

TOWN OF MONTOUR

HAVANA GLEN PARK - BATHHOUSE

35 HAVANA GLEN ROAD MONTOUR FALLS, NY 14865

CONTRACT DOCUMENTS

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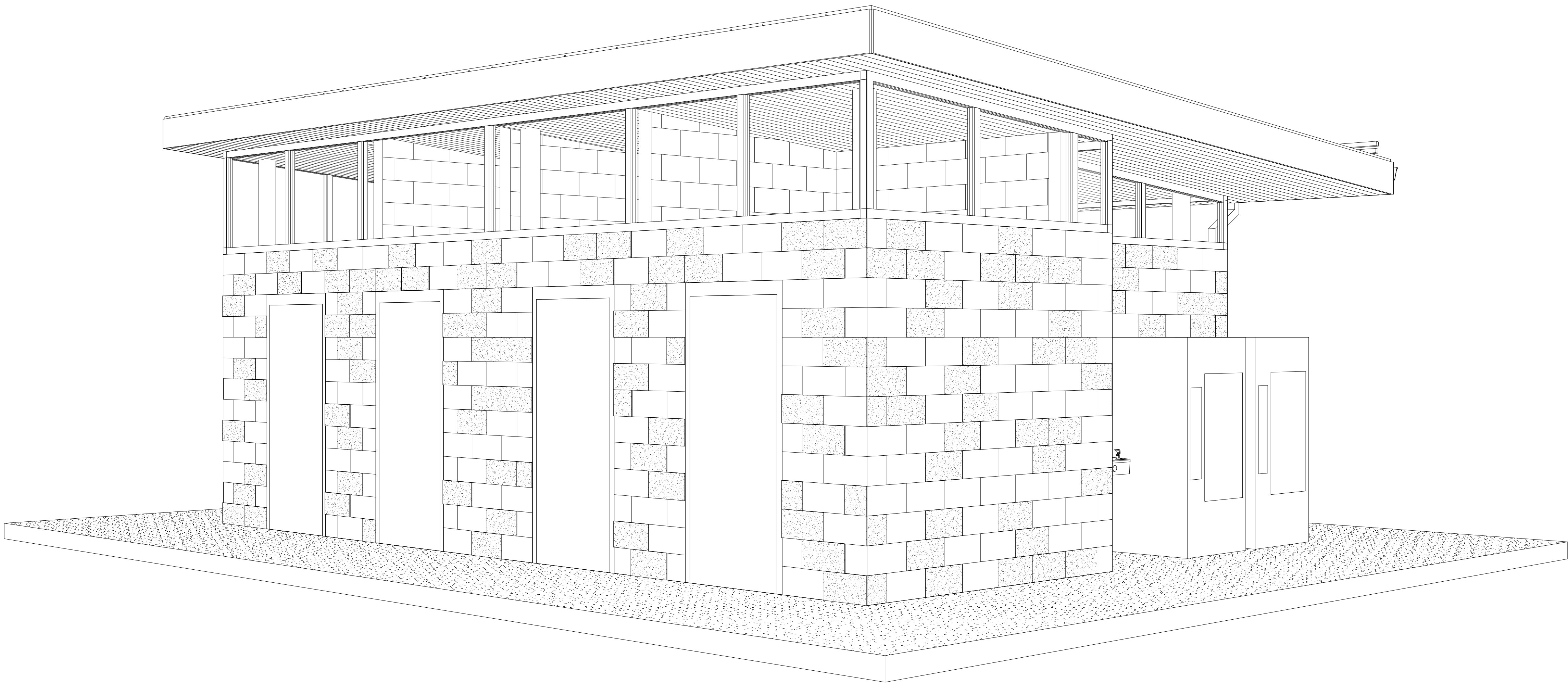
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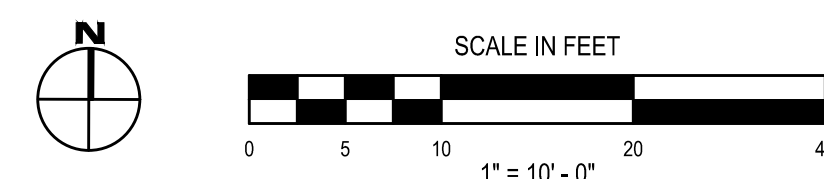
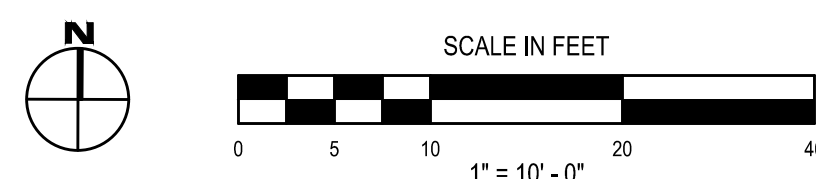


THIS IS TO CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF - THE DESIGN OF THIS PROJECT CONFORMS TO ALL APPLICABLE PROVISIONS AND BUILDING CODE, THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, AND THE NEW YORK STATE ENERGY CONSERVATION CODE.

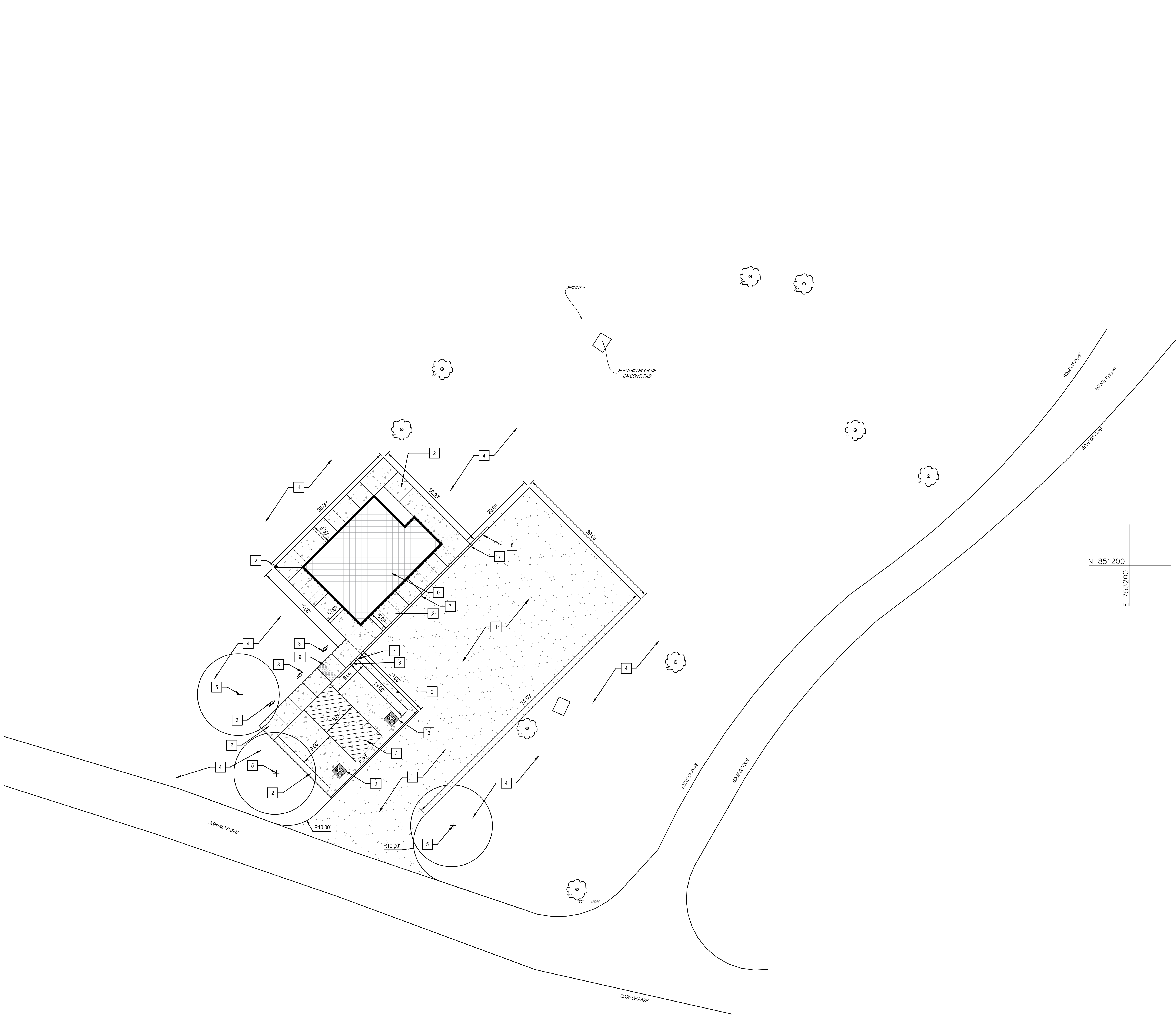
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DATE:		18/10/2025
PHASE:		CD
#	DATE:	DESCRIPTION OF REVISION: ISSUED FOR BID
1	10/28/2025	
IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS BEARING A LICENSED ENGINEER, ARCHITECT OR SURVEYOR'S SEAL.		

ENGINEERS | ARCHITECTS | SURVEYORS

607-363-0300 ROCHESTER, NY 585-537-7949 TOWANDA, PA 570-265-4888
BINGHAMTON, NY 607-733-8800 ALBANY, NY 607-798-5801
WWW.HUNTEAS.COM
NY CERTIFICATE NO. 0018220 PA CERTIFICATE NO. TSC220313464-1



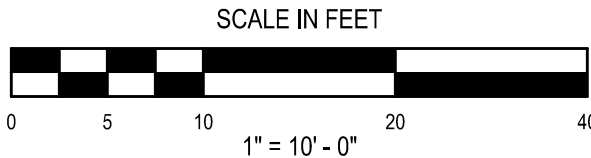
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| PROJECT NO. 1544-010 |
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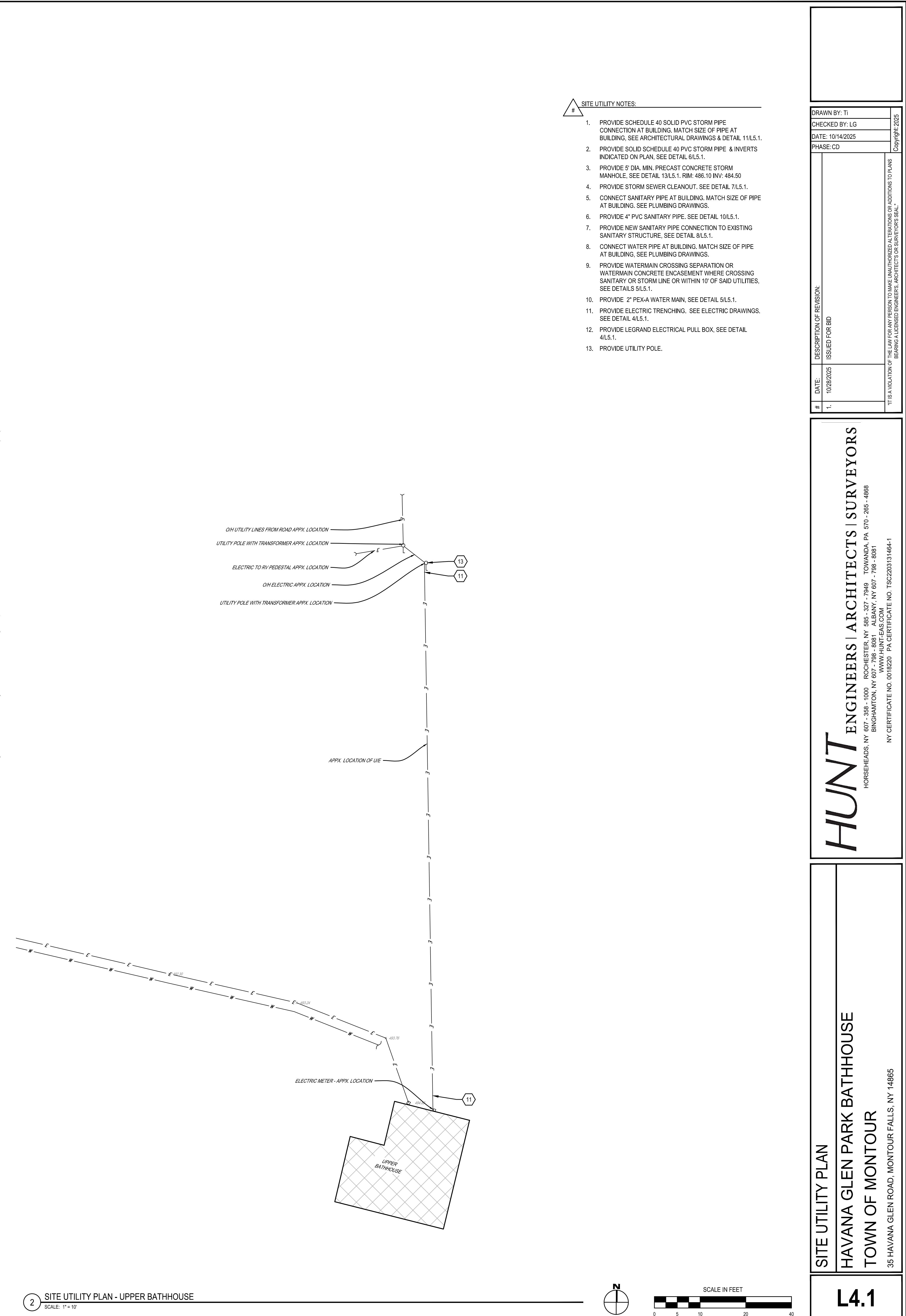
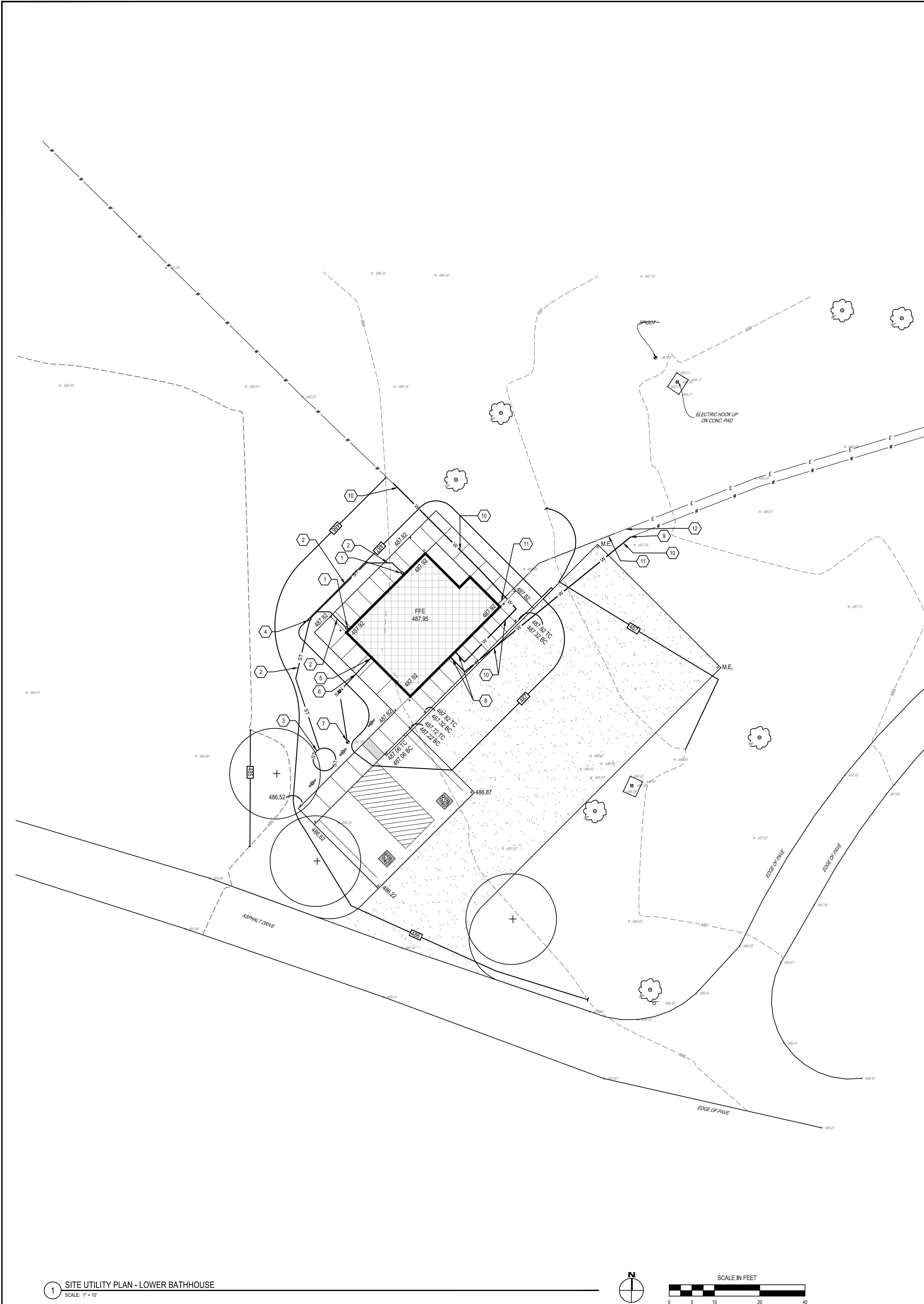
- SITE IMPROVEMENT NOTES:
1. PROVIDE GRAVEL PAVEMENT. SEE DETAIL 12/L5.1.
 2. PROVIDE 3" THICK, FIBER REINFORCED CONCRETE SIDEWALK. SEE DETAIL 1/L5.1.
 3. PROVIDE ACCESSIBLE PARKING STRIPING, SYMBOLS, AND SIGNAGE. SEE DETAIL 2/L5.1.
 4. TOPSOIL, SEED, AND MULCH ALL DISTURBED LAWN AREAS.
 5. PROVIDE TREE. PLATANUS OCCIDENTALIS 2" CAL., SEE DETAIL 3/L5.1.
 6. PROVIDE RESTROOM. SEE ARCHITECTURAL DRAWINGS.
 7. PROVIDE GRANITE CURB. SEE DETAIL 14/L5.1.
 8. PROVIDE GRANITE CURB TAPER. SEE DETAIL 15/L5.1.
 9. PROVIDE ADA TACTILE ACCESS WALK. SEE DETAIL 16/L5.1.

IMPROVEMENTS LEGEND:	
	GRAVEL SURFACING
	CONCRETE SIDEWALK
	PROPOSED BUILDING

1 SITE IMPROVEMENT PLAN
SCALE: 1" = 10'



DRAWN BY: TI		ISSUED FOR BID	DATE: 10/28/2025	DESCRIPTION OF REVISION: 1:	IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS BEARING A LICENSED ENGINEER'S ARCHITECT'S OR SURVEYOR'S SEAL.
CHECKED BY: LG					
DATE: 10/14/2025					
PHASE: CD					
SITE IMPROVEMENT PLAN HAVANA GLEN PARK BATHHOUSE TOWN OF MONTOUR 35 HAVANA GLEN ROAD, MONTOUR FALLS, NY 14865 HUNT ENGINEERS ARCHITECTS SURVEYORS HORSEHEADS, NY 807-363-1100 FORT CRESSY, NY 866-367-7446 TOWN HALL, PA 570-265-4888 BINGHAMTON, NY 807-758-1800 ALBANY, NY 807-758-9351 WWW.HUNTEAS.COM NY CERTIFICATE NO. 001820 PA CERTIFICATE NO. TSC220313464-1 L2.1 PROJECT NO. 1544-010					



16 ADA TACTILE ACCESS WALK DETAIL
SCALE: N.T.S.

15 GRANITE CURB TAPERR DETAIL
SCALE: N.T.S.

14 GRANITE CURB DETAIL
SCALE: N.T.S.

13 DRYWELL DETAIL
SCALE: N.T.S.

12 GRAVEL PAVEMENT DETAIL
SCALE: N.T.S.

11 ROOF DRAIN ADAPTER DETAIL
SCALE: N.T.S.

10 TYPICAL SANITARY SEWER TRENCH DETAIL
SCALE: N.T.S.

9 SANITARY CLEANOUT DETAIL
SCALE: N.T.S.

8 EXISTING SANITARY MANHOLE CONNECTION DETAIL
SCALE: N.T.S.

7 STORM CLEANOUT DETAIL
SCALE: N.T.S.

6 TYPICAL STORM TRENCH DETAIL
SCALE: N.T.S.

5 WATERMAIN TRENCH SECTION
SCALE: N.T.S.

4 TYPICAL ELECTRICAL TRENCH DETAIL
SCALE: 1" = 10'

1 CONCRETE SIDEWALK DETAIL
SCALE: N.T.S.

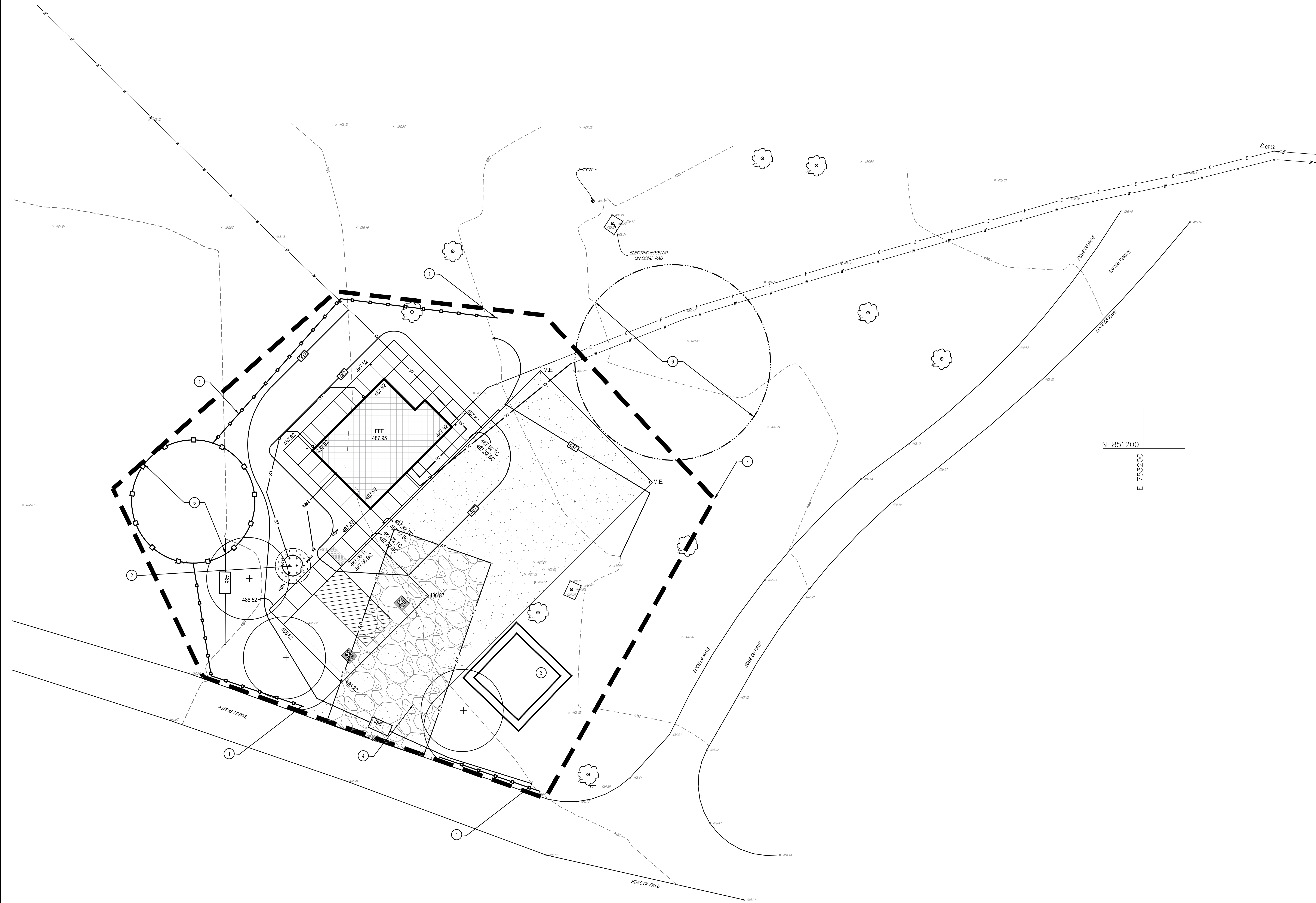
3 DECIDUOUS TREE PLANTING DETAIL
SCALE: N.T.S.

2 ACCESSIBLE PARKING SIGNAGE AND LAYOUT

NOTES:
1. SIGN BOLLARD **NOT** TO BE PAINTED IN FIELD, ONLY TOUCH UPS WITH EXACT PAINT TO BE USED IN FIELD

**** SIGN BOLLARDS TO BE INSTALLED PRIOR TO PAVEMENT TOP COURSE GOING DOWN. CONCRETE BASES SHOULD NOT BE VISIBLE.**

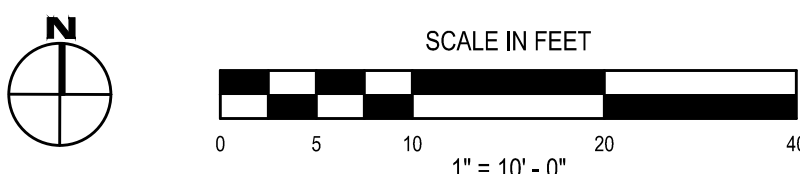
1 CONCRETE SIDEWALK DETAIL
SCALE: N.T.S.



- ② SITE EROSION & SEDIMENT PLAN NOTES:
1. PROVIDE SILT FENCE (TYP.), SEE DETAIL 1/L6.2.
 2. PROVIDE INLET PROTECTION (TYP.), SEE DETAIL 2/L6.2.
 3. PROVIDE CONCRETE WASHOUT AREA, SEE DETAIL 3/L6.2.
 4. PROVIDE CONSTRUCTION ENTRANCE, CONTRACTOR TO CONFIRM FINAL LOCATION WITH DIRECTION BY THE PROPERTY OWNER, SEE DETAIL 4/L6.2.
 5. FINAL SOIL STOCKPILE LOCATIONS TO BE CHOSEN BY THE CONTRACTOR AND PROPERTY OWNER, SEE DETAIL 5/L6.2.
 6. FINAL STAGING AREA LOCATIONS TO BE CHOSEN BY THE CONTRACTOR AND PROPERTY OWNER.
 7. LIMIT OF DISTURBANCE (±11,566 SQ.FT.).

- LEGEND
- INLET PROTECTION
 - EROSION CONTROL BLANKET
 - SILT SOCK
 - STAGING AREA
 - CONCRETE WASHOUT
 - TOPSOIL STOCKPILE
 - LIMIT OF DISTURBANCE

① SITE EROSION & SEDIMENT CONTROL PLAN
SCALE: 1" = 10'



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ISSUED FOR BID		
DATE: 10/28/2025		
BY: T1		
HUNT ENGINEERS ARCHITECTS SURVEYORS HORSEHEADS, NY 807-363-1100 ROCHESTER, NY 807-363-1100 BIRMINGHAM, NY 807-758-1800 ALBANY, NY 807-758-1801 WWW.HUNTEAS.COM NY CERTIFICATE NO. 001820 PA CERTIFICATE NO. TSC220313464-1		
SITE EROSION & SEDIMENT CONTROL PLAN HAVANA GLEN PARK BATHHOUSE TOWN OF MONTOUR 35 HAVANA GLEN ROAD, MONTOUR FALLS, NY 14865		
L6.1		

I. EROSION & SEDIMENT POLLUTION CONTROL (E & SPC) GUIDELINES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING EROSION AND SEDIMENT CONTROL TO PROTECT DOWNSTREAM WATER BODIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION CONTROL AND MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL FACILITIES TO ENSURE PROPER FUNCTIONING OF SAID FACILITIES (DURING CONSTRUCTION).
3. AFTER THE PROJECT HAS BEEN COMPLETED, THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY FOR ENSURING THAT ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR REPLACED BY PERMANENT CONTROLS.
4. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN FIVE (5) DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL AT A RATE OF 2.5 - 3.0 TONS PER ACRE, ACCORDING TO STATE STANDARDS.
5. PERMANENT VEGETATION TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN FIVE (5) DAYS AFTER FINAL GRADING, MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. LIME AND FERTILIZE SEED BED PRIOR TO PERMANENT SEEDING.
6. EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES AND PRACTICES, UTILIZED IN THE CONSTRUCTION OF THE PROJECT, SHALL BE CONSISTENT WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL AND THE NEW YORK STATE SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES.
7. NATURAL VEGETATION SHALL BE RETAINED, PROTECTED, AND SUPPLEMENTED, AS FEASIBLE PRIOR TO AND DURING CONSTRUCTION.
8. CUT AND FILL SLOPES SHALL BE BROUGHT TO FINAL PROPOSED GRADES AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCES, AND SEEDED AND MULCHED IMMEDIATELY.
9. EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES (SILT SOCK, INLET PROTECTION, STABILIZED CONSTRUCTION ENTRANCES AND ALL OTHER ACCEPTABLE FACILITIES) SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION UNTIL COMPLETE SITE STABILIZATION.
10. HEAVY CONSTRUCTION EQUIPMENT SHALL BE KEPT AS CLOSE TO THE WORK AREA AS PRACTICAL TO MINIMIZE DISTURBANCE OF SOIL ALREADY STABILIZED OR UNDISTURBED.
11. TOPSOIL AND OTHER SOIL REMOVED DURING CONSTRUCTION SHALL BE STOCKPILED IN A SUITABLE LOCATION CLEAR FROM ANY STORMWATER DRAINAGE COURSES. STOCKPILES WHICH ARE INACTIVE FOR MORE THAN 5 DAYS SHALL BE SEEDED.
12. VEGETATIVE STABILIZATION SHALL BE PERIODICALLY INSPECTED FOR SUFFICIENT GROWTH AND PROGRESS. AREAS NOT RESPONDING SHALL BE PROMPTLY RESEEDED AND REMULCHED AS SOON AS POSSIBLE. AREAS SHOWING SIGNS OF EROSION PRIOR TO STABILIZATION SHALL BE GRADED, RESEEDED, AND REMULCHED AS SOON AS POSSIBLE. SOD OR EROSION CONTROL FABRIC SHALL BE UTILIZED WHERE ADEQUATE STABILIZATION IS NOT OCCURRING.
13. ALL PERMITTER SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BEFORE BEGINNING EARTH MOVING ACTIVITIES, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
14. A STABILIZED CONSTRUCTION ENTRANCE PAD OF 1.5' TO 2' CLEAN SOIL SHALL BE PLACED AT ALL CONSTRUCTION DRIVEWAYS BEFORE INITIAL SITE DISTURBANCE.
15. THE APPLICATION OF TOPSOIL, LIMING, FERTILIZING, SEEDING, AND MULCHING FOR DISTURBED AREAS SHALL BE CONSISTENT WITH THE STANDARD GENERAL PRACTICES FOR CONSTRUCTION.
16. IMMEDIATELY FOLLOWING INITIAL DISTURBANCES OF ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS, ETC.) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR AN SUITABLE EQUIVALENT, AT A RATE OF 2.5 - 3.0 TONS PER ACRE.
17. AT THE TIME WHEN SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS TO BE ESTABLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER SHALL BE REMOVED OR TREATED IN SUCH A MANNER THAT WILL PERMANENTLY PROTECT THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER.
18. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, ALTERNATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
19. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES UNTIL ALL CONTRIBUTING AREAS HAVE BEEN PERMANENTLY STABILIZED.

II. MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT FACILITIES

1. PROPER MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL FACILITIES ARE NECESSARY TO THE EFFECTIVENESS OF THE EROSION AND SEDIMENT POLLUTION CONTROL FACILITIES.
 2. DISTURBED GROUND SURFACES SHALL BE SPRINKLED WITH WATER AND/OR CARBON CHLORIDE, AS NEEDED, TO LIMIT THE FORMATION AND MIGRATION OF AIRBORNE DUST.
 3. OPERATIONAL MEASURES SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT THE SPILLS OF FUELS AND LUBRICANTS. IF A SPILL OCCURS, IT SHALL BE CONTROLLED IMMEDIATELY TO PREVENT ITS ENTRY INTO OFF-SITE AREAS INCLUDING ADJACENT STORM SEWER.
 4. ANY TEMPORARY EROSION CONTROL FACILITY SHALL REMAIN FUNCTIONAL UNTIL VEGETATIVE COVER IS SUFFICIENTLY ESTABLISHED WITHIN THE RESPECTIVE TRIBUTARY DRAINAGE AREA.
 5. ANY DEBRIS ACCUMULATED IN EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE REMOVED AND PROPERLY DISPOSED OF. THESE FACILITIES SHALL BE CHECKED DAILY, AND AFTER RAINFALL EVENTS, AND REALIGNED AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES THE FOLLOWING DEPTHS:

SILT FENCE-	1/4 HEIGHT
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 - NOTE: DISTURBED AREAS SHALL BE CONSIDERED AS PERMANENTLY STABILIZED WHEN A MINIMUM COVER OF 30% HAS BEEN ESTABLISHED.
 6. ANY EROSION AND SEDIMENT CONTROL DEVICES THAT ARE NOTED AS DEFICIENT BY AN INSPECTOR OR NYSDOC STAFF SHALL BE REPAIRED OR REPLACED WITHIN 24 HOURS OF RECEIVING NOTICE.
- III. SOIL RESTORATION REQUIREMENTS**
- SOIL RESTORATION TO SUBSOIL
1. AERATION AND THE APPLICATION OF 6 INCHES OF TOPSOIL IS REQUIRED IN ANY PROPOSED LAWN AREA WHERE TOPSOIL HAS BEEN DISTURBED.
 2. FULL SOIL RESTORATION IS REQUIRED IN HEAVY TRAFFIC AREAS ON SITE, ESPECIALLY BETWEEN 5 AND 25 FEET AROUND THE PROPOSED BUILDING, BUT NOT WITHIN A 5 FOOT PERIMETER AROUND FOUNDATION WALLS. RESTORATION IS ALSO REQUIRED ON REDEVELOPMENT PROJECTS IN AREAS WHERE EXISTING IMPERVIOUS AREA WILL BE CONVERTED TO PERVIOUS AREA.
 3. FULL SOIL RESTORATION REQUIREMENTS ARE AS FOLLOWS:
 - SOIL RESTORATION TO TAKE PLACE DURING PERIODS OF RELATIVELY LOW TO MODERATE SUBSOIL MOISTURE, FOLLOWING ROUGH GRADING OF THE DISTURBED SUBSOILS
 - APPLY 3 INCHES OF COMPOST OVER SUBSOIL
 - TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED DISC, OR TILLER, MIXING AND CIRCULATING AIR AND COMPOST INTO SUBSOILS
 - ROCK-PACK UNTIL UNLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEARED OFF THE SITE
 - APPLY TOPSOIL TO A DEPTH OF 6 INCHES
 - VEGETATE AS SPECIFIED ON PLANS
 4. AT THE END OF THE PROJECT AN INSPECTOR SHOULD BE ABLE TO PUSH A 3/8 INCH METAL BAR 12 INCHES INTO THE SOIL JUST WITH BODY WEIGHT.
 5. TILLING SHOULD NOT BE PERFORMED WITHIN THE DRIP LINE OF ANY EXISTING TREES OR OVER UTILITY INSTALLATIONS THAT ARE WITHIN 24 INCHES OF THE SURFACE.
 6. ADDITIONAL INFORMATION AND GUIDANCE MAY BE FOUND IN "DEEP-RIPPING AND DECOMPACTION" PUBLISHED BY NYSDOC DIVISION OF WATER 2008.

