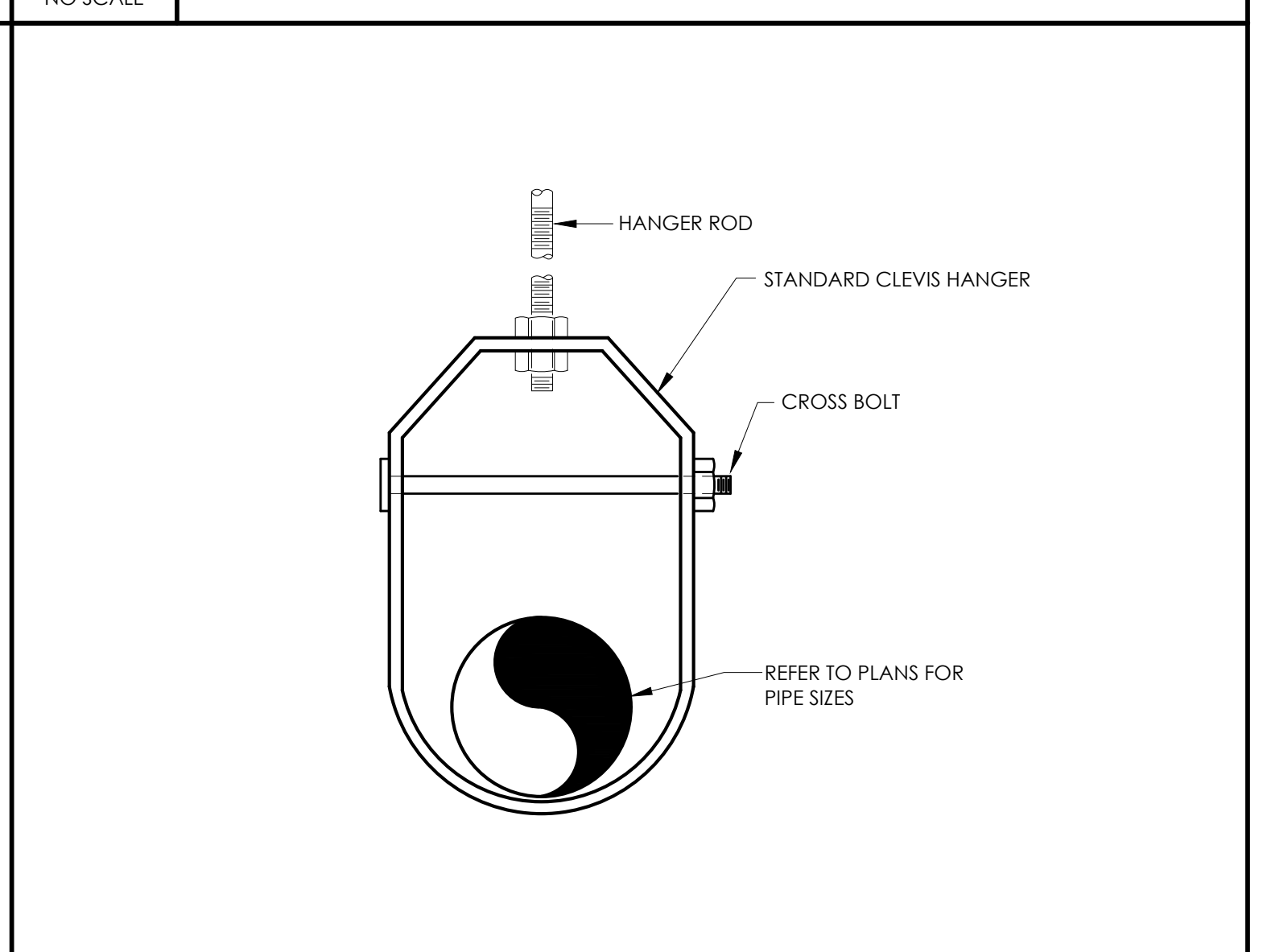
1 PIPE HANGER DETAIL - INSULATED PIPING  
NO SCALE



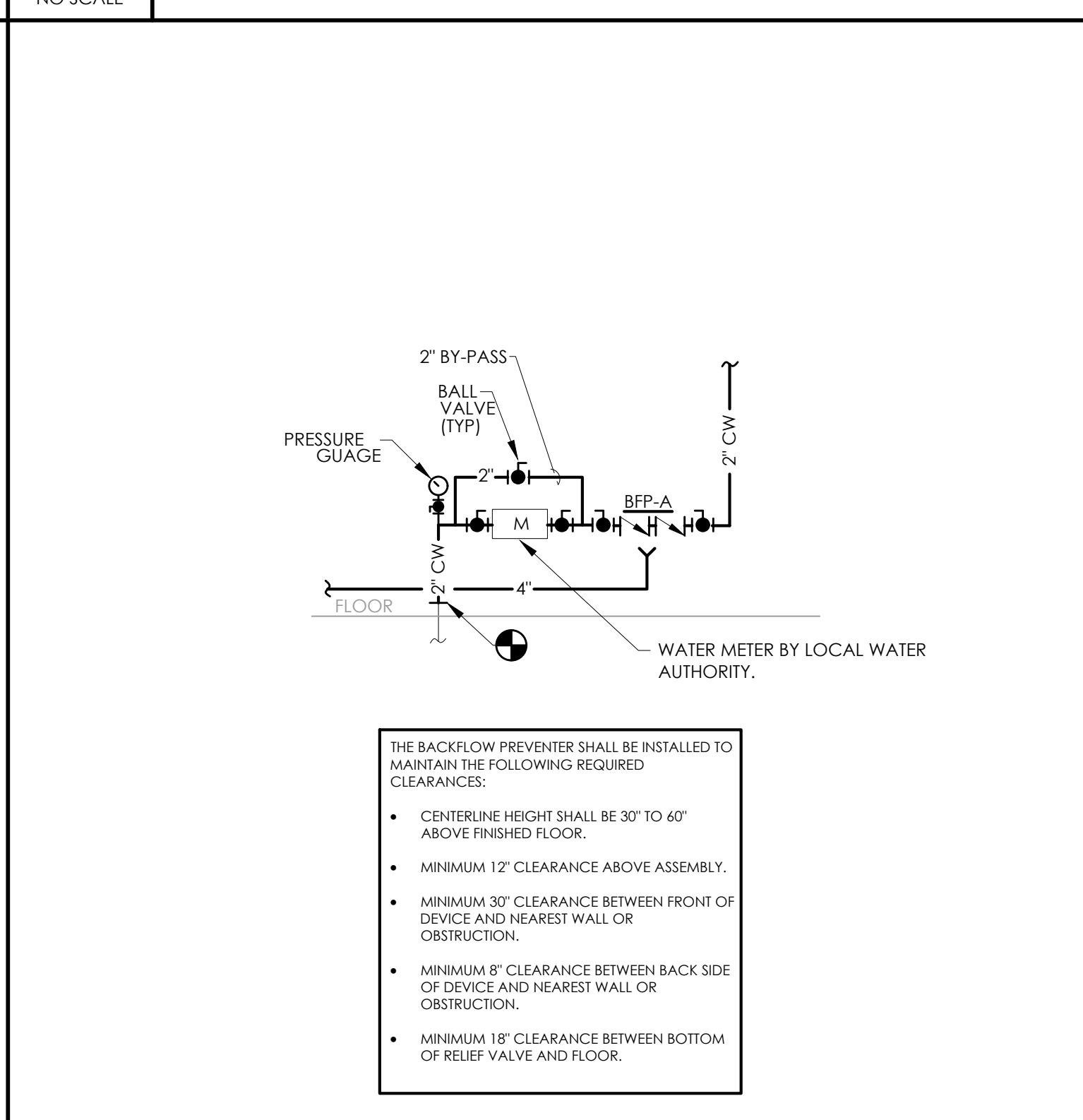
5 LP GAS CONNECTION DETAIL  
NO SCALE



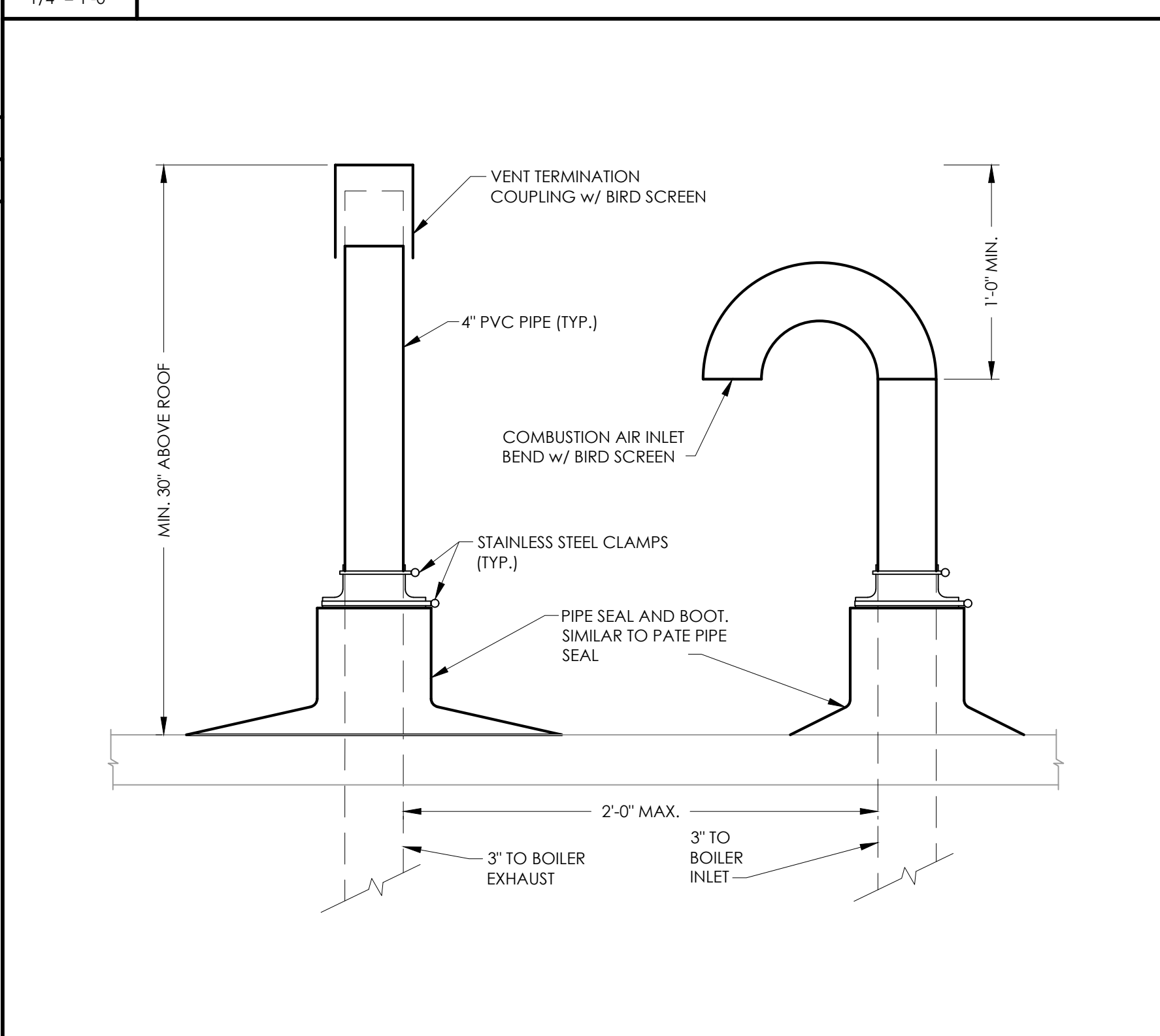
9 GREASE INTERCEPTOR DETAIL  
1/4\"/>



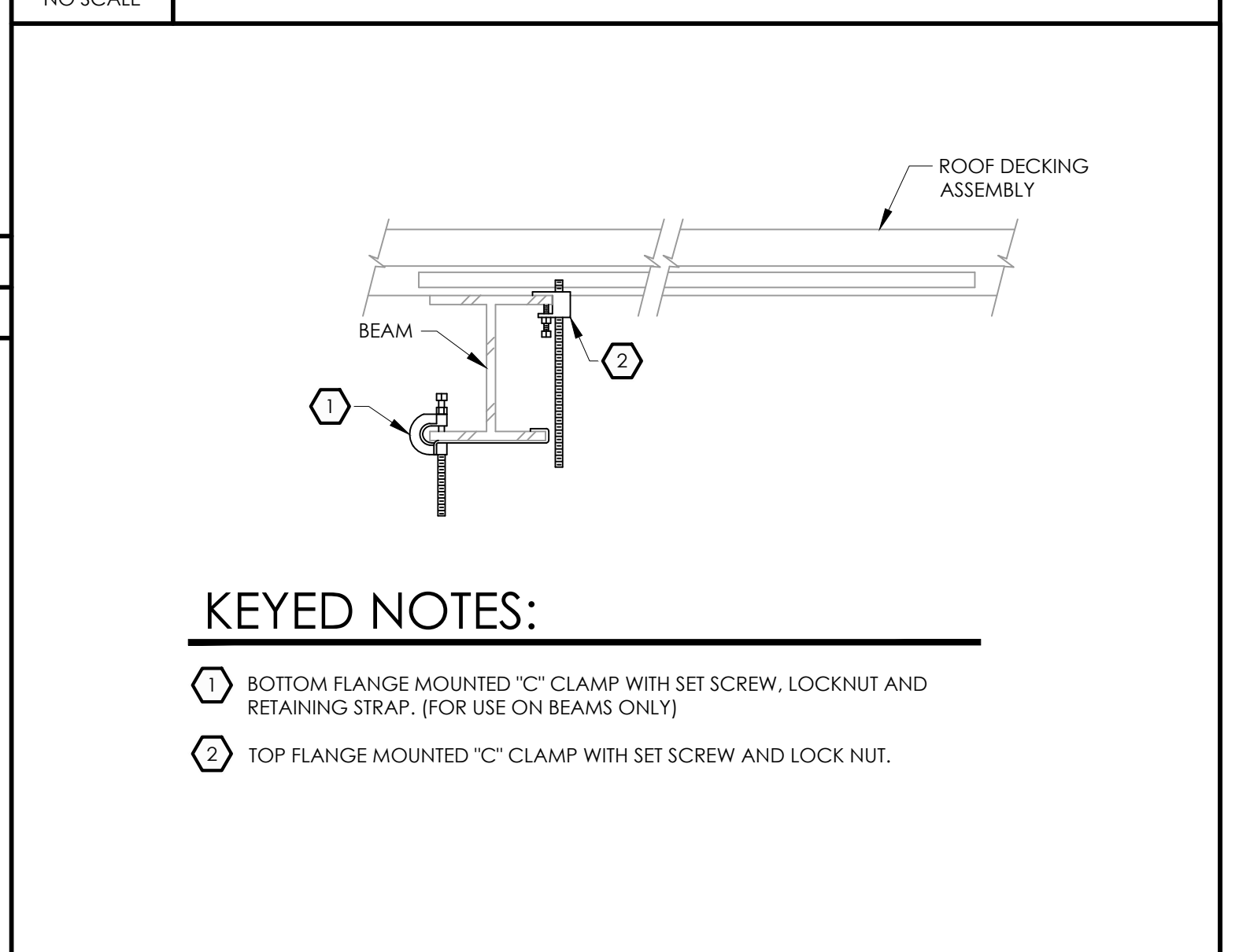
2 PIPE HANGER DETAIL - UNINSULATED PIPING  
NO SCALE



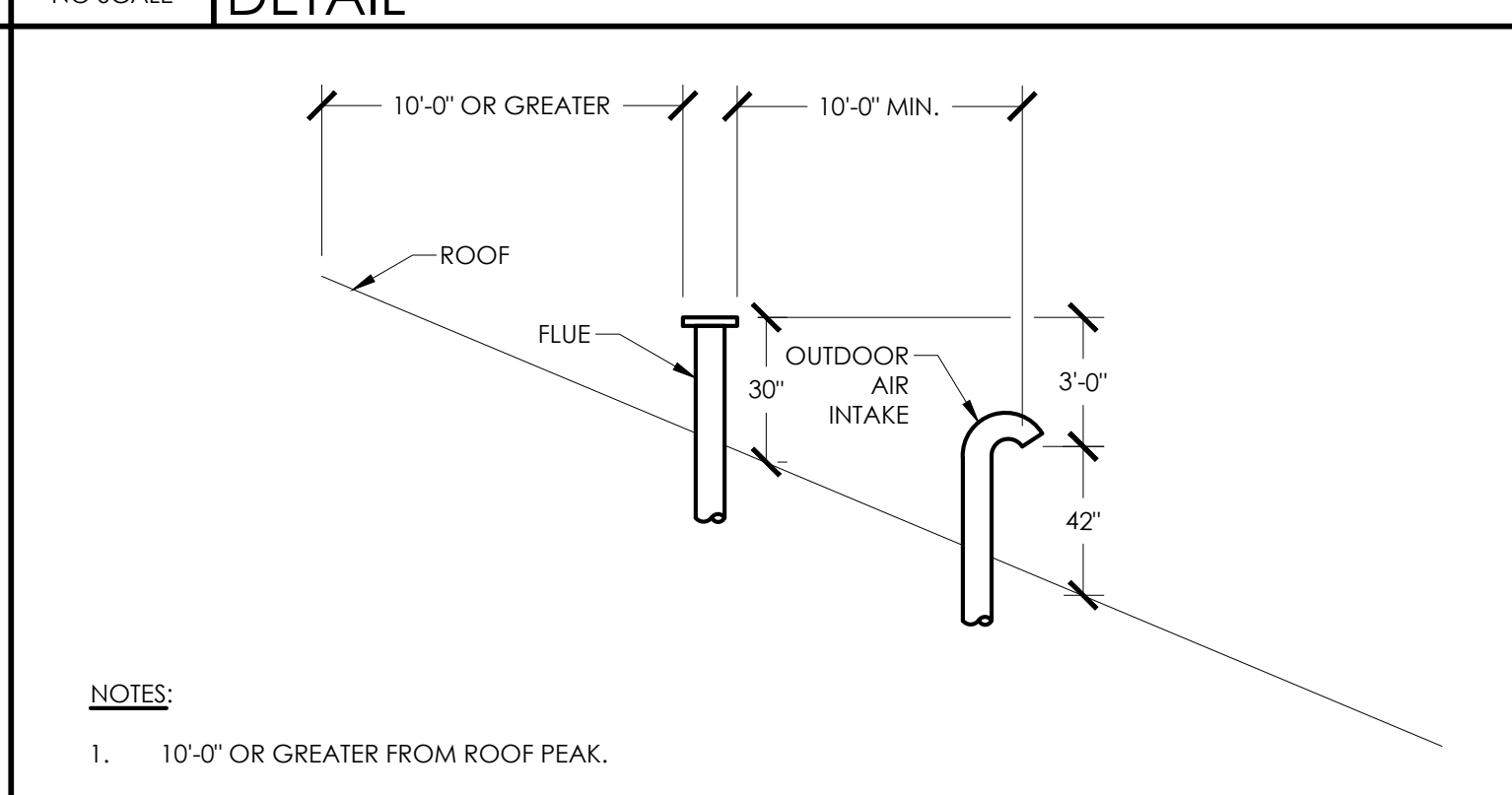
6 DOMESTIC WATER SERVICE ENTRANCE DETAIL  
NO SCALE



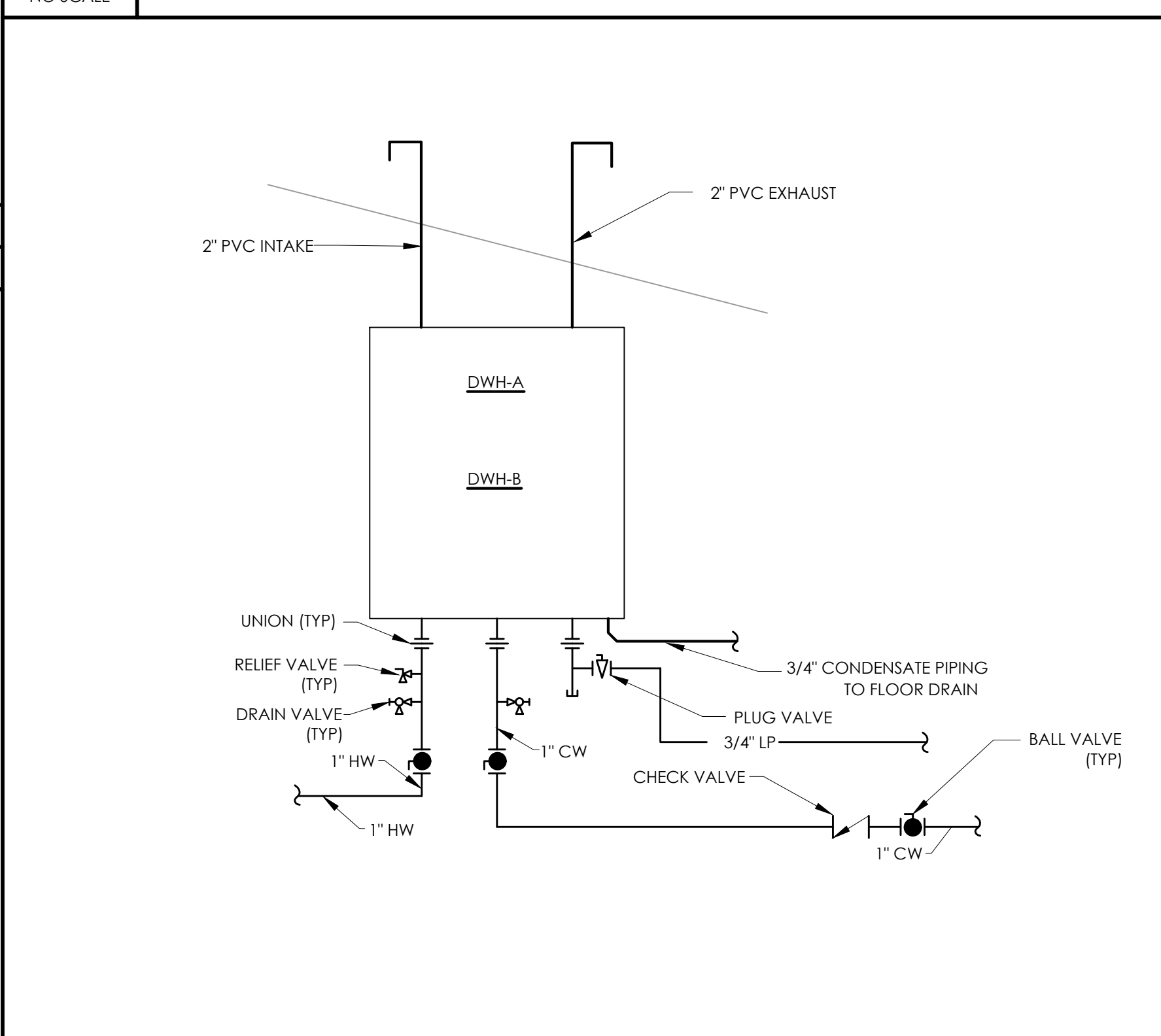
10 WATER HEATER VENTING DETAIL  
NO SCALE



