

PAVILION / RESTROOMS / ADA RAMP

FOR

McCLURE STATION PARK

PROJECT LOCATION

McCLURE, PA 17841
BOROUGH OF McCLURE, SNYDER COUNTY

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REVISIONS

NO.	DATE	DESCRIPTION
1	01/29/24	ISSUED FOR PERMIT
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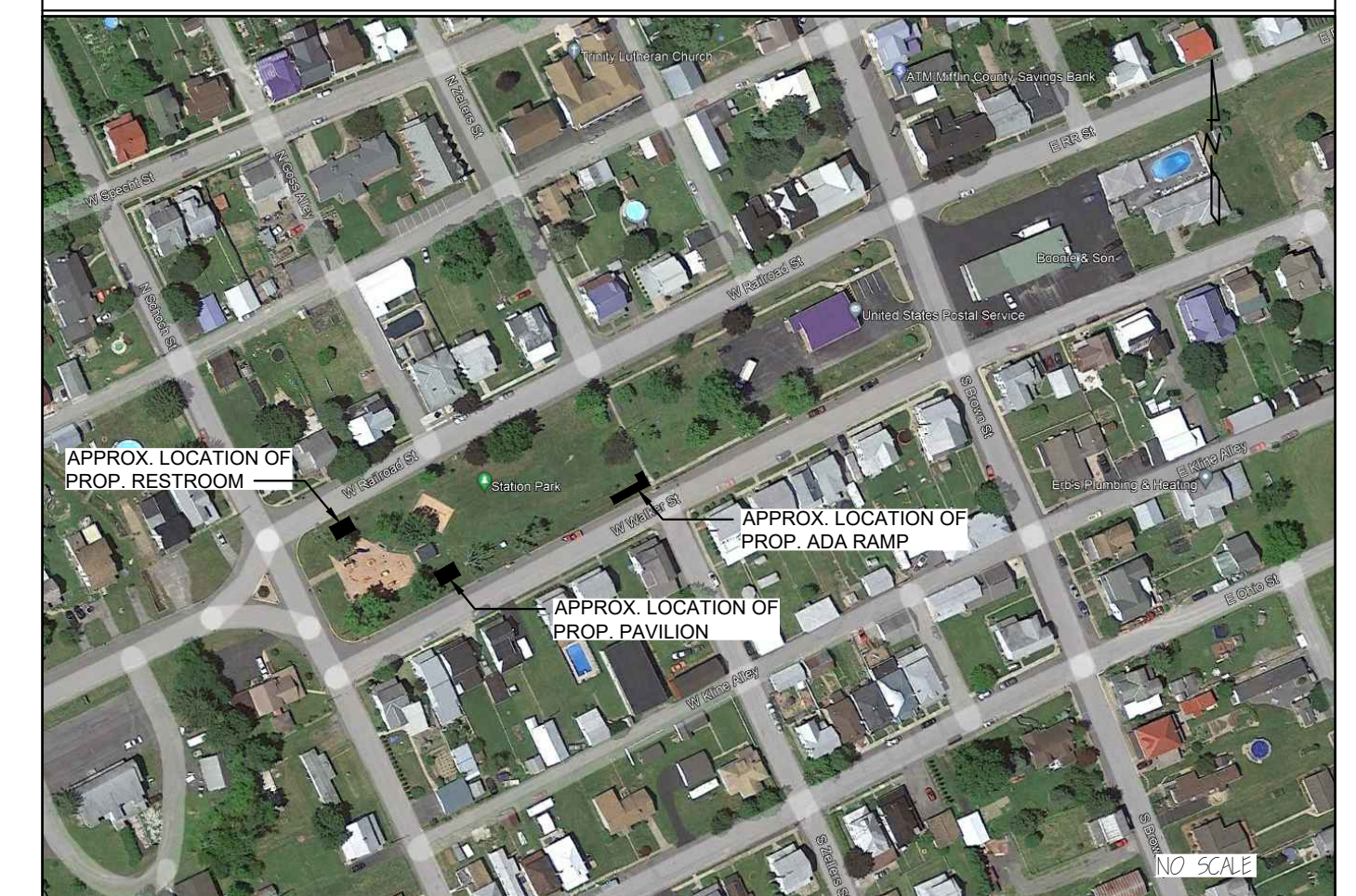
ABBREVIATIONS

CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
A.F.F.	ABOVE FINISH FLOOR	INSUL.	INSULATION	W.C.	WATER CLOSET
ALUM.	ALUMINUM	INT.	INTERIOR	WWF	WELDED WIRE FABRIC
BLK.	BLOCK	JT.	JOINT	WD.	WOOD
CLG.	CEILING	LAM.	LAMINATED		
CJ	CONTROL JOINT	LAV.	LAVATORY		
CL	CENTER LINE	LIN. FT.	LINEAR FT.	G.C.	GENERAL CONTRACTOR
C. TILE	CERAMIC TILE	MFG.	MANUFACTURER	P.C.	PLUMBING CONTRACTOR
CONC.	CONCRETE	MTRL.	MATERIAL	M.C.	MECHANICAL CONTRACTOR
CMU	CONCRETE MASONRY UNIT	MTL.	METAL	E.C.	ELECTRICAL CONTRACTOR
CONST.	CONSTRUCTION	M.O.	MASONRY OPENING		
CPT.	CARPET	MECH.	MECHANICAL		
DTL.	DETAIL	M.R.	MOISTURE RESISTANCE		
DIM.	DIMENSION	MLDG.	MOLDING		
DWG.	DRAWING	N.T.S.	NOT TO SCALE		
E.W.C.	ELECTRIC WATER COOLER	NO.	NUMBER		
E.W.	EACH WAY	O.C.	ON CENTER		
ELEV.	ELEVATION	O.H.D.	OVERHEAD DOOR		
EQ.	EQUAL	O.S.B.	ORIENTED STRAND BOARD		
EQUIP.	EQUIPMENT	PTD.	PAINTED		
EXIST.	EXISTING	P.	PLATE		
EXP. JT.	EXPANSION JOINT	PLYWD.	PLYWOOD		
EXT.	EXTERIOR	RAD.	RADIUS		
F.F.	FINISH FLOOR	R.D.	ROOF DRAIN		
F.G.	FINISH GRADE	RM.	ROOM		
F.C.	FIRE CODE	R.O.	ROUGH OPENING		
FL.	FLOOR	SHT.	SHEET		
F.D.	FLOOR DRAIN	S.P.F.	SPRUCE PINE FUR		
FT.	FOOT	STD.	STANDARD		
FTG.	FOOTING	STL.	STEEL		
GA.	GAUGE	S.A.C.T.	SUSPENDED ACOUSTICAL CEILING TILE		
GYP. BD.	GYP. BOARD	TR.	TREATED		
HGRS.	HANGERS	TYP.	TYPICAL		
HT.	HEIGHT	VYL.	VINYL		
H.C.	HOLLOW CORE	V.C.T.	VINYL COMPOSITION TILE		
HVAC	HEATING, VENTILATION & AIR CONDITIONING	V.W.C.	VINYL WALL COVERING		

DRAWING INDEX

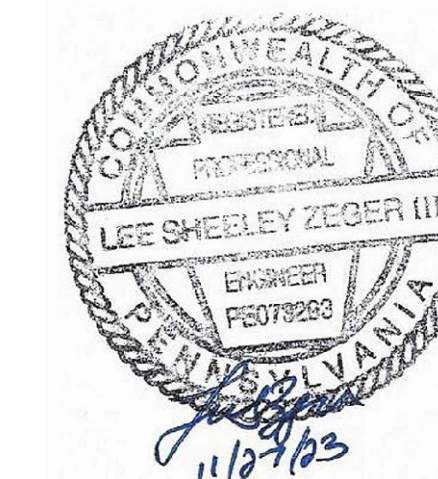
SHEET #	DESCRIPTION
CS	COVER SHEET
	<u>RESTROOM PLANS</u>
A1.1	PROPOSED FLOOR PLAN
A1.2	EXTERIOR ELEVATIONS
A1.3	BUILDING CROSS SECTIONS/NOTES
S1.1	FOUNDATION AND ROOF FRAMING/DETAILS
P1.1	PLUMBING PLANS
E1.1	ELECTRICAL PLANS
	<u>PAVILION PLANS</u>
A2.1	PROPOSED FLOOR PLAN
A2.2	EXTERIOR ELEVATIONS
S2.1	FOUNDATION PLAN/DETAILS
S2.2	ROOF FRAMING PLAN/DETAILS
E2.1	ELECTRICAL PLANS
	<u>ADA RAMP</u>
A3.1	PROPOSED RAMP PLAN
S3.1	FOUNDATION PLAN/DETAILS

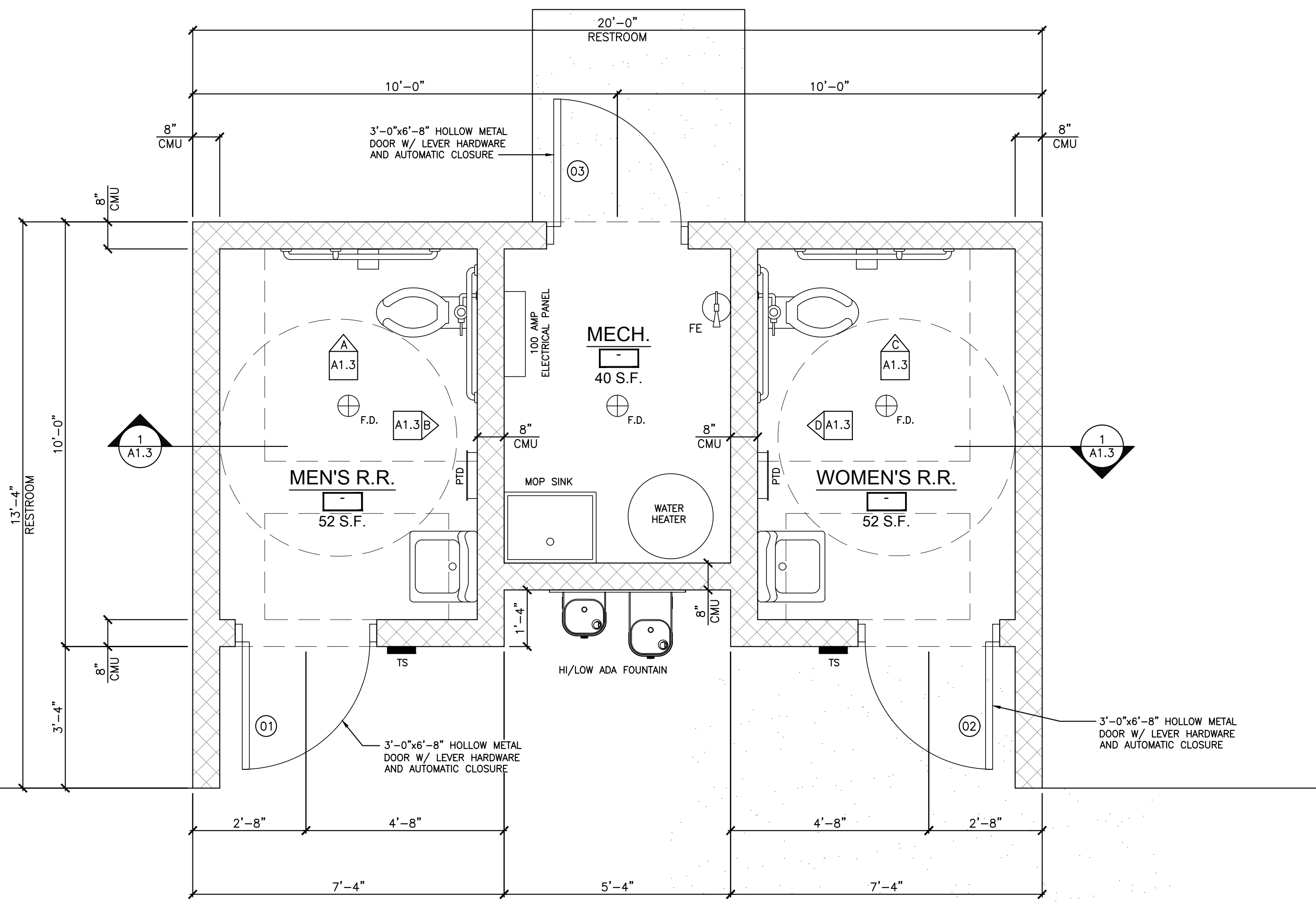
LOCATION MAP



PROJECT CONTACTS

OWNER	CONTRACTOR
McCLURE BOROUGH ONE NORTH FORBES STREET McCLURE, PA 17841	
ENGINEER	
CES ENGINEERING, LLC 7810 SUNRISE CAMP ROAD HUNTINGDON, PA. 16652 ATTN: LEE S. ZEGER, III P.E.	

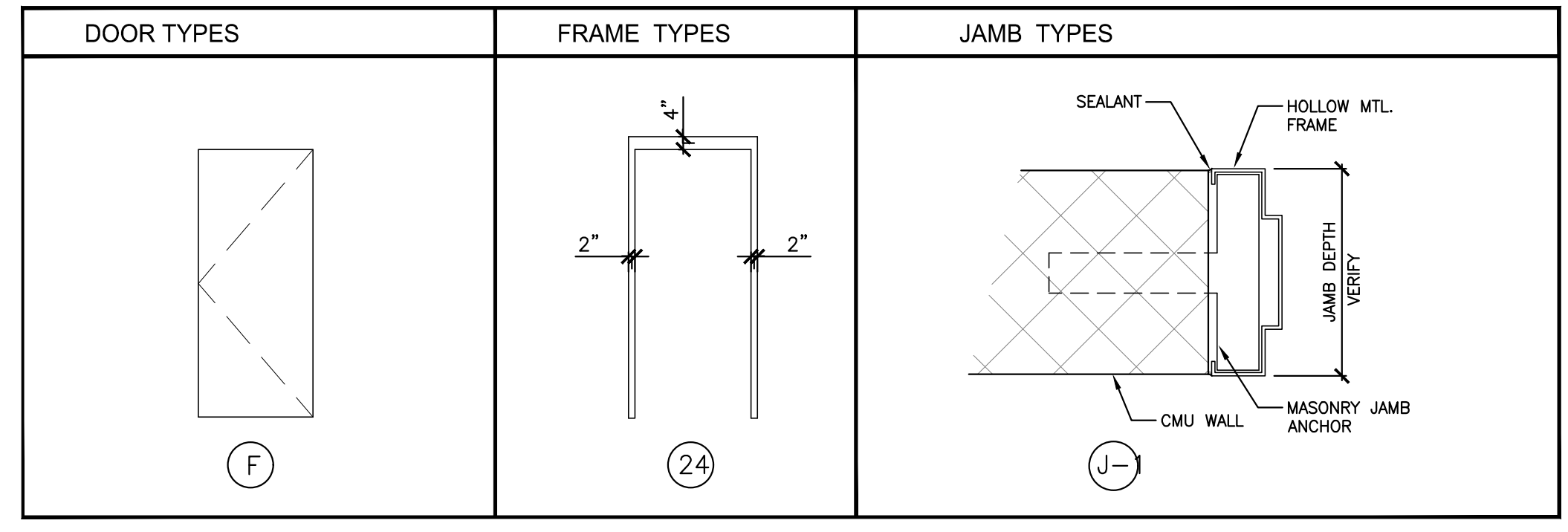




RESTROOM FLOOR PLAN
SCALE: 1/2" = 1'-0"
PLAN NORTH

LOCATION	DOOR SCHEDULE										ROOM/LOCATION	REMARKS				
	MARK	STYLE	SIZE (W x H)	THICK.	MAT'L	FINISH	GLAZE	RATING	FRAME DATA							
	01	F	3'-0" x 7'-0"	1 3/4"	HM	PTD	-	-	24	HM	PTD	-	J-1	ADA THR.	MEN'S RESTROOM	CLOSER, AUTO ELECTRIC LOCKABLE LEVER HDWR., WEATHERSTRIPPING, SIGNAGE
	02	F	3'-0" x 7'-0"	1 3/4"	HM	PTD	-	-	24	HM	PTD	-	J-1	ADA THR.	WOMEN'S RESTROOM	CLOSER, AUTO ELECTRIC LOCKABLE LEVER HDWR., WEATHERSTRIPPING, SIGNAGE
	03	F	3'-0" x 7'-0"	1 3/4"	HM	PTD	-	-	24	HM	PTD	-	J-1	ADA THR.	MECHANICAL ROOM	LEVER HDWR., WEATHERSTRIPPING, LOCK

- NOTES:**
- VERIFY DOOR ROUGH OPENINGS W/ DOOR MFR.
 - PROVIDE POSITIVE LATCHING, LEVER TYPE ON ALL INTERIOR DOORS UNLESS NOTED OTHERWISE
 - PROVIDE DOOR MFR. LABEL ON RATED DOORS & FRAMES



LOCATION	ROOM FINISH SCHEDULE									
	ROOM NAME	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	FLOORING	BASE	CEILING	CEILING HT.	REMARKS
	MEN'S RESTROOM	PTD. CMU	PTD. CMU	PTD. CMU	PTD. CMU	RESINOUS	RESINOUS	TRUSSCORE	8'-0" +/-	-
	WOMEN'S RESTROOM	PTD. CMU	PTD. CMU	PTD. CMU	PTD. CMU	RESINOUS	RESINOUS	TRUSSCORE	8'-0" +/-	-
	MECHANICAL ROOM	PTD. CMU	PTD. CMU	PTD. CMU	PTD. CMU	RESINOUS	RESINOUS	TRUSSCORE	8'-0" +/-	-

- DESIGN LOADS**
- SEISMIC: $A_v < 0.05$
 - WIND: $V = 115$ MPH 1=1.0 EXPOSURE "C" CATEGORY II BUILDING
 - ROOF SNOW: $P_g = 30$ psf
 - ROOF LIVE (MIN): 20 psf
 - SOIL BEARING CAP. (MIN): 2500 psf

- CONCRETE**
- ALL CONCRETE SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL JURISDICTION) EDITIONS OF THE FOLLOWING AMERICAN CONCRETE INSTITUTE (ACI) AND AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) DOCUMENTS:
- ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
 - ACI-318 CODE
 - ACI-214 COMPRESSION TESTING
 - ACI-306 COLD WEATHER CONCRETING
 - ACI-315 DETAILING
 - ACI-347 FORMWORK
 - ACI-305 HOT WEATHER CONCRETING
 - ACI-211 PROPORTIONING CONCRETE
 - ACI-304 PLACING CONCRETE
 - ASTM C94 READY-MIX CONCRETE
 - ASTM C31 FIELD CYLINDER SPECIMENS
 - ASTM C143 SLUMP TESTING
 - ASTM C231 AIR CONTENT
 - ASTM C39 LAB TESTING CYLINDERS
 - ASTM C172 SAMPLING FRESH CONCRETE
 - ASTM C42 HARDENED CONCRETE
- A CONCRETE STRUCTURE MAY NOT SUPPORT ITS DESIGN LIVE LOAD FOR 28 DAYS.

- MASONRY**
- ALL CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530.1 / ASCE 5 TMS 402 LATEST EDITIONS). ALL CONCRETE MASONRY SHALL CONFORM TO THE LATEST EDITION OF ASTM SPECIFICATIONS C 90 AND C 145. ALL MASONRY UNITS SHALL BE GRADE N-1 WITH A NET COMPRESSIVE STRENGTH OF 2,000 PSI WHEN SAMPLED AND TESTED PER ASTM C 140. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

- MORTAR SHALL CONFORM TO ASTM C 270, TYPE "S" HAVING A MINIMUM COMPRESSION STRENGTH OF 1,800 PSI AT 28 DAYS. MORTAR TO BE USED SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH ASTM C 140. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- ALL BRICK MASONRY SHALL CONFORM TO THE LATEST EDITION OF ASTM C 62 AND C 216. THE MINIMUM COMPRESSION STRENGTH OF BRICK MASONRY CONSTRUCTED SHALL BE AS INDICATED BELOW. BRICK TO BE USED SHALL BE SAMPLED AND TESTED BY THE BRICK SUPPLIER ACCORDING TO ASTM C 67. TESTS RESULTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

- GROUT SHALL CONFORM TO THE REQUIREMENTS OF ASTM 476 WITH A MINIMUM STRENGTH OF 2500 PSI
- CALCIUM CHLORIDE WILL NOT BE USED AS AN ADMIXTURE
- HOLLOW MASONRY UNITS SHALL BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL FACE SHELLS, EXCEPT THAT WEBS SHALL ALSO BE BEDDED IN ALL COURSES OF PIERS, COLUMNS AND PILLASTERS AND IN THE STARTING COURSE OF FOOTINGS AND SOLID FOUNDATION WALLS WHERE ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED AND / OR FILLED WITH GROUT.
- SOLID MASONRY UNITS (NET CROSS SECTIONAL AREA IS 75% OR MORE OF CROSS SECTIONAL AREA) AND BRICK UNITS SHALL HAVE FULL HEAD AND BED JOINTS
- REINFORCE MASONRY CORES AND BAND BEAMS WITH REINFORCING BARS AS SHOWN, FILL WITH ASTM C476 GROUT ($f_m=2,500$ PSI) OR CONCRETE GROUT ($f_c=3,000$ PSI)
- JOINT REINFORCEMENT SHALL CONSIST OF DUB-O-WALL TRUSS DESIGN, 9 GAGE @ 16" O.C.
- PROVIDE CONTROL JOINTS AT 24" MAXIMUM SPACING.
- THE MINIMUM TIME AFTER COMPLETION OF MASONRY CONSTRUCTION AND BEFORE DEAD LOADS MAY BE APPLIED IS AS FOLLOWS:
- PIERS AND WALLS SUBJECTED TO CONCENTRATED LOADS 72 HOURS

- STRUCTURAL WOOD PRODUCTS**
- PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER'S ENGINEER. THE MANUFACTURER'S ENGINEER SHALL BE REGISTERED IN THE LOCAL JURISDICTION. LOAD TABLES, SHOP DRAWINGS AND DESIGN DATA SHALL BE SIGNED AND SEALED BY THE MANUFACTURER'S ENGINEER AND SUBMITTED FOR REVIEW, BY BOTH THE ENGINEER & THE CODE OFFICIAL.
- TRUSSES SHALL BE BRACED IN ACCORDANCE WITH "BRACING WOOD TRUSSES COMMENTARY AND RECOMMENDATIONS" BY THE TRUSS PLATE INSTITUTE INC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY ERECTION BRACING.
- ALL TEMPORARY BRACING OF WOOD TRUSSES SHALL BE NO LESS THAN 2"x4" STUDS.
- INSTALL ENGINEERED LUMBER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION. ALL BEAMS SHALL BEAR FULL LENGTH ONTO POSTS.
- EXCEPT AS NOTED OTHERWISE, NAILING AND DETAILS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING CODE AND THE AFPA'S NATIONAL DESIGN SPECIFICATION FOR STRESS GRADE LUMBER AND ITS FASTENINGS.
- ROOF SHEATHING SHALL BE STANDARD APA RATED C-D 32/16 WITH EXTERIOR GRADE PLYWOOD, NAIL PLYWOOD TO JOISTS AND TRUSSES WITH 8D NAILS AT 6" AT SHEET EDGES AND AT 12" AT ALL INTERMEDIATE JOISTS AND TRUSSES.
- NAIL PLYWOOD TO JOISTS AND TRUSSES WITH 8D NAILS AT 6" AT SHEET EDGES AND AT 10" AT ALL INTERMEDIATE JOISTS AND TRUSSES.

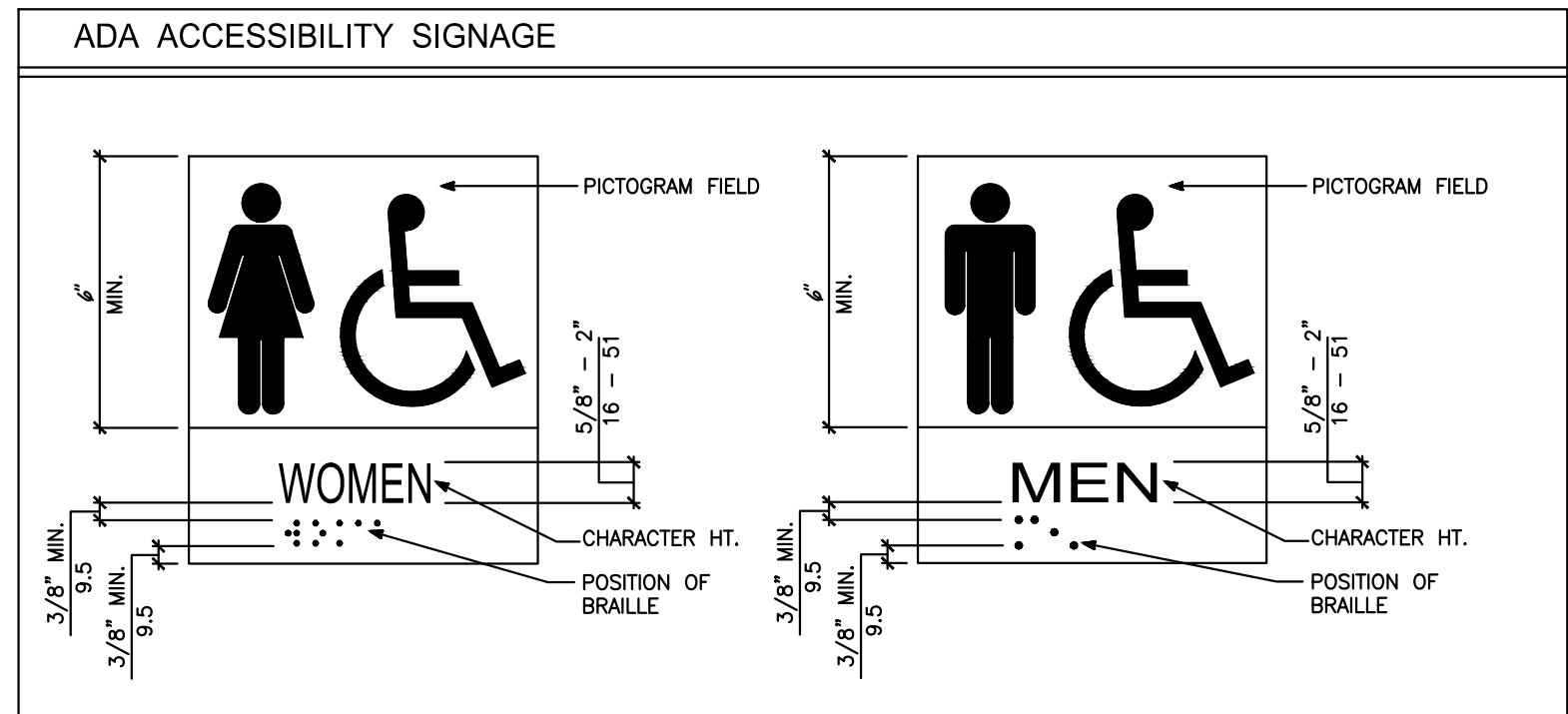
- GENERAL NOTES**
- ALL CONSTRUCTION SHALL MEET OR EXCEED THE MOST STRINGENT APPLICABLE LOCAL, STATE, & FEDERAL BUILDING CODES, REGULATIONS, & REQUIREMENTS NOT WITHSTANDING ANY CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND/OR DETAILS. VERIFY ALL DISCREPANCIES W/ ENGINEER PRIOR TO BIDDING THE PROJECT & THE COMMENCEMENT OF ANY WORK THEREON.
 - OWNER & CONTRACTOR SHALL REVIEW, VERIFY, AND CO-ORDINATE ALL DIMENSIONS, TOLERANCES, CONSTRUCTION CONDITIONS, CLEARANCES, ETC. PRIOR TO THE COMMENCEMENT OF ANY WORK.
 - THE GENERAL CONTRACTOR SHALL ACQUAINT THEMSELVES WITH THE HANDICAPPED ACCESSIBILITY REQUIREMENTS FOR THIS LOCAL AND THE AMERICAN DISABILITIES ACT (ADA) AND ENSURE THAT THE REQUIRED ELEMENTS OF THIS SITE & FACILITY WILL CONFORM & BE ACCESSIBLE TO THE FULLEST EXTENT REQUIRED. ALL ACCESSIBLE FEATURES MUST DISPLAY SIGNAGE THAT COMPLIES WITH ICC/ANSI A117.1-2009 SECTION 703 "SIGNS".
 - GENERAL CONTRACTOR SHALL ENSURE MUTUAL COMPATIBILITY & NON-DETRIMENTAL/NON-CORROSIVE INTERACTION & EFFECT OF ALL INDIVIDUAL CONSTRUCTION COMPONENTS, MATERIALS, TREATMENTS, FASTENERS, ETC. WITH ALL OTHER RELATED OR ADJACENT CONSTRUCTION COMPONENTS, MATERIALS, TREATMENTS, FASTENERS, ETC. AS PROVIDED ON THIS PROJECT WITHIN THE REQUIRED CONSTRUCTION ASSEMBLIES.
 - ALL NEW MATERIALS, ASSEMBLIES, PROCEDURES, AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S LATEST PRINTED INSTRUCTIONS/SPECIFICATIONS AND COMPLY WITH ALL CODE REQUIREMENTS AND FUNCTIONAL INTENT.
 - ALL DIMENSIONS ARE GIVEN TO FACE OF FRAMING, FACE OF MASONRY, OR CENTERLINE OF STEEL UNLESS NOTED OTHERWISE. DIMENSIONS FOR EXIST. CONDITIONS MAY EFFECT LAYOUT OF NEW CONSTRUCTION THEREFORE ALL EXIST. DIMENSIONS ARE TO BE VERIFIED PRIOR TO COMMENCEMENT OF WORK FOR EACH PHASE.
 - ALL INFORMATION (DIMENSIONS, NOTES, DETAILS, ETC.) SHOWN ON THE PLANS ARE FOR THE CONTRACTOR'S ASSISTANCE IN THE CONSTRUCTION OF THIS PROJECT. DO NOT SCALE THESE DRAWINGS. REPRODUCTIONS MAY BE DEFORMED DUE TO PRINTING, COPYING, ETC.
 - PROVIDE TEMPORARY PINNING, SHORING, BRACING, SUPPORT, ETC. AS REQ'D TO MAINTAIN STRUCTURAL INTEGRITY OF NEW AND/OR EXISTING CONSTRUCTION THROUGHOUT ALL PHASES OF WORK.
 - STANDARD SWITCH MOUNTING HEIGHT FOR ADA ACCESSIBILITY TO BE 48" MAX. & 15" MIN. A.F.F. TO CENTER OF SWITCH PLATE.
 - LIFE SAFETY ITEMS SUCH AS FIRE ALARM, SMOKE DETECTORS, SECURITY SYSTEMS, FIRE EXTINGUISHERS, ETC. REQ'D SHALL BE PROVIDED & INSTALLED BY OTHERS.