IV. MULCHING AND SEEDING REQUIREMENTS

1. SEEDBED PREPARATION:
 - a. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT (50%) CALCIUM PLUS MAGNESIUM OXIDES) AT A RATE OF 90 POUNDS PER 1,000 SQUARE FEET. APPLY FERTILIZER AT A RATE OF 100 POUNDS PER ACRE OR 14 POUNDS PER 1,000 SQUARE FEET USING 10-20-10 OR EQUIVALENT.
 - b. WORK LINE AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 10 INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS PREPARED.
 - c. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED THE AREA MUST BE RETILLED AS ABOVE
2. TEMPORARY REQUIREMENTS
3. SEEDING:
 - a. APPLY LAWN MIX AT A RATE PER MANUFACTURERS SPECIFICATIONS.
 - b. APPLY SEED WITH MECHANICAL SEEDER. OPTIMUM SEEDING DEPTH IS ONE INCH (EXCEPT SANDY SOILS 2 INCHES).
 - c. WHERE AVAILABLE, THERE EITHER A MULTIPLIER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHALL BE FIRMD FOLLOWING SEEDING OPERATIONS WITH A ROLLER, OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE OF THE CONTOUR.
4. MULCHING
 - a. MULCH MATERIALS SHOULD BE UNROOTED SALT HAY OR SMALL GRASS STRAW AT A RATE OF 10 TO 20 TONS PER ACRE, OR 70 TO 90 POUNDS PER 1,000 SQUARE FEET. MULCH SHOULD NOT BE GROUND OR CHOPPED INTO SHORT PEECES.
 - b. SPREAD UNROOTED BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 75 PERCENT TO 95 PERCENT OF THE SOIL SURFACE WILL BE COVERED.
 - c. AFTER MULCHING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLANTING TO MINIMIZE LOSS BY WIND OR WATER. 1. MULCHING NETTINGS - STAPLE, JUTE OR COTTON NETTINGS TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOVED.
5. PERMANENT SEEDING TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.

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2 CONCRETE WASH OUT DETAIL

SCALE: N.T.S.

V. SEQUENCE OF CONSTRUCTION

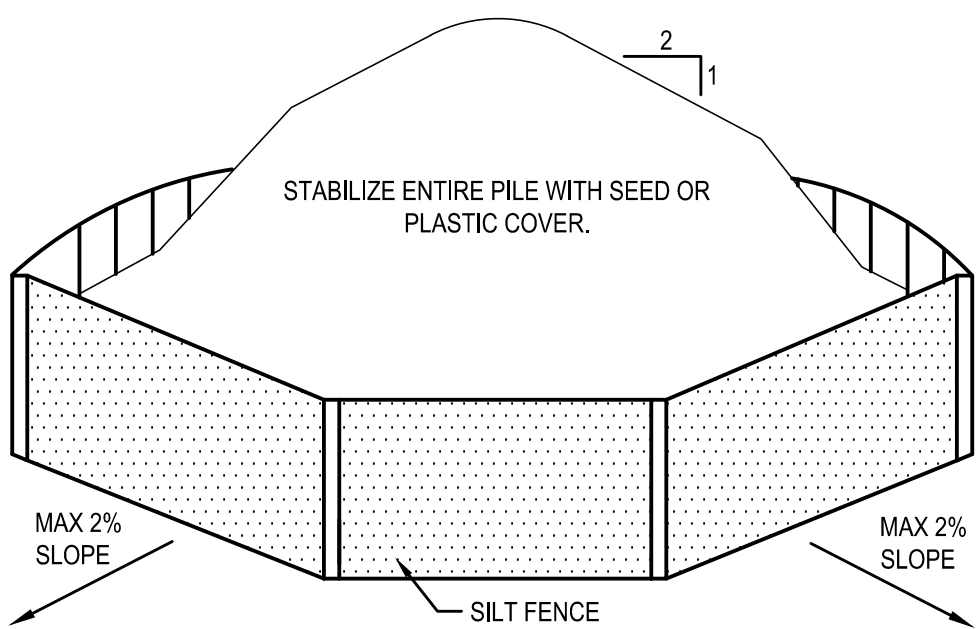
THE FOLLOWING ARE STEPS REGARDING THE CONSTRUCTION AND INSTALLATION OF VARIOUS PROJECT COMPONENTS THAT WILL ASSIST IN THE CONTROL OF EROSION AND SEDIMENT CONTROL:

1. CONTRACTOR SHALL REVIEW AND DOCUMENT THE SITE.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND PERIMETER PROTECTION MEASURES (SILT SOCK, STORM INLET PROTECTION, ETC.).
3. ROUGH GRADE SITE WITH E&C CONTROL MEASURES AS SHOWN ON PLANS.
4. TEMPORARILY STABILIZE ALL DISTURBED AREAS.
5. INSTALL UTILITIES AND STORM CONVEYANCE STRUCTURES AND PIPES. PROVIDE STORM INLET PROTECTION AS INDICATED.
6. INSTALL PAVEMENT, SIDEWALKS, AND ALL OTHER PROPOSED SITE IMPROVEMENTS.
7. PROVIDE PERMANENT VEGETATION ON ALL DISTURBED AREAS.
8. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS ONCE 80% STABILIZATION HAS BEEN ACHIEVED.
9. CONTRACTOR SHALL NOTIFY PROJECT DESIGN ENGINEER/ARCHITECT THAT SITE STABILIZATION IS COMPLETED.

NOTE: AT NO POINT DURING CONSTRUCTION SHALL GREATER THAN .95 ACRES OF THE PROJECT SITE BE DISTURBED AT ANY ONE TIME WITHOUT PRIOR APPROVAL.

VI. TOPSOIL REQUIREMENTS

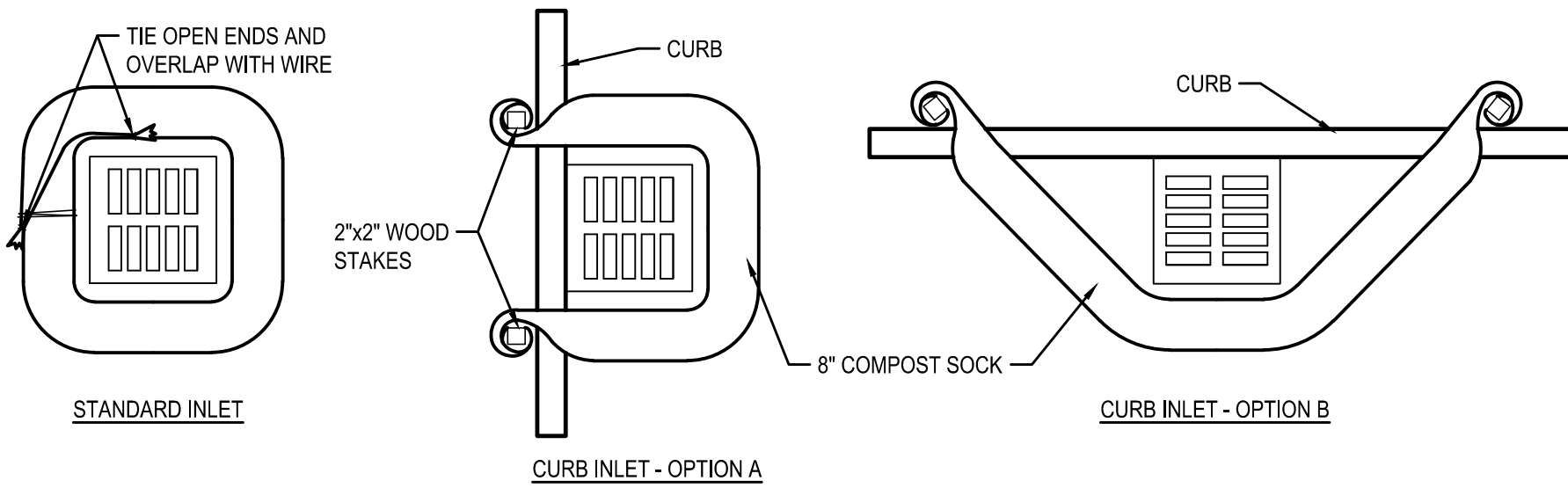
- A. ON-SITE TOPSOIL:
 - 1. EXCAVATED AND REUSED MATERIAL.
 - 2. GRADED.
 - 3. FREE OF ROOTS, ROCKS LARGER THAN 1/2 INCH, SUBSOIL, DEBRIS, LARGE WEEDS, AND FOREIGN MATTER.
 - a. SCREENING: SINGLE SCREENED.
 - 4. CONFORMING TO ASTM D2487.
- B. IMPORTED TOPSOIL
 - 1. IMPORTED BORROW.
 - 2. FRIABLE LOAM.
 - 3. REASONABLY FREE OF ROOTS, ROCKS LARGER THAN 1/2 INCH, SUBSOIL, DEBRIS, LARGE WEEDS, AND FOREIGN MATTER.
 - a. SCREENING: DOUBLE SCREENED.
 - 4. ACIDITY RANGE (PH) OF 5.5 TO 7.5
 - 5. CONTAINING MINIMUM OF 4 PERCENT AND MAXIMUM OF 25 PERCENT INORGANIC MATTER.
 - 6. CONFORMING TO ASTM D2487.
 - 7. LIMIT DECAYING MATTER TO 5 PERCENT OF TOTAL CONTENT BY VOLUME.

SOIL STOCKPILING NOTES

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING AND THEN STABILIZED WITH SEED OR SECURED IMPERVIOUS COVER.
4. SEE SILT FENCE INSTALLATION DETAIL.

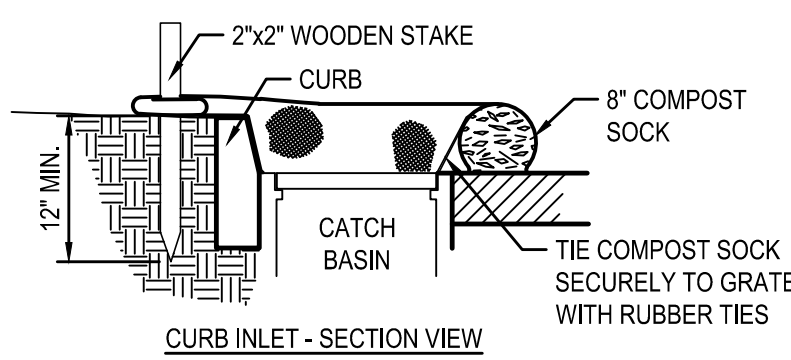
(F) SOIL STOCKPILE AREA DETAIL

SCALE: N.T.S.



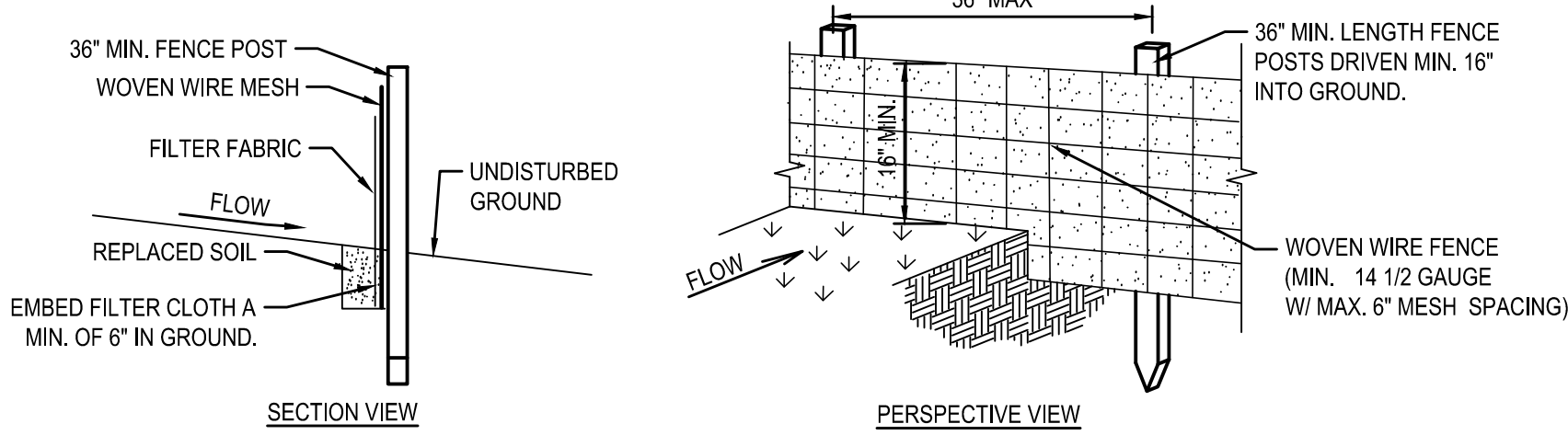
INSTALLATION NOTES

1. COMPOST SOCKS SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
2. COMPOST SOCKS SHALL BE "SILT SOCK", "FILTERER" OR OTHER APPROVED FILTER FABRIC SOCK.
3. COMPOST SOCKS SHALL BE FILLED WITH WOOD CHIPS OR COMPOST. SEE SPECIFICATIONS FOR APPROVED COMPOSITION OF WOOD CHIPS OR COMPOST.
4. COMPOST SOCKS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
5. COMPOST SOCK SHALL BE IN CONSTANT CONTACT WITH THE GROUND SURFACE.
6. WOOD STAKES SHALL BE USED TO SECURE THE WATTLE, 1/2" TO 5/8" DIA. ALSO ACCEPTABLE. BE SURE TO USE A STAKE THAT IS LONG ENOUGH TO PROTRUDE SEVERAL INCHES ABOVE THE WATTLE.
7. EXCESS FABRIC SHALL BE WRAPPED AROUND THE STAKES.
8. FOR INLETS NOT ON A CURB THE COMPOST SOCK SHALL BE TIED OFF AT BOTH ENDS WITH THE WIRE AND OVERLAPPED TO PROVIDE SUFFICIENT PROTECTION.



MAINTENANCE

SEDIMENT ACCUMULATED BEHIND WATTEE SHALL BE REMOVED WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DIAMETER OF THE SILT/COMPOST SOCK.



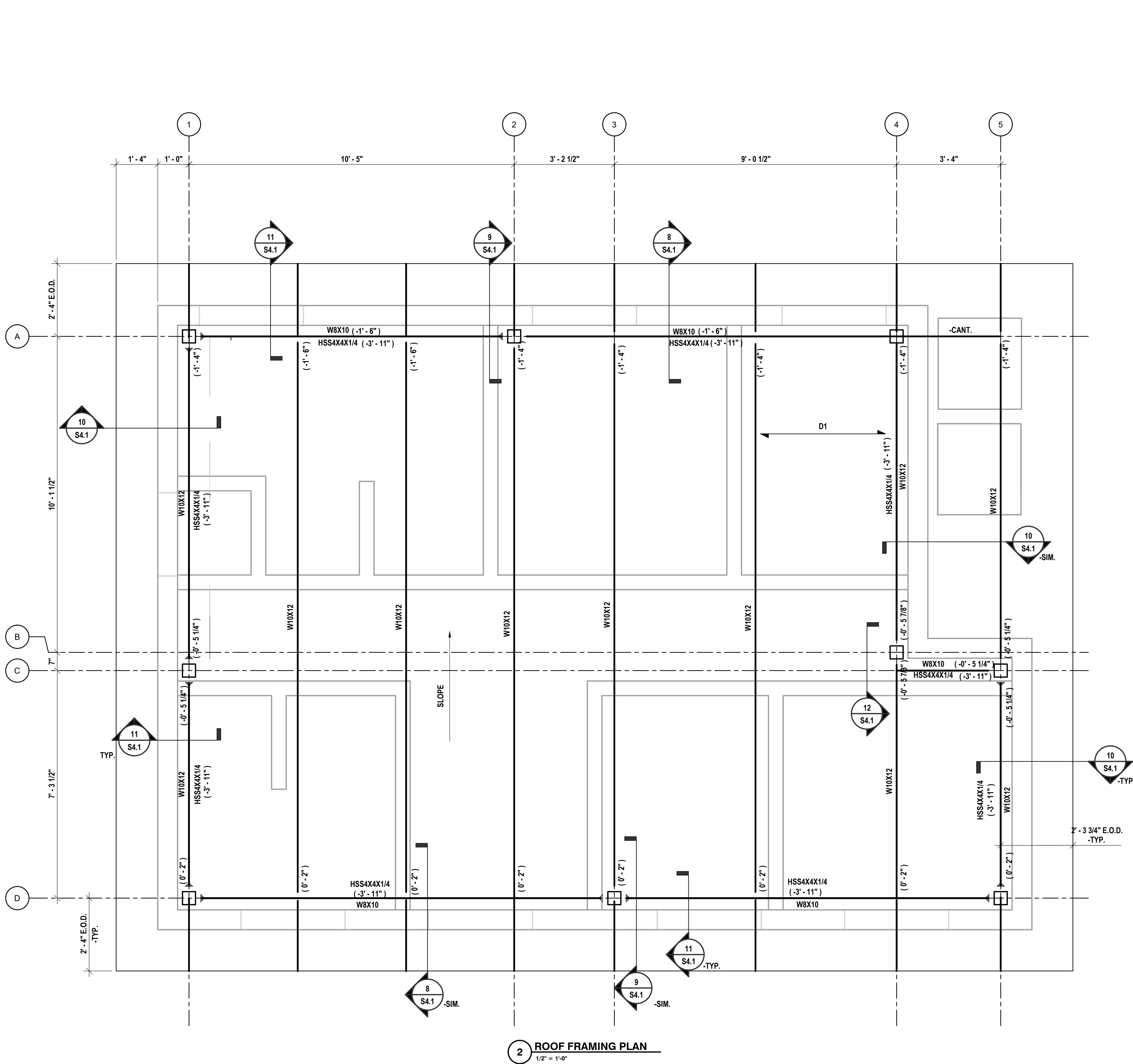
NOTES:

1. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION FENCE SHALL BE WOVEN WIRE 1/2 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUAL.
3. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIRONMENT, OR APPROVED EQUAL.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

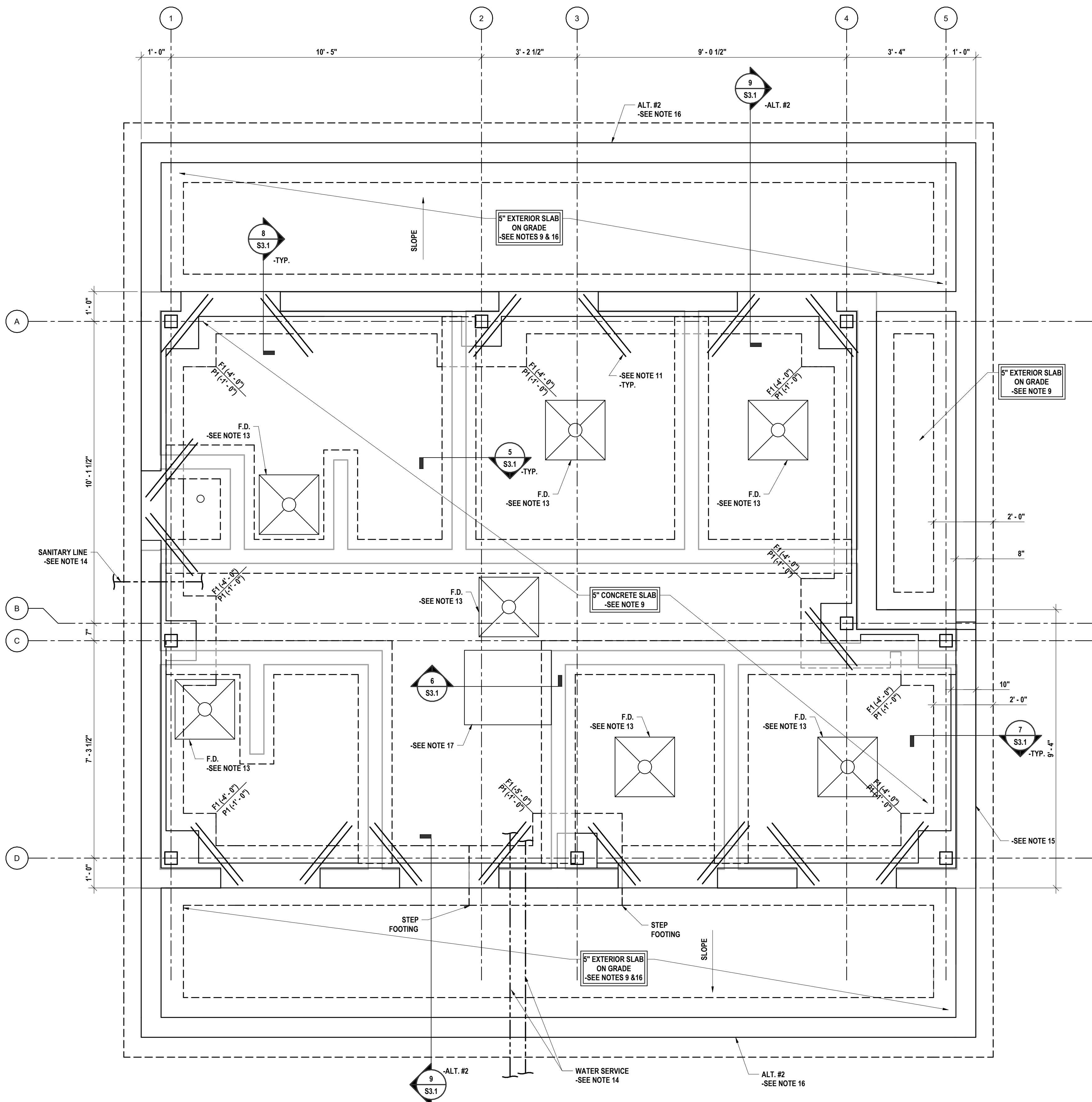
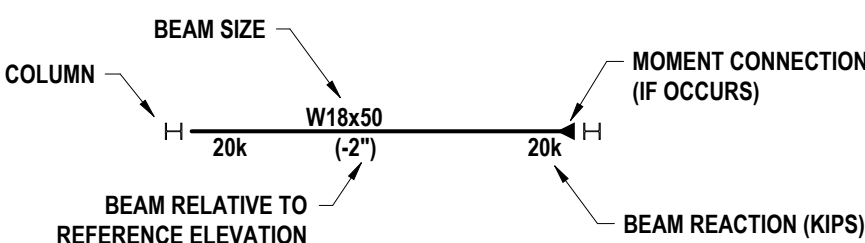
1 SILT FENCE DETAIL

SCALE: N.T.S.

GENERAL STRUCTURAL NOTES			C. FOUNDATION/EARTHWORK/GEOTECHNICAL REPORT			D. CONSTRUCTION			E. CONCRETE			F. MASONRY			H. STEEL DECK					
1. THE FOLLOWING CODES AND STANDARDS, INCLUDING ALL SPECIFICATION REFERENCED WITHIN, SHALL APPLY TO THE DESIGN, CONSTRUCTION, QUALITY CONTROL AND SAFETY OF ALL WORK PERFORMED ON THE PROJECT.			1. DESIGN DATA:			1. GENERAL			1. CODES			1. CODES			1. CODES					
a. "2020 BUILDING CODE OF NEW YORK STATE"			a. NO GEOTECHNICAL INFORMATION HAS BEEN PROVIDED BY THE OWNER AT THIS TIME. FOUNDATIONS ARE DESIGNED BASED ON ASSUMED BEARING PRESSURES AND SHALL BE CONFIRMED BY A GEOTECHNICAL ENGINEER BEFORE PLACEMENT OF FOUNDATIONS.			a. UNAUTHORIZED REPRODUCTION OF ANY PORTION OF THE STRUCTURAL CONTRACT DRAWINGS FOR RESUBMITTAL AS SHOP DRAWINGS IS PROHIBITED. SHOP DRAWINGS PRODUCED IN SUCH A MANNER WILL BE REJECTED AND RETURNED.			a. "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318", AMERICAN CONCRETE INSTITUTE.			a. "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, TMS 402 / ACI 530 / ASCE 5" AND "SPECIFICATIONS FOR MASONRY STRUCTURES, TMS 602 / ACI 530.1 / ASCE 6" MASONRY STANDARDS JOINT COMMITTEE.			a. SDI-NC1.0 "STANDARD FOR NONCOMPOSITE STEEL FLOOR DECK" - STEEL DECK INSTITUTE					
b. "MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES", (ANSI/ASCE 7) AMERICAN SOCIETY OF CIVIL ENGINEERS.			b. ALL EXTERIOR FOUNDATIONS SHALL BEAR A MINIMUM OF 4'-0" BELOW GRADE AND 1'-4" BELOW INTERIOR FINISHED FLOOR GRADE. IN CASE OF CONFLICT, NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER IN ADVANCE OF ANY CONSTRUCTION TO ALLOW FOR ADJUSTMENT.			b. THESE DRAWINGS REPRESENT THE COMPLETED PROJECT WHICH HAS BEEN DESIGNED FOR THE WEIGHTS OF MATERIALS INDICATED ON THE DRAWINGS AND FOR THE SUPERIMPOSED LOADS INDICATED ON THE DRAWINGS AND FOR THE SUPERIMPOSED LOADS INDICATED IN THE DESIGN LOADS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALLOWABLE CONSTRUCTION LOADS AND TO PROVIDE PROPER DESIGN AND CONSTRUCTION OF FALSE WORK, STAGINGS, BRACING, SHEETING AND SHORING, ETC. ALL SHORING CALCULATIONS AND DRAWINGS SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION.			b. "ACI MANUAL OF CONCRETE PRACTICE - PARTS 1 THROUGH 5".			b. MATERIALS			b. MATERIALS			b. SDI-RD1.0 "STANDARD FOR STEEL ROOF DECK" - STEEL DECK INSTITUTE		
2. ADDITIONAL CODES FOR MATERIALS SHALL BE FOUND IN THE APPROPRIATE SECTIONS THAT FOLLOW. SEE THOSE SECTIONS FOR THE APPLICABLE CODES.			2. FOUNDATION SYSTEM			c. IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, DETAILS AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.			c. "MANUAL OF STANDARD PRACTICE", CONCRETE REINFORCING STEEL INSTITUTE.			a. LOAD BEARING CONCRETE: HOLLOW AND SOLID			a. LOAD BEARING CONCRETE: HOLLOW AND SOLID			c. SDI-C "STANDARD FOR COMPOSITE STEEL FLOOR DECK SLABS" - STEEL DECK INSTITUTE		
B. DESIGN LOADS			a. SPREAD FOOTINGS			d. IMPLEMENTING JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.			2. MATERIALS			b. MORTAR			b. MORTAR			d. AISI S100 "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", AMERICAN IRON AND STEEL INSTITUTE.		
1. GRAVITY - DEAD LOADS			(1) BUILDING SPREAD AND STRIP FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL SOILS OR PROPERLY PLACED AND COMPACTED ENGINEERED FILL WITH A MINIMUM ALLOWABLE BEARING PRESSURE OF 2000 PSF. BEARING PRESSURES SHALL BE VERIFIED BY AN EXPERIENCED QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF FOUNDATIONS.			e. ALL COSTS OF INVESTIGATION AND/OR REDESIGN, DUE TO THE CONTRACTOR MIS LOCATION OF STRUCTURAL ELEMENTS OR OTHER LACK OF CONFORMANCE WITH THE PROJECT DOCUMENTS, SHALL BE AT THE CONTRACTOR'S EXPENSE.			a. APPLICATION			c. GROUT			c. GALVANIZED METAL FLOOR AND ROOF DECK			2. MATERIALS		
AREA NEW ROOF			PSF 25 PSF			f. CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND OTHER APPLICABLE DRAWINGS FOR SIZE AND LOCATIONS OF OPENINGS, SLEEVES, CONCRETE HOUSEKEEPING PADS, INSERTS, AND DEPRESSIONS.			SLABS ON GRADE (INTERIOR)			ASTM C476			ASTM A663			3. GENERAL		
2. GRAVITY - LIVE LOADS			3. GENERAL			g. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILED INFORMATION REGARDING FINISHES, FIREPROOFING, WATERPROOFING, ETC.			SLABS ON GRADE (EXTERIOR)			f _m = 2000 PSI UNIT STRENGTH METHOD			a. TYPICAL NON-ACOUSTIC ROOF DECK PROPERTIES ARE BASED ON PRODUCTS MANUFACTURED BY VULCRAFT. AS NOTED, PROVIDE STEEL DECK WITH THE FOLLOWING MINIMUM SECTION PROPERTIES:					
a. ROOF LIVE LOAD 20 PSF MIN. (SNOW LOAD USED WHEN GREATER)			a. SEE THE SPECIFICATIONS FOR EXCAVATION, DEWATERING AND PREPARATION OF THE FOUNDATION AND SLAB-ON-GRADE SUBGRADE, INCLUDING COMPACTION PROCEDURES.			h. CONTRACTOR SHALL FURNISH DIMENSIONED SHOP DRAWINGS AT ALL LEVELS LOCATING FLOOR AND ROOF EDGES FOR REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER.			FOOTINGS			ASTM A133, GALVANIZED PER			1 1/2" DEEP, 20 GAGE TYPE B WIDE RIB, ROOF DECK			b. DECKS BY OTHER MANUFACTURERS MAY BE SUPPLIED PROVIDED SECTION PROPERTIES ARE WITHIN 5%+/- OF THOSE SPECIFIED AND IF APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER.		
b. ROOF SNOW LOAD 34 PSF+ DRIFTING (WHERE APPLICABLE)			b. CONTRACTOR SHALL VERIFY ALL EXISTING FIELD CONDITIONS THAT MAY AFFECT THE INSTALLATION OF THE FOUNDATION SYSTEM AS SHOWN PRIOR TO STARTING WORK.			i. CONTRACTOR SHALL FURNISH DIMENSIONED SHOP DRAWINGS AT ALL LEVELS SHOWING THE LOCATIONS OF ALL SLEEVES AND OPENINGS REQUIRED BY ALL TRADES.			COLUMNS			ASTM A153, CLASS B2			e. PROVIDE GALVANIZED HORIZONTAL JOINT REINFORCEMENT IN ALL WALLS AND PARTITIONS AT 8" O.C. UNLESS OTHERWISE SHOWN OR NOTED. PROVIDE ONE PIECE PREFABRICATED UNITS AT 8" O.C. AT ALL WALL CORNERS AND INTERSECTIONS.			c. PROVIDE BOND BEAMS WITH #2 HORIZONTAL REINFORCEMENT CONTINUOUS IN ALL MASONRY WALLS AT EACH FRAMING LEVEL, AND TOP OF WALL UNLESS NOTED OTHERWISE.		
(1) GROUND SNOW LOAD			(2) EXPOSURE FACTOR			j. THE CONTRACTOR SHALL SUBMIT, FOR REVIEW, DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE PROJECT'S JURISDICTION FOR THE FOLLOWING ASSEMBLIES. THIS REVIEW SHALL BE FOR GENERAL CONFORMANCE WITH THE PROJECT PARAMETERS AS INDICATED ON THE DRAWINGS AND IN THE GENERAL NOTES. THE DESIGN OF THESE ASSEMBLIES IS THE RESPONSIBILITY OF THE ENGINEER WHO HAS SIGNED AND SEALED THESE DRAWINGS AND CALCULATIONS. THE DESIGN OF THESE ASSEMBLIES SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL LOADS REQUIRED BY APPLICABLE BUILDING CODES.			WALLS						f. LAP SPLICES FOR DEFORMED REINFORCING BARS USED IN MASONRY CONSTRUCTION SHALL BE 50 BAR DIAMETERS.			d. EXCEPT WHERE NOTED ON PLANS, DECK SUPPLIER SHALL PROVIDE ALL ADDITIONAL FRAMING TO SUPPORT DECK AT OPENINGS THROUGH DECK AND ALL CLOSURE ANGLES AND PLATES WHERE REQUIRED TO RESULT IN A COMPLETE INSTALLATION.		
(2) IMPORTANCE FACTOR			(3) IMPORTANCE FACTOR			k. WORK NOT INCLUDED ON THE DRAWINGS BUT IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES ELSEWHERE ON THE DRAWINGS SHALL BE REPEATED.			CONCRETE			ASTM C150, TYPE I OR II			g. NO OPENINGS SHALL BE PLACED ABOVE ANY LINTEL WITHIN A HEIGHT LESS THAN OR EQUAL TO THE WIDTH OF THE CLEAR OPENING BELOW THE LINTEL, UNLESS SPECIFICALLY SHOWN OR APPROVED BY THE STRUCTURAL ENGINEER.			e. NON-ACOUSTIC ROOF AND NON-COMPOSITE DECKS SHALL BE WELDED TO STEEL SUPPORTS, INCLUDING THE EDGE SUPPORT PARALLEL TO THE DECK SPAN WITH 3/8" DIAMETER (EFFECTIVE FUSION DIAMETER) PLUG WELDS, 240, 304, OR 364 PATTERNS. FASTEN SIDE LAPS WITH 1-1/2" SEAM WELDS OR #10 SELF-TAPPING SCREWS AT 18" O.C. MAXIMUM SPACING.		
(4) THERMAL FACTOR			(5) SLOPE FACTOR			l. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF MASONRY AND DRYWALL NON-LOADBEARING PARTITIONS. PROVIDE SLIP CONNECTIONS THAT ALLOW VERTICAL MOVEMENT AT THE HEADS OF ALL SUCH PARTITIONS. UNLESS SHOWN ON THE DRAWINGS, THE CONNECTIONS SHALL BE DESIGNED TO SUPPORT THE TOP OF THE WALLS Laterally FOR THE CODE REQUIRED LATERAL LOAD. PROVIDE COMPRESSIBLE FIRE SAFING AT THE TOP OF WALL AS REQUIRED BY ARCHITECTURAL DRAWINGS.			CEMENT			ASTM C150, TYPE I FOR CONCRETE IN CONTACT WITH EARTH.			i. CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SUPPORT FOR ALL MASONRY WORK UNTIL PERMANENT CONSTRUCTION IS IN PLACE.			f. SEE SPECIFICATIONS AND DETAILS FOR GENERAL CONTROL JOINT REQUIREMENTS. JOINTS ARE TO BE CONSTRUCTED IN ALL WALLS AND PARTITIONS.		
(5) SLOPE FACTOR			(6) SLOPE FACTOR			m. THE BEARING ELEVATION OF A THICKENED SLAB SHALL NOT SLOPE MORE THAN 1" FOR EVERY 2" OF HORIZONTAL DISTANCE UNLESS NOTED OTHERWISE.			CEMENT SUBSTITUTES:			ASTM C595, TYPE IS (LIMIT TO 50% MAX OF CEMENTITIOUS CONTENT BY WEIGHT)			j. SEE SPECIFICATIONS AND DETAILS FOR GENERAL CONTROL JOINT REQUIREMENTS. JOINTS ARE TO BE CONSTRUCTED IN ALL WALLS AND PARTITIONS.			k. THE CONTRACTOR SHALL PROVIDE LATELS FOR NON-LOAD BEARING WALLS AND PARTITIONS PER PLANS AND DETAILS.		
c. FLOOR LIVE LOADS			c. FLOOR LIVE LOADS			n. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			d. AGGREGATES:			ASTM C33 (NORMAL WEIGHT)			l. CONTRACTOR SHALL VERIFY ALL OPENINGS BELOW LINTELS INDICATED ARE ADEQUATE TO ACCEPT DOOR FRAMES, LOUVERS, ETC. AS SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS. NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES PRIOR TO LINTEL INSTALLATION.			l. THE CONTRACTOR SHALL VERIFY ALL OPENINGS BELOW LINTELS INDICATED ARE ADEQUATE TO ACCEPT DOOR FRAMES, LOUVERS, ETC. AS SHOWN ON THE ARCHITECTURAL AND MECHANICAL DRAWINGS. NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES PRIOR TO LINTEL INSTALLATION.		
AREA SLAB-ON-GRADE, TYPICAL U.N.O.			PSF 100 PSF			o. WHERE THE FINAL GRADE ELEVATIONS ARE APPROXIMATELY EQUAL ON BOTH SIDES OF A WALL, BACKFILL IN LIFTS TO MAINTAIN LEVEL ELEVATIONS WITHIN 10" ON BOTH SIDES AT ANY TIME.			ASTM C330 (STRUCTURAL LIGHTWEIGHT)			e. AIR			m. NO OPENINGS SHALL BE PLACED ABOVE ANY LINTEL WITHIN A HEIGHT LESS THAN OR EQUAL TO THE WIDTH OF THE CLEAR OPENING BELOW THE LINTEL, UNLESS SPECIFICALLY SHOWN OR APPROVED BY THE STRUCTURAL ENGINEER.			m. NO OPENINGS SHALL BE PLACED ABOVE ANY LINTEL WITHIN A HEIGHT LESS THAN OR EQUAL TO THE WIDTH OF THE CLEAR OPENING BELOW THE LINTEL, UNLESS SPECIFICALLY SHOWN OR APPROVED BY THE STRUCTURAL ENGINEER.		
3. WIND LOADS			3. WIND LOADS			p. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			ASTM C289			f. REINFORCEMENT:			n. PROVIDE #4 BARS AT 48" O.C. MINIMUM VERTICAL REINFORCING IN SOLID GROUTED CORES FOR ALL MASONRY WALLS UNLESS NOTED OTHERWISE.			n. PROVIDE #4 BARS AT 48" O.C. MINIMUM VERTICAL REINFORCING IN SOLID GROUTED CORES FOR ALL MASONRY WALLS UNLESS NOTED OTHERWISE.		
a. BASIC WIND SPEED			(V) = 100 MPH			q. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			ADHESIVE REINFORCING EXPANSION BOLTS			DEFORMED REINFORCING BARS			o. DETAILING FOR STEEL CONSTRUCTION", AMERICAN INSTITUTE OF STEEL CONSTRUCTION.			o. DETAILING FOR STEEL CONSTRUCTION", AMERICAN INSTITUTE OF STEEL CONSTRUCTION.		
b. ALLOWABLE DESIGN WIND SPEED			(Vasd) = 78 MPH			r. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			HLTI HY-200 SYSTEM OR APPROVED EQUAL			WELDABLE DEFORMED REINF. BARS			p. "STRUCTURAL WELDING CODE ANSI/AWS D1.1", AMERICAN WELDING SOCIETY.			p. "STRUCTURAL WELDING CODE ANSI/AWS D1.1", AMERICAN WELDING SOCIETY.		
c. OCCUPANCY RISK CATEGORY			II			s. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			HLTI KWIK BOLT T2 OR APPROVED EQUAL			ASTM A708 OR APPROVED EQUAL			q. "DETAILING FOR STEEL CONSTRUCTION", AMERICAN INSTITUTE OF STEEL CONSTRUCTION.			q. "DETAILING FOR STEEL CONSTRUCTION", AMERICAN INSTITUTE OF STEEL CONSTRUCTION.		
d. WIND EXPOSURE CATEGORY			B			t. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			ASTM C330 (STRUCTURAL LIGHTWEIGHT)			ASTM A1064			r. MATERIALS			r. MATERIALS		
e. ENCLOSED BUILDING			(GCg) = ±0.18			u. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			ASTM C289			ASTM A1064			a. ROLLED SHAPES			a. ROLLED SHAPES		
f. MODIFICATION FACTORS			(Kz1)=0.7, (Kz2)=1.0, (Kd)=0.85, (Ka)=1.0			v. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED (5%+/- (1-12%)) BY VOLUME.			DYWIDAG MEETING ACI 318-12 14.3.4 SPLICES OR APPROVED EQUAL			b. CHANNELS, ANGLES AND PLATES			b. CHANNELS, ANGLES AND PLATES		
g. MAIN WIND-FORCE RESISTING SYSTEM LOADS (PSF)			(Kz1)=0.7, (Kz2)=1.0, (Kd)=0.85, (Ka)=1.0			w. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			3. CAST-IN-PLACE			ASTM A1064			c. STRUCTURAL TUBING (RECTANGULAR HSS)			c. STRUCTURAL TUBING (RECTANGULAR HSS)		
WINDWARD (PER ZONE)			LEEWARD (PER ZONE)			x. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			a. REINFORCING STEEL CLEAR COVER SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:			ASTM A1064			d. STRUCTURAL TUBING (ROUND HSS)			d. STRUCTURAL TUBING (ROUND HSS)		
INTERIOR			END			y. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			(1) NONPRESTRESSED NON-POST-TENSIONED CONCRETE:			ASTM A1064			e. STRUCTURAL PIPE			e. STRUCTURAL PIPE		
WALL: ROOF: 4.1 -16.0			WALL: ROOF: 7.9 -23.0			z. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			a. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH			ASTM A1064			f. WELDING ELECTRODES			f. WELDING ELECTRODES		
WALL: ROOF: 7.9 -23.0			WALL: ROOF: 8.7 -10.1			aa. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			b. CONCRETE EXPOSED TO EARTH OR WEATHER:			ASTM A1064			g. HIGH STRENGTH BOLTS			g. HIGH STRENGTH BOLTS		
WALL: ROOF: 8.7 -10.1			WALL: ROOF: -11.2 -13.1			ab. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			c. #6 BARS AND LARGER			ASTM A1064			h. ANCHOR RODS			h. ANCHOR RODS		
WALL: ROOF: -11.2 -13.1			WALL: ROOF: -25.6 -32.6			ac. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			d. #5 BARS AND SMALLER			ASTM A1064			i. SMOOTH & THREADED ROD			i. SMOOTH & THREADED ROD		
h. COMPONENTS AND CLADDING - WALL NET DESIGN WIND PRESSURES (PSF)			i. COMPONENTS AND CLADDING - ROOF NET DESIGN WIND PRESSURES			ad. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			e. SLABS, WALLS AND JOISTS #11 BARS AND SMALLER			ASTM A1064			j. BRACED FRAME TIE RODS			j. BRACED FRAME TIE RODS		
EFFECTIVE AREA			INTERIOR ZONE			ae. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			f. BEAMS, AND COLUMNS:			ASTM A1064			k. EXPANSION BOLTS			k. EXPANSION BOLTS		
10 SF			END ZONE			af. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			PRIMARY REINFORCEMENT, TIES, STIRRUPS, AND SPIRALS			ASTM A1064			l. ADHESIVE ANCHORING SYSTEM			l. ADHESIVE ANCHORING SYSTEM		
10 SF			END ZONE			ag. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			1-1/2"			ASTM A1064			m. HEADED SHEAR STUDS			m. HEADED SHEAR STUDS		
10 SF			END ZONE			ah. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			1-1/2"			ASTM A1064								
10 SF			END ZONE			ai. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			1-1/2"			ASTM A1064								
10 SF			END ZONE			aj. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			1-1/2"			ASTM A1064								
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10 SF			END ZONE			ar. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			1-1/2"			ASTM A1064								
10 SF			END ZONE			as. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			1-1/2"			ASTM A1064								
10 SF			END ZONE			at. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			1-1/2"			ASTM A1064								
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10 SF			END ZONE			bc. CONCRETE SLABS ON GRADE SHALL BE PLACED ON A MINIMUM 6" LAYER OF CLEAN, WELL-GRADED GRAVEL OR CRUSHED STONE CONFORMING TO THE SPECIFICATIONS OVER PROPERLY COMPACTED SUBGRADE. A VAPOR BARRIER SHALL BE PLACED ON TOP OF THE LAYER OF GRAVEL AT INTERIOR SLABS.			1-1/2"			ASTM A1064								



