

BADGER-HICKEY PARK RESTROOMS & SHELTER

1007 PALACE STREET LA CROSSE, WI

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EARTH			
CONCRETE			
MASONRY			
WOOD			
INSULATION			
METAL			
MISC.			

SYMBOL LEGEND

	ROOM NAME
	KEYED NOTE
	WINDOW TYPE
	WALL TAG TYPE
	DOOR NUMBER
	DETAIL NUMBER
	SHEET NUMBER
	SECTION NUMBER

OWNER:
CITY OF LA CROSSE
400 LA CROSSE STREET
LA CROSSE, WISCONSIN 54601
608.789.7200

ARCHITECT:
RIVER ARCHITECTS, INC.
740 7TH STREET NORTH
LA CROSSE, WISCONSIN 54601
608.785.2217

STRUCTURAL:
MEYER BORGMAN JOHNSON
125 SOUTH BROADWAY, SUITE 200
DE PERE, WISCONSIN 54115
920.351.0525

PLUMBING/MECHANICAL/ELECTRICAL:
GALILEO CONSULTING GROUP, LLC
2920 EAST AVENUE SOUTH, SUITE 102
LA CROSSE, WISCONSIN 54601
608.787.9106

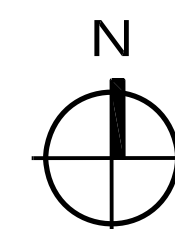
ARCHITECTURAL ABBREVIATIONS

A.B. ANCHOR BOLT	EPI. EXTRUDED POLYSTYRENE	L. LENGTH	REQD. REQUIRED
A/C AIR CONDITIONING	EQ. EQUIPMENT	LAV. LAVATORY	REV. REVISION
A.C.P. ACoustical PANEL CEILING TILE	EQU. EQUIPMENT	LOC. LOCATE	RM. ROOM
A.F.F. ABOVE FINISHED FLOOR	E.W. EACH WAY	LF. LINEAR FOOT	R.O. ROUGH OPENING
ALUM. ALUMINUM	EWC. ELECTRIC WATER COOLER	LL. LIVE LOAD	RT. RIGHT
ALT. ALTERNATE	EXH. EXHAUST	LL.H. LONG LEG HORIZONTAL	RVL. REVEAL
AP. ACCESS PANEL	EXT. EXISTING	LL.V. LONG LEG VERTICAL	SA. SUPPLY AIR
APPROX. APPROXIMATE(LY)	EXP. EXPOSED	LT. WT. LIGHT WEIGHT	SC. SOLID CORE
ASPH. ASPHALT	EXT. EXTERIOR	MANUF. MANUFACTURER	SCHE. SCHEDULE
ATTM. ATTACHMENT	FAC. FIRE ACCESS CABINET	MAS. MASONRY	SECT. SECTION
BD. BOARD	F.D. FLOOR DRAIN	MAK. MAXIMUM	SF. SQUARE FOOT
BLDG. BUILDING	FE. FIRE EXTINGUISHER	M.B. MACHINE BOLT	SH. SHELF, SHELVING, SHOWER
BLOCK. BLOCKING	FEC. FIRE EXTINGUISHER CABINET	MECH. MECHANICAL	SHT. SHEET
BM. BEAM, BENCH MARK	F.G. FIBERGLASS	MEMB. MEMBRANE	S.M. SIMILAR
B.O. BOTTOM OF	FN. FINISH	MEZZ. MEZZANINE	S.M.S. SHEET METAL SCREENS
BOTTOM. BOTTOM	F.O. FINISHED OPENING	MFR. MANUFACTURER	S.O.G. SLAB ON GRADE
BRG. BEARING	FRMG. FRAMING	MIN. MINIMUM	SPEC. SPECIFICATIONS
B/S BOTH SIDES	FLR. FLOOR	MISC. MISCELLANEOUS	SPKR. SPEAKER
BSMT. BASEMENT	FLUR. FLUORESCENT	M.O. MASONRY OPENING	SQ. SQUARE
BTWN. BETWEEN	FDN. FOUNDATION	MTL. METAL	SS. STAINLESS STEEL
C/C CENTER TO CENTER	FRG. FURRING	M.R. MOISTURE RESISTANT	STC. SOUND TRANSMISSION
C.I.P. CAST IN PLACE	FRS. FIRE-RETARDANT TREATED	N.I.C. NOT IN CONTRACT	STD. STANDARD
CF. CUBIC FEET	FT. FOOT (FEET)	NO. NUMBER	STL. STEEL
CJ. CONTROL JOINT	FT. FOOT (FEET)	NOM. NOMINAL	STRUC. STRUCTURAL
CHNL. CHANNELS	FT. FOOT (FEET)	N/S. NEAR SIDE	SUSP. SUSPENDED
CL. CENTERLINE	FT. FOOT (FEET)	N.T.S. NOT TO SCALE	SQ. SQUARE YARD
CLG. CEILING	G. GAS	O/C ON CENTER	SYM. SYMMETRICAL
CLR. CLEAR	GA. GAUGE	O.D. OUTSIDE DIAMETER	T. TREAD
CLK. CALKING	GALV. GALVANIZED	O.F. OUTSIDE FACE	T+G. TONGUE AND GROOVE
CMU. CONCRETE MASONRY UNIT	GB. GRAB BAR	O.H. OVERHEAD, OVERHANG	T.B.B. TILE BACKER BOARD
CMNT. CEMENT	G.C. GENERAL CONTRACT(OR)	O/OPNG. OPENING	T.B.D. TO BE DETERMINED
CO. CLEANOUT	GL. GLASS, GLAZING	OPP. OPPOSITE	TELE. TELEPHONE
COL. COLUMN	GYP. GYPSUM WALL BOARD	OSB. ORIENTATED STRAND BOARD	TONGUE AND GROOVE
CONC. CONCRETE	GYP. GYPSUM	PART. PARTITION	THK. THICKNESS
CONTN. CONTINUE, CONTINUOUS	H.B. HOSE BIB	PCF. POUNDS PER CUBIC FOOT	T.O. TOP OF
CONST. CONSTRUCTION	H.C. HOLLOW CORE	PE. PEDESTAL	T.O.L. TOP OF LEDGE
CR. CURB RAMP	HRD. HEADER	PERP. PERPENDICULAR	T.O.F. TOP OF FOOTING
CRPT. CARPET	HW. HARDWARE	PL. PLATE	T.O.S. TOP OF STEEL
CT. CERAMIC TILE	HGT. HEIGHT	PLAM. PLASTIC LAMINATE	T.O.W. TOP OF WALL
CTR. CENTER	H.M. HOLLOW METAL	PLAS. PLASTIC	TY. TYPICAL
CY. CUBIC YARD	HORIZ. HORIZONTAL	PLB. PLUMBING	UH. UNIT HEATER
DBL. DOUBLE	HR. HOUR	PLF. POUNDS PER LINEAL FOOT	U.N.O. UNLESS NOTED OTHERWISE
DET. DETAIL	HTG. HEATING	POLY. POLYETHYLENE	V.B. VAPOR BARRIER
DIA. DIAMETER	HVAC. HEATING/VENTILATING/AIR	PROJ. PROJECT, PROJECTED	VCT. VINYL COMPOSITION TILE
DIAG. DIAGONAL	COND. CONDITIONING	PROP. PROPERTY	V.P.C. V.P.C. PANEL CEILING
DIM. DIMENSION	HW. HOT WATER	PSF. POUNDS PER SQUARE FOOT	VERT. VERTICAL
DIST. DISTANCE	H.W.S. HEADED WELDED STUDS	PSI. POUNDS PER SQUARE INCH	VT. VINYL TILE
DN. DOWN	HYD. HYDRANT	P.T. PRESSURE TREATED	W. WATER
DR. DOOR, DRAIN	I.D. INSIDE DIAMETER	PNT. PAINT(ED)	WD. WOOD
D.S. DOWN SPOUT	IE. INVERT ELEVATION	PVC. POLYVINYL CHLORIDE	WF. WIDE FLANGE
DTL. DETAIL	INS. INSULATION	PVM. PAVEMENT	WO. WITHOUT
DW. DISHWASHER	INSUL. INSULATED, INCLUDING INTERIOR	PWD. PLYWOOD	WP. WATERPROOFING
DWALL. DRYWALL	INT. INTERIOR	Q.T. QUARRY TILE	W.P.C. WOOD PANEL CEILING
DWG. DRAWING	IN. INCH	R. RADIUS, RISER	WCT. WAINSCOT
DWLS. DOWELS	INT. INTERIOR	RA. RETURN AIR	WLF. WELDED WIRE FABRIC
EA. EACH	J. JOIST	R.D. ROOF DRAIN	
E.F. EACH FACE	JT. JOINT	RDM. RANDOM	
EFS. EXTERIOR INSULATION FINISH	KCJ. KEYED CONSTRUCTION JOINT	RE. REFER TO	
EL. ELEVATION	KIT. KITCHEN	REF. REFERENCE, REFRIGERATOR	
ELEC. ELECTRICAL	K.O. KNOCKOUT	REINF. REINFORCED, REINFORCEMENT	
ELEV. ELEVATION	KWY. KEYWAY		
EPDM. ETHYLENE-PROPYLENE-DIENE-MONOMER			



PROJECT SITE
1007 PALACE STREET
LA CROSSE, WI

PROJECT LOCATION MAP



ARCHITECTURAL	
STRUCTURAL	
PLUMBING / MECHANICAL / ELECTRICAL	

GENERAL NOTES - DEMOLITION:

- FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT PROJECT SITE PRIOR TO SUBMITTING BID AND NOTIFY ARCHITECT OF DISCREPANCIES OR PERCEIVED DIFFICULTIES
- PRIOR TO ANY EARTHWORK ACTIVITY, ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND APPROPRIATE PERMITS SHALL BE OBTAINED
- THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, ARE APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE & PRESERVE ANY & ALL UTILITIES. **CALL DIGGERS HOT LINE (800) 242-8511**
- THE UNDERGROUND LOCATIONS OF PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. LOCATIONS OF PRIVATELY OWNED UTILITIES WERE NOT MARKED OR RECORDED
- THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THESE PLANS
- ALL ITEMS LISTED FOR DEMOLITION SHALL BE RE-USED OR REMOVED COMPLETELY AND DISPOSED OF AS SPECIFIED OR AS INDICATED
- EXERCISE EXTREME CARE DURING DEMOLITION SO AS TO NOT DAMAGE CONSTRUCTION AND OTHER STRUCTURES THAT ARE INTENDED TO REMAIN. ANYTHING DAMAGED AT THE TIME OF WORK IS TO BE REPLACED AND/OR REPAIRED TO MATCH EXISTING CONSTRUCTION AT CONTRACTOR'S EXPENSE
- ALL DEMOLITION PLANS ARE PROVIDED FOR REFERENCE ONLY. LOCATIONS OF PAVEMENT, FIXTURES, ETC. ARE APPROXIMATE AND SHALL BE VERIFIED BY THE DEMOLITION CONTRACTOR
- ADDITIONAL DEMOLITION NOTES ARE INCLUDED THROUGHOUT THE DRAWINGS. REFER TO ALL OTHER PLANS, INCLUDING, BUT NOT LIMITED TO MECHANICAL, ELECTRICAL AND PLUMBING FOR COMPLETE SCOPE OF WORK TO BE INCLUDED. COORDINATE SPECIFIC WORK WITH EACH SUB-CONTRACTOR
- TEMPORARY POWER IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR FOR THE DURATION OF THE PROJECT
- ALL MECHANICAL, ELECTRICAL AND PLUMBING DEMOLITION ITEMS SHOWN ON THE ARCHITECTURAL DEMOLITION DRAWINGS ARE TO BE DEMOLISHED BY THE MEP SUB-CONTRACTORS
- BENCHMARK: THE BENCHMARK IS THE TOP NUT OF THE FIRE HYDRANT LOCATED ON THE NORTH SIDE OF PALACE STREET. ELEVATION = 644.30 FEET

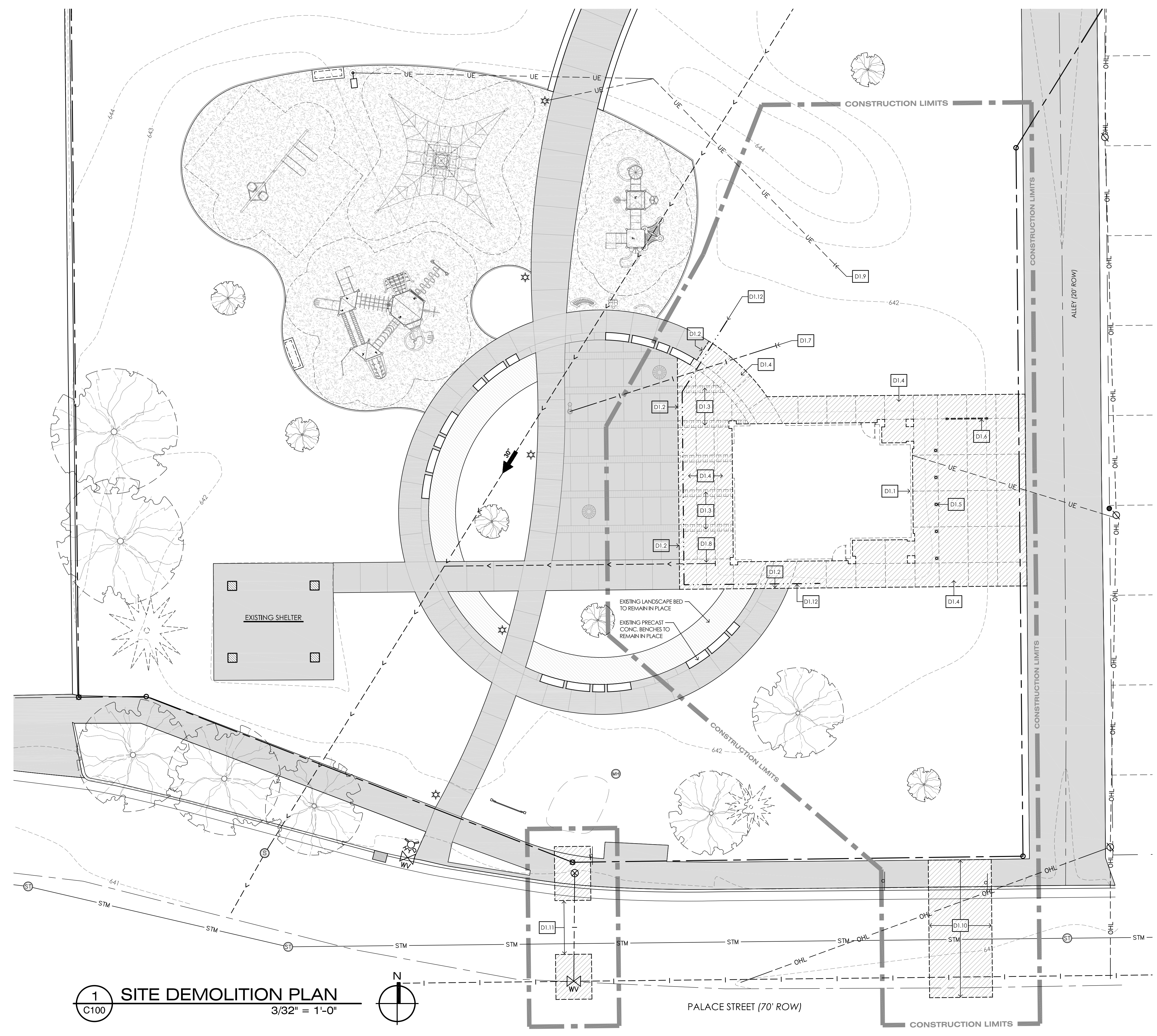
KEYED NOTES - DEMOLITION:

- RESTROOMS / PARK SHELTER HAS BEEN DEMOLISHED AND REMOVED BY OWNER. EXISTING UTILITIES HAVE BEEN CAPPED AND MARKED ON SITE. GENERAL CONTRACTOR TO FIELD VERIFY FULL EXTENT OF OWNER'S DEMOLITION ACTIVITIES AND DETERMINE IF ADDITIONAL DEMOLITION AND / OR REMOVAL IS NECESSARY TO COMPLETE THE WORK. ALL REQUIRED ADDITIONAL DEMOLITION AND REMOVAL IS TO BE INCLUDED IN THE GENERAL CONTRACTOR'S BASE BID NUMBER
- SAW CUT EXISTING CONCRETE PAVEMENT AS NECESSARY TO PREPARE FOR ADDITIONAL PAVEMENT REMOVAL. SAW CUTS TO BE ALIGNED WITH EXISTING CONTROL JOINT LOCATIONS WHENEVER POSSIBLE
- EXISTING CONCRETE UNIT PAVERS HAVE BEEN SALVAGED BY OWNER. REMOVE AND SALVAGE ADDITIONAL CONCRETE UNIT PAVERS AS NECESSARY FOR REINSTALLATION BY THE GENERAL CONTRACTOR DURING NEW WORK
- EXISTING CONCRETE PAVEMENT HAS BEEN DEMOLISHED AND REMOVED BY OWNER. GENERAL CONTRACTOR TO FIELD VERIFY EXACT EXTENTS OF OWNER'S PAVEMENT REMOVAL AND DETERMINE IF ADDITIONAL REMOVAL IS NECESSARY TO COMPLETE THE WORK. ALL REQUIRED ADDITIONAL PAVEMENT REMOVAL IS TO BE INCLUDED IN THE GENERAL CONTRACTOR'S BASE BID NUMBER
- EXISTING METAL BOLLARDS HAVE BEEN REMOVED AND SALVAGED BY THE OWNER FOR REINSTALLATION BY THE G.C. DURING NEW WORK (TYPICAL 5 LOCATIONS)
- EXISTING BIKE RACK HAS BEEN REMOVED AND SALVAGED BY THE OWNER FOR REINSTALLATION BY THE GENERAL CONTRACTOR DURING NEW WORK
- OWNER'S DEMOLITION CONTRACTOR HAS TERMINATED THE EXISTING WATER SUPPLY FOR THE DRINKING FOUNTAIN IN THIS GENERAL LOCATION. REFER TO PLUMBING DRAWINGS
- OWNER'S DEMOLITION CONTRACTOR HAS TERMINATED THE EXISTING SANITARY LINE IN THIS GENERAL LOCATION. REFER TO PLUMBING DRAWINGS
- OWNER'S DEMOLITION CONTRACTOR HAS TERMINATED THE EXISTING UNDERGROUND CONDUITS AND SITE LIGHTING CIRCUITS IN THIS GENERAL LOCATION. REFER TO ELECTRICAL DRAWINGS
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET, CURB, GUTTER AND SIDEWALK DEMOLITION, EXCAVATION, BACKFILL AND COMPACTION AS NECESSARY TO MAKE A NEW WATER SERVICE CONNECTION TO THE EXISTING MUNICIPAL WATER MAIN PER THE CITY OF LA CROSSE REQUIREMENTS AND STANDARDS - REFER TO PLUMBING DRAWINGS
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET, CURB, GUTTER AND SIDEWALK DEMOLITION, EXCAVATION, BACKFILL AND COMPACTION AS NECESSARY TO CAP THE EXISTING WATER SERVICE PER THE CITY OF LA CROSSE REQUIREMENTS AND STANDARDS - REFER TO PLUMBING DRAWINGS
- CONTRACTOR OPTION:
A. INSTALL TEMPORARY SHORING AS REQUIRED PRIOR TO BUILDING EXCAVATION TO PREVENT UNDERMINING OF EXISTING CONSTRUCTION THAT IS TO REMAIN IN PLACE - **OR** -
B. REMOVE AND REPLACE ADDITIONAL AREAS OF EXISTING PAVEMENT, UNIT PAVERS, LANDSCAPING, PLANTINGS, ETC. DISTURBED BY CONSTRUCTION ACTIVITIES IN LIEU OF INSTALLING TEMPORARY SHORING. ANY CONTRACTOR-DIRECTED ADDITIONAL REPLACEMENTS / REINSTALLATIONS ARE TO MATCH EXISTING CONDITIONS

SITE PLAN SYMBOL KEY:

○ = SET 3/4" DIA x 24" LONG IRON ROD	⊗ = TOP NUT OF HYDRANT
⊗ = SET DRILL HOLE W/ CHISELED "H"	⊗ = WATER GATE VALVE
● = FOUND 1-1/4" IRON PIPE	⊗ = GAS VALVE
⊗ = UNKNOWN MANHOLE	GM ⊗ = GAS METER
⊗ = ELECTRIC MANHOLE	⊗ = SIGN
⊗ = FIBER OPTIC / COMM. MANHOLE	⊗ = LIGHT POLE
⊗ = GAS MANHOLE	⊗ = UTILITY POLE
⊗ = WATER MANHOLE	⊗ = STORM WATER INLET / BASIN
⊗ = SANITARY SEWER MANHOLE	⊗ = CONIFEROUS TREE
⊗ = STORM SEWER MANHOLE	⊗ = DECIDUOUS TREE
⊗ = STORM DRAIN	

— = CENTERLINE	100.00 X = EXISTING SPOT ELEVATION
— OHL — = OVERHEAD UTILITY LINE	100.00 X = PROPOSED SPOT ELEVATION
— UE — = UNDERGROUND ELECTRIC LINE	— 642 — = EXISTING CONTOUR LINE
— FO — = UNDERGROUND FIBER OPTIC	— 670 — = PROPOSED CONTOUR LINE
— UGS — = UNDERGROUND GAS LINE	— — = CONCRETE CURB + GUTTER
— UGT — = UNDERGROUND COMMUNICATION	— — = LANDSCAPING EDGE
— — = SANITARY SEWER LINE	— — = EXISTING CONCRETE PAVEMENT TO REMAIN
— STM — = STORM SEWER LINE	
— — = WATER MAIN LINE	
— X — = CHAIN LINK FENCE (UNLESS NOTED)	
— — = FENCE LINE	
— — = SILT FENCE	



1 SITE DEMOLITION PLAN
3/32" = 1'-0"

- GENERAL NOTES - CIVIL:**
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 - THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THESE PLANS
 - BENCHMARK: THE BENCHMARK IS THE TOP NUT OF THE FIRE HYDRANT LOCATED ON THE NORTH SIDE OF PALACE STREET. **ELEVATION = 644.30 FEET**
 - CONTOURS SHOWN ARE FOR FINISHED SURFACES. ANY ADJUSTMENT TO SUBGRADE IS THE CONTRACTOR'S RESPONSIBILITY
 - ALL DISTURBED AREAS THAT ARE UNPAVED ARE TO BE LANDSCAPED OR RESTORED TO LAWN AS INDICATED ON SITE PLAN
 - SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS AND SLOPES SHOWN. HOWEVER, CONTRACTOR SHALL NOTIFY THE ENGINEER IF SPOT ELEVATIONS DO NOT APPEAR TO AGREE WITH THE CONTOURS AND SLOPES LABELED
 - ALL FINISHED GRADING SHALL PROVIDE FOR A SMOOTH TRANSITION TO UN-GRADED AREAS
 - SIDEWALKS TO HAVE A MINIMUM CROSS SLOPE OF 1/8" PER FOOT AND A MAXIMUM CROSS SLOPE OF 1/4" PER FOOT UNLESS NOTED OTHERWISE

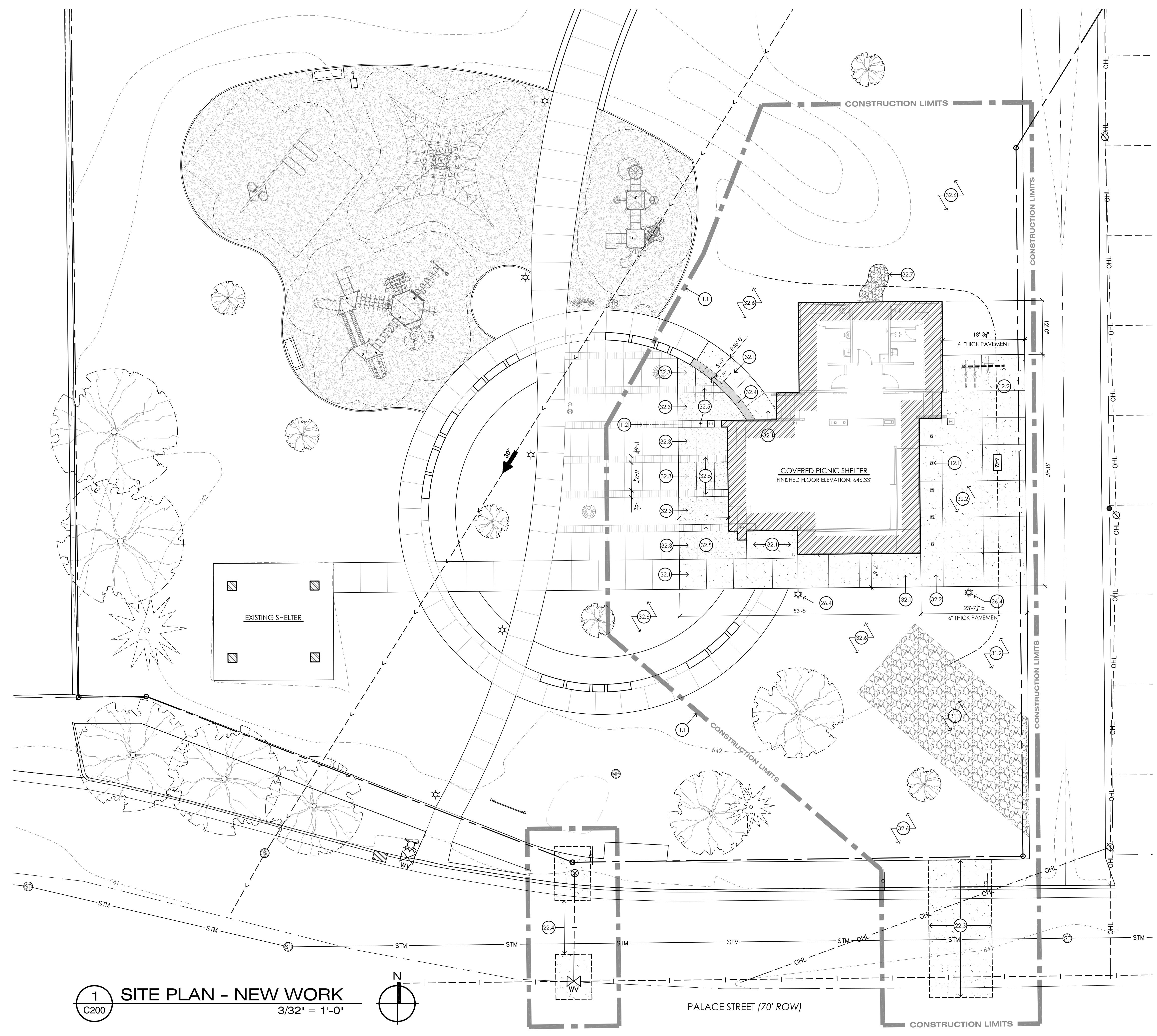
- STORM WATER POLLUTION PREVENTION NOTES:**
- REFER TO CITY OF LA CROSSE STANDARD EROSION CONTROL DETAILS FOR SILT FENCE AND SEDIMENT CONTROL MEASURES
 - SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION
 - ALL DISTURBED AREAS SCHEDULED FOR LAWN SHALL HAVE 4" MINIMUM TOPSOIL APPLIED, AND BE SEEDED AS SPECIFIED WITHIN 7 DAYS OF FINAL SOIL DISTURBANCE
 - SEED SHALL BE PLANTED IN A MANNER THAT ALLOWS THE SEED TO BE WORKED INTO THE SOIL AND COME IN FIRM CONTACT WITH THE SOIL
 - MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REMOVED WHEN NO LONGER NECESSARY
 - SILT FENCE SHALL BE PLACED DOWN SLOPE OF ALL SOIL STOCK PILES DURING CONSTRUCTION IF LEFT IN PLACE MORE THAN 7 DAYS. STOCK PILES SHALL BE SEEDED AND MULCHED IF LEFT FOR MORE THAN 14 DAYS
 - SEDIMENT DEPOSITED IN ROADWAYS OR RIGHT-OF-WAY DITCHES ADJACENT TO THE SITE AS A RESULT OF THIS WORK SHALL BE REMOVED. VEGETATION SHALL BE REESTABLISHED WHEN SEDIMENT REMOVAL DESTROYS THE EXISTING VEGETATION

- KEYED NOTES:**
- FURNISH AND INSTALL SITE ENCLOSURE FENCE AS REQUIRED TO ENCLOSE PROJECT SITE AS DETERMINED SUFFICIENT TO ACCOMMODATE THE WORK. EXISTING PLAYGROUND AREAS AND SIDEWALKS ARE TO REMAIN OPEN TO THE GREATEST EXTENT POSSIBLE FOR THE DURATION OF WORK
 - GRID LINE IS TO BE CENTERED ON EXISTING 18" WIDE BAND OF PRECAST PAVERS - THIS SETS THE NORTH / SOUTH ORIENTATION OF THE NEW SHELTER ON THE SITE
 - INSTALL SALVAGED METAL BOLLARDS (5 TOTAL)
 - INSTALL SALVAGED BIKE RACK - SEE DETAIL 4/C500
 - PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET PAVEMENT, CURB, GUTTER AND SIDEWALK REPLACEMENT AS NECESSARY AFTER MAKING NEW WATER SERVICE CONNECTION TO THE EXISTING MUNICIPAL WATER MAIN PER THE CITY OF LA CROSSE REQUIREMENTS AND STANDARDS - REFER TO PLUMBING DRAWINGS
 - PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET PAVEMENT, CURB, GUTTER AND SIDEWALK REPLACEMENT AS NECESSARY AFTER CAPPING THE EXISTING WATER SERVICE PER THE CITY OF LA CROSSE REQUIREMENTS & STANDARDS - REFER TO PLUMBING DRWGS
 - NEW BOLLARD LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
 - PROVIDE VEHICLE TRACKING CONTROL APRON AT LOCATION WHERE ENTERING AND EXITING THE SITE - SEE DETAIL 7/C500
 - PROVIDE CONCRETE WASHOUT FACILITY IN THIS GENERAL AREA
 - 4" THICK CONCRETE SIDEWALK - SEE DETAIL 1/C500. THICKEN SIDEWALKS TO 6" MINIMUM DEPTH AT ALL RAILINGS MOUNTING POINTS (REFER TO 1/A100 FOR SHELTER FLOOR PLAN)
 - 6" THICK CONCRETE PAVEMENT - SEE DETAIL 2/C500
 - 5" THICK CONCRETE PAVEMENT (CUSTOM INTEGRAL COLOR 'A' TO MATCH EXISTING CONCRETE PAVEMENT)
 - 12" THICK x 1'-8" WIDE CONCRETE GRADE BEAM (CUSTOM INTEGRAL COLOR 'B' TO MATCH EXISTING GRADE BEAMS)
 - REINSTALL SALVAGED CONCRETE UNIT PAVERS TO MATCH EXISTING CONDITIONS - SEE DETAIL 3/C500 FOR SLAB DEPRESSIONS
 - ALL DISTURBED LAWN AREAS SHALL BE HYDRO SEEDED OR RECEIVE STRAW MULCH BLANKETS AFTER SEEDING TO REESTABLISH LAWN
 - RIVER ROCK COBBLESTONE AT STORMWATER OUTLET. FURNISH AND INSTALL METAL LANDSCAPE EDGING AROUND EXTENTS OF COBBLESTONE - SEE DETAIL 5/C500