- SYMBOLS & NOTES LEGEND**
- F.E. 10# ABC TYPE FIRE EXTINGUISHER W/ MIN. 2-A/10-B RATING, SURFACE MOUNTED
 - T.S. TACTILE ADA ACCESSIBILITY SIGNAGE

- CONSTRUCTION NOTES:**
- NOTE A** - ALL NEW ELECTRICAL FIXTURES, WIRING, CONDUIT, ETC. TO BE DESIGNED, PROVIDED & INSTALLED PER STATE & LOCAL CODES BY A CERTIFIED ELECTRICAL CONTRACTOR.
- NOTE B** - ALL NEW SANITARY WASTE LINES, DOMESTIC WATER LINES, ETC. TO BE PROVIDED & INSTALLED PER STATE & LOCAL CODES BY A CERTIFIED PLUMBING CONTRACTOR.

- FACILITY & CODE INFORMATION**
- PROJECT DESCRIPTION:**
THE PROJECT CONSISTS OF THE CONSTRUCTION OF A NEW ADA ACCESSIBLE RESTROOM FACILITY. NEW ELECTRICAL, WATER AND SEWER SERVICE WILL BE EXTENDED TO THE PROPOSED BUILDING. BUILDING WILL BE CONNECTED TO AN EXISTING ADA ACCESSIBLE SIDEWALK THAT PROVIDES ACCESS THROUGHOUT MCCLURE STATION PARK.
- APPLICABLE CODES**
- I.B.C. INTERNATIONAL BUILDING CODE 2018
 - 2010 ADA GUIDELINES - I.B.C. 2018 CHAPTER 11
 - I.R.C. INTERNATIONAL RESIDENTIAL CODE
 - 2018 I.E.C.C. INTERNATIONAL ENERGY CONSERVATION CODE 2018 LIFE SAFETY
 - CODE - NFPA 101 I.E.B.C.
 - INTERNATIONAL EXISTING BUILDING CODE 2018
- [] LEVEL 1 [] LEVEL 2 [] LEVEL 3
- OCCUPANCY CLASSIFICATION:**
PROPOSED OCCUPANCY:
I.B.C. - USE GROUP - UTILITY AND MISC. (U)
- TYPE OF CONSTRUCTION:**
I.B.C. - TYPE III B
- | | |
|--|---|
| ALLOWABLE BUILDING HEIGHT:
ASSEMBLY (A-5) = 55 FT | PROPOSED BUILDING HEIGHT:
ASSEMBLY (A-5) = 12 FT |
| ALLOWABLE BUILDING STORIES:
ASSEMBLY (A-5) = 2 STORIES | PROPOSED BUILDING STORIES:
ASSEMBLY (A-5) = 1 STORY |
| ALLOWABLE BUILDING AREA:
ASSEMBLY (A-5) = 8,500 S.F. | PROPOSED BUILDING AREA:
ASSEMBLY (A-5) = 266 S.F. |
- LIFE SAFETY:**
- | | |
|----------------------|-----------|
| MANUAL FIRE ALARM | NOT REQ'D |
| AUTOMATIC FIRE ALARM | NOT REQ'D |
| EMERGENCY LIGHTING | NOT REQ'D |
| AUTOMATIC SPRINKLER | NOT REQ'D |

- ACCESSIBILITY NOTES**
- PROVIDE SIGNAGE AS REQ'D THAT COMPLIES WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
 - ALL ACCESSIBILITY FEATURES SHOWN COMPLY WITH IBC-2018 CHAPTER 11 "ACCESSIBILITY" AND/OR 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN REQUIREMENTS FOR STATE AND LOCAL CODE APPROVALS AS REQ'D.
 - TACTILE SIGNS SHALL CONTAIN BOTH RAISED CHARACTERS & BRAILLE. SIGNS TO BE MOUNTED 48" MIN. & 60" MAX ABOVE FINISHED FLOOR MEASURED TO BASELINE OF THE BRAILLE CELLS & ALONGSIDE DOOR 9" MAX. FROM THE LATCH SIDE OF DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE MOUNTED ON THE NEAREST ADJACENT WALL.

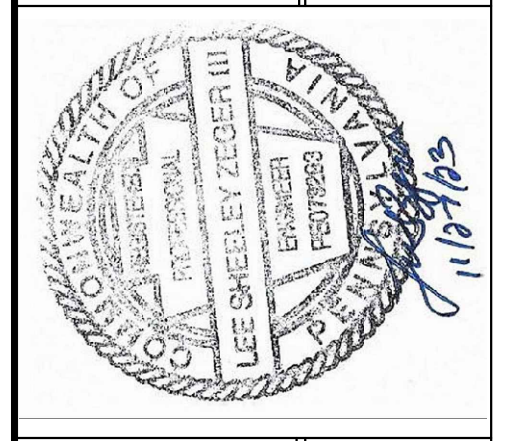


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HUNTINGDON, PA

PROJECT REVISION

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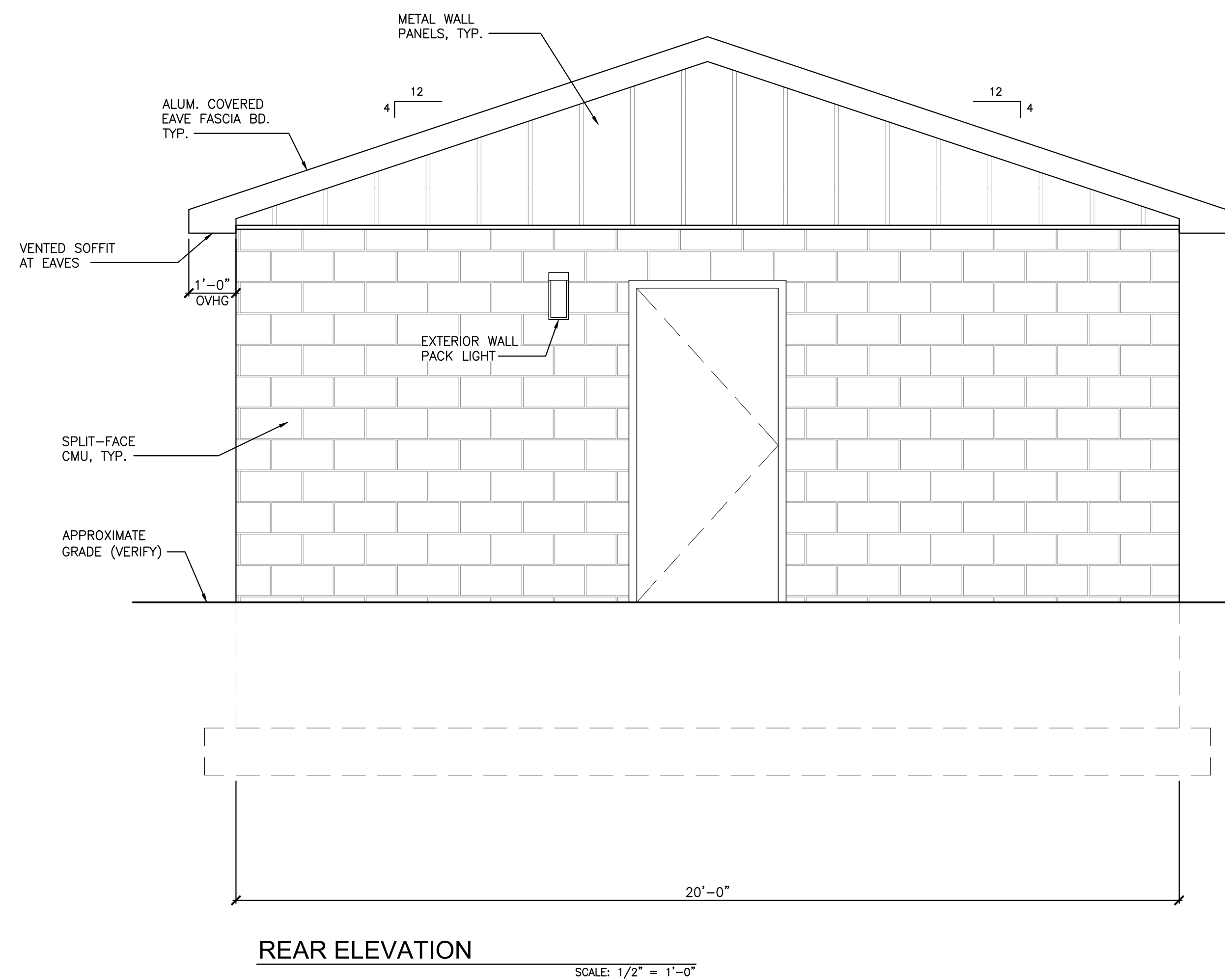
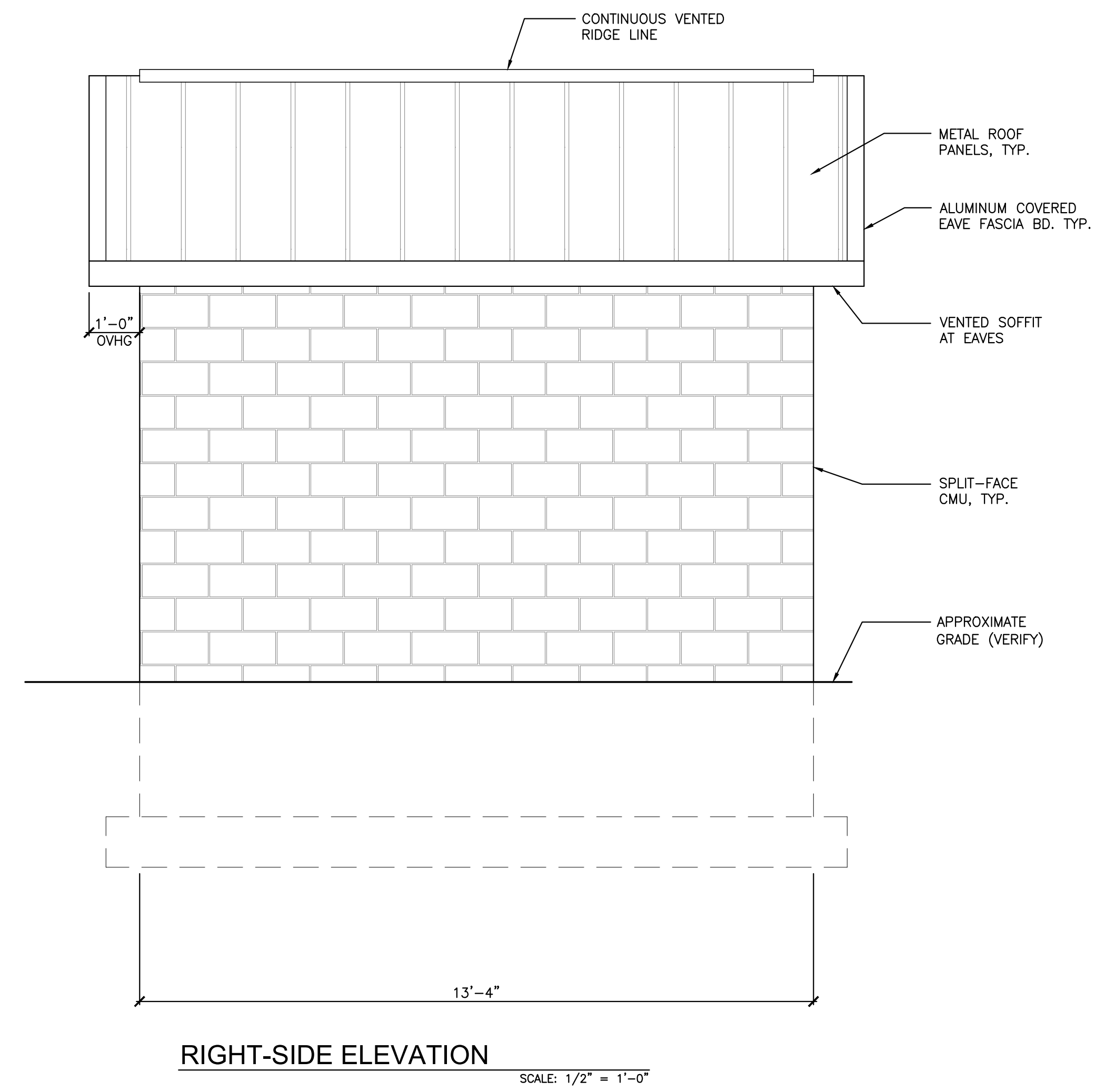
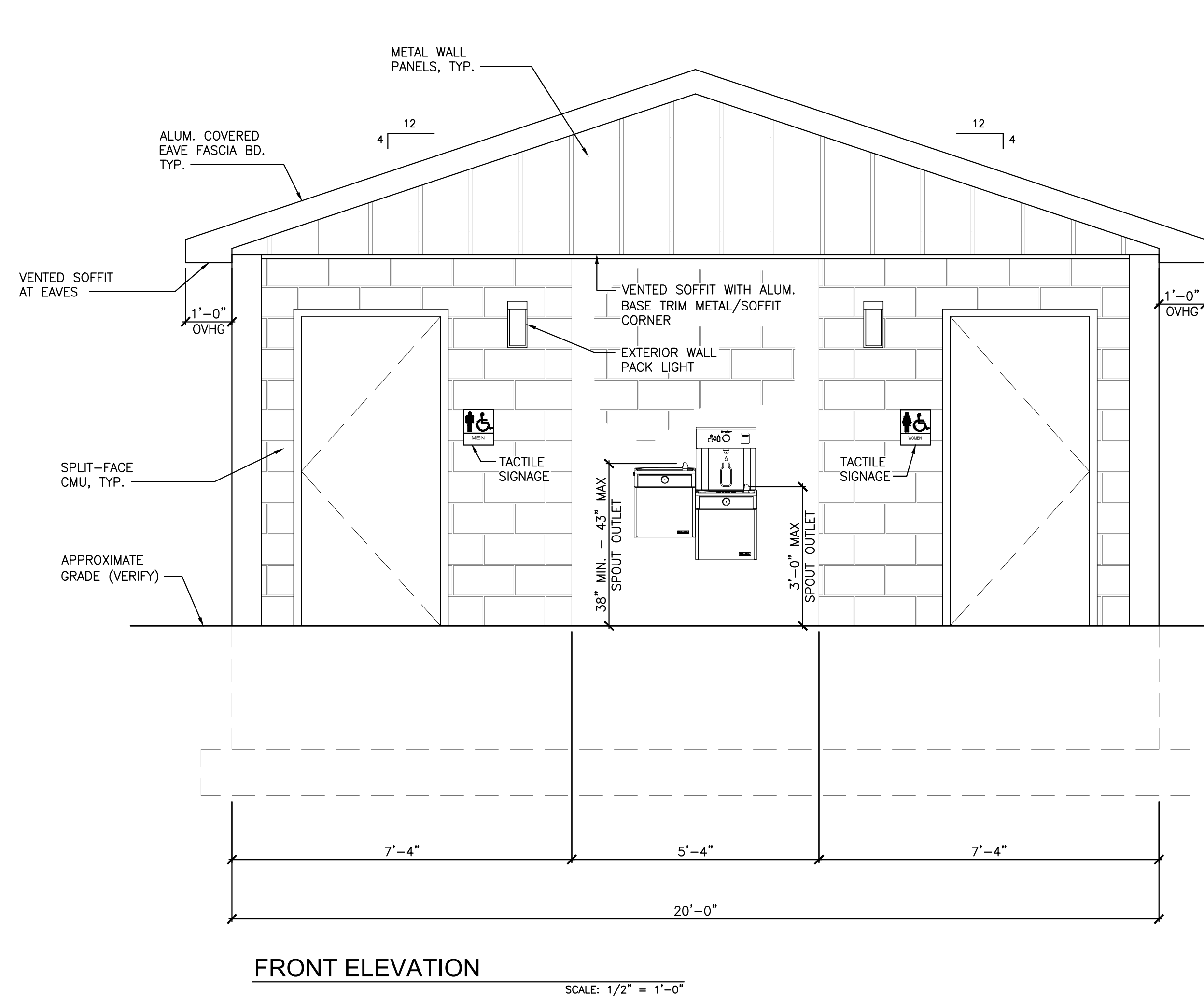
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RESTROOM/PAVILION/ADA RAMP for McCLURE STATION PARK

BOROUGH OF McCLURE
SNYDER COUNTY, PA

PROJECT No: 21085_01_01
SCALE: AS NOTED
DRAWN BY: T.S.F.
DATE:
DRAWING DESCRIPTION:
RESTROOM FLOOR PLAN
DRAWING No.:
A 1.1



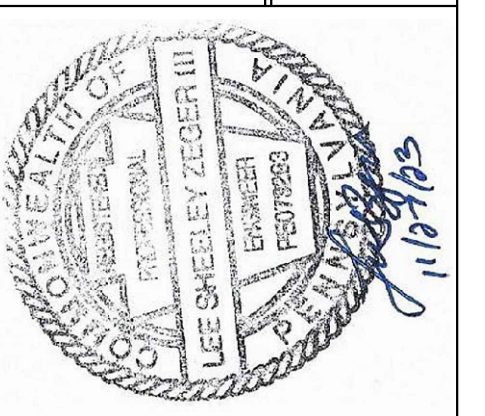
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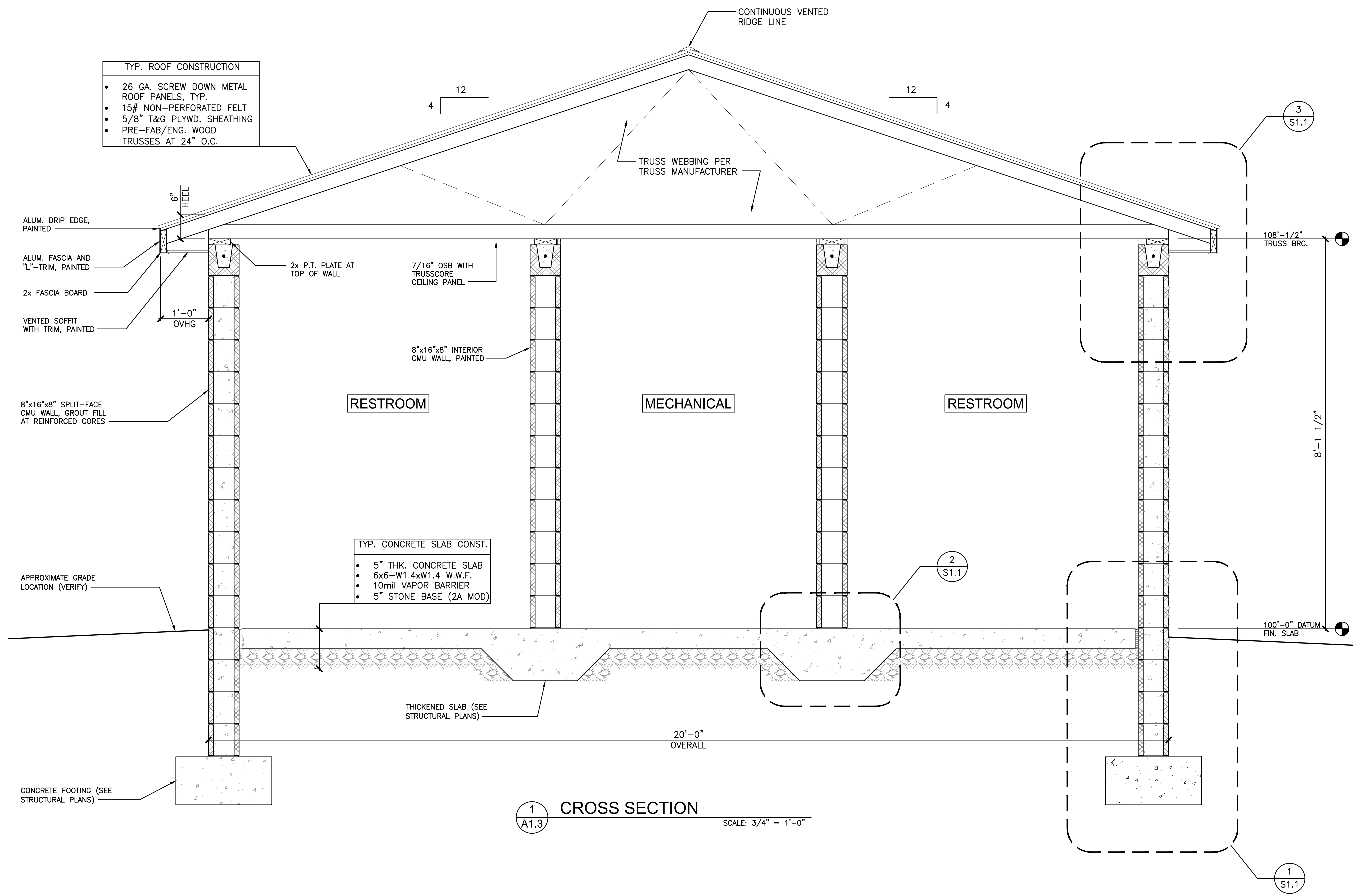
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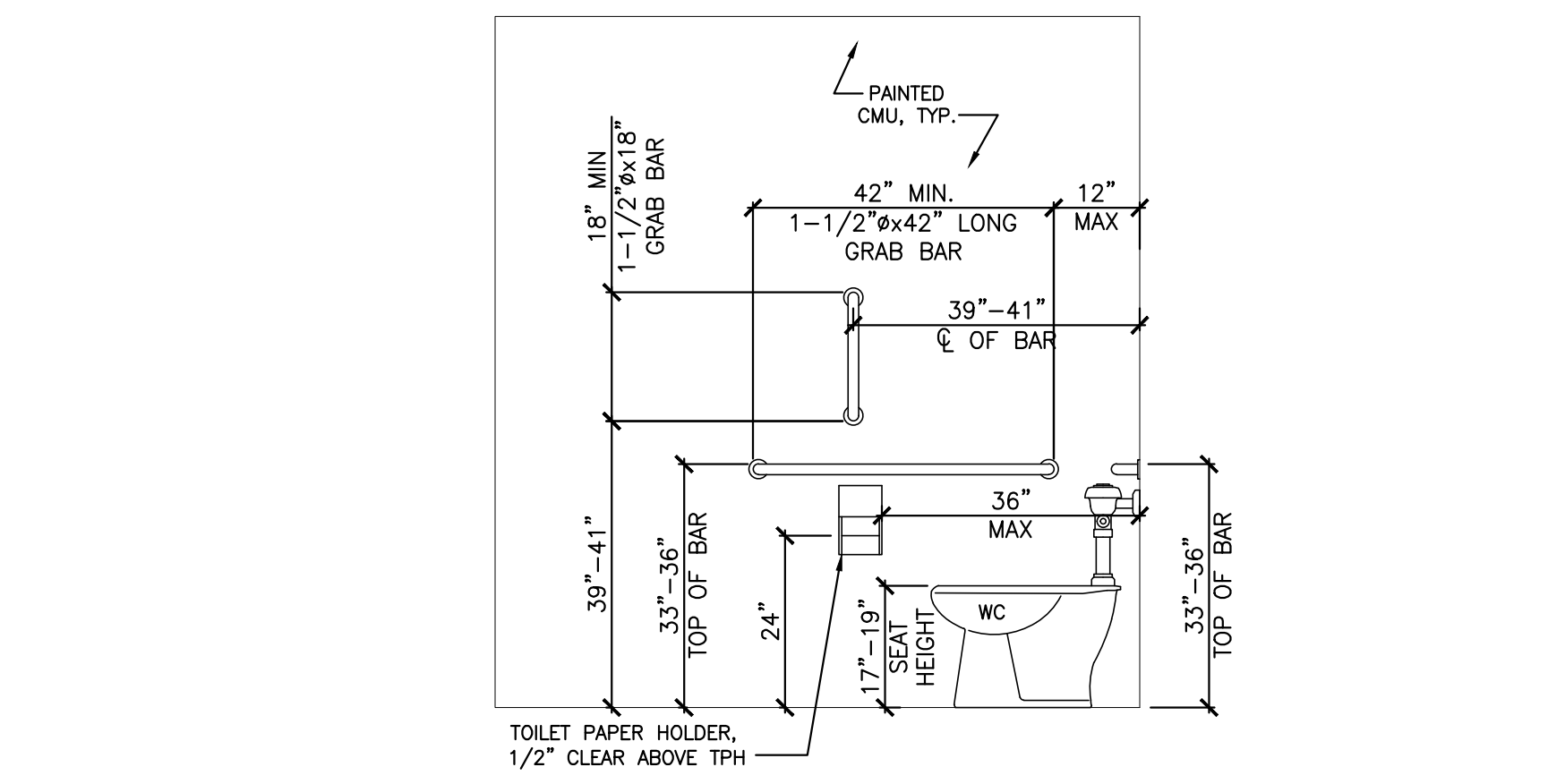


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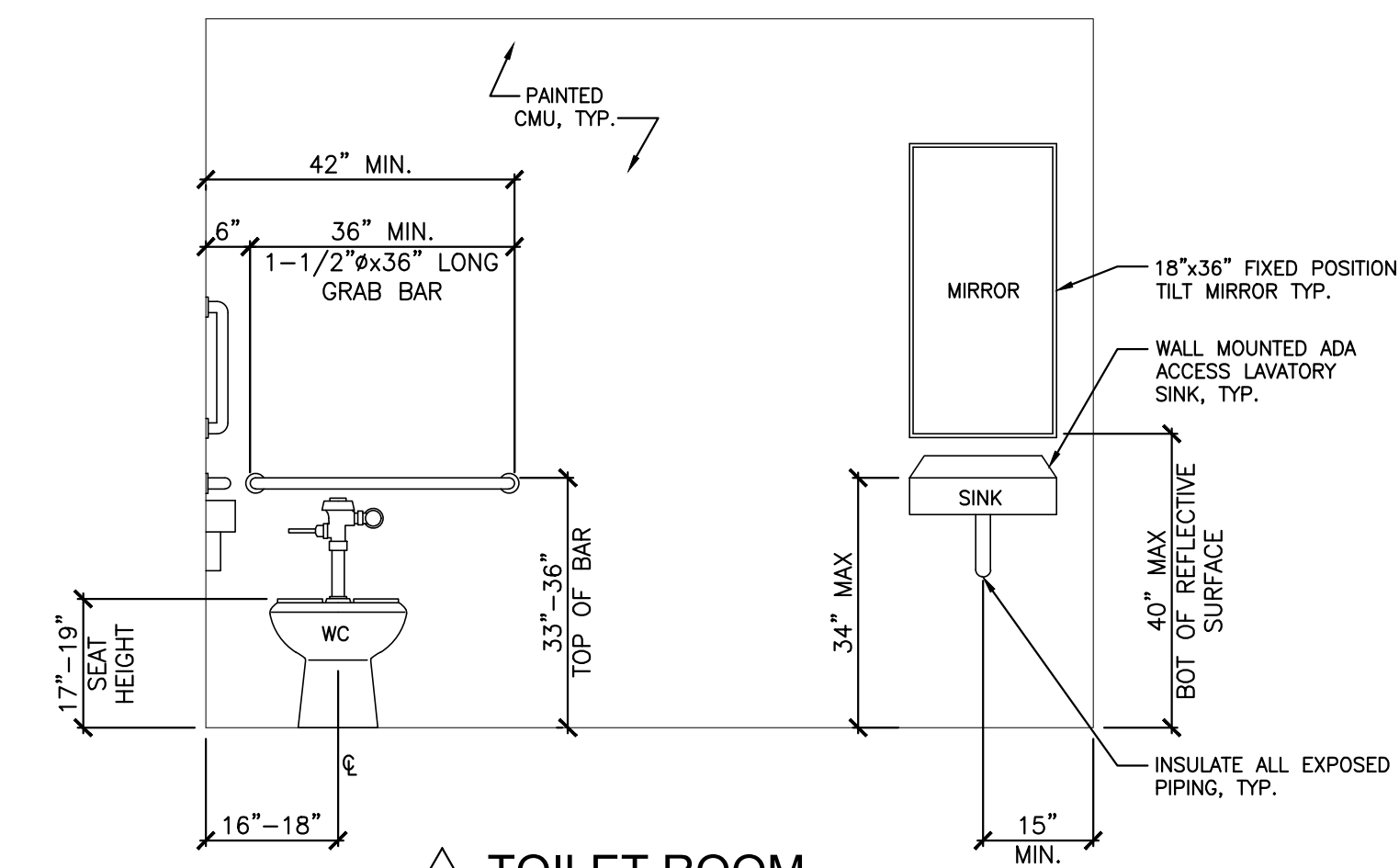
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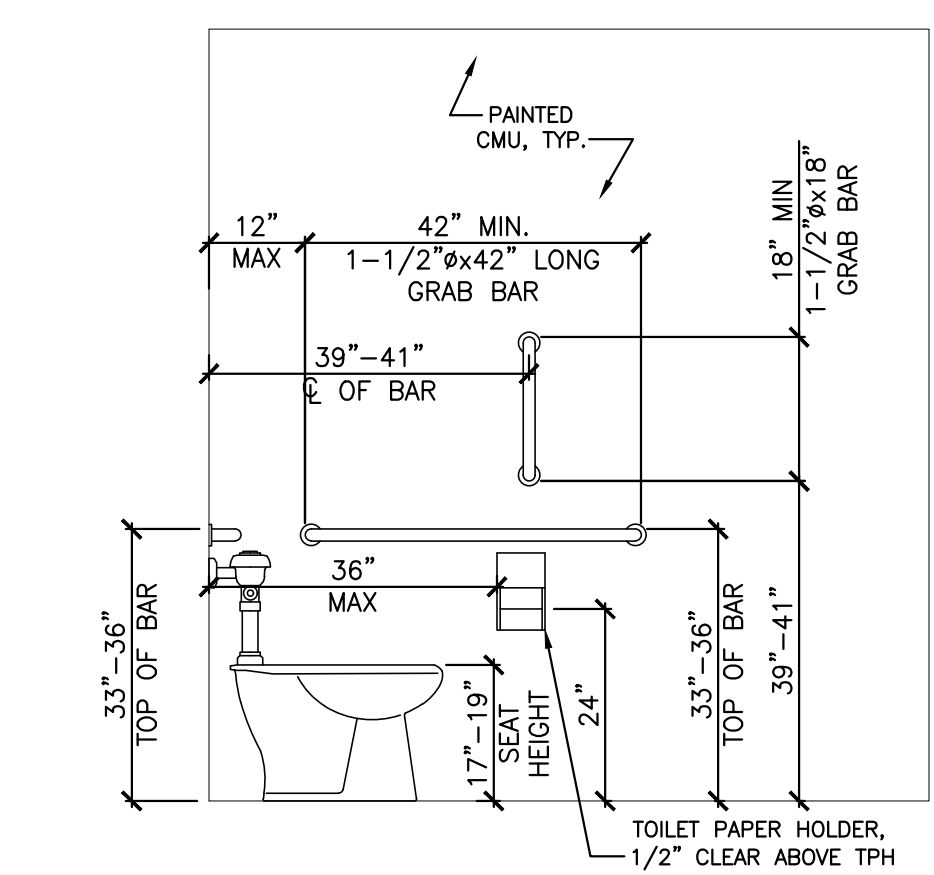
1 CROSS SECTION SCALE: 3/4" = 1'-0"