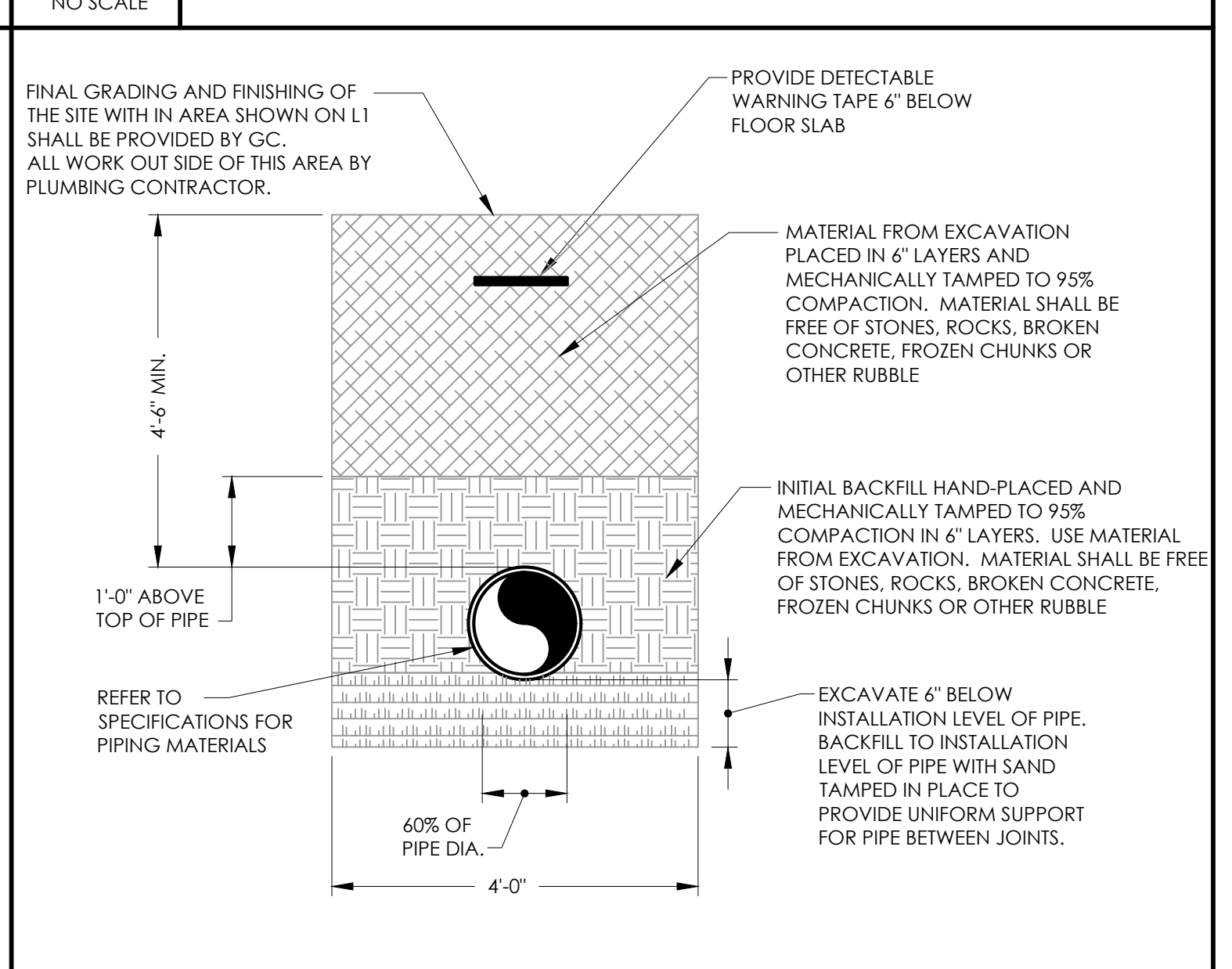
3 HANGER ROD ATTACHMENT DETAIL  
NO SCALE



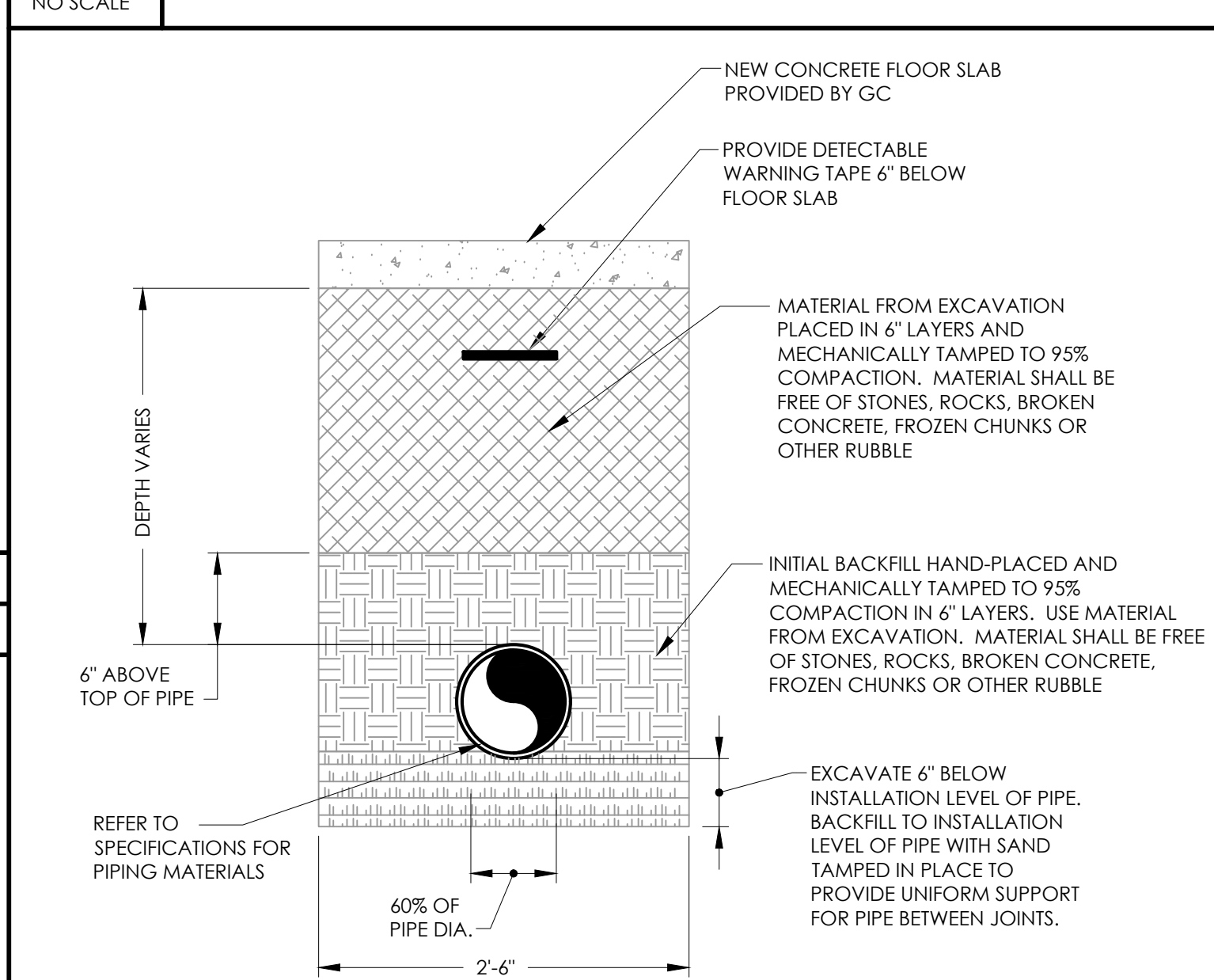
7 WATER HEATER FLUE/INTAKE DETAIL  
NO SCALE