- PLAN NOTES:
1. TOP OF ROOF STEEL = 12'-7" (499.83' ± V.L.F.), UNLESS NOTED. THIS IS TO BE THE REFERENCE ELEVATION FOR THIS LEVEL. ALL ELEVATIONS INDICATED (±0'-0") ARE TAKEN FROM THIS REFERENCE ELEVATION.
 2. SEE S4.1 FOR GENERAL NOTES.
 3. SEE S4.1 FOR TYPICAL DETAILS.
 4. STRUCTURAL STEEL FRAMING KEY:
5. D1= TYPE B, WIDE RIB, 1 1/2" DEEP, 20 GAUGE GALVANIZED ROOF DECK.
6. SEE S4.1 FOR TYPICAL BOND BEAM LINTEL DETAIL.
7. ALL BEAMS ARE SPACED EVENLY BETWEEN COLUMN LINES UNLESS NOTED.
8. COORDINATE SIZE AND LOCATION OF ALL OPENINGS, INFILLS, AND SLEEVES WITH OTHER CONTRACTED WORK. PROVIDE SUPPORTS AT CURBS AND OPENINGS PER THE TYPICAL DETAILS.



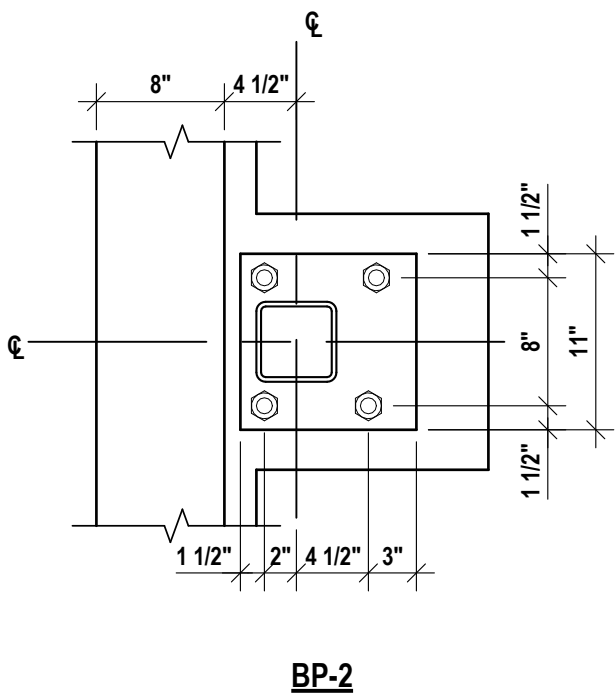
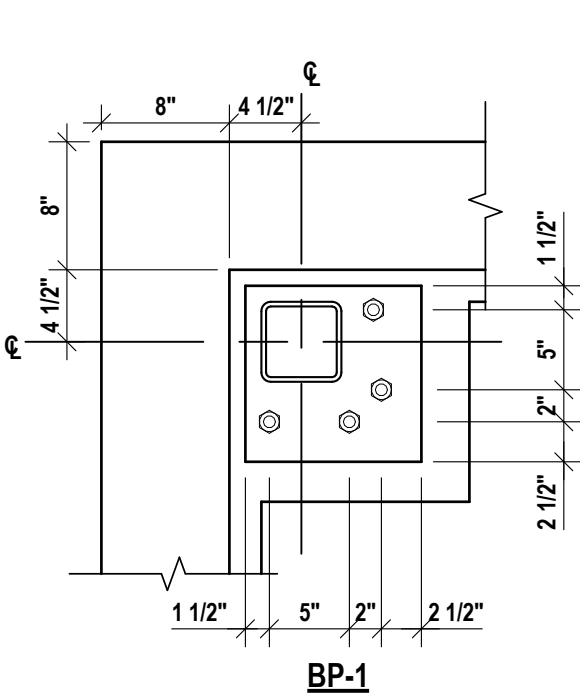
- PLAN NOTES:
1. TOP OF SLAB EL.=0'-0" (±0'-0" ± V.L.F.) UNLESS NOTED. FLOOR ELEVATION TO MATCH EXISTING FLOOR ELEVATION. THIS IS TO BE THE REFERENCE ELEVATION FOR THIS LEVEL. ALL ELEVATIONS INDICATED (±0'-0") ARE TAKEN FROM THIS REFERENCE ELEVATION.
 2. SEE SHEET S0.1 FOR GENERAL NOTES. INCLUDING COMPACTION REQUIREMENTS FOR FOUNDATIONS AND SLABS.
 3. SEE SHEET S3.1 FOR TYPICAL DETAILS.
 4. COLUMN & FOOTING KEY:
5. SEE SHEET S2.1 FOR COLUMN AND BASE PLATE SCHEDULES AND DETAILS.
6. ALL PIERS COLUMNS AND FOOTINGS SHALL BE CENTERED ON COLUMN LINES UNLESS NOTED.
7. TOP OF EXTERIOR FOOTING ELEVATION = 14'-0" UNLESS NOTED. TOP OF WALL FOOTING ELEVATION TO MATCH ADJACENT COLUMN FOOTING. STEP FOOTING AS REQUIRED PER THE TYPICAL DETAILS.
8. SEE "A" SERIES DRAWINGS FOR DIMENSIONS NOT SHOWN.
9. 5" FIBER REINFORCED SLAB ON GRADE ADDITIONALLY REINFORCED WITH 6x6-W2.0xW2.0 WWF. PROVIDE SUPPORT CHAIRS TO HOLD WWF IN POSITION DURING CONCRETE PLACEMENT. PROVIDE AIR ENTRAINMENT AND 2% SLOPE AT EXTERIOR SLABS.
10. AT SLABS PROVIDE CONSTRUCTION OR CONTROL JOINTS AT A SPACING NOT TO EXCEED 15'-0" UNLESS NOTED C.J. ON PLANS. FOR ADDITIONAL INFORMATION SEE TYPICAL DETAILS.
11. PROVIDE (2) #5x4'-0" MID-DEPTH OF SLAB AT ALL INTERIOR CORNERS.
12. SLOPE SLABS AS REQUIRED FOR DRAINAGE (MIN 1/8" PER FOOT). SEE "A" & "P" SERIES DRAWINGS.
13. SLOPE SLAB 1/4" PER FOOT SLOPE TO DRAIN WITHIN 2'-0" OF EACH DRAIN LOCATION. COORDINATE LOCATIONS WITH "A" & "P" SERIES DRAWINGS.
14. ALL SLEEVES FOR OTHER TRADES SHALL CROSS THROUGH THE FOUNDATION WALL. STEP FOOTING AS REQUIRED. COORDINATE SIZE, LOCATION AND INVERT WITH "L" SERIES DRAWINGS AND OTHER CONTRACTED WORK.
15. 8" CMU WALL WITH #5 BARS AT 32" O.C. MINIMUM VERTICAL REINFORCEMENT IN FULLY GROUTED CORES. PROVIDE CONTINUOUS 8" BOND BEAM REINFORCED WITH (2) #5 BARS AT TOP OF WALLS AND BEARING ELEVATIONS.
16. ALTERNATE #2: FROST WALL AT DOORS WITH 5" FIBER REINFORCED CONCRETE SLAB. ADDITIONALLY REINFORCED WITH 6x6-W2.0xW2.0 WWF. PROVIDE SUPPORT CHAIRS TO HOLD WWF DURING CONCRETE PLACEMENT. PROVIDE AIR ENTRAINMENT AND 2% SLOPE.
17. SEE SHEET S3.1 FOR CONCRETE PAD DETAIL. COORDINATE WITH THE REQUIREMENTS OF THE MECHANICAL UNIT.

COLUMN SCHEDULE							
COLUMN LOCATION	SIZE	BASE REFERENCE	BASE OFFSET	TOP REFERENCE	TOP OFFSET	BASE PLATE MARK	NOTES
A-1	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	-1'- 6"	BP-1	
A-2	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	-1'- 6"	BP-2	
A-4	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	-2'- 2"	BP-1	
B-4	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	-0'- 5 7/8"	BP-2	
C-1	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	-0'- 5 1/4"	BP-2	
C-5	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	-0'- 5 1/4"	BP-1	
D-1	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	0'- 0"	BP-1	
D-3	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	0'- 0"	BP-2	
D-5	HSS5X5X5/16	0'-0"	-1'- 0"	12'-7"	0'- 0"	BP-1	

BASE PLATE SCHEDULE				
MARK	SIZE	ANCHOR BOLT SIZE	EMBEDMENT	NOTES
BP-1	11"x11"x3/4"	(4) 3/4" Ø	9"	OFFSET CORNER
BP-2	11"x11"x3/4"	(4) 3/4" Ø	9"	OFFSET

PIER REINFORCING SCHEDULE				
MARK	PIER SIZE	VERTICAL REINFORCING	TIES	NOTES
P1	16"x16"	(6) #6 BARS	4@3", R@12"	

FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	NOTES
F1	3'-0"x3'-0"x1'-0"	(4) @5 BARS E.W.	



SCHEDULES

HAVANA GLEN PARK BATHHOUSE
TOWN OF MONTOUR

35 HAVANA GLEN ROAD MONTOUR FALLS, NY 14865

S2.1

PROJECT NO: 1544-010

HUNT ENGINEERS | ARCHITECTS | SURVEYORS

HORSEHEADS, NY 607-263-1000 ROCHESTER, NY 565-537-7649 TOWNANDA, PA 570-265-4666
BINGHAMTON, NY 607-798-8881 ALBANY, NY 607-798-8881
WWW.HUNTEAS.COM

NY CERTIFICATE NO. 001620 PA CERTIFICATE NO. TSC222013464-1

DATE: 1 10/28/2025

DESCRIPTION OF REVISION:
ISSUED FOR BID

DRAWN BY: MKB
CHECKED BY: NGB
DATE: 10/14/2025

PHASE: CD

IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS
DRAWN BY LICENSED ENGINEER OR ARCHITECT'S SEAL.

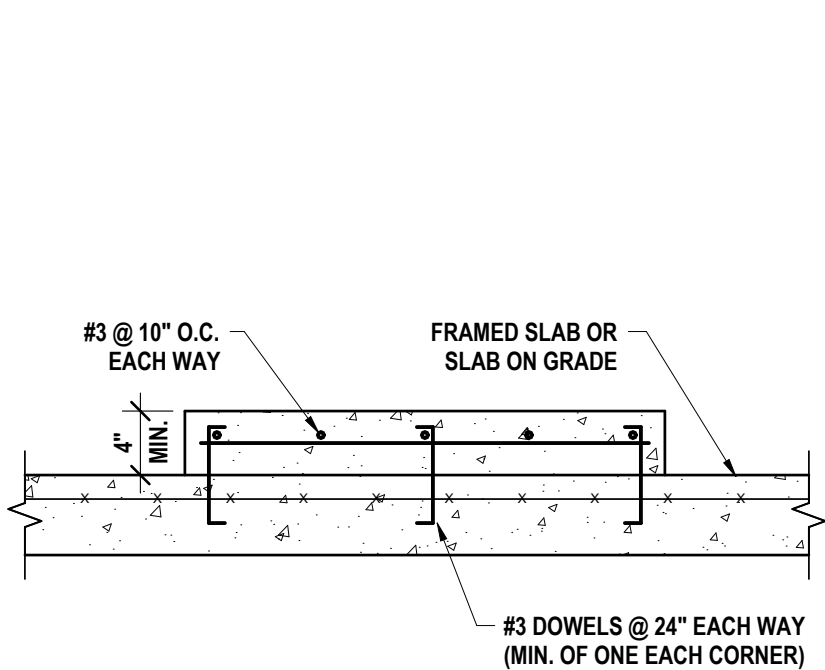
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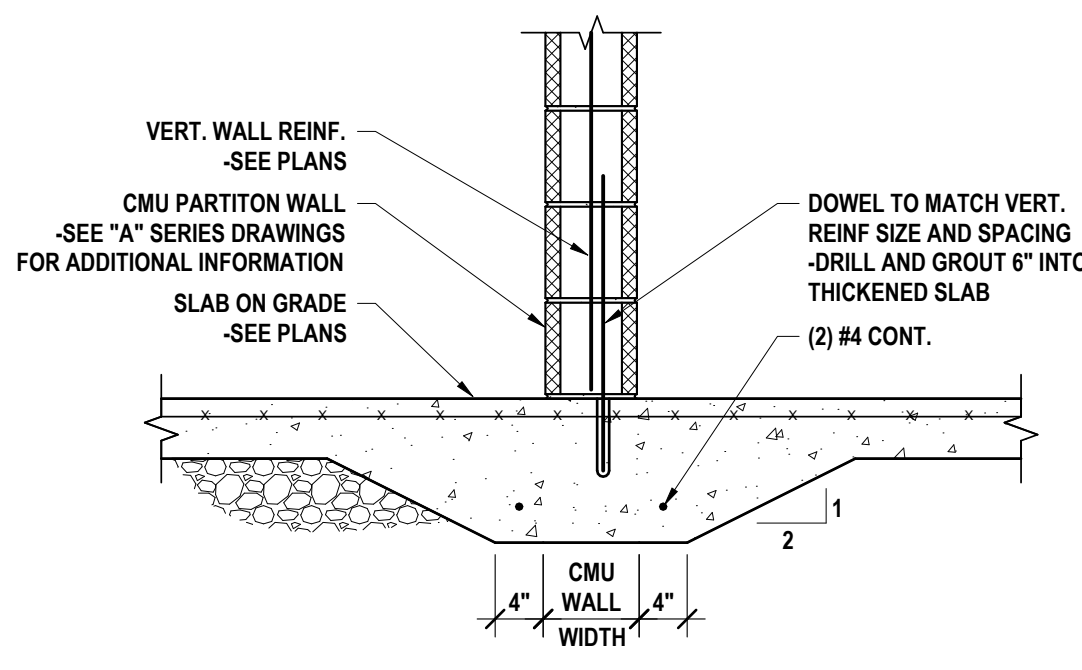
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10/14/2025

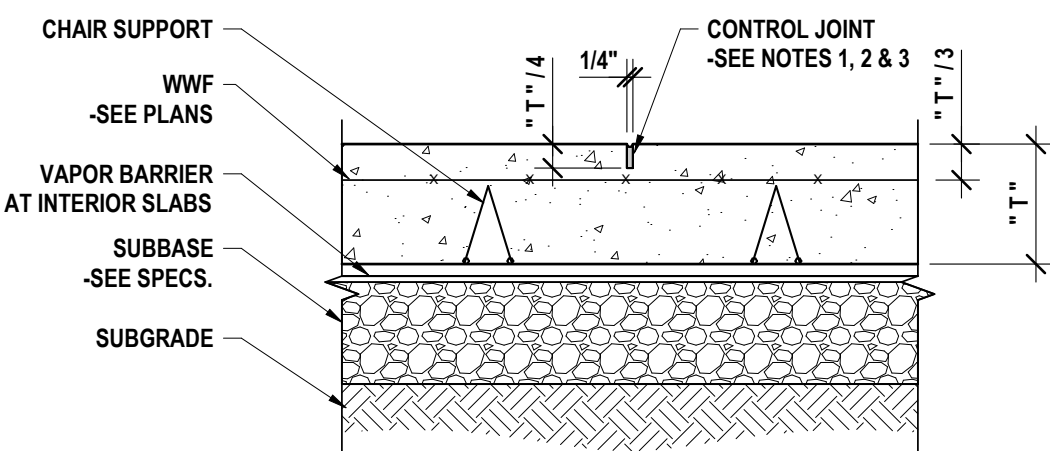


A NEW CONSTRUCTION

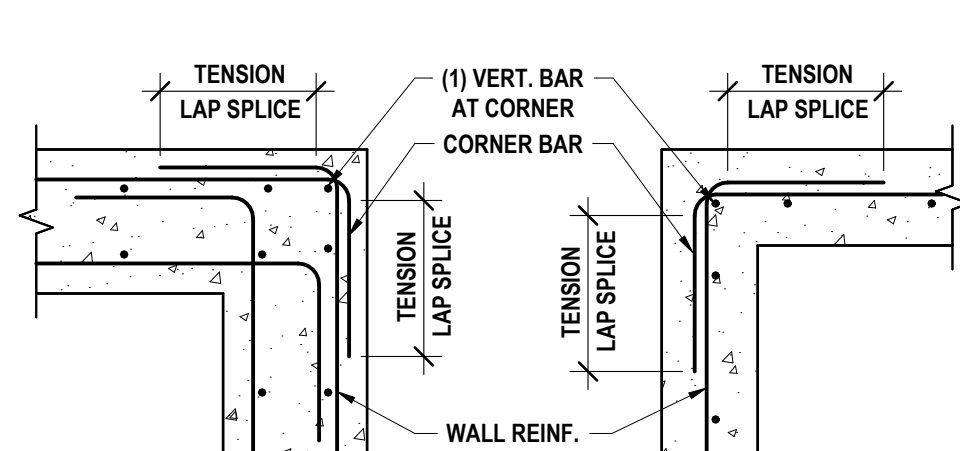
6 CONCRETE PAD FOR EQUIPMENT
3/4" = 1'-0"



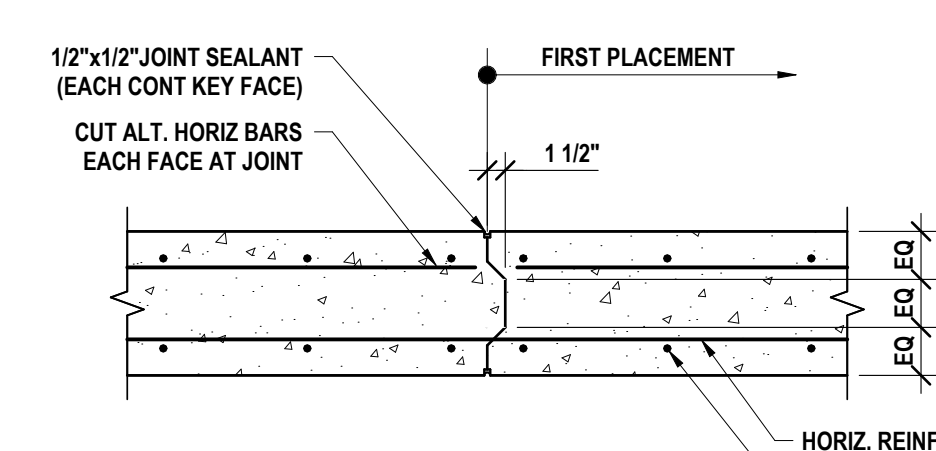
5 TYPICAL THICKENED SLAB
3/4" = 1'-0"



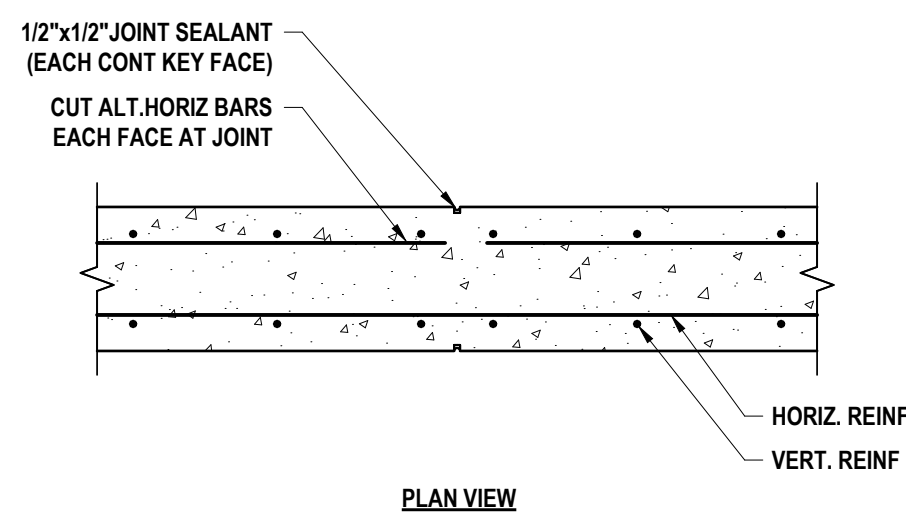
4 TYPICAL SLAB ON GRADE AND CONTROL JOINT
1 1/2" = 1'-0"



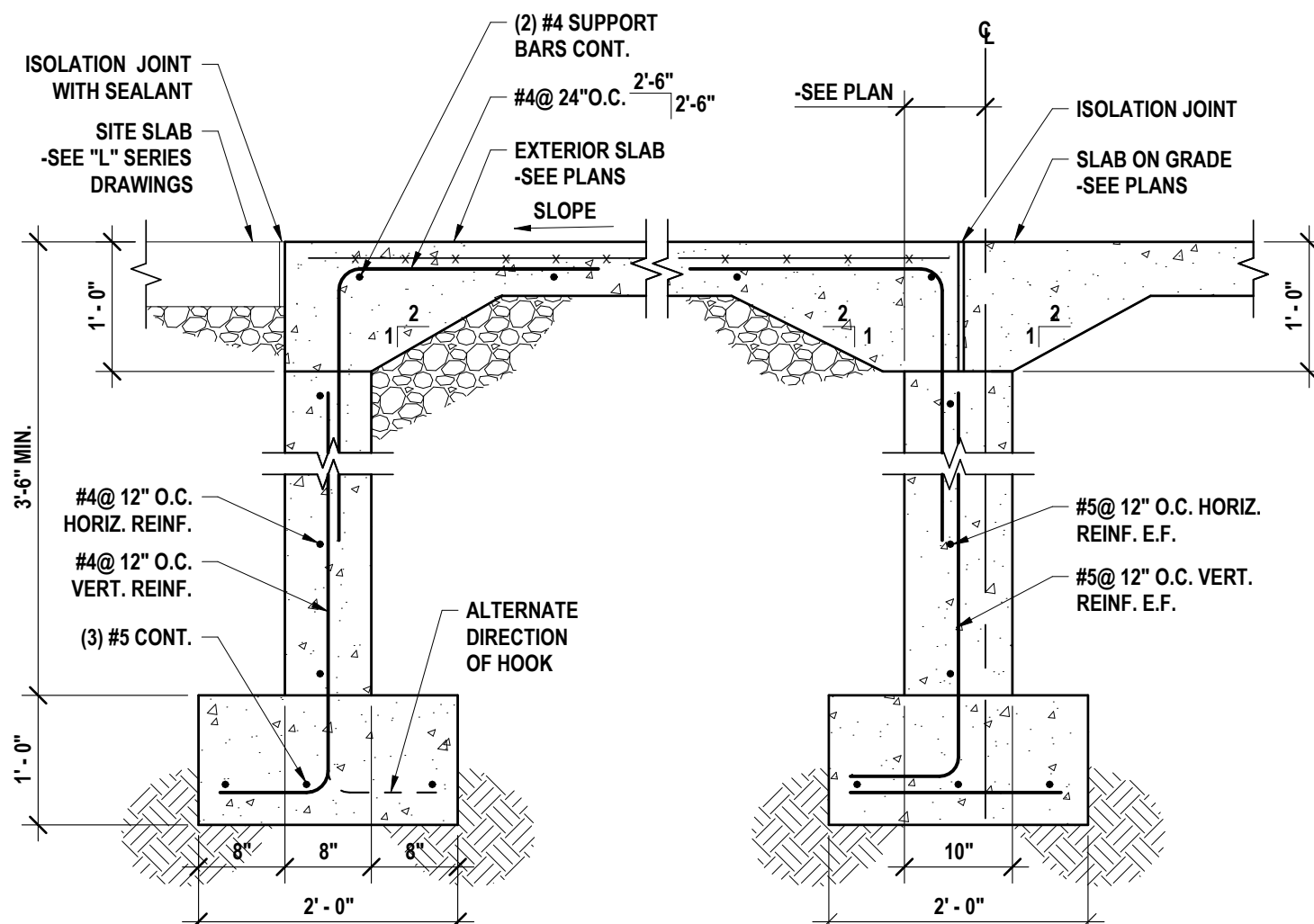
3 CONCRETE WALL PLAN AT CORNER
3/4" = 1'-0"



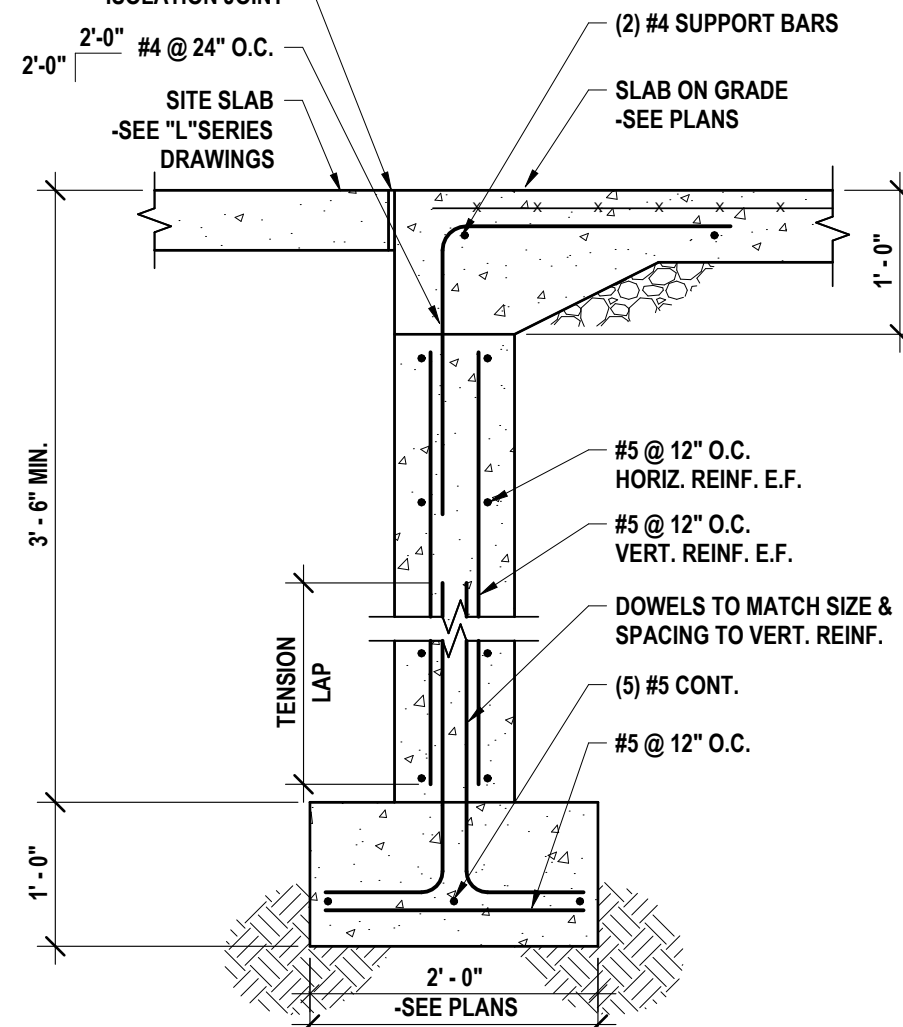
2 CONCRETE WALL CONSTRUCTION JOINT
3/4" = 1'-0"



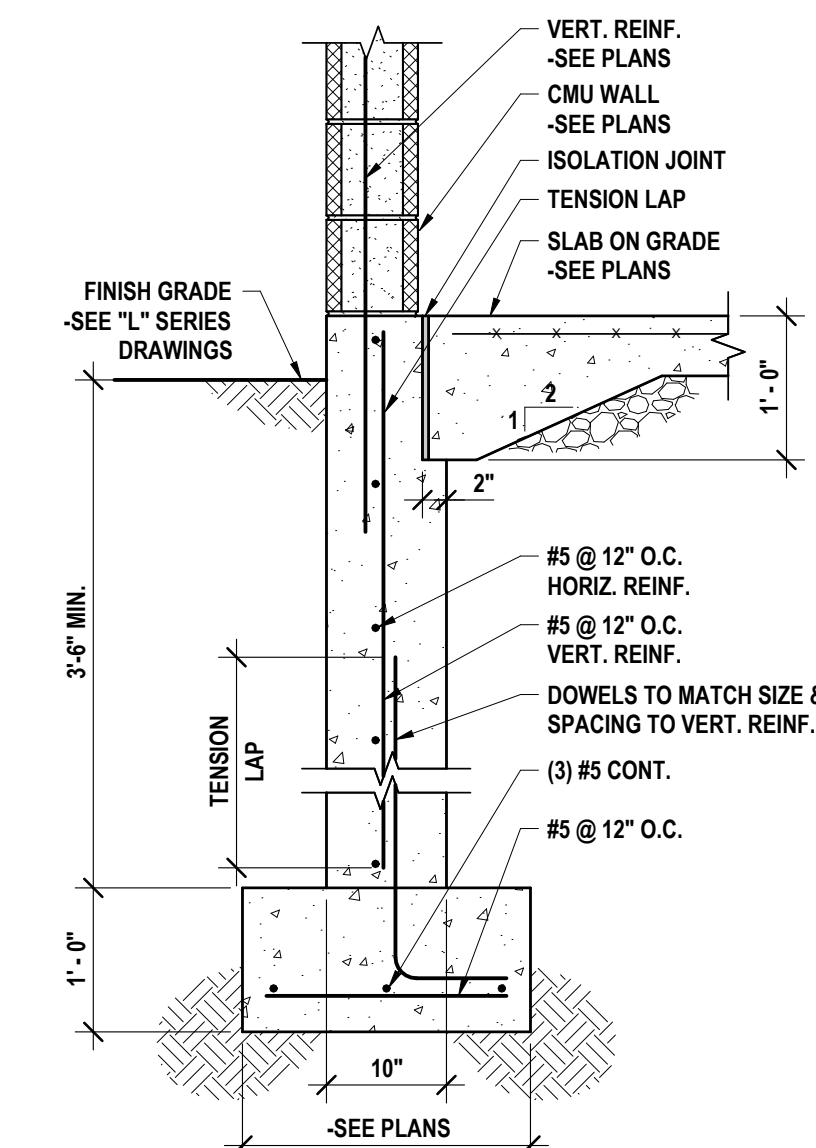
1 CONCRETE WALL CONTROL JOINT
3/4" = 1'-0"