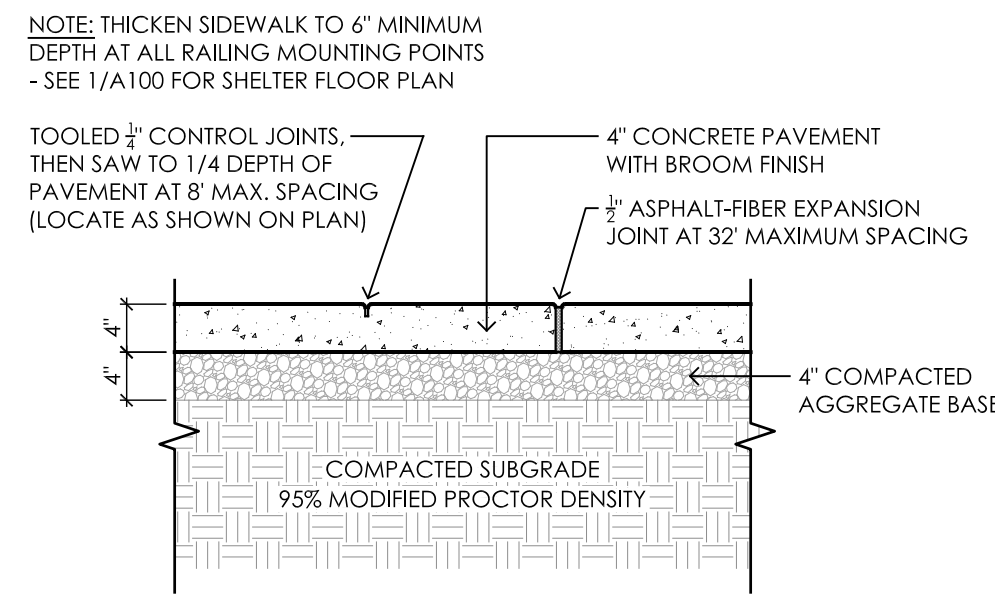
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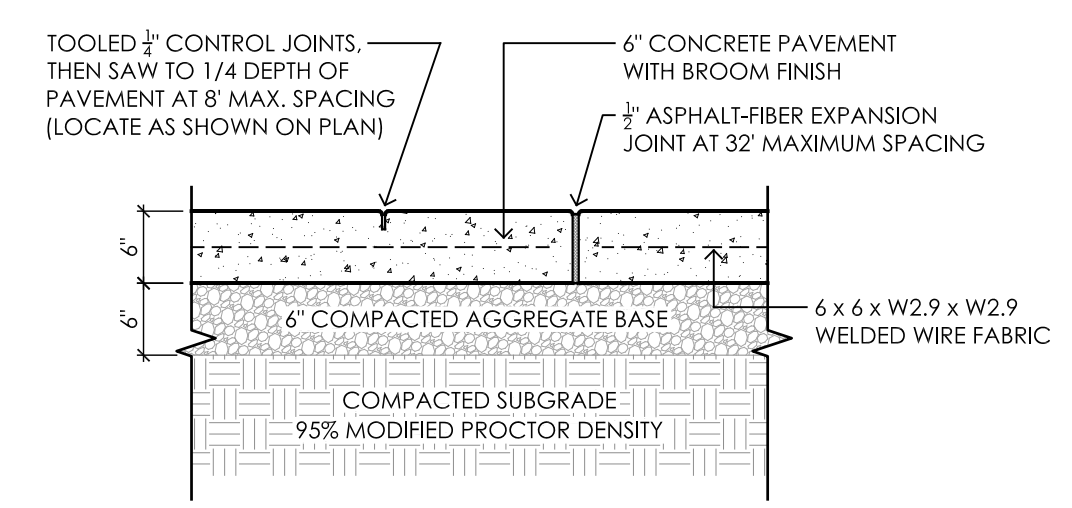
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— UGT = UNDERGROUND COMMUNICATION	— = LANDSCAPING EDGE
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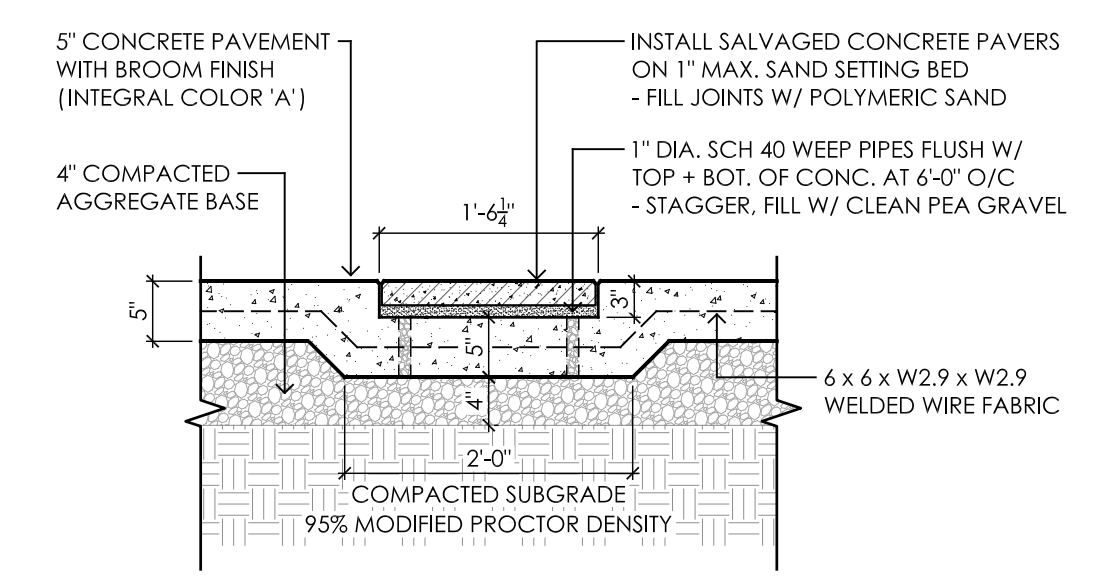
1 SITE PLAN - NEW WORK
C200 3/32" = 1'-0"



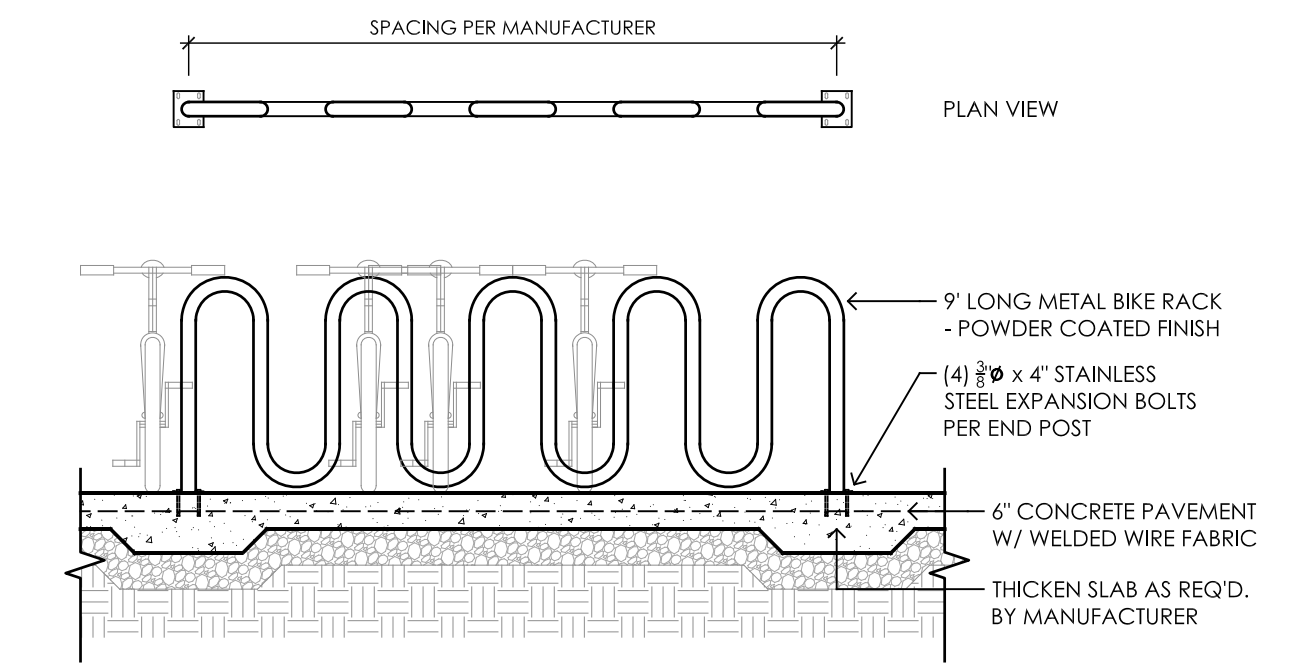
1 CONCRETE SIDEWALK
C500 3/4" = 1'-0"



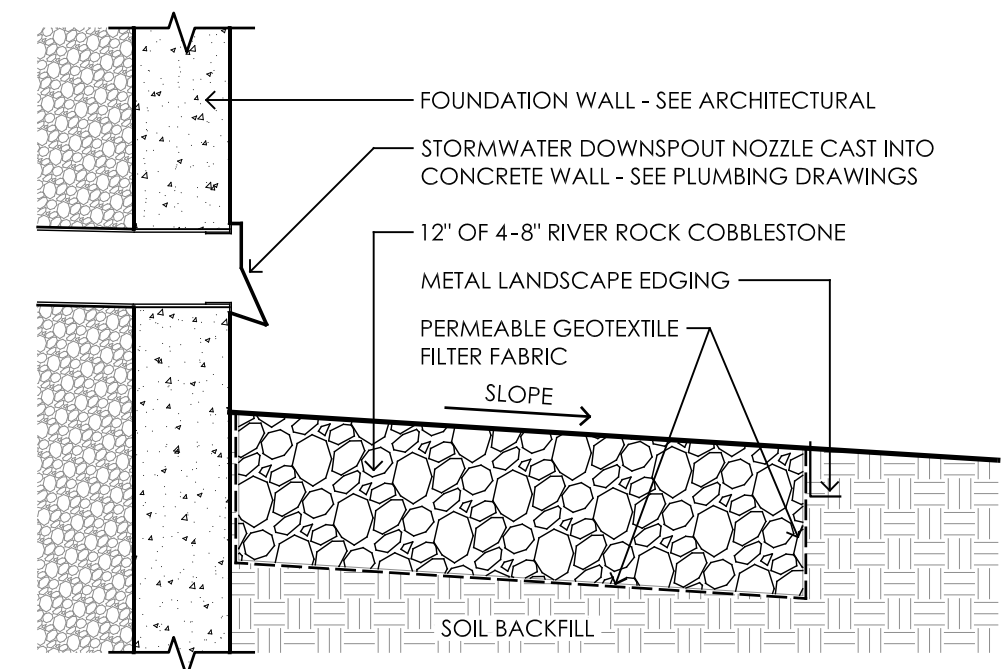
2 CONCRETE PAVEMENT
C500 3/4" = 1'-0"



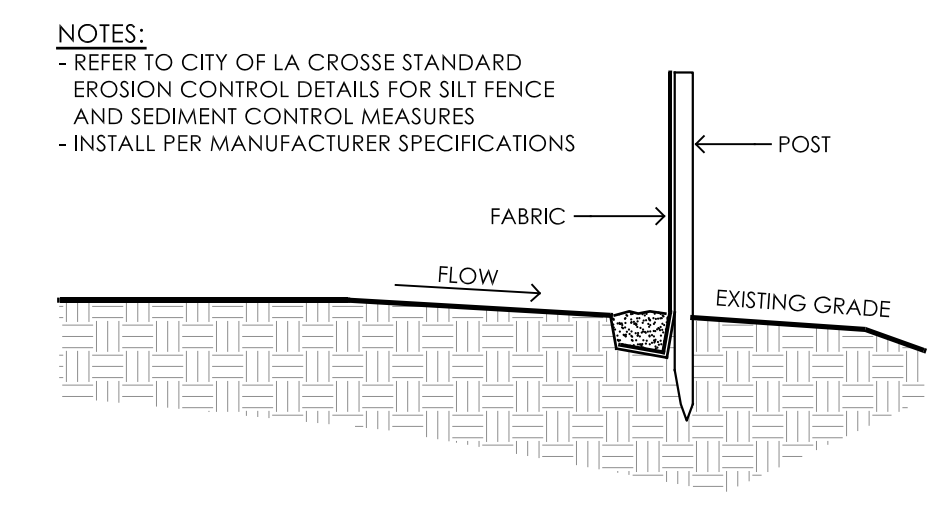
3 UNIT PAVER DETAIL
C500 3/4" = 1'-0"



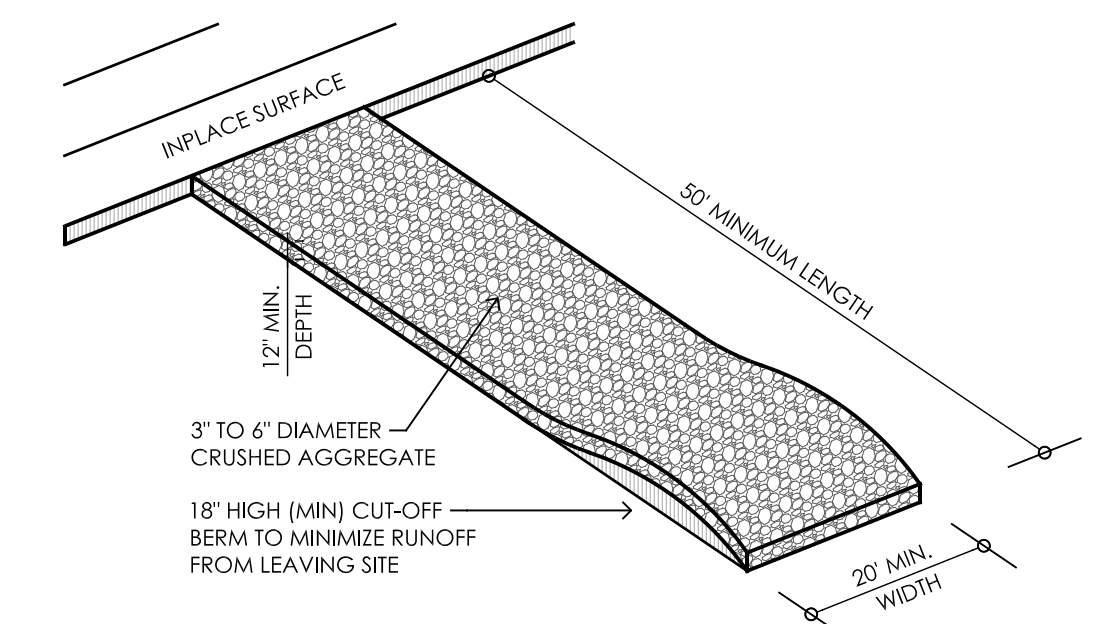
4 BIKE RACK MOUNTING DETAIL
C500 3/8" = 1'-0"



5 STORMWATER OUTLET
C500 NO SCALE

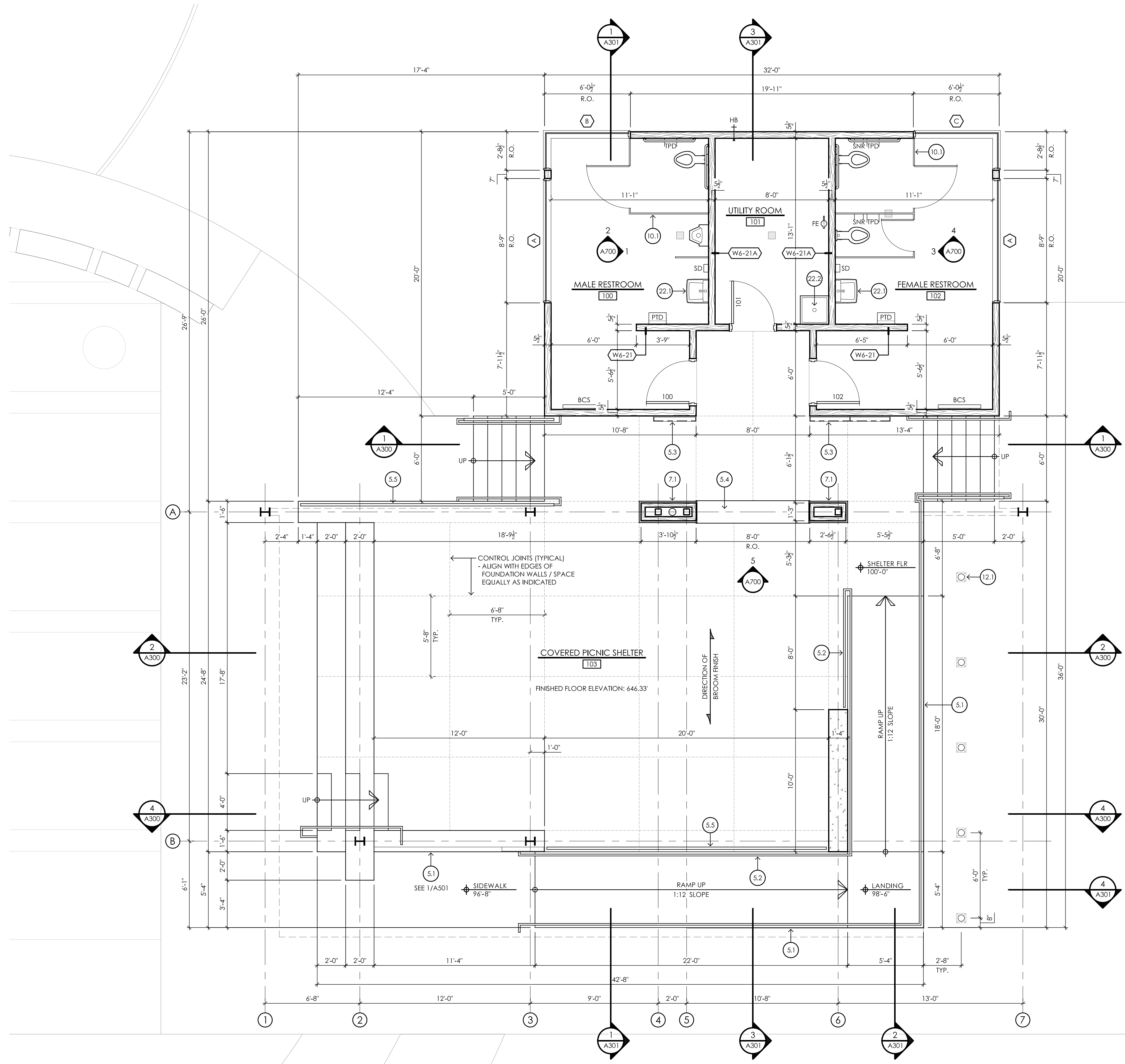


6 TYPICAL SILT FENCE INSTALLATION DETAIL
C500 NO SCALE

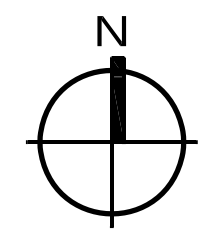


NOTES:
- PLACE PERMEABLE GEOTEXTILE FABRIC (W/ DOT STANDARD SPEC 645 TYPE SAS) BENEATH ROCK TO PREVENT MUD MIGRATION THROUGH ROCK.
- ENTRANCE MUST BE MAINTAINED REGULARLY TO PREVENT SEDIMENTATION ON PUBLIC ROADWAYS. FUGITIVE ROCK WILL BE REMOVED FROM ADJACENT ROADWAYS DAILY OR MORE FREQUENTLY AS NECESSARY.