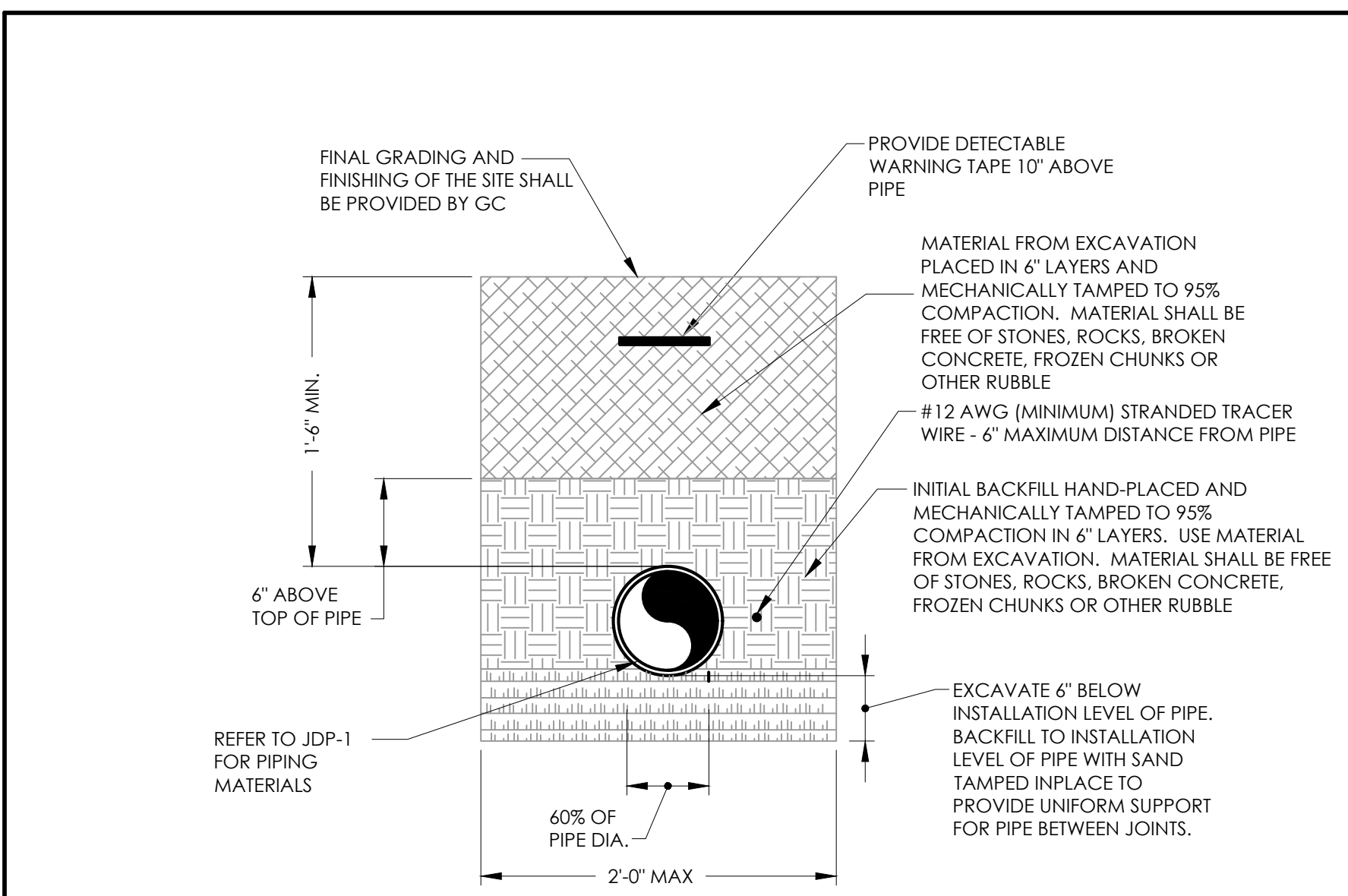
11 DOMESTIC HOT WATER HEATER PIPING SCHEMATIC  
NO SCALE



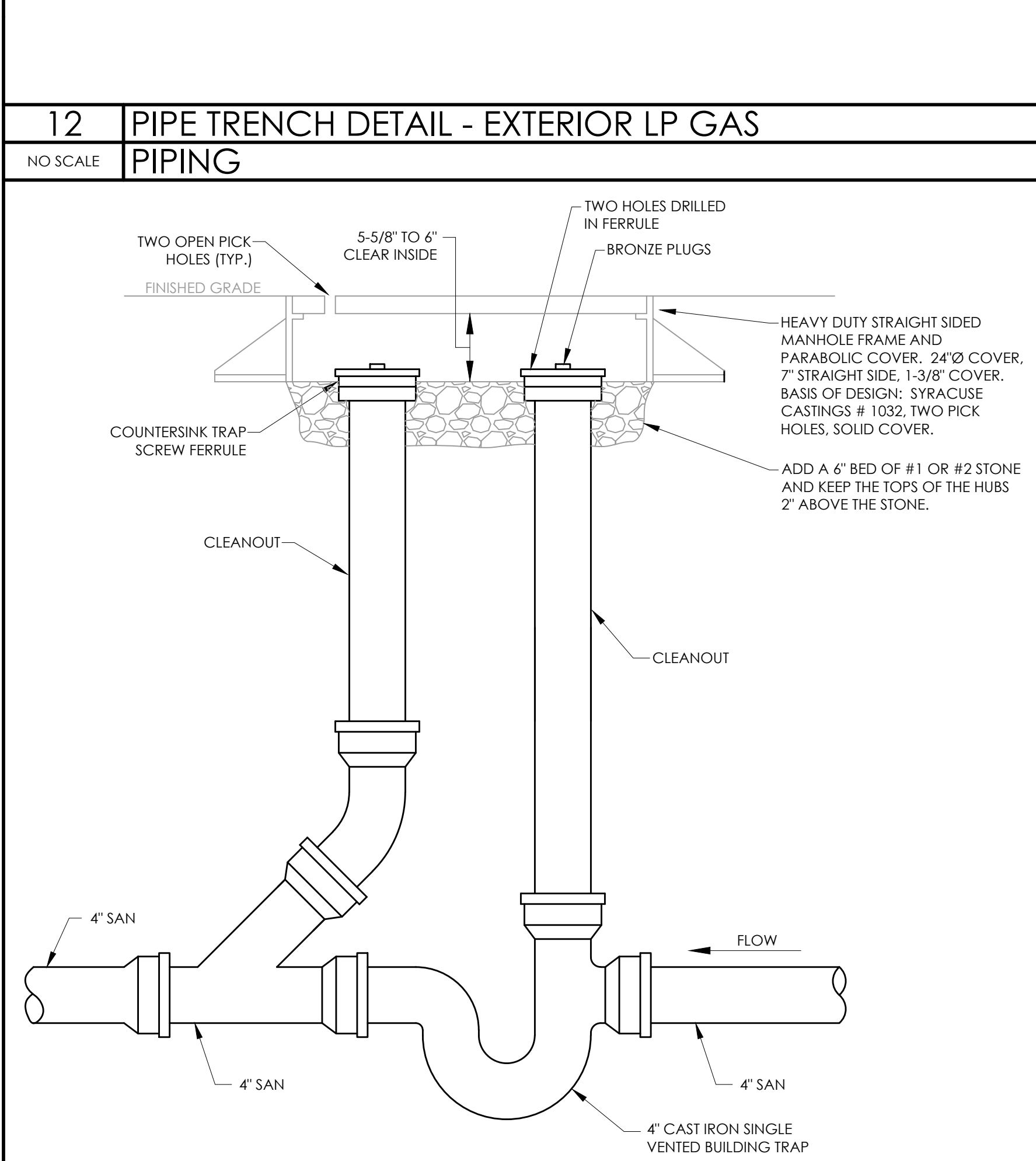
4 PIPE TRENCH DETAIL - EXTERIOR SANITARY DRAINAGE PIPING  
NO SCALE



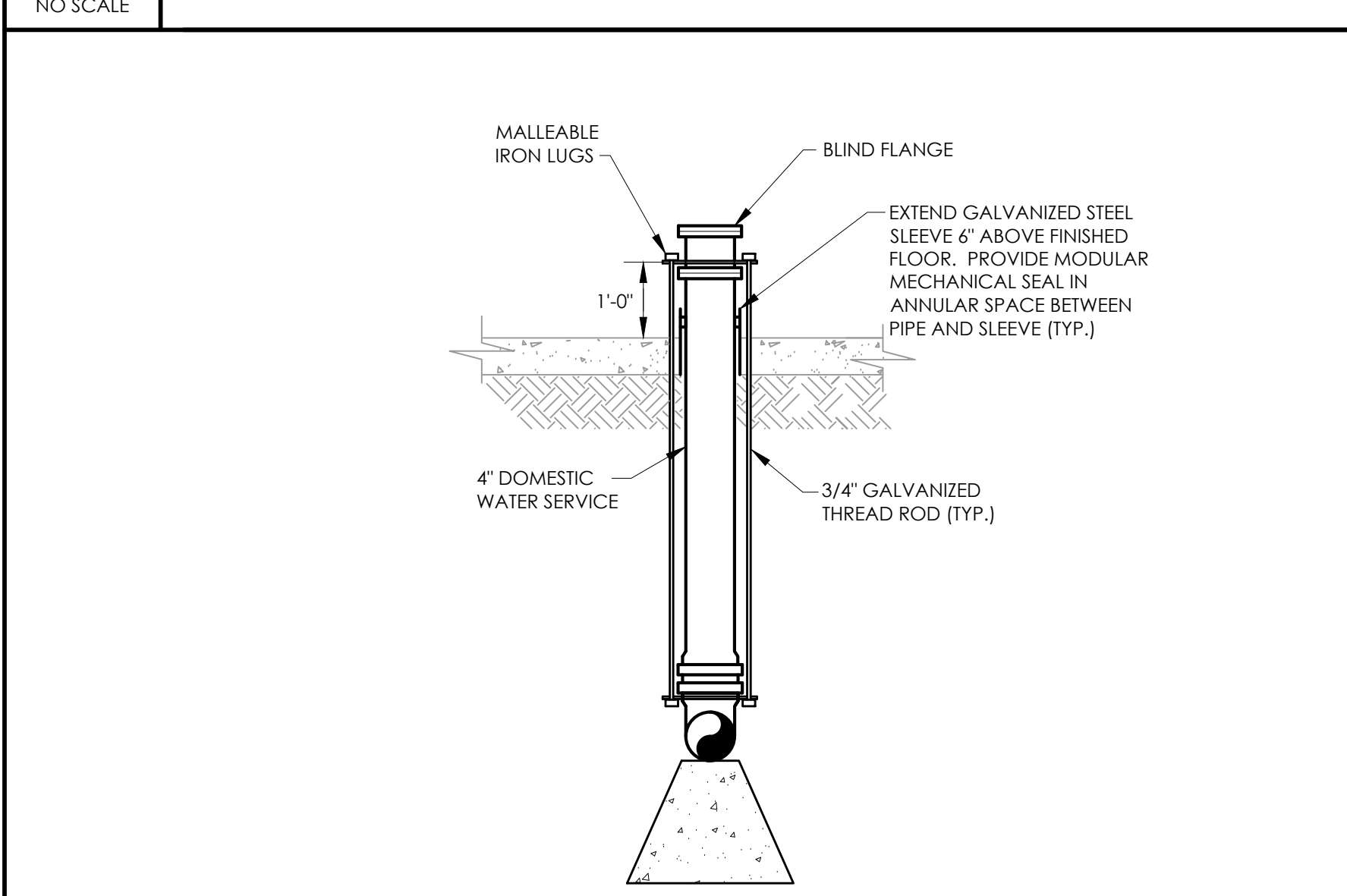
8 PIPE TRENCH DETAIL - INTERIOR SANITARY DRAINAGE PIPING  
NO SCALE



12 PIPE TRENCH DETAIL - EXTERIOR LP GAS PIPING  
NO SCALE



13 BUILDING TRAP DETAIL  
NO SCALE



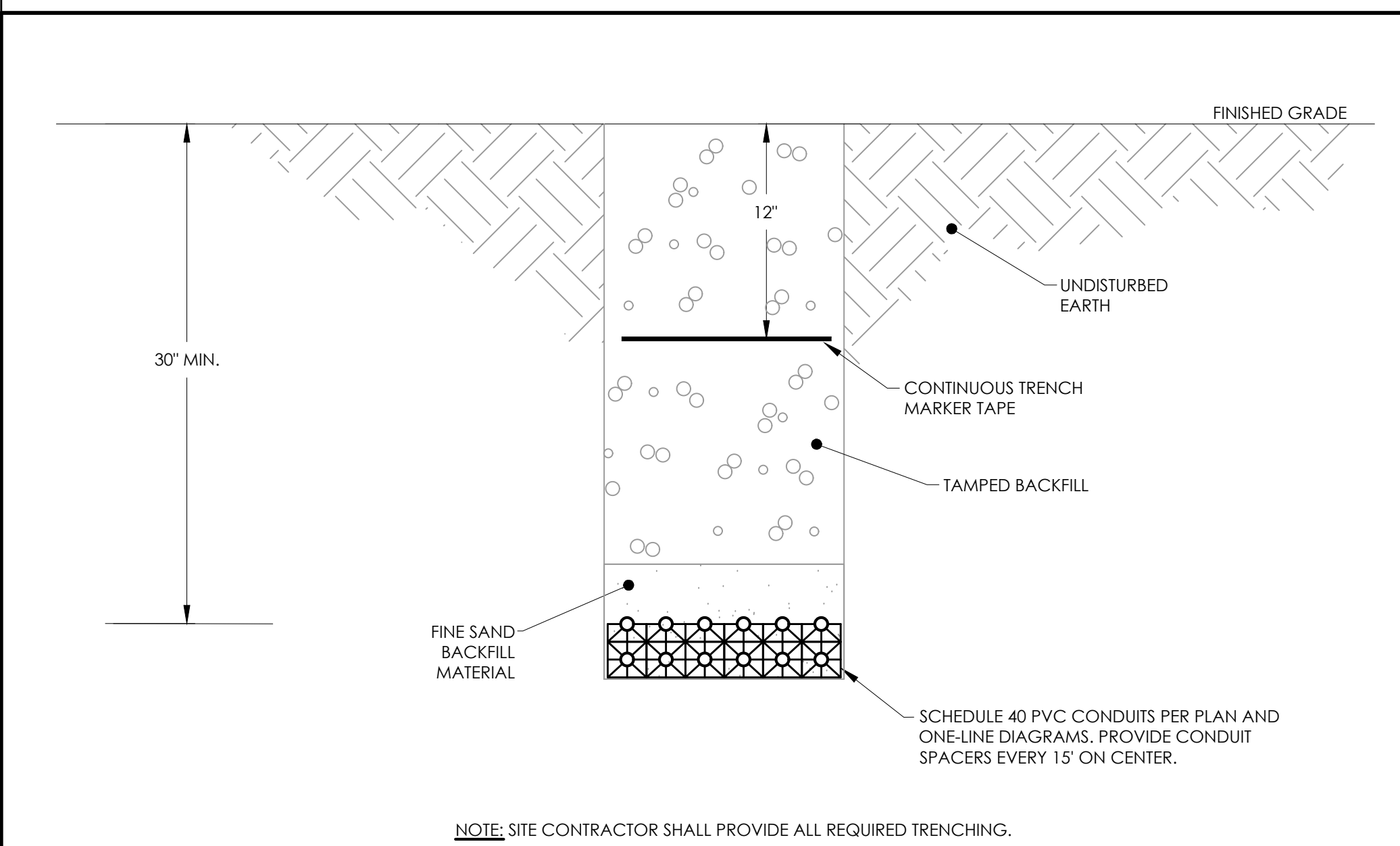
15 WATER SERVICE ENTRANCE DETAIL  
NO SCALE

EXISTING PANELBOARD LV-2 SCHEDULE																
MAIN BUS:		200 A MLO		BRANCH CIRCUIT				LOAD - VA				LOCATION: CONCESSIONS RM. 13				
VOLTAGE:		208Y/120V, 3-PH, 4-W.										MOUNTING: SURFACE				
SOURCE:		LV-1										MINIMUM AIC: 14,000				
CKT No.	AMPS	POLES	LOAD SERVED	CONDUIT	PHASE AND NEUTRAL CONDUCTORS	GROUND CONDUCTORS	CONNECTED LOAD	CONNECTED PHASE	GROUND CONDUCTORS	PHASE AND NEUTRAL CONDUCTORS	CONDUIT	LOAD SERVED	POLES	AMPS	CKT No.	
1	20	1	FIELD SCOREBOARD	1"	2 #8	1 #12	670	A	500	1 #12	2 #10	1"	SITE ENTRY SIGN	1	20	2
3	20	1	EXIT LIGHTING	1/2"	2 #12	1 #12	50	B	930	1 #12	2 #12	1/2"	INTERIOR LIGHTING	1	20	4
5	20	1	INTERIOR LIGHTING / FAN-F-2	1/2"	2 #12	1 #12	1390	C	210	1 #12	2 #12	1/2"	FAN-F-1	1	20	6
7	20	1	HAND DRYER	1/2"	2 #12	1 #12	1000	A	1600	1 #12	2 #12	1/2"	2) NACHO DISP. (1) PREP. CASE	1	20	8
9	20	1	GAS FIRED FURNACE GE-A	1/2"	2 #12	1 #12	740	B	1000	1 #12	2 #12	1/2"	RECEPTACLES	1	20	10
11	20	1	RECEPTACLES	1/2"	2 #12	1 #12	1200	C	600	1 #12	2 #12	3/4"	KITCHEN RECEPTACLES	1	20	12
13	20	1	KITCHEN RECEPTACLES	3/4"	2 #12	1 #12	600	A	1440	1 #12	2 #12	1/2"	REACH-IN REFRIGERATOR	1	20	14
15	20	1	REACH-IN FREEZER	1/2"	2 #12	1 #12	915	B	1175	1 #12	2 #12	1/2"	REACH-IN FREEZER	1	20	16
17	20	1	U.C. REFRIGERATOR	1/2"	2 #12	1 #12	1120	C	1800	1 #12	2 #12	1/2"	COFFEE MAKER	1	20	18
19	20	1	ROT CHICK-MACHINE	1/2"	2 #12	1 #12	1800	A	1600	1 #12	2 #12	1/2"	ICE MACHINE	1	20	20
21	20	1	INTERIOR LIGHTING / BEVERAGE DISP.	1/2"	2 #12	1 #12	1200	B	200	1 #12	2 #12	1/2"	DOMESTIC WATER HEATER (WHL-1)	1	20	22
23	20	1	HAND DRYER	1/2"	2 #12	1 #12	1000	C	840	1 #12	2 #12	1/2"	BEVERAGE DISP.	1	20	24
25	20	1	BEVERAGE DISP.	1/2"	2 #12	1 #12	1200	A	840	1 #12	2 #12	1/2"	BEVERAGE DISP.	1	20	26
27	20	1	BEVERAGE DISP.	1/2"	2 #12	1 #12	840	B	1200	1 #12	2 #12	1/2"	BEVERAGE DISP.	1	20	28
29	20	1	[4] CASH REG.	1/2"	2 #12	1 #12	800	C	1510	1 #12	2 #12	1/2"	1) FRENCH FRY WARMERS	1	20	30
31	20	2	FAN-F-2	1/2"	2 #12	1 #12	1250	A	2015	1 #12	2 #12	1/2"	HEATED DISPLAY	1	20	32
33	20	1	[2] NACHO WIRMS (1) CREAM	1/2"	2 #12	1 #12	1250	B	2015	1 #12	2 #12	1/2"	HEATED DISPLAY	1	20	34
35	20	1	[2] NACHO WIRMS (1) CREAM	1/2"	2 #12	1 #12	1000	C	1020	1 #12	2 #12	1/2"	GRIDDLER/FRYER	1	20	36
37	20	1	[2] NACHO WIRMS (1) CREAM	1/2"	2 #12	1 #12	2775	A	1370	1 #12	2 #12	1/2"	REFRIGERATOR	1	20	38
39	50	3	CONVEYOR OVEN	3/4"	3 #8	1 #10	2775	B	1000	1 #12	2 #12	1/2"	FIRE SUPPRESSION SYSTEM	1	20	40
41	20	1	[2] NACHO WIRMS (1) CREAM	1/2"	2 #12	1 #12	2775	C	1440	1 #12	2 #12	1/2"	PIZZA DISPLAY	1	20	42
43	20	1	PIZZA DISPLAY	1/2"	2 #12	1 #12	1440	A	400	1 #12	2 #12	1/2"	KITCHEN RECEPTACLES	1	20	44
45	20	1	SPARE	-	-	-	-	B	-	-	-	-	SPARE	1	20	46
47	20	1	SPARE	-	-	-	-	C	-	-	-	-	SPARE	1	20	48
49	20	1	SPARE	-	-	-	-	A	-	-	-	-	SPARE	1	20	50
51	20	1	SPARE	-	-	-	-	B	-	-	-	-	SPARE	1	20	52
53	20	1	SPARE	-	-	-	-	C	120	1 #12	2 #12	1"	POND LIGHT KIT	1	20	54
55	20	1	SPARE	-	-	-	-	A	720	-	-	-	SPARE	1	20	56
57	100	3	PANEL LV-3	2"	4 #1/0	1 #8	-	B	720	1 #12	3 #12	1"	POND AERATOR	3	20	58
59	20	1	SPARE	-	-	-	-	C	720	-	-	-	SPARE	1	20	60

NOTES: SHUNT-TRIP BRANCH CIRCUIT BREAKERS FOR ALL ELECTRICAL POWERED EQUIPMENT UNDER EXHAUST HOOD (CIRCUIT BREAKERS #36, 38, 37/39/41).

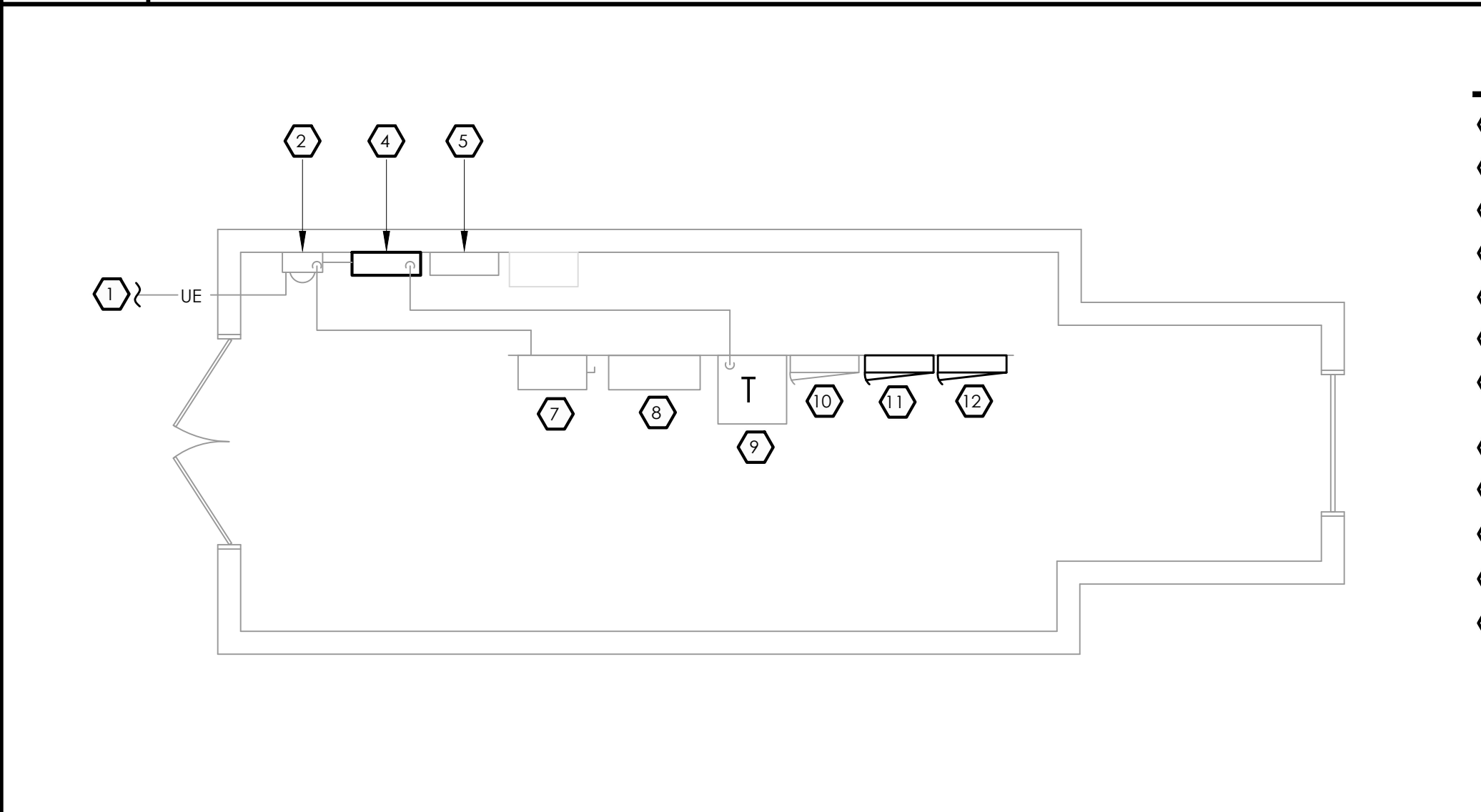
### KEYED NOTES:

- PROVIDE 100A/3P CIRCUIT BREAKER WITHIN EXISTING AVAILABLE SPACE OF PANEL LV-2 AND FEEDERS INDICATED IN EXISTING 2" CONDUIT FROM PANEL OUT TO SITE JUNCTION BOX. REFER TO DRAWING E5 FOR COORDINATION.



### 1 TRENCH DETAIL

NO SCALE



### GENERAL NOTES:

- REFER TO DRAWING E-8 FOR ONE-LINE DIAGRAM INFORMATION.

### 2 PAVILLION MECHANICAL ROOM - ENLARGED PLAN

1/4" = 1'-0"

PANELBOARD LV-3 SCHEDULE																
MAIN BUS:		100A MLO		BRANCH CIRCUIT				LOAD - VA				LOCATION: CENTER PAVILION				
VOLTAGE:		208Y/120V, 3-PH, 4-W.										MOUNTING: SURFACE				
SOURCE:		LV-2										MINIMUM AIC: 14,000				
CKT No.	AMPS	POLES	LOAD SERVED	CONDUIT	PHASE AND NEUTRAL CONDUCTORS	GROUND CONDUCTORS	CONNECTED LOAD	CONNECTED PHASE	GROUND CONDUCTORS	PHASE AND NEUTRAL CONDUCTORS	CONDUIT	LOAD SERVED	POLES	AMPS	CKT No.	
1	20	1	RECEPTACLES	1/2"	2 #12	1 #12	400	A	40	1 #12	2 #12	1/2"	TIME CLOCK - TYPE C	1	20	2
3	20	1	RECEPTACLES	1/2"	2 #12	1 #12	800	B	130	1 #12	2 #12	1/2"	LTG - TYPE C/F	1	20	4
5	20	1	RECEPTACLES	1/2"	2 #12	1 #12	1600	C	576	1 #12	2 #12	1/2"	LTG - TYPE A/B	1	20	6
7	20	1	RECEPTACLES	1/2"	2 #12	1 #12	1600	A	400	1 #12	2 #12	1/2"	RECEPTACLES CLOSET 02	1	20	8
9	30	2	PTAC - A	3/4"	2 #10	1 #10	2080	B	200	1 #12	2 #10	3/4"	FLD. 2 RECEP	1	20	10
11	30	2	PTAC - A	3/4"	2 #10	1 #10	2080	C	200	1 #12	2 #10	3/4"	FLD. 1 RECEP	1	20	12
13	30	2	PTAC - A	3/4"	2 #10	1 #10	2080	A	600	1 #12	2 #10	3/4"	SB#5 RECEPS	1	20	14
15	30	2	PTAC - A	3/4"	2 #10	1 #10	2080	B	600	1 #12	2 #10	3/4"	SB#3 RECEPS	1	20	16
17	30	2	PTAC - A	3/4"	2 #10	1 #10	2080	C	580	1 #12	2 #8	1"	SB#5 SCRBD.	1	20	18
19	30	2	PTAC - A	3/4"	2 #10	1 #10	2080	A	2150	1 #10	3 #8	1"	BB#1 VIDEO BD.	2	30	20
21	30	2	PTAC - A	3/4"	2 #10	1 #10	2080	B	2150	1 #10	3 #8	1"	BB#1 VIDEO BD.	2	30	22
23	20	1	SPARE	-	-	-	-	C	-	-	-	-	SPARE	1	20	24
25	20	1	FLD. 3 SCOREBD	1"	2 #8	1 #12	580	A	-	-	-	-	SPARE	1	20	26
27	20	1	SPARE	-	-	-	-	B	-	-	-	-	SPARE	1	20	28
29	20	1	SPARE	-	-	-	-	C	-	-	-	-	SPARE	1	20	30

PANELBOARD LV-4 SCHEDULE																
MAIN BUS:		60 AMP MCB		BRANCH CIRCUIT				LOAD - VA				LOCATION: TOILET BLDG.				
VOLTAGE:		208Y/120V, 3-PH, 4-W.										MOUNTING: SURFACE				
SOURCE:		MDP/T-4										MINIMUM AIC: 14,000				
CKT No.	AMPS	POLES	LOAD SERVED	CONDUIT	PHASE AND NEUTRAL CONDUCTORS	GROUND CONDUCTORS	CONNECTED LOAD	CONNECTED PHASE	GROUND CONDUCTORS	PHASE AND NEUTRAL CONDUCTORS	CONDUIT	LOAD SERVED	POLES	AMPS	CKT No.	
1	20	1	LTG. - TOILET BLDG.	1/2"	2 #12	1 #12	320	A	800	1 #12	2 #12	1/2"	RECEPTACLES	1	20	2
3	20	1	LTG. - TIMER CLOCK	1/2"	2 #12	1 #12	20	B	1000	1 #12	2 #12	1/2"	HAND DRYER	1	20	4
5	20	1	SCOREBD	1"	2 #8	1 #12	870	C	1000	1 #12	2 #12	1/2"	HAND DRYER	1	20	6
7	20	1	MAINT. BLDG. RECEPTS	1/2"	2 #12	1 #12	400	A	2400	1 #10	2 #10	3/4"	ELECTRIC WALL HEATER	2	30	8
9	20	1	MAINT. BLDG. LTG.	1/2"	2 #12	1 #12	160	B	2400	1 #10	2 #10	3/4"	ELECTRIC WALL HEATER	2	30	10
11	20	1	SB#4 RECEPTS	3/4"	2 #10	1 #12	600	C	1440	1 #12	2 #12	1/2"	DOMESTIC WATER HEATER	1	20	12
13	20	1	SPARE	-	-	-	-	A	600	1 #12	2 #10	3/4"	BB#2 RECEPTS	1	20	14
15	20	1	SPARE	-	-	-	-	B	580	1 #12	2 #8	1"	SB#4 SCRBD	1	20	16
17	20	1	SPARE	-	-	-	-	C	2150	1 #10	3 #8	1"	BB#2 VIDEO BD.	2	30	18
19	20	1	SPARE	-	-	-	-	A	2150	1 #10	3 #8	1"	BB#2 VIDEO BD.	2	30	20

### LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	LAMPS	VOLTS	WATTS	DESIGN MANUFACTURER	NOTES
A	2' X 4' RECESSED	LED	120	34	ELITE LIGHTING 24-FPL1-LED-3000/4000/5000L-DIMIO-85	-
B	10' X 48" PENDANT UP/DOWN	LED	120	26	PRUDENTIAL LIGHTING #PRU155Q-LED4-HD4-WA-1MW-D3-CS-ND	A
C	EXTERIOR WALL MOUNT	LED	120	20	ELITE LIGHTING SWP-2L-CCT5-BRZ	-
F	1x4 RECESSED	LED	120	37	ELITE LIGHTING 14-FPL-BL-LED-2000L/3000L/4000L-DIMIO-85	-
G	WALL MOUNTED	LED	120	40	ELITE LIGHTING 4-OEW-LED-4000L/5000L-DIMIO-85	-
H	LED RECESSED DOWNLIGHT	LED	120	12	ELITE LIGHTING HH6-LED-1200L-DIMIO-90/93/HH6-6501-CL-WH	-
J	EXTERIOR WALL SCONCE	LED	120	31	VEGA OW1721-40K-BSIL	B
K	INDUSTRIAL PENDANT	LED	120	40	ELITE LIGHTING 4-OCIR-LED-3000L/4000L/5000L-DIMIO-40K-85-37K-WHT	-
-	SPORTS LIGHT ASSEMBLY	LED	480	-	MUSCO LTG. WITH POLE	C
W	EMERGENCY LIGHT WALL MOUNTED	LED	120	2	CURRENT CU25G	D
W	WALL MOUNTED EXIT	LED	120	4	CURRENT CERG	-

### NOTES:

- MOUNT AT 9'-6" AFF.
- RECESS HOUSING INTO CMU CONSTRUCTION. PROVIDE WITH SILVER POWDER COAT FINISH.
- PRODUCTS AND INSTALLATION INCLUDING WIRING, CONDUIT AND GROUNDINGS SHALL BE PROVIDED BY DIVISION 26 CONTRACTOR. REFER TO DRAWING E7.
- PROVIDE WITH SELF-TEST DIAGNOSTICS.