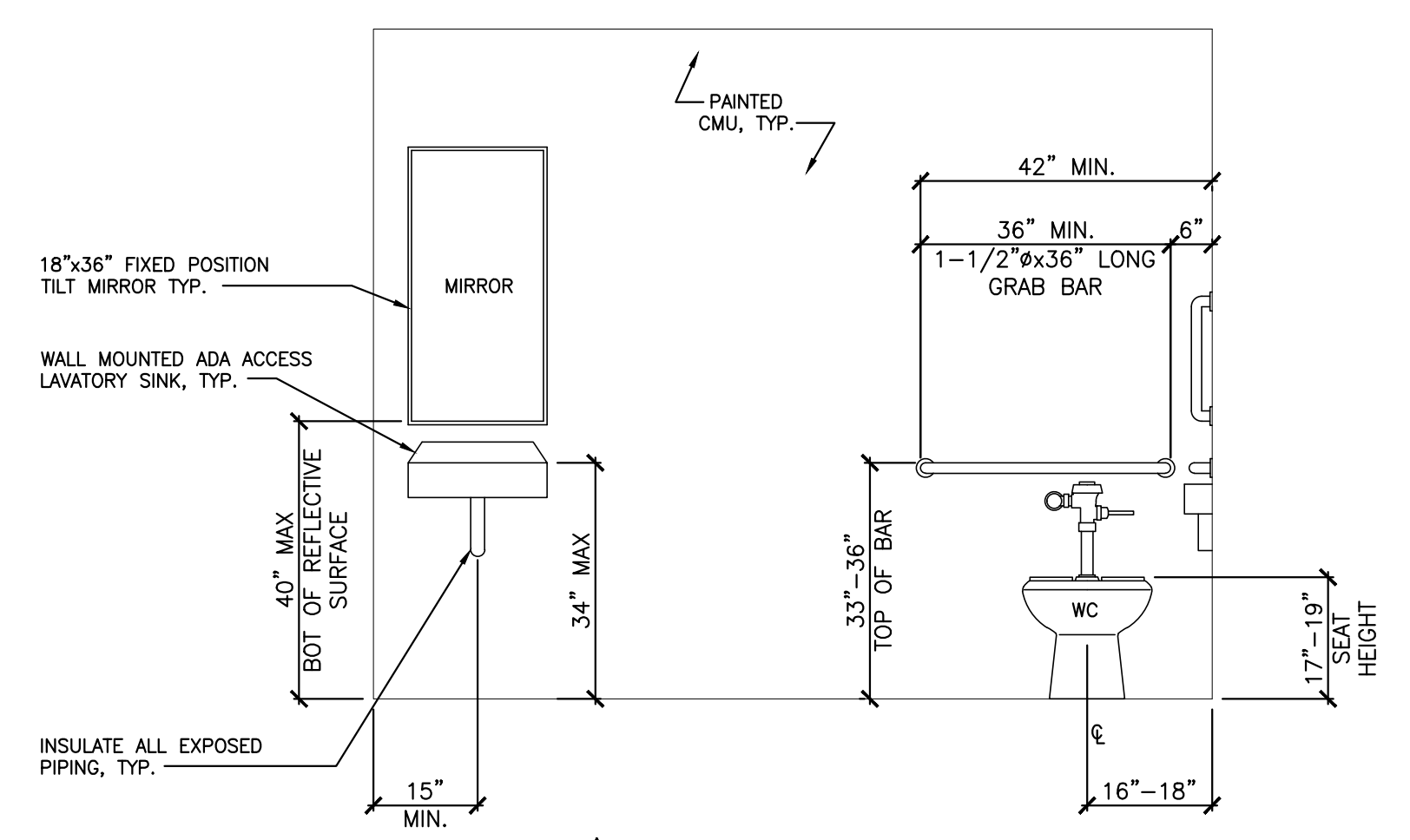
A TOILET ROOM



B TOILET ROOM



C TOILET ROOM



D TOILET ROOM

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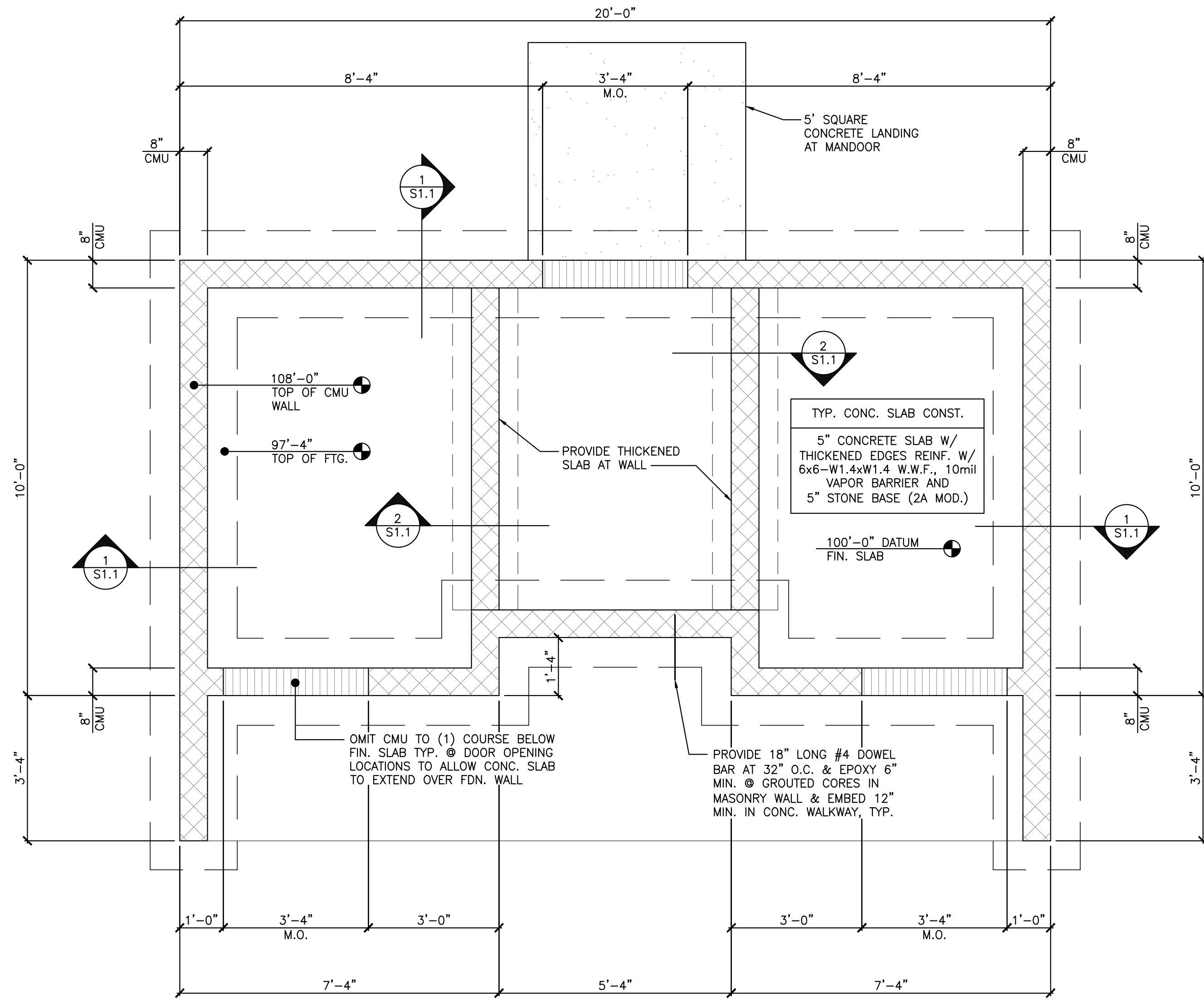
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 DRAWN BY: T.S.F.
 DATE:
 DRAWING DESCRIPTION:
RESTROOM CROSS SECTION
 DRAWING No.: **A 1.3**

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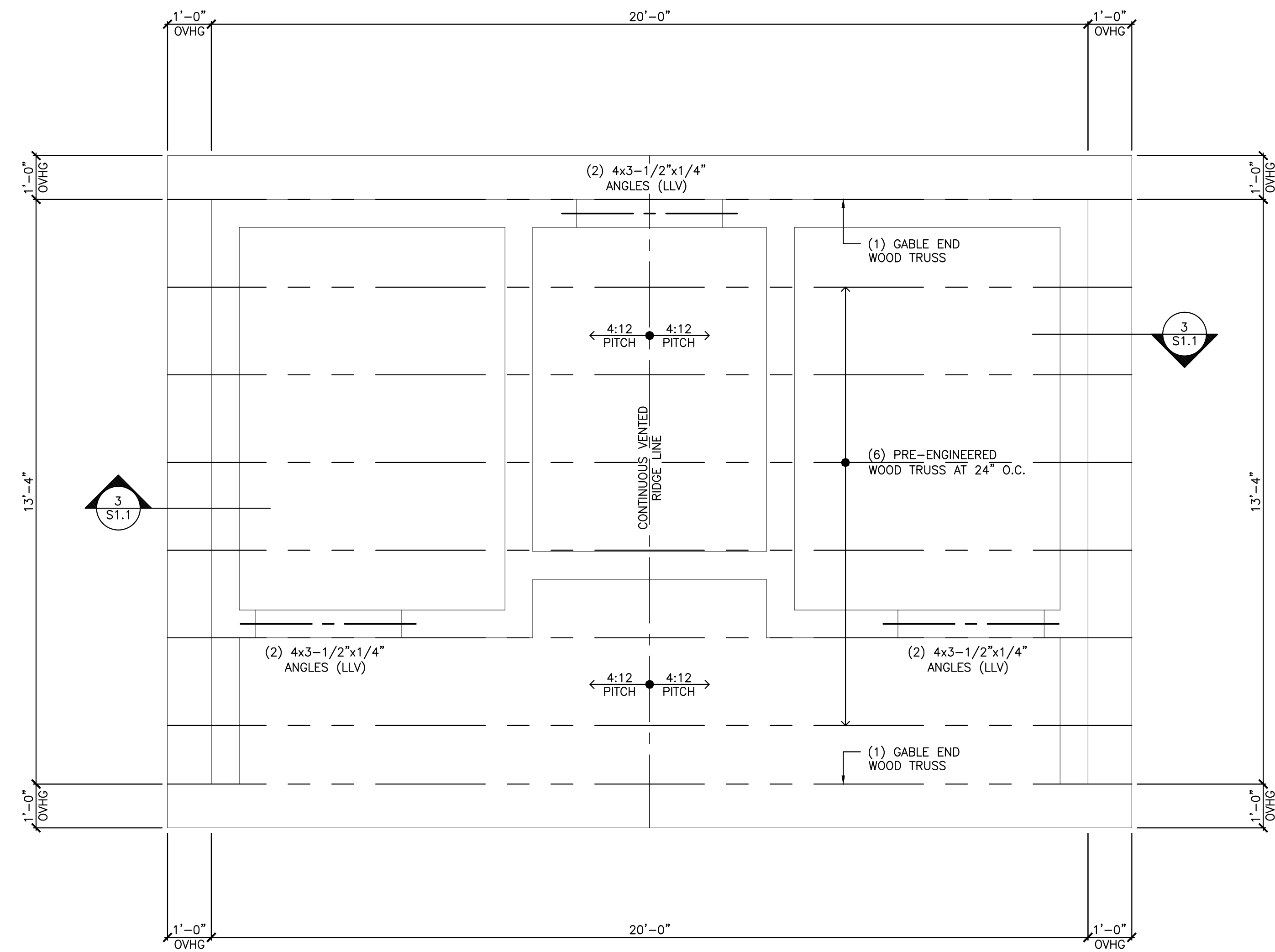
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 BOROUGH OF McCLURE SNYDER COUNTY, PA



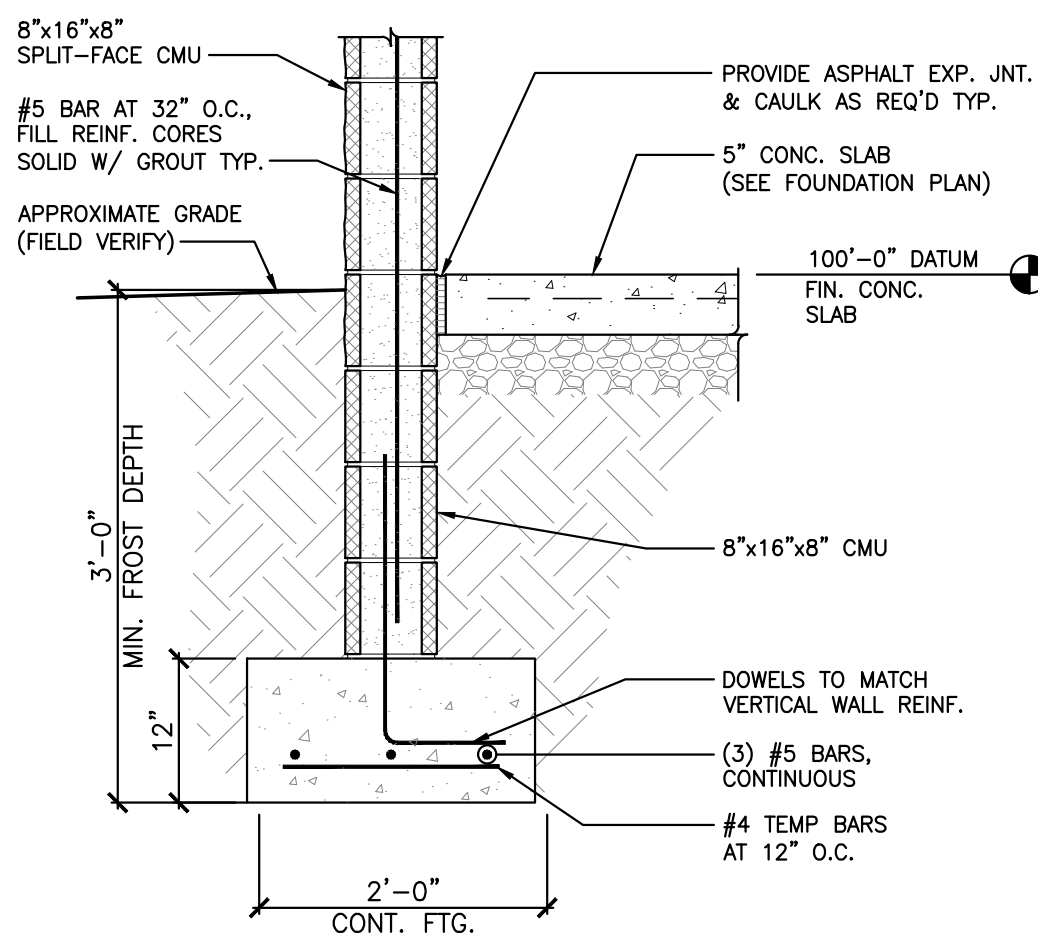
FOUNDATION PLAN

SCALE: 1/2" = 1'-0"



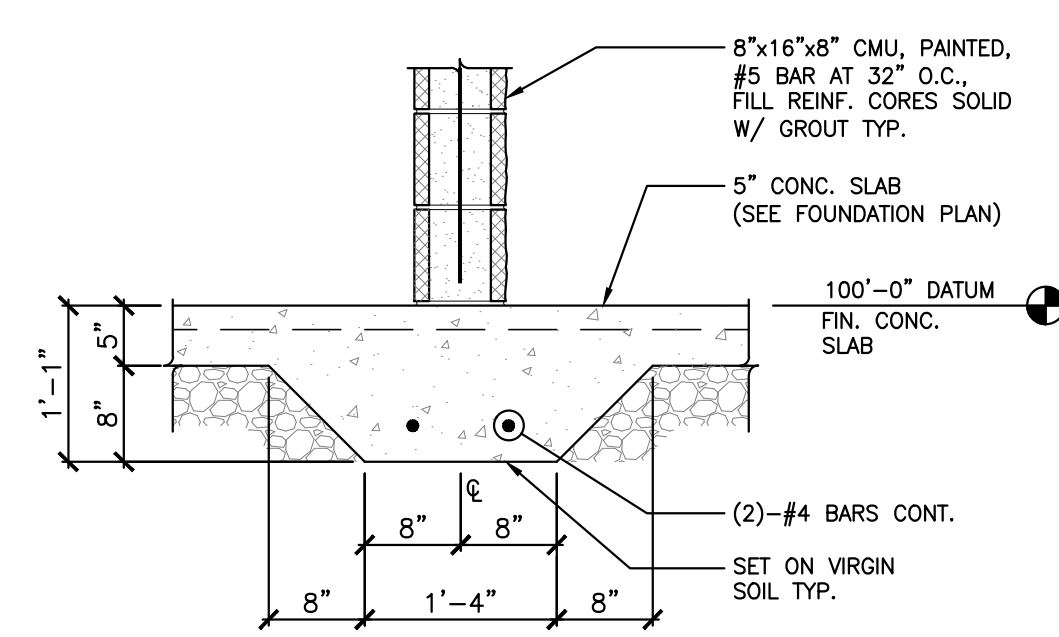
ROOF FRAMING PLAN

SCALE: 1/2" = 1'-0"



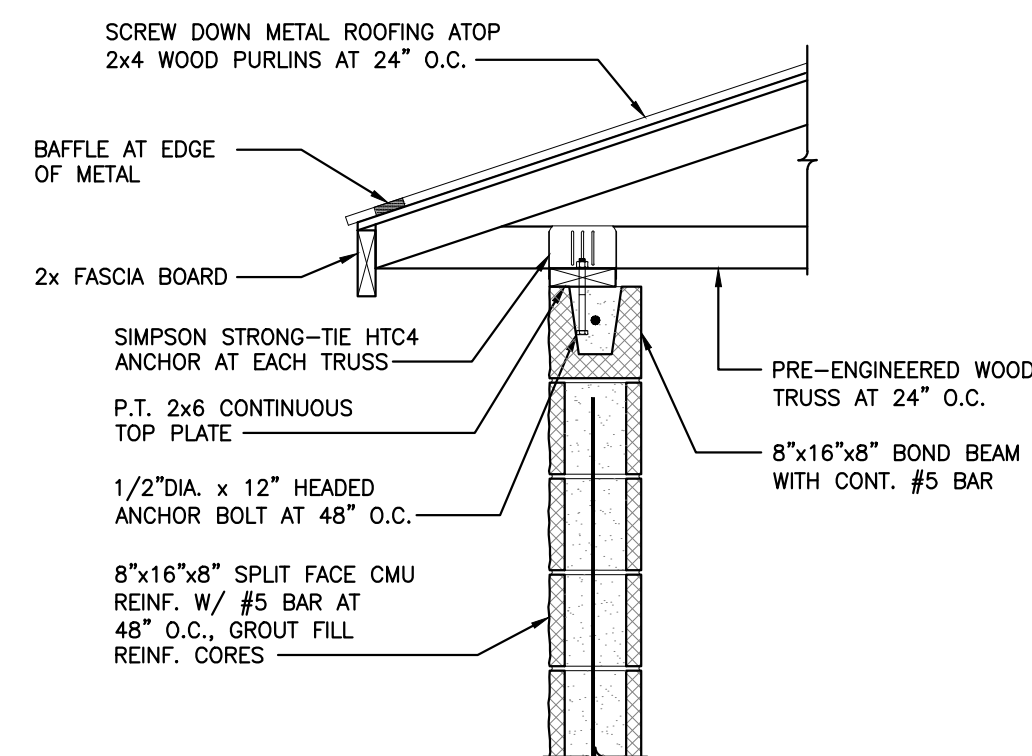
1 S1.1 EXTERIOR WALL AT FOOTING

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



2 S1.1 INTERIOR WALL AT CMU WALL

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



3 S1.1 EXTERIOR WALL AT TRUSS BEARING

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

TRUSS DESIGN CRITERIA	
TRUSS ROOF LOADING:	
	SLOPED AREAS
TOP CHORD LL	25 PSF
TOP CHORD DL	10 PSF
BOT. CHORD LL	5 PSF (NO STORAGE)
BOT. CHORD DL	5 PSF
TOTAL LOAD	45 PSF
MINIMUM LOADINGS CITED ABOVE SHALL BE INCREASED AS REQ'D TO COMPENSATE FOR REGIONAL, LOCALIZED, & DRIFT LOADING CONDITIONS.	
SUBMIT STAMPED SHOP DRAWINGS (PA. STATE REGISTERED ENGINEER) OF ALL TRUSS TYPES FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION. ERECT, BRACE, AND ANCHOR IN ACCORDANCE WITH T.P.I. PRACTICES AND PROCEDURES MAINTAIN WEB CONFIGURATIONS ON ADJACENT TRUSS TYPES TO ACCOMMODATE ROUTING OF MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS. TRUSS MEMBER SIZE, SPECIES, GRADE, AND WEB CONFIGURATION PER TRUSS MANUFACTURER	

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PROJECT REVISION		
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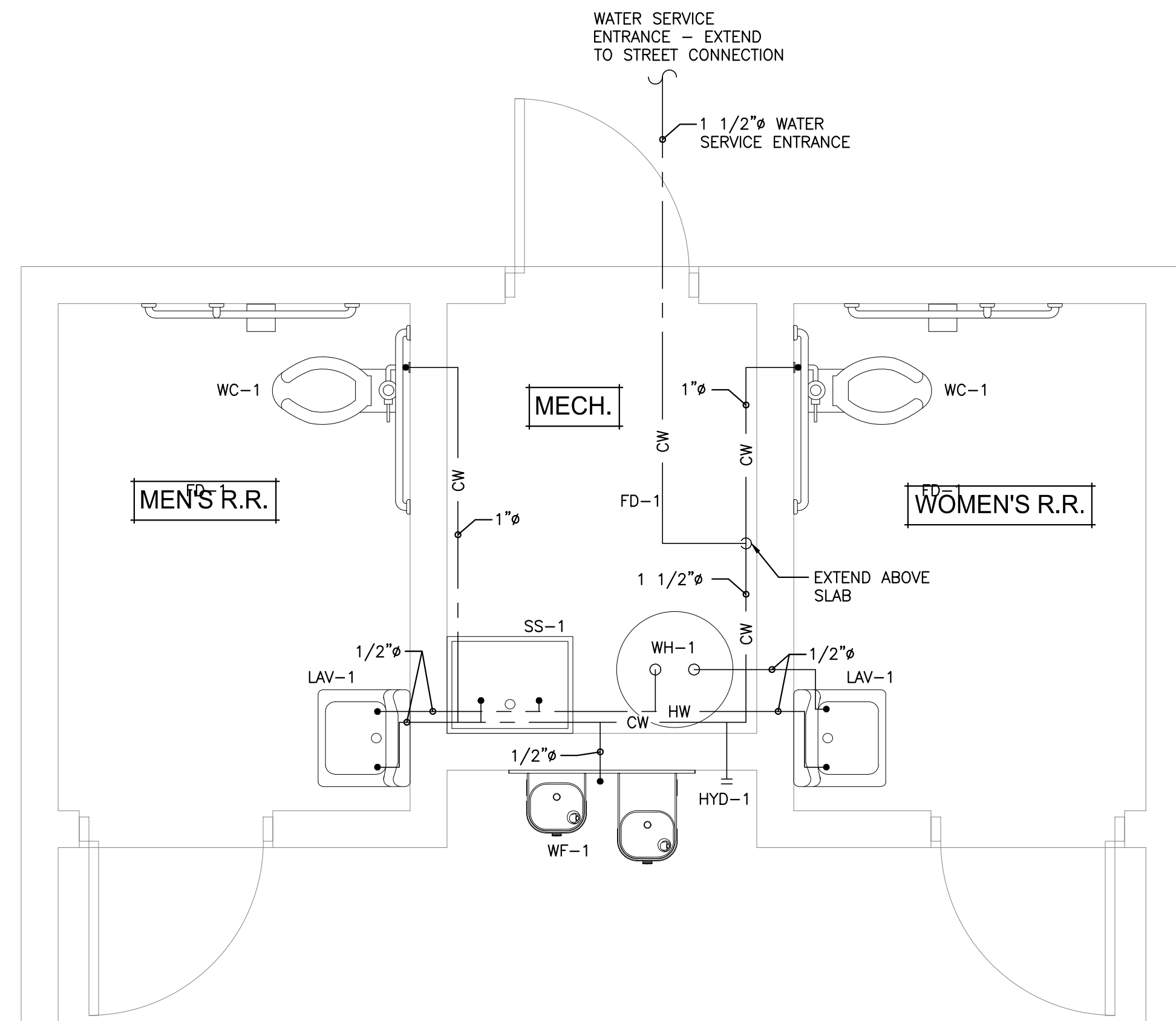
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RESTROOM/PAVILION/ADA RAMP for McCLURE STATION PARK
 BOROUGH OF McCLURE SNYDER COUNTY, PA

PROJECT No: 21085_01_01
 SCALE: AS NOTED
 DRAWN BY: T.S.F.
 DATE:
 DRAWING DESCRIPTION:
 RESTROOM FOUND./ROOF FRAM.