7 TRACKING CONTROL
C500 NO SCALE



1
A100
SHELTER FLOOR PLAN
1/4" = 1'-0"

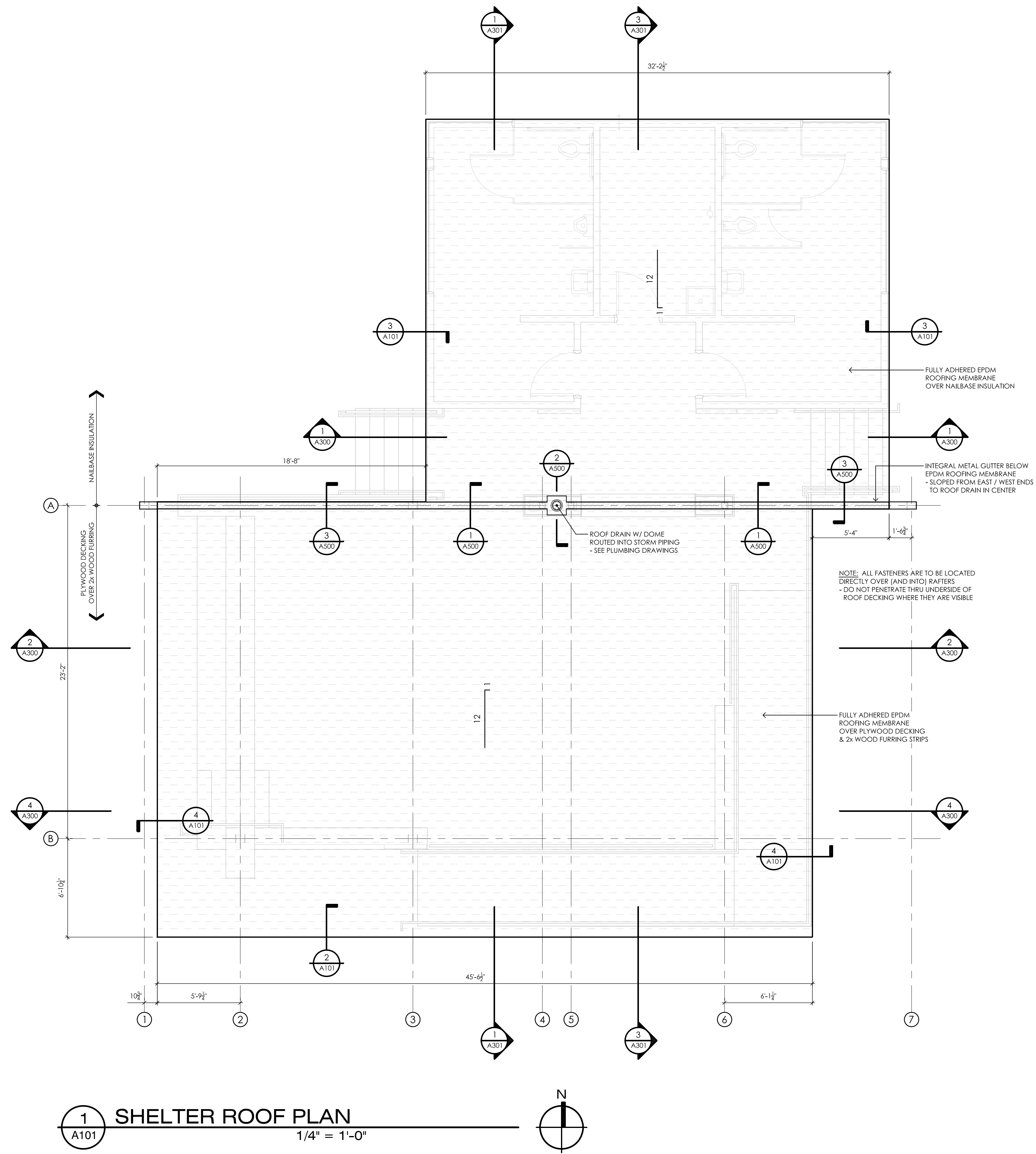


- GENERAL NOTES:**
1. VERIFY ALL DIMENSIONS AND CONDITIONS AT PROJECT SITE. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT / ENGINEER FOR FINAL DECISION
 2. SEE SHEET A110 FOR REFLECTED CEILING PLAN
 3. SEE SHEET A600 FOR ROOM FINISH SCHEDULE, DOOR AND HARDWARE SCHEDULE, AND PARTITION TYPES
 4. DIMENSIONS ON FLOOR PLANS ARE TAKEN FROM FACE OF FRAMING/MASONRY, UNLESS NOTED OTHERWISE
 5. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL ITEMS AND NOTES
 6. PROVIDE BLOCKING FOR ALL WALL AND CEILING MOUNTED ACCESSORIES INCLUDING, BUT NOT LIMITED TO CASEWORK, COAT HOOKS, TOILET ACCESSORIES, FIRE EXTINGUISHERS, SIGNAGE AND ANY OTHER OWNER-PROVIDED EQUIPMENT AND ACCESSORIES
 7. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL MOUNTED AND CEILING MOUNTED EQUIPMENT
 8. ALL MECHANICAL, PLUMBING, & ELECTRICAL PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SLEEVED AND FIRESTOPPED AND/OR HAVE FIRE DAMPERS EQUIVALENT TO THE FIRE RATING OF THE CONSTRUCTION
 9. ALL PARTITION WALLS EXTEND TO STRUCTURE ABOVE UNLESS OTHERWISE NOTED

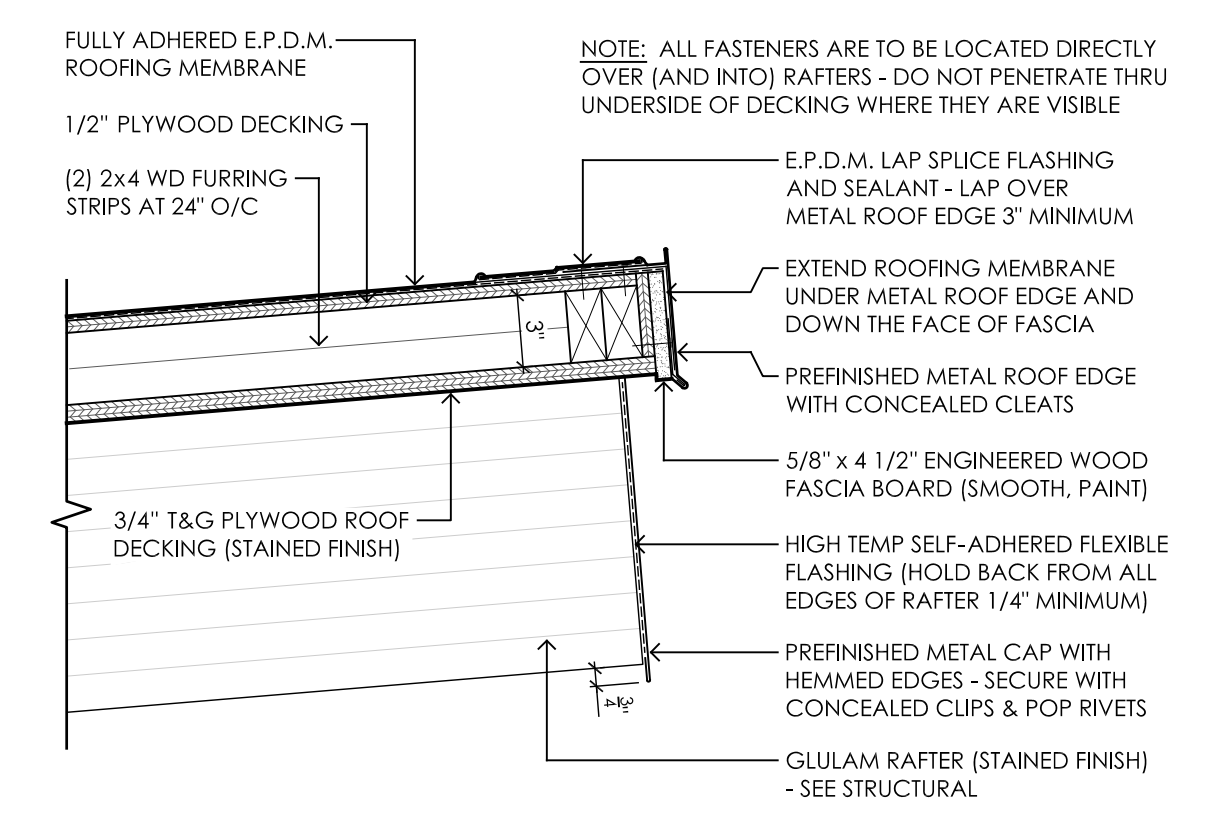
- KEYED NOTES:**
- 5.1 STEEL PLATE GUARDRAIL (GALVANIZED, PAINTED FINISH)
 - 5.2 STEEL PIPE HANDRAIL W/ TUBE POSTS (GALVANIZED, PAINTED)
 - 5.3 ALTERNATE BID #1: PROVIDE AND INSTALL BI-PARTING STEEL SECURITY GATE W/ BOX TRACK SLIDING DOOR HARDWARE - REFER TO DETAILS 6/A500, 4/A501
 - 5.4 STEEL PLATE CAP / TRIM AROUND ALL SIDES OF WALL OPENING (GALVANIZED, PAINTED FINISH)
 - 5.5 STEEL GUARDRAIL W/ RECTANGULAR TUBE POSTS AND WELDED WIRE MESH INFILL PANELS (GALVANIZED, PAINTED FINISH)
 - 7.1 FIBER-CEMENT SIDING PANELS (SMOOTH, PAINTED FINISH)
 - 10.1 SOLID HDPE TOILET COMPARTMENTS - FLOOR MOUNTED, OVERHEAD BRACED
 - 12.1 INSTALL SALVAGED METAL BOLLARDS (5 TOTAL)
 - 22.1 WALL-HUNG SINK - REFER TO PLUMBING
 - 22.2 MOP SINK W/ 12" HIGH S.S. WALL GUARDS - REFER TO PLUMBING

- EQUIPMENT ABBREVIATIONS:**
- BCS BABY CHANGING STATION
 - CH COAT HOOK
 - EHD ELECTRIC HAND DRYER
 - EWIC ELECTRIC WATER COOLER
 - FEC RECESSED FIRE EXTINGUISHER CABINET
 - FE FIRE EXTINGUISHER
 - GB GRAB BAR
 - PTD PAPER TOWEL DISPENSER
 - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
 - RH ROBE HOOK
 - SD SOAP DISPENSER
 - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
 - SNR SANITARY NAPKIN RECEPTACLE
 - SRC SHOWER ROD AND CURTAIN
 - TPD TOILET PAPER DISPENSER
 - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
 - WR WASTE RECEPTACLE
 - SUPPLIED BY OWNER

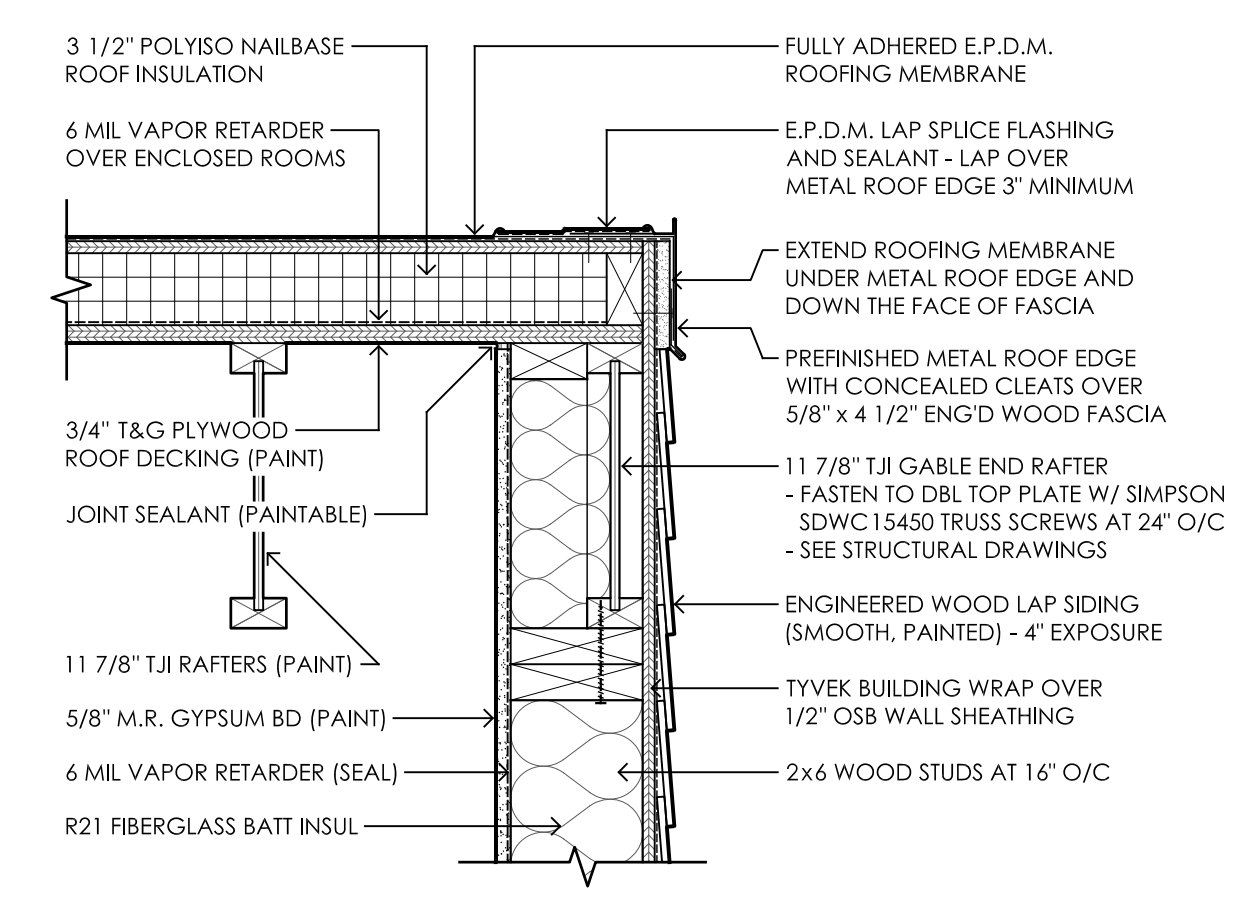
- TOILET ACCESSORIES RESPONSIBILITY:**
- OWNER SUPPLIED / OWNER INSTALLED:
- WASTE RECEPTACLES
- OWNER SUPPLIED / CONTRACTOR INSTALLED:
- PAPER TOWEL DISPENSERS
 - SOAP DISPENSERS
 - TOILET PAPER DISPENSERS
 - SHARPS CONTAINERS
- CONTRACTOR SUPPLIED / CONTRACTOR INSTALLED:
- GRAB BARS
 - MIRRORS
 - BABY CHANGING STATIONS
 - SANITARY NAPKIN RECEPTACLE UNITS