### GENERAL NOTES:

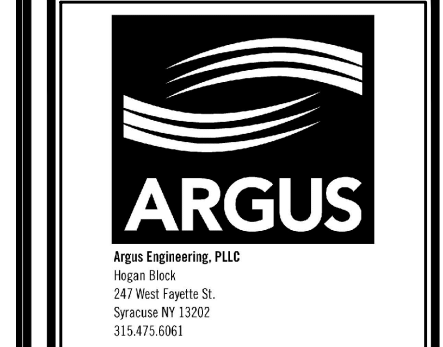
- COORDINATE ALL COLOR SELECTIONS WITH ARCHITECT.
- REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLAN. VERIFY CEILING TYPES. PROVIDE LUMINAIRE INSTALLATION SUITABLE WITH CEILING CONSTRUCTION (ACT / GWB, ETC.).
- LAMPS SHALL BE 4000K, UNLESS OTHERWISE SPECIFIED.

### GENERAL NOTES

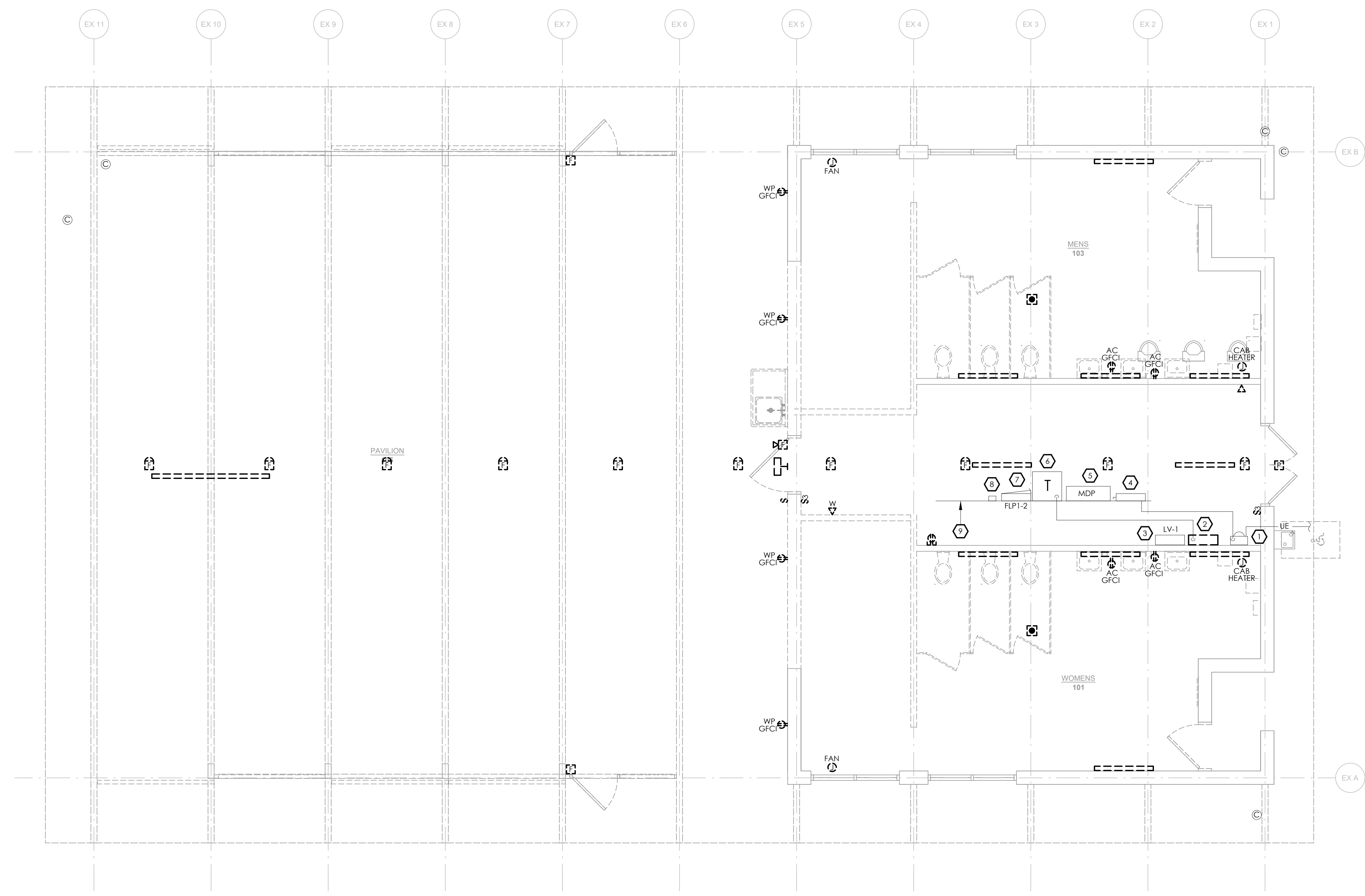
- DEMOLITION IS INTENDED TO BE SELECTIVE. COMPLETE ELECTRICAL REMOVALS ASSOCIATED WITH ITEMS SHOWN AS REQUIRED. ALL OTHER ITEMS SHALL REMAIN.
- CIRCUITS SERVING AREAS OUTSIDE THE WORK ZONE MUST BE MAINTAINED. FIELD VERIFY AFFECTED CIRCUITS PRIOR TO DEMOLITION PROCEDURES AND PROVIDE NECESSARY EQUIPMENT AND CONNECTIONS TO MAINTAIN CIRCUIT CONTINUITY TO ADJACENT AREAS. COORDINATE ALL NECESSARY SHUTDOWNS / TIE - INS WITH OWNER.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, FOR LOCATIONS OF ALL CEILING MOUNTED EQUIPMENT.
- PROVIDE ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY ALL APPLICABLE CODES, REGULATIONS, AND STANDARDS, INCLUDING BUT NOT LIMITED TO BUILDING CODE OF NEW YORK STATE, NFPA, FEDERAL, STATE, COUNTRY AND CITY ORDINANCES, CODES, LAWS AND REGULATIONS.
- CONTRACT DOCUMENT DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
- INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND ALL APPLICABLE CODES AND REGULATIONS.
- COORDINATE CONSTRUCTION OF ALL ELECTRICAL WORK WITH ARCHITECTURAL, HVAC AND PLUMBING WORK, SHOWN ON OTHER CONTRACT DRAWINGS.
- ALL OPENINGS IN FIRE WALLS FOR CONDUITS SHALL BE FIRESTOPPED.
- ALL UNUSED HOLES THROUGH EXISTING WALLS, AND EXISTING FLOORS SHALL BE PATCHED AND FINISHED TO MATCH EXISTING CONDITIONS.
- ALL TRADES SHALL APPLY AND PAY FOR ALL NECESSARY PERMITS AND INSPECTIONS REQUIRED.
- ALL CIRCUITING SHALL BE IN CONDUIT OR MC CABLE CONCEALED WITHIN WALLS OR ABOVE FINISHED CEILINGS.
- PROVIDE JETLINE "SUPER TRUE TAPE" OR EQUIVALENT CONDUIT MEASURING TAPE FISH LINE IN ALL EMPTY RACEWAYS AND CONDUIT.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING / PATCHING TO FACILITATE TRADE WORK. COORDINATE WITH GENERAL CONTRACTOR.
- ALL DATA WIRING, PATCH PANELS, TERMINATIONS AND TESTING SHALL BE PROVIDED BY OWNER.
- ELECTRICAL CONTRACTOR SHALL INCLUDE ALL WORK ASSOCIATED WITH SPORTS LIGHTING ASSEMBLY POLE BASES AS INDICATED ON THE S SERIES DRAWINGS.

### LEGEND

SYMBOL	DESCRIPTION	ABBR.
A	2' X 4' LIGHT FIXTURE, LETTER INDICATES FIXTURE TYPE	-
B	4' LIGHT FIXTURE, LETTER INDICATES FIXTURE TYPE	-
W	EXIT SIGN BACK OR SIDE MOUNTED, CEILING MOUNTED, ARROWS INDICATE DIRECTION, SHADING INDICATES FACE	-
W	EMERGENCY LIGHT, WALL MOUNTED BATTERY PACK UNIT	-
S	SINGLE POLE WALL SWITCH ( MOUNT 48" AFF)	-
S3	THREE WAY WALL SWITCH ( MOUNT 48" AFF)	-
W	WALL MOUNTED VACANCY SENSOR MANUAL ON - AUTO OFF.	-
W	CEILING MOUNTED VACANCY SENSOR WITH AMBIENT LIGHT SENSOR.	-
W	DUPLEX CONVENIENCE RECEPTACLE, WALL MOUNTED (MOUNT 18" AFF UNLESS OTHERWISE NOTED) U - PROVIDE WITH (2) INTEGRAL USB PORTS AS PART OF RECEPTACLE	-
W	DOUBLE DUPLEX CONVENIENCE RECEPTACLE, WALL MOUNTED (MOUNT 18" AFF UNLESS OTHERWISE NOTED)	-
W	SPECIAL PURPOSE RECEPTACLE, WALL MOUNTED (MOUNT 18" AFF UNLESS OTHERWISE NOTED)	-
W	RECESSED DOWNLIGHT	-
W	WALL MOUNTED LUMINAIRE, LETTER INDICATES FIXTURE TYPE	-
W	UTILITY BACKBOX FOR COMMUNICATIONS (MOUNT 18" AFF UNLESS OTHERWISE NOTED, PROVIDE 3/4" CONDUIT WITH PULL WIRE FROM BOX LOCATION UP TO ACCESSIBLE CEILING SPACE, TERMINATE CONDUIT WITH NYLON BUSHING.	-
W	TIME CLOCK	-
W	PULL BOX / JUNCTION BOX	-
W	ELECTRIC PANELBOARD (MOUNT 6'-2" AFF TO TOP OF TRIM)	-
W	MOTOR, LETTER DESIGNATES EQUIPMENT (REFER TO MECHANICAL EQUIPMENT CIRCUITING SCHEDULE FOR ADDITIONAL INFORMATION)	-
W	HOMERUN TO ELECTRICAL PANEL, PROVIDE 2#12, 1#12 GND., IN 1/2" CONDUIT TO 20A/1P CIRCUIT BREAKER.	-
W	S	



Sheet



- KEYED NOTES:**
- 1 EXISTING 480Y/277 VOLT, 600 AMP RATED METER / CT CABINET.
  - 2 DISCONNECT AND REMOVE EXISTING 400 AMP FUSED DISCONNECT SWITCH. REMOVE EXISTING FEEDER FROM TRANSFORMER TO SWITCH. CONDUIT SHALL BE RE-USED. REMOVE FEEDER FROM DISCONNECT SWITCH TO EXISTING PANEL LV-1. PANEL LV-1 SHALL BE RE-FED. REFER TO DRAWING E3 FOR ADDITIONAL INFORMATION.
  - 3 EXISTING PANEL LV-1 SHALL REMAIN AND BE RE-FED.
  - 4 EXISTING 600 AMP, 480Y/277 VOLT FUSED SERVICE ENTRANCE RATED DISCONNECT SWITCH.
  - 5 EXISTING 600 AMP, 480Y/277 VOLT PANEL 'MDP'.
  - 6 EXISTING FLOOR MOUNTED 45 KVA (480 VOLT PRIMARY 208Y/120 VOLT SECONDARY) TRANSFORMER.
  - 7 EXISTING 225 AMP, 480Y/277 VOLT PANEL 'FLP1-2'.
  - 8 EXISTING DOUBLE GANG WALL BOX SERVES SPORTS LIGHTING CONTROLLER.
  - 9 UNISTRUT SUPPORTS SERVES INDICATED EQUIPMENT.

**Willis V. Carrier Recreation Center - Phase 3**

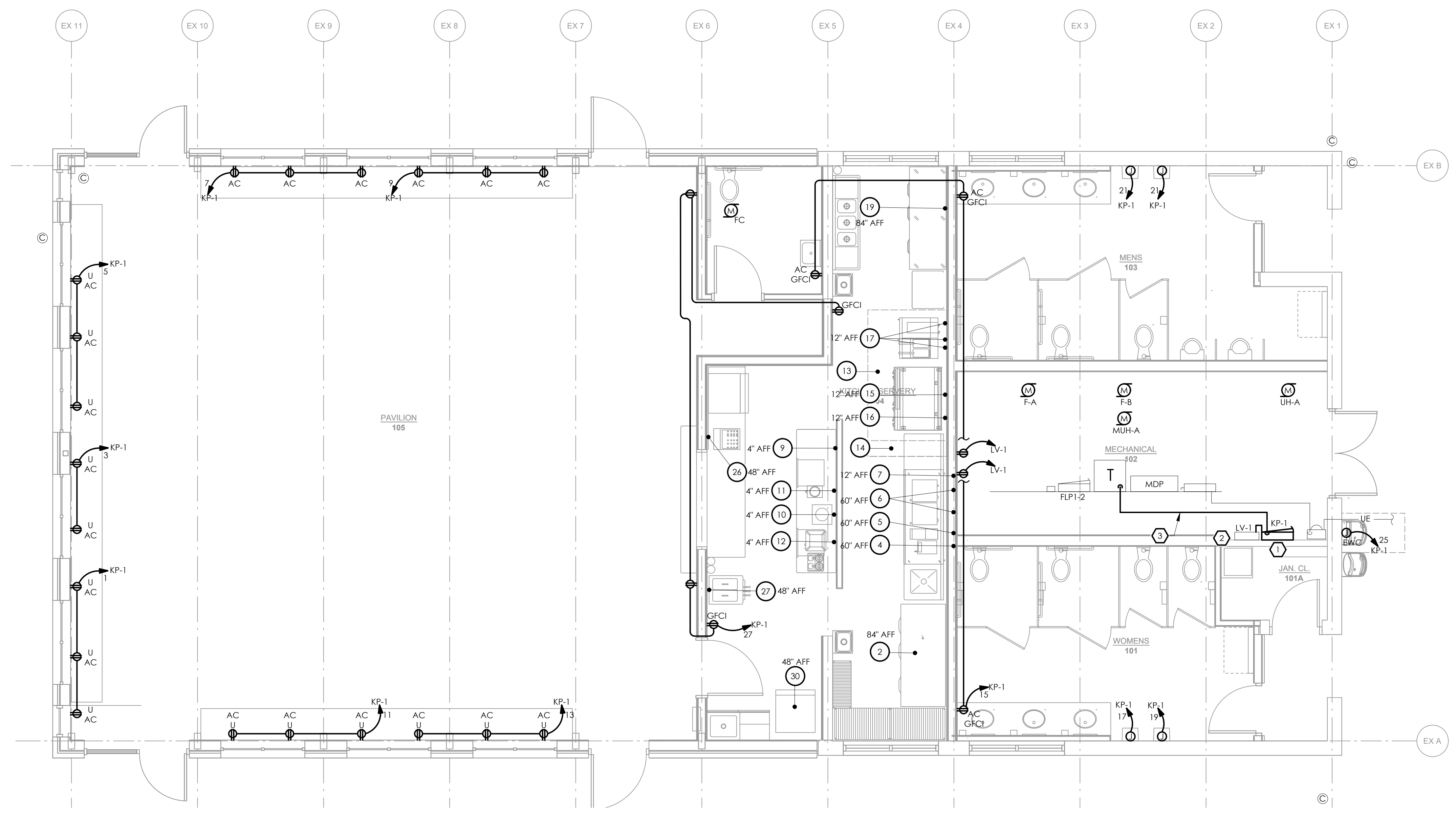
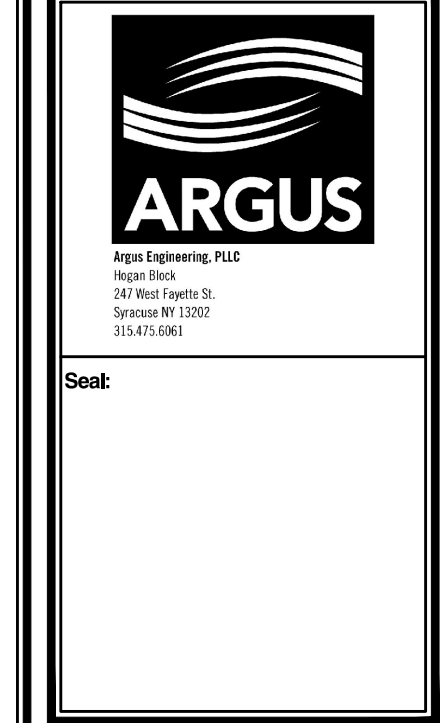
Town of Dewitt  
1035 KINNE STREET  
EAST SYRACUSE, NEW YORK 13057

Revision:	No.	Date	Issued For
Project Number:	XXX		
Drawn By:	MHW		
Checked By:	JWD		
Scale:	NO SCALE		

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- KEYED NOTES:**
- PROVIDE NEW ELECTRICAL PANEL BOARD KP-1 AT LOCATION SHOWN. PROVIDE NEW FEEDER FROM EXISTING TRANSFORMER TO PANEL KP-1 USING 4#3/0, 1#4 GRD., IN EXISTING CONDUIT.
  - REFEED EXISTING 208/120 VOLT 1-PHASE PANEL BOARD LV-1 FROM NEW PANEL KP-1 USING 3#6, 1#10 GRD., 3/4" C.
  - PROVIDE NEW FEEDER FROM EXISTING TRANSFORMER TO PANEL KP-1 (4#3/0, X, GND.) WITHIN EXISTING CONDUIT.

**GENERAL DRAWING NOTES:**

A. REFER TO MECHANICAL EQUIPMENT CIRCUITING SCHEDULE, KITCHEN EQUIPMENT CIRCUITING SCHEDULE AND ELECTRICAL PANELBOARD SCHEDULE FOR ADDITIONAL INFORMATION.

**KITCHEN EQUIPMENT CIRCUITING SCHEDULE**

EQUIPMENT DESIGNATION	LOAD	VOLTAGE	PHASE	SOURCE	CIRCUIT BREAKER	FEEDER	NOTES
REACH-IN REFRIGERATOR	13.1 A	120	1	KP-1/B	20A/1P	2#12,1#12 GND.,1/2"C.	A
COFFEE UNIT	15 A	120	1	KP-1/J10	20A/1P	2#12,1#12 GND.,1/2"C.	A
HOT CHOCOLATE MACHINE	1800 W	120	1	KP-1/J12	20A/1P	2#12,1#12 GND.,1/2"C.	A
(2) MICROWAVE OVENS	1200 W	120	1	KP-1/J14,38	20A/1P	2#12,1#12 GND.,1/2"C.	A
UNDERCOUNTER REFRIGERATOR	7.6 A	120	1	KP-1/J16	20A/1P	2#12,1#12 GND.,1/2"C.	A
FRENCH FRY WARMER	6.3 A	120	1	KP-1/B	20A/1P	2#12,1#12 GND.,1/2"C.	A
NACHO CHIP WARMER	155 W	120	1	KP-1/20	20A/1P	2#12,1#12 GND.,1/2"C.	A
NACHO CHEESE WARMER	530 W	120	1			2#12,1#12 GND.,1/2"C.	A
PRETZEL DISPLAY	225 W	120	1	KP-1/24	20A/1P (ST)	2#12,1#12 GND.,1/2"C.	A
GRIDDLE	1 A	120	1			2#12,1#12 GND.,1/2"C.	A
GRIDDLE STAND	5.7 A	120	1	KP-1/29	20A/1P (ST)	2#12,1#12 GND.,1/2"C.	(2)A
FRYER SYSTEM	3.5A/6.9 A 6.3 A	120	1	KP-1/31	20A/1P (ST)	2#12,1#12 GND.,1/2"C.	A
REACH-IN FREEZER	11.9 A	208	1	KP-1/26,28	20A/2P	3#12,1#12 GND.,1/2"C.	B
CASH REGISTER	-	120	1	KP-1/30	20A/1P	2#12,1#12 GND.,1/2"C.	C
SOFT-SERVE ICE CREAM MACHINE	15 A	208	1	KP-1/32,34	20A/2P	2#12,1#12 GND.,1/2"C.	B
ICE MACHINE	11.8 A	120	1	KP-1/36	20A/1P	2#12,1#12 GND.,1/2"C.	B

- NOTES:**
- PROVIDE NEMA 5-20R (GFCI) DUPLEX RECEPTACLE (SHUNT-TRIP TYPE (ST) WHERE INDICATED).
  - PROVIDE SINGLE POINT DIRECT CONNECTION.
  - PROVIDE NEMA 5-20R DUPLEX RECEPTACLE (GFCI) AND UTILITY BACKBOX, 3/4" CONDUIT, ADJACENT TO DUPLEX RECEPTACLE TO SERVE CASH REGISTER POINT OF SALE (POS).
  - NOT USED.
  - ELECTRICAL CONTRACTOR SHALL MAKE ALL CONNECTIONS FROM ELECTRICAL BREAKER PANEL TO CONTROL PANEL AND INTERCONNECTIONS FROM CONTROL PANEL TO FANS / ACCESSORY ITEMS. REFER TO AQUAMATIC WIRING DIAGRAM FOR ADDITIONAL INFORMATION.
  - PROVIDE SCHEDULED SHUNT-TRIP CIRCUIT BREAKERS (ST) THAT SERVE KITCHEN EQUIPMENT LOCATED UNDER EXHAUST HOOD. PROVIDE REQUIRED UTILITY BACKBOXES IN CEILING SPACE AND NECESSARY INTERCONNECTIONS TO FIRE SUPPRESSION SYSTEM SUCH THAT UPON ACTIVATION OF SYSTEM, POWER TO COOKING EQUIPMENT SHALL SHUT DOWN AND EXHAUST FANS WILL TURN ON. PROVIDE REQUIRED CONDUCTORS AND CONDUIT TO FIRE ALARM SYSTEM.
- GENERAL NOTES:**
- COORDINATE ALL WORK WITH FETECH INC. KITCHEN EQUIPMENT DRAWINGS / INSTALLATION.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE ALL FINAL CONNECTIONS TO EQUIPMENT.
  - PROVIDE SCHEDULED DISCONNECT SWITCHES / FUSES AT UNIT COMPATIBLE WITH VOLTAGE / PHASE / LOAD OF EQUIPMENT.
  - PROVIDE SCHEDULED SHUNT TRIP (ST) TYPE CIRCUIT BREAKERS WHERE INDICATED.
  - REFER TO PLAN ABOVE FOR LOCATIONS AND MOUNTING HEIGHTS (AFF) OF ELECTRICAL DIRECT CONNECTION / WIRING DEVICE.