DRAWING No.: **S 1.1**



WATER SUPPLY PLAN

SCALE: 1/2" = 1'-0"

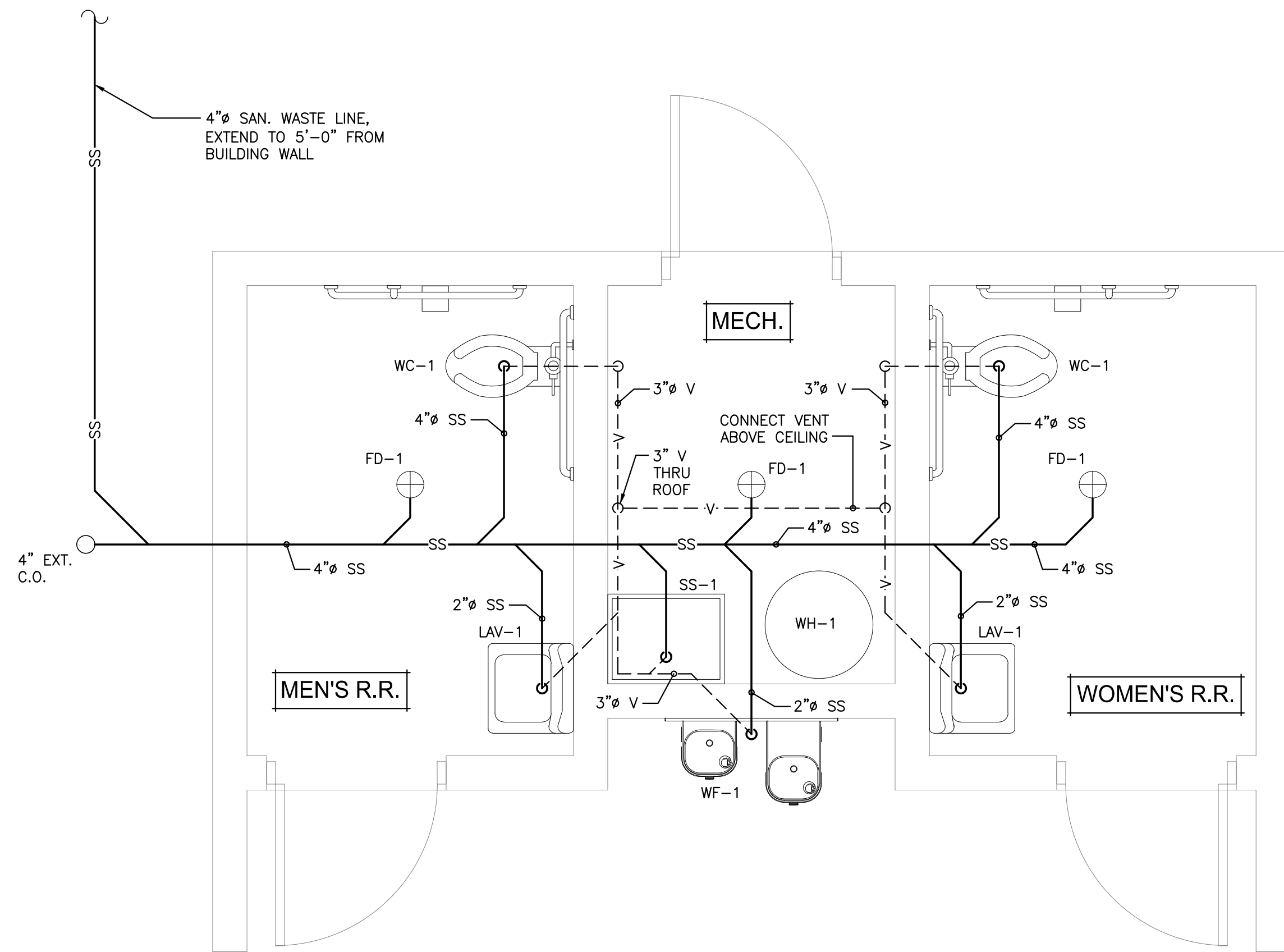
PLUMBING SPECIFICATIONS

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE IBC CODE, LAG, NFPA AND ALL LOCAL CODES. BID PRICE SHALL BE FOR A COMPLETE AND FULLY FUNCTIONAL PLUMBING SYSTEM.
2. IF ANY OF THE WORK CONFLICTS WITH SAID CODES AND REGULATIONS, THE CONTRACTOR SHALL MAKE SUCH CHANGES AS ARE REQUIRED WITHOUT ADDITIONAL COST TO THE OWNER.
3. THE DRAWINGS ARE DIAGRAMATIC AND ARE INTENDED TO PROVIDE A UNIFORM BASIS FOR DESIGN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE HIS OWN SURVEY, ESTABLISH GRADES AND ELEVATIONS, CHECK INTERFERENCES AND VERIFY ALL DIMENSIONS AND LOCATIONS IN THE FIELD.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS, FEES AND INSPECTIONS REQUIRED TO COMPLETE THE PLUMBING WORK.
5. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR WRITTEN APPROVAL ALL FIXTURES, INSULATION AND PLUMBING SPECIALTIES.
6. ALL WORK SHALL BE GUARANTEED FREE OF DEFECTS IN MATERIAL, DESIGN OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF WORK.
7. ALL WORK AND EXECUTION OF SAME SHALL BE COMPLETED IN A FIRST CLASS WORKMANLIKE MANNER AND SHALL CONFORM TO THE BEST MECHANICAL PRACTICE.
8. PIPING INSULATION SHALL BE ARMSTRONG ARMAFLEX AP. INSULATION SHALL BE PROVIDED IN ACCORDANCE WITH IECC 2009 FOR WATER DISTRIBUTION PIPING AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. PROVIDE INSULATION WITH SELF ADHERING BEAMS. PIPING FROM 1/2" TO 2" SHALL BE INSULATED WITH MINIMUM 1" OF INSULATION. PIPING 2" AND LARGER SHALL BE INSULATED WITH MINIMUM 1 1/2" OF INSULATION.
9. ALL PIPE, PIPE FITTINGS AND JOINTS SHALL BE OF TYPES AS REQUIRED BY CODE.
 - A. DOMESTIC WATER SERVICE IS TO BE TYPE K COPPER.
 - B. SOIL, WASTE AND VENT PIPING SHALL BE DWV PVC PLASTIC PIPE AND FITTINGS AS APPROVED BY LOCAL AUTHORITY.
 - C. HOT & COLD WATER PIPING DISTRIBUTION IN THE BUILDING SHALL BE TYPE 'L' COPPER, ASTM B-88 WITH SWEATED JOINTS. SOLDER SHALL BE LEAD FREE OR APPROVED NSF RATED PLASTIC PIPE, VERIFY WITH AUTHORITY PRIOR TO BIDDER.
10. ALL PIPING SYSTEMS SHALL BE TESTED AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
11. ALL DOMESTIC WATER PIPING SHALL BE STERILIZED IN ACCORDANCE WITH THE LATEST A.W.W.A. STANDARD.
12. PERFORM ALL CONSTRUCTION CUTTING, PATCHING, EXCAVATION AND BACKFILL NECESSARY FOR THE PLUMBING WORK.
13. THE WORK TO BE PERFORMED UNDER THE PLUMBING CONTRACTOR CONSISTS OF FURNISHING ALL LABOR AND MATERIAL FOR THE COMPLETE INSTALLATION, BUT NOT LIMITED TO THE FOLLOWING.
 - A. SANITARY SEWER:
 1. THE SANITARY SEWER SHALL INCLUDE PIPING COLLECTION FROM ALL SOIL AND WASTE DRAINS WITH VENTS AND COMPLETE PIPING INSIDE THE BUILDING TO 8'-0" OUTSIDE THE BUILDING AND CONNECT TO THE SANITARY SEWER PROVIDED BY THE SITE CONTRACTOR. FIELD VERIFY LOCATION AND SIZE OF SITE CONTRACTORS SANITARY LATERAL PRIOR TO CONSTRUCTION.
 2. 4 INCH PIPE AND LARGER SANITARY SEWER LATERALS SHALL BE RUN AT A MINIMUM OF 1/8 INCH PER FOOT SLOPE. 3 INCH AND SMALLER SANITARY SEWER LATERALS SHALL BE RUN AT A MINIMUM OF 1/4 INCH PER FOOT SLOPE.
 - B. DOMESTIC WATER DISTRIBUTION:
 1. A COMPLETE HOT & COLD WATER PIPING SYSTEM SHALL BE EXTENDED FROM EXISTING SERVICE AND DISTRIBUTION PIPING TO ALL FIXTURES AND EQUIPMENT.
 2. ALL SOLDER AND MATERIALS USED ON DOMESTIC WATER SYSTEMS SHALL BE LEAD FREE.
14. WATER HAMMER ARRESTORS SHALL BE INSTALLED AS RECOMMENDED BY MANUFACTURER AND SHALL BE ZURN MODEL Z-1700.
15. PROVIDE STEEL PIPE SLEEVES IN MASONRY WALL PENETRATIONS AND SHEET METAL SLEEVES (TIGHTLY FITTED TO THE CUT OPENING) IN WOOD PENETRATIONS. SEAL ALL PENETRATIONS WEATHER TIGHT.
16. PROVIDE SHOP DRAWING SUBMITTALS FOR ALL FIXTURES AND WATER HEATERS INCLUDING WARRANTIES, GUARANTEES AND OWNERS OPERATIONS AND MAINTENANCE MANUALS.

PLUMBING GENERAL NOTES:

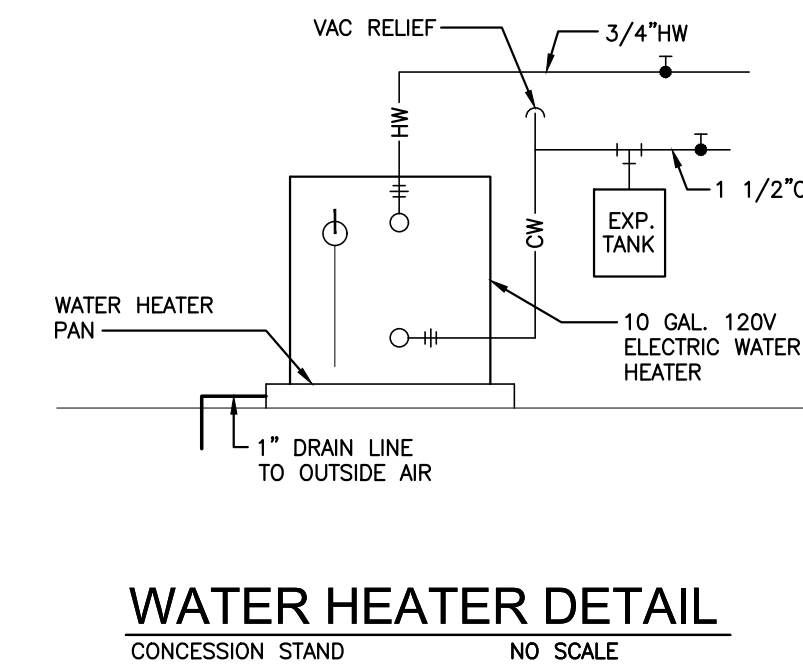
- (ALL GENERAL NOTES REFER TO ALL P DRAWINGS.)
1. EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
 2. CONTRACTOR SHALL FIELD VERIFY INVERT ELEVATIONS OF SEWERS TO WHICH NEW WASTE LINES ARE TO BE CONNECTED BEFORE MAKING UP OR INSTALLATION OF WASTE SYSTEM.
 3. CONTRACTOR SHALL VERIFY AND COORDINATE LOCATION OF ALL PLUMBING LINES WITH ALL OTHER TRADES AND ELECTRICAL SERVICES.
 4. THE INSTALLATION OF ALL VALVES, UNIONS, THERMOMETERS, GAUGES, OR OTHER INDICATING OR RECORDING EQUIPMENT, OR SPECIALTIES REQUIRING FREQUENT READING, REPAIRS, ADJUSTMENT, INSPECTION, REMOVAL OR REPLACEMENT SHALL BE CONVENIENTLY AND ACCESSIBLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING.
 5. ALL VENTS THROUGH ROOF SHALL BE 10'-0" REMOVED FROM ALL AIR INTAKES.
 6. WHERE POSSIBLE, TIE THE VENTS TOGETHER SO THAT A MINIMUM NUMBER TERMINATE THROUGH THE ROOF.
 7. CONTRACTOR SHALL NOT CUT HOLES IN STRUCTURAL MEMBERS WITHOUT FIRST SECURING WRITTEN APPROVAL FROM THE ENGINEER.
 8. CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
 9. CONTRACTOR SHALL ROUGH-IN ALL WASTES AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURERS SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALVED.
 10. CONTRACTOR SHALL PROVIDE FIRE STOP CAULKING AROUND ALL DUCT AND PIPE PENETRATIONS THROUGH ALL FIRE RATED FLOORS AND WALLS.
 11. ALL HOT & COLD WATER PIPING RUN OUTS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
 12. ALL HOT & COLD WATER DISTRIBUTION PIPING FEEDING MORE THAN ONE FIXTURE SHALL BE NO LESS THAN 3/4" UNLESS OTHERWISE NOTED.
 13. ALL DOMESTIC WATER PIPING SHALL BE INSULATED IN ACCORDANCE WITH IBC 2009 ENERGY CODE.
 14. ALL PIPING SHALL BE SECURED AS REQUIRED.
 15. PROVIDE TRENCHING AND CLEAN BACKFILL AS REQUIRED.
 16. INSTALL SUFFICIENT UNIONS IN PIPING SYSTEMS TO ALLOW SERVICE OF ANY CONNECTED EQUIPMENT WITHOUT BREAKING FITTINGS OR CUTTING PIPING.
 17. DO NOT RUN PIPING OVER ELECTRICAL EQUIPMENT.
 18. PROVIDE SUFFICIENT CLEARANCE FOR MAINTENANCE AND OPERATION FOR PLUMBING EQUIPMENT.
 19. PIPING INSTALLED ABOVE CEILING SHALL BE BELOW THE VAPOR BARRIER & ROOF INSULATION.
 20. PROVIDE SHUT-OFF VALVES FOR ALL DOMESTIC WATER CONNECTIONS TO FIXTURES AND EQUIPMENT.

TAG	ITEM	PIPE CONN. SIZES				MANUFACTURER	MODEL	NOTES
		WASTE	VENT	CW	HW			
WC-1	ADA FLUSH VALVE WATER CLOSET	4"	2"	1"	-	KOHLER	KOHLER "HIGHCLIFF ULTRA" K-86057-0 ELONGATED BOWL, 1.28 GALLON FLUSH, PROVIDE KOHLER MODEL K-76321-CP FLUSH VALVE, PROVIDE SUPPLIES, STOPS, TRAPS, ESCUTCHEONS, SEAT TO BE KOHLER STRONGHOLD K-4731-C-0. COLOR WHITE	-
LAV-1	ADA LAVATORY	2"	1 1/2"	1/2"	1/2"	KOHLER	KOHLER "CHESAPEAKE" MODEL K-1728-0 WALL MOUNTED/CONCEALED ARM CARRIER, W/K-7404-2N-CP FAUCET W/ STD. HANDLES. PROVIDE SUPPLIES, STOPS, TRAP, STRAINER, AND ESCUTCHEONS AS REQ'D FOR COMPLETE INSTALLATION. COLOR WHITE. PROVIDE PIPE COVERS BY TRUEBRO FOR ADA.	-
FD-1	FLOOR DRAIN	3"	2"	-	-	ZURN	ZURN MODEL Z-415 W/ TYPE B STRAINER. ADJUSTABLE FLOOR CLEANOUT FULL SIZE OF LATERAL. PROVIDE W/ 5" DEEP SEAL TRAP.	-
CO-1	CLEANOUT	FULL SIZE	-	-	-	ZURN	ZURN MODEL Z-1400, ADJUSTABLE FLOOR CLEANOUT. FULL SIZE OF LATERAL.	-
WF-1	WATER FOUNTAIN	2"	1 1/2"	1/2"	-	HALSEY TAYLOR	HALSEY TAYLOR NO. HTHBHVR8BL-NF, HYDROBOOST VANDAL-RESISTANT BOTTLE FILLING STATION AND BI-LEVEL ADA COOLER NON-FILTERED 8 GPH, STAINLESS STL. PROVIDE SUPPLIES, TRAP, ETC. FOR A COMPLETE ADA COMPLIANT INSTALLATION.	-
SS-1	SERVICE SINK	2"	1 1/2"	1/2"	1/2"	ELKAY	ELKAY ESSW2520C WALL SERVICE COMMERCIAL SINK, 14GA, 304 STAINLESS STL. W/ WALL MTD. FAUCET, BUCKET HOOK, THREADED SPOUT, GRID DRAIN, AND CAST IRON P-TRAP FOR FLOOR MOUNTING	-
HYD-1	HYDRANT	-	-	3/4"	-	ZURN	ZURN Z-1320 ENCASED NON-FREEZE WALL HYDRANT - KEYED, VANDAL RESISTANT, ANTI-SIPHON, AUTO DRAINING W/ BUILT-IN BACKFLOW.	-
W.H.-1	WATER HEATER	-	-	3/4"	3/4"	A.O. SMITH	A.O. SMITH MODEL EJC-10, 10 GALLON CAPACITY, (1) 1650 WATT ELEMENT.	-



SANITARY WASTE AND VENTING

SCALE: 1/2" = 1'-0"



WATER HEATER DETAIL
CONCESSION STAND NO SCALE

PLUMBING SYMBOLS

- SS SANITARY SEWER WASTE PIPING
- CW COLD WATER SUPPLY & SERVICE PIPING (CW)
- HW HOT WATER SUPPLY PIPING (HW)
- V WASTE VENT PIPING (V)
- PIPE UP
- PIPE DOWN
- WH WALL HYDRANT
- CO CLEAN OUTS - HORIZ. & VERT.
- FD FLOOD DRAIN TYPE PER SCHEDULE

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**RESTROOM/PAVILION/ADA RAMP
for McCURE STATION PARK**
BOROUGH OF McCURE
SNYDER COUNTY, PA

PROJECT No: 21085_01_01
SCALE: AS NOTED
DRAWN BY: T.S.F.
DATE:
DRAWING DESCRIPTION:
RESTROOM
PLUMBING PLAN

DRAWING No.: **P 1.1**

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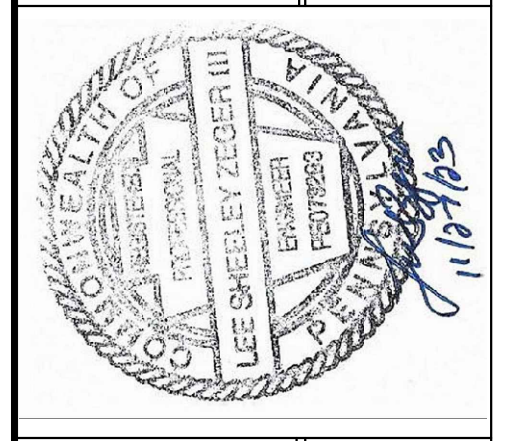
NO. DATE
 1 07/29/24

PROJECT: RESTROOM ELECTRICAL PLAN
 LOCATION: RESTROOMS
 DRAWN BY: T.S.F.
 CHECKED BY: T.S.F.
 DATE: 07/29/24

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**RESTROOM/PAVILION/ADA RAMP
 for McCCLURE STATION PARK**

**BOROUGH OF McCCLURE
 SNYDER COUNTY, PA**

PROJECT No: 21085_01_01
 SCALE: AS NOTED
 DRAWN BY: T.S.F.
 DATE:
 DRAWING DESCRIPTION:
**RESTROOM
 ELECTRICAL PLAN**
 DRAWING No.:
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ELECTRICAL SPECIFICATIONS

GENERAL
 PROVIDE ALL NECESSARY LABOR AND MATERIALS FOR THE INSTALLATION OF A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM IN THE NEW BUILDING AS FOLLOWS:
 PROVIDE ELECTRICAL SERVICE, PANEL BOARD (LOAD CENTERS) FOR THE BUILDING AS INDICATED ON THE DRAWINGS.
 PROVIDE LIGHTING FIXTURES AND CONTROLS AS INDICATED.
 PROVIDE ALL EMERGENCY LIGHTING AND EXIT LIGHTS AS INDICATED.
 PROVIDE ALL GENERAL PURPOSE RECEPTACLES, BOXES, OVER PLATES AND RELATED BRANCH CIRCUIT WIRING.

STANDARDS AND QUALITY
 ALL EQUIPMENT SHALL BE UL LISTED.
 THE PLAN REVIEW REQUIRED FOR THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR INCLUDING ALL RELATED COSTS, DELIVERIES AND PICK-UP, AND THE REPRODUCTION OF ALL CONTRACT DOCUMENTS, AND NOTIFYING THE PROFESSIONAL OF ALL REVIEW COMMENTS.
 ALL WORK SHALL BE INSPECTED BY A RECOGNIZED INSPECTION AGENCY.
 THE CONTRACTOR SHALL INSTALL ALL HARDWARE AND EQUIPMENT IN A NEAT AND PROFESSIONAL MANNER, AND SHALL REMOVE ALL DEBRIS AND TRASH RESULTING FROM THE ELECTRICAL INSTALLATION AT THE CONCLUSION OF THE JOB OR WHEN DIRECTED BY THE PROFESSIONAL OR OWNER.

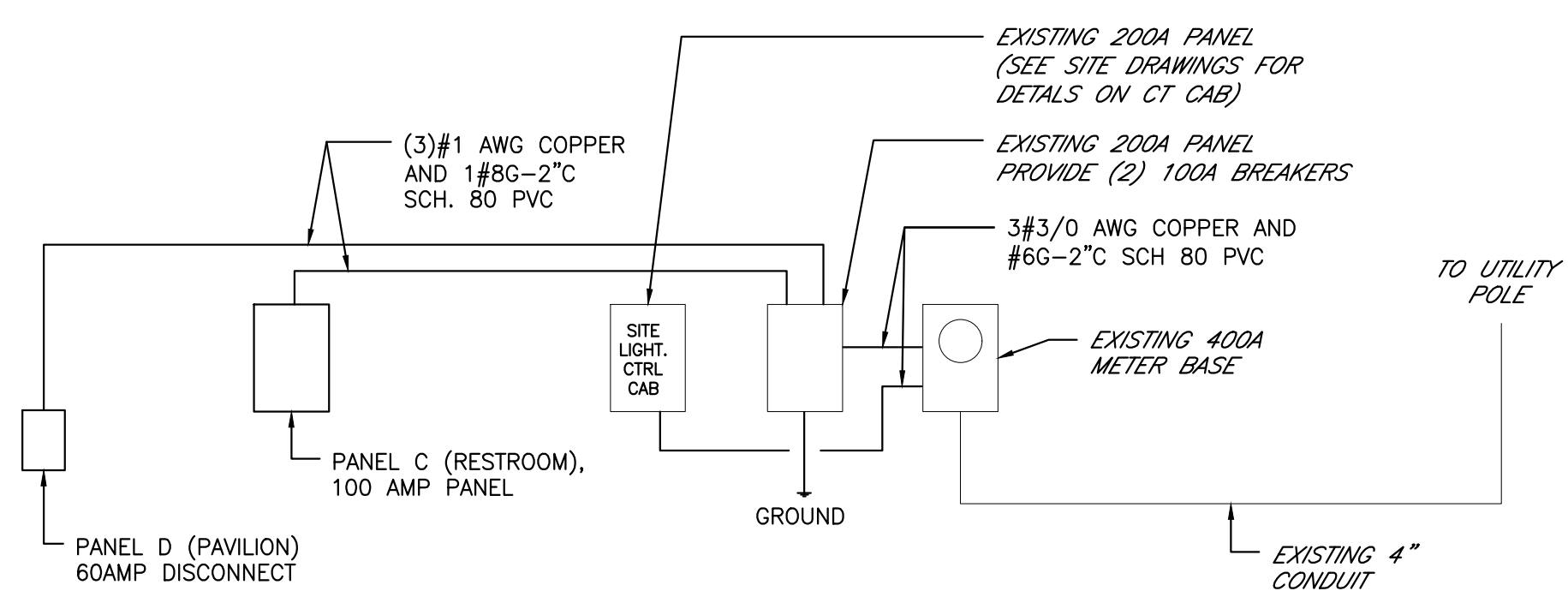
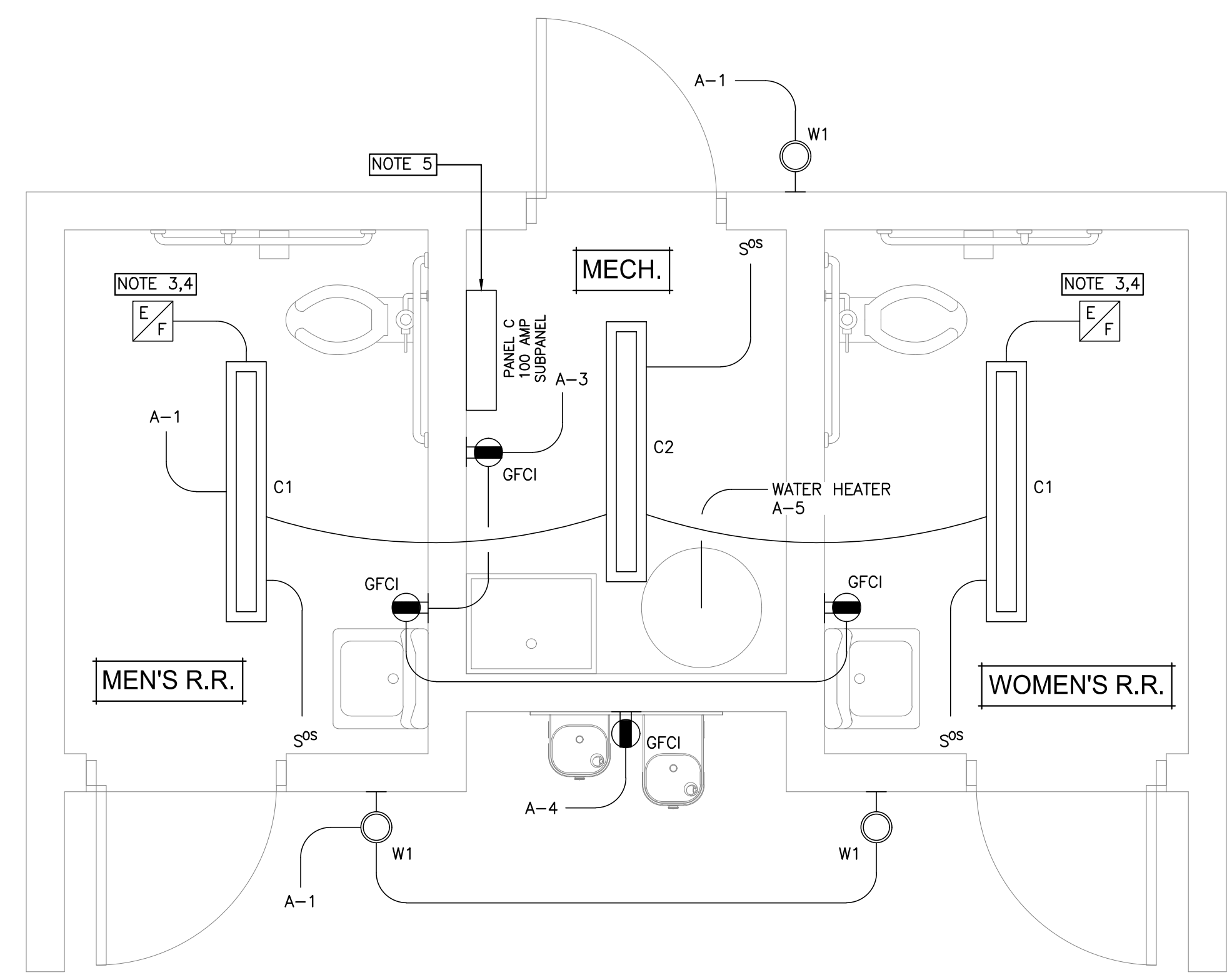
ALL WORK SHALL BE BASED ON THE 2014 N.E.C. NFPA 70 AND ICC 2015 ELECTRICAL WORK SHALL BE DONE BY NECA 1-2010 STANDARD FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION.
 THE CONTRACTOR SHALL INSTALL ALL HARDWARE AND EQUIPMENT IN A NEAT AND PROFESSIONAL MANNER, AND SHALL REMOVE ALL DEBRIS AND TRASH RESULTING FROM THE ELECTRICAL INSTALLATION AT THE CONCLUSION OF THE JOB OR WHEN DIRECTED BY THE PROFESSIONAL OR OWNER.
UNDERGROUND WORK:
 ALL UNDERGROUND WORK SHALL BE DONE AS INDICATED ON THE DRAWINGS AND THESE SPECIFICATIONS.
16110 RACEWAYS:
 RACEWAY SYSTEMS AS INDICATED:
 1. EMT RACEWAY, 1/2" MIN.
 2. IMC RACEWAY, 1/2" MIN.
 3. PVC RACEWAY, 1/2" MIN., SCHED 80.
 ALL WIRING SHALL BE INSTALLED IN RACEWAYS OF REQUIRED SIZE. CONDUIT SHALL NOT BE INSTALLED IN FLOOR SLABS UNLESS IT HAS AT LEAST 1-1/2" OF CONCRETE ON ALL SIDES. MC CABLE WILL BE PERMITTED IN LIEU OF RACEWAYS WITH CONDUCTORS IN CERTAIN CASES AS DEFINED IN THESE SPECIFICATIONS.

EMT RACEWAYS SHALL BE USED GENERALLY, EXCEPT IN THE EXTERIOR OF THE BUILDING, IN WET LOCATIONS, UNDERGROUND, WITHIN CONCRETE, WHERE SUBJECT TO DAMAGE OR WHERE PROHIBITED BY THE N.E.C. USE IMC OR SCH. 80 PVC RACEWAYS.
 FITTINGS USED FOR EMT MUST BE COMPRESSION TYPE. USE INSULATED THROAT TYPE FOR SIZES 1-1/2" OR LARGER.
 ALL EMPTY CONDUIT/RACEWAYS SHALL BE EQUIPPED WITH A FISH LINE.
 PRODUCT SUBMITTALS ON RACEWAY ARE NOT REQUIRED, EXCEPT FOR FLEXIBLE CONDUIT.
 FLEXIBLE CARFLEX "NON-METALLIC" LIQUIDTIGHT CONDUIT SHALL BE USED FOR CONNECTIONS TO MOTORS OR EQUIPMENT WITH A MAXIMUM LENGTH OF 36", OR 48" FOR LIGHT FIXTURES. FLEXIBLE CONDUIT SHALL BE 1/2" MINIMUM SIZE.
WIRE AND CABLES:
 ALL WIRING SHALL BE COPPER, THIN/THIN, 90 DEGREES C, SINGLE CONDUCTOR, MINIMUM SIZE #12 FOR POWER AND #14 FOR CONTROLS, EXCEPT FOR SMALLER SIZES SPECIFICALLY NOTED ON THE DRAWINGS.
 MC CABLE WITH STEEL ARMOR AND COPPER CONDUCTORS, THIN/THIN, 90 DEGREES C WILL BE PERMITTED EXCEPT AS FOLLOWS:
 MC CABLE SHALL NOT BE USED:
 WHERE CONDUCTOR SIZE IS GREATER THAN #10; WHERE AMOUNT OF CONDUCTORS (PHASE CONDUCTORS AND NEUTRAL) EXCEED FOUR CONDUCTORS, EXPOSED ON WALLS OR CEILINGS; IN WET LOCATIONS OR EXTERIOR OF THE BUILDING, UNDERGROUND OR IN CONCRETE; OR WHERE PROHIBITED BY THE N.E.C.
 SHORT EXPOSED EXTENSIONS OF MC CABLE NOT OVER 36" IN LENGTH WILL BE PERMITTED FOR CONNECTIONS TO MOTORS OR EQUIPMENT.
 PRODUCT SUBMITTALS ARE REQUIRED ON ALL MC CABLES.