9 TYPICAL FROST WALL AT ENTRANCE (ALTERNATE #2)
3/4" = 1'-0"



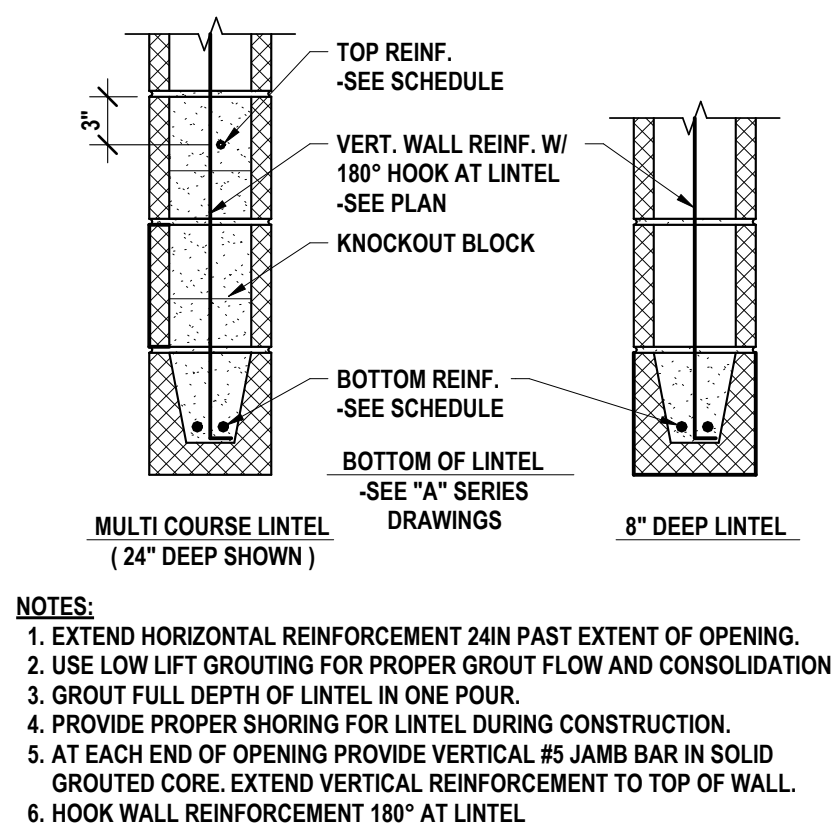
8 SLAB EDGE AT DOOR
3/4" = 1'-0"



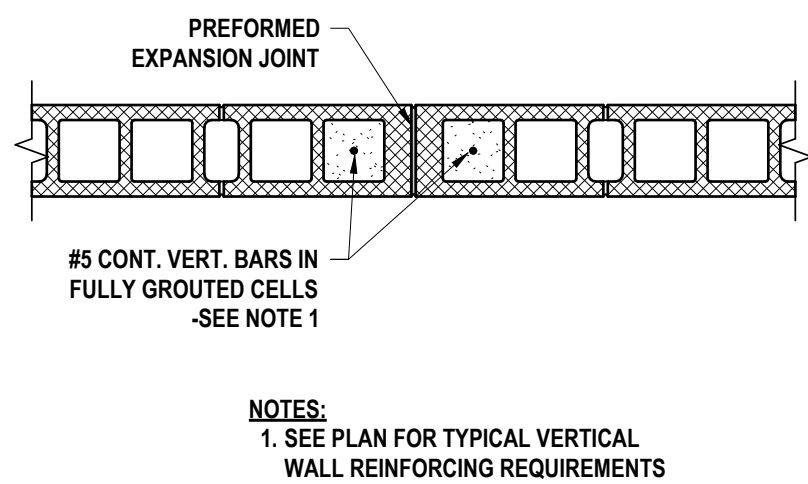
7 EXTERIOR WALL FOUNDATION
3/4" = 1'-0"

TENSION DEVELOPMENT AND LAP SPLICE LENGTHS FOR BARS IN WALLS, SLABS, AND FOOTINGS (ACI 25.4.2.3)													
BAR SIZE	LAP CLASS	CONCRETE COVER = 0.75 IN.				CONCRETE COVER = 1.50 IN.				CONCRETE COVER = 2.00 IN.			
		UNCOATED		EPOXY COATED		UNCOATED		EPOXY COATED		UNCOATED		EPOXY COATED	
		TOP	OTHER	TOP	OTHER 2	TOP	OTHER	TOP	OTHER 2	TOP	OTHER	TOP	OTHER 2
#3	A	12	12	15	13	12	12	15	13	12	12	15	13
	B	15	12	19	17	15	12	19	17	15	12	19	17
#4	A	19	15	24	22	15	12	20	17	15	12	20	17
	B	24	19	32	28	20	15	25	22	20	15	25	22
#5	A	28	21	36	32	19	15	24	22	19	15	24	22
	B	36	28	47	41	24	19	32	28	24	19	32	28
#6	A	37	29	49	43	22	17	29	26	22	17	29	26
	B	48	37	63	56	29	22	38	34	29	22	38	34
#7	A	60	46	78	69	37	28	48	42	33	25	43	38
	B	78	60	102	90	48	37	62	55	42	33	55	49
#8	A	74	57	97	86	47	36	61	54	37	29	49	43
	B	96	74	126	111	60	47	79	70	48	37	63	56
#9	A	90	69	117	104	57	44	75	66	46	36	60	53
	B	117	90	153	135	74	57	97	86	60	46	78	69
#10	A	108	83	141	125	70	54	92	81	57	44	74	66
	B	140	108	183	162	91	70	119	105	74	57	97	85
#11	A	127	98	166	146	84	64	109	97	68	53	89	79
	B	165	127	215	190	109	84	142	125	89	68	116	102

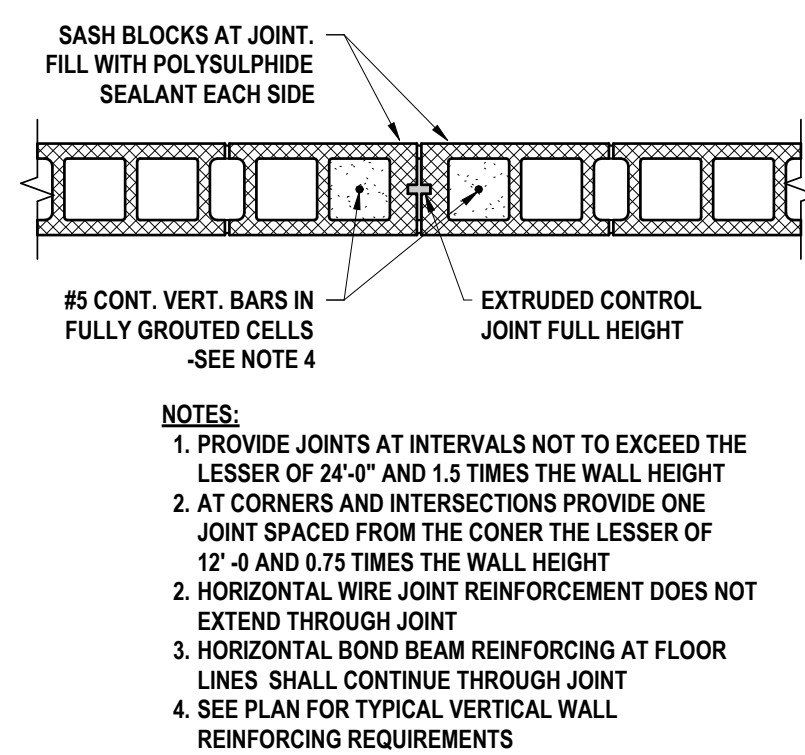
- NOTES:
- TABULATED VALUES ARE BASED ON A MINIMUM YIELD STRENGTH OF 60,000 PSI AND NORMAL-WEIGHT CONCRETE. LENGTHS ARE IN INCHES.
 - TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPLICE LENGTHS ARE CALCULATED PER ACI 318-14, SECTIONS 25.4.2.3 AND 25.5.1 RESPECTIVELY, WITH BAR SIZES LIMITED TO #3 THROUGH #11.
 - WHEN THE VARIABLE "C" FROM ACI 25.4.2.3 WAS CALCULATED, IT WAS ASSUMED THAT CONCRETE COVER CONTROLLED. THAT IS, C = C. SPACING WAS ASSUMED TO BE GREATER THAN 1.0 d, PLUS TWICE THE CONCRETE COVER.
 - LAP SPLICE LENGTHS (MINIMUM OF 12 INCHES) ARE MULTIPLES OF TENSION DEVELOPMENT LENGTHS: CLASS A = 1.0 L, AND CLASS B = 1.3 L, (ACI 318 25.5.1) WHEN DETERMINING THE LAP SPLICE LENGTH, L, IS CALCULATED WITHOUT THE 12 INCH MINIMUM OF ACI 25.4.2.1.
 - TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
 - FOR EPOXY-COATED BARS, IF THE C-C SPACING IS AT LEAST 7.0 d, AND THE CONCRETE COVER IS AT LEAST 3.0 d, THEN LENGTHS MAY BE MULTIPLIED BY 0.918 (FOR TOP BARS) OR 0.8 (FOR OTHER BARS).
 - FOR GRADE 75 REINFORCING BARS, MULTIPLY THE TABULATED VALUE BY 1.25. FOR GRADE 80 REINFORCING BARS, MULTIPLY THE TABULATED VALUES BY 1.33.
 - FOR LIGHTWEIGHT CONCRETE, DIVIDE THE TABULATED VALUES BY 0.75.



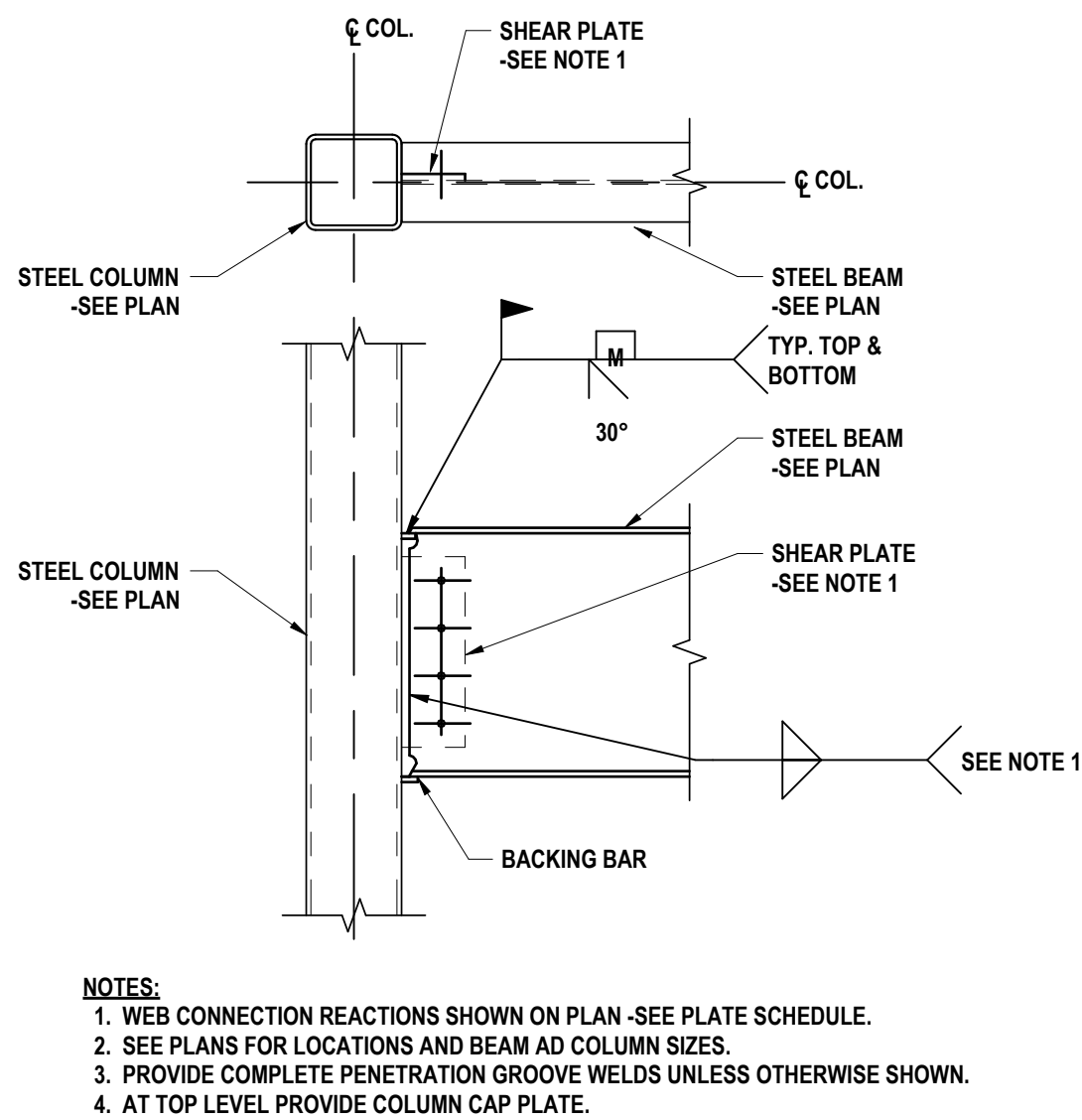
6 TYPICAL BOND BEAM LINTEL
1" = 1'-0"



5 CONCRETE BLOCK - EXPANSION JOINT
3/4" = 1'-0"



4 CONCRETE BLOCK - CONTROL JOINT
3/4" = 1'-0"

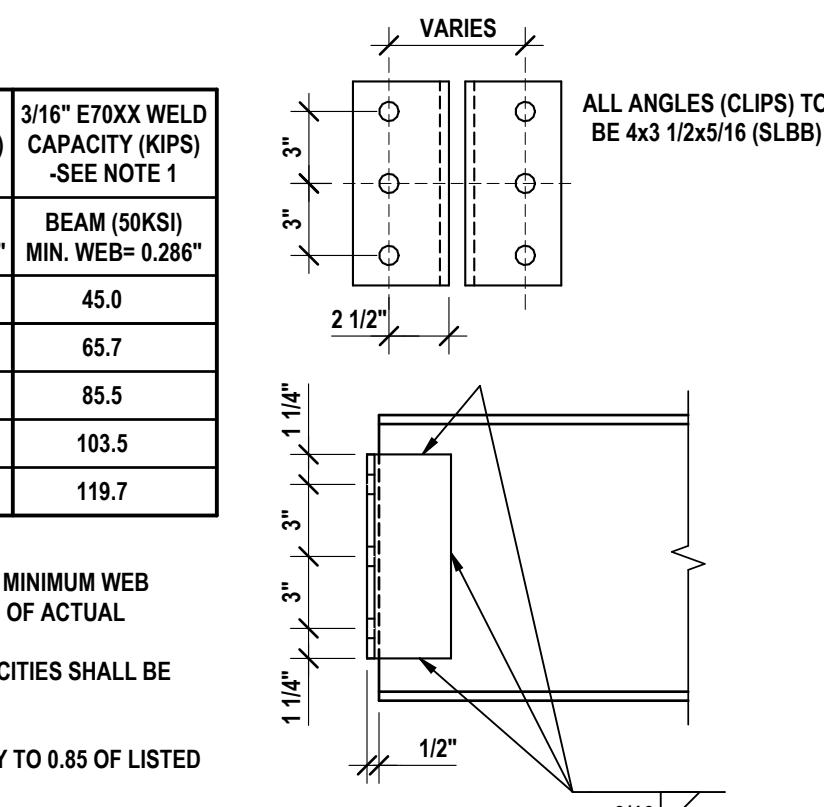


3 WELDED CONNECTION - FULLY RIGID
1" = 1'-0"

TOTAL NUMBER OF BOLTS IN CLIPS	MINIMUM CONNECTION ON BEAM	MAXIMUM CONNECTION ON BEAM	3/4" Ø BOLT CAPACITY (KIPS) - SEE NOTE 1	3/16" E70XX WELD CAPACITY (KIPS) - SEE NOTE 1
4	W8, W10, W12	W8, W10	36.0	45.0
6	W14, W16, W18	W12, W14	56.7	65.7
8	W21, W24	W16	75.6	85.5
10	W27, W30	W18	94.5	103.5
12	W33, W36	W21	112.5	119.7

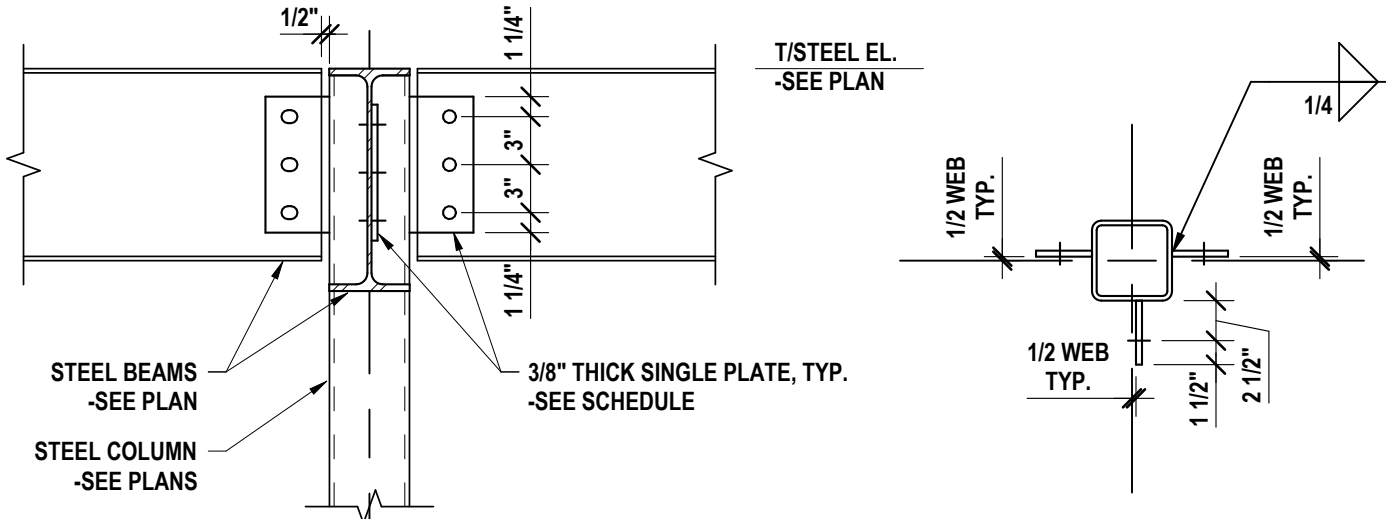
NOTES:
 1. WHEN THE GIRDER OR BEAM WEB THICKNESS IS LESS THAN LISTED THICKNESS, MULTIPLY LISTED CAPACITY BY 0.85.
 2. THE LESSER OF THE GIRDER OR BEAM CONNECTION CAPACITIES SHALL BE TAKEN AS THE CONTROLLING CONNECTION CAPACITY.
 3. EITHER A325-N OR A325-X BOLTS MAY BE USED.
 4. WHEN CONNECTING TO EXISTING STEEL REDUCE CAPACITY TO 0.85 OF LISTED CAPACITY.

2 TYPICAL FRAMED BEAM CONNECTIONS
1 1/2" = 1'-0"

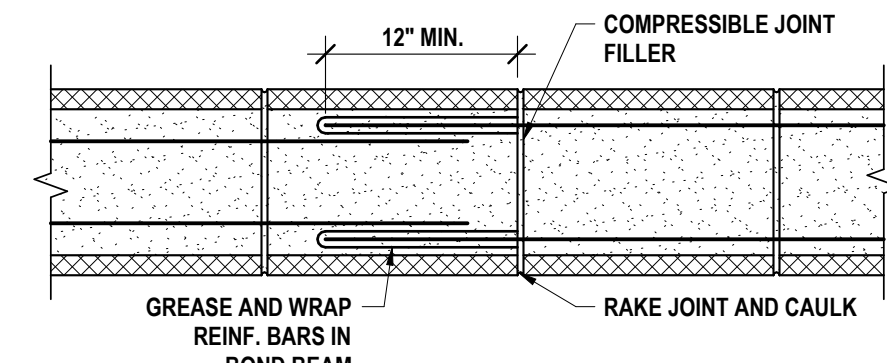


SINGLE PLATE CONNECTION SCHEDULE					
MINIMUM CONNECTION ON BEAM	MAXIMUM CONNECTION ON BEAM	NO. OF BOLTS (TOTAL)	3/4" Ø BOLTS CAPACITY (KIPS)		
			A325-N STD & SSLT	A325-X STD & SSLT	MIN. WEB (IN)
W8, W10, W12	W8, W10	2	15.0	0.143	16.8
W14, W16, W18	W12, W14	3	26.5	0.168	33.4
W21, W24	W16	4	37.9	0.180	46.8
W27, W30	W18	5	49.1	0.187	57.8
W33, W36	W21	6	60.1	0.191	68.7

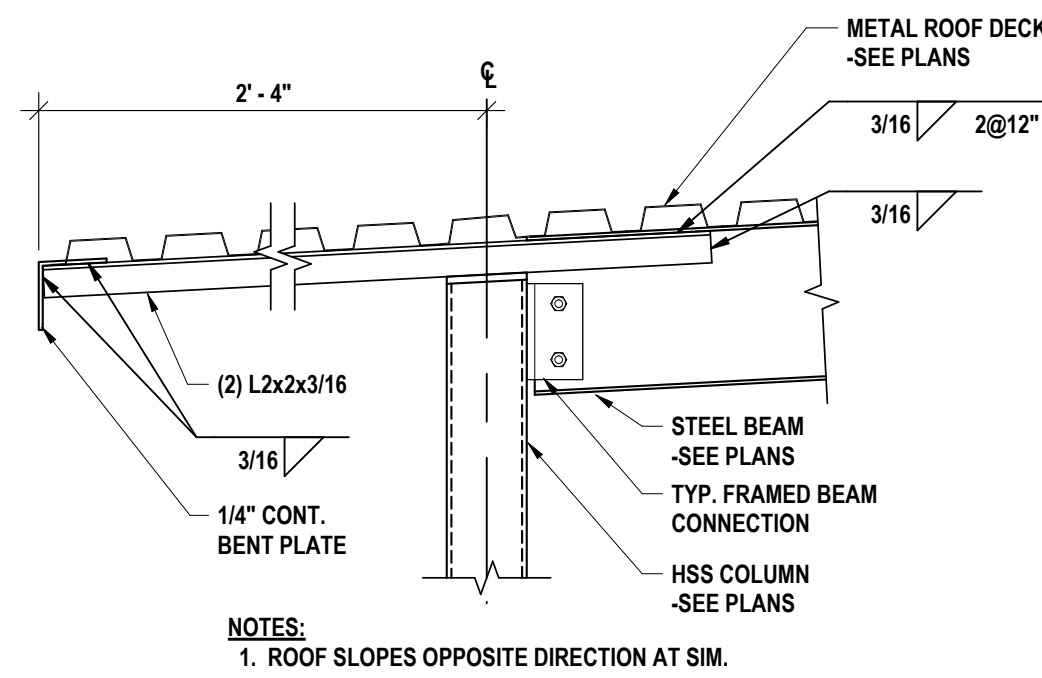
NOTES:
 1. WHEN BEAM WEB THICKNESS IS LESS THAN LISTED THICKNESS, MULTIPLY LISTED CAPACITY BY RATIO OF ACTUAL THICKNESS TO LISTED MINIMUM THICKNESS.
 2. MINIMUM COLUMN THICKNESS = 0.25".
 3. USE WELDING ELECTRODES E70XX FOR ALL WELDS.
 4. WHEN CONNECTING TO EXISTING STEEL MULTIPLY THE LISTED CAPACITY BY 0.85.



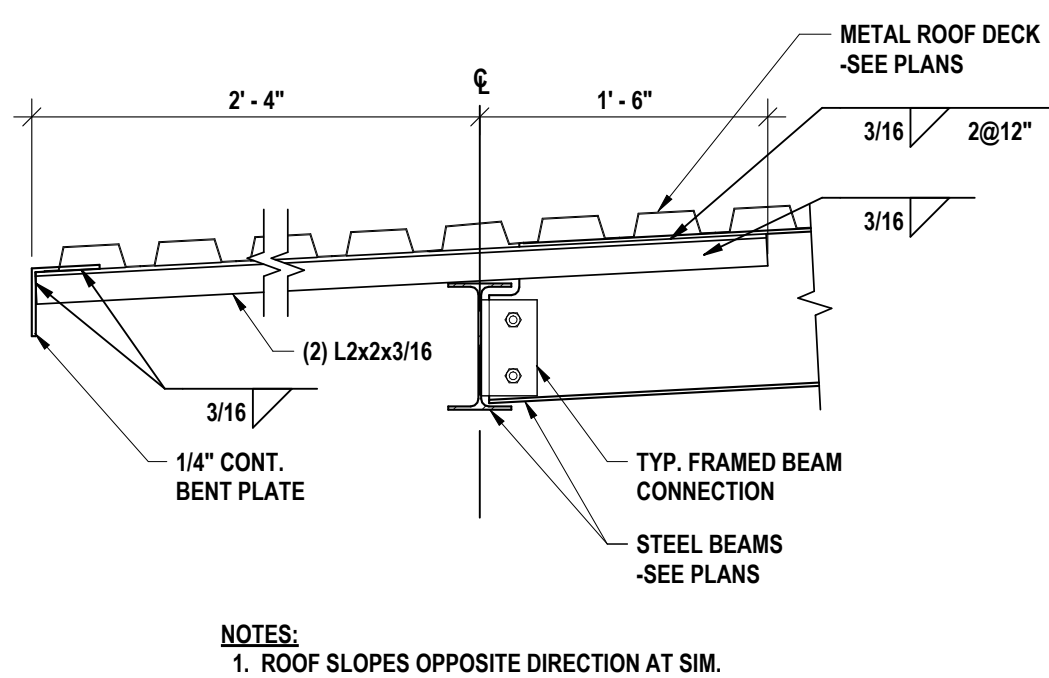
1 TYPICAL SINGLE PLATE CONNECTION AT COLUMN
1" = 1'-0"



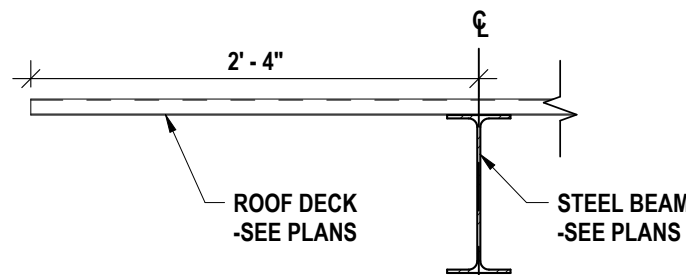
7 MASONRY WALL CONTROL JOINT (BOND BEAM)
1" = 1'-0"



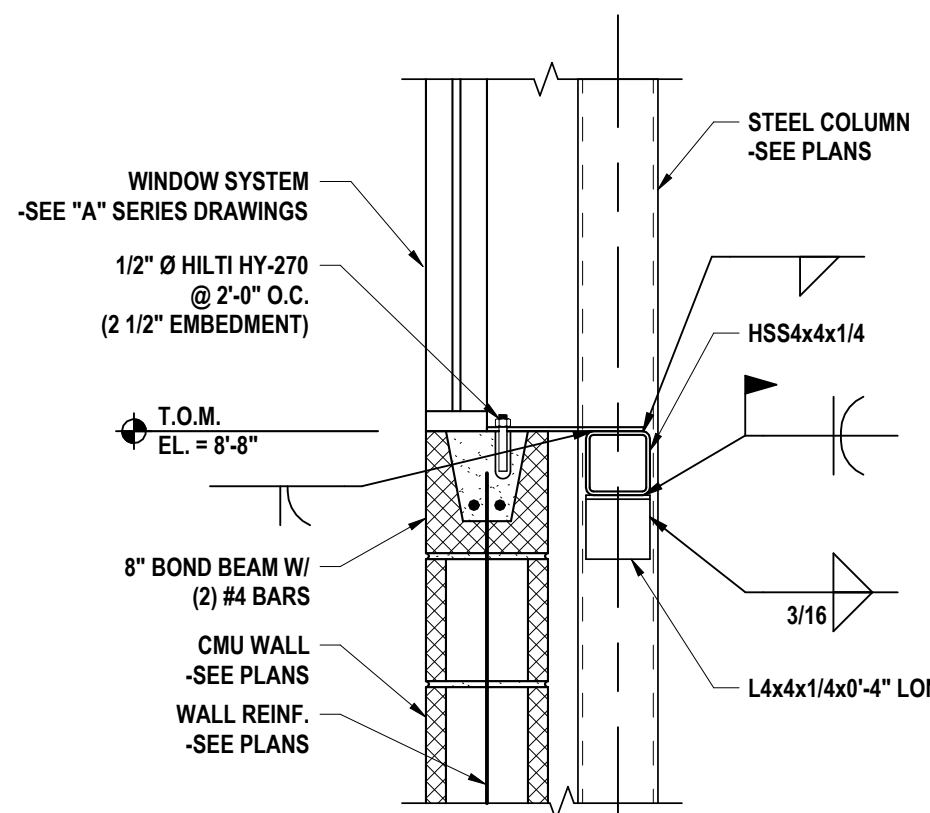
9 CANTILEVER ROOF EDGE AT COLUMN
1" = 1'-0"



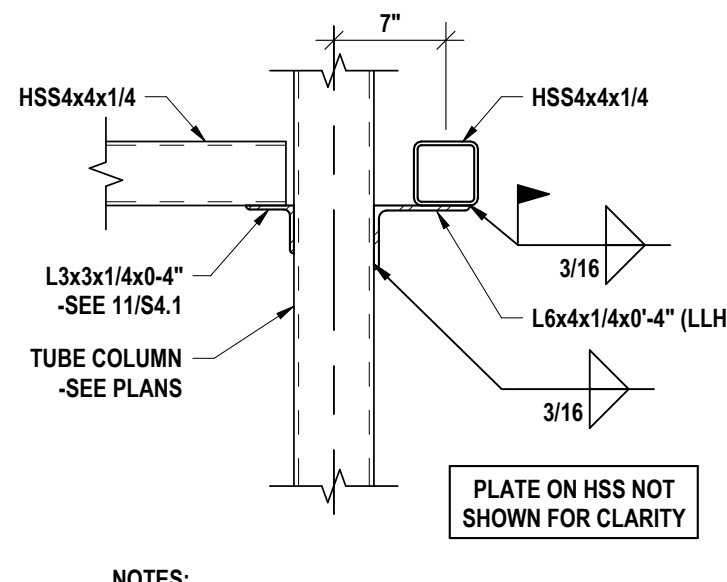
8 CANTILEVER ROOF EDGE AT BEAM
1" = 1'-0"



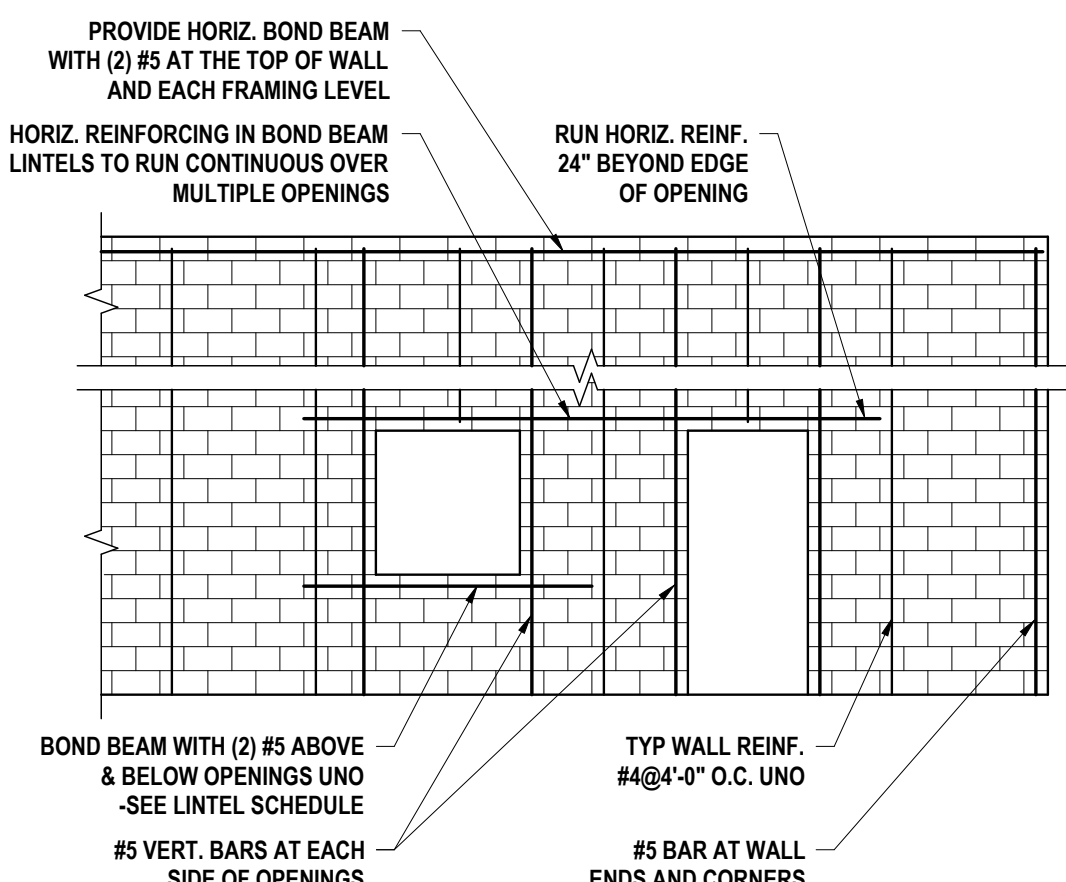
10 CANTILEVERED ROOF DECK
1" = 1'-0"