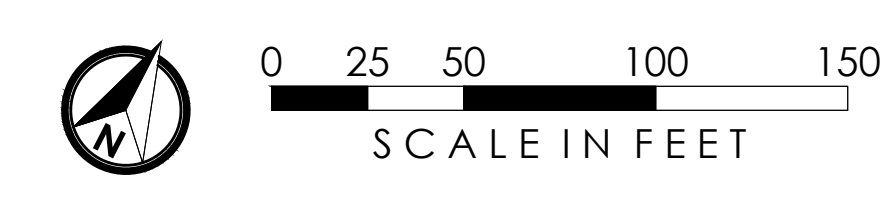
**PANELBOARD KP-1 SCHEDULE**

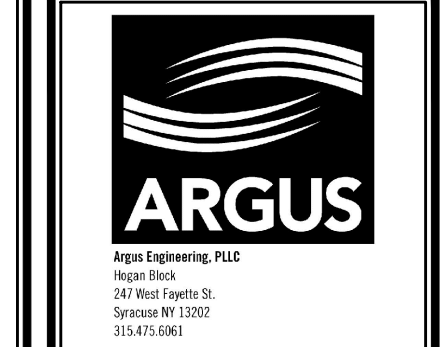
CKT No.	AMPS	POSES	LOAD SERVED	BRANCH CIRCUIT			LOAD - VA			BRANCH CIRCUIT			LOAD SERVED	POSES	CKT No.	
				CONDUIT	PHASE AND NEUTRAL CONDUCTORS	GROUND CONDUCTORS	CONNECTED LOAD	PHASE AND NEUTRAL CONDUCTORS	GROUND CONDUCTORS	CONNECTED LOAD	PHASE AND NEUTRAL CONDUCTORS	GROUND CONDUCTORS				
MAIN BUS: 200 AMP MCB																
VOLTAGE: 208Y/120,3PH,4W																
SOURCE: 45 KVA TRANS.																
LOCATION: MECH RM. 102																
MOUNTING: SURFACE																
MINIMUM AIC: 72K																
1	20	1	USB/RECEPTACLES	1/2"	2#12	1#12	1200	A	1135	1#12	2#12	1/2"	LIGHTING	1	20	2
3	20	1	USB/RECEPTACLES	1/2"	2#12	1#12	800	B	620	1#12	2#12	1/2"	LIGHTING	1	20	4
5	20	1	USB/RECEPTACLES	1/2"	2#12	1#12	1200	C	490	1#12	2#12	1/2"	EXTERIOR LIGHTING	1	20	6
7	20	1	USB/RECEPTACLES	1/2"	2#12	1#12	1200	A	1570	1#12	2#12	1/2"	REACH-IN REFRIDG	1	20	8
9	20	1	USB/RECEPTACLES	1/2"	2#12	1#12	1200	B	1800	1#12	2#12	1/2"	COFFEE UNIT	1	20	10
11	20	1	USB/RECEPTACLES	1/2"	2#12	1#12	1200	C	1800	1#12	2#12	1/2"	HOT CHOC MACHINE	1	20	12
13	20	1	USB/RECEPTACLES	1/2"	2#12	1#12	1200	A	1200	1#12	2#12	1/2"	MICROWAVE	1	20	14
15	20	1	TOILET/RECEPTACLES	1/2"	2#12	1#12	600	B	910	1#12	2#12	1/2"	U.C. REFRIGERATOR	1	20	16
17	20	1	ELEC HAND DRYER	1/2"	2#12	1#12	1200	C	750	1#12	2#12	1/2"	F.F. WARMER	1	20	18
19	20	1	ELEC HAND DRYER	1/2"	2#12	1#12	1200	A	900	1#12	2#12	1/2"	WARMER/DISPLAY	1	20	20
21	20	1	ELEC HAND DRYER	1/2"	2#12	1#12	1200	B	1800	1#12	2#12	1/2"	HOOD EXHAUST	1	20	22
23	20	1	ELEC HAND DRYER	1/2"	2#12	1#12	1200	C	840	1#12	2#12	1/2"	GRIDDLE/STAND	1	20	24
25	20	1	ELEC WATER COOLER	1/2"	2#12	1#12	800	A	1240	1#12	2#12	1/2"	REACH-IN FREEZER	2	20	26
27	20	1	RECEPTACLES	1/2"	2#12	1#12	800	B	1240		2#12	1/2"	REACH-IN FREEZER	2	20	28
29	20	1	FRYER	1/2"	2#12	1#12	1200	C	600	1#12	2#12	1/2"	(2) POS	1	20	30
31	20	1	FRYER	1/2"	2#12	1#12	750	A	1560	1#12	2#12	1/2"	ICE CREAM MACH	2	20	32
33	30	3	MUA-A	1/2"	3#10	1#10	2100	B	1560		2#12	1/2"	ICE MACHINE	1	20	34
35	30	3	MUA-A	1/2"	3#10	1#10	2100	C	1415	1#12	2#12	1/2"	ICE MACHINE	1	20	36
37	30	3	MUA-A	1/2"	3#10	1#10	2100	A	1200	1#12	2#12	1/2"	MICROWAVE	1	20	38
39	20	2	UH-A	1/2"	2#12	1#12	1500	B	1500	1#10	3#6	3/4"	PANEL LV-1	2	60	40
41	20	2	UH-A	1/2"	2#12	1#12	1500	C	1500		3#6	3/4"	PANEL LV-1	2	60	42

**MECHANICAL EQUIPMENT CIRCUITING SCHEDULE**

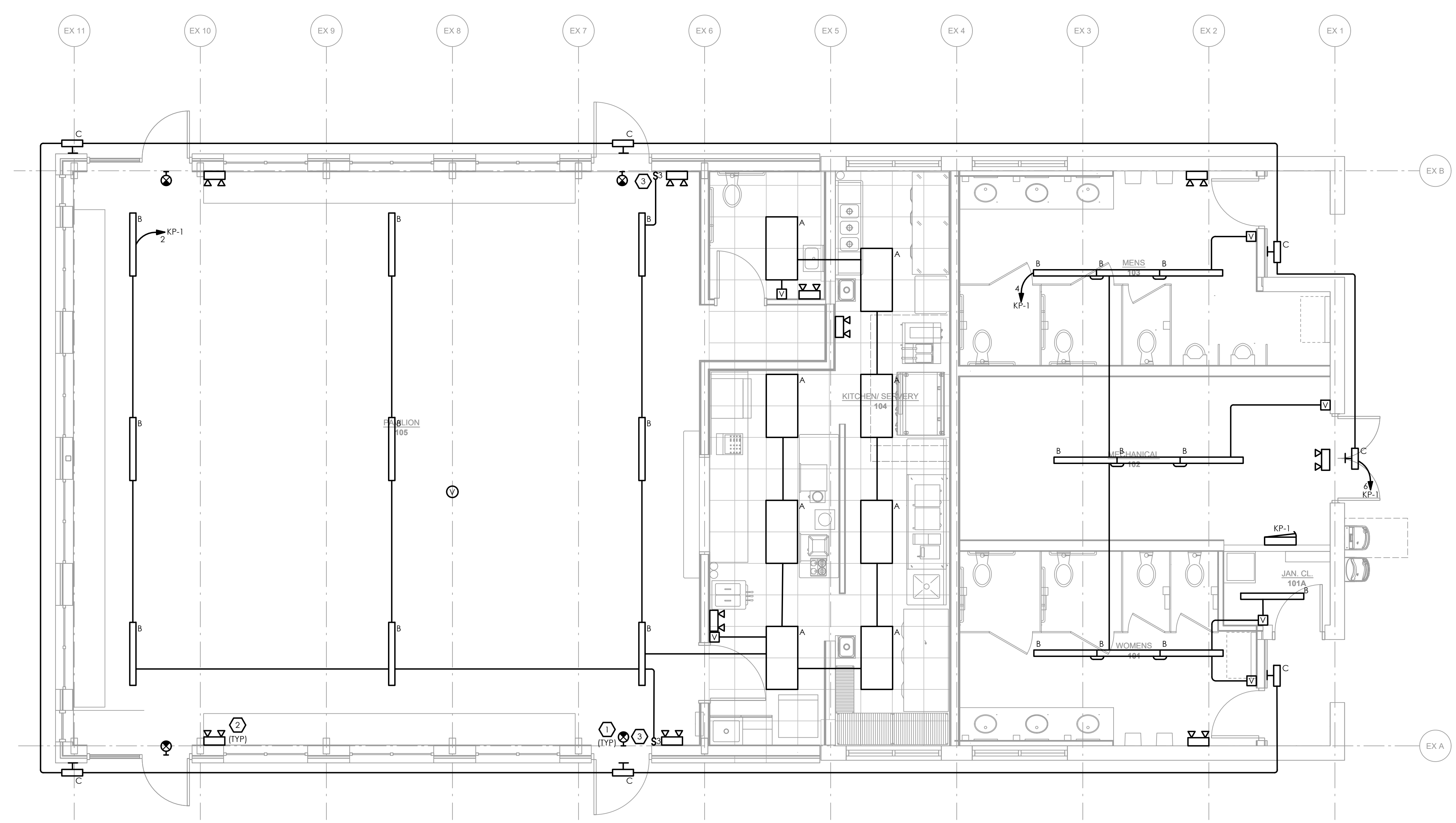
I.D.	DESCRIPTION	LOCATION	LOAD	VOLTS	PHASE	SOURCE	PROTECTIVE DEVICE	STARTER AND / OR DISCONNECT			FEEDER	NOTES
								TYPE	NEMA SIZE	DISCONNECT SIZE		
MUA-A	MAKE-UP AIR UNIT	MECH 102	5 HP	208	3	KP-1	30A/3P	-	-	-	3#10, 1#10, 1/2"C.	-
F-A	EXHAUST FAN	ROOF	1-1/2 HP	208	1	LV-1	20A/1P	-	-	-	2#12, 1#12, 1/2"C.	-
F-B	EXHAUST FAN	ROOF	1/2 HP	208	1	LV-1	20A/1P	-	-	-	2#12, 1#12, 1/2"C.	-
F-C	EXHAUST FAN	BATHROOM	100 W	120	1	KP-1	LITG. CKT.	-	-	-	2#12, 1#12, 1/2"C.	A
UH-A	UNIT HEATER	MECH 102	3 kW	208	1	KP-1	20A/2P	-	-	-	2#12, 1#12, 1/2"C.	-

- NOTES:**
- EXTEND SWITCHED ROOM LIGHTING CIRCUIT TO ACCOMMODATE FAN F.C.
- GENERAL NOTES:**
- COORDINATE WORK WITH OTHER TRADES.
  - PROVIDE DISCONNECT SWITCHES COMPATIBLE WITH VOLTAGE / PHASE OF EQUIPMENT.
  - PROVIDE FINAL CONNECTIONS FROM CONTROLLERS / DISCONNECT SWITCHES TO EQUIPMENT.





Scale



**KEYED NOTES:**

- 1 CIRCUIT EXIT LIGHTS TOGETHER USING 2#12, 1#12 GND., IN 1/2" CONDUIT TO ELECTRICAL PANEL KP-1, CIRCUIT #X.
- 2 CIRCUIT EMERGENCY LIGHTING WALL PACK TO LIGHTING BRANCH CIRCUIT USING 2#12, 1#12 GND., IN 1/2" CONDUIT AHEAD OF SWITCH-LEG SUCH THAT LOSS OF POWER, WALL PACK WILL ENERGIZE.
- 3 PROVIDE ELECTRICALLY HELD, MOMENTARY CONTACT TYPE WALL SWITCH AT LOCATIONS WHERE USED WITH VACANCY SENSOR.

**GENERAL DRAWING NOTES:**

- A. REFER TO LUMINAIRE SCHEDULE AND ELECTRICAL PANELBOARD SCHEDULE FOR ADDITIONAL INFORMATION.

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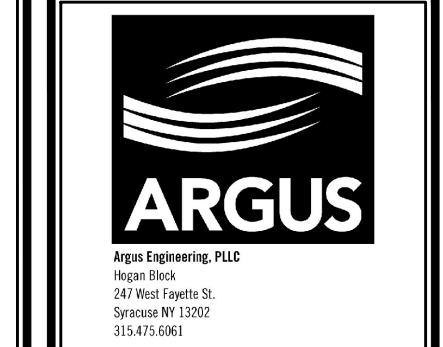
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DATE: December 16, 2024  
DRAWING: FLOOR PLAN - LIGHTING  
SHEET NUMBER: E4



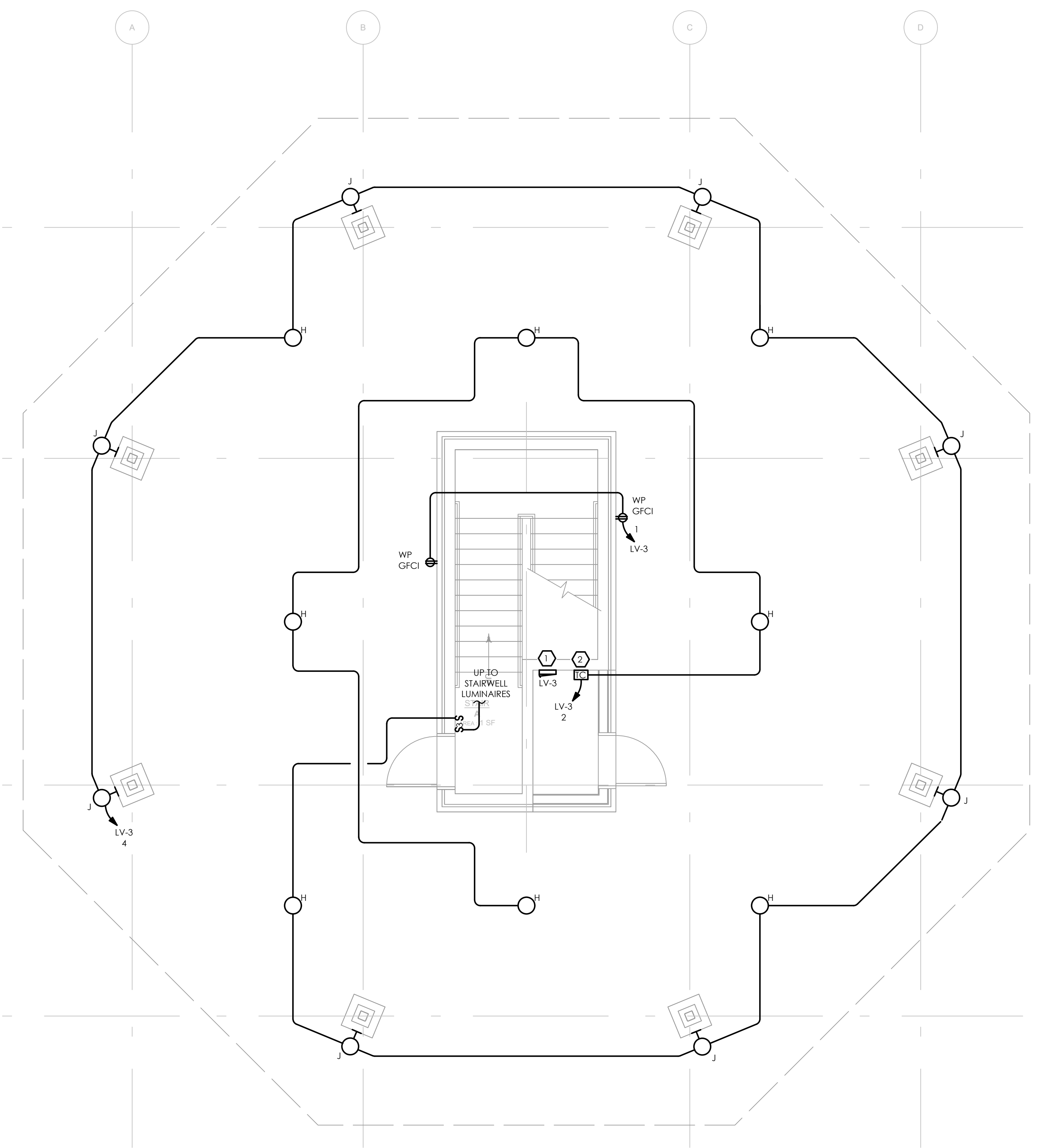


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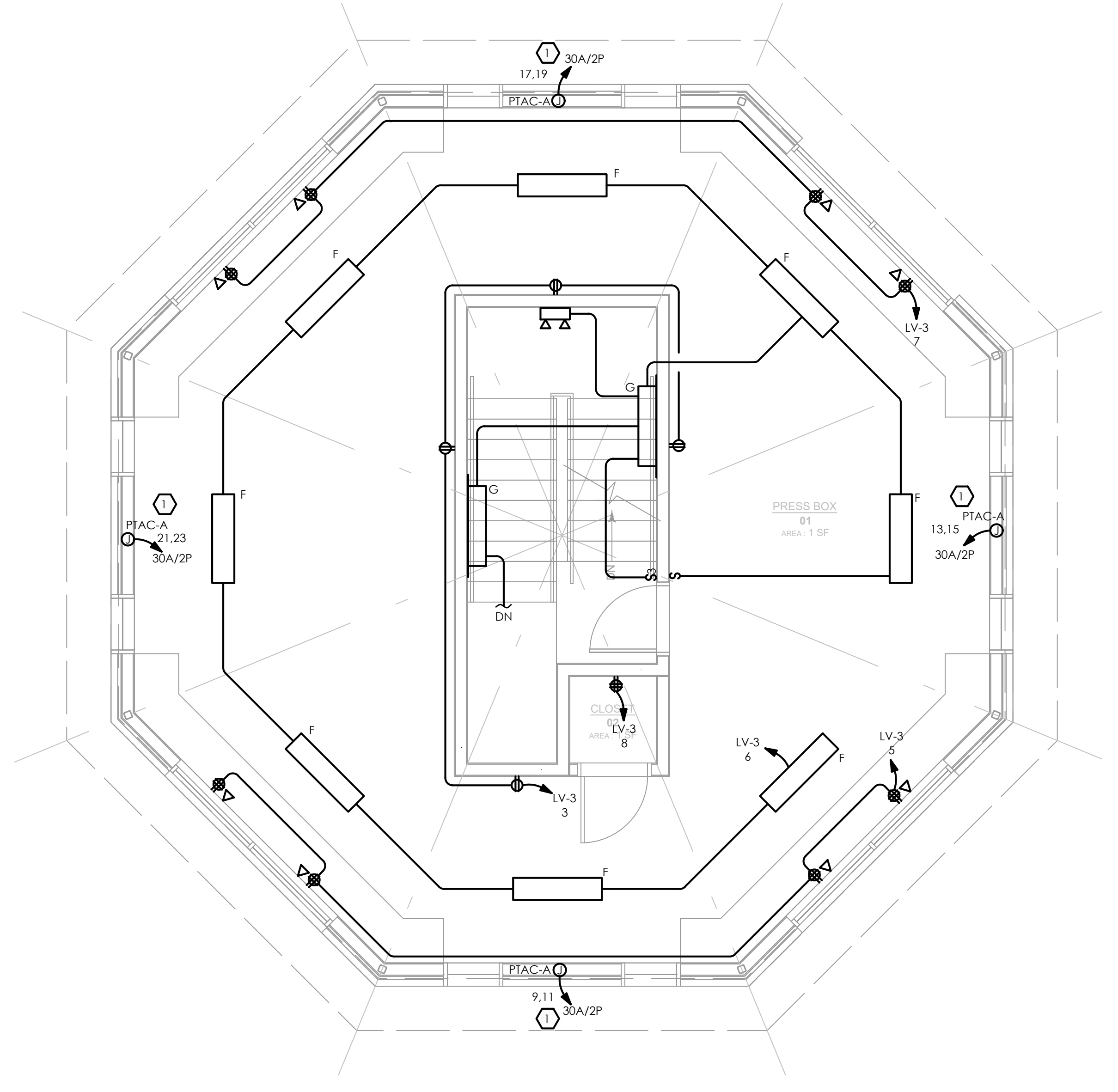
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Date:	December 16, 2024
Project:	PAVILION BUILDING PLANS
Sheet Number:	E5



- KEYED NOTES:**
- ① PROVIDE 100 AMP PANEL LV-3 AT LOCATION SHOWN, REFER TO DRAWINGS E1 AND E5 FOR ADDITIONAL INFORMATION.
  - ② PROVIDE 1-POLE, 24 HOUR, 7 DAY/WEEK TIME CLOCK TO AUTOMATICALLY CONTROL INDICATED TYPE 'C' LUMINAIRES.



- KEYED NOTES:**
- ① PROVIDE NECESSARY UTILITY BACKBOX AND CIRCUITING AS INDICATED TO ACCOMMODATE MECHANICAL EQUIPMENT SCHEDULED.