BOXES, FITTINGS AND SUBMOUNTS:
 USES STANDARD PRESS STEEL OUTLET BOXES, EXCEPT USE CAST TYPE OUTLET BOXES IN WET LOCATIONS OR ON THE EXTERIOR OF THE BUILDING.
 JUNCTION, PULL OR TERMINAL BOXES SHALL BE STEEL WITH FACTORY PAINT, NEMA 1 IN DRY, DUST FREE CLEAN ENVIRONMENTS, NEMA 3R WHERE EXPOSED TO RAIN OR MOISTURE, OR NEMA TYPE AS NOTED ON THE DRAWINGS.
 ALL TERMINAL BLOCKS MUST BE RATED AT LEAST 20 AMPERES CONTINUOUS AT 120 VAC, HAVE SCREW TYPE COMPRESSION CONNECTIONS AND BE ARRANGED FOR ON MOUNTING IN TERMINAL BOXES OF ADEQUATE SIZE. TERMINAL BLOCKS MUST BE USED FOR CONNECTIONS TO CONTROL WIRING.
 ALL TERMINAL BOXES, PULL BOXES, JUNCTION BOXES, CABINETS, ETC. SHALL BE LABELED IN A MANNER AS APPROVED BY THE PROFESSIONAL.
 PRODUCT SUBMITTALS ARE REQUIRED ON ALL PRODUCTS.
16141 WIRING DEVICES:
 ALL GENERAL PURPOSE RECEPTACLES SHALL BE 20 AMPERES, 120 VOLTS, AC, HEAVY-DUTY SPECIFICATION GRADE, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR. USE TAMPER-PROOF RECEPTACLES IN THE DWELLINGS.
 ALL LIGHTING CONTROL SWITCHES SHALL BE TOGGLE TYPE 20 AMPERES, 120 VOLTS, AC, HEAVY-DUTY SPECIFICATION GRADE, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR.
 GFCI TYPE RECEPTACLES SHALL BE 20 AMPERES, 120 VOLTS, COMMERCIAL SPECIFICATION GRADE, CLASS A GFCI, AND MUST MEET OR EXCEED ALL LATEST (UL943 (3RD EDITION) AND UL 498 REQUIREMENTS, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR.
 ALL WEATHERPROOF RECEPTACLES TO BE RATED WEATHERPROOF AND WEATHER RESISTANT AND SHALL BE EQUIPPED WITH HINGED COVERS DESIGNED TO CLOSE OVER CONNECTED POWER CORDS. PER N.E.C.
 COVER PLATES TO BE HIGH ABUSE NYLON FOR USE WITH FLUSH MOUNTED OUTLET BOXES AND STEEL FOR SURFACE BOXES.
 CATALOG INFORMATION, DATA SHEETS, ETC. ARE REQUIRED FOR ALL ITEMS INCLUDING COVER PLATES.

MOUNTING HEIGHTS
 42" AFF LIGHT CONTROL SWITCH
 18" AFF OR AS IND'D RECEPTACLES
 ALL MOUNTING HEIGHT SHALL BE AS INDICATED ABOVE UNLESS INDICATED OTHERWISE.
ABBREVIATIONS
 A AMPERE KW KILOWATT
 AFF ABOVE FINISHED FLOOR LTG LIGHTING
 AFG ABOVE FINISHED GRADE MC MECHANICAL CONTRACTOR
 C CONDUIT MTD MOUNTED
 CKT CIRCUIT MTR MOTOR
 DISC DISCONNECT MLD MAIN LUG ONLY
 DN DOWN P POLE
 DWG DRAWING PC PLUMBING CONTRACTOR
 EC ELECTRICAL CONTRACTOR PNL PANELBOARD
 EWC ELECTRIC WATER COOLER PH PHASE
 FT FEET SW SWITCH
 GC GENERAL CONTRACTOR V VOLT
 GND GROUND WP WEATHERPROOF
 HP HORSEPOWER C/B CIRCUIT BREAKER
 JB JUNCTION BOX W/ WITH

16170 GROUNDING
 ALL GENERAL PURPOSE RECEPTACLES SHALL BE 20 AMPERES, 120 VOLTS, AC, HEAVY-DUTY SPECIFICATION GRADE, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR. USE TAMPER-PROOF RECEPTACLES IN THE DWELLINGS.
 ALL LIGHTING CONTROL SWITCHES SHALL BE TOGGLE TYPE 20 AMPERES, 120 VOLTS, AC, HEAVY-DUTY SPECIFICATION GRADE, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR.
 GFCI TYPE RECEPTACLES SHALL BE 20 AMPERES, 120 VOLTS, COMMERCIAL SPECIFICATION GRADE, CLASS A GFCI, AND MUST MEET OR EXCEED ALL LATEST (UL943 (3RD EDITION) AND UL 498 REQUIREMENTS, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR.
 ALL WEATHERPROOF RECEPTACLES TO BE RATED WEATHERPROOF AND WEATHER RESISTANT AND SHALL BE EQUIPPED WITH HINGED COVERS DESIGNED TO CLOSE OVER CONNECTED POWER CORDS. PER N.E.C.
 COVER PLATES TO BE HIGH ABUSE NYLON FOR USE WITH FLUSH MOUNTED OUTLET BOXES AND STEEL FOR SURFACE BOXES.
 CATALOG INFORMATION, DATA SHEETS, ETC. ARE REQUIRED FOR ALL ITEMS INCLUDING COVER PLATES.
16170 GROUNDING
 ALL GROUNDING SHALL BE INSTALLED PER THE LATEST EDITION OF THE N.E.C.
 ALL RACEWAYS INCLUDING FLEXIBLE CONDUIT USED FOR LIGHTING, POWER AND CONTROL WIRING SHALL INCLUDE A GREEN GROUNDING CONDUCTOR.
OCCUPANCY SENSOR TYPES
 (XX) 120 CEILING MOUNTED OCCUPANCY SENSOR-SENSOR SWITCH NR POT 10-1TV (LINE-VOLTAGE 120 V) TEMPERATURE)
 NOTE:
 LOCATE AND MOUNT OCCUPANCY SENSORS AS RECOMMENDED BY THE MANUFACTURER.
SAFETY SWITCHES:
 ALL SAFETY SWITCHES SHALL BE HEAVY-DUTY TYPE 240V CAPABLE OF BEING LOCKED IN THE OFF AND THE ON POSITIONS, AND SHALL BE CONTAINED IN NEMA 1 TYPE ENCLOSURES FOR INDOOR USE, AND IN NEMA 3R OR NEMA 4, FOR OUTDOOR USE.
 SAFETY SWITCHES SHALL INCLUDE A GROUND BAR AND NEUTRAL BAR WHERE A NEUTRAL CONDUCTOR IS USED. PRODUCT SUBMITTALS ARE REQUIRED ON ALL PRODUCTS.
PANELBOARDS/LOAD CENTERS
 LOAD CENTERS TO BE SQUARE D, TYPE GO
 PANELBOARDS SHALL BE SQUARE D, TYPE NQ, UP TO 400A AND USE "I" LINE TYPE ABOVE 400 A. ALL PANELBOARDS/LOAD CENTERS SHALL BE FULLY RATED WITH COPPER BUSING. REFER TO DRAWINGS FOR MORE DETAILS.
16510 INTERIOR LIGHTING FIXTURES
 ALL GENERAL LIGHTING FIXTURES, EMERGENCY LIGHTING AND EXIT LIGHTS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR INCLUDING FURNISHING AND INSTALLING ALL RELATED MOUNTING HARDWARE, PLASTER FRAMES, ADAPTERS, OUTLET BOXES/HANGERS, SUPPORTS, ETC. TO RENDER A COMPLETE INSTALLATION READY FOR OPERATION.
 THE CONTRACTOR SHALL INSURE THAT DRIVE/POWER SUPPLY DISCONNECTING MEANS FOR LED LIGHTING IN ACCORDANCE WITH THE N.E.C. 410.130(g) ARE MET FOR ALL LIGHT FIXTURES USED ON THIS PROJECT.
 REFER TO THE DRAWINGS FOR DETAILS ON GENERAL LIGHTING AND EMERGENCY LIGHTING AND EXIT LIGHTS.
EXCAVATION, BACKFILL AND COMPACTION
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION, BACKFILL, COMPACTION AND SURFACE RESTORATION (MACADAM, CONCRETE DRIVEWAYS, MALPAS, CURBING, ETC.) MAKE REQUIRED PA 1 CALL AND CLEAR ALL SUBSURFACE UTILITIES FOR ALL UNDERGROUND WORK.
 ALL WORK SHALL BE DONE TO THE COMPLETE SATISFACTION OF THE OWNER.
GENERAL NOTES
 ALL CIRCUITS FOR POWER INDICATED SHALL BE 1/2 AND 1/120 (MIN.) WITHIN RACEWAY UNLESS INDICATED OR REQUIRED. (USE MC CABLE ONLY AS APPROVED BY SPECS OR THE DRAWINGS.)
 GENERALLY ALL RACEWAYS, CABLES, AND OUTLET BOXES SHALL BE INSTALLED CONCEALED IN WALLS AND CEILINGS, EXCEPT IN UNFINISHED AREAS WITH EXPOSED CEILINGS THEN USE SURFACE IN WALLS AND CEILINGS, UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
 IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION OF ALL OUTLETS BEFORE ROUGHING IN FOR THE OUTLET. THE OWNER SHALL HAVE THE RIGHT TO RELOCATE ANY OUTLET ON THE PROJECT TEN (10) FEET FROM THE LOCATION INDICATED ON THE PLANS, PRIOR TO ROUGHING IN THE FOR THE OUTLET.
 ALL WIRING AND CABLING SHALL BE PROPERLY MARKED FOR IDENTIFICATION.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF CONSTRUCTION AS REQUIRED TO ACCOMMODATE ALL ELECTRICAL WORK UNDER THIS PROJECT.
 ALL OUTLET BOXES USED ON THE EXTERIOR OF THE BUILDING MUST BE SUITABLE FOR WET LOCATION.
 THE CONTRACTOR SHALL MAINTAIN THE FIRE RATING OF ALL WALLS AND THE CEILINGS, COORDINATE ALL WORK WITH THE GENERAL CONSTRUCTION DRAWINGS AND THE ARCHITECT.
 "THE CONTRACTOR," "THIS CONTRACTOR" OR "CONTRACTOR" WHEN USED ON THE DRAWINGS SHALL BE UNDERSTOOD TO MEAN THE ELECTRICAL CONTRACTOR.
 THE WORD "PROVIDE" WHEN USED ON THE DRAWINGS SHALL BE UNDERSTOOD TO MEAN "FURNISH, INSTALL AND CONNECT".
 ALL EQUIPMENT SUCH AS SAFETY SWITCHES AND PANELBOARDS SHALL BE PROVIDED WITH IDENTIFICATION TAGS INDICATING ITEM "NAME" OR THE "LOAD CONTROLLED" AS DIRECTED BY THE PROFESSIONAL.
 THE MANUFACTURER NAMES AND CATALOG NUMBERS INDICATED ON THE DRAWINGS FOR ELECTRICAL EQUIPMENT ARE TO ESTABLISH QUALITY, PERFORMANCE AND APPEARANCE. THE CONTRACTOR MAY SUBSTITUTE PRODUCTS OF OTHER MANUFACTURERS SO LONG AS THE PRODUCT IS OF EQUAL OR BETTER QUALITY AND PERFORMANCE AS THE SPECIFIED PRODUCT. SHOP DRAWINGS OR CATALOG DATA SHALL BE SUBMITTED FOR APPROVAL.
 ANY MAIN DISCONNECT SWITCH, CIRCUIT BREAKER, PANEL, LOAD CENTER USED AS SERVICE ENTRANCE EQUIPMENT SHALL BE LABELED ACCORDINGLY.



RESTROOM ELECTRICAL PLAN
 SCALE: 1/2" = 1'-0"

- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL LIGHT FIXTURE FINISHES AND COLORS WITH THE OWNER PRIOR TO ORDERING LIGHT FIXTURES. THE CONTRACTOR MAY SUBSTITUTE LIGHT FIXTURE MANUFACTURER OF EQUAL QUALITY AND PERFORMANCE AS APPROVED BY THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED PARTS AND COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION OF EACH LIGHT FIXTURE IN THE CEILING TYPE TO BE INSTALLED.
- CEILING EXHAUST FANS SHALL BE 150 CFM NUTONE, BRAUN OR PANASONIC. PROVIDE DUCTING TO THE EXTERIOR AND TERMINATE WITH BACK DRAFT DAMPER AND INSECT SCREEN.
- CONNECT BATHROOM EXHAUST FAN TO LIGHTING FOR ON/OFF CONTROL WITH LIGHTS. PROVIDE DISCONNECT SWITCH WHERE REQUIRED.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE (2) SPARE 2" CONDUITS FROM PANEL TO OUTSIDE OF RESTROOM FOR FUTURE USE. CAP AS REQUIRED.

MAIN GROUND DIAGRAM

GROUNDING CONDUCTORS TO BE IN PVC, SCH. 80 OF REQ'D SIZE. SIZE CONDUCTORS PER N.E.C.
 MAIN GRDG. CABLE TO BE #1/0 COPPER
 LOCATE AT THE MAIN ELECTRICAL SERVICE ENTRANCE

SUB PANEL C (LOAD CENTER)

100A BAB, 120/240V, 1 PHASE, 3 WIRE, MIN. SHORT CIRCUIT AMPS RATING: 10,000 AAC.
 WITH THE FOLLOWING BRANCH CIRCUIT BREAKERS

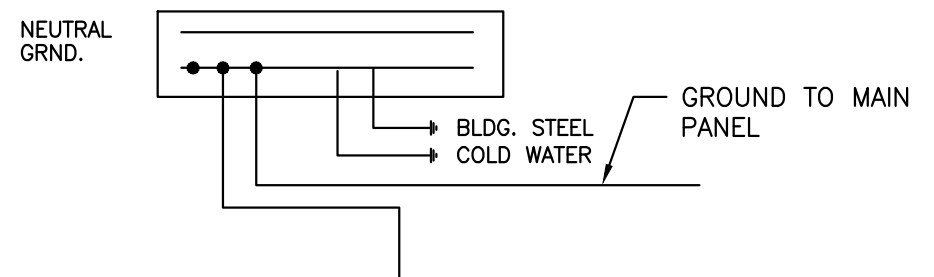
CIR. NO.	BRKR	CIRCUIT	LOAD
1	20A/1P	2#12-1#120-1/2" C	LIGHTING
2-3	20A/1P	2#12-1#120-1/2" C	RECEPTACLES
4	20A/1P	2#12-1#120-1/2" C	WATER HEATER

LIGHTING FIXTURE SCHEDULE

ID	LIGHT	CAT. NO.	LUMENS/COLOR	WATTS	NOTES
C1	1x4 LED WRAP-A-ROUND LIGHT FIXTURE	LITHONIA #LBL4 4000LM 80CRI 40K NODIM MVOLT	4000/40K	33	
C2	1x4 LED LIGHT FIXTURE	LITHONIA #CLX L48 3000LM SEF FDL MVOLT G210 40K 80CRI WH	3000/40K	21	
W1	LED LIGHT FIXTURE	LITHONIA #TPWX1 P1 LED 40K 120V PE DBLXD	1450/40K	10	1

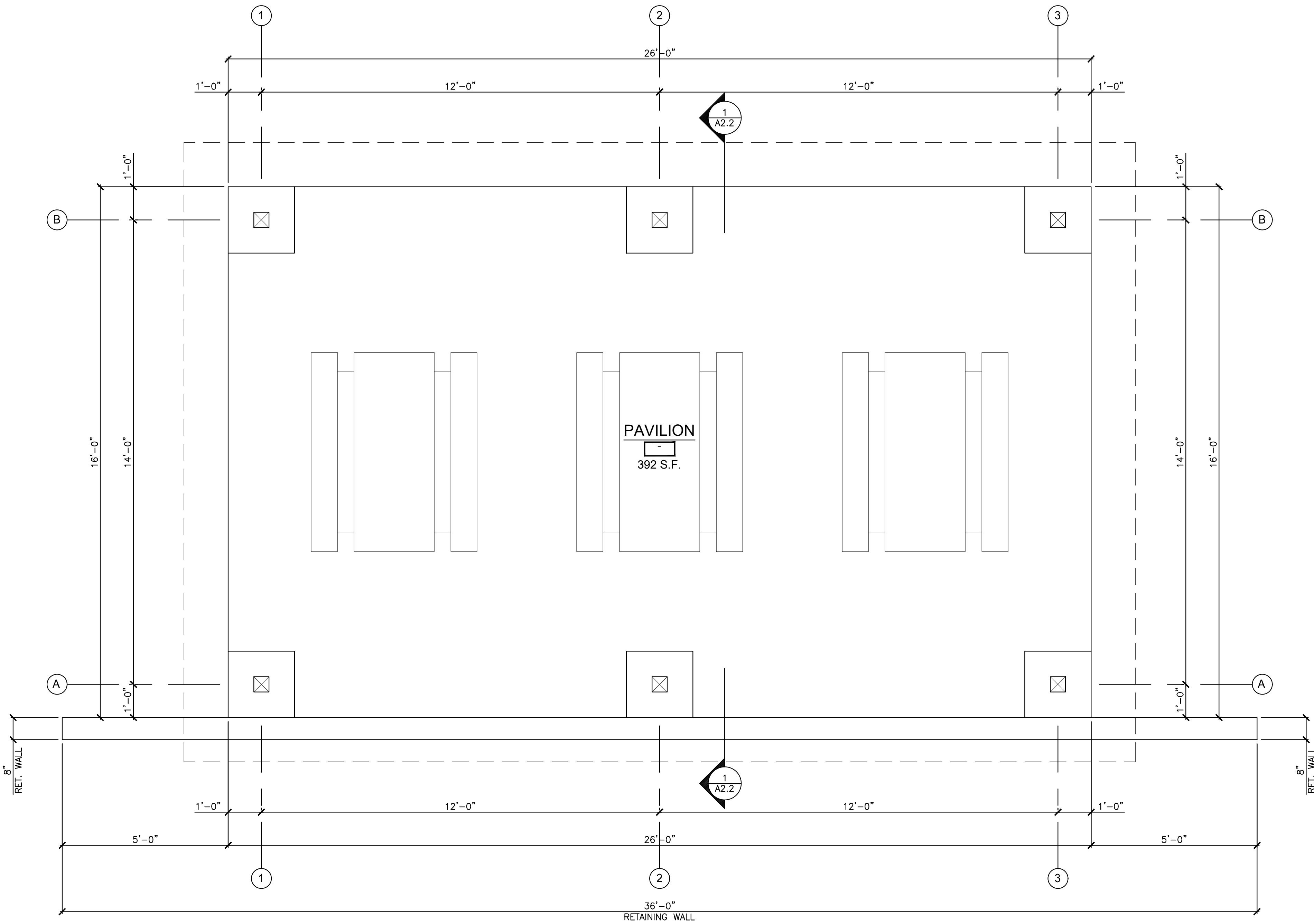
LIGHT FIXTURE & EMERGENCY LIGHTING NOTES

- MOUNT ON WALL AT 7'-6" ABOVE THE FLOOR TO THE BOTTOM OF THE UNIT, UNLESS NOTED OTHERWISE.



SYMBOLS

- LIGHT FIXTURE, CEILING
- LIGHT FIXTURE, WALL
- SINGLE POLE SWITCH
- THREE-WAY SWITCH
- SWITCH W/ OCCUPANCY SENSOR
- JUNCTION BOX
- POWER CIRCUIT
- INDICATES A CHANGE OF CONTROL, BUT SAME CIRCUIT
- CEILING MOUNTED OCCUPANCY SENSOR-LINE VOLTAGE 120V



PAVILION FLOOR PLAN
SCALE: 1/2" = 1'-0"
PLAN NORTH

- GENERAL NOTES**
- ALL CONSTRUCTION SHALL MEET OR EXCEED THE MOST STRINGENT APPLICABLE LOCAL, STATE, & FEDERAL BUILDING CODES, REGULATIONS, & REQUIREMENTS NOT WITHSTANDING ANY CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND/OR DETAILS. VERIFY ALL DISCREPANCIES W/ ENGINEER PRIOR TO BIDDING THE PROJECT & THE COMMENCEMENT OF ANY WORK THEREON.
 - OWNER & CONTRACTOR SHALL REVIEW, VERIFY, AND CO-ORDINATE ALL DIMENSIONS, TOLERANCES, CONSTRUCTION CONDITIONS, CLEARANCES, ETC. PRIOR TO THE COMMENCEMENT OF ANY WORK.
 - THE GENERAL CONTRACTOR SHALL ACQUANT THEMSELVES WITH THE HANDICAPPED ACCESSIBILITY REQUIREMENTS FOR THIS LOCALE AND THE AMERICAN DISABILITIES ACT (ADA) AND ENSURE THAT THE REQUIRED ELEMENTS OF THIS SITE & FACILITY WILL CONFORM & BE ACCESSIBLE TO THE FULLEST EXTENT REQUIRED. ALL ACCESSIBLE FEATURES MUST DISPLAY SIGNAGE THAT COMPLIES WITH ICC/ANSI A117.1-2009 SECTION 703 "SIGNS".
 - GENERAL CONTRACTOR SHALL ENSURE MUTUAL COMPATIBILITY & NON-DETRIMENTAL/NON-CORROSIVE INTERACTION & EFFECT OF ALL INDIVIDUAL CONSTRUCTION COMPONENTS, MATERIALS, TREATMENTS, FASTENERS, ETC. WITH ALL OTHER RELATED OR ADJACENT CONSTRUCTION COMPONENTS, MATERIALS, TREATMENTS, FASTENERS, ETC. AS PROVIDED ON THIS PROJECT WITHIN THE REQUIRED CONSTRUCTION ASSEMBLIES.
 - ALL NEW MATERIALS, ASSEMBLIES, PROCEDURES, AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S LATEST PRINTED INSTRUCTIONS/SPECIFICATIONS AND COMPLY WITH ALL CODE REQUIREMENTS AND FUNCTIONAL INTENT.
 - ALL DIMENSIONS ARE GIVEN TO FACE OF FRAMING, FACE OF MASONRY, OR CENTERLINE OF STEEL UNLESS NOTED OTHERWISE. DIMENSIONS FOR EXIST. CONDITIONS MAY EFFECT LAYOUT OF NEW CONSTRUCTION THEREFORE ALL EXIST. DIMENSIONS ARE TO BE VERIFIED PRIOR TO COMMENCEMENT OF WORK FOR EACH PHASE.
 - ALL INFORMATION (DIMENSIONS, NOTES, DETAILS, ETC.) SHOWN ON THE PLANS ARE FOR THE CONTRACTOR'S ASSISTANCE IN THE CONSTRUCTION OF THIS PROJECT. DO NOT SCALE THESE DRAWINGS. REPRODUCTIONS MAY BE SKEWED DUE TO PRINTING, COPYING, ETC.
 - PROVIDE TEMPORARY PINNING, SHORING, BRACING, SUPPORT, ETC. AS REQ'D TO MAINTAIN STRUCTURAL INTEGRITY OF NEW AND/OR EXISTING CONSTRUCTION THROUGHOUT ALL PHASES OF WORK.
 - STANDARD SWITCH MOUNTING HEIGHT FOR ADA ACCESSIBILITY TO BE 48" MAX. & 15" MIN. A.F.F. TO CENTER OF SWITCH PLATE.
 - LIFE SAFETY ITEMS SUCH AS FIRE ALARM, SMOKE DETECTORS, SECURITY SYSTEMS, FIRE EXTINGUISHERS, ETC. REQ'D SHALL BE PROVIDED & INSTALLED BY OTHERS.

FACILITY & CODE INFORMATION		
PROJECT DESCRIPTION: THE PROJECT CONSISTS OF THE CONSTRUCTION OF A 16'x26' PAVILION. NEW UNDERGROUND ELECTRICAL SERVICE SHALL BE EXTENDED TO THE PAVILION. NEW ADA ACCESSIBLE RESTROOM FACILITIES WILL BE PROVIDED WITHIN 500' OF PROPOSED PAVILION.		
APPLICABLE CODES <ul style="list-style-type: none"> ■ I.B.C. INTERNATIONAL BUILDING CODE 2018 ■ 2010 ADA GUIDELINES - I.B.C. 2018 CHAPTER 11 □ I.R.C. INTERNATIONAL RESIDENTIAL CODE □ 2018 I.E.C.C. INTERNATIONAL ENERGY CONSERVATION CODE 2018 LIFE SAFETY □ CODE - NFPA 1011 I.E.B.C. □ INTERNATIONAL EXISTING BUILDING CODE 2018 [□ LEVEL 1 □ LEVEL 2 □ LEVEL 3] 		
OCCUPANCY CLASSIFICATION: PROPOSED OCCUPANCY: I.B.C. - USE GROUP - ASSEMBLY (A-5)		
FL AREA PER USE A (PAVILION) = 416 S.F. (E) - INDICATES EXISTING	FL AREA IN SQ. FT. PER OCCUPANT 1 OCC / 16" SEAT WIDTH TOTAL OCCUPANT LOAD = 64 PERSONS	OCCUPANTS 24
TYPE OF CONSTRUCTION: I.B.C. - TYPE VB		
ALLOWABLE BUILDING HEIGHT ASSEMBLY (A-5) = 40FT	PROPOSED BUILDING HEIGHT ASSEMBLY (A-5) = 13FT	
ALLOWABLE BUILDING STORIES: ASSEMBLY (A-5) = UL STORIES	PROPOSED BUILDING STORIES: ASSEMBLY (A-5) = 1 STORY	
ALLOWABLE BUILDING AREA: ASSEMBLY (A-5) = UL S.F.	PROPOSED BUILDING AREA: ASSEMBLY (A-5) = 416 S.F.	
PARKING SPACES: EXISTING ON SITE PARKING PROVIDED		
LIFE SAFETY: MANUAL FIRE ALARM NOT REQ'D AUTOMATIC FIRE ALARM NOT REQ'D EMERGENCY LIGHTING NOT REQ'D AUTOMATIC SPRINKLER NOT REQ'D		

DESIGN LOADS
 SEISMIC $A_v < 0.05$
 WIND $V = 115$ MPH 1=1.0 EXPOSURE "C" CATEGORY II BUILDING
 ROOF SNOW $P_g = 30$ psf
 ROOF LIVE (MIN) 20 psf
 SOIL BEARING CAP. (MIN) 2500 psf

CONCRETE
 ALL CONCRETE SHALL CONFORM TO THE LATEST APPROVED (BY LOCAL JURISDICTION) EDITIONS OF THE FOLLOWING AMERICAN CONCRETE INSTITUTE (ACI) AND AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) DOCUMENTS:
 ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
 ACI-318 CODE
 ACI-214 COMPRESSION TESTING
 ACI-306 COLD WEATHER CONCRETING
 ACI-315 DETAILING
 ACI-347 FORMWORK
 ACI-305 HOT WEATHER CONCRETING
 ACI-211 PROPORTIONING CONCRETE
 ACI-304 PLACING CONCRETE
 ASTM C94 READY-MIX CONCRETE
 ASTM C31 FIELD CYLINDER SPECIMENS
 ASTM C143 SLUMP TESTING
 ASTM C231 AIR CONTENT
 ASTM C39 LAB TESTING CYLINDERS
 ASTM C172 SAMPLING FRESH CONCRETE
 ASTM C42 HARDENED CORES

A CONCRETE STRUCTURE MAY NOT SUPPORT ITS DESIGN LIVE LOAD FOR 28 DAYS.
 CAST-IN-PLACE REINFORCED CONCRETE SHALL CONFORM TO ACI 301 SPECIFICATION WITH $f'_c = 3,000$ PSI AT 28 DAYS FOR FOUNDATIONS, $f'_c = 3,500$ FOR CONCRETE WALLS AND $f'_c = 4,000$ PSI FLOOR SLAB CONCRETE.
 USE AIR-ENTRAINING ADMIXTURE IN ALL CONCRETE EXPOSED TO FREEZING AND THAWING PROVIDING NOT LESS THAN 4% NOR MORE THAN 8% ENTRAINMENT AIR.
 MINIMUM MIX PROPORTIONS SHALL UTILIZE 5 1/2 BAGS OF CEMENT PER CUBIC YARD FOR FLOOR SLABS AND ALL OTHER CAST-IN-PLACE CONCRETE.
 MILD STEEL REINFORCEMENT SHALL CONFORM TO ASTM A 615, INCLUDING SUPPLEMENTARY REQUIREMENTS S1, "SPECIFICATION FOR DEFORMED STEEL BARS FOR CONCRETE REINFORCEMENT", GRADE 60 ($F_y = 60$ KSI) EXCEPT STIRRUPS AND TIES OF #3 SIZE MAY BE GRADE 40 ($F_y = 40$ KSI). ALL REINFORCEMENT SHALL BE DETAILED IN ACCORDANCE WITH ACI DETAILING MANUAL, ACI 315.
 WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A 185, "SPECIFICATIONS FOR WELDED STEEL WIRE FABRIC FOR CONCRETE REINFORCEMENT".
 PROVIDE THE FOLLOWING MINIMUM CONCRETE COVER TO REINFORCEMENT EXCEPT WHERE NOTED OTHERWISE:
 - ADJACENT TO FOOTING SURFACES - 2" MIN.
 - CAST AGAINST EARTH OR OTHER FOUNDATION SURFACES - 3" MIN.
 - WWF IN SLABS - 1/4" MIN.