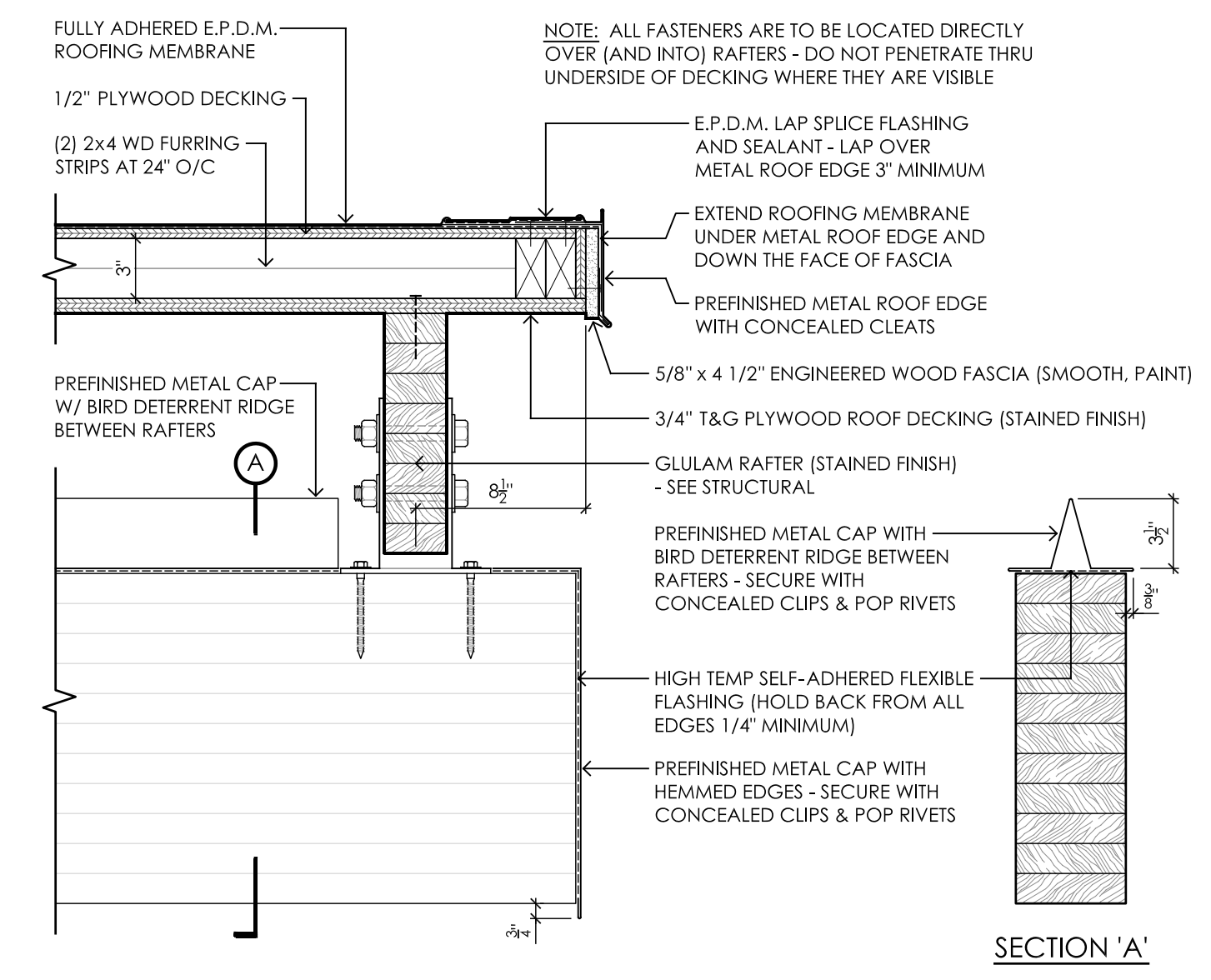
1 SHELTER ROOF PLAN
 A101 1/4" = 1'-0"



2 ROOF EDGE DETAIL
 A101 1 1/2" = 1'-0"



3 ROOF EDGE DETAIL
 A101 1 1/2" = 1'-0"



4 ROOF EDGE DETAIL
 A101 1 1/2" = 1'-0"

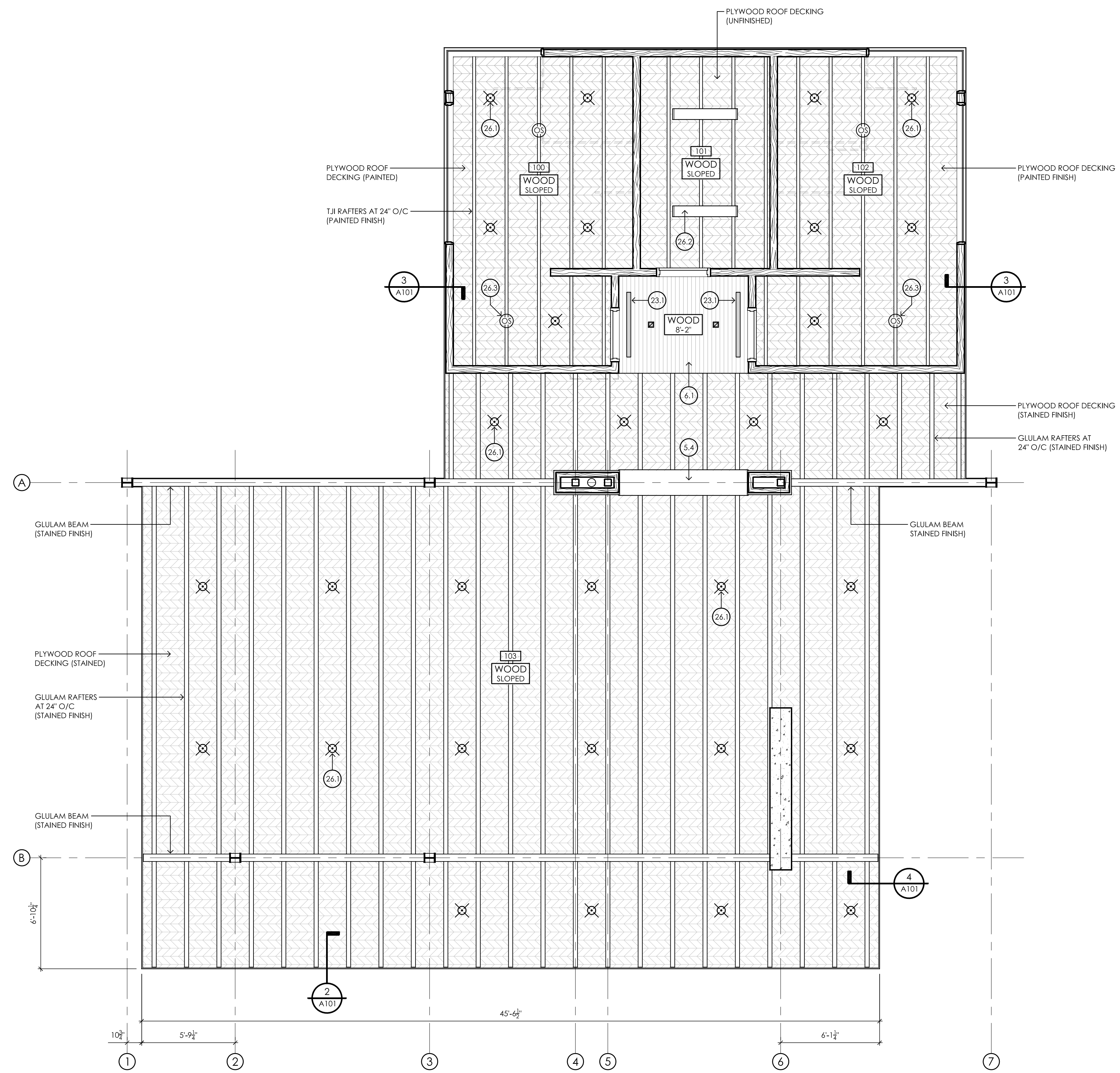
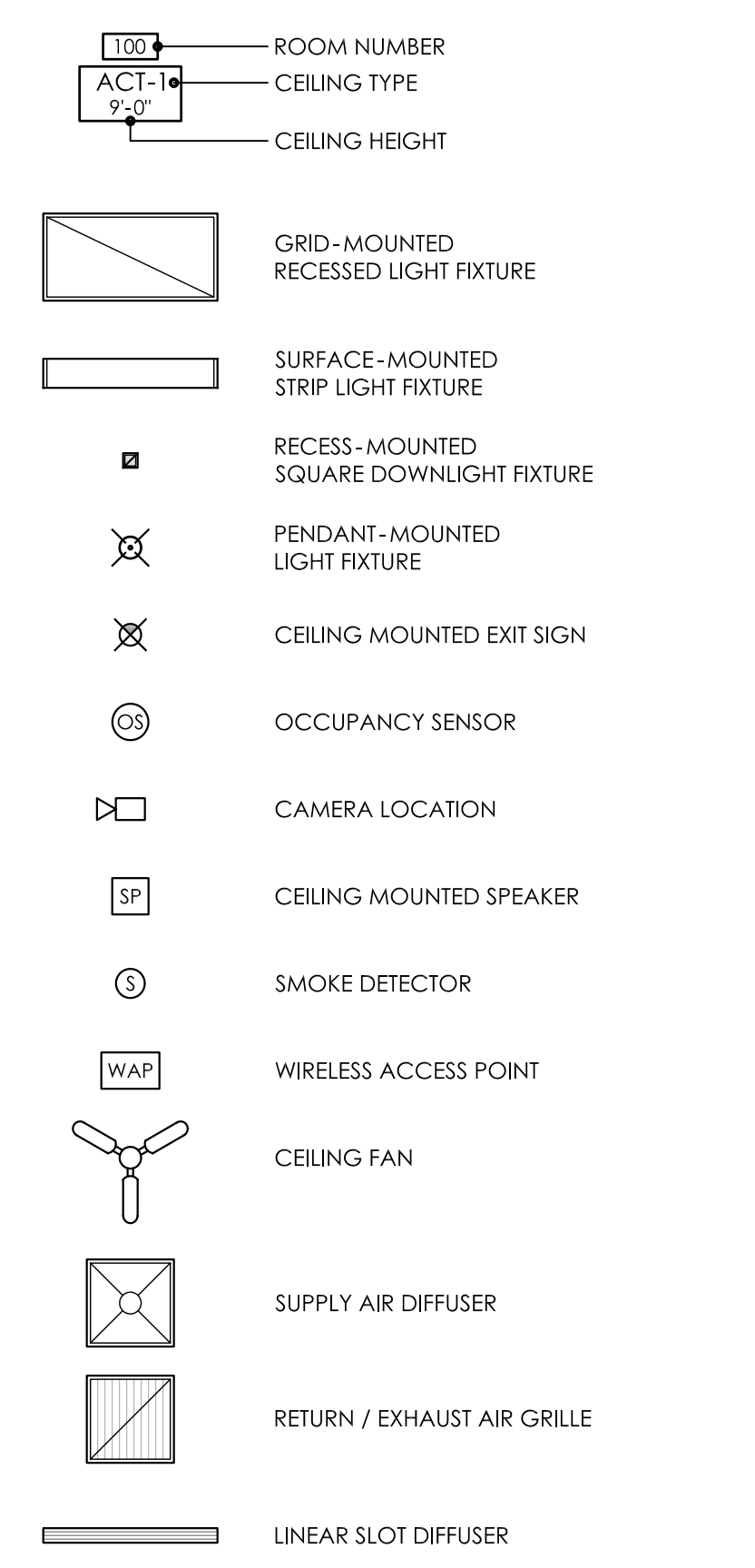
GENERAL NOTES - CEILING PLANS:

1. VERIFY ALL DIMENSIONS AND CONDITIONS AT PROJECT SITE. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION
2. CEILING HEIGHT ELEVATIONS ARE REFERENCED FROM THE FLOOR SLAB OF EACH SPACE TO THE UNDERSIDE OF CEILING / ROOF FRAMING MEMBERS
3. DIMENSIONS ARE TAKEN FROM FACE OF FRAMING MEMBERS / MASONRY, UNLESS NOTED OTHERWISE
4. PAINT ALL EXPOSED ELECTRICAL CONDUIT / EQUIPMENT TO MATCH THE ADJACENT WALL OR FINISHES
5. REFLECTED CEILING PLANS ILLUSTRATE CEILING LAYOUT ONLY. REFER TO ELECTRICAL DRAWINGS FOR SMOKE DETECTORS, EXIT SIGNS, HORN STROBES, AND OTHER RELATED SAFETY INFORMATION NOT SHOWN ON THIS PLAN
6. REFER TO MEP DRAWINGS, SPECIFICATIONS, AND SCHEDULES FOR TYPES AND QUANTITIES OF FIXTURES AND EQUIPMENT SHOWN ON THIS PLAN
7. VERIFY SIZE, LOCATION, AND QUANTITY OF ACCESS PANELS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION
8. ALL RECESSED LIGHTS, SPEAKERS, OCCUPANCY SENSORS, ETC. SHALL BE CENTERED BETWEEN EXPOSED RAFTERS OR IN CEILING TILES UNLESS OTHERWISE NOTED
9. ALL METAL LINEAR DIFFUSERS AND SHOP PRIMED ACCESS PANELS SHALL BE PAINTED TO MATCH SURROUNDING WALL OR CEILING FINISHES
10. DETAIL CALL-OUTS SHOWN ON THE REFLECTED CEILING PLANS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OTHERWISE

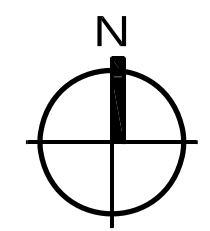
KEYED NOTES:

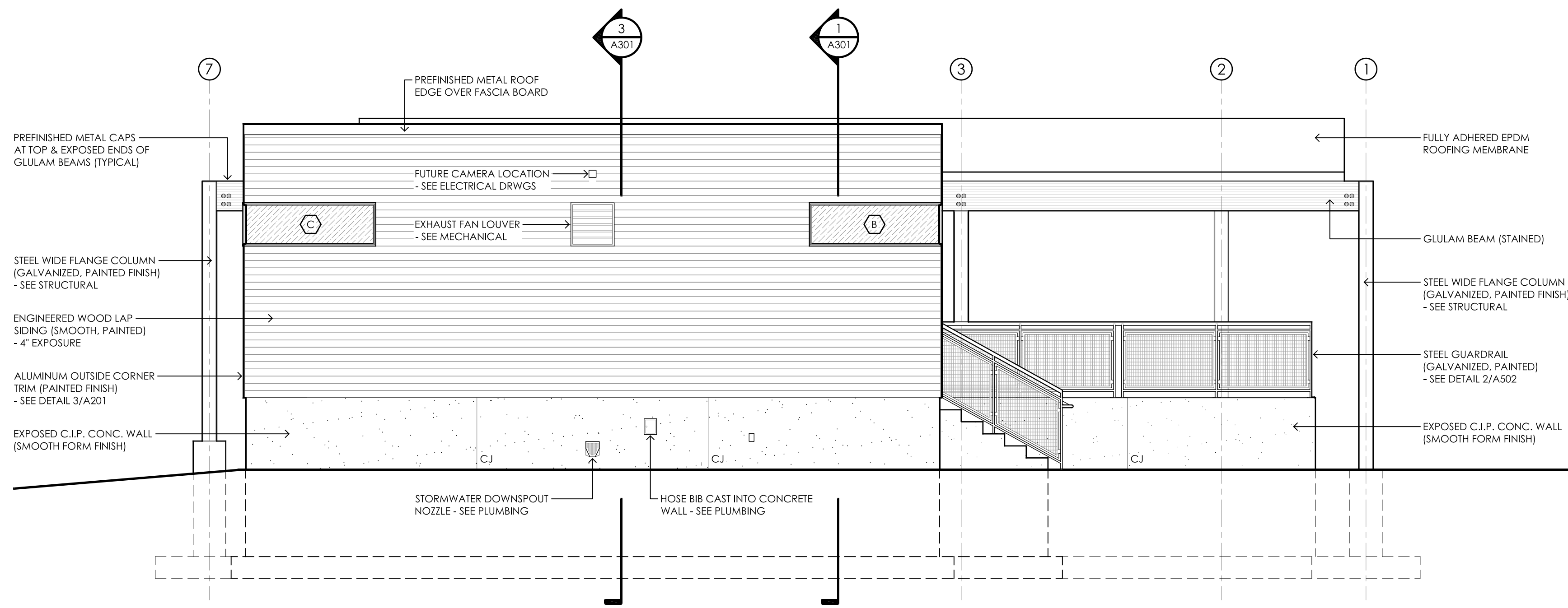
- 5.4 STEEL PLATE CAP / TRIM AROUND ALL SIDES OF WALL OPENING (GALVANIZED, PAINTED FINISH)
- 6.1 1x4 CEDAR TONGUE & GROOVE SOFFIT (STAINED FINISH) - SMOOTH, FLUSH JOINT OR NICKEL GAP PROFILE - ALIGN JOINTS IN SOFFIT WITH ADJACENT CEDAR SIDING
- 23.1 MECHANICAL RETURN / EXHAUST GRILLE - REFER TO MECHANICAL DRAWINGS
- 26.1 PENDANT-MOUNTED LIGHT FIXTURE, TYPICAL - REFER TO ELECTRICAL DRAWINGS. ALL ELECTRICAL CONDUIT TO BE RUN ABOVE WOOD DECKING IN FURRING / NAILBASE INSULATION SPACE (NO EXPOSED CONDUIT)
- 26.2 SURFACE-MOUNTED STRIP LIGHT FIXTURE, TYPICAL - REFER TO ELECTRICAL DRAWINGS. EXPOSED CONDUIT ALLOWED WITHIN UTILITY ROOM ONLY.
- 26.3 OCCUPANCY SENSOR, TYPICAL - REFER TO ELECTRICAL

CEILING PLAN SYMBOL KEY:

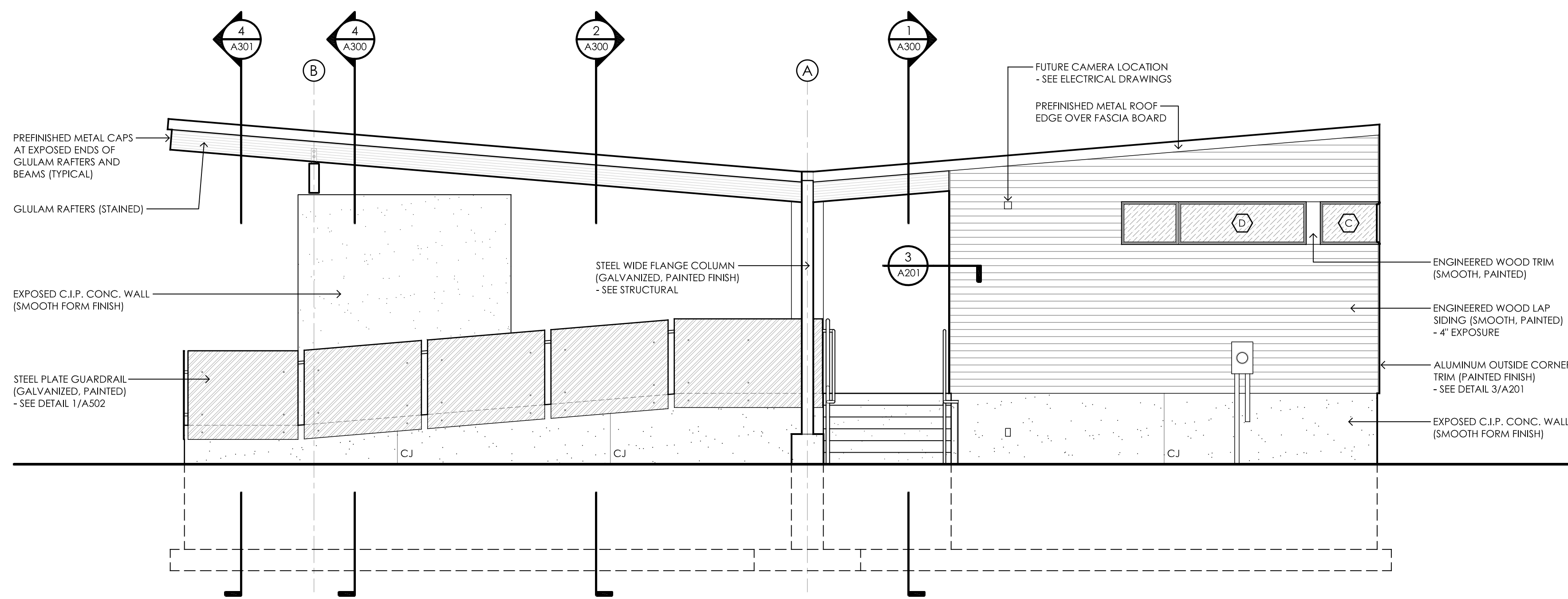


1 REFLECTED CEILING PLAN
A110
1/4" = 1'-0"

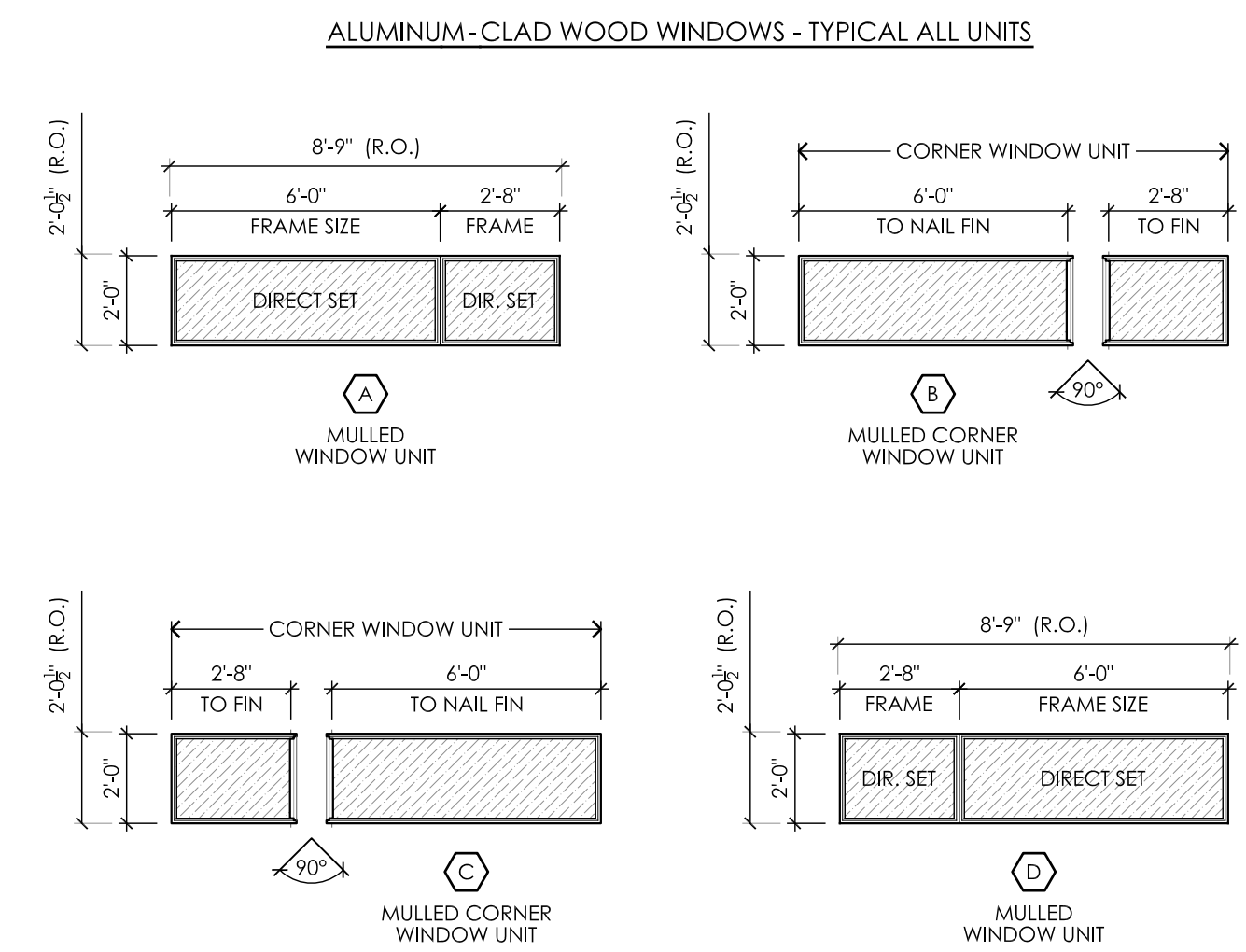




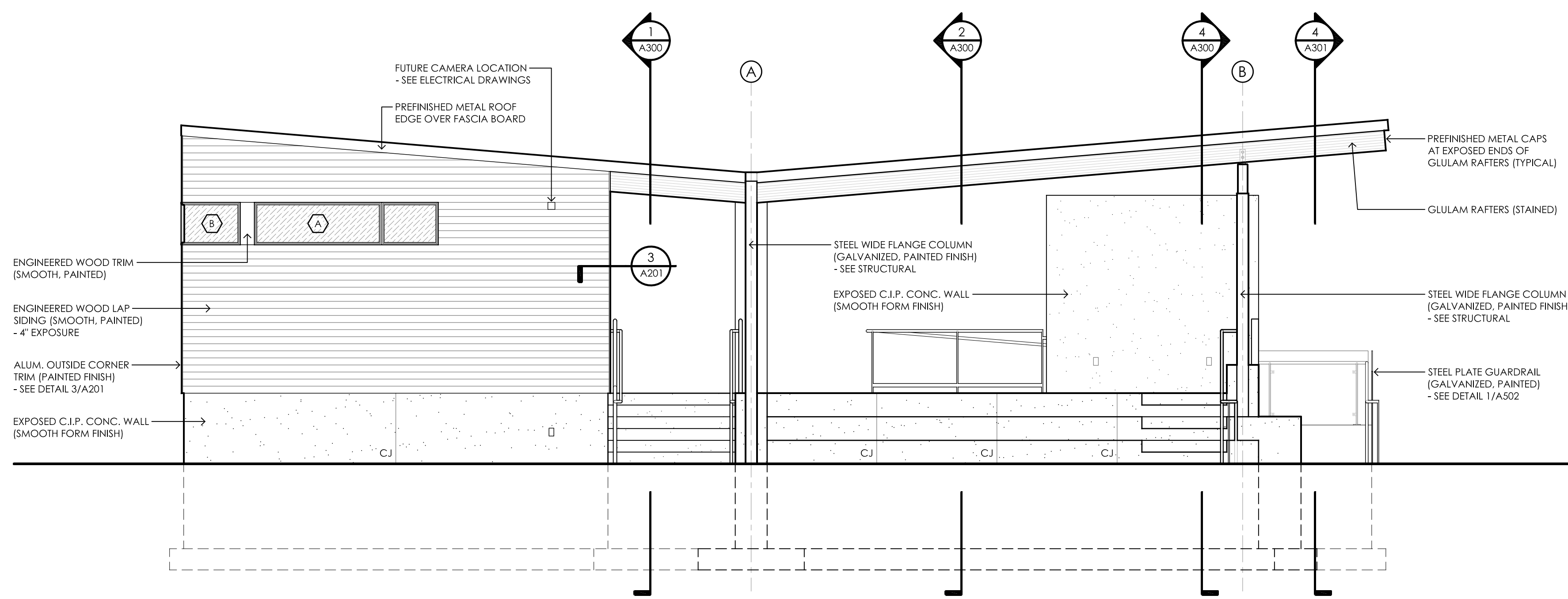
1 NORTH ELEVATION
A200 1/4" = 1'-0"



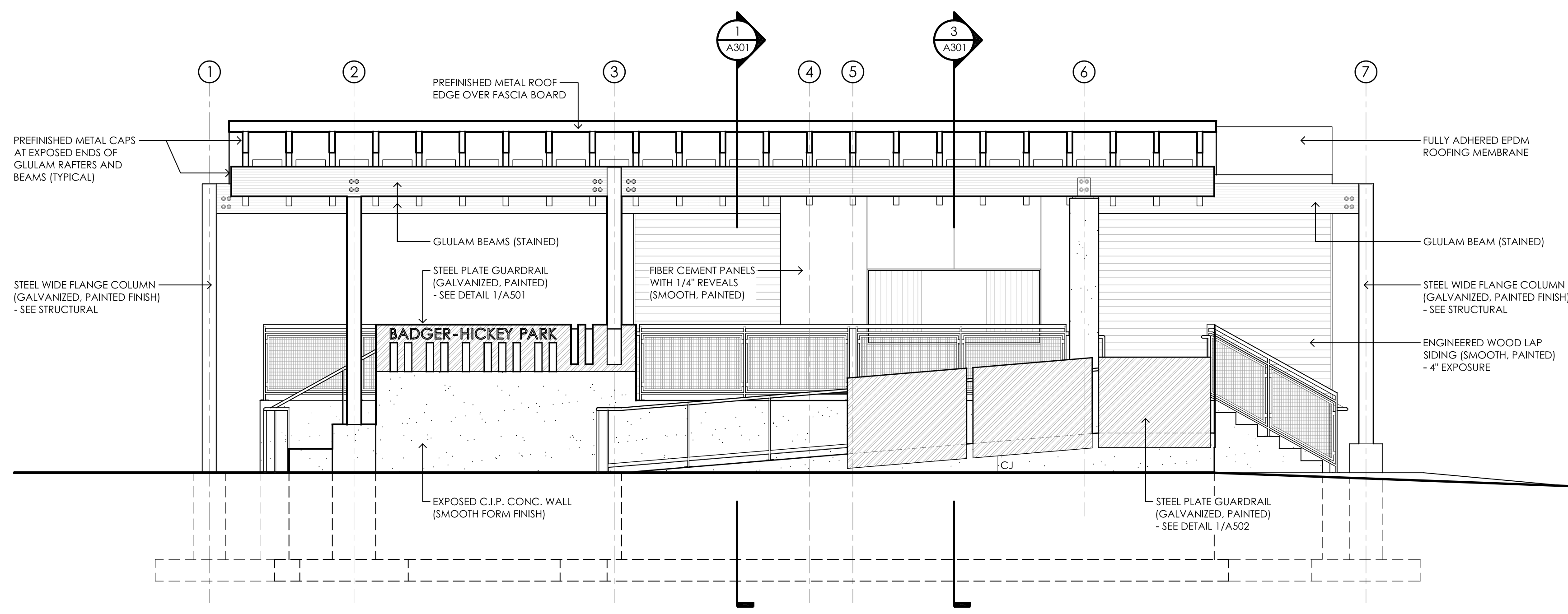
2 EAST ELEVATION
A200 1/4" = 1'-0"



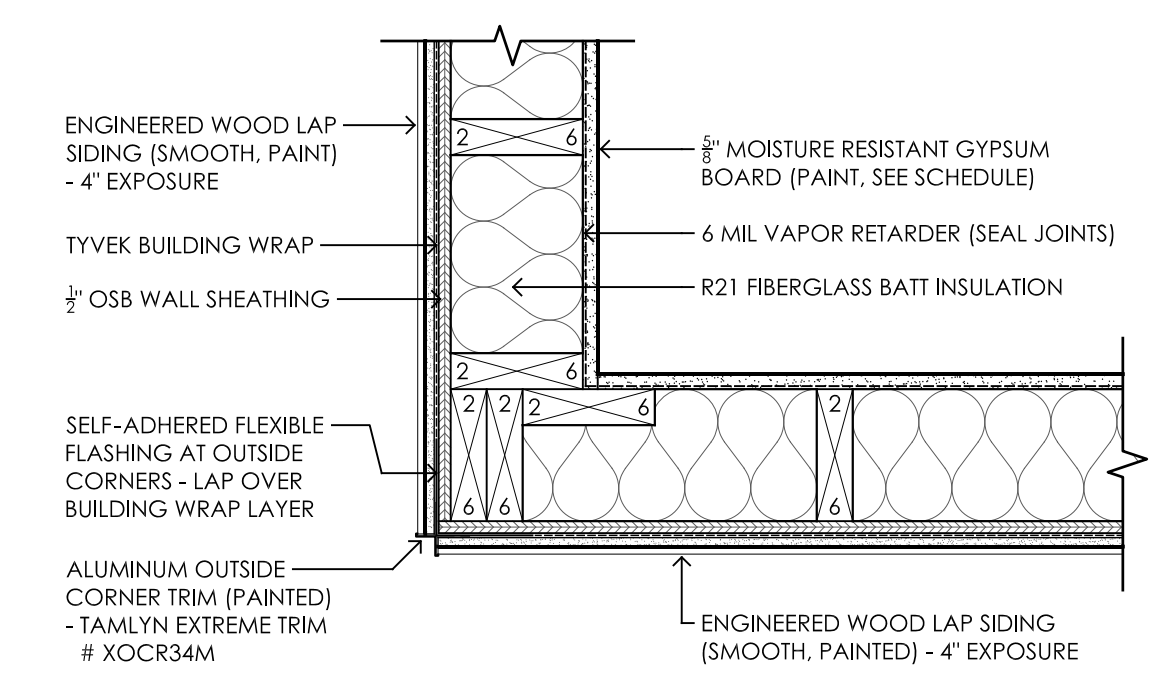
3 WINDOW TYPES
A200 1/4" = 1'-0"



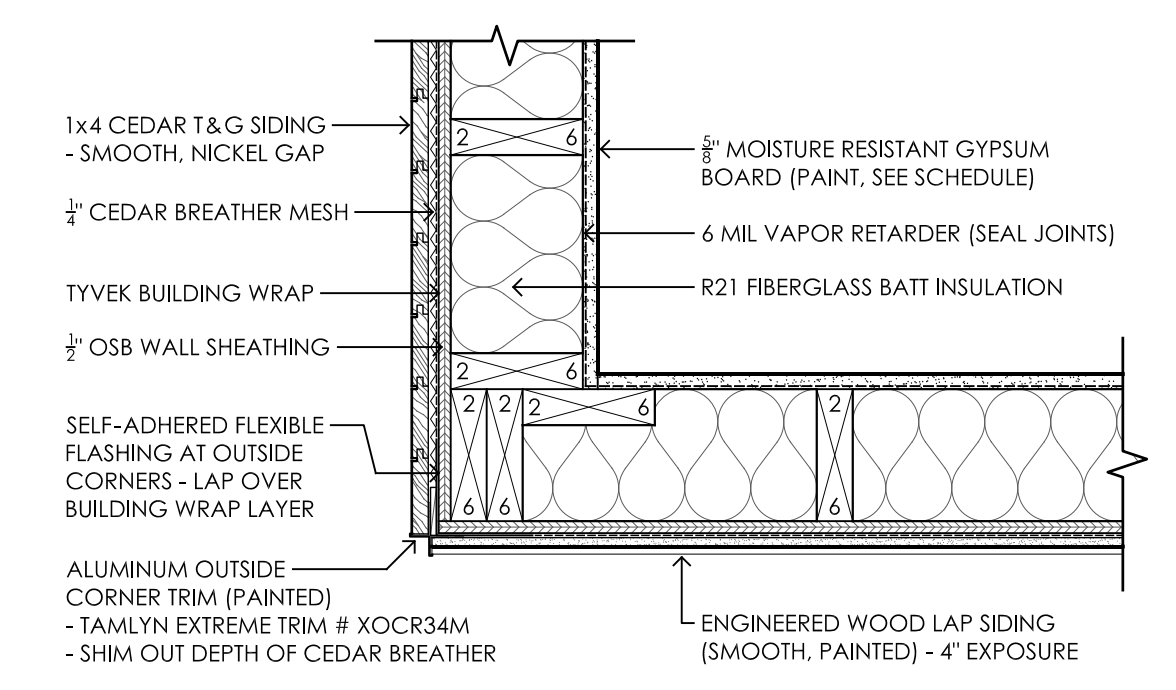
1 SOUTH ELEVATION
A201 1/4" = 1'-0"