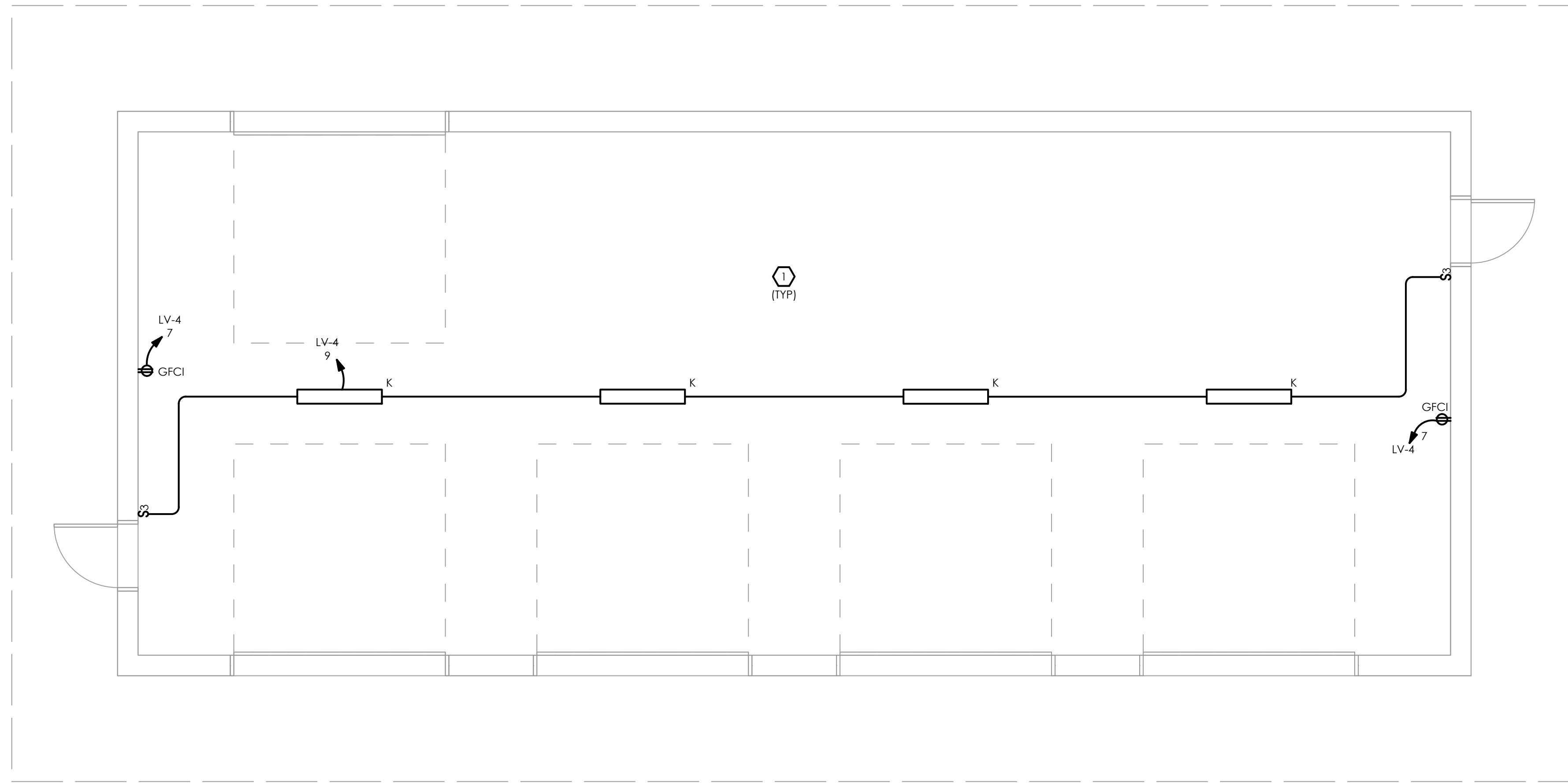
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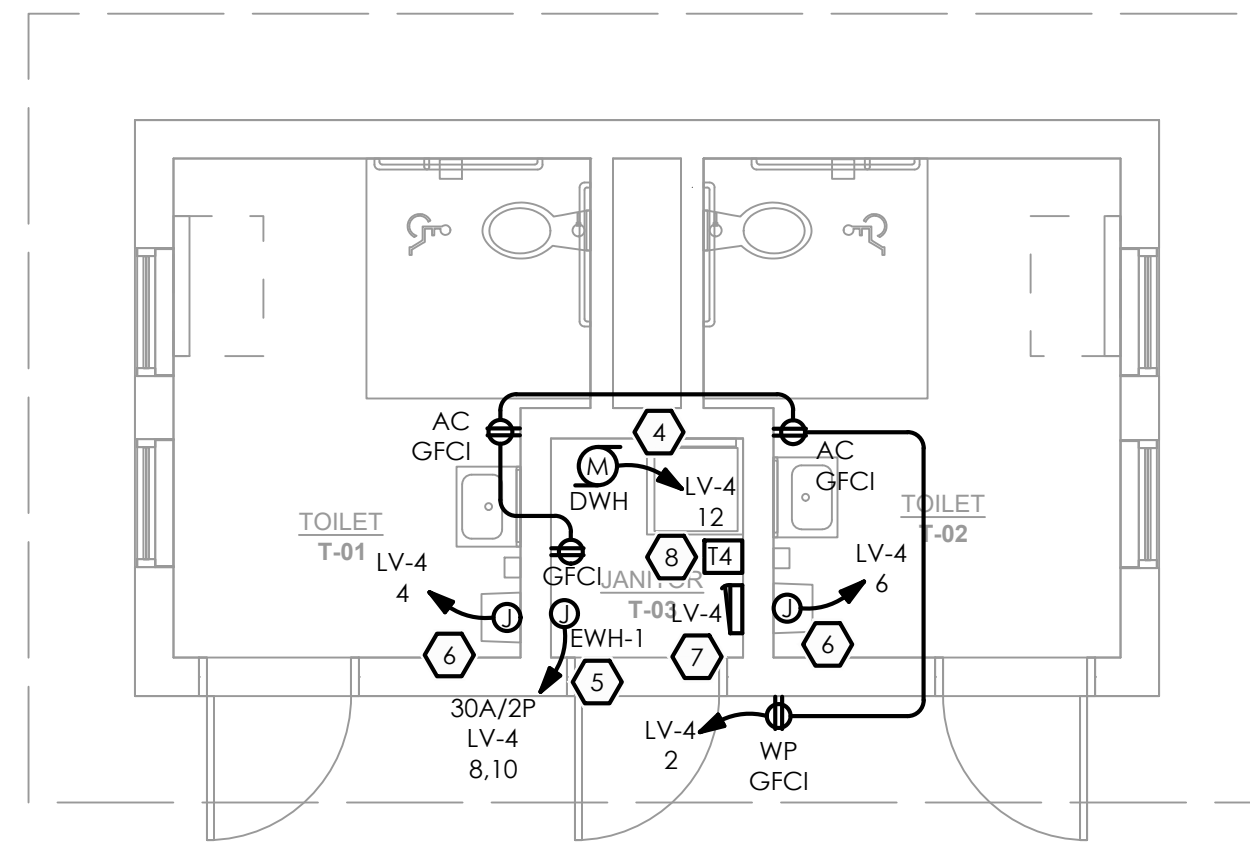
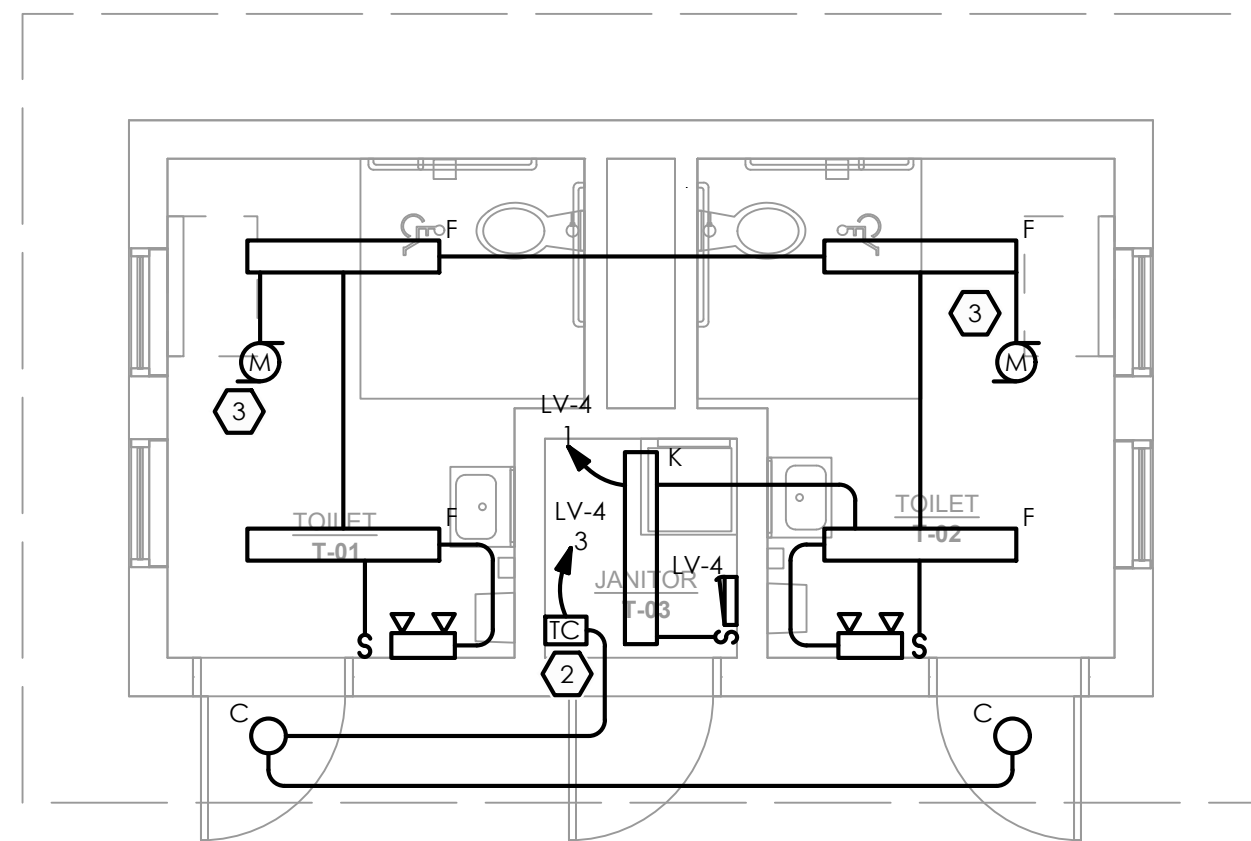
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KEYED NOTES:

- 1 PROVIDE INDICATED DEVICES AND CIRCUITING SERVED FROM BATHROOM BUILDING.
- 2 PROVIDE 1-POLE, 24 HOUR, 7 DAY/WEEK TIME CLOCK TO AUTOMATICALLY CONTROL TYPE 'C' LUMINAIRES.
- 3 EXTEND SWITCHED LIGHTING CIRCUIT TO ACCOMMODATE EXHAUST FAN.
- 4 PROVIDE INDICATED CIRCUITING AND SINGLE POINT CONNECTION TO DOMESTIC WATER HEATER.
- 5 PROVIDE NECESSARY UTILITY BACKBOX AND CIRCUITING AS INDICATED TO ACCOMMODATE ELECTRIC WALL HEATER.
- 6 PROVIDE NECESSARY UTILITY BACKBOX AND CIRCUITING AS INDICATED TO ACCOMMODATE ELECTRIC HAND DRYER.
- 7 PROVIDE 100 AMP PANEL (60A MCB) LV-4 AT LOCATION SHOWN. REFER TO DRAWINGS E1 AND E8 FOR ADDITIONAL INFORMATION.
- 8 PROVIDE WALL MOUNTED TRANSFORMER T-4 AT LOCATION SHOWN TO SERVE PANEL LV-4.



1	MAINTENANCE BUILDING
E6	SCALE: 1/4" = 1'-0"



GENERAL DRAWING NOTES:

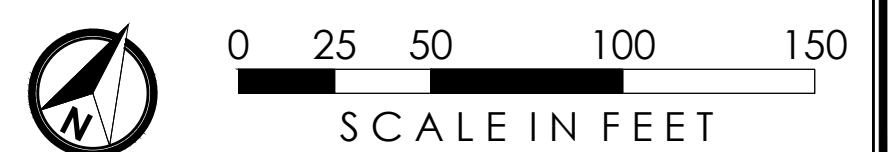
- A. REFER TO DRAWINGS E1, E7 AND E8 FOR ADDITIONAL INFORMATION AND COORDINATION.

Revision:	
No. Date Issued For:	
Project Number:	XXX
Drawn By:	MHW
Checked By:	JWD
Scale:	NO SCALE

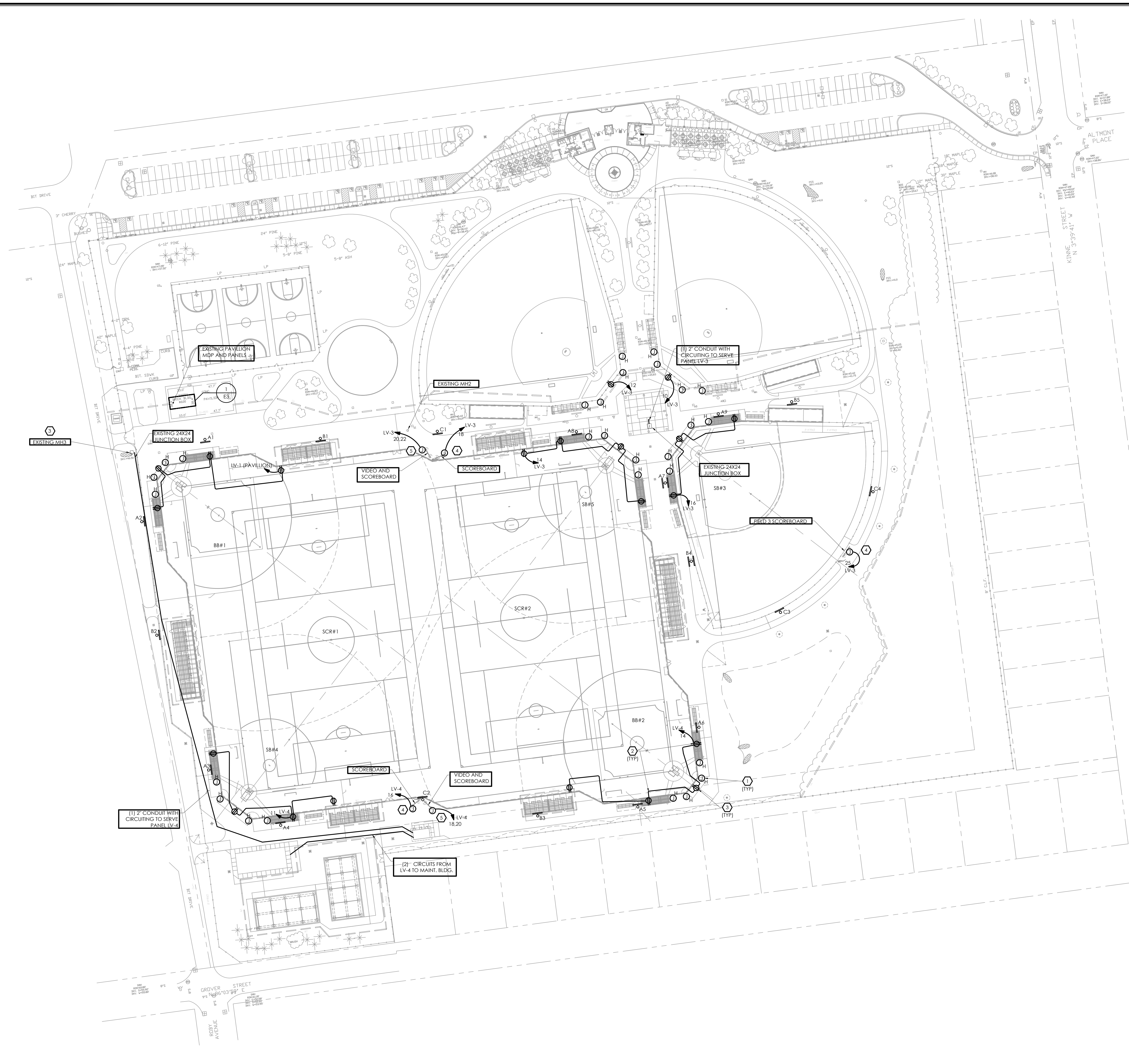
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DATE: December 16, 2024  
DRAWING: MAINTENANCE BUILDING AND TOILET ROOM PLANS  
SHEET NUMBER:

E6



2	TOILET ROOMS
E6	SCALE: 1/4" = 1'-0"



- KEYED NOTES:**
- 1 PROVIDE UTILITY BACKBOX (TYPICAL QTY. FOUR AT EACH BACKSTOP) MOUNTED AT APPROXIMATELY 15 FT AFG TO ACCOMMODATE HUDI SYSTEM CAMERAS.
  - 2 PROVIDE WEATHERPROOF, GFCI TYPE RECEPTACLE WITHIN DUGOUT (EXACT LOCATION TBD) AND CIRCUIT AS SHOWN.
  - 3 PROVIDE WEATHERPROOF, GFCI RECEPTACLE ON BACKSTOP (EXACT LOCATION TBD) AND CIRCUIT AS SHOWN.
  - 4 PROVIDE NECESSARY JUNCTION BOX AND CIRCUITING INDICATED TO ACCOMMODATE SCOREBOARD.
  - 5 PROVIDE NECESSARY JUNCTION BOX AND CIRCUITING INDICATED TO ACCOMMODATE VIDEO REPLAY BOARD.

POLE/FIXTURE SUMMARY				
POLE ID	POLE HEIGHT	MTG HEIGHT	FIXTURE QUANTITY	LUMINAIRE TYPE
A1	70'	70'	1	TCL-LED-900
		70'	3	TCL-LED-1200
		16'	1	TCL-BT-575
A2	70'	70'	1	TCL-LED-900
		70'	3	TCL-LED-1200
		16'	1	TCL-BT-575
A3	60'	60'	2	TCL-LED-900
		60'	1	TCL-LED-1200
		16'	1	TCL-BT-575
A4	60'	60'	2	TCL-LED-900
		60'	1	TCL-LED-1200
		16'	1	TCL-BT-575
A5	70'	70'	4	TCL-LED-900
		70'	1	TCL-LED-1200
		16'	1	TCL-BT-575
A6	70'	70'	4	TCL-LED-900
		70'	1	TCL-LED-1200
		16'	1	TCL-BT-575
A7	60'	60'	1	TCL-LED-900
		60'	2	TCL-LED-1200
		16'	1	TCL-BT-575
A8	60'	60'	3	TCL-LED-900
		60'	1	TCL-LED-1200
		16'	1	TCL-BT-575
A9	60'	60'	3	TCL-LED-900
		60'	1	TCL-LED-1200
		16'	1	TCL-BT-575
B1	100'	100'	9	TCL-LED-1500
		20'	3	TCL-BT-575
		100'	4	TCL-LED-1500
B2	100'	100'	10	TCL-LED-1500
		20'	3	TCL-BT-575
		100'	5	TCL-LED-1500
B3	100'	100'	5	TCL-LED-1500
		20'	3	TCL-BT-575
		100'	9	TCL-LED-1500
B4	100'	100'	2	TCL-LED-1200
		100'	2	TCL-LED-900
		20'	3	TCL-BT-575
B5	70'	70'	2	TCL-LED-900
		16'	1	TCL-BT-575
		100'	6	TCL-LED-1500
C1	100'	100'	1	TCL-LED-1200
		25'	3	TCL-BT-575
		100'	8	TCL-LED-1500
C2	100'	16'	3	TCL-BT-575
		60'	2	TCL-LED-900
		60'	1	TCL-LED-1200
C3	60'	16'	1	TCL-BT-575
		60'	2	TCL-LED-900
		60'	1	TCL-LED-1200
C4	60'	60'	2	TCL-LED-900
		60'	1	TCL-LED-1200
		16'	1	TCL-BT-575