11 WALL SUPPORT DETAIL
1" = 1'-0"

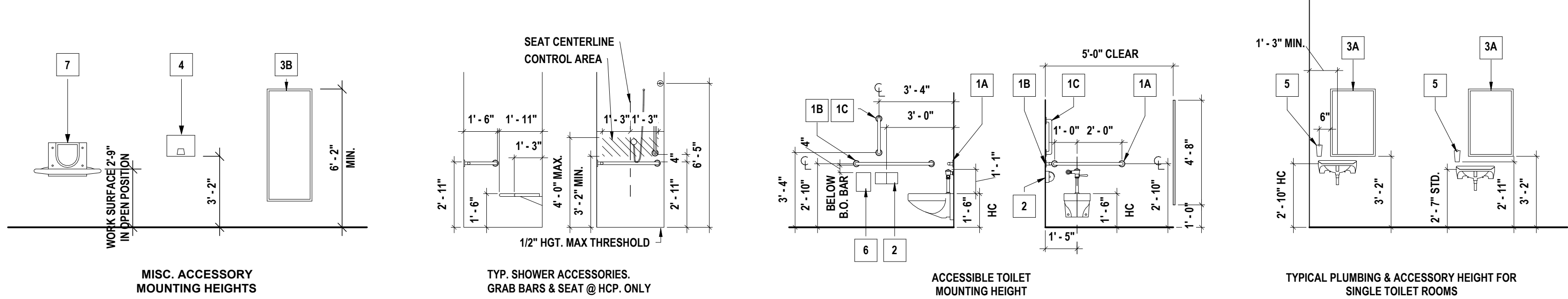


12 OFFSET TUBE CONNECTION
1" = 1'-0"

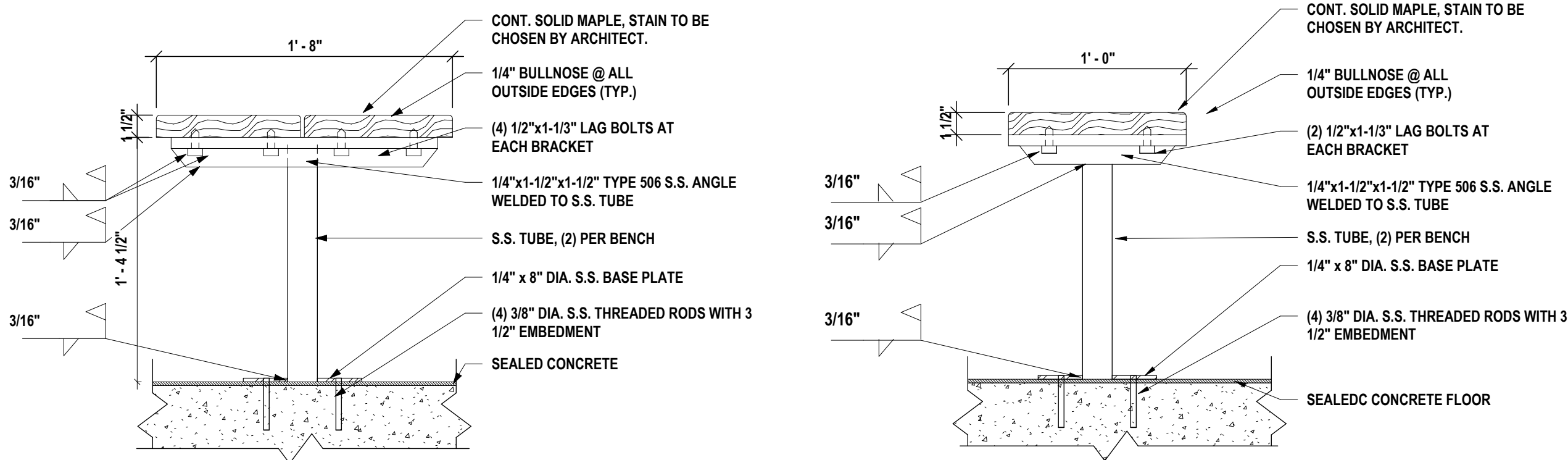


13 TYPICAL MASONRY WALL REINFORCING
3/16" = 1'-0"

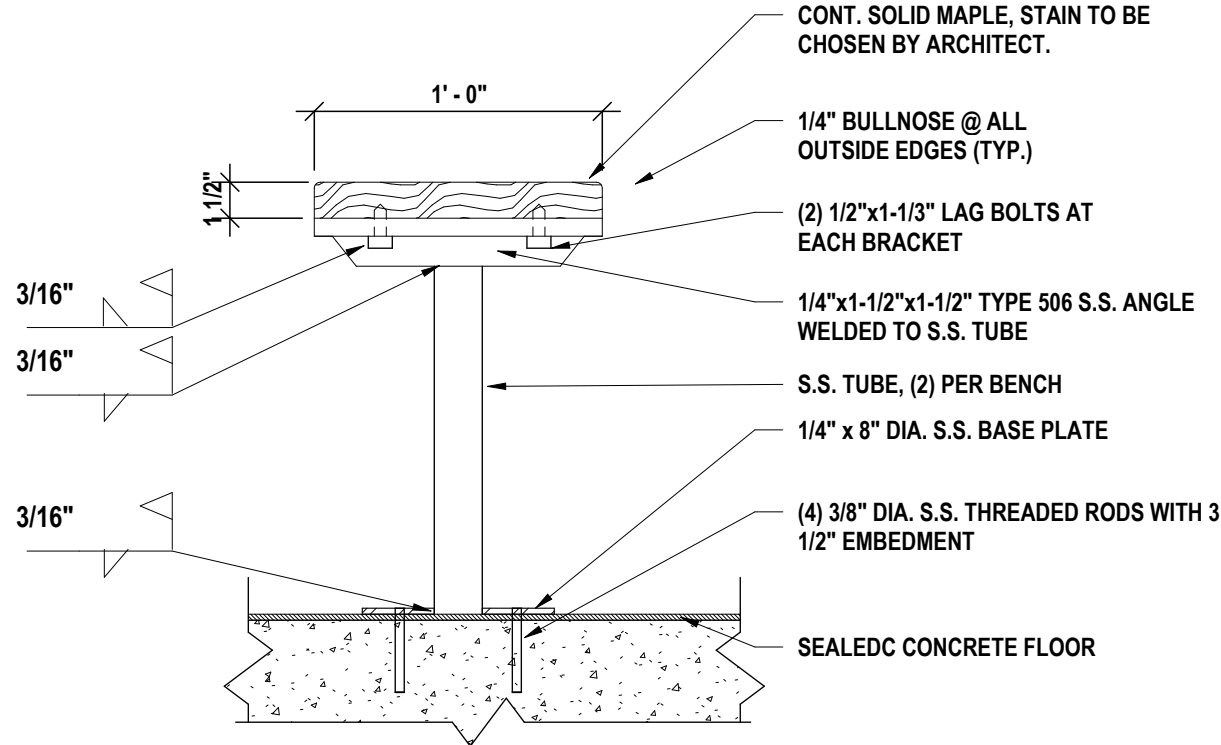
TOILET ROOM ACCESSORY SCHEDULE					
SYMBOL	DESCRIPTION	MANUFACT.	MODEL	SIZE	REMARKS
1A	GRAB BAR	AMERICAN SPECIALTIES INC.	3800	36"	HORIZONTAL
1B	GRAB BAR	AMERICAN SPECIALTIES INC.	3800	42"	HORIZONTAL
1C	GRAB BAR	AMERICAN SPECIALTIES INC.	3800	18"	VERTICAL
2	TOILET TISSUE DISPENSER	FURNISHED BY OWNER	-	-	INSTALLED BY GC
3A	MIRROR	AMERICAN SPECIALTIES INC.	#600 SERIES	18" x 36"	SURFACE MOUNTED
3B	MIRROR	AMERICAN SPECIALTIES INC.	#600 SERIES	24" x 60"	SURFACE MOUNTED
4	ELECTRIC HAND DRYER	FURNISHED BY OWNER	-	-	INSTALLED BY GC
5	SOAP DISPENSER	FURNISHED BY OWNER	-	-	INSTALLED BY GC
6	SANITARY NAPKIN DISPOSAL	AMERICAN SPECIALTIES INC.	0852	7-1/2" x 10" x 3-7/8"	SURFACE MOUNTED
7	BABY CHANGING STATION	AMERICAN SPECIALTIES INC.	REFER TO SPEC.	-	SURFACE MOUNTED



- NOTES:
1. REFER TO FLOOR PLANS FOR QUANTITIES
 2. ALL DIMENSIONS FROM FACE OF FINISHED FLOOR OR WALL



6 BENCH DETAIL - ADA
1 1/2" = 1'-0"



5 BENCH DETAIL - TYP.
1 1/2" = 1'-0"

GENERAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED TO IMPLEMENT THE WORK OF THE CONTRACT, REGARDLESS OF WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY WORK AND NOTIFY ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- ALL NEW DOOR FRAMES INSTALLED IN METAL STUD OR MASONRY PARTITIONS SHALL BE MOUNTED 4" FROM ADJACENT WALLS (6" TO DOOR). TOOTH IN CMU BLOCK AND ANCHORS AT DOORS IN EXISTING CMU WALLS, UNLESS NOTED OR DETAILED OTHERWISE.
- ITEMS SHOWN ARE INTENDED TO GIVE APPROXIMATE QUANTITY, LOCATION & TYPE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL QUANTITY & EXISTING FIELD CONDITIONS.
- ALL DIMENSIONS ARE TAKEN FROM FACE OF WALL TO FACE OF WALL, UNLESS NOTED OTHERWISE.
- THERE SHALL BE A MINIMUM OF 1'-6" CLEAR FLOOR SPACE ON THE PULL SIDE OF ALL NEW DOORS; THERE SHALL BE A MINIMUM OF 1'-0" CLEAR FLOOR SPACE ON THE PUSH SIDE OF ALL NEW DOORS.
- THE WHEELCHAIR SYMBOL INDICATES HANDICAP ACCESSIBLE MOUNTED FIXTURE ELEVATION AND SHALL CONFORM WITH CABO/ANSI A117.1 AND ADAAG.
- EXTEND ALL NEW PARTITIONS TO DECK ABOVE, UNLESS NOTED OTHERWISE.
- ALL FINISHED ASSEMBLIES ARE REQUIRED TO BE PROTECTED DURING THE COURSE OF CONSTRUCTION. ALL FINISHED ASSEMBLIES DAMAGED DURING THE COURSE OF CONSTRUCTION ARE REQUIRED TO BE REPLACED OR REPAIRED AT THE ARCHITECT'S DIRECTION.
- ALL EXPOSED STEEL STRUCTURE TO BE PAINTED WITH HIGH PERFORMANCE EPOXY PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- CONTRACTOR TO RANDOMIZE SPLIT FACE AND STANDARD FACE CMU, USING 50/50 OF EACH BLOCK TYPE. ELEVATIONSS REFERENCE DESIGN INTENT.
- ALL EXTERIOR WALLS TO BE TYPE 1 UNO.
- ALL PARTITION WALLS TO BE TYPE 1A UNO.

PLAN DRAWING NOTES:

- PROVIDE DRINKING FOUNTAIN. REFER TO "P" DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE SEALED CONCRETE FLOOR.
- PROVIDE MOP SINK.
- PROVIDE FLOOR DRAIN. REFERENCE "P" DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL INTERIOR CMU WALLS AND PARTITIONS TO BE PAINTED WITH HIGH PERFORMANCE EPOXY PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- PROVIDE BENCH.
- PROVIDE 24" DEEP SOLID SURFACE COUNTERTOP AND VANITY WITH METAL BRACKETS.

GENERAL CEILING NOTES:

- ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER ENGINEERING DRAWINGS FOR LOCATION OF LIGHT FIXTURES AND MECHANICAL EQUIPMENT. COORDINATE WITH ALL OTHER PRIME CONTRACTORS.
- PAIN

RCP DRAWING NOTE:

- OPEN TO STRUCTURE ABOVE; PAINT EXPOSED STRUCTURE, AND ALL CEILING MOUNTED ELEMENTS (NOT FACTORY FINISHED).
- PROVIDE LONGBOARD CLADDING SYSTEM OR SIMILAR. CEILING SYSTEM TO MATCH SLOPE OF ROOF AND STRUCTURE ABOVE.
- PROVIDE MULLION MATE OR SIMILAR TO ATTACH GLAZING SYSTEM AND PARTITION WALLS AT ALL INTERSECTIONS. INSTALL PER MANUFACTURER'S RECOMMENDATION.

RCP KEY

- INDICATES ELEC. LIGHT FIXTURE
- ▬ INDICATES ELEC. LIGHT FIXTURE
- INDICATES HVAC GRILLE

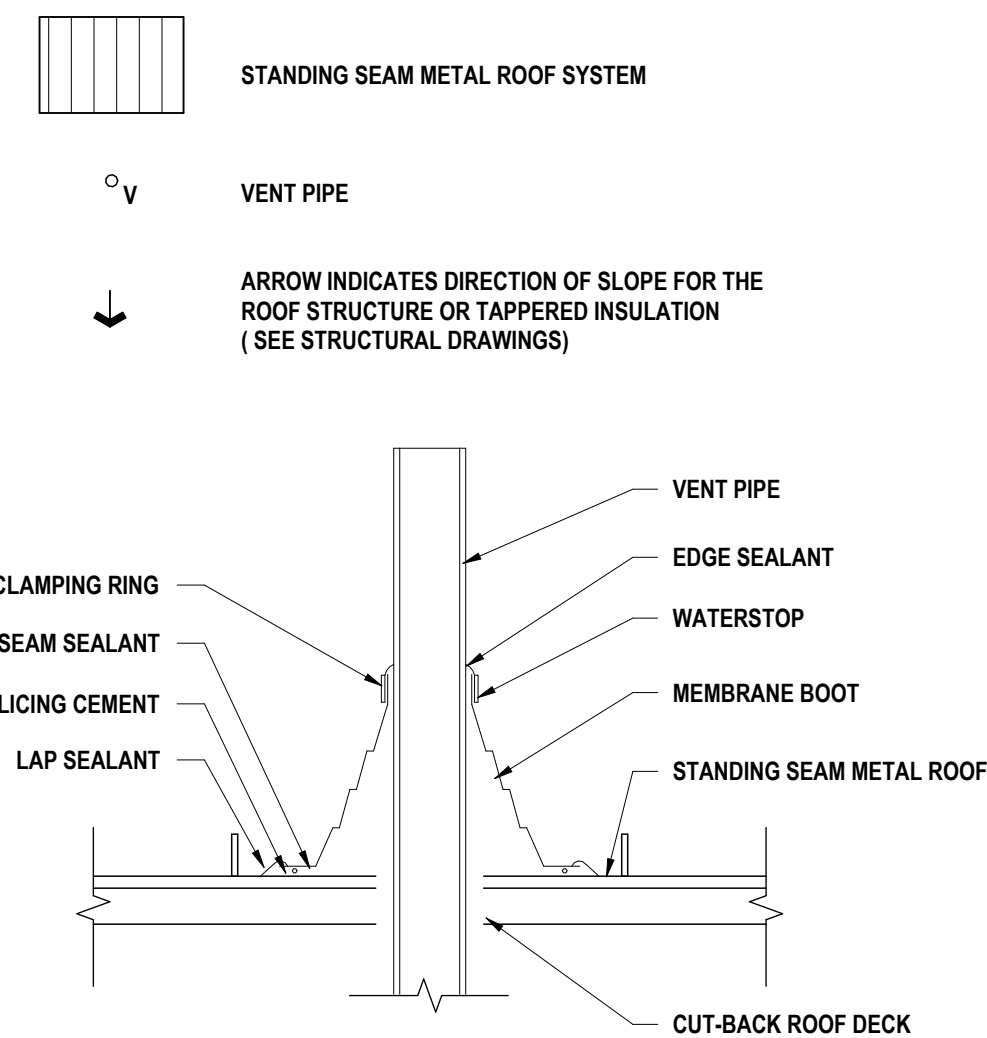
GENERAL ROOF NOTES:

- PROVIDE ALL MATERIALS TO MAKE SMOOTH TRANSITIONS AT ROOF EDGES AND INTERSECTIONS.
- PROVIDE FLASHING AT ALL PENETRATIONS.
- PROVIDE ALL ROOF OPENINGS REQUIRED FOR ALL PENETRATIONS.

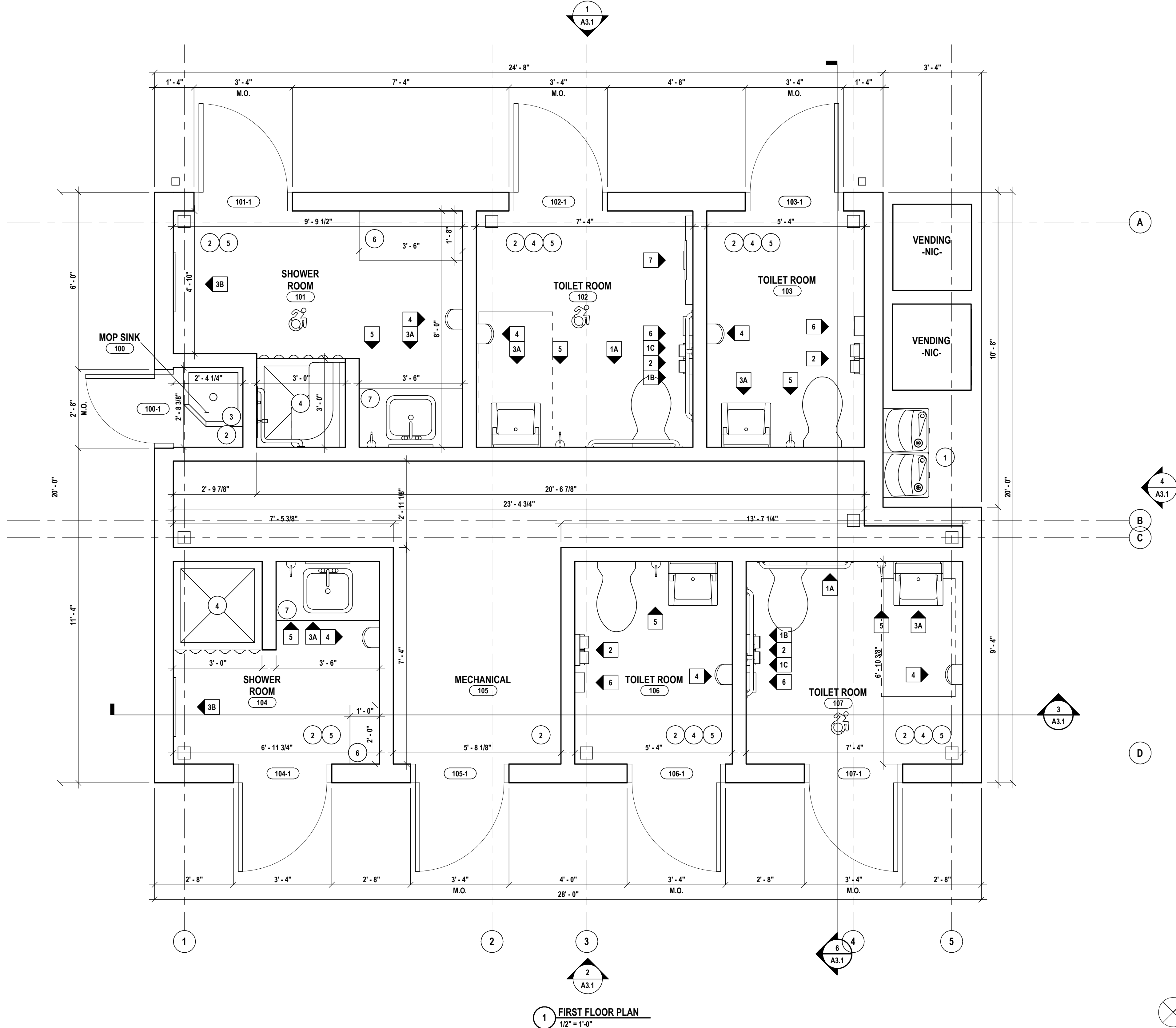
ROOF DRAWING NOTES:

- PROVIDE STANDING SEAM METAL ROOF SYSTEM.
- PROVIDE ALUMINUM GUTTER AND DOWNSPOUT.
- PROVIDE SNOWGUARD SYSTEM.

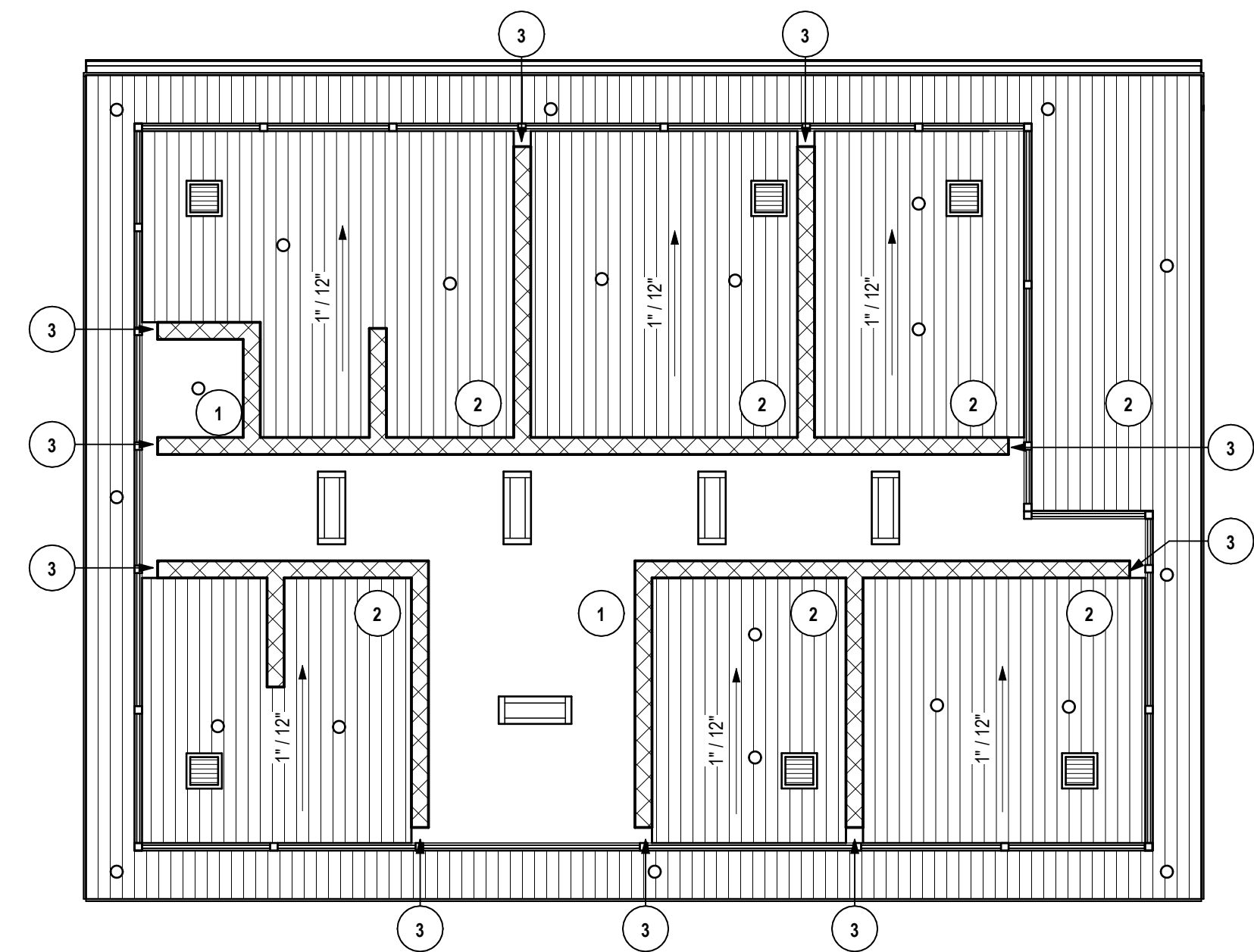
ROOF LEGEND:



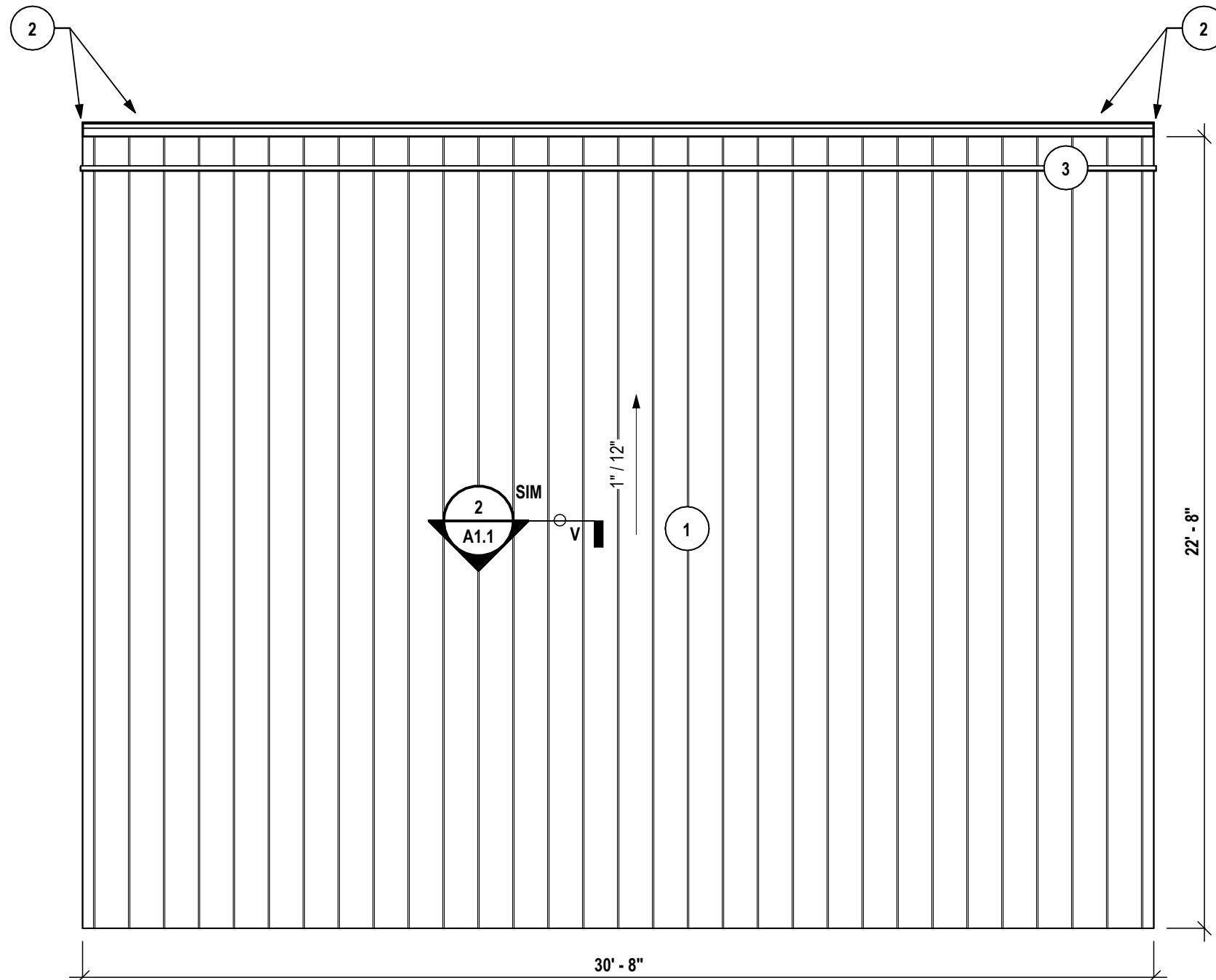
2 VENT PIPE DETAIL
1 1/2" = 1'-0"