TOLERANCES FOR ALL CONCRETE SHALL BE SPECIFIED IN ACI 301.
 ALL SPLICES IN REINFORCING SHALL BE CLASS "B" SPLICES IN ACCORDANCE WITH ACI 318 EXCEPT AS NOTED IN THE PLANS.
 CONSTRUCTION JOINTS IN WALLS, BEAMS, AND SLABS SHALL BE LOCATED MIDWAY BETWEEN SUPPORTS EXCEPT THAT WHERE AN INTERSECTING MEMBER OCCURS AT MIDSPAN, THE JOINT SHALL BE OFFSET TWICE THE WIDTH OF THE INTERSECTING MEMBER. BEFORE FRESH CONCRETE IS PLACED AGAINST CONCRETE IN-PLACE, THE CONTACT SURFACES OF CONCRETE IN-PLACE SHALL BE THOROUGHLY CLEANED. ALL LATANCE SHALL BE REMOVED AND THE CONTACT SURFACES SHALL BE THOROUGHLY SLUSHED WITH GROUT CONSISTING OF ONE PART SAND TO ONE PART CEMENT WITH A MINIMUM AMOUNT OF WATER.
 ALL FORMWORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE "FORMWORK FOR CONCRETE", SPECIAL PUBLICATION NO. 4 AND ACI'S "STANDARD RECOMMENDED PRACTICE FOR CONCRETE FORMWORK" (ACI 347).

MASONRY
 ALL CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530.1 / ASCE 5 TMS 402 LATEST EDITIONS). ALL CONCRETE MASONRY SHALL CONFORM TO THE LATEST EDITION OF ASTM SPECIFICATIONS C 90 AND C 145. ALL MASONRY UNITS SHALL BE GRADE N-1 WITH A NET COMPRESSIVE STRENGTH OF 2,000 PSI WHEN SAMPLED AND TESTED PER ASTM C 140. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
 MORTAR SHALL CONFORM TO ASTM C 270, TYPE "S" HAVING A MINIMUM COMPRESSION STRENGTH OF 1,800 PSI AT 28 DAYS. MORTAR TO BE USED SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH ASTM C 140. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
 ALL BRICK MASONRY SHALL CONFORM TO THE LATEST EDITION OF ASTM C 62 AND C 216. THE MINIMUM COMPRESSION STRENGTH OF BRICK MASONRY CONSTRUCTED SHALL BE AS INDICATED BELOW. BRICK TO BE USED SHALL BE SAMPLED AND TESTED BY THE BRICK SUPPLIER ACCORDING TO ASTM C 67. TESTS RESULTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
 GROUT SHALL CONFORM TO THE REQUIREMENTS OF ASTM 476 WITH A MINIMUM STRENGTH OF 2500 PSI
 CALCIUM CHLORIDE WILL NOT BE USED AS AN ADMIXTURE
 HOLLOW MASONRY UNITS SHALL BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL FACE SHELLS, EXCEPT THAT WEBS SHALL ALSO BE BEDDED IN ALL COURSES OF PIERS, COLUMNS AND PILASTERS AND IN THE STARTING COURSE OF FOOTINGS AND SOLID FOUNDATION WALLS WHERE ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED AND / OR FILLED WITH GROUT.
 SOLID MASONRY UNITS (NET CROSS SECTIONAL AREA IS 75% OR MORE OF CROSS SECTIONAL AREA) AND BRICK UNITS SHALL HAVE FULL HEAD AND BED JOINTS.
 REINFORCE MASONRY CORES AND BAND BEAMS WITH REINFORCING BARS AS SHOWN, FILL WITH ASTM C476 GROUT ($f_m=2,500$ PSI) OR CONCRETE GROUT ($f_c=3,000$ PSI)
 JOINT REINFORCEMENT SHALL CONSIST OF DUR-O-WALL TRUSS DESIGN, 9 GAGE @ 16" O.C.
 PROVIDE CONTROL JOINTS AT 24" MAXIMUM SPACING.
 THE MINIMUM TIME AFTER COMPLETION OF MASONRY CONSTRUCTION AND BEFORE DEAD LOADS MAY BE APPLIED IS AS FOLLOWS:
 PIERS AND WALLS SUBJECTED TO CONCENTRATED LOADS 72 HOURS

STRUCTURAL WOOD PRODUCTS
 PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURERS ENGINEER. THE MANUFACTURERS ENGINEER SHALL BE REGISTERED IN THE LOCAL JURISDICTION. LOAD TABLES, SHOP DRAWINGS AND DESIGN DATA SHALL BE SIGNED AND SEALED BY THE MANUFACTURERS ENGINEER AND SUBMITTED FOR REVIEW, BY BOTH THE ENGINEER & THE CODE OFFICIAL.
 TRUSSES SHALL BE BRACED IN ACCORDANCE WITH "BRACING WOOD TRUSSES COMMENTARY AND RECOMMENDATIONS" BY THE TRUSS PLATE INSTITUTE INC.
 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY ERECTION BRACING.
 ALL TEMPORARY BRACING OF WOOD TRUSSES SHALL BE NO LESS THAN 2"x4" STUDS.
 INSTALL ENGINEERED LUMBER IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION. ALL BEAMS SHALL BEAR FULL LENGTH ONTO POSTS.
 EXCEPT AS NOTED OTHERWISE, NAILING AND DETAILS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING CODE AND THE AFPA'S NATIONAL DESIGN SPECIFICATION FOR STRESS GRADE LUMBER AND IT'S FASTENINGS.
 ROOF SHEATHING SHALL BE STANDARD APA RATED C-D 32/16 WITH EXTERIOR GLUE PLYWOOD, NAIL PLYWOOD TO JOISTS AND TRUSSES WITH 8D NAILS AT 6" AT SHEET EDGES AND AT 12" AT ALL INTERMEDIATE JOISTS AND TRUSSES.
 NAIL PLYWOOD TO JOISTS AND TRUSSES WITH 8D NAILS AT 6" AT SHEET EDGES AND AT 10" AT ALL INTERMEDIATE JOISTS AND TRUSSES.

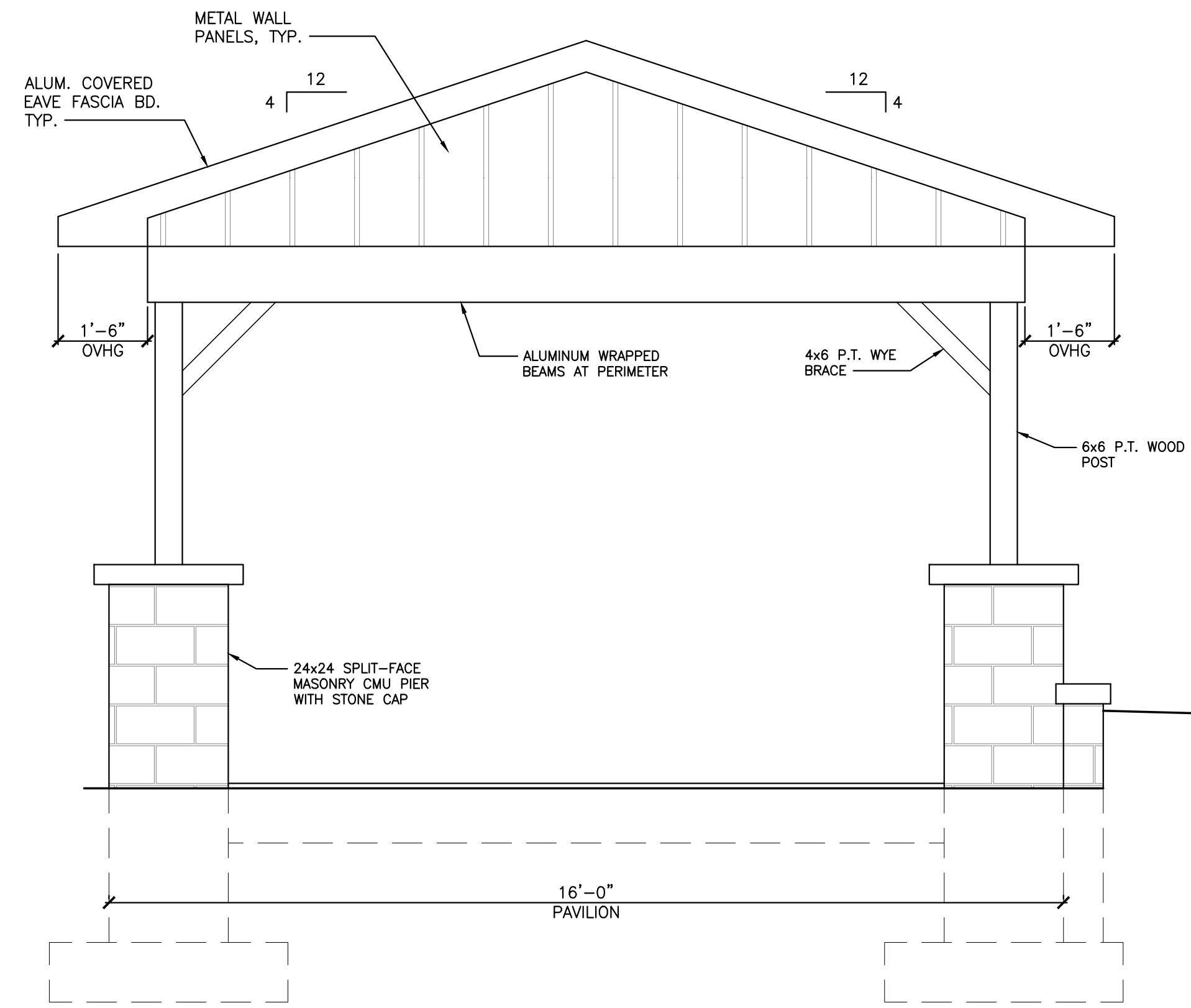
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NO.	DATE	DESCRIPTION	ISSUED FOR PERMIT
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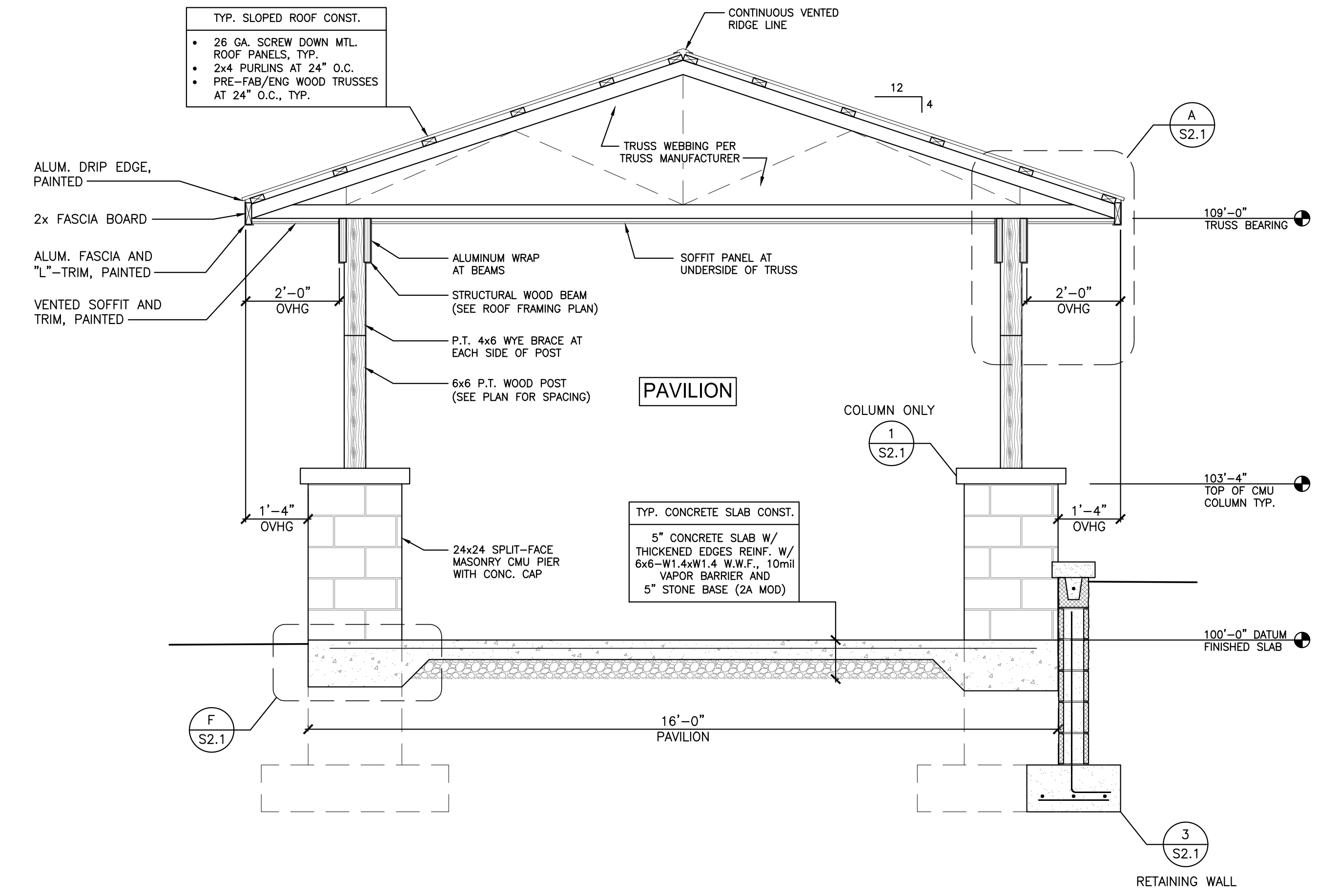
RESTROOM/PAVILION/ADA RAMP for McCLURE STATION PARK
 BOROUGH OF McCLURE SNYDER COUNTY, PA

PROJECT No: 21085_01_01
 SCALE: AS NOTED
 DRAWN BY: T.S.F.
 DATE:
 DRAWING DESCRIPTION: PAVILION FLOOR PLAN
 DRAWING No.: **A2.1**



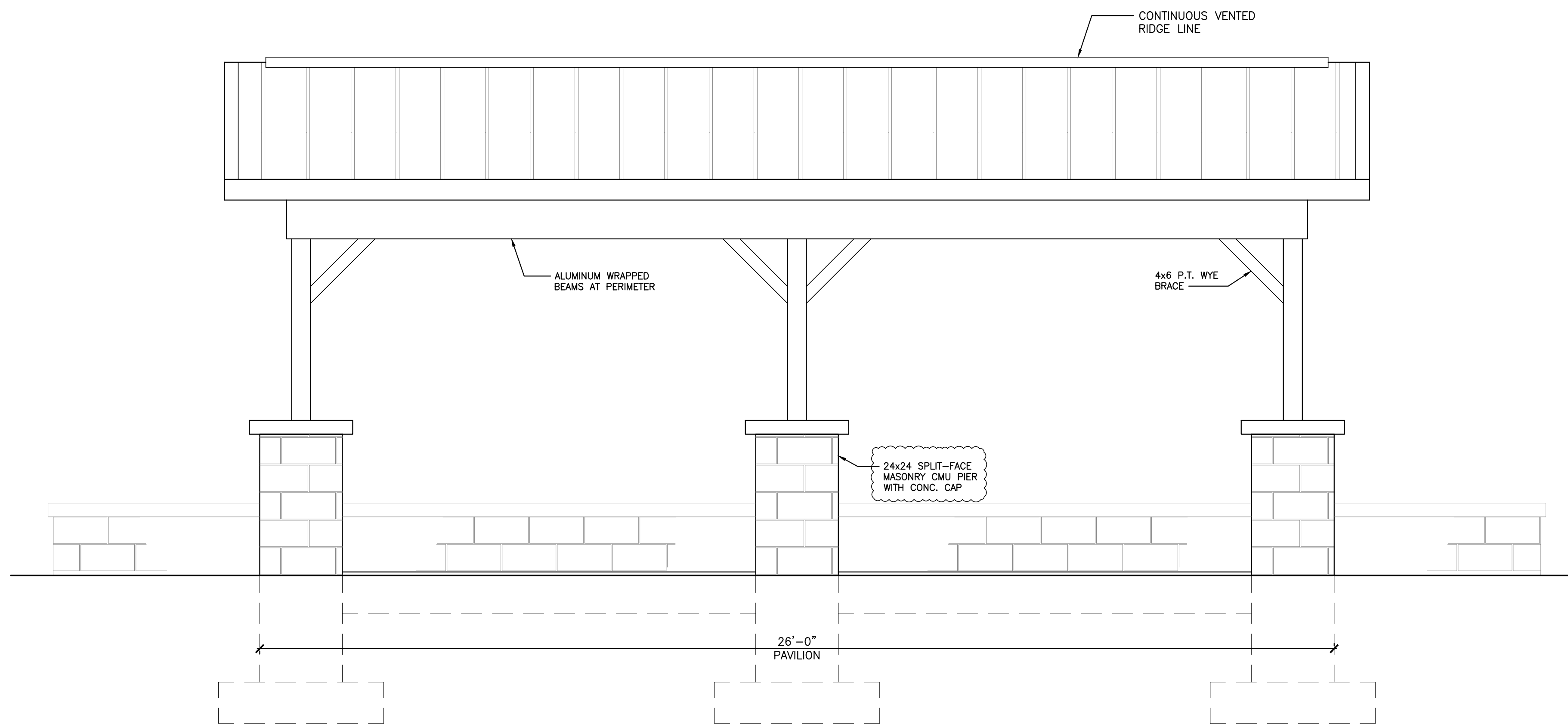
END WALL ELEVATION

SCALE: 1/2" = 1'-0"



1 CROSS SECTION

SCALE: 1/2" = 1'-0"



SIDE WALL ELEVATION

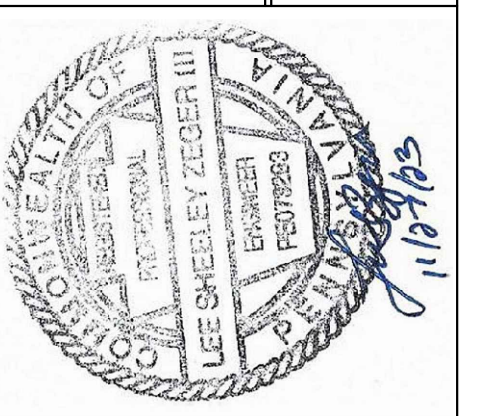
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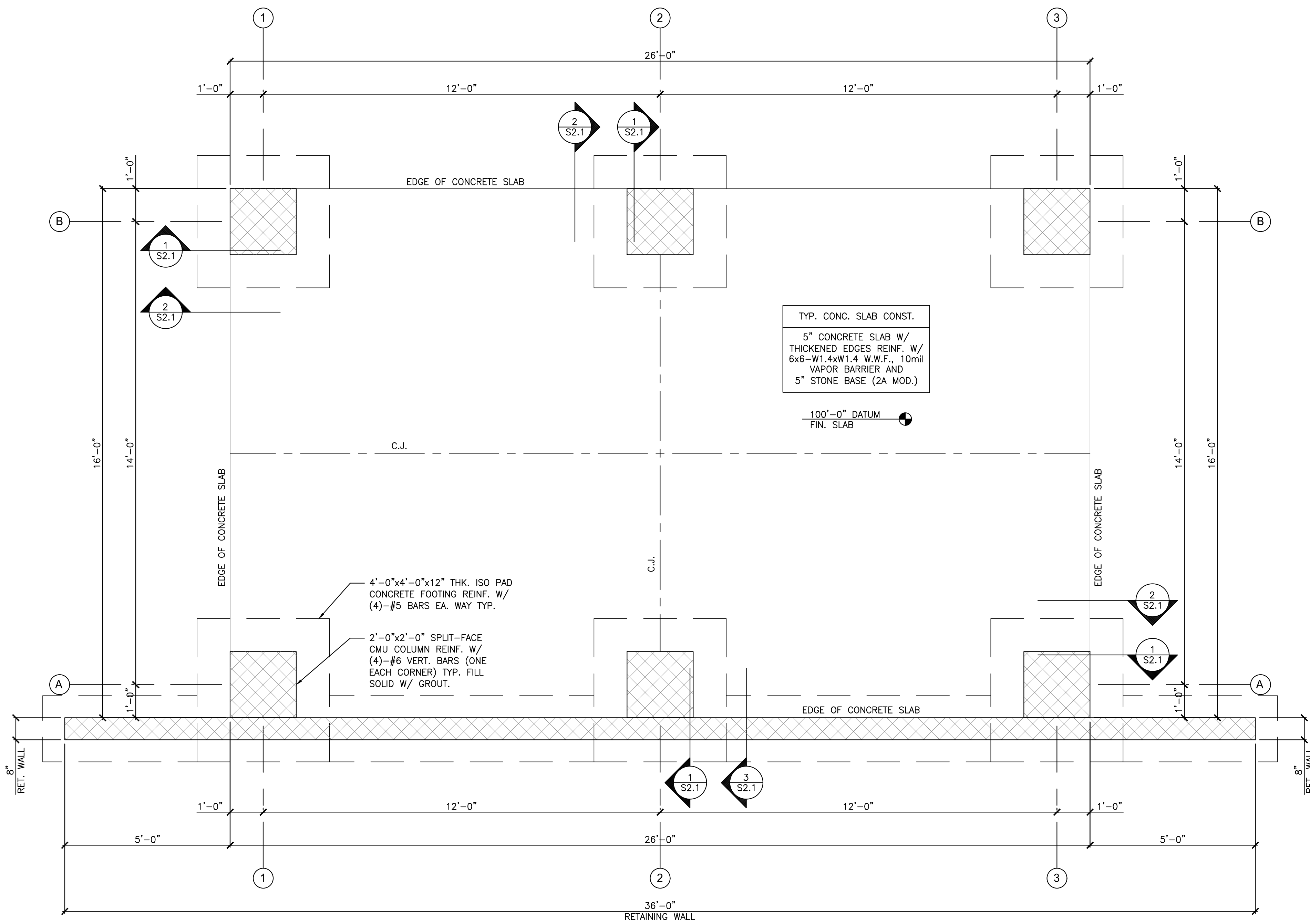
LEE S. ZIEGLER III, P.E., P.O. Box 1350, Huntingdon, PA 15501
 Phone: (717) 481-9730
 E-mail: lez@ces-engr.com



RESTROOM/PAVILION/ADA RAMP for McClure Station Park
 BOROUGH OF McCLURE SNYDER COUNTY, PA

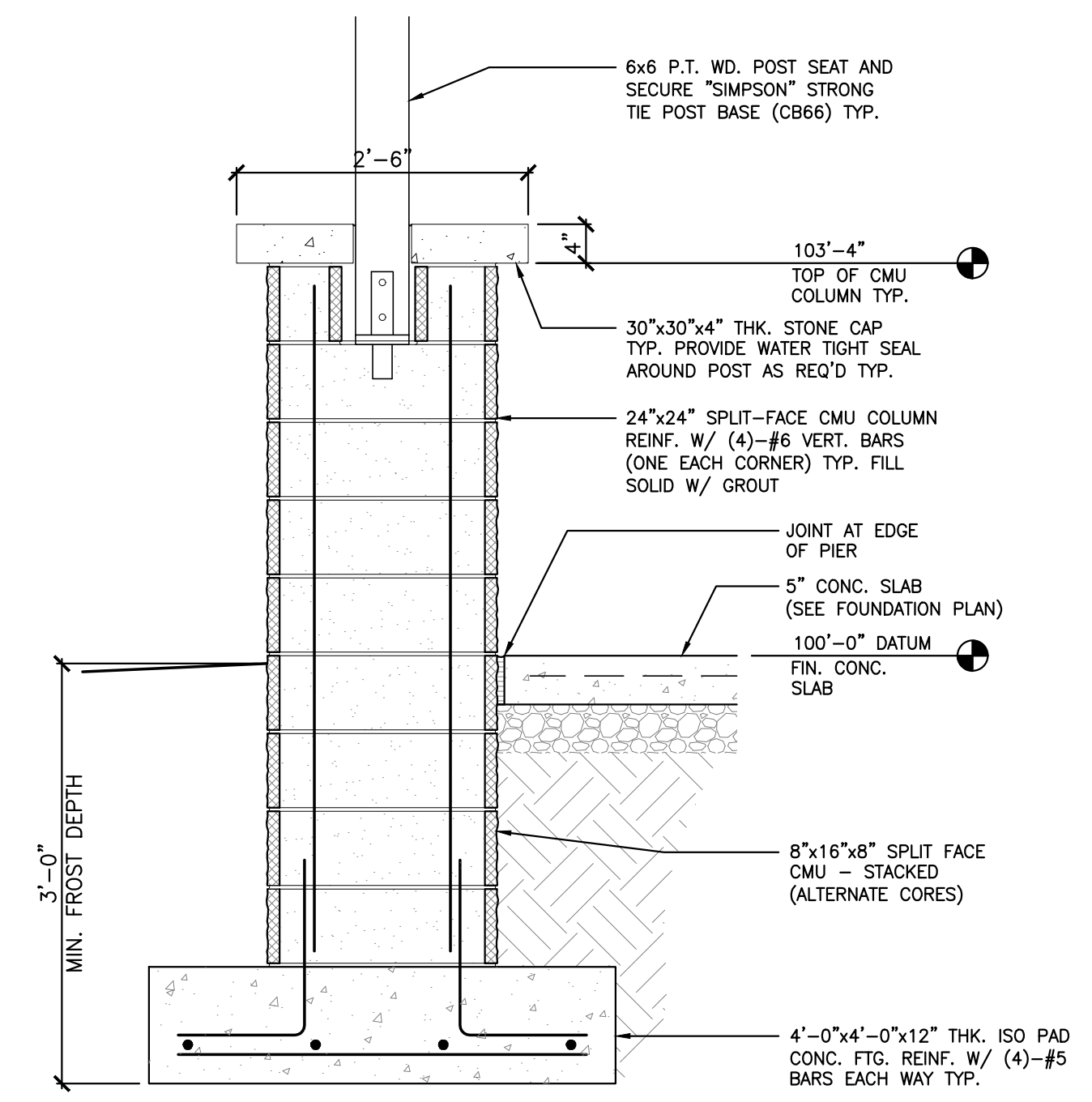
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PAVILION ELEVATIONS/SECTION