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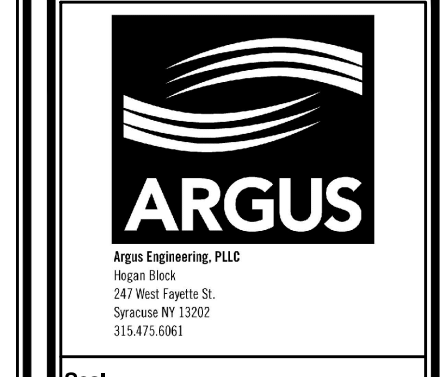
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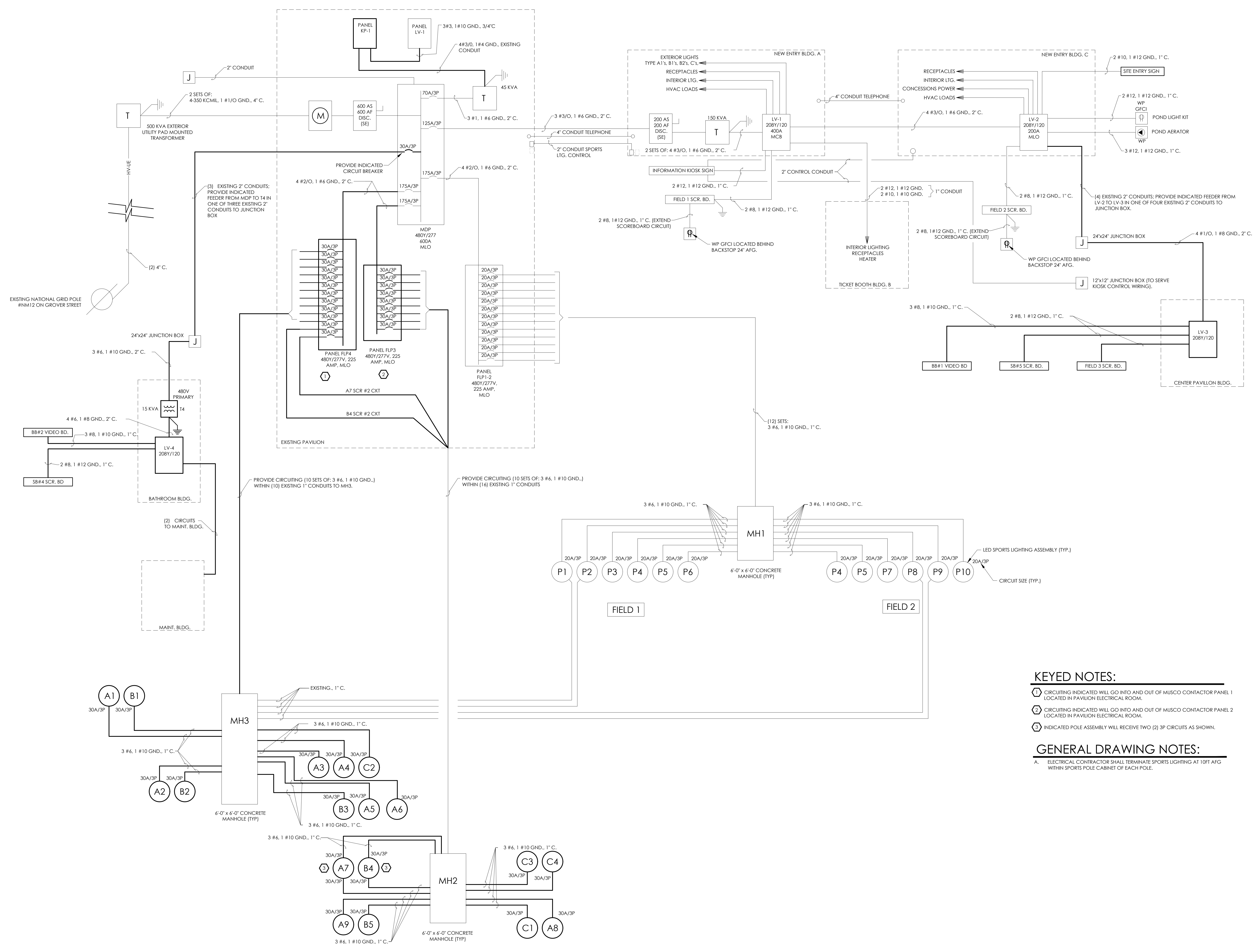
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Date: December 16, 2024  
Drawing: SITE PLAN - LIGHTING  
Sheet Number: E7



Sheet

**Willis V. Carrier Recreation Center - Phase 3**  
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**KEYED NOTES:**

- 1 CIRCUITING INDICATED WILL GO INTO AND OUT OF MUSCO CONTACTOR PANEL 1 LOCATED IN PAVILION ELECTRICAL ROOM.
- 2 CIRCUITING INDICATED WILL GO INTO AND OUT OF MUSCO CONTACTOR PANEL 2 LOCATED IN PAVILION ELECTRICAL ROOM.
- 3 INDICATED POLE ASSEMBLY WILL RECEIVE TWO (2) 3P CIRCUITS AS SHOWN.

**GENERAL DRAWING NOTES:**

- A. ELECTRICAL CONTRACTOR SHALL TERMINATE SPORTS LIGHTING AT 10FT AFG WITHIN SPORTS POLE CABINET OF EACH POLE.

1 ONE-LINE POWER DISTRIBUTION DIAGRAM  
E8 SCALE: 1/4" = 1'-0"

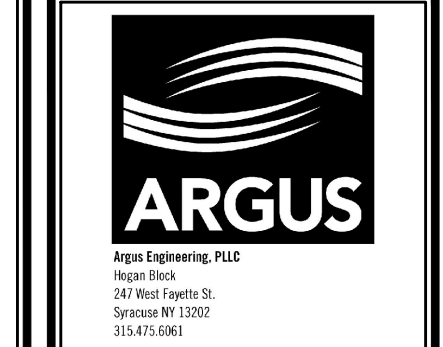
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16th December 16, 2024  
 Drawing: ONE-LINE POWER DISTRIBUTION DIAGRAM  
 Sheet Number: E8

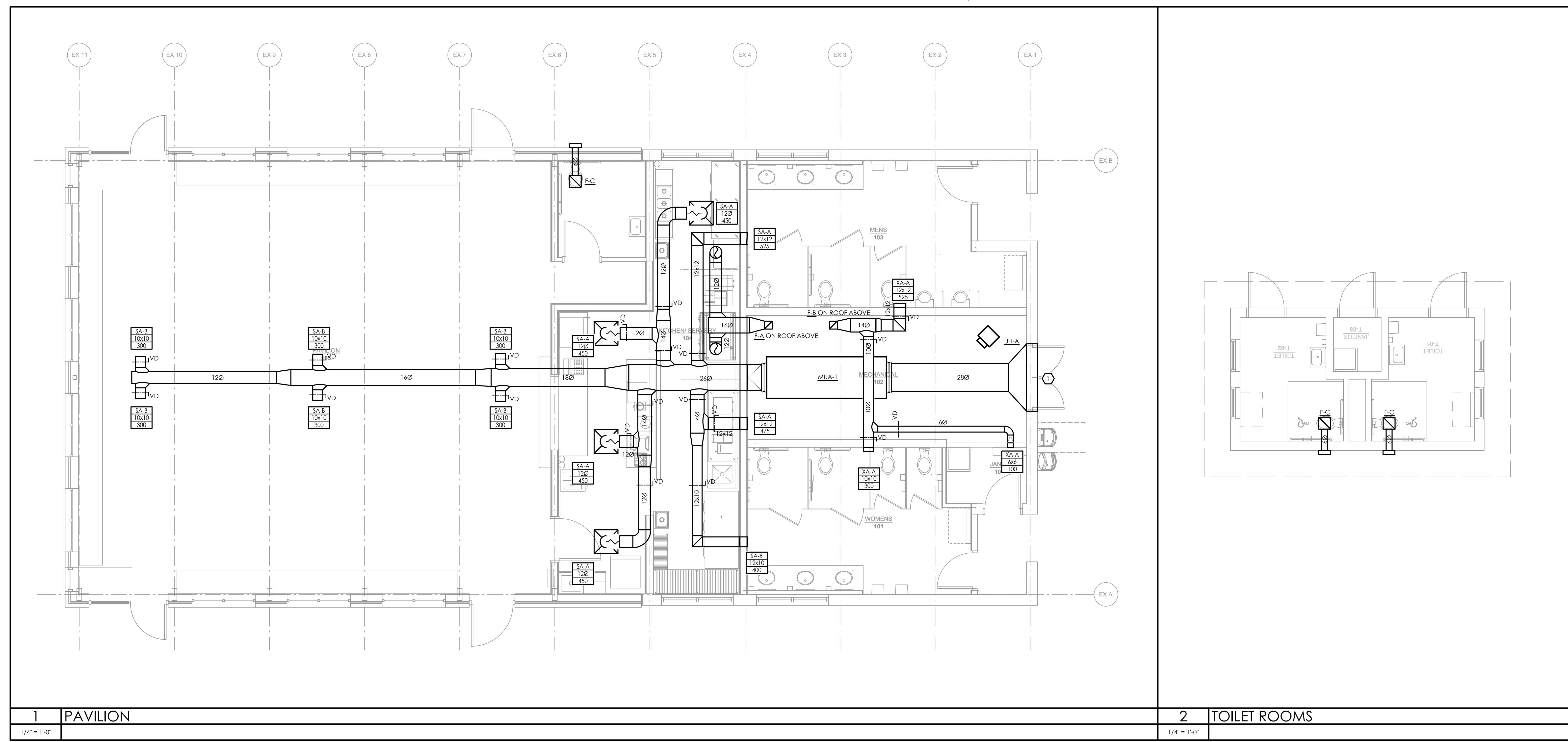




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KEYED NOTES:

68x48 LOUVER ABOVE DOOR.