1 FIRST FLOOR PLAN
1/2" = 1'-0"

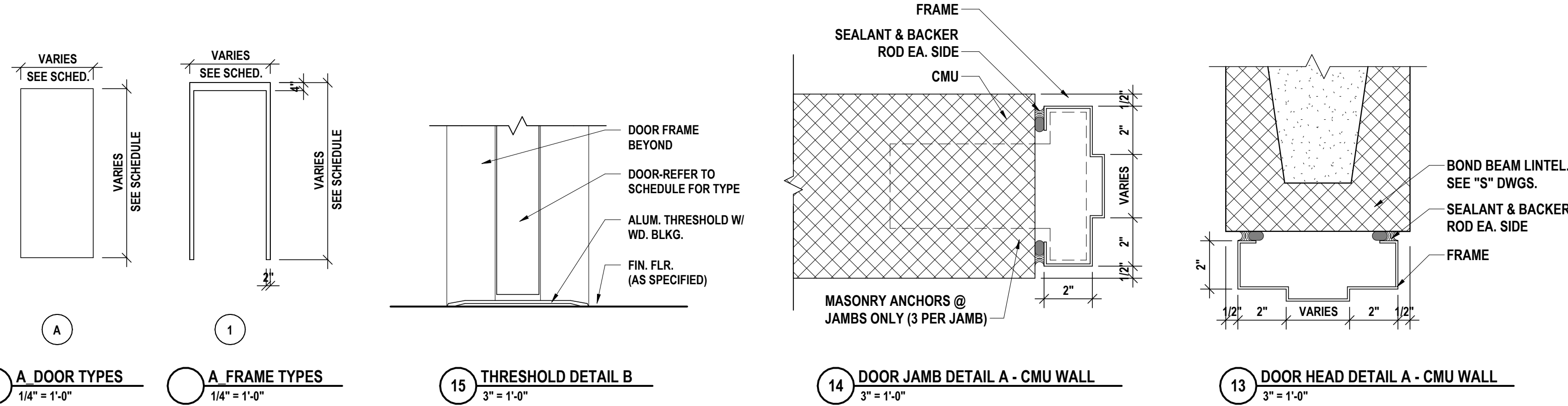


4 FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"

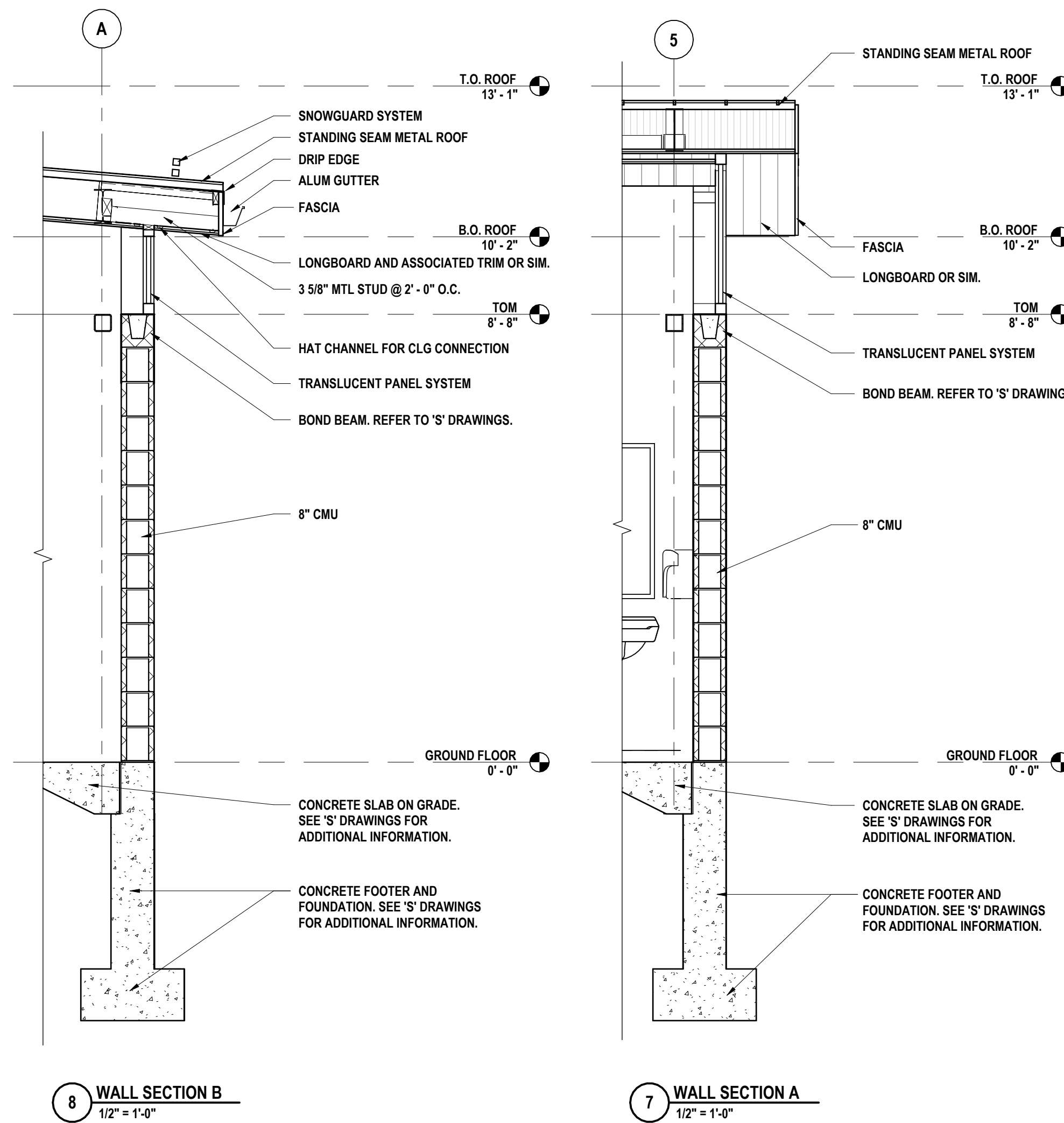
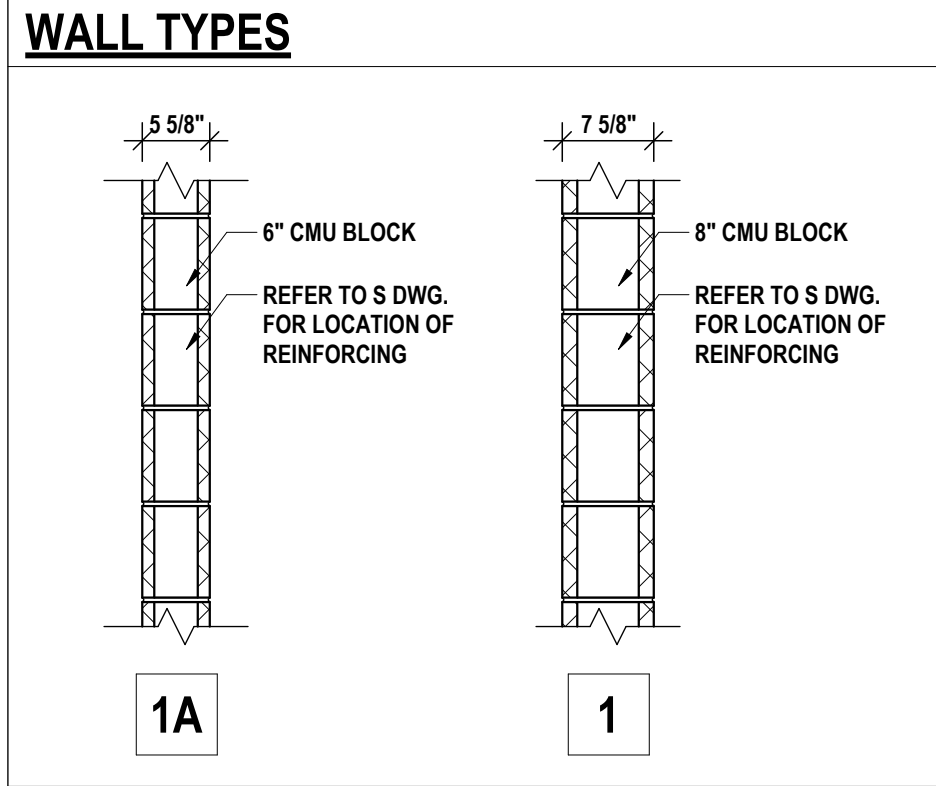
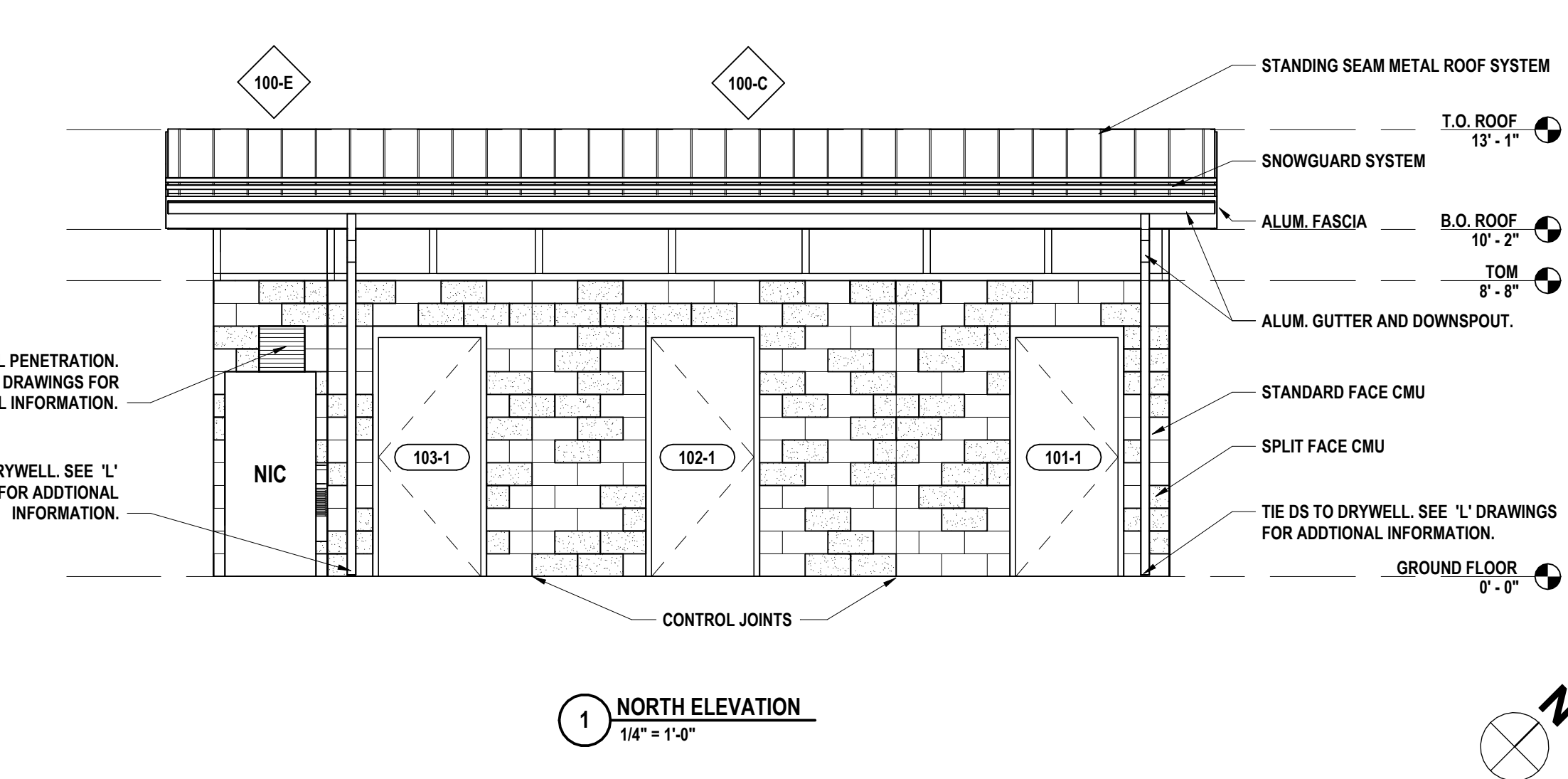
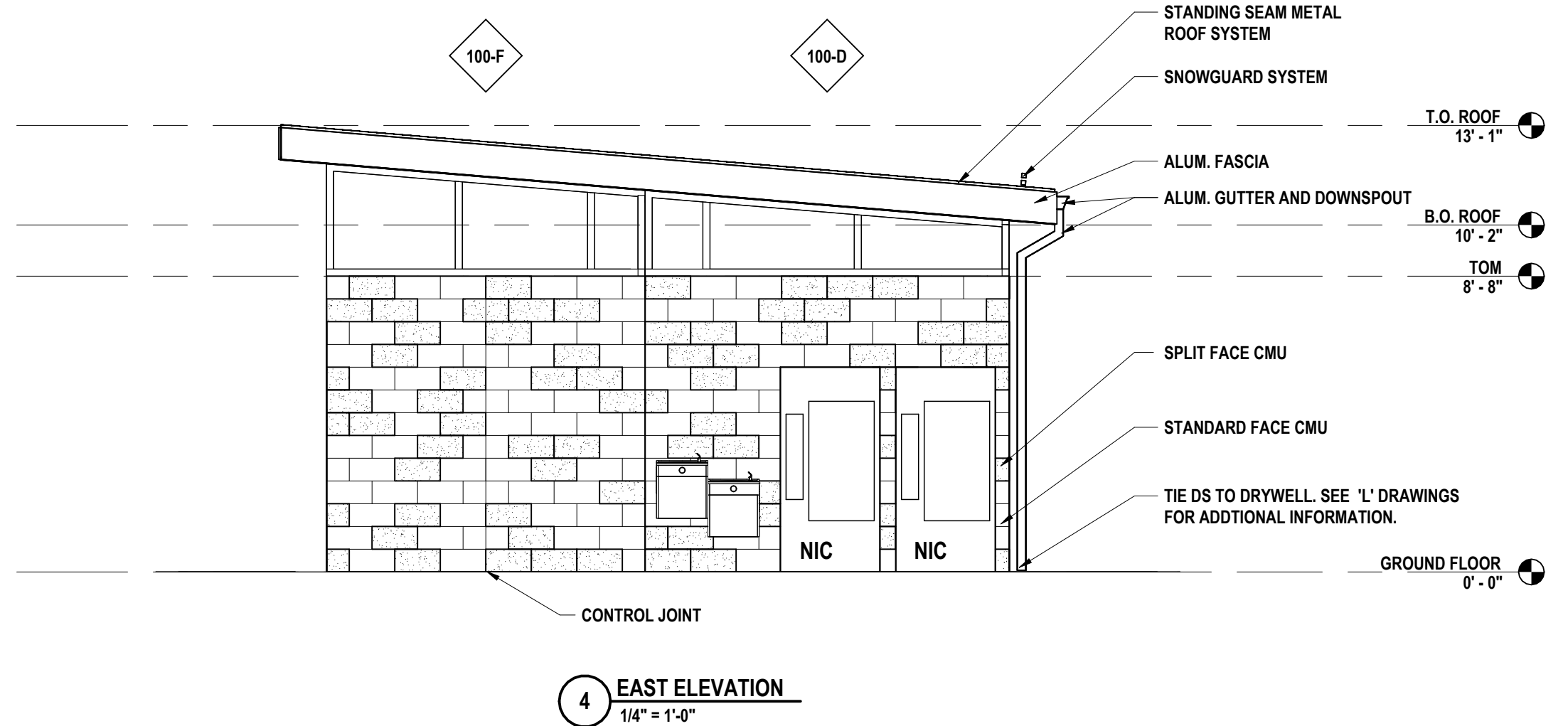
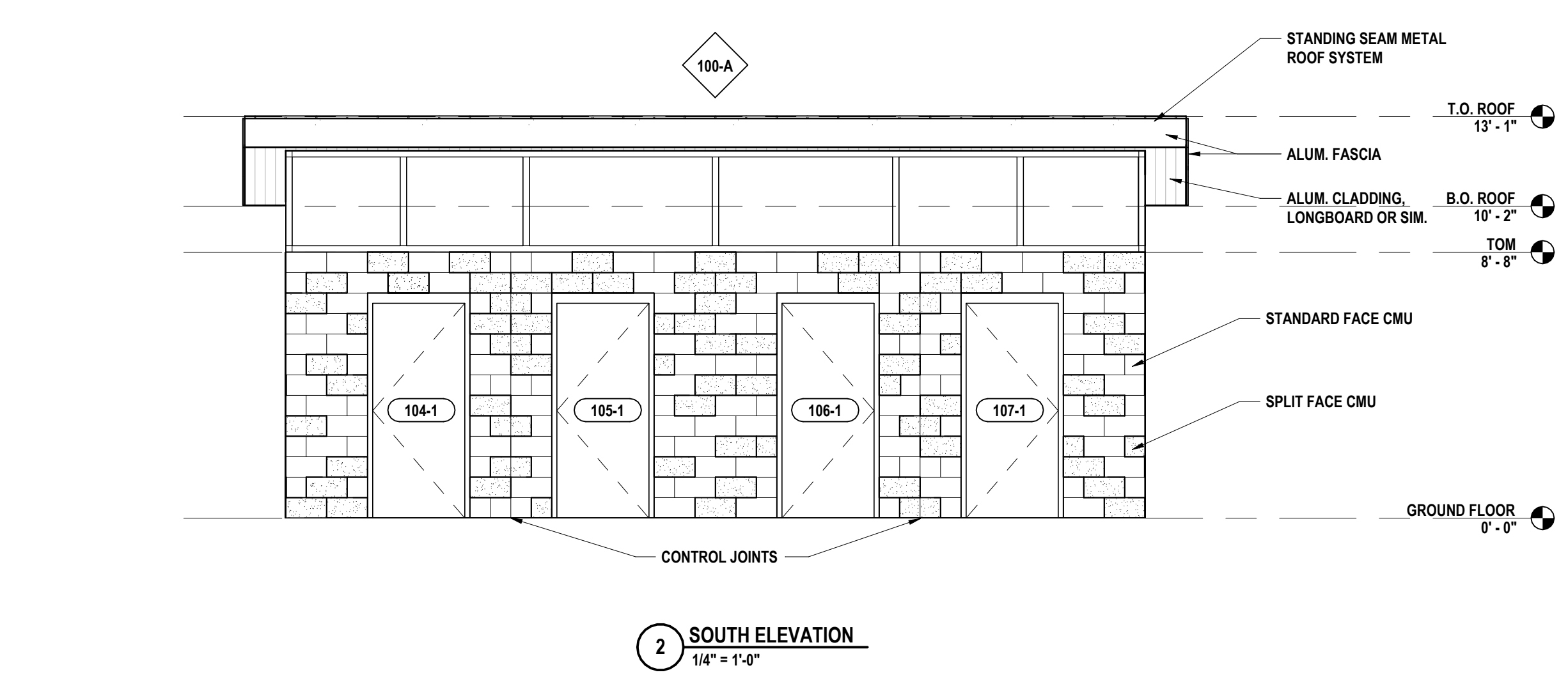
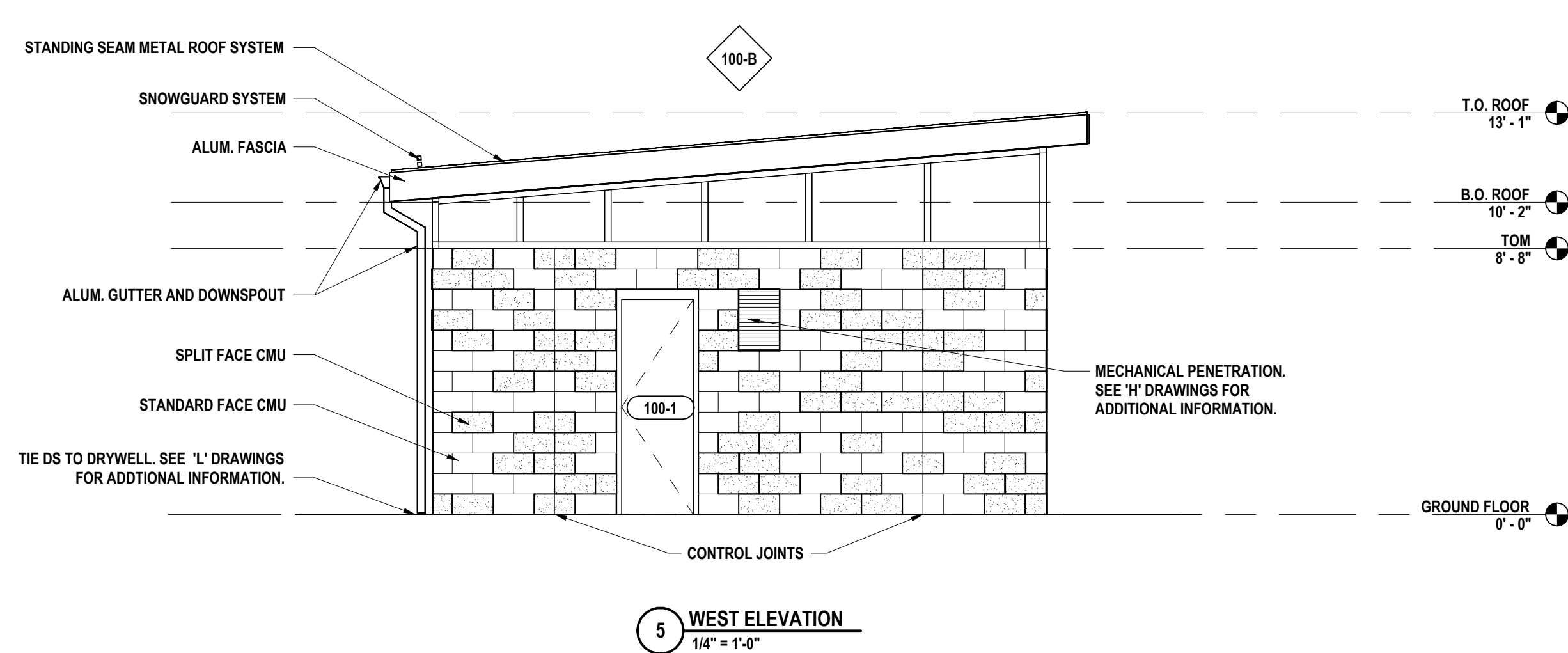
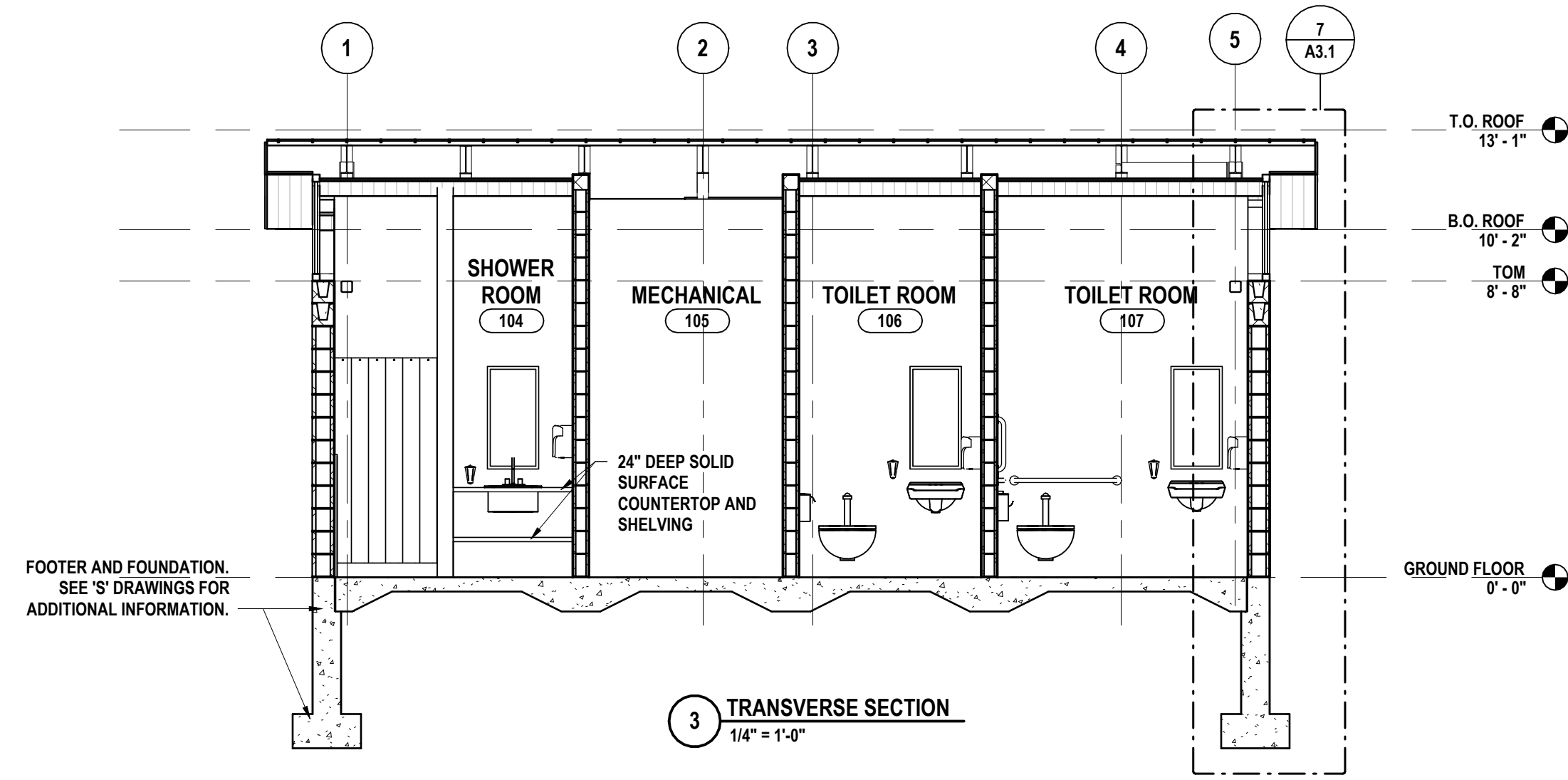
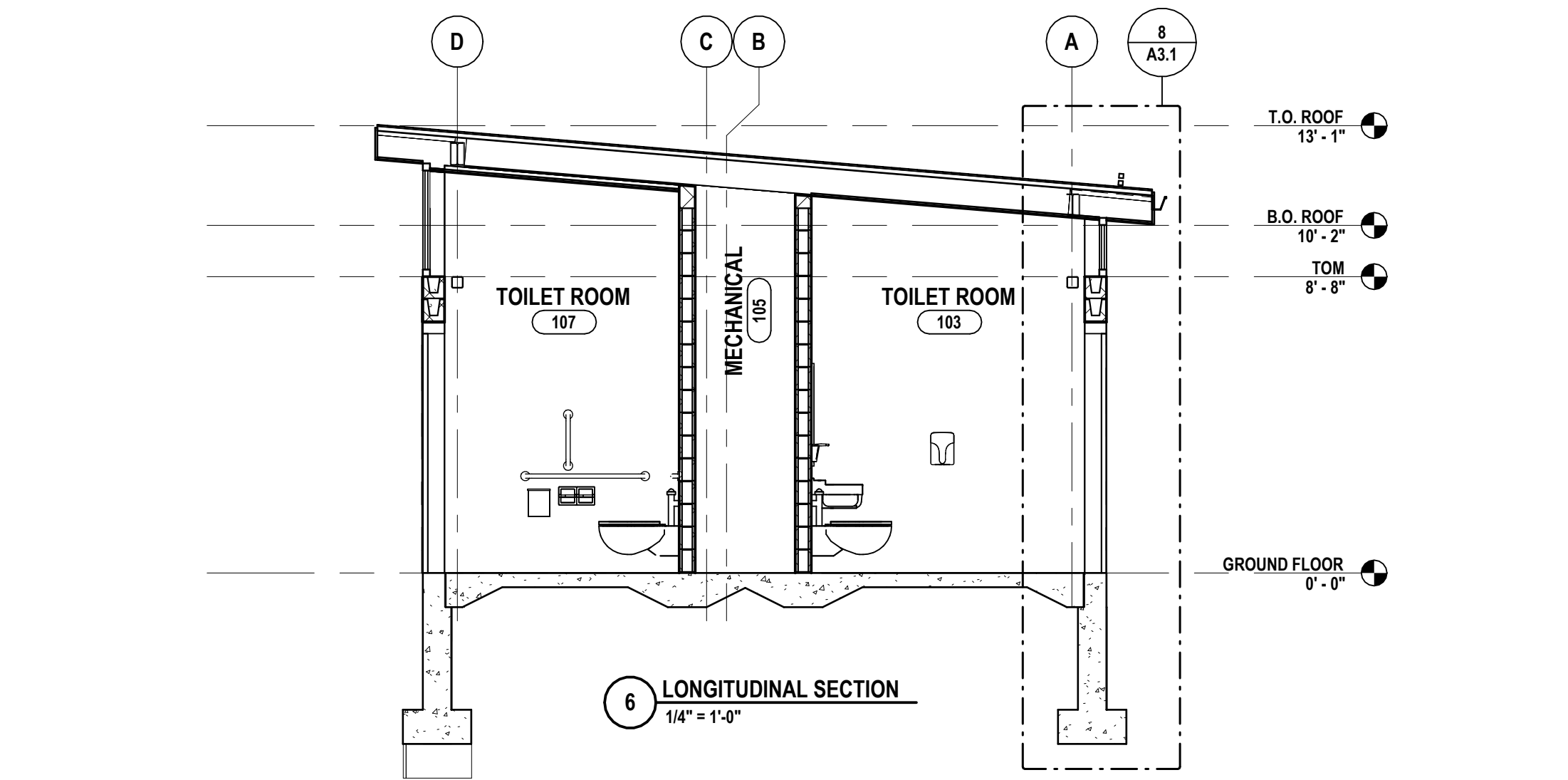
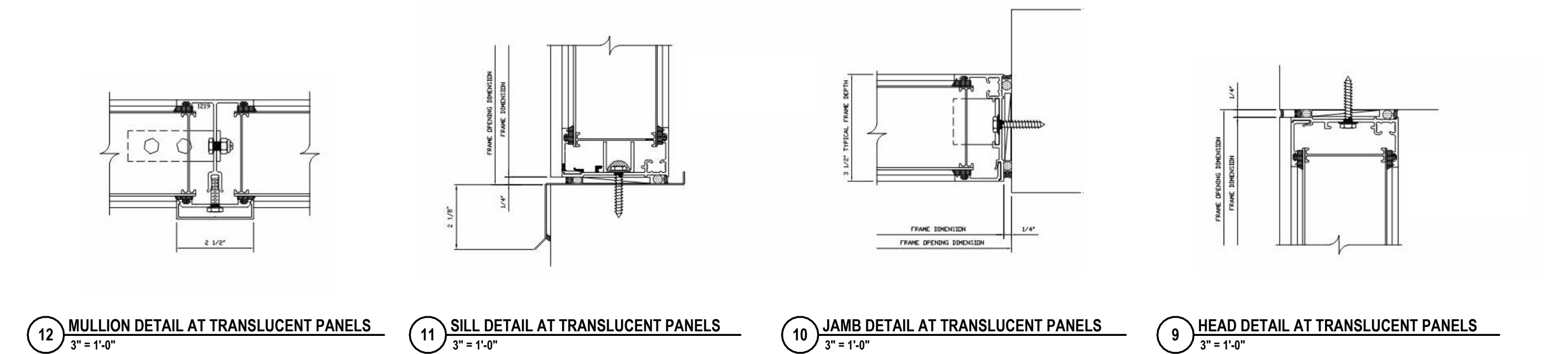


3 ROOF PLAN
1/4" = 1'-0"

DOOR SCHEDULE														
#	DOOR					HWDR SET	TYPE	FRAME		DETAIL			NOTES	
	TYPE	SIZE	THICK.	MATL.	FINISH			MATL.	FINISH	HEAD	JAMB	SILL		
100-1	A	2'-4" x 7'-0"	1 3/4"	HM	PNT	1.0	1	HM	PNT	13/ A3.1	14/ A3.1	15/ A3.1	ALT #1: FRP DOORS AND ALUM. FRAMES.	
101-1	A	3'-0" x 7'-0"	1 3/4"	HM	PNT	2.0	1	HM	PNT	13/ A3.1	14/ A3.1	15/ A3.1	ALT #1: FRP DOORS AND ALUM. FRAMES.	
102-1	A	3'-0" x 7'-0"	1 3/4"	HM	PNT	2.0	1	HM	PNT	13/ A3.1	14/ A3.1	15/ A3.1	ALT #1: FRP DOORS AND ALUM. FRAMES.	
103-1	A	3'-0" x 7'-0"	1 3/4"	HM	PNT	2.0	1	HM	PNT	13/ A3.1	14/ A3.1	15/ A3.1	ALT #1: FRP DOORS AND ALUM. FRAMES.	
104-1	A	3'-0" x 7'-0"	1 3/4"	HM	PNT	2.0	1	HM	PNT	13/ A3.1	14/ A3.1	15/ A3.1	ALT #1: FRP DOORS AND ALUM. FRAMES.	
105-1	A	3'-0" x 7'-0"	1 3/4"	HM	PNT	1.0	1	HM	PNT	13/ A3.1	14/ A3.1	15/ A3.1	ALT #1: FRP DOORS AND ALUM. FRAMES.	
106-1	A	3'-0" x 7'-0"	1 3/4"	HM	PNT	2.0	1	HM	PNT	13/ A3.1	14/ A3.1	15/ A3.1	ALT #1: FRP DOORS AND ALUM. FRAMES.	
107-1	A	3'-0" x 7'-0"	1 3/4"	HM	PNT	2.0	1	HM	PNT	13/ A3.1	14/ A3.1	15/ A3.1	ALT #1: FRP DOORS AND ALUM. FRAMES.	



TRANSLUCENT PANEL WALL SCHEDULE				
MARK	FRAME		GLAZING	NOTES
	MATERIAL	FINISH		
100-A	ALUM	BLACK ANOD.	PER MANUFACTURER - TRANSLUCENT	KINGSPAN UNIGRID SYSTEM OR EQUAL.
100-B	ALUM	BLACK ANOD.	PER MANUFACTURER - TRANSLUCENT	KINGSPAN UNIGRID SYSTEM OR EQUAL.
100-C	ALUM	BLACK ANOD.	PER MANUFACTURER - TRANSLUCENT	KINGSPAN UNIGRID SYSTEM OR EQUAL.
100-D	ALUM	BLACK ANOD.	PER MANUFACTURER - TRANSLUCENT	KINGSPAN UNIGRID SYSTEM OR EQUAL.
100-E	ALUM	BLACK ANOD.	PER MANUFACTURER - TRANSLUCENT	KINGSPAN UNIGRID SYSTEM OR EQUAL.
100-F	ALUM	BLACK ANOD.	PER MANUFACTURER - TRANSLUCENT	KINGSPAN UNIGRID SYSTEM OR EQUAL.



PROJECT NO: 1544-010

A3.1

ELEVATIONS, SECTIONS, SCHEDULES AND DETAILS

HAVANA GLEN PARK - BATHHOUSE

TOWN OF MONTOUR

35 HAVANA GLEN ROAD MONTOUR FALLS, NY 14865

HUNT ENGINEERS | ARCHITECTS | SURVEYORS

HORSEHEADS, NY 607-268-1000 ROQUEBERRY, NY 565-937-7649 TOWNANDA, PA 570-265-4606
BINGHAMTON, NY 607-798-8881 ALBANY, NY 607-798-8801
WWW.HUNTEAS.COM

NY CERTIFICATE NO. 0016920 PA CERTIFICATE NO. TSC2200131464-1

DESCRIPTION OF REVISION:
ISSUED FOR BID

DATE: 1 10/26/2025

DRAWN BY: ECW / DKW
CHECKED BY: MLS
DATE: 10/14/2025
PHASE: CD

IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS
DRAWN BY LICENSED SURVEYOR, ARCHITECT'S SURVEYOR'S SEAL.

Copyright 2025

DRAWN BY:		KMM
CHECKED BY:		ENS
DATE:		10/14/2025
PHASE:		CD
#	DATE:	IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS BEARING A LICENSED ENGINEER, ARCHITECT'S OR SURVEYOR'S SEAL.
1	10/28/2025	
DESCRIPTION OF REVISION:		
ISSUED FOR BID		

HUNT

ENGINEERS | ARCHITECTS | SURVEYORS

HORSEHEADS, NY 607-268-1000
ROCHESTER, NY 585-537-7869
BINGHAMTON, NY 607-798-8881

TONAWANDA, PA 570-265-4668
ALBANY, NY 607-798-8881

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NY CERTIFICATE NO. 0016220 PA CERTIFICATE NO. TSC2220131464-1

FIRST FLOOR NEW WORK PLAN

TOWN OF MONTAUR

HAVANA GLEN PARK BATHHOUSE

35 HAVANA GLEN ROAD MONTAUR FALLS, NY 14865

H1.1

PROJECT NO: 1544-010

GENERAL NOTES - MECHANICAL

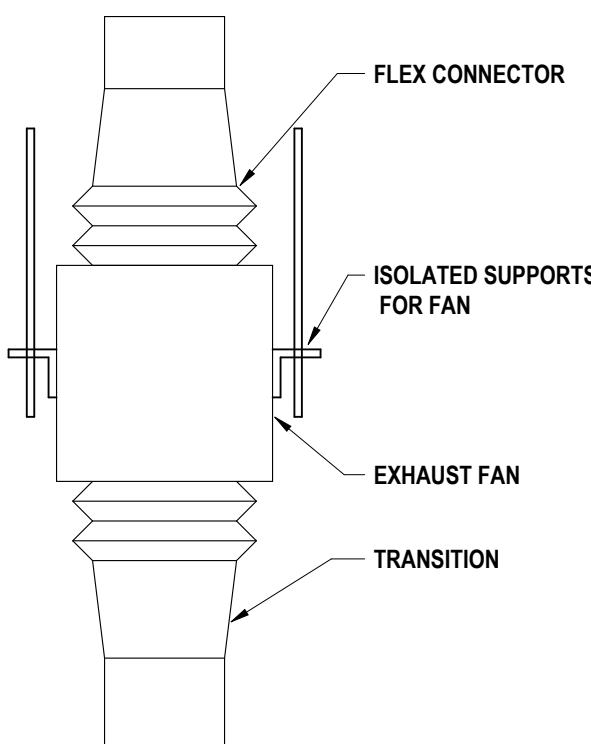
- A ALL EQUIPMENT INTENDED TO BE TURNED OVER TO THE OWNER, SHALL BE BALANCED, FULLY CONTROLLED & FUNCTIONALLY TESTED REGARDLESS OF SUBSTANTIAL COMPLETION DATE.
- B THIS DRAWING IS INTENDED TO SHOW THE GENERAL SCOPE OF ITEMS TO BE REMOVED. IT IS NOT INTENDED TO BE ALL INCLUSIVE. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS TO BE REMOVED. ANY ITEM IN QUESTION SHOULD BE VERIFIED WITH THE ENGINEER PRIOR TO REMOVAL.
- C ALL ITEMS SCHEDULED FOR DEMOLITION ARE THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL PLACE WANTED EQUIPMENT IN AREA DESIGNATED, ON SITE BY THE OWNER. ANY ITEM THE OWNER WISHES NOT TO KEEP SHALL BE DISPOSED OF BY THE CONTRACTOR.
- D THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING UNLESS CLEARLY INDICATED TO BE PART OF ANOTHER PRIME CONTRACT. CONTRACTOR TO PATCH TO MATCH ALL EXISTING FINISHES RESULTING FROM DEMOLITION WORK UNLESS INDICATED TO BE PART OF ANOTHER PRIME CONTRACT.
- E THE CONTRACTOR SHALL REMOVE, PROTECT, REPLACE AND/OR REINSTALL ANY CEILING OR GRID DAMAGED OR REMOVED AS A RESULT OF EXECUTION OF CONTRACT SCOPE. UNLESS INDICATED TO BE PART OF ANOTHER PRIME CONTRACT.
- F COORDINATE ALL NEW ROOF, WALL, AND FLOOR PENETRATIONS WITH OTHER TRADES.
- G PRIOR TO CONSTRUCTION AND INSTALLATION OF NEW WORK, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS (FRAMING, ELECTRICAL, PLUMBING, HVAC, ETC.). NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS THAT REQUIRE MODIFICATION TO NEW HVAC SYSTEM INSTALLATION.

FAN SCHEDULE										
FAN #	CFM	MANUFACTURER/MODEL	RPM	ELECTRICAL			dBA	SP (")	DRIVE	REMARKS & NOTES
				HP	VOLTS	PHASE				
EF-1	700	COOK / SQN-D VF	2800	1/3	230	1	57	0.6	EC MOTOR	1, 2, 3, 4

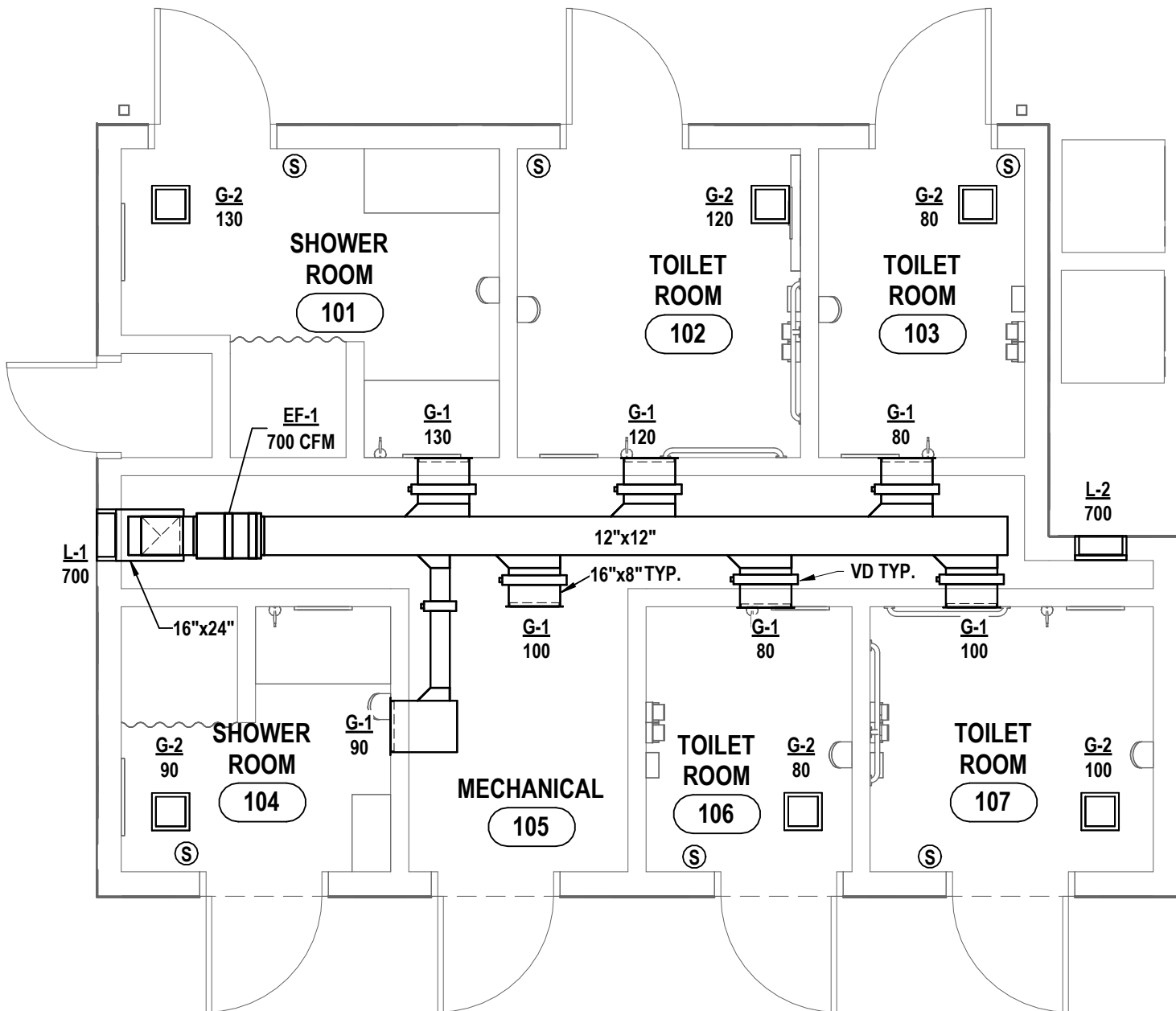
- NOTES: 1. PROVIDE FACTORY WIRED DISCONNECT.
2. PROVIDE FAN MOUNTED SPEED CONTROL.
3. START/STOP BY OCCUPANCY SENSOR. REFER TO E-DWGS FOR CONTROLS.
4. PROVIDE BACKDRAFT DAMPER.

DIFFUSER, GRILLES AND LOUVERS SCHEDULE								
UNIT #	FUNCTION	MFG / MODEL	FACE SIZE (W X H)	CFM	MAX SP	MAX N.C.	BORDER	REMARKS
G-1	EXHAUST	PRICE / 535	16" X 8"	VARIES	0.05	20	SURFACE MOUNTED	
G-2	SUPPLY	PRICE / 65	10" X 10"	VARIES	0.05	20	SURFACE MOUNTED	
L-1	EXHAUST	POTTORFF / EFJ-430	16" X 24"	700	0.03	20		1
L-2	SUPPLY	POTTORFF / EFJ-430	16" X 24"	700	0.03	20	-	1

- NOTES: 1. COORDINATE BORDER TYPE WITH OTHER TRADES.