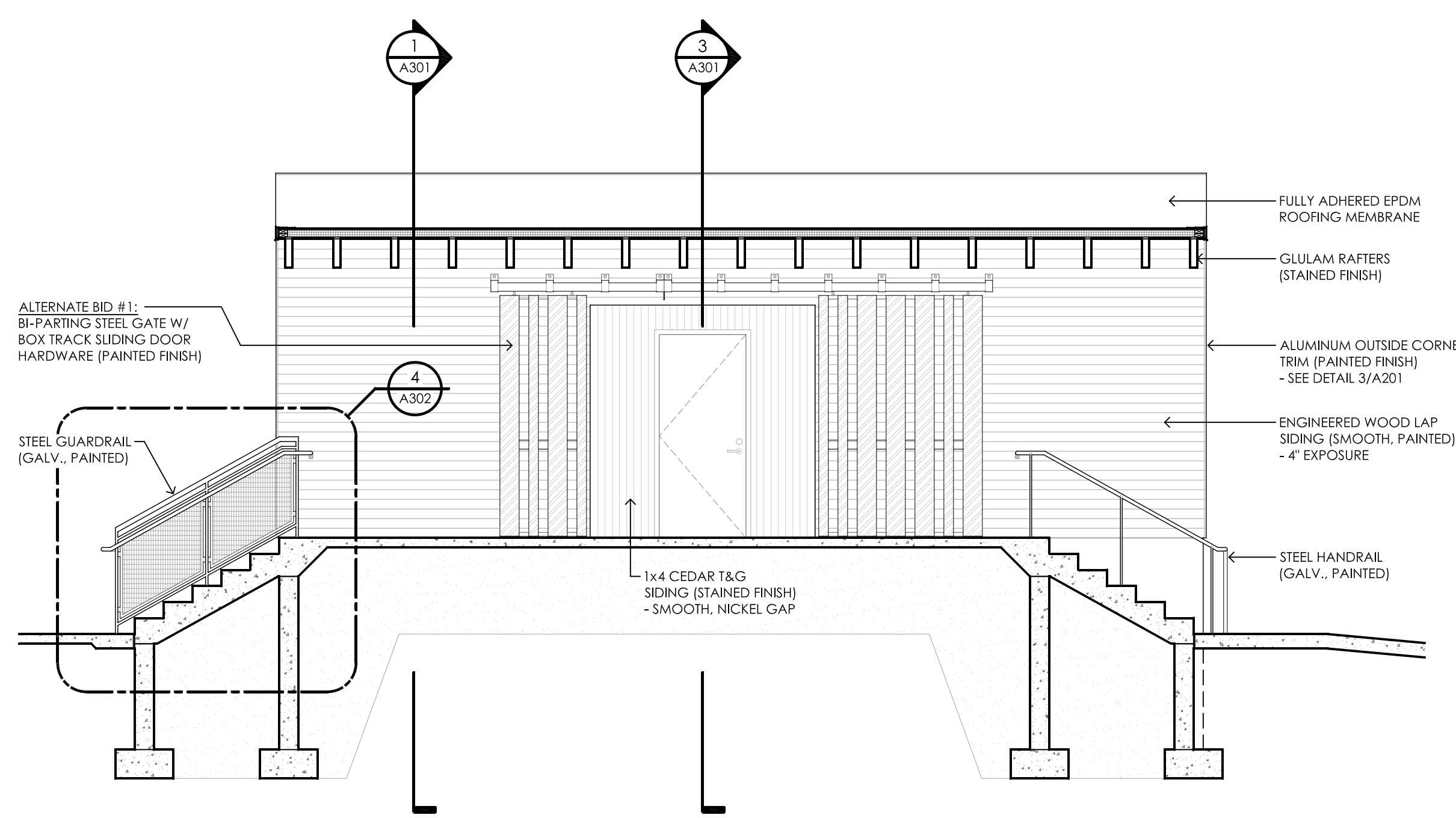
2 WEST ELEVATION
A201 1/4" = 1'-0"



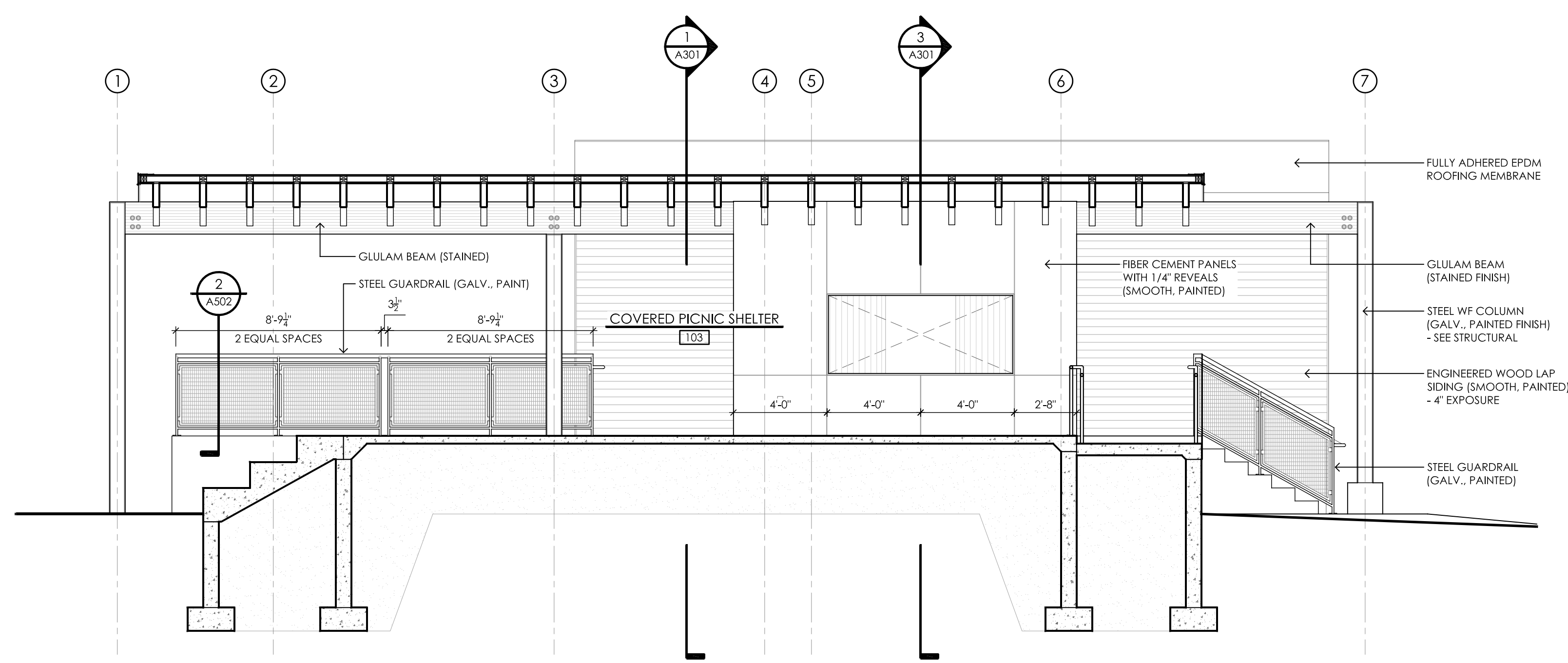
3 OUTSIDE CORNER DETAIL
A201 1 1/2" = 1'-0"



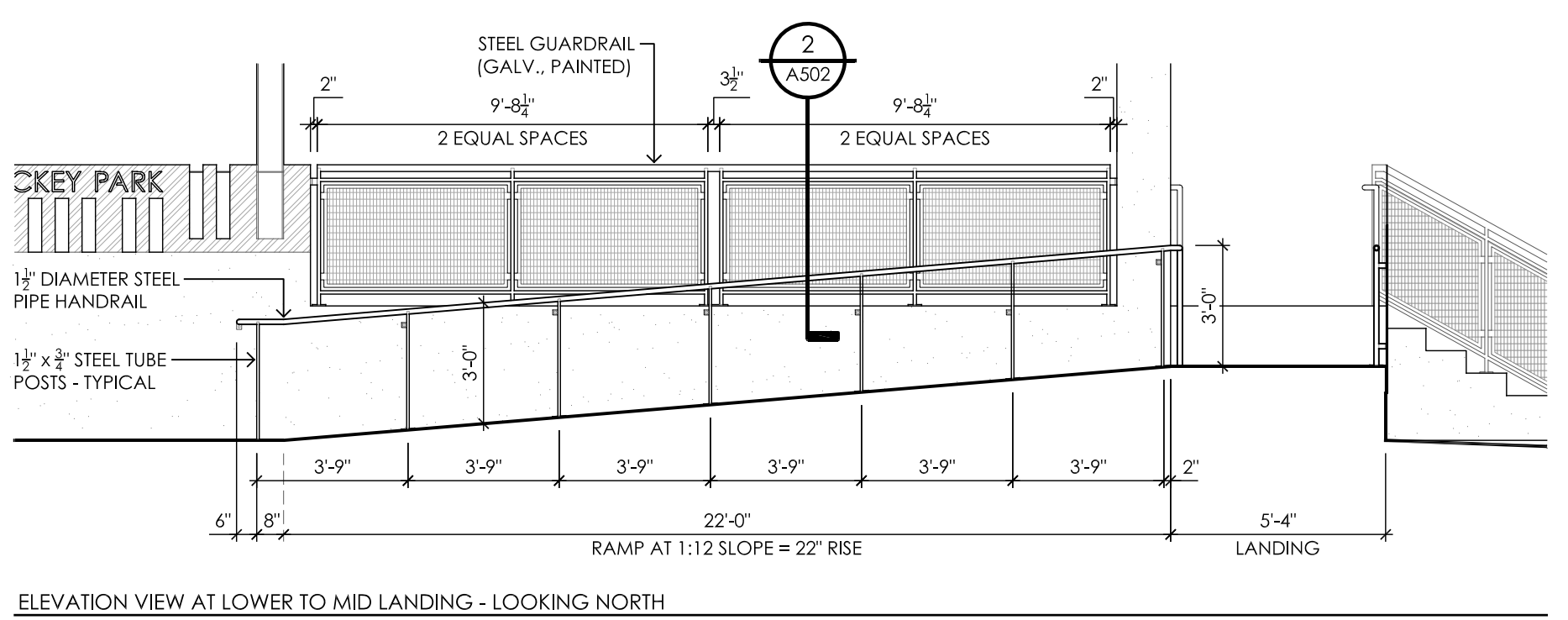
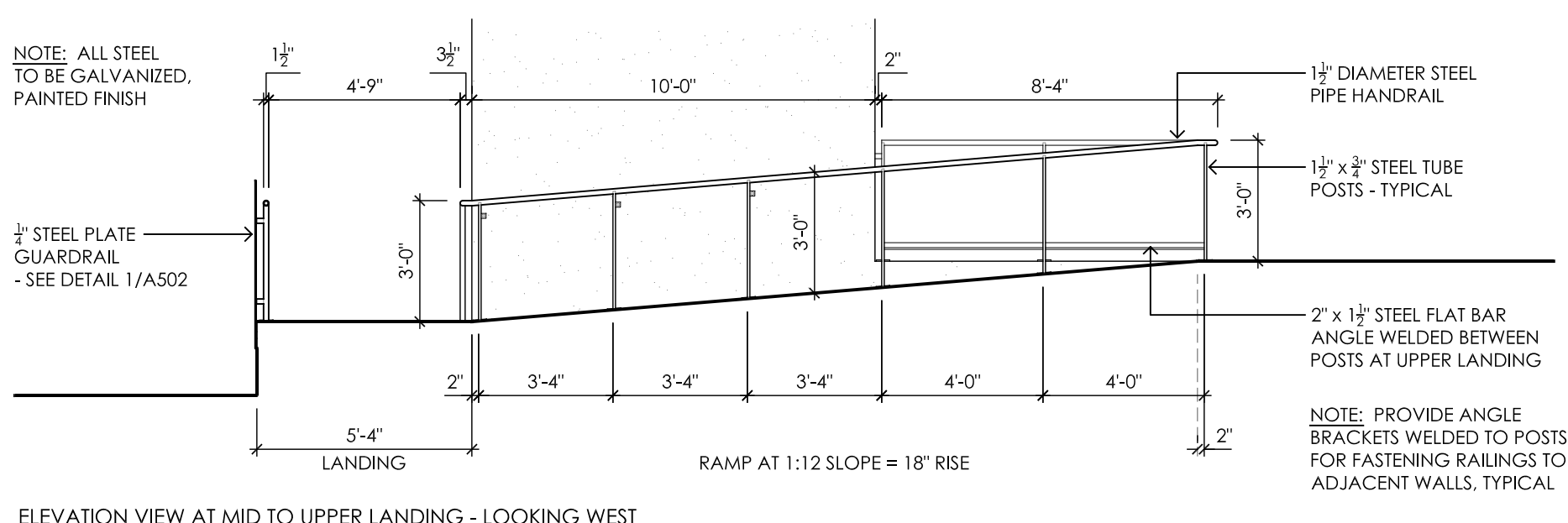
4 OUTSIDE CORNER DETAIL
A201 1 1/2" = 1'-0"



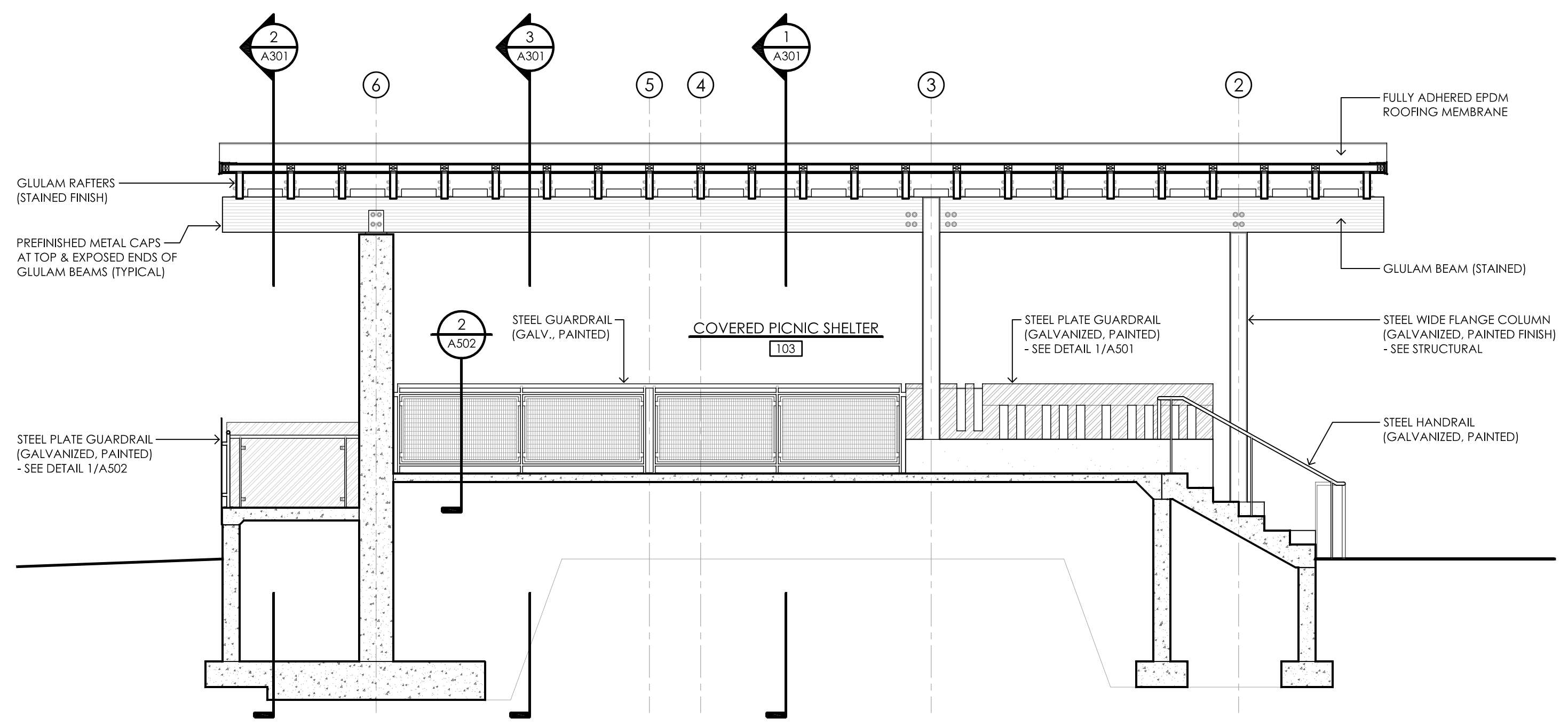
1 BUILDING SECTION
A300 1/4" = 1'-0"