1	PAVILION	2	TOILET ROOMS
1/4" = 1'-0"		1/4" = 1'-0"	

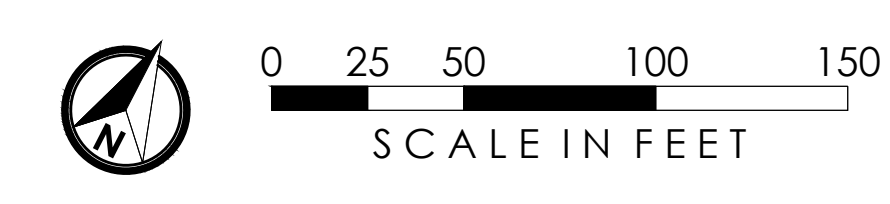
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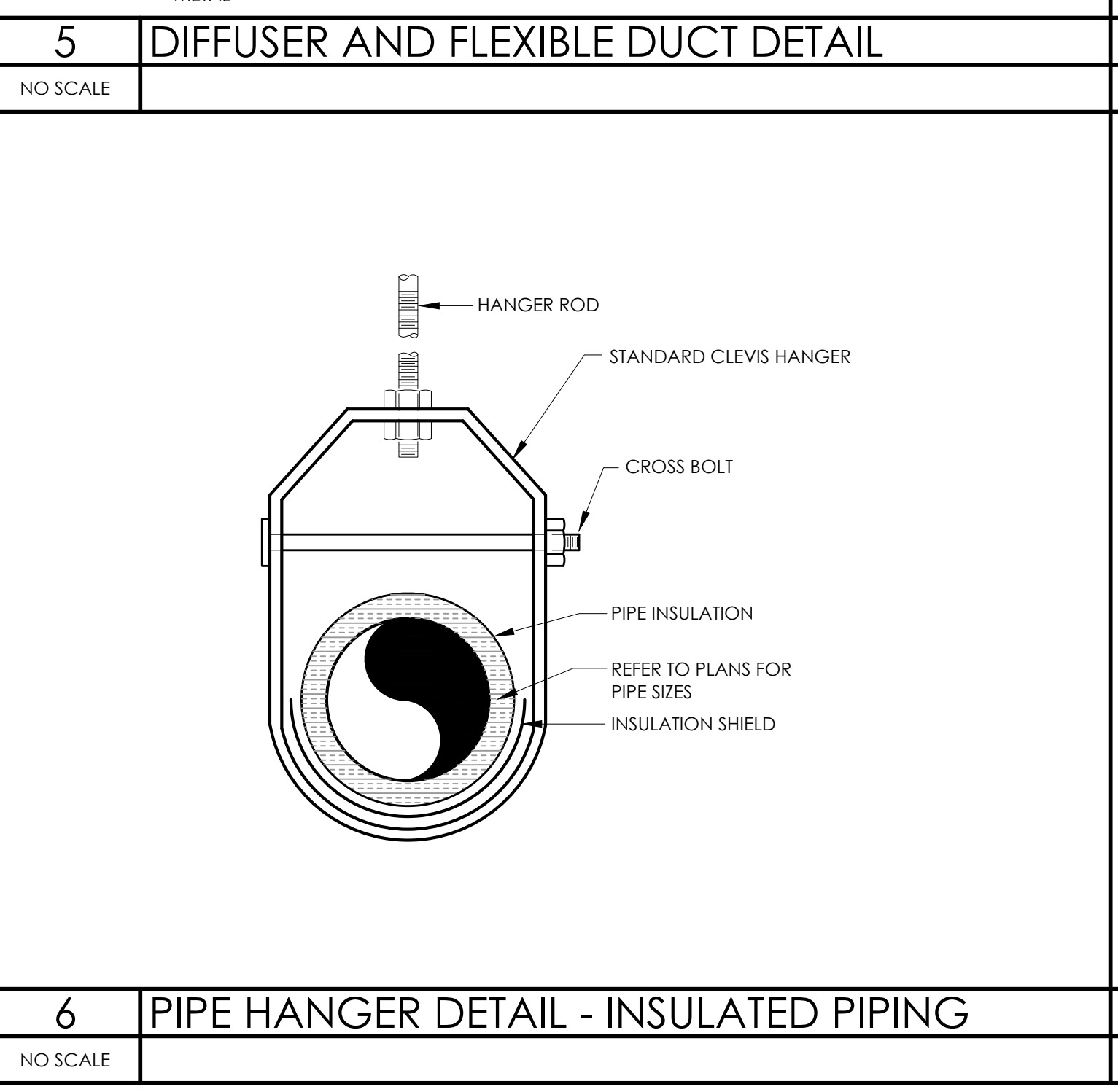
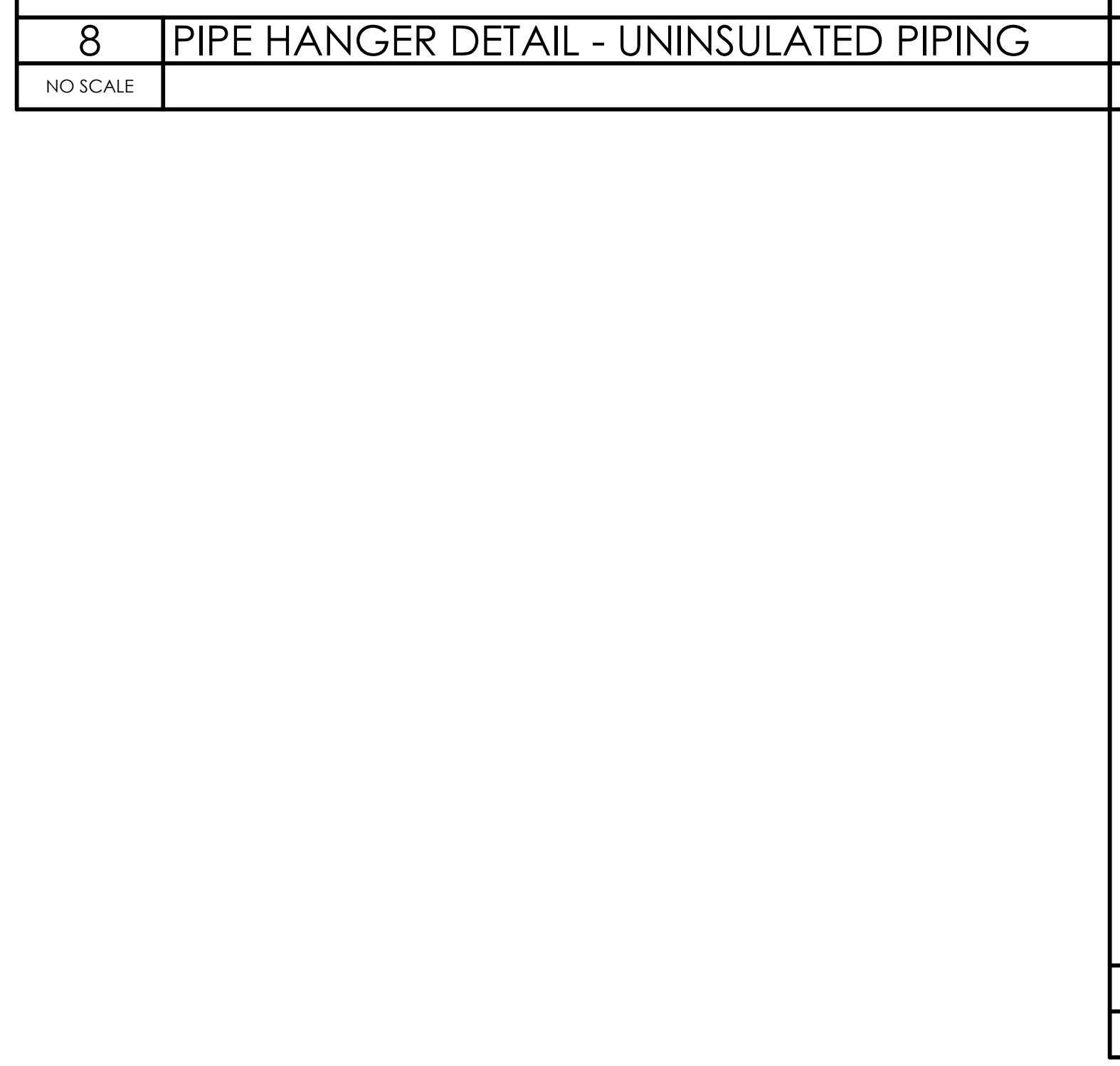
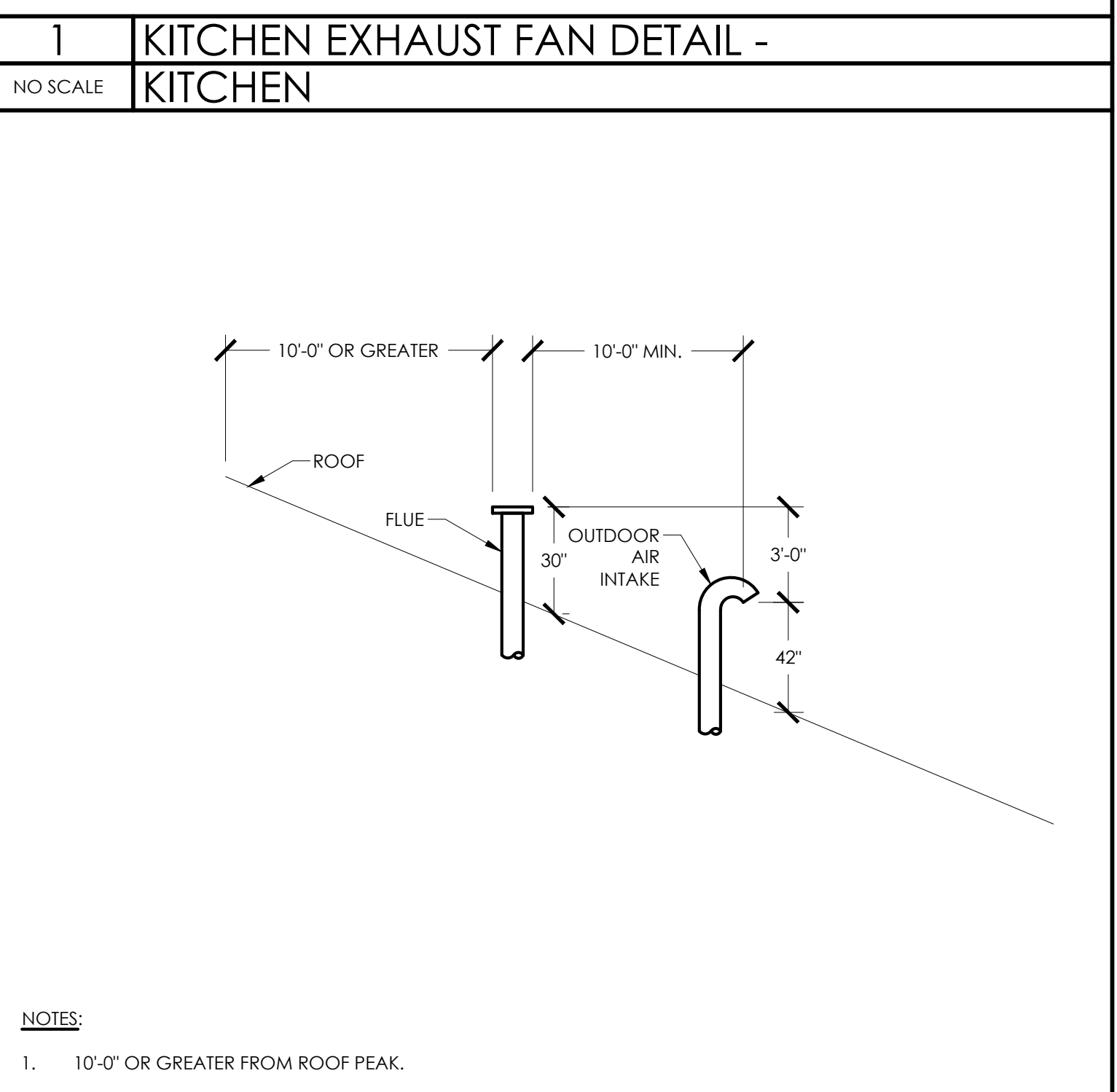
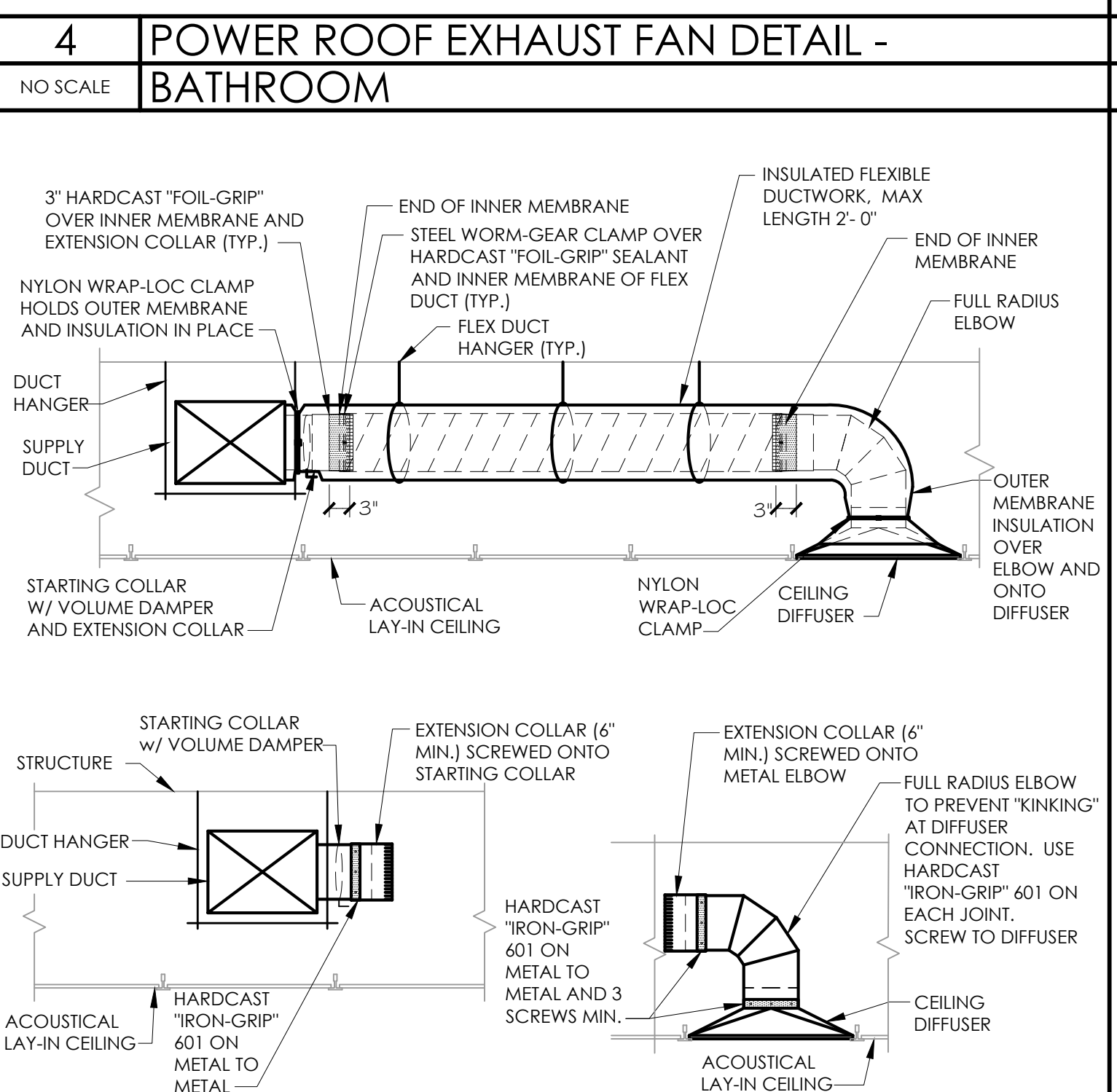
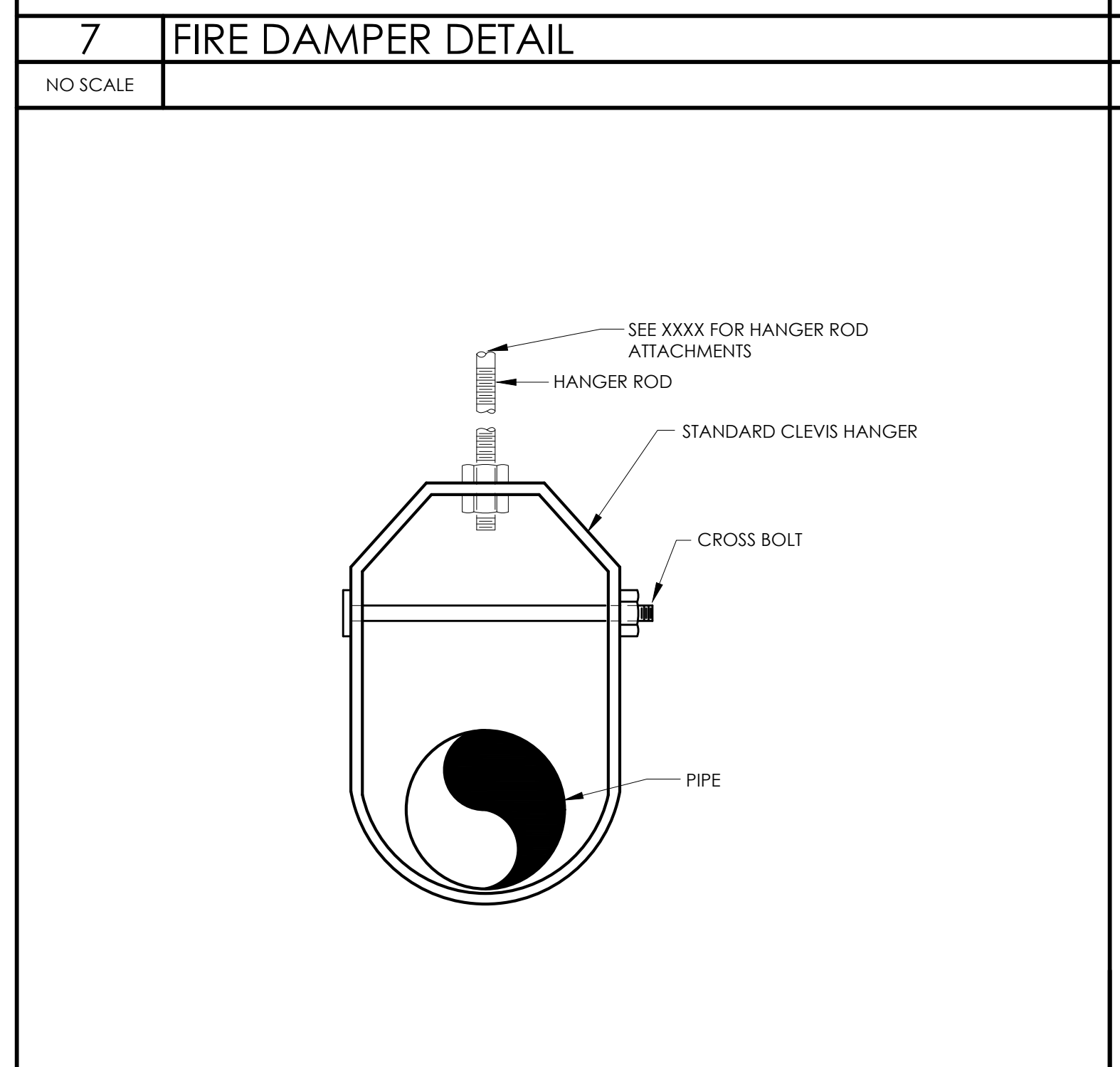
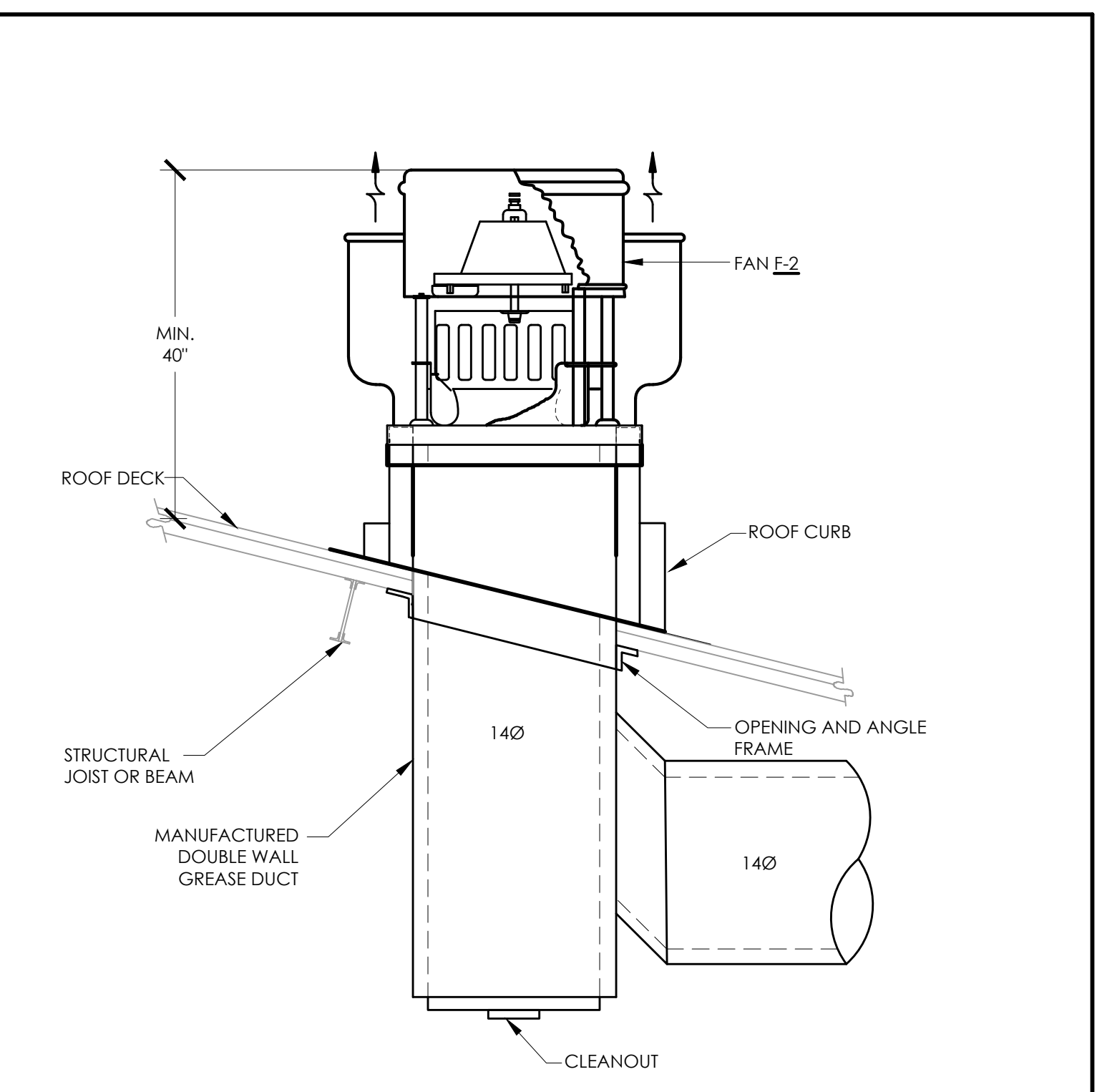
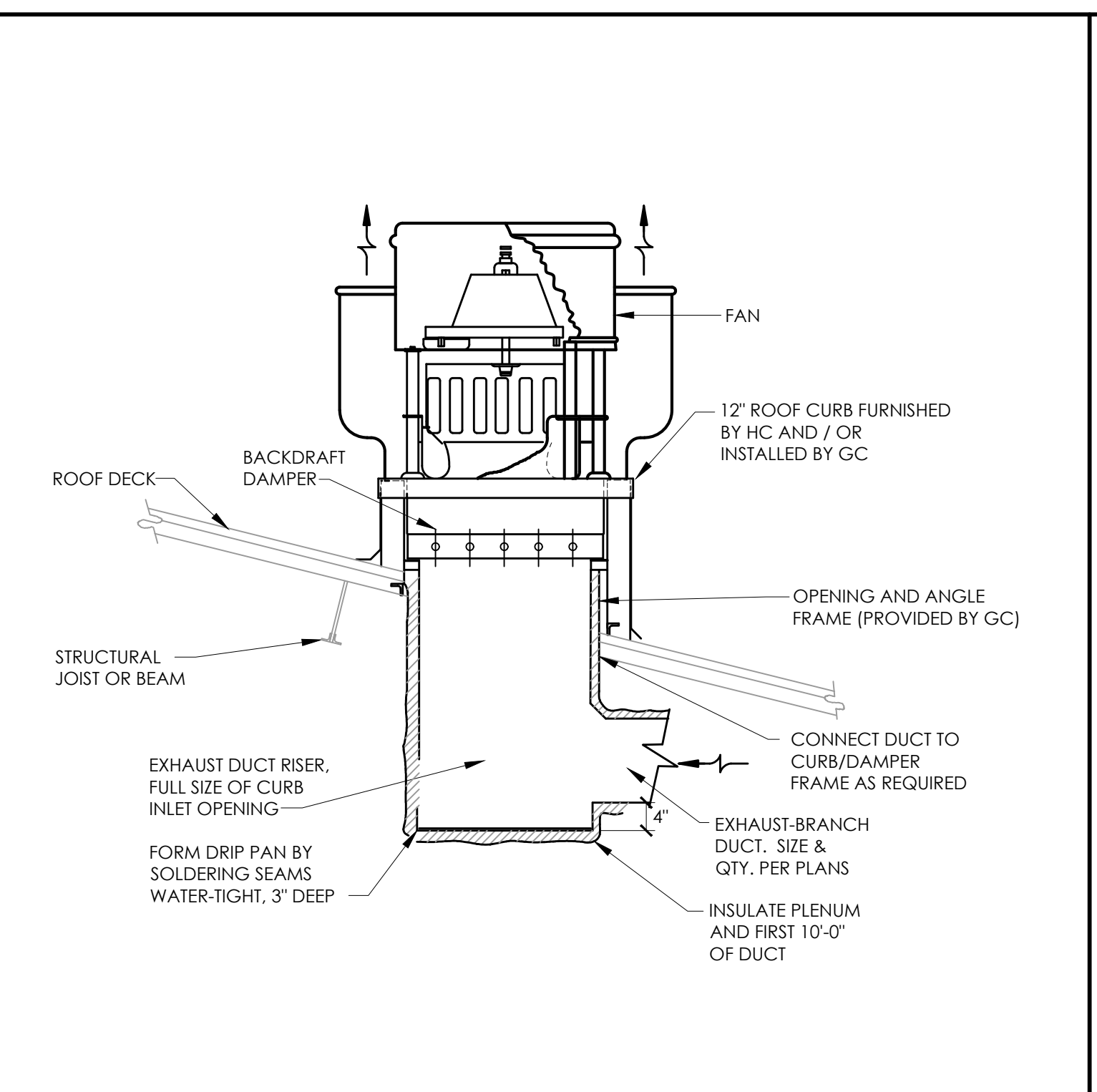
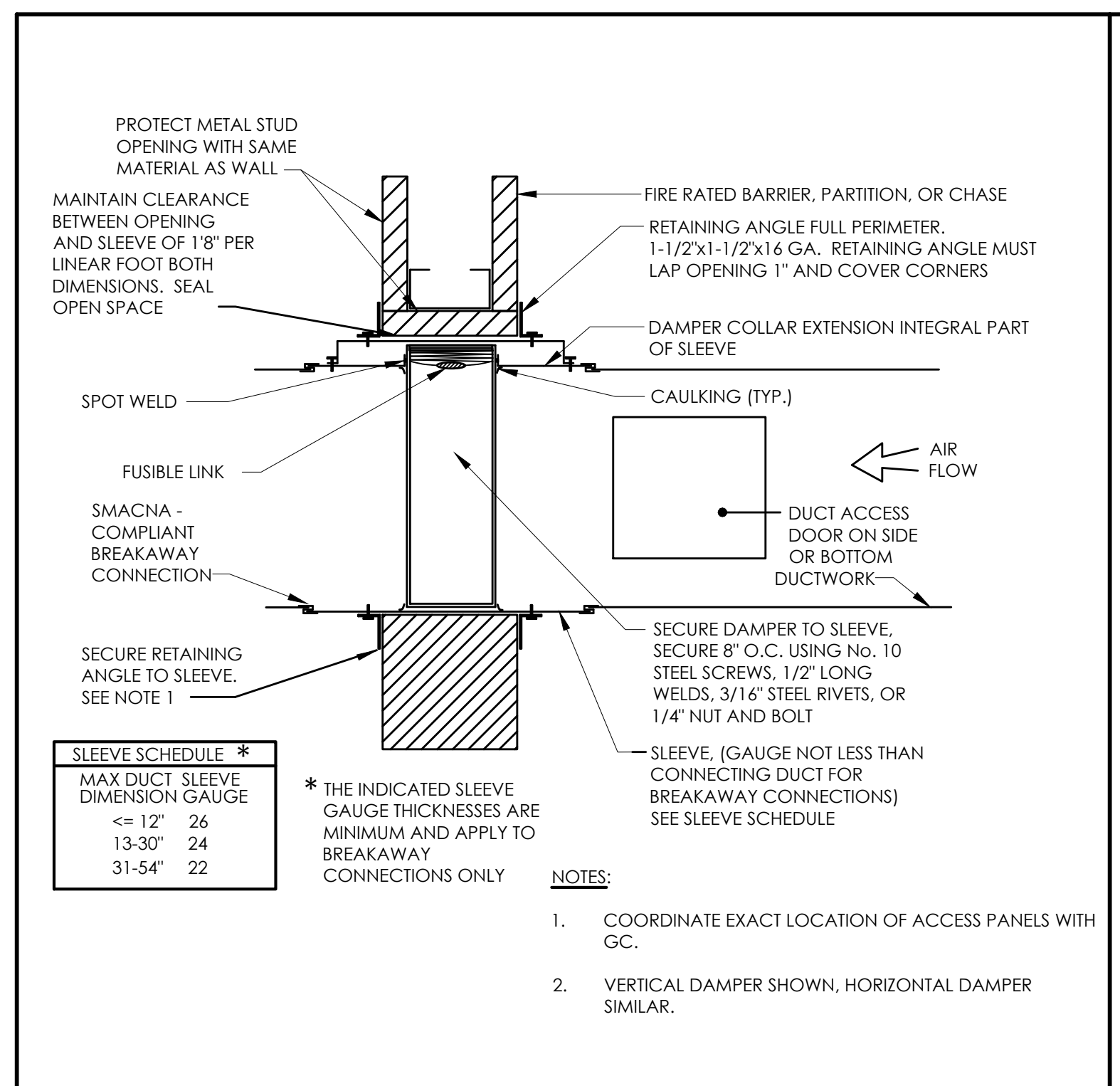
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December 16, 2024  
 Drawing:  
 HVAC FLOOR PLANS

Sheet Number:  
**H2**







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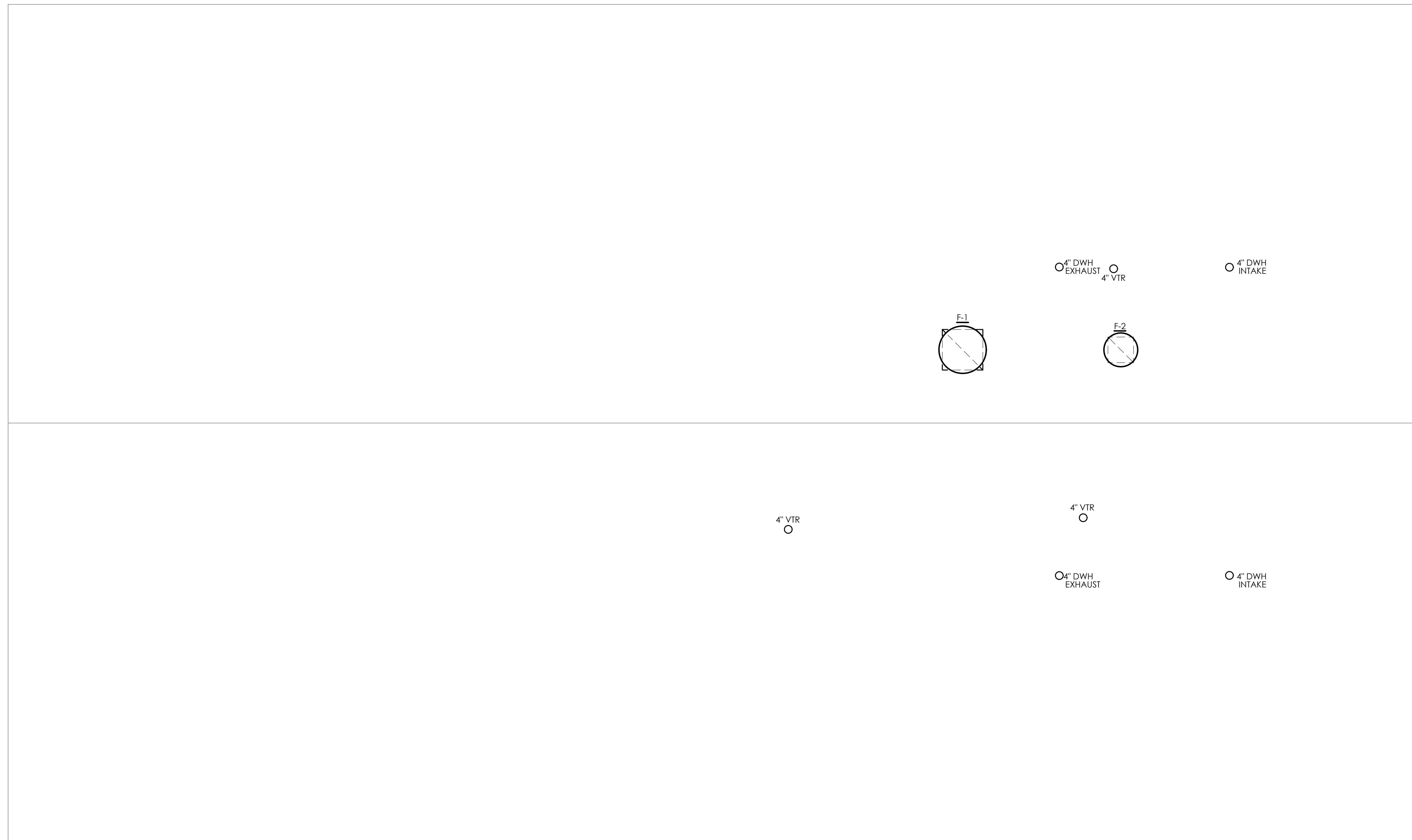
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Date: December 16, 2024  
Drawing: ROOF PLAN  
Sheet Number: MEP-1