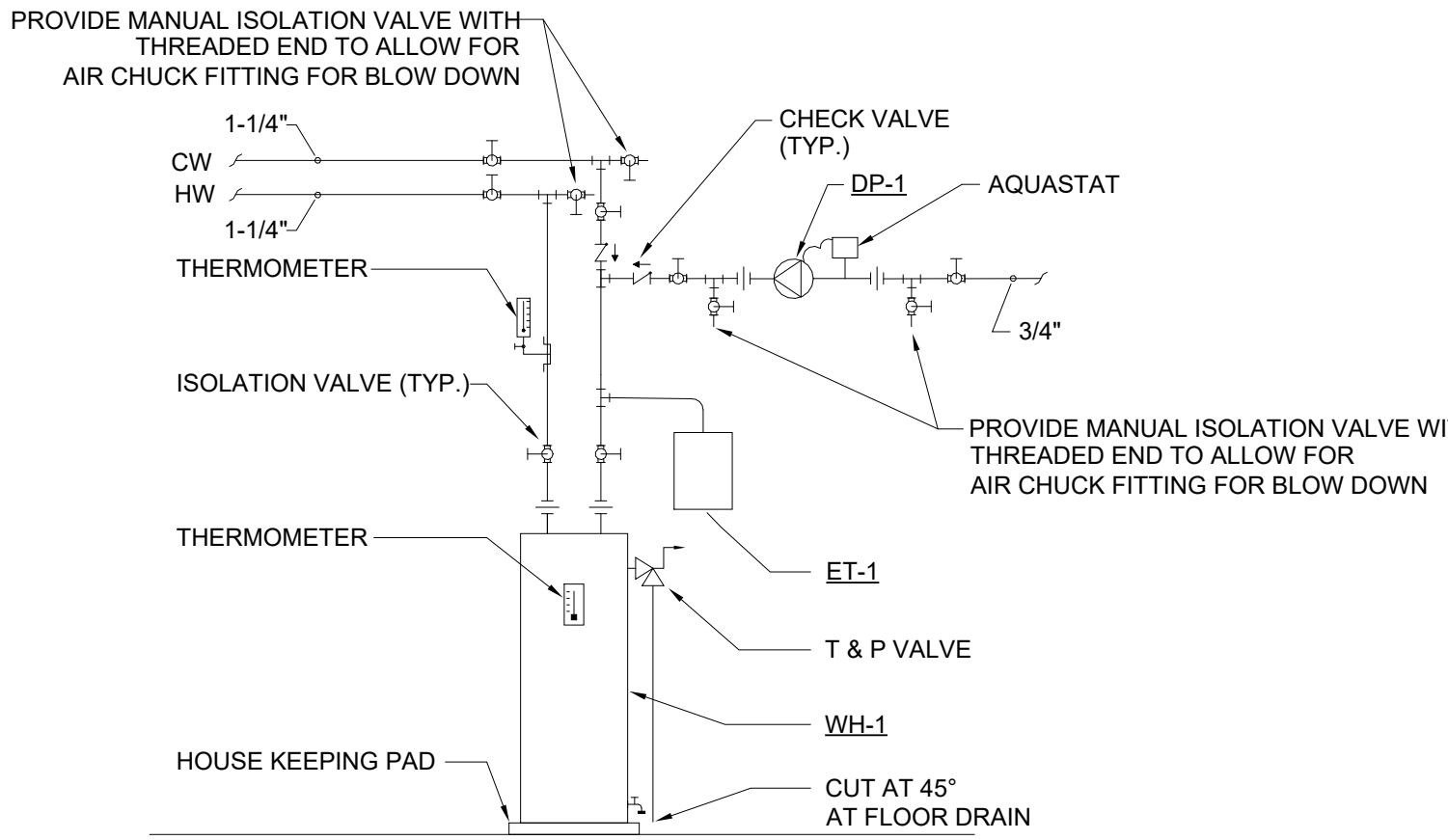
2 INLINE FAN DETAIL
N. T. S.



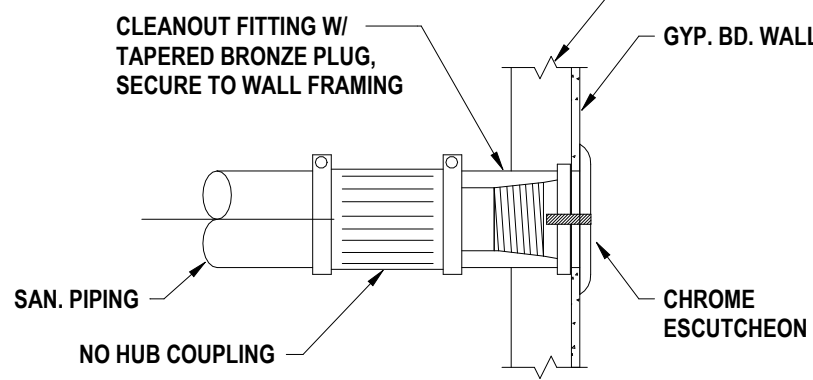
1 FIRST FLOOR NEW WORK PLAN - AREA A
1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE				
NO.	TYPE	MFG./MODEL	TRIM	REMARKS
WC-1	WATER CLOSET, WALL MOUNT, ADA COMPLIANT, COLOR: WHITE	AMERICAN STANDARD 2257.101, 1.28 GPF 1-1/2 INCH TOP SPUD	FLUSH VALVE: SENSORED (ELECTRIC) SLOAN ROYAL OPTIMA 111-1.28 ESS - TMO, 1.28 GPF, WITH TRUE MECHANICAL OVERRIDE FLUSH BUTTON	ELONGATED BOWL. PROVIDE ELONGATED SEAT SIMILAR TO BENEKE 527-SS, FLOOR MOUNTED CARRIER. SEE 'A' DRAWINGS FOR MOUNTING HEIGHT. NOTE A.
WC-2	WATER CLOSET, WALL MOUNT, COLOR: WHITE	AMERICAN STANDARD 2257.101, 1.28 GPF 1-1/2 INCH TOP SPUD	FLUSH VALVE: SENSORED (ELECTRIC) SLOAN ROYAL OPTIMA 111-1.28 ESS - TMO, 1.28 GPF, WITH TRUE MECHANICAL OVERRIDE FLUSH BUTTON	ELONGATED BOWL. PROVIDE ELONGATED SEAT SIMILAR TO BENEKE 527-SS, FLOOR MOUNTED CARRIER. SEE 'A' DRAWINGS FOR MOUNTING HEIGHT. NOTE A.
LAV-1	LAVATORY, WALL MOUNT, ADA COMPLIANT, COLOR: WHITE	AMERICAN STANDARD 0355.012 (3 HOLES ON 2" CENTERS)	FAUCET: SENSORED (ELECTRIC) CHICAGO 116.101 AB.1, 0.50 GPM	PROVIDE INFRARED FAUCET WITH 4 INCH COVER PLATE SIMILAR TO CHICAGO FAUCET MODEL 240.627.21.1, OFFSET GRID DRAIN, P-TRAP, LEAD FREE SUPPLIES, LEAD FREE STOPS, ESCUTCHEON PLATES AND PIPE COVERS. SEE 'A' DRAWINGS FOR MOUNTING HEIGHT. NOTE A, B, C.
LAV-2	LAVATORY, WALL MOUNT, COLOR: WHITE	AMERICAN STANDARD 0355.012 (3 HOLES ON 2" CENTERS)	FAUCET: SENSORED (ELECTRIC) CHICAGO 116.101 AB.1, 0.50 GPM	PROVIDE INFRARED FAUCET WITH 4 INCH COVER PLATE SIMILAR TO CHICAGO FAUCET MODEL 240.627.21.1, OFFSET GRID DRAIN, P-TRAP, LEAD FREE SUPPLIES, LEAD FREE STOPS, ESCUTCHEON PLATES AND PIPE COVERS. SEE 'A' DRAWINGS FOR MOUNTING HEIGHT. NOTE A, B, C.
SK-1	SINK, SINGLE, ADA COMPLIANT, 4-1/2" DEEP, COUNTERTOP MOUNT	AMERICAN STANDARD 0643001 (SINGLE HOLE)	FAUCET: SENSORED (ELECTRIC) SLOAN ETF 700-S - BOT, 2.20 GPM, (THERMOSTATIC VALVE), STRAINER: JUST J-35	PROVIDE INFRARED FAUCET, OFFSET GRID DRAIN, P-TRAP, LEAD FREE SUPPLIES, LEAD FREE STOPS & ESCUTCHEON PLATES. NOTE A, B.
SH-1	SHOWER, ADA COMPLIANT, SURFACE WALL MOUNT, (VALVE RIGHT, SEAT LEFT)	BRADLEY HN250-BF-TMV-VR, 1.50 GPM		PROVIDE SHOWER WITH STAINLESS STEEL WALL PANEL WITH RECESSED SOAP DISH, WALL SHOWERHEAD AND HAND HELD SHOWER SPRAY ASSEMBLY, DIVERTER VALVE, THERMOSTATIC MIXING VALVE, GRAB BAR, PHENOLIC SEAT, CURTAIN, ROD AND HANGERS.
SH-2	SHOWER, INDIVIDUAL, SURFACE WALL MOUNT	BRADLEY WS-1WCA-TMV, 1.50 GPM		PROVIDE SHOWER WITH STAINLESS STEEL WALL PANEL WITH SOAP DISH, SHOWERHEAD, THERMOSTATIC MIXING VALVE, CURTAIN, ROD AND HANGERS.
EWC-1	ELECTRIC WATER COOLER, TWO STATION WITH SINGLE STATION BOTTLE FILLER, ADA COMPLIANT, WALL MOUNT	ELKAY L251LWLSLK (WITH FILTER) (BOTTLE FILLER ON LOWER UNIT)		PROVIDE LEAD FREE DESIGN, STAINLESS STEEL PANELS WITH FLEXI-GUARD BUBBLER, DIELECTRIC COUPLING, PLASTIC P-TRAP, LEAD FREE SUPPLY, LEAD FREE STOP, CANE APRON FOR UPPER UNIT SIMILAR TO ELKAY MODEL LKAPREZL. SEE 'A' DRAWINGS FOR MOUNTING HEIGHT. NOTE A, I.
MS-1	MOP SINK, CORNER	TCOR ENGINEERING TNCN-24-SH-SSC	FAUCET: CHICAGO 835-RCF (EXPOSED FITTINGS, CEILING SUPPLY)	PROVIDE MOP HOLDER AND HOSE BRACKET.
HB-1	HOSE BIBB, EXTERIOR WALL MOUNT	WOODFORD 19		FREEZELESS INTEGRAL ANTI-SIPHON FEATURE.
WH-1	WATER HEATER, ELECTRIC	STATE WATER HEATERS CSB-120-36 IFE		27KW, 119 GAL. ELECTRIC, ASME LABELED, IMMERSION THERMOSTAT. NOTE A.
PT-1	PRESSURE TANK	BELL & GOSSETT WTA-402		25 GALLON ACTUAL TANK VOLUME, TANK FILL PRESSURE 45 PSI, ASME LABELED.
DP-1	DOMESTIC PUMP, HOT WATER RECIRCULATION	ARMSTRONG ASTRO 230, BRONZE		PROVIDE LEAD FREE DESIGN, LINE VOLTAGE AQUASTAT, COORDINATE WIRING OF PUMP THROUGH LINE VOLTAGE AQUASTAT WITH ELECTRICAL CONTRACTOR. NOTE A.
FD-1	FLOOR DRAIN, WITH TRAP SEAL	ZURN Z14N15	FLUSH WITH FLOOR	PROVIDE NICKEL BRONZE STRAINER. REFER TO PLAN FOR PIPE SIZE, NOTE D.
CO-1	CLEANOUT, FLOOR	ZURN Z1400	ADJUSTABLE TOP	PROVIDE POLISHED BRONZE TOP REFER TO PLAN FOR PIPE SIZE. NOTE D.
CO-2	CLEANOUT, INLINE	ZURN Z1449		REFER TO PLAN FOR PIPE SIZE.
WCO-1	WALL CLEANOUT	ZURN Z1446		PROVIDE ACCESS COVER.
ET-1	EXPANSION TANK	BELL & GOSSETT PT-12		57 PSI FILL PRESSURE, 90 PSI MAX PRESSURE, 3.2 GALLON ACCEPTANCE VOLUME.

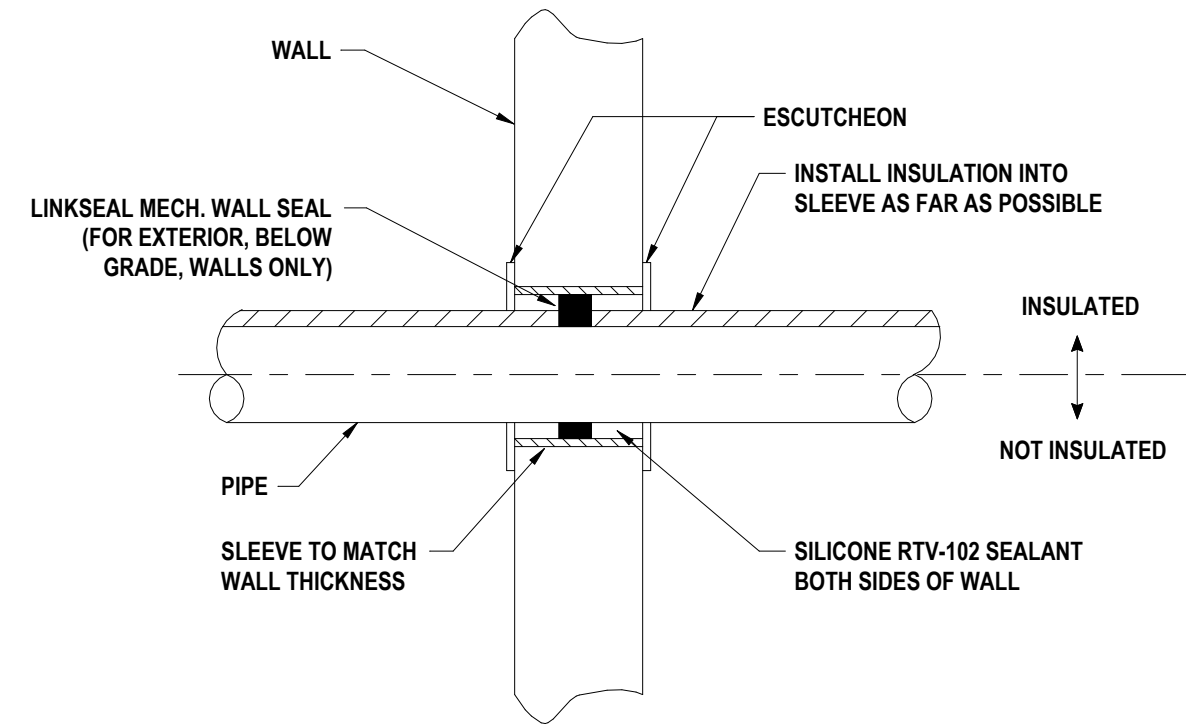
- NOTES:
- A. REFER TO PLUMBING FIXTURE ELECTRICAL REQUIREMENTS SCHEDULE.
- B. PROVIDE LOW LEAD CONTENT THERMOSTATIC MIXING VALVE SIMILAR TO CHICAGO FAUCET MODEL 122-ABNF (SERVES MAXIMUM 8 FAUCETS).
- C. PROVIDE CONCEALED ARM FIXTURE SUPPORT FOR NEW LAVATORY WITH UPRIGHT WELDED FEET AND ADJUSTABLE HEADERS, INSTALLED WITHIN WALL / CHASE.
- D. VERIFY LOCATION OF FLOOR DRAIN / FLOOR SINK / FLOOR CLEANOUT APPLY CORRECT APPLICATION, RECESSED FOR TILE, RECESSED FOR TERRAZZO.
- E. PROVIDE TRAP PRIMER VALVE SIMILAR TO PRECISION PLUMBING PRODUCT MODEL P FOR FLOOR DRAIN AND FLOOR SINK AND CONNECT VALVE TO NEAREST ACCESSIBLE COLD WATER PIPING. VALVE MUST BE INSTALLED A MINIMUM OF 12 INCHES ABOVE FINISHED FLOOR. PROVIDE PIPING FROM VALVE TO FLOOR DRAIN / FLOOR SINK PER VALVE MANUFACTURERS INSTALLATION INSTRUCTIONS.
- F. PROVIDE NATURAL GAS SOLENOID VALVE, SV-1. ELECTRICAL CONTRACTOR TO WIRE.
- G. PROVIDE NEUTRALIZATION TANK BELOW SINK SIMILAR TO IPX MODEL NEUTRATANK 5 GALLON RECTANGULAR TANK WITH LIMESTONES.
- H. PROVIDE SOLIDS INTERCEPTOR SIMILAR TO J.R. SMITH 8730 WITH 1-1/2" CONNECTION SUSPENDED BENEATH ART ROOM SINK.
- I. PROVIDE ONE PACKAGE OF 3-PACK REPLACEMENT FILTERS SIMILAR TO ELKAY MODEL 51300C_3PK (THREE) TO OWNER FOR FUTURE USE.
- J. PLUMBING CONTRACTOR TO EXCAVATE AND PREPARE AREA, MIX AND APPLY FORM RELEASE PRODUCT, ASSEMBLE RAILS, LEGS, FORMS, CLAMPS AND PLACE COMPLETED TRENCH COMPONENTS AT REQUIRED LOCATIONS. PLUMBING CONTRACTOR TO PROVIDE CONCRETE ANCHORING SLAB WALL TO WALL AND END TO END IN BOTTOM OF EXCAVATION COVERING TRENCH DRAIN U-LEGS WITH MINIMUM OF 2 INCHES OF CONCRETE. COORDINATE FINISHED FLOOR CONCRETE POUR. PLUMBING CONTRACTOR TO REMOVE ALL FORM MATERIAL FROM TRENCH DRAINS AFTER FINISHED FLOOR CONCRETE HAS DRIED AND INSTALL ALL GRATES. ALL TRENCH DRAIN WORK SHALL BE INSTALLED PER TRENCH DRAIN MANUFACTURERS INSTALLATION INSTRUCTIONS.



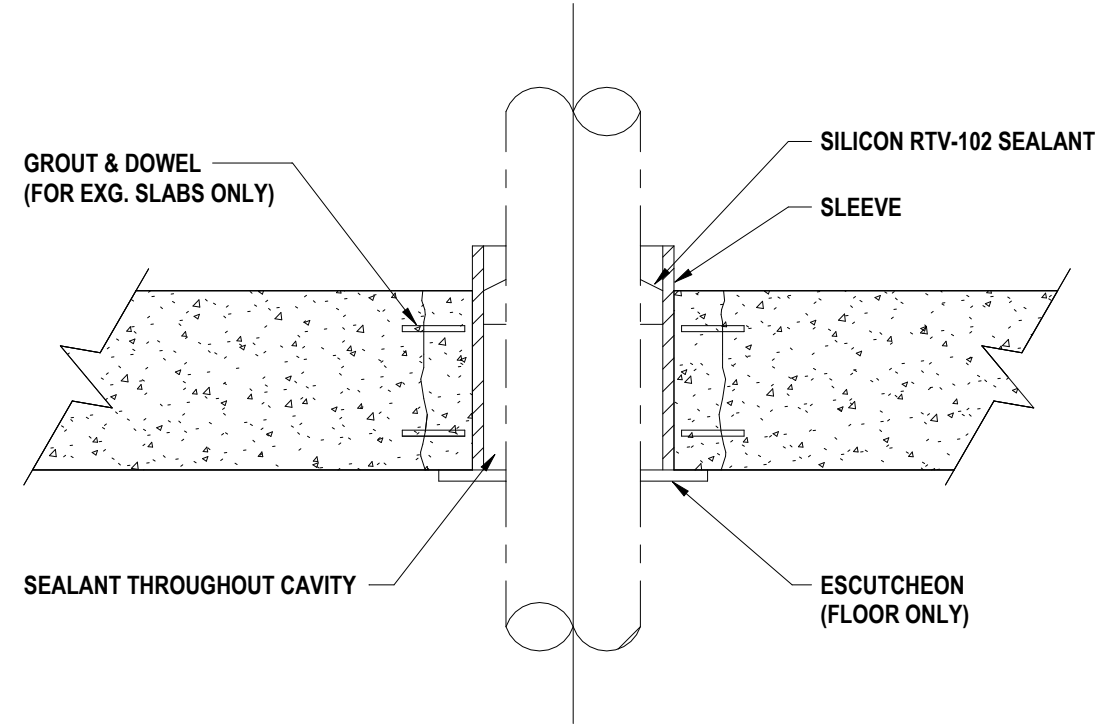
9 SINGLE WATER HEATER SCHEMATIC
N.T.S.



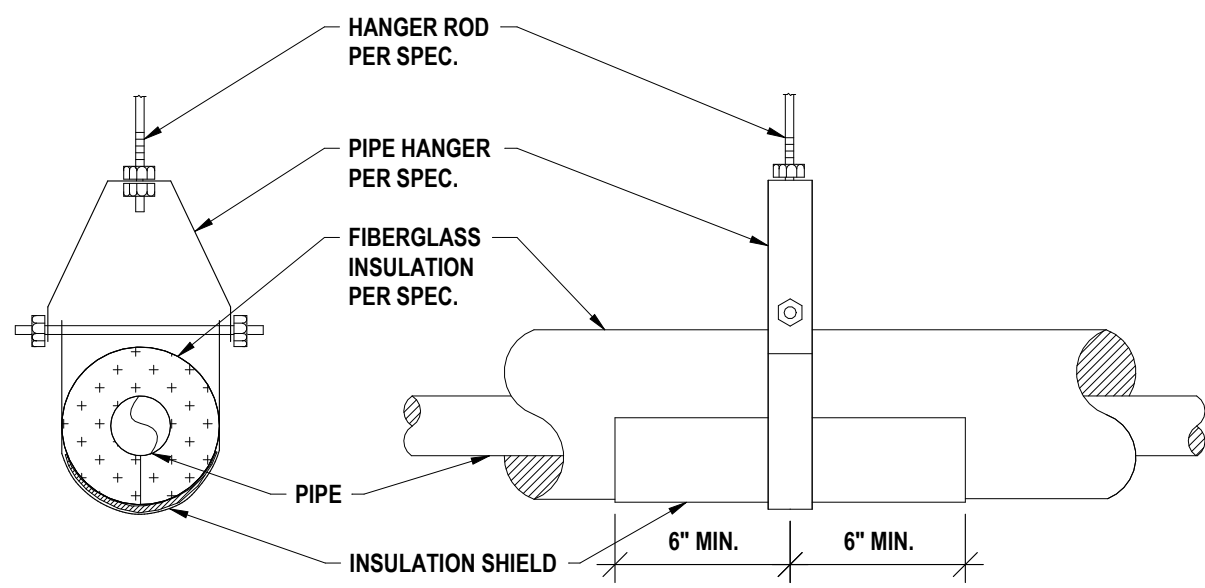
8 TYPICAL WALL CLEANOUT DETAIL
N.T.S.



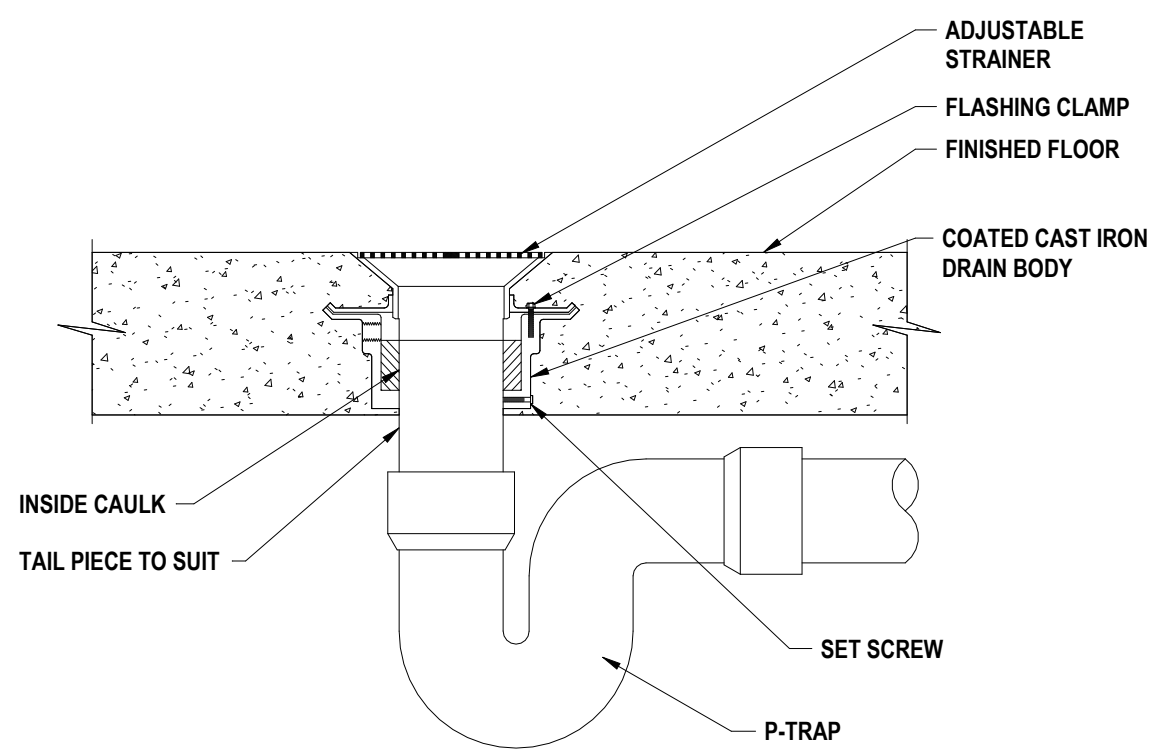
7 TYPICAL PIPE THRU WALL DETAIL
N.T.S.



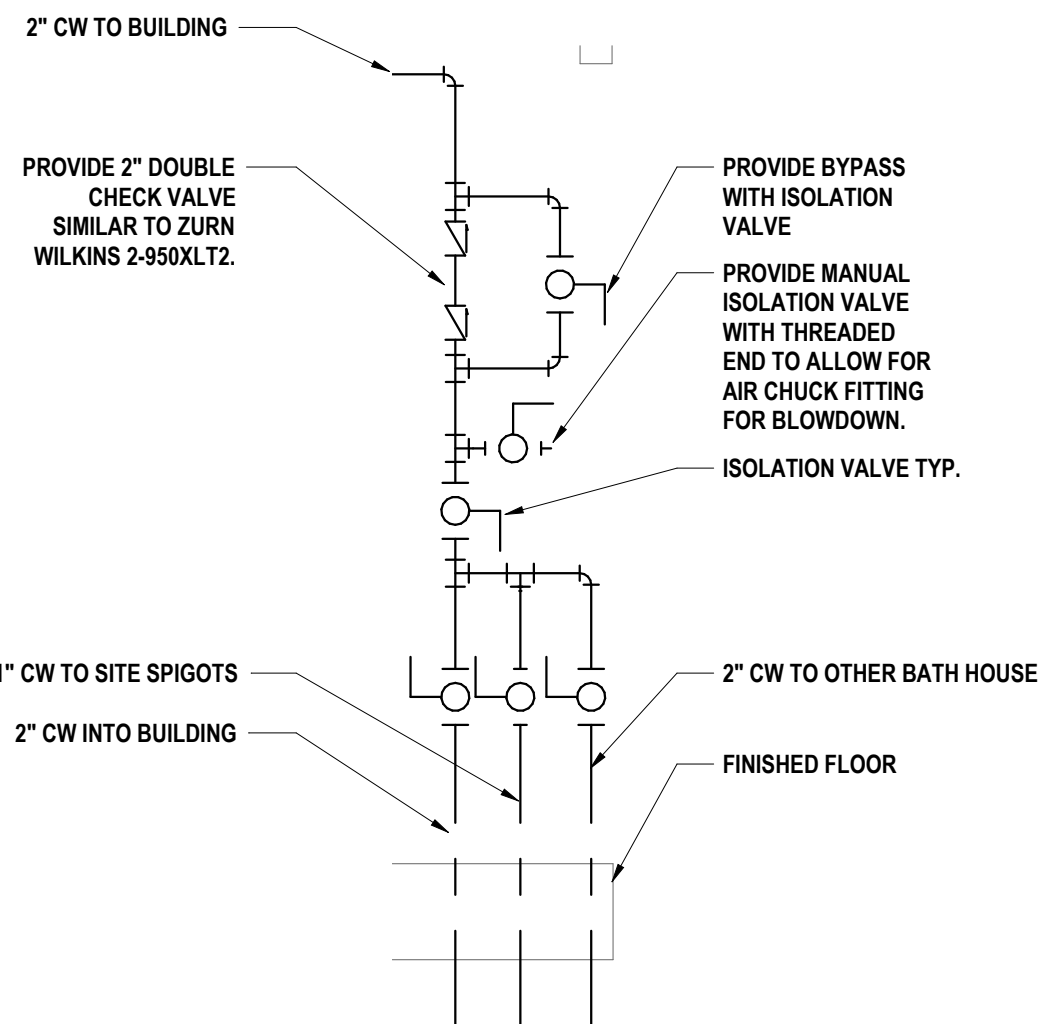
6 TYPICAL PIPE THROUGH FLOOR/SLAB DETAIL
N.T.S.



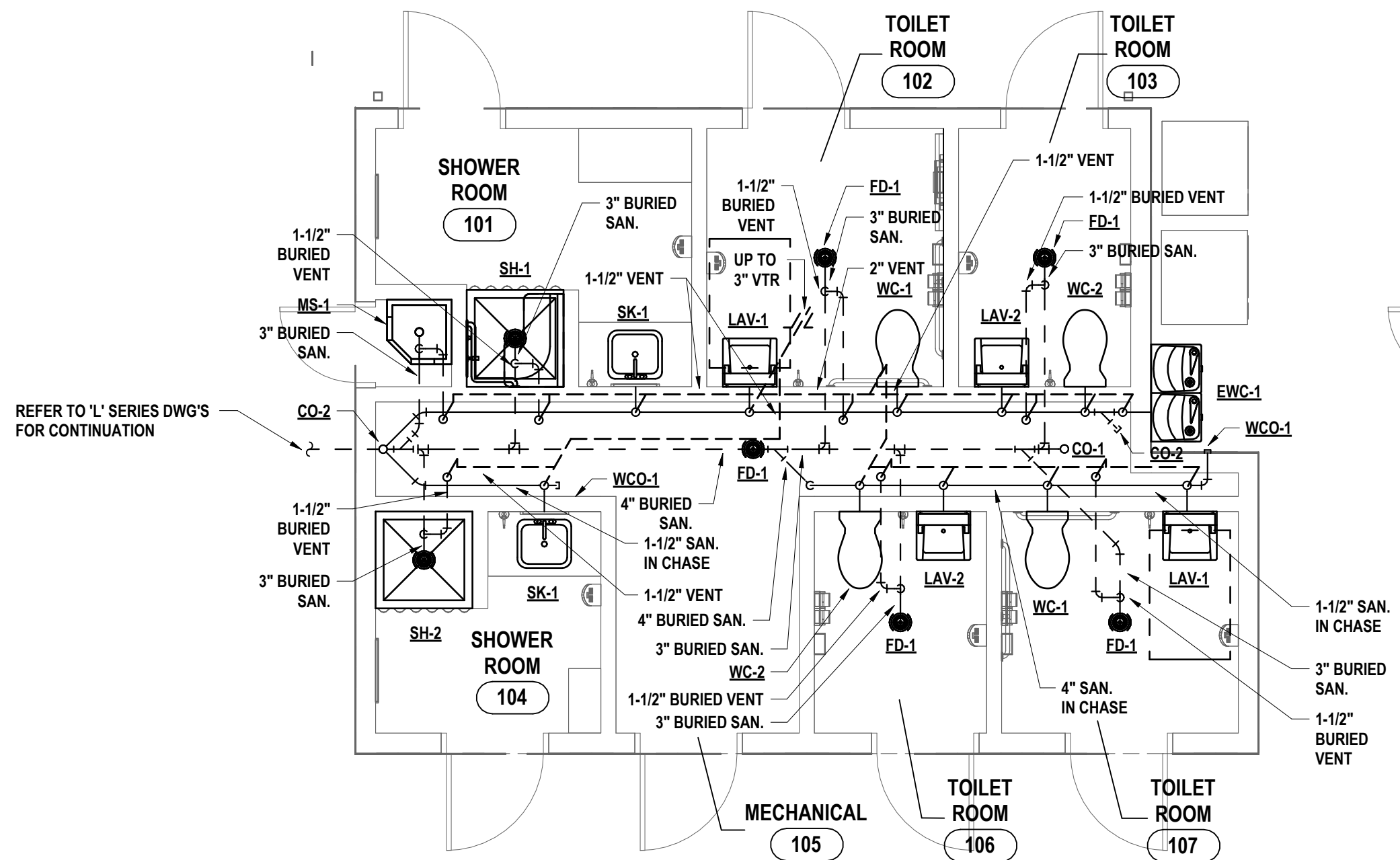
5 TYPICAL PIPE HANGER & SHIELD DETAIL
N.T.S.



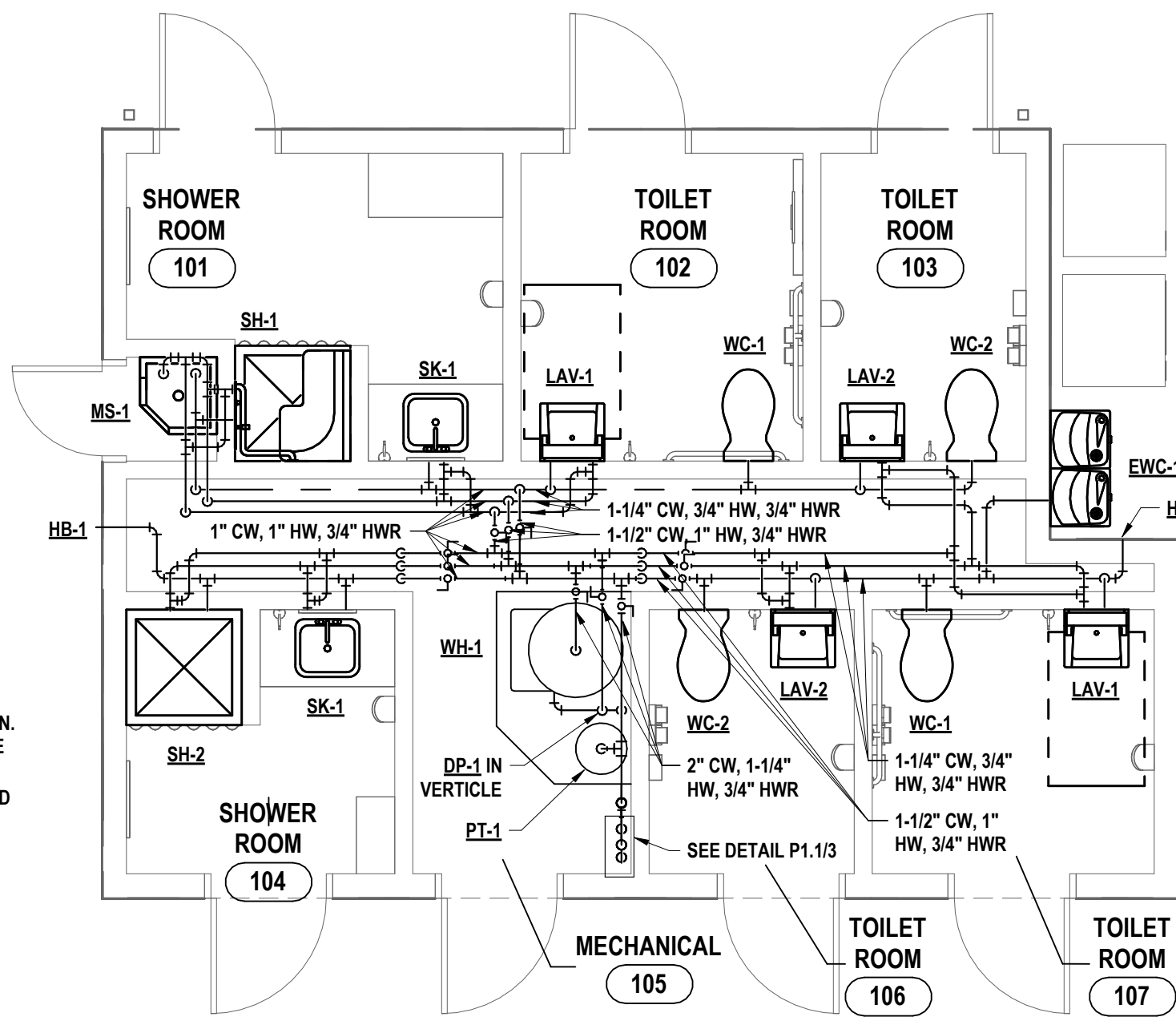
4 FLOOR DRAIN DETAIL
N.T.S.



3 WATER SUPPLY MANIFOLD
N. T. S.



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



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

PLUMBING FIXTURE ELECTRICAL REQUIREMENTS SCHEDULE

NO.	TYPE	ELECTRICAL COMPONENT	VOLTS	PHASE	FULL LOAD AMPS	MINIMUM CIRCUIT AMPACITY	MAXIMUM OVER-CURRENT PROTECTION	POWER	RPM	GPM	HEAD FEET	REMARKS
WC-1, WC-2	WATER CLOSET, ADA, WALL MOUNT WATER CLOSET, WALL MOUNT	FLUSHOMETER TRANSFORMER	120 OR 240	SINGLE	50 VA	NA	NA	NA	NA	NA	NA	NOTE A, D.
LAV-1, LAV-2	LAVATORY, ADA, WALL MOUNT LAVATORY, WALL MOUNT	FAUCET TRANSFORMER	120	SINGLE	2.0	300 MA	NA	NA	NA	NA	NA	NOTE B, D.
SK-1	SINK, ADA, COUNTERTOP MOUNT	FAUCET TRANSFORMER	120	SINGLE	2.0	300 MA	NA	NA	NA	NA	NA	NOTE B, D.
WH-1	WATER HEATER, ELECTRIC	OPERATING SYSTEM	240	SINGLE	112.5	NA	150	NA	NA	NA	NA	NOTE D.
DP-1	DOMESTIC PUMP, HOT WATER RECIRCULATION	OPERATING SYSTEM	115	SINGLE	0.7	NA	NA	1/25 HP	2800	5	10	NOTE C, D, F.
EWC-1	ELECTRIC WATER COOLER, TWO STATION, ADA, WALL MOUNT	OPERATING SYSTEM	115	SINGLE	4.0	NA	NA	370 WATTS	NA	NA	NA	NOTE D, E.