DRAWING No.: **A 2.2**

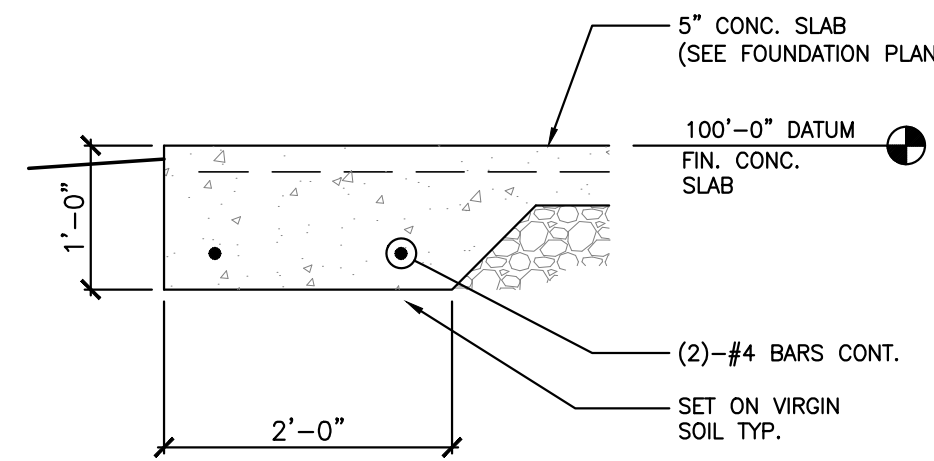


FOUNDATION PLAN

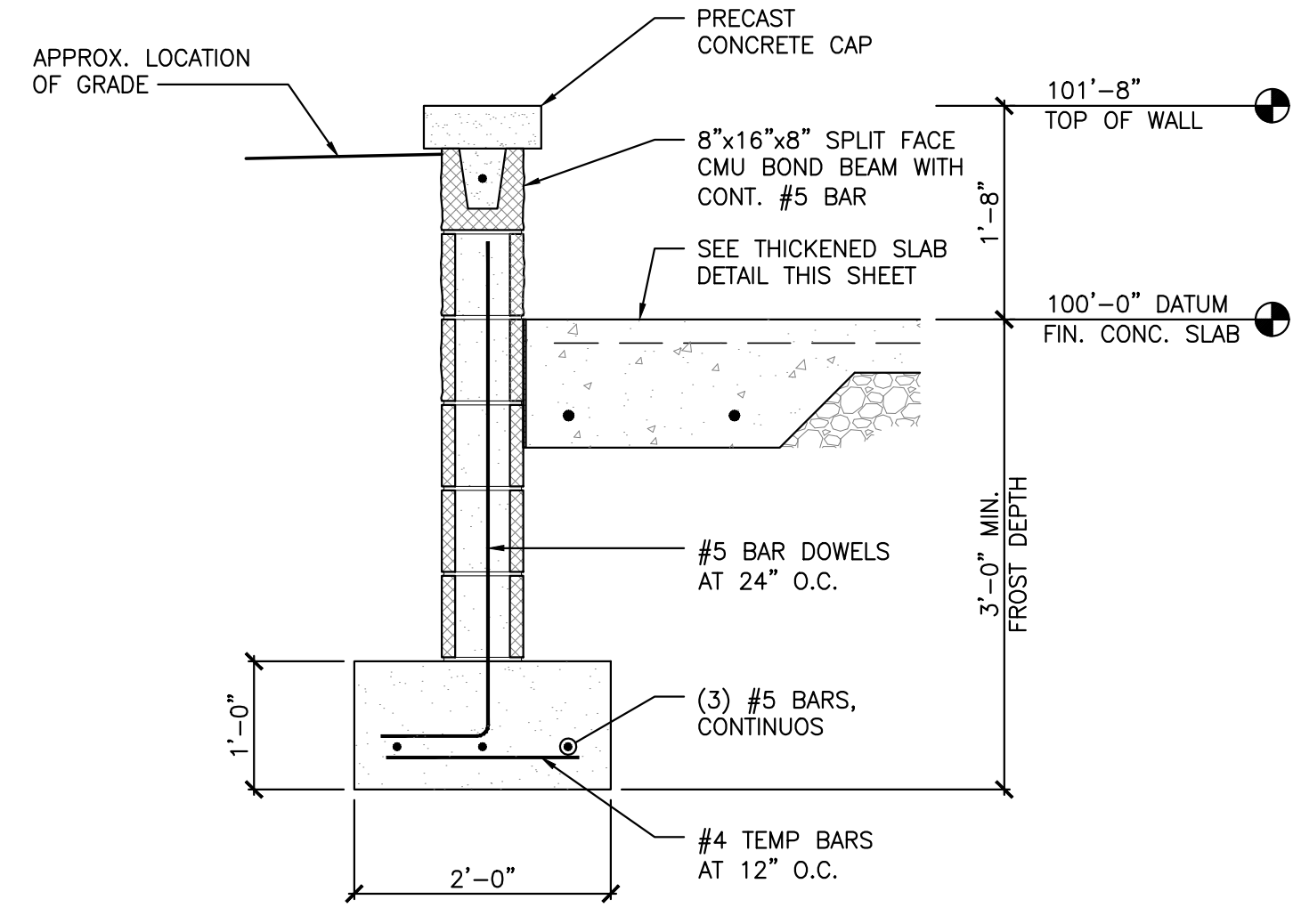
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1 SECTION AT CMU PIER
SCALE: 3/4" = 1'-0"



2 THICKENED SLAB
SCALE: 3/4" = 1'-0"



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

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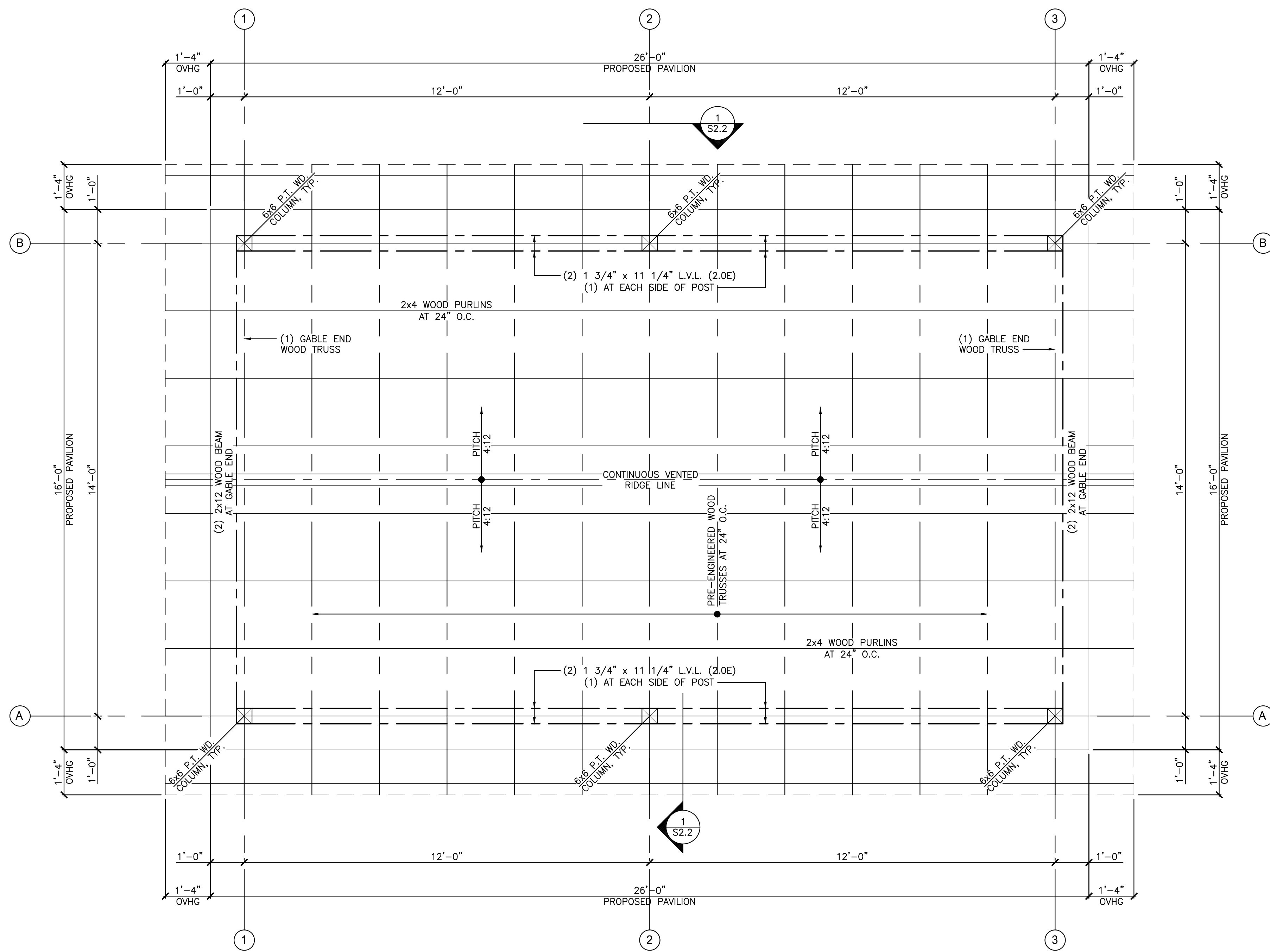
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**RESTROOM/PAVILION/ADA RAMP
for McClure Station Park**
BOROUGH OF McCLURE
SNYDER COUNTY, PA

PROJECT No:	21085_01_01
SCALE:	AS NOTED
DRAWN BY:	T.S.F.
DATE:	
DRAWING DESCRIPTION:	PAVILION FOUNDATION PLAN

DRAWING No.: **S 2.1**

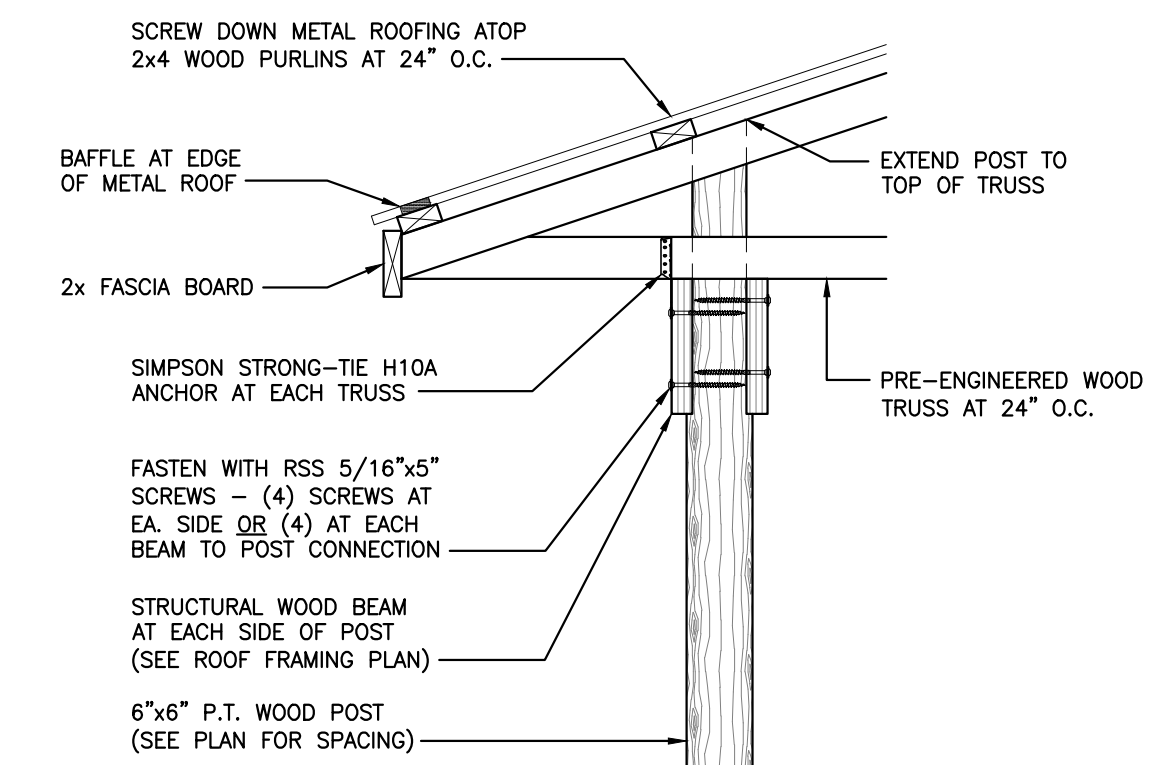


ROOF FRAMING PLAN

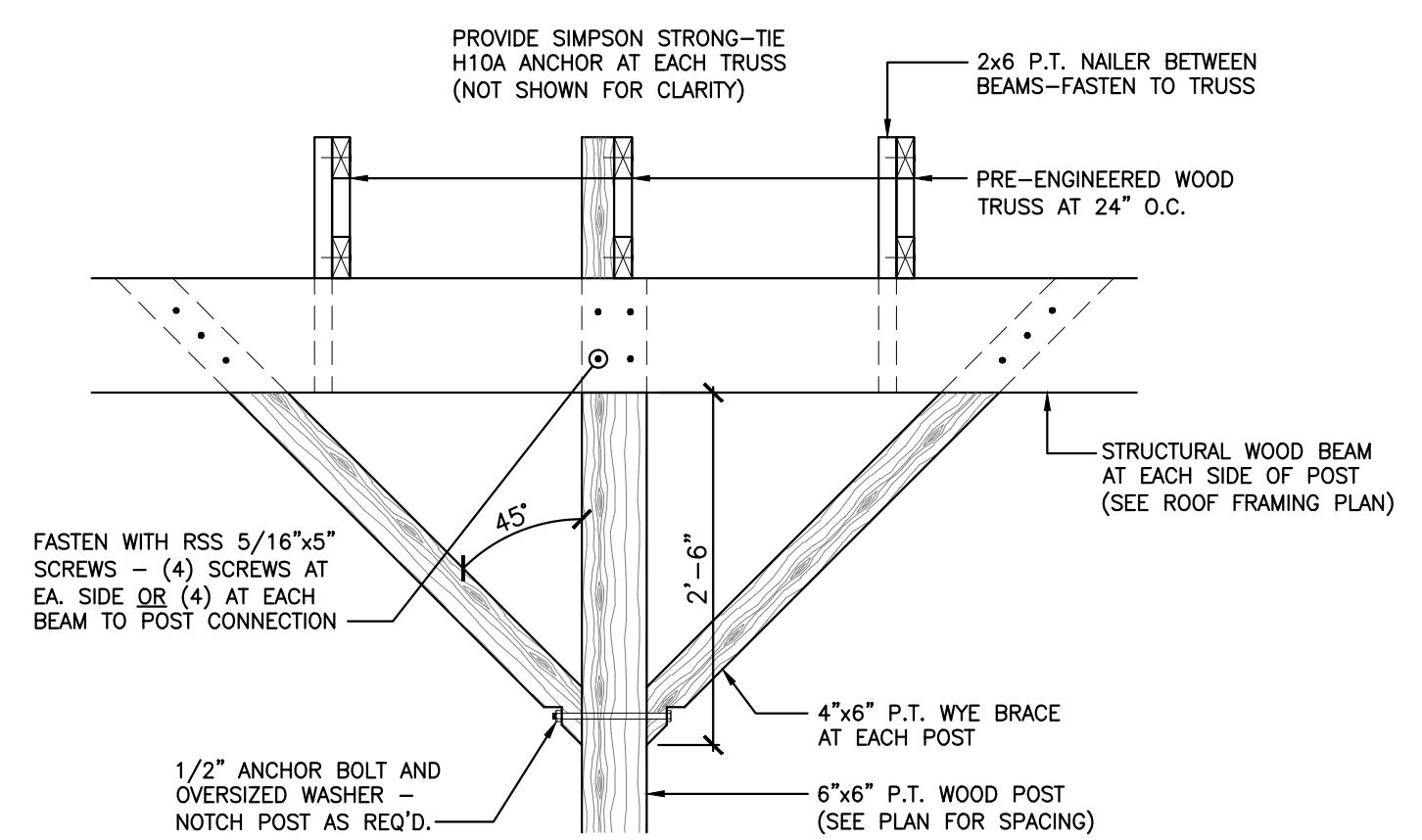
SCALE: 1/2" = 1'-0"



TRUSS DESIGN CRITERIA	
TRUSSED ROOF LOADING:	
	SLOPED AREAS
TOP CHORD LL	25 PSF
TOP CHORD DL	10 PSF
BOT. CHORD LL	5 PSF (NO STORAGE)
BOT. CHORD DL	5 PSF
TOTAL LOAD	45 PSF
MINIMUM LOADINGS CITED ABOVE SHALL BE INCREASED AS REQ'D TO COMPENSATE FOR REGIONAL, LOCALIZED, & DRIFT LOADING CONDITIONS.	
SUBMIT STAMPED SHOP DRAWINGS (PA. STATE REGISTERED ENGINEER) OF ALL TRUSS TYPES FOR ARCHITECTS APPROVAL PRIOR TO FABRICATION. ERECT, BRACE, AND ANCHOR IN ACCORDANCE WITH T.P.I. PRACTICES AND PROCEDURES. MAINTAIN WEB CONFIGURATIONS ON ADJACENT TRUSS TYPES TO ACCOMMODATE ROUTING OF MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS. TRUSS MEMBER SIZE, SPECIES, GRADE, AND WEB CONFIGURATION PER TRUSS MANUFACTURER	



1 EXTERIOR WALL
 S2.2 POST - TRUSS CONNECTION SCALE: 3/4" = 1'-0"

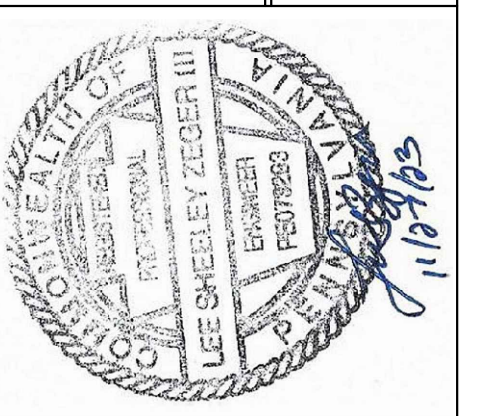


2 EXTERIOR WALL
 S2.2 POST WYE BRACE SCALE: 3/4" = 1'-0"

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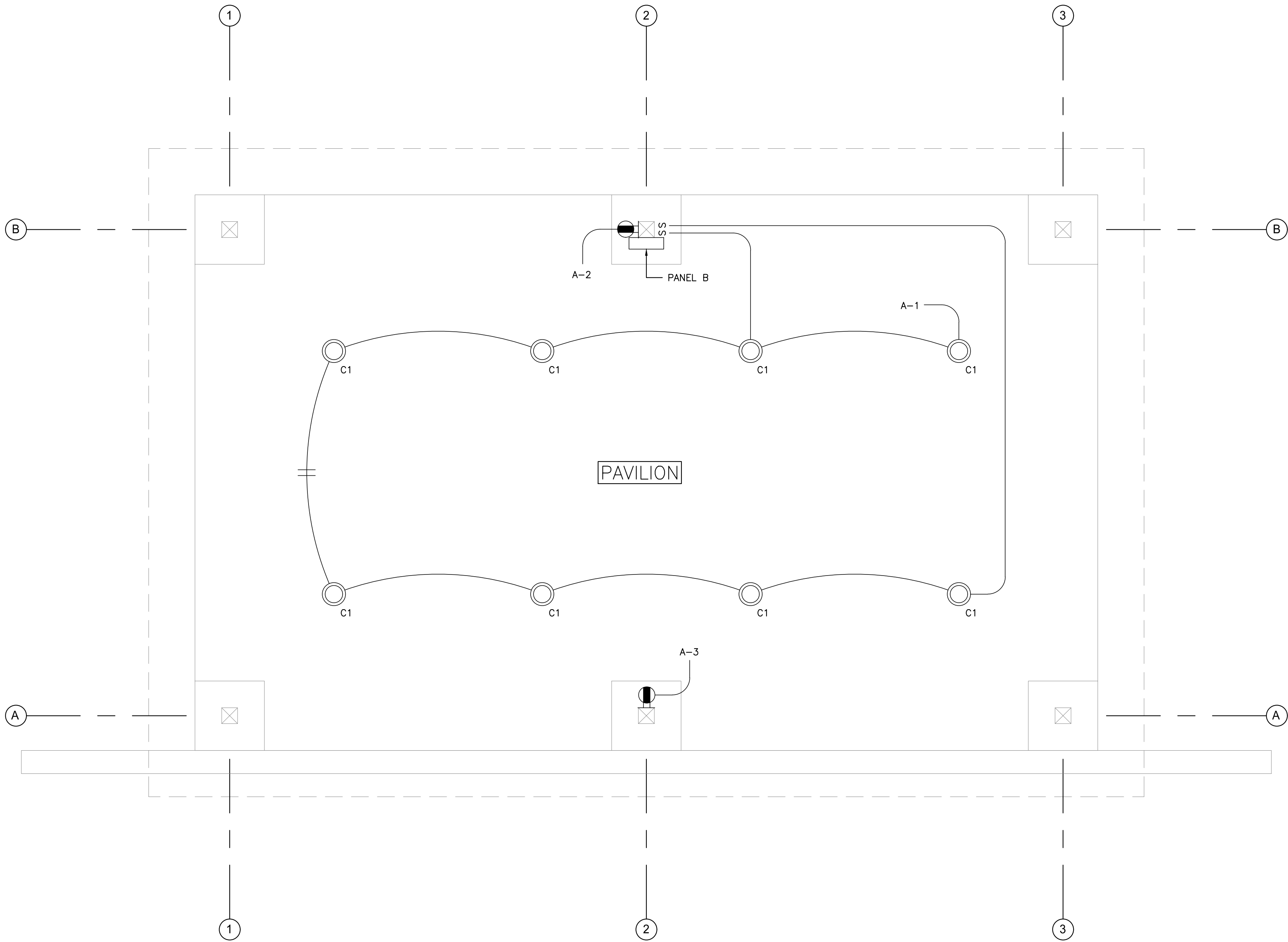
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RESTROOM/PAVILION/ADA RAMP for McCURE STATION PARK
 BOROUGH OF McCURE SNYDER COUNTY, PA

PROJECT No: 21085_01_01
 SCALE: AS NOTED
 DRAWN BY: T.S.F.
 DATE:
 DRAWING DESCRIPTION:
 PAVILION ROOF FRAMING PLAN

DRAWING No.: **S 2.2**



PAVILION ELECTRICAL PLAN
SCALE: 1/2" = 1'-0"

- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL LIGHT FIXTURE FINISHES AND COLORS WITH THE OWNER PRIOR TO ORDERING LIGHT FIXTURES. THE CONTRACTOR MAY SUBSTITUTE LIGHT FIXTURE MANUFACTURER OF EQUAL QUALITY AND PERFORMANCE AS APPROVED BY THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED PARTS AND COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION OF EACH LIGHT FIXTURE IN THE CEILING TYPE TO BE INSTALLED

60A FUSIBLE DISCONNECT "D"
60A, 120/240V, 1 PHASE, 3 WIRE, MIN. SHORT CIRCUIT AMPS RATING: 10,000 AIC. WITH THE FOLLOWING BRANCH CIRCUIT BREAKERS

CIR. NO.	BRKR	CIRCUIT	LOAD
1	20A/1P	2#12-1#120-1/2°C	LIGHTING
2-3	20A/1P	2#12-1#120-1/2°C	RECEPTACLES

LIGHTING FIXTURE SCHEDULE

ID	LIGHT	CAT. NO.	VOLTS	MTG	LUMENS/COLOR	WATTS	NOTES
C1	LED RECESSED CAN LIGHT FIXTURE	GOTHAM #EVO6VR 40/40 AR LSS MWD FOL MVOLT EZ1	120	CEILING	4000/40K		

ELECTRICAL SPECIFICATIONS

GENERAL
PROVIDE ALL NECESSARY LABOR AND MATERIALS FOR THE INSTALLATION OF A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM IN THE NEW BUILDING AS FOLLOWS:
PROVIDE ELECTRICAL SERVICE, PANEL BOARD (LOAD CENTERS) FOR THE BUILDING AS INDICATED ON THE DRAWINGS.
PROVIDE LIGHTING FIXTURES AND CONTROLS AS INDICATED.
PROVIDE ALL EMERGENCY LIGHTING AND EXIT LIGHTS AS INDICATED.
PROVIDE ALL GENERAL PURPOSE RECEPTACLES, BOXES, OVER PLATES AND RELATED BRANCH CIRCUIT WIRING.

STANDARDS AND QUALITY
ALL EQUIPMENT SHALL BE UL LISTED.
THE PLAN REVIEW REQUIRED FOR THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR INCLUDING ALL RELATED COSTS, DELIVERIES AND PICK-UP, AND THE REPRODUCTION OF ALL CONTRACT DOCUMENTS, AND NOTIFYING THE PROFESSIONAL OF ALL REVIEW COMMENTS.
ALL WORK SHALL BE INSPECTED BY A RECOGNIZED INSPECTION AGENCY.
THE CONTRACTOR SHALL INSTALL ALL HARDWARE AND EQUIPMENT IN A NEAT AND PROFESSIONAL MANNER, AND SHALL REMOVE ALL DEBRIS AND TRASH RESULTING FROM THE ELECTRICAL INSTALLATION AT THE CONCLUSION OF THE JOB OR WHEN DIRECTED BY THE PROFESSIONAL OR OWNER.

UNDERGROUND WORK:
ALL UNDERGROUND WORK SHALL BE DONE AS INDICATED ON THE DRAWINGS AND THESE SPECIFICATIONS.
16110 RACEWAYS:
RACEWAY SYSTEMS AS INDICATED:
1. EMT RACEWAY, 1/2" MIN.
2. IMC RACEWAY, 1/2" MIN.
3. PVC RACEWAY, 1/2" MIN., SCHED 80.
ALL WIRING SHALL BE INSTALLED IN RACEWAYS OF REQUIRED SIZE. CONDUIT SHALL NOT BE INSTALLED IN FLOOR SLABS UNLESS IT HAS AT LEAST 1-1/2" OF CONCRETE ON ALL SIDES. MC CABLE WILL BE PERMITTED IN LIEU OF RACEWAYS WITH CONDUCTORS IN CERTAIN CASES AS DEFINED IN THESE SPECIFICATIONS.

EMT RACEWAYS SHALL BE USED GENERALLY, EXCEPT IN THE EXTERIOR OF THE BUILDING, IN WET LOCATIONS, UNDERGROUND, WITHIN CONCRETE, WHERE SUBJECT TO DAMAGE OR WHERE PROHIBITED BY THE N.E.C. USE IMC OR SCH. 80 PVC RACEWAYS.
FITTINGS USED FOR EMT MUST BE COMPRESSION TYPE. USE INSULATED THROAT TYPE FOR SIZES 1-1/2" OR LARGER.
ALL EMPTY CONDUIT/RACEWAYS SHALL BE EQUIPPED WITH A FISH LINE.
PRODUCT SUBMITTALS ON RACEWAY ARE NOT REQUIRED, EXCEPT FOR FLEXIBLE CONDUIT.
FLEXIBLE CARFLEX "NON-METALLIC" LIQUIDTIGHT CONDUIT SHALL BE USED FOR CONNECTIONS TO MOTORS OR EQUIPMENT WITH A MAXIMUM LENGTH OF 36", OR 48" FOR LIGHT FIXTURES. FLEXIBLE CONDUIT SHALL BE 1/2" MINIMUM SIZE.

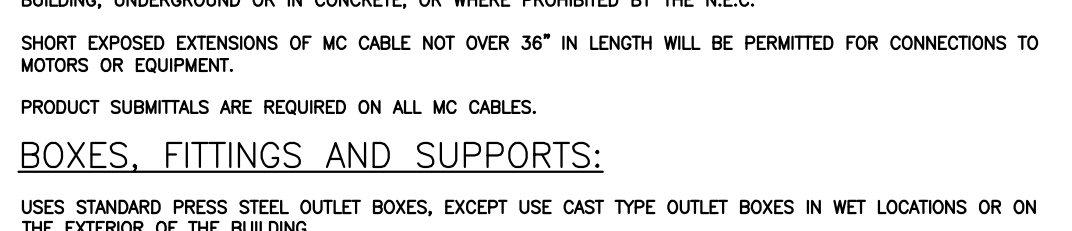
WIRE AND CABLES:
ALL WIRING SHALL BE COPPER, THIN/THIN, 90 DEGREES C, SINGLE CONDUCTOR, MINIMUM SIZE #12 FOR POWER AND #14 FOR CONTROLS, EXCEPT FOR SMALLER SIZES SPECIFICALLY NOTED ON THE DRAWINGS.
MC CABLE WITH STEEL ARMOR AND COPPER CONDUCTORS, THIN/THIN, 90 DEGREES C WILL BE PERMITTED EXCEPT AS FOLLOWS:
MC CABLE SHALL NOT BE USED:
WHERE CONDUCTOR SIZE IS GREATER THAN #10; WHERE AMOUNT OF CONDUCTORS (PHASE CONDUCTORS AND NEUTRAL) EXCEED FOUR CONDUCTORS; EXPOSED ON WALLS OR CEILINGS; IN WET LOCATIONS OR EXTERIOR OF THE BUILDING; UNDERGROUND OR IN CONCRETE; OR WHERE PROHIBITED BY THE N.E.C.
SHORT EXPOSED EXTENSIONS OF MC CABLE NOT OVER 36" IN LENGTH WILL BE PERMITTED FOR CONNECTIONS TO MOTORS OR EQUIPMENT.
PRODUCT SUBMITTALS ARE REQUIRED ON ALL MC CABLES.

BOXES, FITTINGS AND SUPPORTS:
USES STANDARD PRESS STEEL OUTLET BOXES, EXCEPT USE CAST TYPE OUTLET BOXES IN WET LOCATIONS OR ON THE EXTERIOR OF THE BUILDING.
JUNCTION, PULL OR TERMINAL BOXES SHALL BE STEEL WITH FACTORY PAINT, NEMA 1 IN DRY, DUST FREE CLEAN ENVIRONMENTS, NEMA 3R WHERE EXPOSED TO RAIN OR MOISTURE, OR NEMA TYPE AS NOTED ON THE DRAWINGS.
ALL TERMINAL BLOCKS MUST BE RATED AT LEAST 20 AMPERES CONTINUOUS AT 120 VAC, HAVE SCREW TYPE COMPRESSION CONNECTIONS AND BE ARRANGED FOR ON MOUNTING IN TERMINAL BOXES OF ADEQUATE SIZE. TERMINAL BLOCKS MUST BE USED FOR CONNECTIONS TO CONTROL WIRING.
ALL TERMINAL BOXES, PULL BOXES, JUNCTION BOXES, CABINETS, ETC. SHALL BE LABELED IN A MANNER AS APPROVED BY THE PROFESSIONAL.
PRODUCT SUBMITTALS ARE REQUIRED ON ALL PRODUCTS.

16141 WIRING DEVICES:
ALL GENERAL PURPOSE RECEPTACLES SHALL BE 20 AMPERES, 120 VOLTS, AC, HEAVY-DUTY SPECIFICATION GRADE, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR. USE TAMPER-PROOF RECEPTACLES IN THE DWELLINGS.
ALL LIGHTING CONTROL SWITCHES SHALL BE TOGGLE TYPE 20 AMPERES, 120 VOLTS, AC, HEAVY-DUTY SPECIFICATION GRADE, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR.
GFCI TYPE RECEPTACLES SHALL BE 20 AMPERES, 120 VOLTS, COMMERCIAL SPECIFICATION GRADE, CLASS A GFCI, AND MUST MEET OR EXCEED ALL LATEST (UP43 (3RD EDITION) AND UL 498 REQUIREMENTS, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR.