- NOTES:
- A. PROVIDE PER MANUFACTURE, SOLENOID OPERATOR - 24V AC, 60 HZ, TRANSFORMER - SIMILAR TO SLOAN VALVE MODEL EL-154 (120 V). (ONE TRANSFORMER SERVES MAXIMUM 10 WATER CLOSETS/URINALS). TRANSFORMER INSTALLATION AND POWER BY ELECTRICAL CONTRACTOR.
- B. PROVIDE TRANSFORMER - SIMILAR TO CHICAGO FAUCET MODEL 243.260.00.1 (HARD WIRED). (ONE TRANSFORMER SERVES MAXIMUM OF 8 FAUCETS). TRANSFORMER INSTALLATION AND POWER BY ELECTRICAL CONTRACTOR. LOW VOLTAGE CONTROL WIRING BY PLUMBING CONTRACTOR.
- C. COORDINATE WIRING OF PUMP THRU AQUASTAT WITH ELECTRICAL CONTRACTOR.
- D. COORDINATE POWER WITH ELECTRICAL CONTRACTOR.
- E. ELECTRICAL CONTRACTOR TO PROVIDE RECEPTACLE. COORDINATE LOCATION WITH ELECTRICAL CONTRACTOR.
- F. FURNISHING AND WIRING OF DISCONNECT BY ELECTRICAL CONTRACTOR.

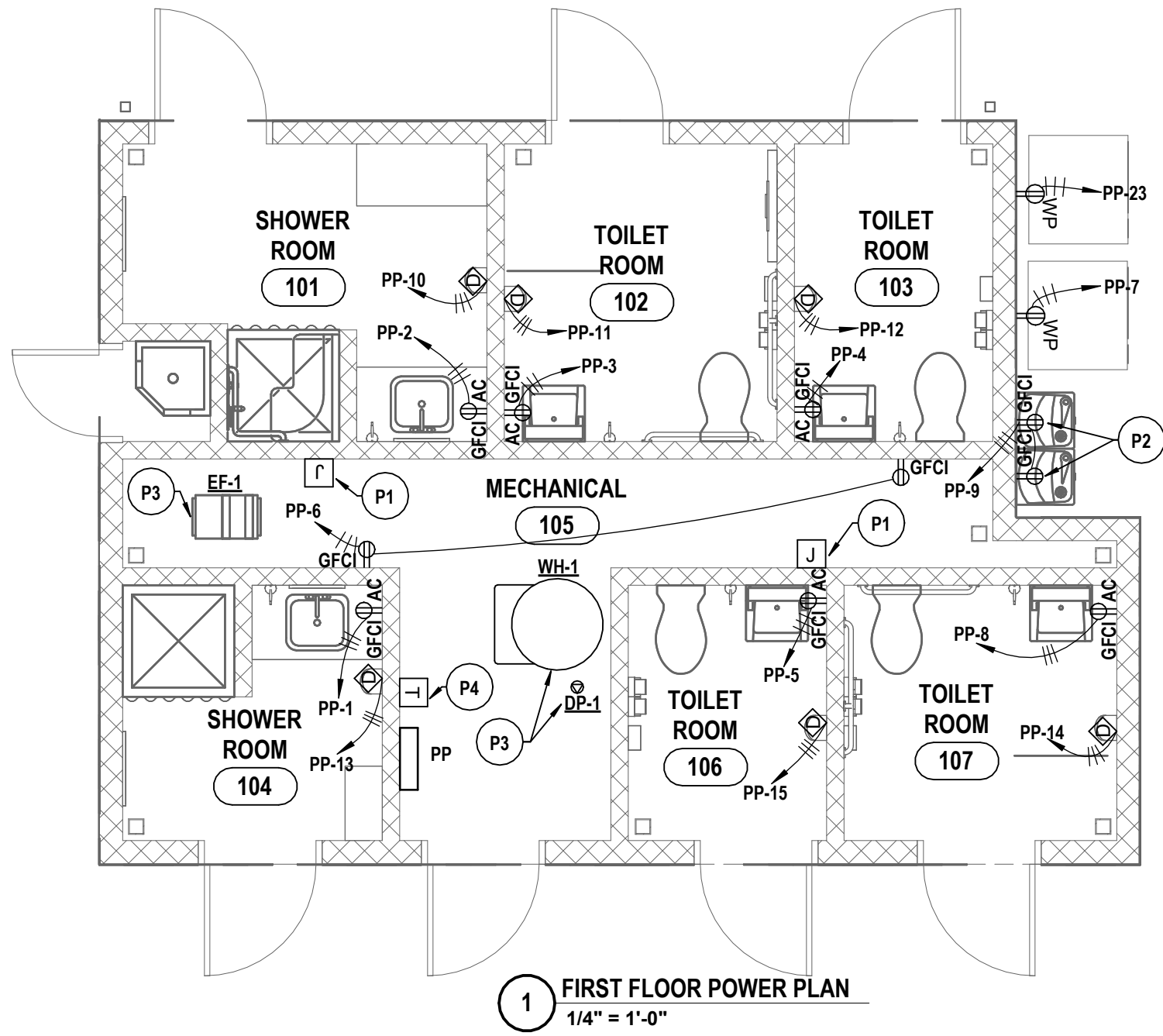
FIXTURE PIPE SIZES SCHEDULE

	COLD WATER	HOT WATER	SANITARY	VENT
WC	1"		4"	2"
UR	3/4"		2"	1-1/2"
LAV	3/4"	3/4"	1-1/2"	1-1/2"
SK	3/4"	3/4"	1-1/2"	1-1/2"
SH	3/4"	3/4"	3"	2"
EWC	3/4"		1-1/2"	1-1/2"
MS	3/4"	3/4"	3"	2"
HB	3/4"			

- NOTES:
- A. IF FIXTURE NUMBER IS NOT SPECIFICALLY STATED, PIPE SIZES PERTAIN TO ALL LISTINGS OF FIXTURE TYPE.

GENERAL NOTES - PLUMBING

- A. ALL WORK ON THIS DRAWING IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR UNLESS CLEARLY INDICATED TO BE PART OF ANOTHER CONTRACT.
- B. THESE DRAWINGS ARE INTENDED TO SHOW THE GENERAL SCOPE OF ITEMS TO BE REMOVED. IT IS NOT INTENDED TO BE ALL INCLUSIVE. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS TO BE REMOVED. ANY ITEM IN QUESTION SHOULD BE VERIFIED WITH ENGINEER PRIOR TO REMOVAL.
- C. ALL ITEMS SCHEDULED FOR DEMOLITION ARE THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL PLACE WANTED EQUIPMENT IN AREA DESIGNATED ON SITE BY OWNER. ANY ITEM THE OWNER WISHES NOT TO KEEP SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- D. THE CONTRACTOR SHALL REMOVE, PROTECT, REPLACE AND/OR REINSTALL ANY CEILING OR GRID DAMAGED OR REMOVED AS A RESULT OF EXECUTION OF CONTRACT SCOPE. UNLESS OTHERWISE INDICATED TO BE PART OF ANOTHER PRIME CONTRACT.
- E. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS (FRAMING, ELECTRICAL, PLUMBING, HVAC, ETC) PRIOR TO CONSTRUCTION AND INSTALLATION OF NEW WORK. NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS THAT REQUIRE MODIFICATION TO NEW PLUMBING SYSTEM INSTALLATION.
- F. THE CONTRACTOR IS TO REINSULATE ALL PORTIONS OF EXISTING PLUMBING SYSTEM DISTURBED DURING EXECUTION OF CONTRACT SCOPE.
- G. THE PLUMBING CONTRACTOR WILL BE RESPONSIBLE FOR ALL NEW FLOOR OPENINGS, EXCAVATIONS OF EXISTING SUBSTRATES AND WALL PENETRATIONS TO INSTALL NEW PIPING. UNLESS OTHERWISE NOTED, ALL PIPE PENETRATIONS THROUGH WALLS AND FLOORS WILL BE SEALED WITH FIRE-STOPPING.
- H. UNLESS NOTED OTHERWISE THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL PIPING WITHIN 5 FEET FROM BUILDING. COORDINATE CONNECTIONS.
- I. THE PLUMBING CONTRACTOR WILL BE RESPONSIBLE FOR PATCHING AND SEALING OF ALL DISTURBED SUBSTRATE, WALLS AND CEILING TO EXISTING FINISHES UNLESS OTHERWISE NOTED.
- J. THE PLUMBING CONTRACTOR TO COORDINATE ALL NEW ROOF, WALL & FLOOR PENETRATIONS.
- K. INVERT DIMENSION IS TO BOTTOM OF PIPE.
- L. ALL PIPING TO BE ROUTED AS HIGH AND AS TIGHT TO STEEL STRUCTURE AS POSSIBLE.
- M. THE CONTRACTOR WILL BE RESPONSIBLE FOR FINAL CONNECTION OF PLUMBING UTILITIES TO ALL EQUIPMENT REQUIRING SAID UTILITIES, INCLUDING THOSE PROVIDED BY OTHERS. COORDINATE AS REQUIRED.
- N. THE CONTRACTOR IS TO PROVIDE ADA COMPLIANT VINYL PIPE COVER ON EXPOSED COLD WATER, HOT WATER AND SANITARY PIPING BELOW ADA LAVATORY/SINK. SANITARY PIPE COVER SHALL BE INSTALLED UP TO BOTTOM OF FIXTURE.
- O. REFER TO ARCH DRAWINGS FOR INDICATION OF ADA FIXTURES & ACCESSORIES, & ASSOCIATED MOUNTING HEIGHTS.
- P. ALL DOMESTIC PIPING SHALL BE SLOPED 1/8" PER 1' TO ALL FIXTURES FOR WINTERIZATION PURPOSES.



GENERAL NOTES - ELECTRICAL

- A CONTRACTOR IS RESPONSIBLE FOR ALL WORK ON THIS DRAWING UNLESS CLEARLY INDICATED TO BE PART OF ANOTHER PRIME CONTRACT.
- B CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND INSTALLATION AND NOTIFY ENGINEER/ARCHITECT OF CONFLICTS AND CONDITIONS WHICH INTERFERE WITH INSTALLATION AS SET FORTH IN CONTRACT DOCUMENTS.
- C CONTRACTOR IS RESPONSIBLE FOR ALL NEW WALL OPENINGS, EXCAVATIONS, AND PENETRATIONS, UNLESS SPECIFICALLY NOTED. UPON COMPLETION, ALL PENETRATIONS TO BE SEALED TO MAINTAIN FIRE RATING AS SPECIFIED ON ARCHITECTURAL DRAWINGS.
- D CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING UNLESS CLEARLY INDICATED AS PART OF ANOTHER PRIME CONTRACT.
- E MINIMUM CONDUIT SIZE USED ON THIS PROJECT SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- F MINIMUM WIRE SIZE USED ON THIS PROJECT SHALL BE #12 THHN/THWN UNLESS OTHERWISE NOTED.
- G ALL CABLING INSTALLATIONS AND TERMINATIONS TO ADHERE TO CURRENT NEC CODES AND RELATED ANS/ITIA/EIA STANDARDS.
- H DURING DEMOLITION OF EXISTING CABLING, ANY DAMAGE TO FUNCTIONING CABLING SYSTEM IS THE RESPONSIBILITY OF AND WILL BE REPAIRED BY THE CONTRACTOR.
- I CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF EXISTING ASBESTOS CONTAINING MATERIAL SCHEDULED TO REMAIN IN PLACE WITHIN THE PROJECT SCOPE. ANY WORK REQUIRED THAT HAS THE POTENTIAL TO DISTURB HAZARDOUS MATERIALS SHALL BE COORDINATED DIRECTLY WITH THE OWNER.
- J ALL ELECTRICAL DEVICES, MATERIALS, AND PACKAGED EQUIPMENT SHALL BE LISTED AND LABELED BY UNDERWRITERS LABORATORIES INC. (UL).
- K NEW CIRCUIT BREAKER(S) THAT ARE TO BE ADDED TO EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S).
- L THE SHORT-CIRCUIT RATINGS OF ALL PROTECTIVE DEVICES SHALL BE EQUAL TO OR EXCEED THE AVAILABLE SHORT-CIRCUIT CURRENT.
- M ALL WORK TO CONFORM TO CURRENT NEC AND ALL APPLICABLE CODES.
- N CONTRACTOR TO NOTIFY ELECTRICAL ENGINEER FOR INSPECTION OF ALL INSTALLATIONS BEFORE BEING BURIED OR COVERED.
- O ALL ELECTRICAL DEVICES AND EQUIPMENT SCHEDULED FOR REMOVAL ARE CONSIDERED PROPERTY OF THE OWNER. ELECTRICAL DEVICES AND EQUIPMENT SHALL BE PLACED IN AN AREA DESIGNATED BY THE OWNER. ANY DEVICE OR EQUIPMENT THE OWNER WISHES NOT TO KEEP SHALL BE DISPOSED OF BY THE CONTRACTOR.
- P CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING POWER TO ANY EQUIPMENT SCHEDULED TO BE REMOVED OR REPLACED. COORDINATE WORK WITH OTHER PRIME CONTRACTORS AND DRAWINGS.
- Q CONTRACTOR IS RESPONSIBLE FOR PROVIDING POWER TO ANY EQUIPMENT SCHEDULED TO BE NEWLY INSTALLED. COORDINATE WORK WITH OTHER PRIME CONTRACTORS AND DRAWINGS.
- R CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONDUIT LOCATIONS IN FIREWALLS. A MAXIMUM OF ONE PIECE OF CONDUIT IS ALLOWED IN A NON-REINFORCED CORE. NO CONDUIT SHALL BE PLACED IN A VERTICALLY REINFORCED CORE IN A FIREWALL.
- S ALL NEW ELECTRICAL DEVICES SUCH AS, BUT NOT LIMITED TO, FIRE ALARM DEVICES, SMOKE DETECTORS, LIGHT FIXTURES, EXIT SIGNS, OCCUPANCY/VACANCY SENSORS, AND NON-KEYED SWITCHES ARE REQUIRED TO HAVE IMPACT PROTECTION THROUGH MEANS OF IMPACT RESISTANT COVERS, OR WIRE GUARDS IN LOCKER ROOMS, GYMNASIUMS, WEIGHT ROOMS, FITNESS CENTERS, WRESTLING ROOMS, AND CAFETERIAS.

CONSTRUCTION NOTES - POWER

- P1 PROVIDE 120V TO 4X4 JUNCTION BOX IN THIS LOCATION TO SERVE POWERED WATER CLOSETS, URINALS, AND LAVATORIES FOR THIS SET OF BATHROOMS.
- P2 PLACE OUTLET WITHIN THE EXTENTS OF THE SHROUD OF THE DRINKING FOUNTAIN.
- P3 PROVIDE POWER TO MECHANICAL EQUIPMENT. REFER TO MECHANICAL SCHEDULE.
- P4 TIMER FOR EXTERIOR LIGHTS. CIRCUIT TO SPACE 21 IN PANEL PP USING (2)-#12, (1)-#12G, IN 3/4" C.

FIRST FLOOR POWER PLAN
TOWN OF MONTOUR
HAVANA GLEN PARK BATHHOUSE
35 HAVANA GLEN ROAD MONTOUR FALLS NY 14865

E1.1

PROJECT NO: 1544-010

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 607-263-1000 ROCHESTER, NY 585-537-7868 TOWNANDA, PA 570-265-4606
BINGHAMTON, NY 607-798-8881 ALBANY, NY 607-798-8801
WWW.HUNTEAS.COM
NY CERTIFICATE NO. 001620 PA CERTIFICATE NO. TSC220013464-1

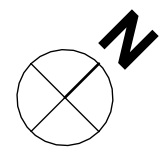
DATE: 1 10/26/2025

DESCRIPTION OF REVISION:
ISSUED FOR BID

1 10/26/2025

IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS DRAWING A LICENSED ENGINEER'S OR ARCHITECT'S SEAL.

DRAWN BY: MDK
CHECKED BY: TAWO
DATE: 10/14/2025
PHASE: CD



FIRST FLOOR LIGHTING PLAN
TOWN OF MONTOUR
HAVANA GLEN PARK BATHHOUSE
35 HAVANA GLEN ROAD MONTOUR FALLS, NY 14865

HUNT ENGINEERS | ARCHITECTS | SURVEYORS
HORSEHEADS, NY 607-253-1000 ROCKY HILLS, NY 565-537-7549 TOWNANDA, PA 570-265-4606
BINGHAMTON, NY 607-798-8881 ALBANY, NY 607-798-8801 WWW.HUNTEAS.COM
NY CERTIFICATE NO. 001620 PA CERTIFICATE NO. TSC220013/464-1

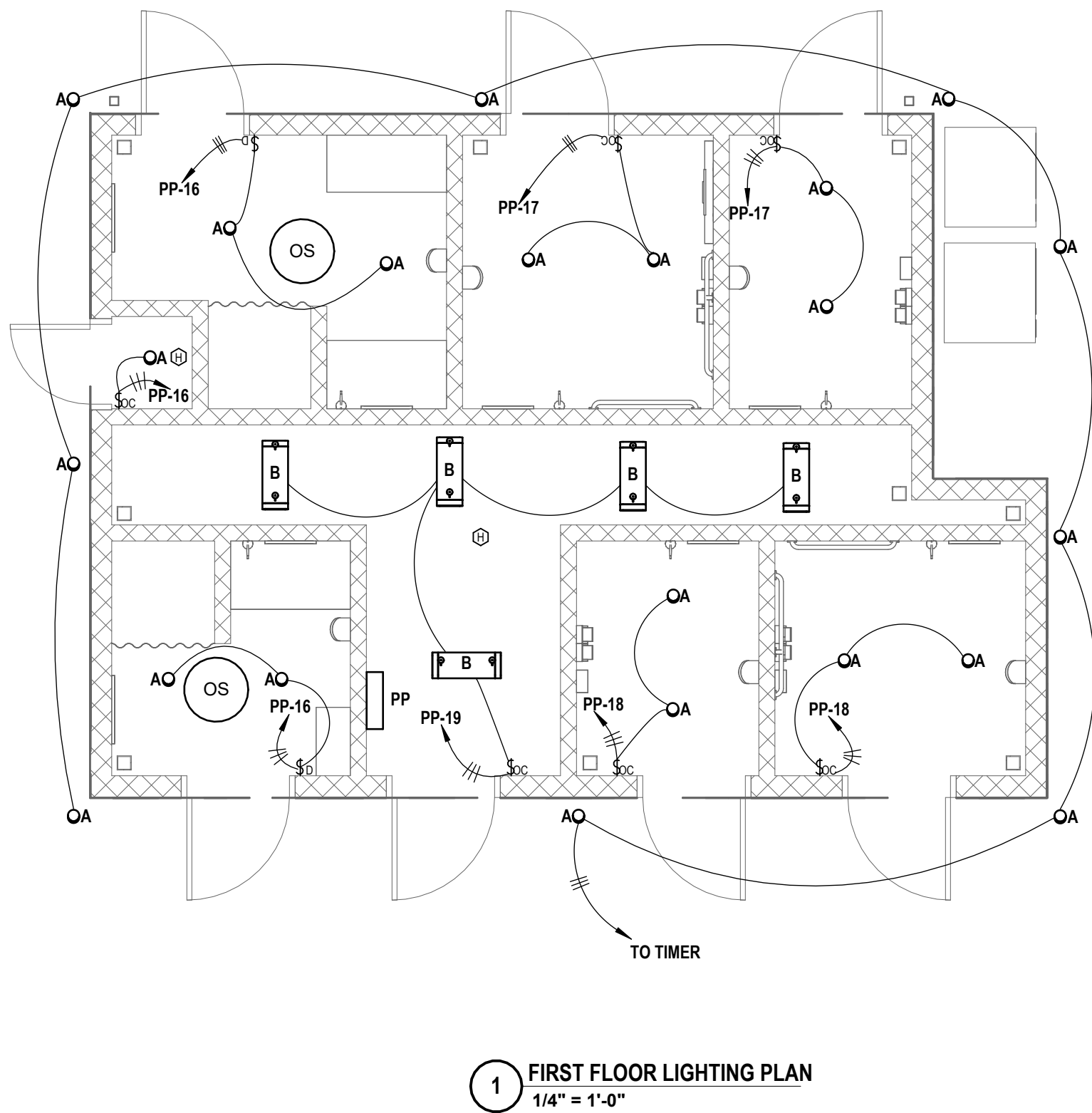
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1	10/26/2025		

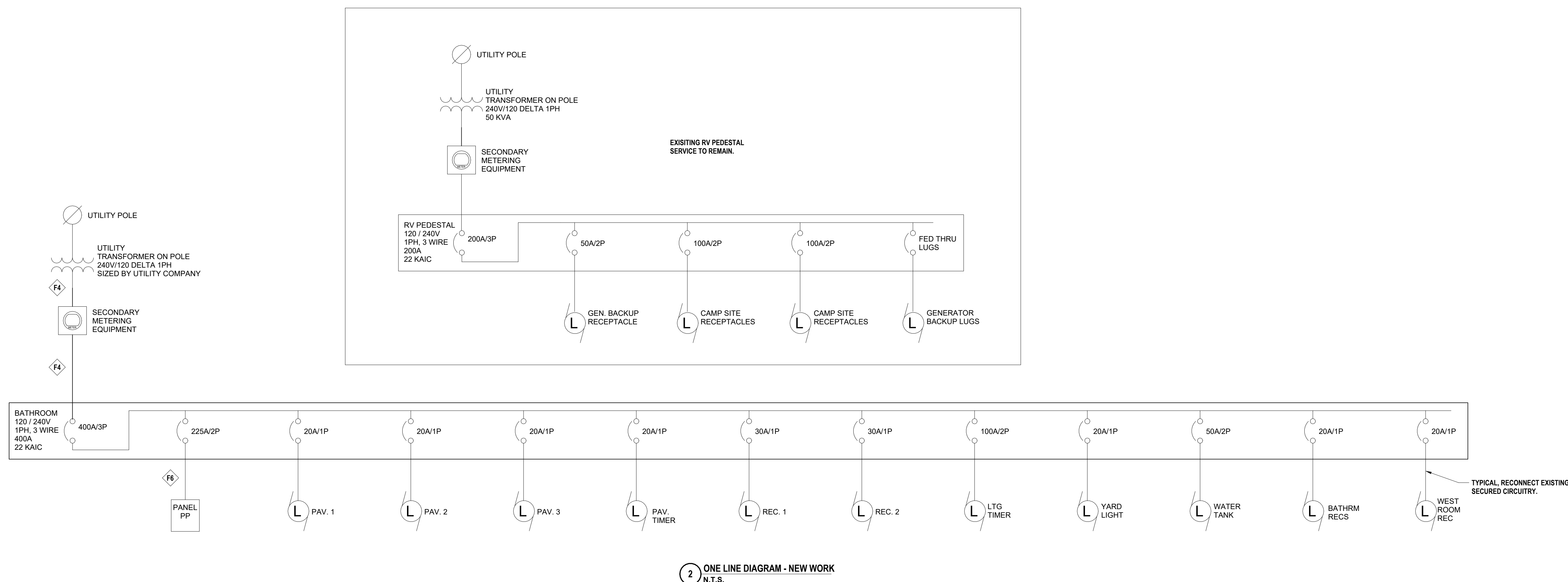
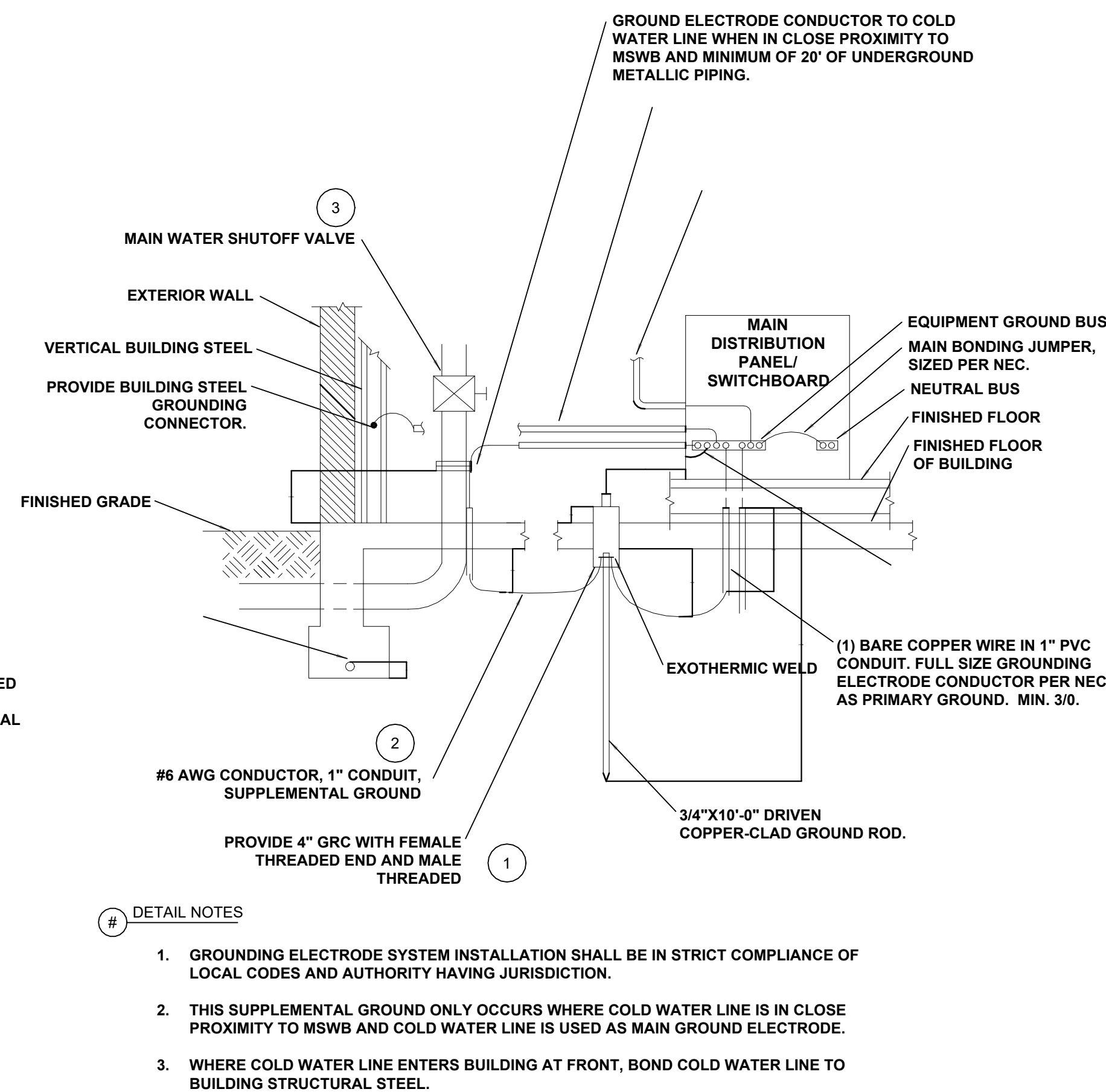
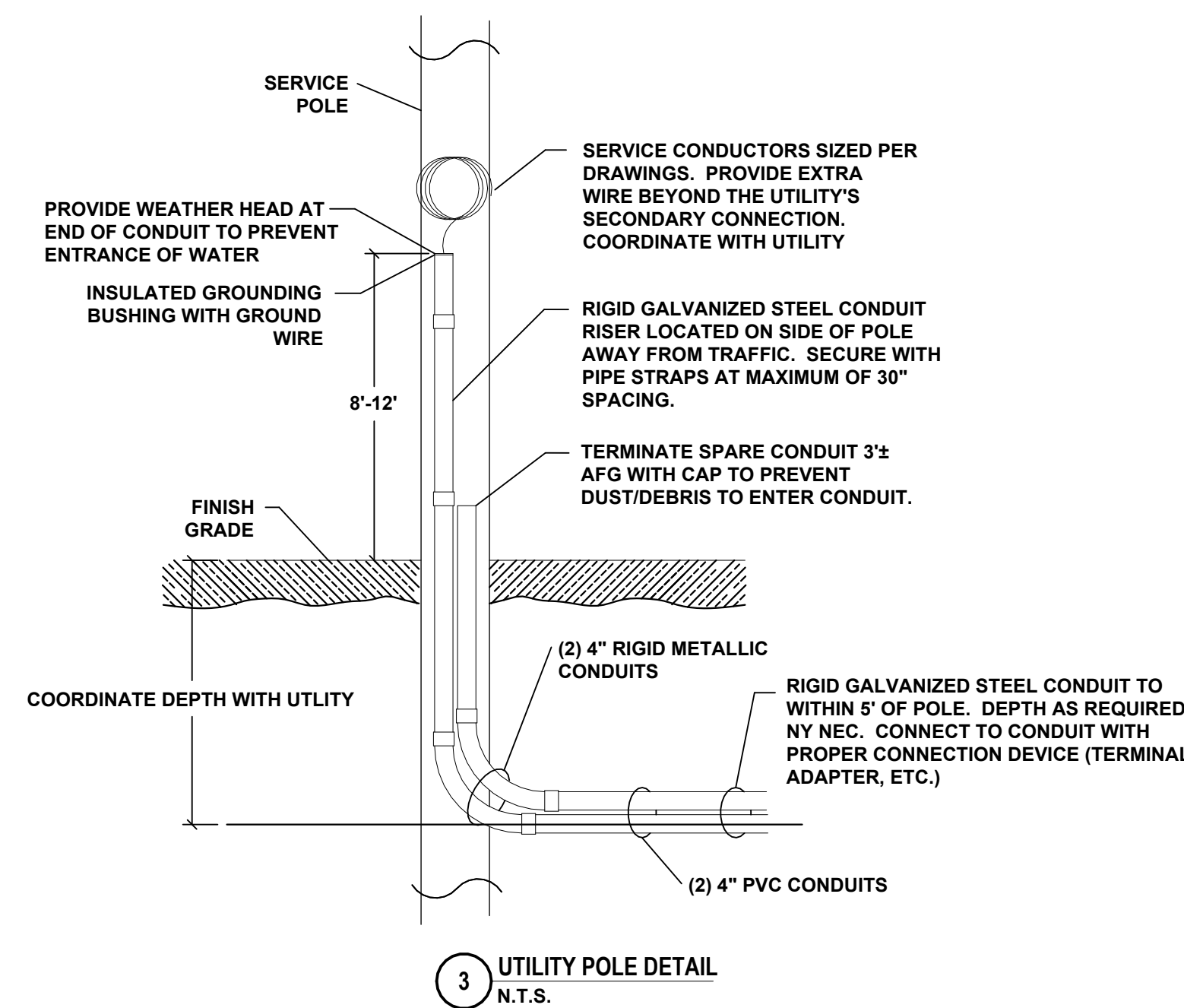
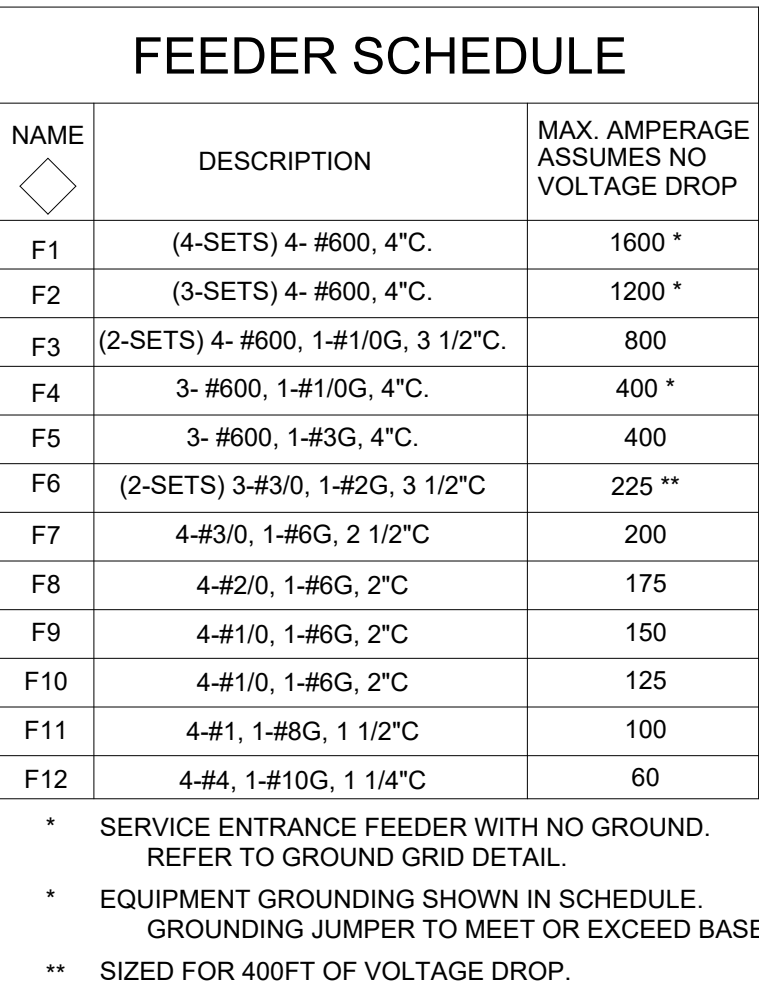
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DRAWN BY:	MDK
CHECKED BY:	TAWK
DATE:	10/14/2025
PHASE:	CD

10/26/2025

GENERAL NOTES - ELECTRICAL
REFER TO E1.1





[illegible]

TYPE	DESCRIPTION	SIZE	MOUNTING	VOLTAGE	LUMENS	LED COLOR TEMP	LOAD EA. (WATTS)	MANUFACTURER/CATALOG NO.	FINISH	REMARKS	NOTES
A	ROUND ADJUSTABLE DOWNLIGHT	4 IN	RECESSED	120V	3000	3500	34.8	3G LIGHTING / 3G-DL45RA-30-H95-35K-600-120-DIM-BT-BI-WCF	BLACK	-	-
B	LINEAR PENDANT	2 IN	PENDANT	120V	2700	3500	26	DAYBRITE CFI / V2WPE27L835-2-UNV-MD360W-TBK-FKR-126	WHITE	-	-



CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	RECEPTACLE 104	20 A	1				1	20 A	RECEPTACLE 101	2
3	RECEPTACLE 102	20 A	1				1	20 A	RECEPTACLE 103	4
5	RECEPTACLE 106	20 A	1				1	20 A	RECEPTACLE 105	6
7	DRINK VENDING MACHINE RECEPTACLE	20 A	1				1	20 A	RECEPTACLE 107	8
9	WATER FOUNTAIN RECEPTACLES	20 A	1				1	20 A	HAND DRYER 101	10
11	HAND DRYER 102	20 A	1				1	20 A	HAND DRYER 103	12
13	HAND DRYER 104	20 A	1				1	20 A	HAND DRYER 107	14
15	HAND DRYER 106	20 A	1				1	20 A	LIGHTS 101 104	16
17	LIGHTS 102 103	20 A	1				1	20 A	LIGHTS 106 107	18
19	LIGHTS 105	20 A	1				2	125 A	WATER HEATER	20
21	TIMER FOR EXTERIOR LIGHTS	20 A	1				~			22
23	SNACK VENDING MACHINE RECEPTACLE	20 A	1				1	15 A	EXHAUST FAN	24
25	HEAT DETECTORS	20 A	1				1	20 A	SPARE	26
27	SPARE	20 A	1				1	20 A	SPARE	28
29	SPARE	20 A	1				1	20 A	SPARE	30
31	SPARE	20 A	1				1	20 A	SPARE	32
33	SPARE	20 A	1				1	20 A	SPARE	34
35	SPARE	20 A	1				1	20 A	SPARE	36
37	SPARE	20 A	1				1	20 A	SPARE	38
39	SPARE	20 A	1				1	20 A	SPARE	40
41	SPARE	20 A	1				1	20 A	SPARE	42

		IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO MAKE UNAUTHORIZED ALTERATIONS OR ADDITIONS TO PLANS
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