ALL WEATHERPROOF RECEPTACLES TO BE RATED WEATHERPROOF AND WEATHER RESISTANT AND SHALL BE EQUIPPED WITH HINGED COVERS DESIGNED TO CLOSE OVER CONNECTED POWER CORDS. PER N.E.C.
COVER PLATES TO BE HIGH ABUSE NYLON FOR USE WITH FLUSH MOUNTED OUTLET BOXES AND STEEL FOR SURFACE BOXES.
CATALOG INFORMATION, DATA SHEETS, ETC. ARE REQUIRED FOR ALL ITEMS INCLUDING COVER PLATES.

SYMBOLS
LIGHT FIXTURE, CEILING ○
LIGHT FIXTURE, WALL ○
SINGLE POLE SWITCH S
THREE-WAY SWITCH S₃
SWITCH W/ OCCUPANCY SENSOR S_{OS}
JUNCTION BOX ⓑ
POWER CIRCUIT ⓧ¹²⁰
INDICATES A CHANGE OF CONTROL, BUT SAME CIRCUIT ||



16170 GROUNDING
ALL GENERAL PURPOSE RECEPTACLES SHALL BE 20 AMPERES, 120 VOLTS, AC, HEAVY-DUTY SPECIFICATION GRADE, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR. USE TAMPER-PROOF RECEPTACLES IN THE DWELLINGS.
ALL LIGHTING CONTROL SWITCHES SHALL BE TOGGLE TYPE 20 AMPERES, 120 VOLTS, AC, HEAVY-DUTY SPECIFICATION GRADE, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR.
GFCI TYPE RECEPTACLES SHALL BE 20 AMPERES, 120 VOLTS, COMMERCIAL SPECIFICATION GRADE, CLASS A GFCI, AND MUST MEET OR EXCEED ALL LATEST UL943 (3RD EDITION) AND UL 498 REQUIREMENTS, AS MANUFACTURED BY HUBBELL, COOPER, OR P&S. ARCHITECT TO SELECT COLOR.
ALL WEATHERPROOF RECEPTACLES TO BE RATED WEATHERPROOF AND WEATHER RESISTANT AND SHALL BE EQUIPPED WITH HINGED COVERS DESIGNED TO CLOSE OVER CONNECTED POWER CORDS. PER N.E.C.
COVER PLATES TO BE HIGH ABUSE NYLON FOR USE WITH FLUSH MOUNTED OUTLET BOXES AND STEEL FOR SURFACE BOXES.
CATALOG INFORMATION, DATA SHEETS, ETC. ARE REQUIRED FOR ALL ITEMS INCLUDING COVER PLATES.

16170 GROUNDING
ALL GROUNDING SHALL BE INSTALLED PER THE LATEST EDITION OF THE N.E.C.
ALL RACEWAYS INCLUDING FLEXIBLE CONDUIT USED FOR LIGHTING, POWER AND CONTROL WIRING SHALL INCLUDE A GREEN GROUNDING CONDUCTOR.
OCCUPANCY SENSOR TYPES
ⓧ¹²⁰ CEILING MOUNTED OCCUPANCY SENSOR-SENSOR SWITCH NR POT 10-LTV (LINE-VOLTAGE 120 V) (LOW TEMPERATURE)
NOTE:
LOCATE AND MOUNT OCCUPANCY SENSORS AS RECOMMENDED BY THE MANUFACTURER.

SAFETY SWITCHES:
ALL SAFETY SWITCHES SHALL BE HEAVY-DUTY TYPE 240V CAPABLE OF BEING LOCKED IN THE OFF AND THE ON POSITIONS, AND SHALL BE CONTAINED IN NEMA 1 TYPE ENCLOSURES FOR INDOOR USE, AND IN NEMA 3R OR NEMA 4, FOR OUTDOOR USE.
SAFETY SWITCHES SHALL INCLUDE A GROUND BAR AND NEUTRAL BAR WHERE A NEUTRAL CONDUCTOR IS USED. PRODUCT SUBMITTALS ARE REQUIRED ON ALL PRODUCTS.

PANELBOARDS/LOAD CENTERS
LOAD CENTERS TO BE SQUARE D, TYPE GO
PANELBOARDS SHALL BE SQUARE D, TYPE NO. UP TO 400A AND USE "I" LINE TYPE ABOVE 400 A. ALL PANELBOARDS/LOAD CENTERS SHALL BE FULLY RATED WITH COPPER BUSING. REFER TO DRAWINGS FOR MORE DETAILS.
16510 INTERIOR LIGHTING FIXTURES
ALL GENERAL LIGHTING FIXTURES, EMERGENCY LIGHTING AND EXIT LIGHTS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR INCLUDING FURNISHING AND INSTALLING ALL RELATED MOUNTING HARDWARE, PLASTER FRAMES, ADAPTERS, OUTLET BOXES/HANGERS, SUPPORTS, ETC. TO RENDER A COMPLETE INSTALLATION READY FOR OPERATION.
THE CONTRACTOR SHALL INSURE THAT DRIVE/POWER SUPPLY DISCONNECTING MEANS FOR LED LIGHTING IN ACCORDANCE WITH THE N.E.C. 410.130(g) ARE MET FOR ALL LIGHT FIXTURES USED ON THIS PROJECT.
REFER TO THE DRAWINGS FOR DETAILS ON GENERAL LIGHTING AND EMERGENCY LIGHTING AND EXIT LIGHTS.

EXCAVATION, BACKFILL AND COMPACTION
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION, BACKFILL, COMPACTION AND SURFACE RESTORATION (MACADAM, CONCRETE DRIVEWAYS, MALPASAS, CURBING, ETC.) MAKE REQUIRED PA 1 CALL AND CLEAR ALL SUBSURFACE UTILITIES FOR ALL UNDERGROUND WORK.
ALL WORK SHALL BE DONE TO THE COMPLETE SATISFACTION OF THE OWNER.

GENERAL NOTES
ALL CIRCUITS FOR POWER INDICATED SHALL BE 1/2 AND 1#120 (MIN.) WITHIN RACEWAY UNLESS INDICATED OR REQUIRED. (USE MC CABLE ONLY AS APPROVED BY SPECS OR THE DRAWINGS.)
OTHER:
GENERALLY ALL RACEWAYS, CABLES, AND OUTLET BOXES SHALL BE INSTALLED CONCEALED IN WALLS AND CEILINGS, EXCEPT IN UNFINISHED AREAS WITH EXPOSED CEILINGS THEN USE SURFACE IN WALLS AND CEILINGS, UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION OF ALL OUTLETS BEFORE ROUGHING IN FOR THE OUTLET. THE OWNER SHALL HAVE THE RIGHT TO RELOCATE ANY OUTLET ON THE PROJECT TEN (10) FEET FROM THE LOCATION INDICATED ON THE PLANS, PRIOR TO ROUGHING IN THE FOR THE OUTLET.
ALL WIRING AND CABLING SHALL BE PROPERLY MARKED FOR IDENTIFICATION.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF CONSTRUCTION AS REQUIRED TO ACCOMMODATE ALL ELECTRICAL WORK UNDER THIS PROJECT.
ALL OUTLET BOXES USED ON THE EXTERIOR OF THE BUILDING MUST BE SUITABLE FOR WET LOCATION.
THE CONTRACTOR SHALL MAINTAIN THE FIRE RATING OF ALL WALLS AND THE CEILINGS, COORDINATE ALL WORK WITH THE GENERAL CONSTRUCTION DRAWINGS AND THE ARCHITECT.
"THE CONTRACTOR", "THIS CONTRACTOR" OR "CONTRACTOR" WHEN USED ON THE DRAWINGS SHALL BE UNDERSTOOD TO MEAN THE ELECTRICAL CONTRACTOR.
THE WORD "PROVIDE" WHEN USED ON THE DRAWINGS SHALL BE UNDERSTOOD TO MEAN "FURNISH, INSTALL AND CONNECT".
ALL EQUIPMENT SUCH AS SAFETY SWITCHES AND PANELBOARDS SHALL BE PROVIDED WITH IDENTIFICATION TAGS INDICATING ITEM "NAME" OR THE "LOAD CONTROLLED" AS DIRECTED BY THE PROFESSIONAL.
THE MANUFACTURER NAMES AND CATALOG NUMBERS INDICATED ON THE DRAWINGS FOR ELECTRICAL EQUIPMENT ARE TO ESTABLISH QUALITY, PERFORMANCE AND APPEARANCE. THE CONTRACTOR MAY SUBSTITUTE PRODUCTS OF OTHER MANUFACTURERS SO LONG AS THE PRODUCT IS OF EQUAL OR BETTER QUALITY AND PERFORMANCE AS THE SPECIFIED PRODUCT. SHOP DRAWINGS OR CATALOG DATA SHALL BE SUBMITTED FOR APPROVAL.
ANY MAIN DISCONNECT SWITCH, CIRCUIT BREAKER, PANEL, LOAD CENTER USED AS SERVICE ENTRANCE EQUIPMENT SHALL BE LABELED ACCORDINGLY.

MOUNTING HEIGHTS
42" AFF LIGHT CONTROL SWITCH
18" AFF OR AS IND'D RECEPTACLES
ALL MOUNTING HEIGHT SHALL BE AS INDICATED ABOVE UNLESS INDICATED OTHERWISE.

ABBREVIATIONS
A AMPERE KW KILOWATT
AFF ABOVE FINISHED FLOOR LTG LIGHTING
AFG ABOVE FINISHED GRADE MC MECHANICAL CONTRACTOR
C CONDUIT MTD MOUNTED
CKT CIRCUIT MTR MOTOR
DISC DISCONNECT MLD MAIN LUG ONLY
DN DOWN P POLE
DWG DRAWING FC PLUMBING CONTRACTOR
EC ELECTRICAL CONTRACTOR PNL PANELBOARD
ENC ELECTRIC WATER COOLER PH PHASE
FT FEET SW SWITCH
GC GENERAL CONTRACTOR V VOLT
GND GROUND WP WEATHERPROOF
HP HORSEPOWER C/B CIRCUIT BREAKER
JB JUNCTION BOX W/ WITH

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NO. DATE DESCRIPTION ISSUED FOR PERMIT
1 07/29/24

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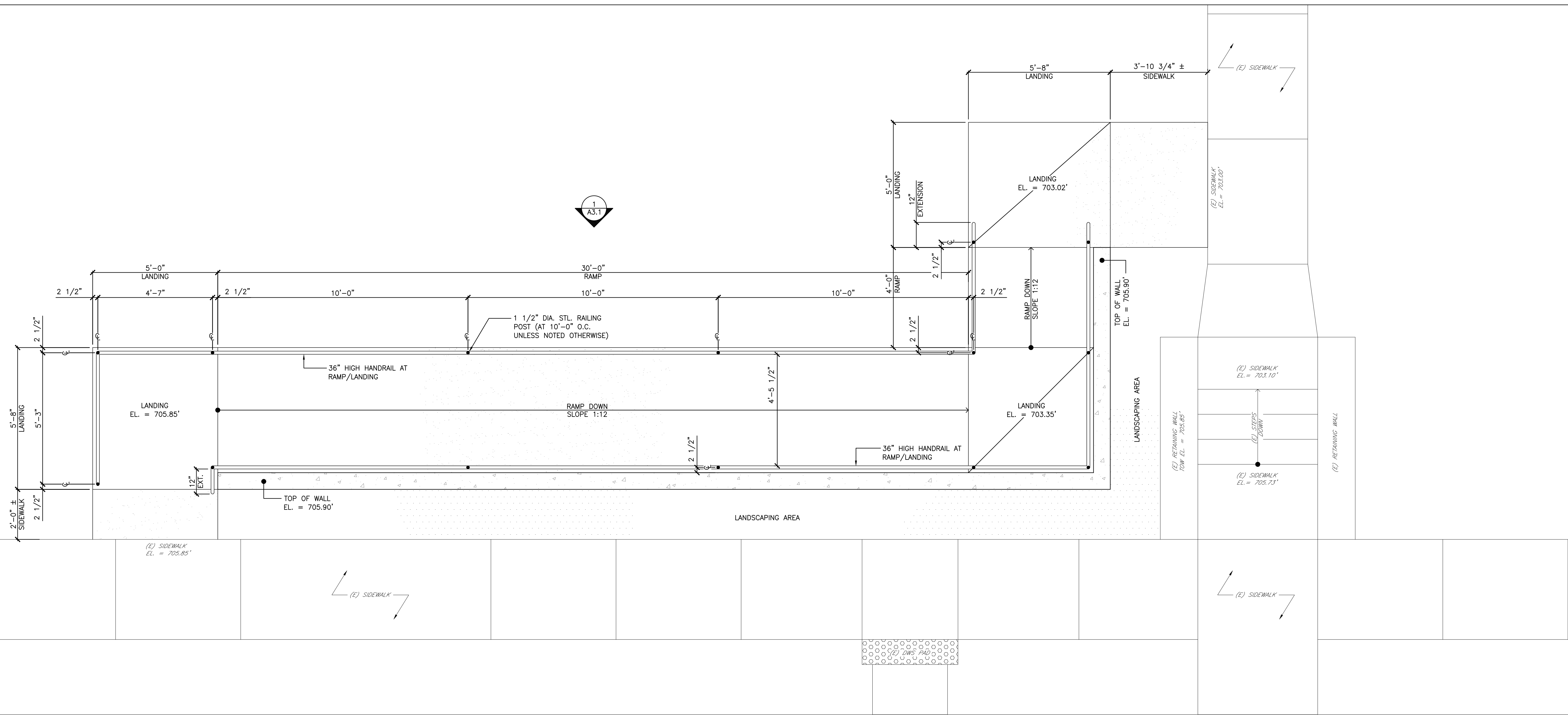
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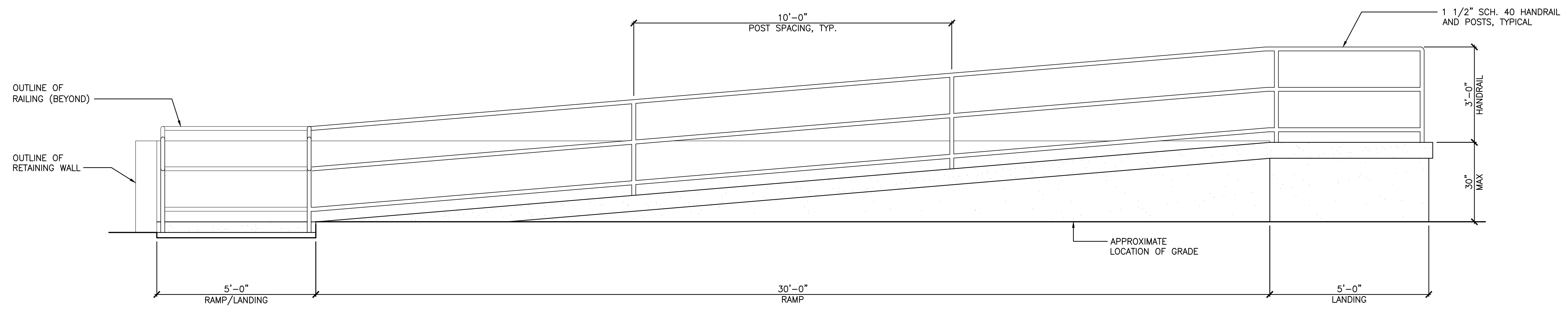


**RESTROOM/PAVILION/ADA RAMP
for McCURE STATION PARK**
BOROUGH OF McCURE
SNYDER COUNTY, PA

PROJECT No.: 21085_01_01
SCALE: AS NOTED
DRAWN BY: T.S.F.
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**PAVILION
ELECTRICAL PLAN**
DRAWING No.:
E 2.1



HANDICAP RAMP PLAN
SCALE: 1/2" = 1'-0"
PLAN NORTH



1 ELEVATION
A3.1 ADA RAMP
SCALE: 1/2" = 1'-0"

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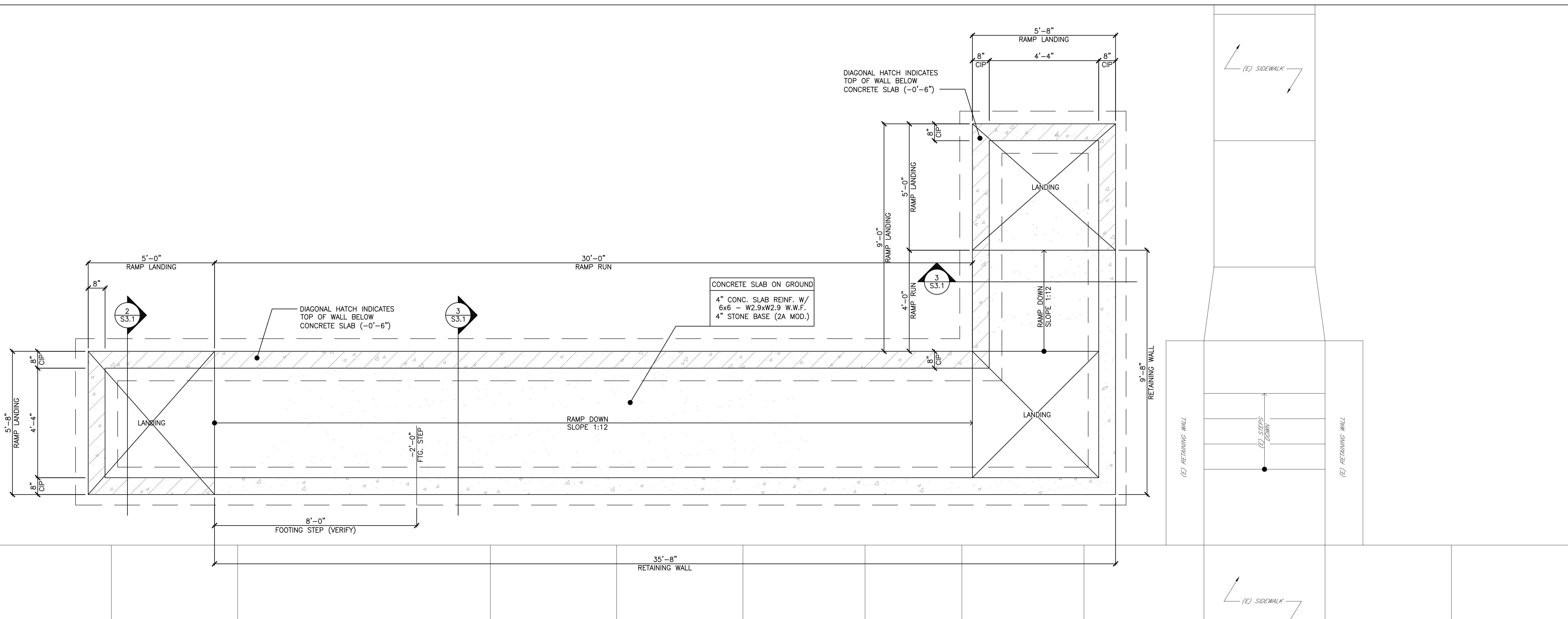


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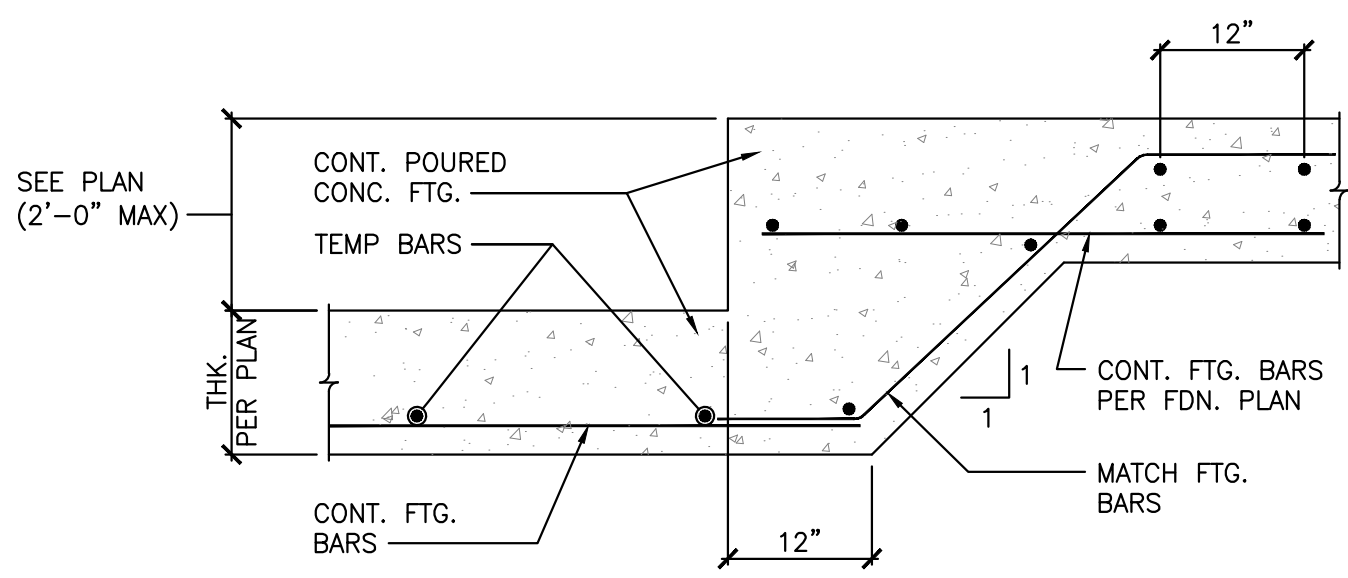
BOROUGH OF McCURE
SNYDER COUNTY, PA

PROJECT No:	21085_01_01
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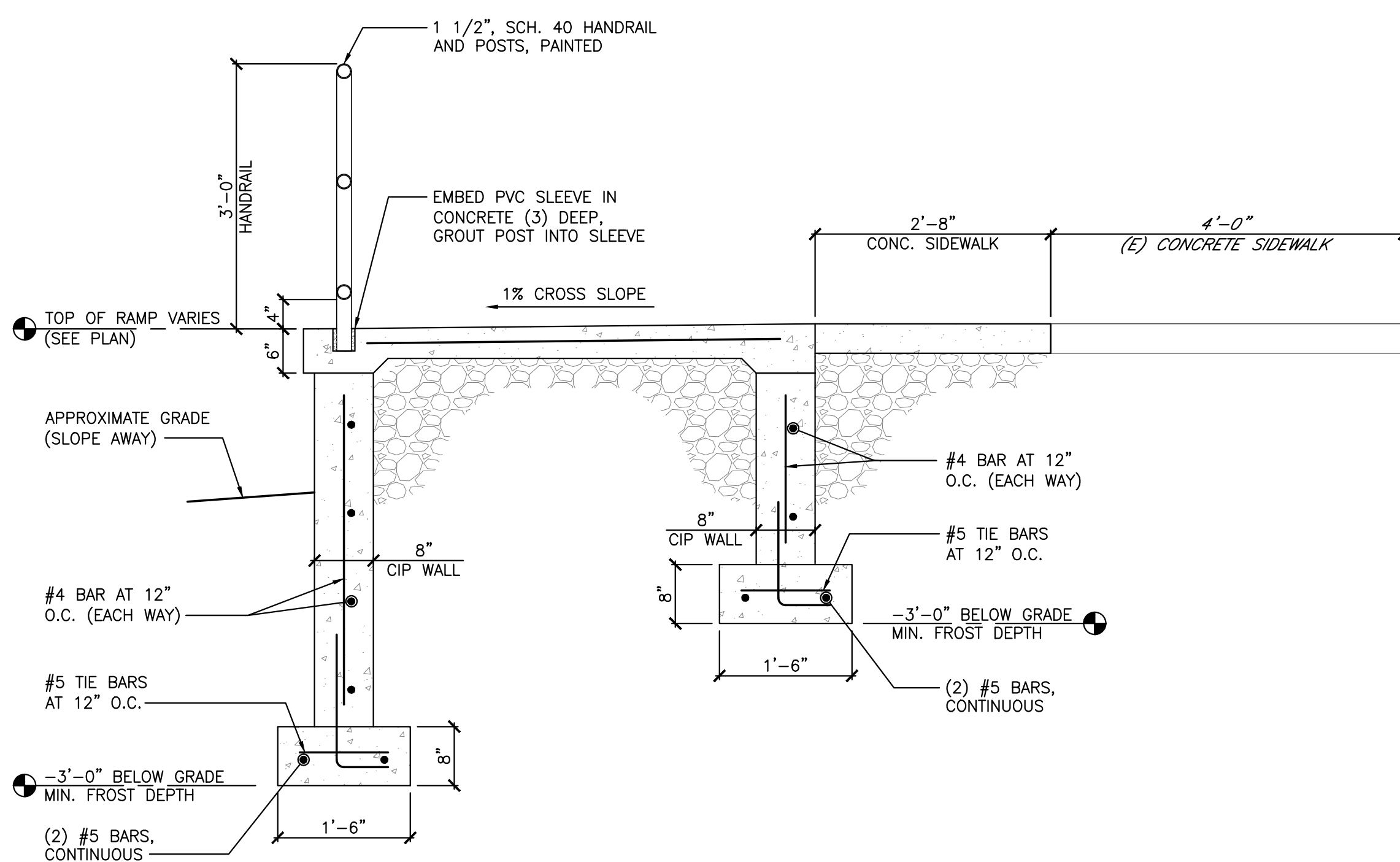
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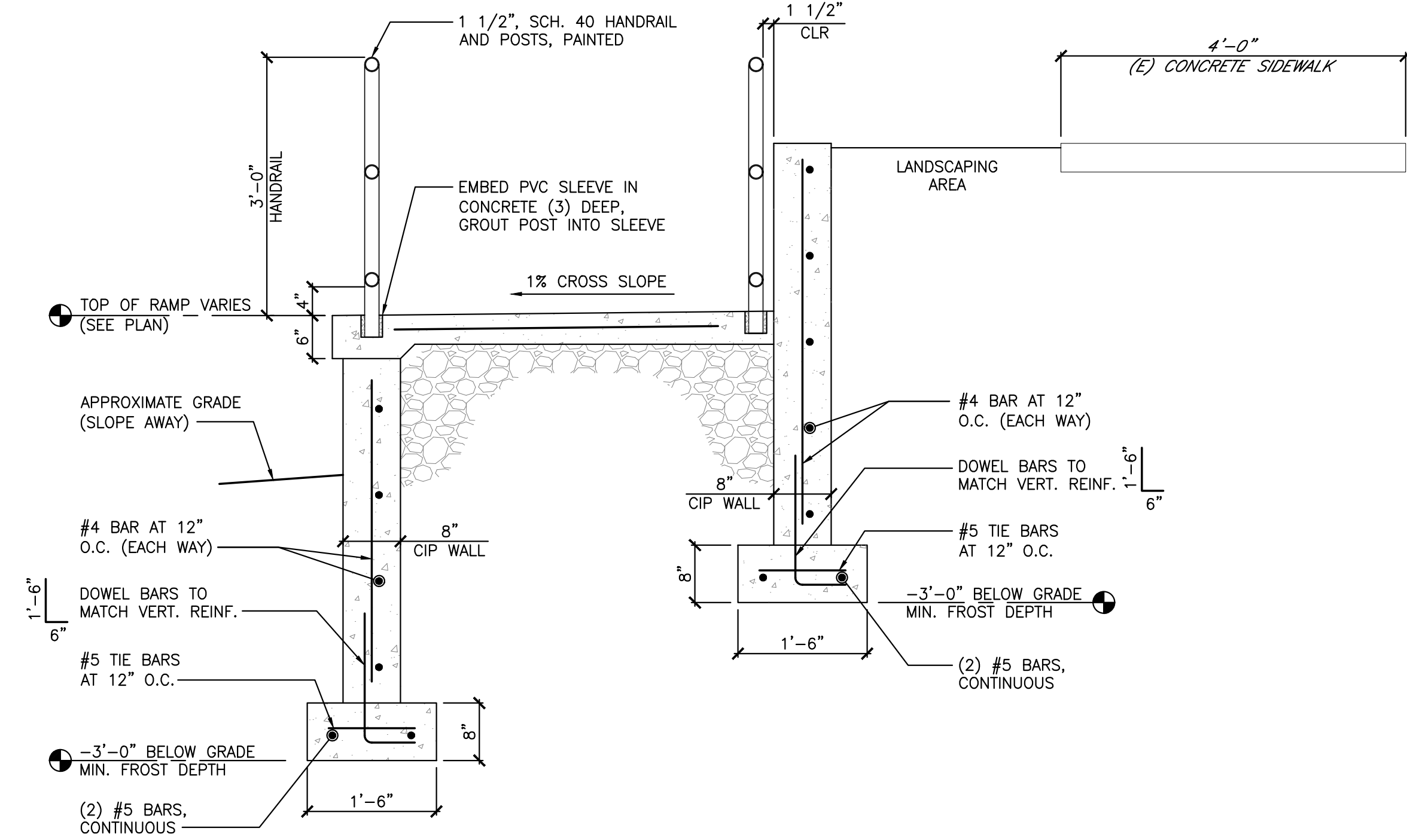
HANDICAP RAMP FOUNDATION
SCALE: 1/2" = 1'-0"
PLAN NORTH



1 STEPPED FOOTING, TYP.
SCALE: 3/4" = 1'-0"



2 RAMP CROSS SECTION
SCALE: 3/4" = 1'-0"



3 RAMP CROSS SECTION
SCALE: 3/4" = 1'-0"

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CES ENGINEERING, LLC
"PUTTING YOU FIRST"
HUNTINGDON, PA

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