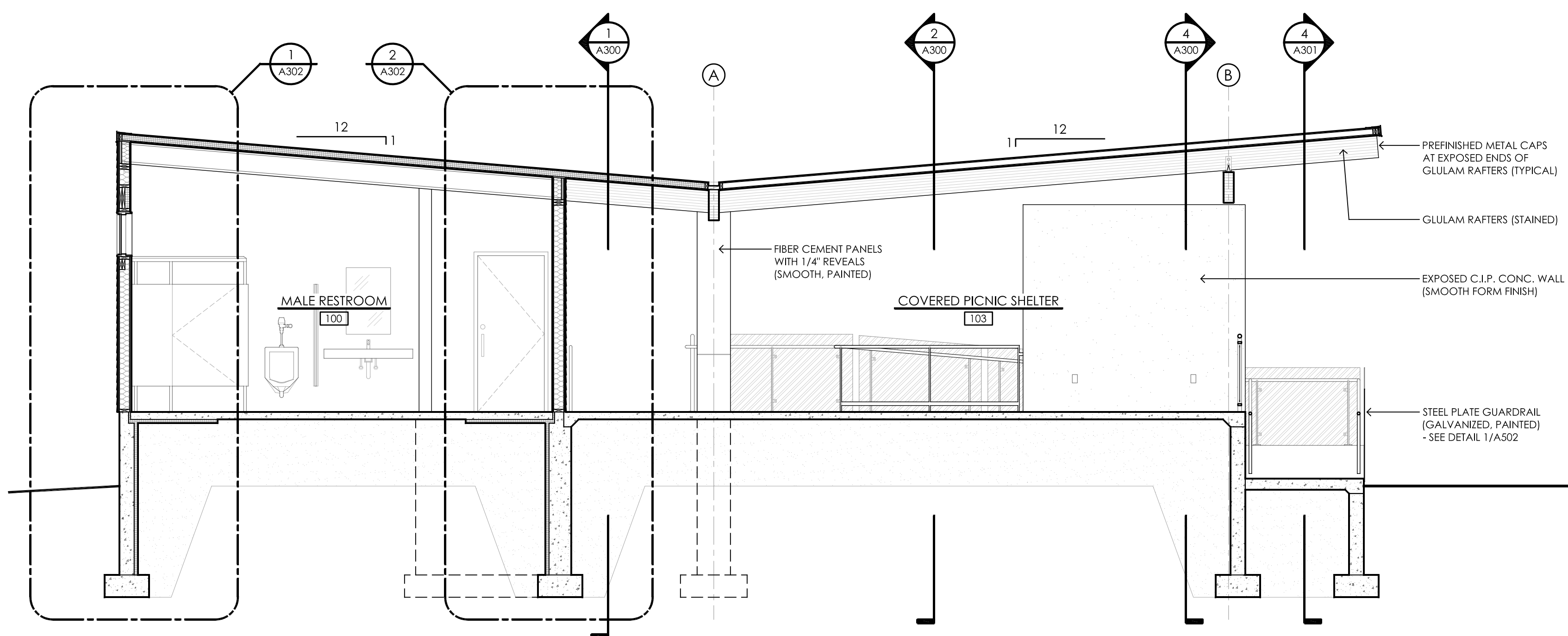
2 BUILDING SECTION
A300 1/4" = 1'-0"



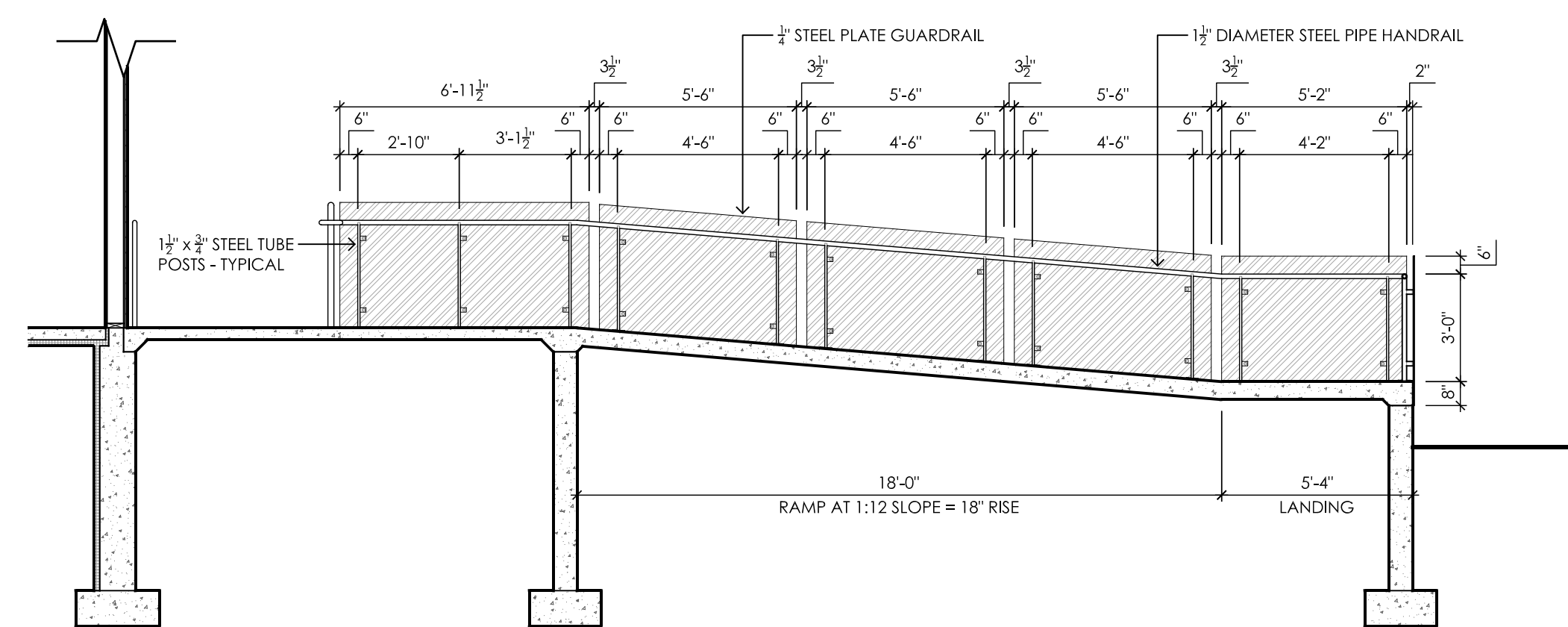
3 RAMP ELEVATIONS
A300 1/4" = 1'-0"



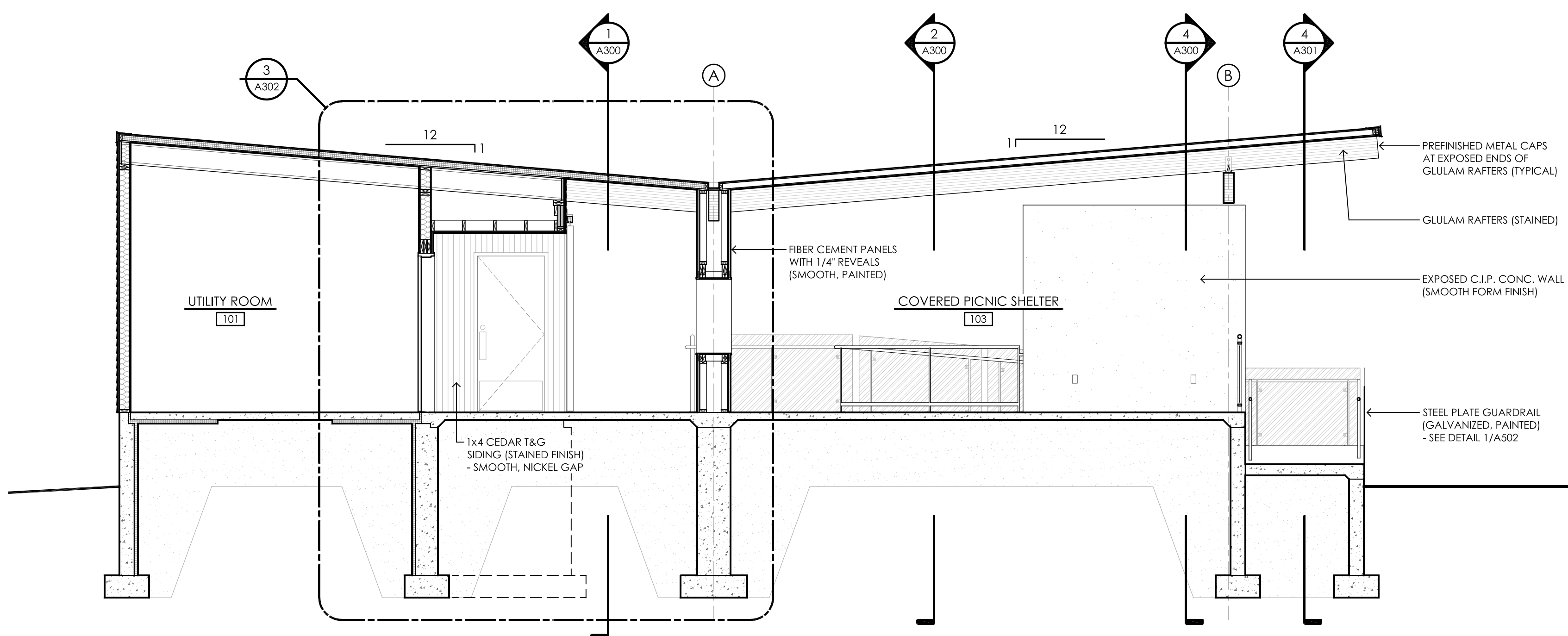
4 BUILDING SECTION
A300 1/4" = 1'-0"



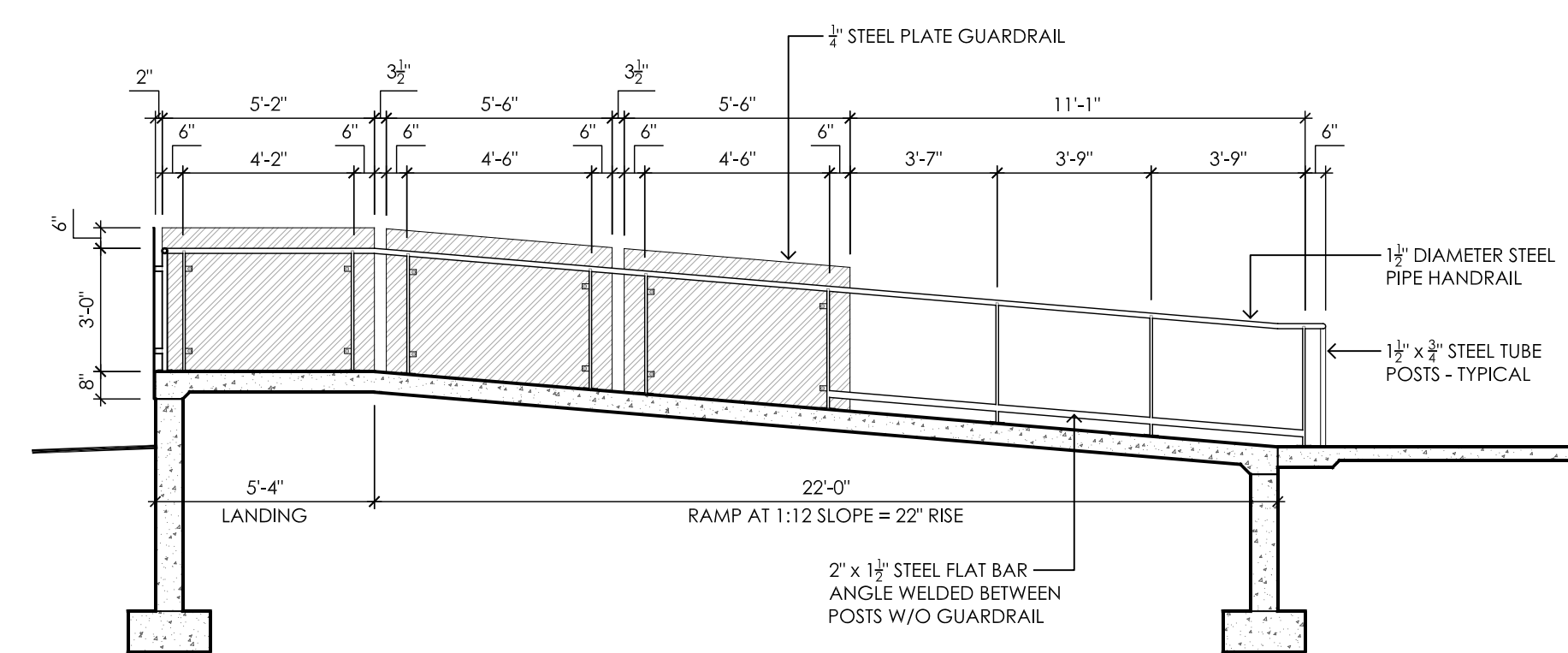
1 BUILDING SECTION
A301
1/4" = 1'-0"



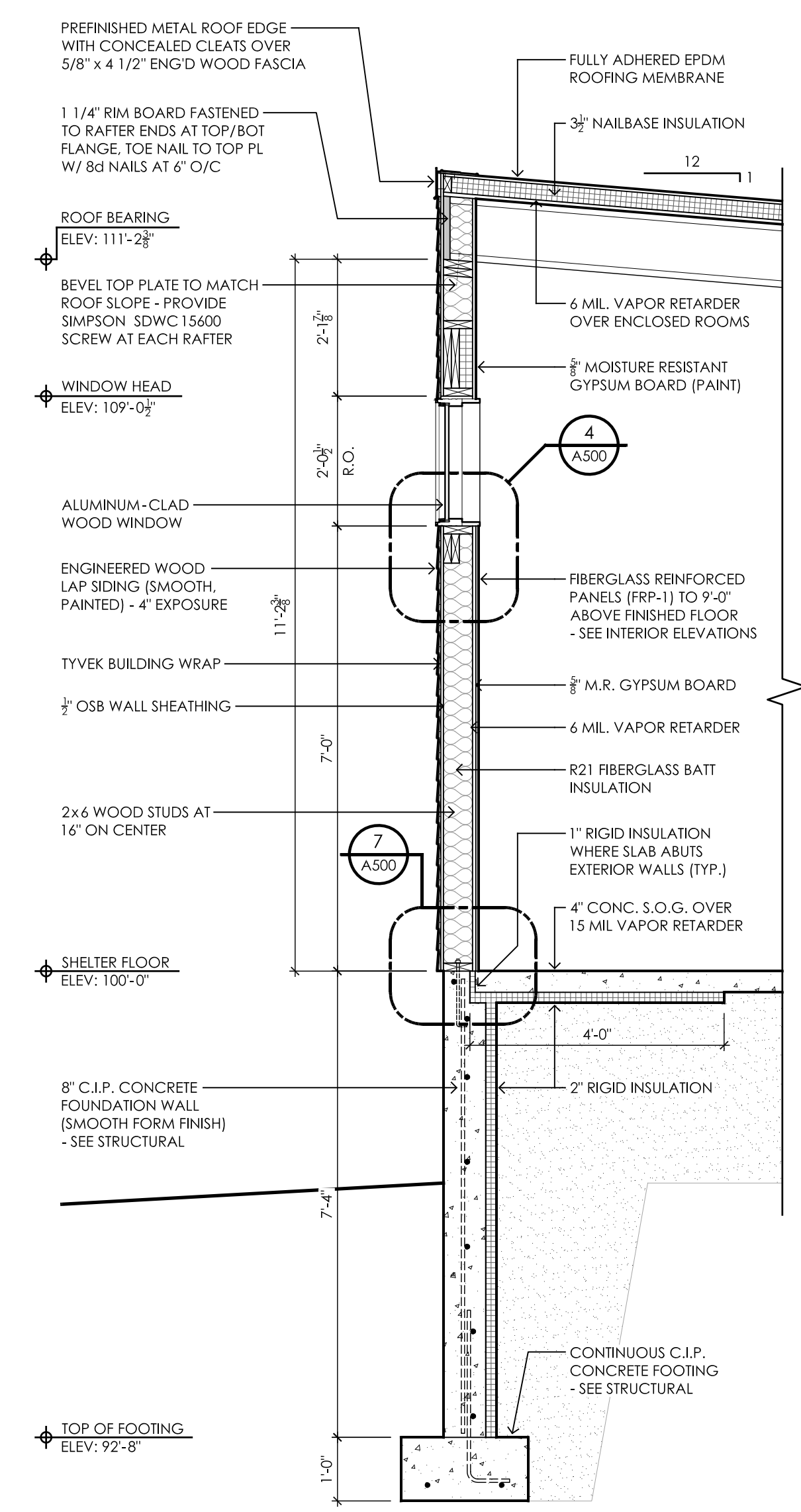
2 RAMP SECTION AT UPPER LANDING
A301
1/4" = 1'-0"



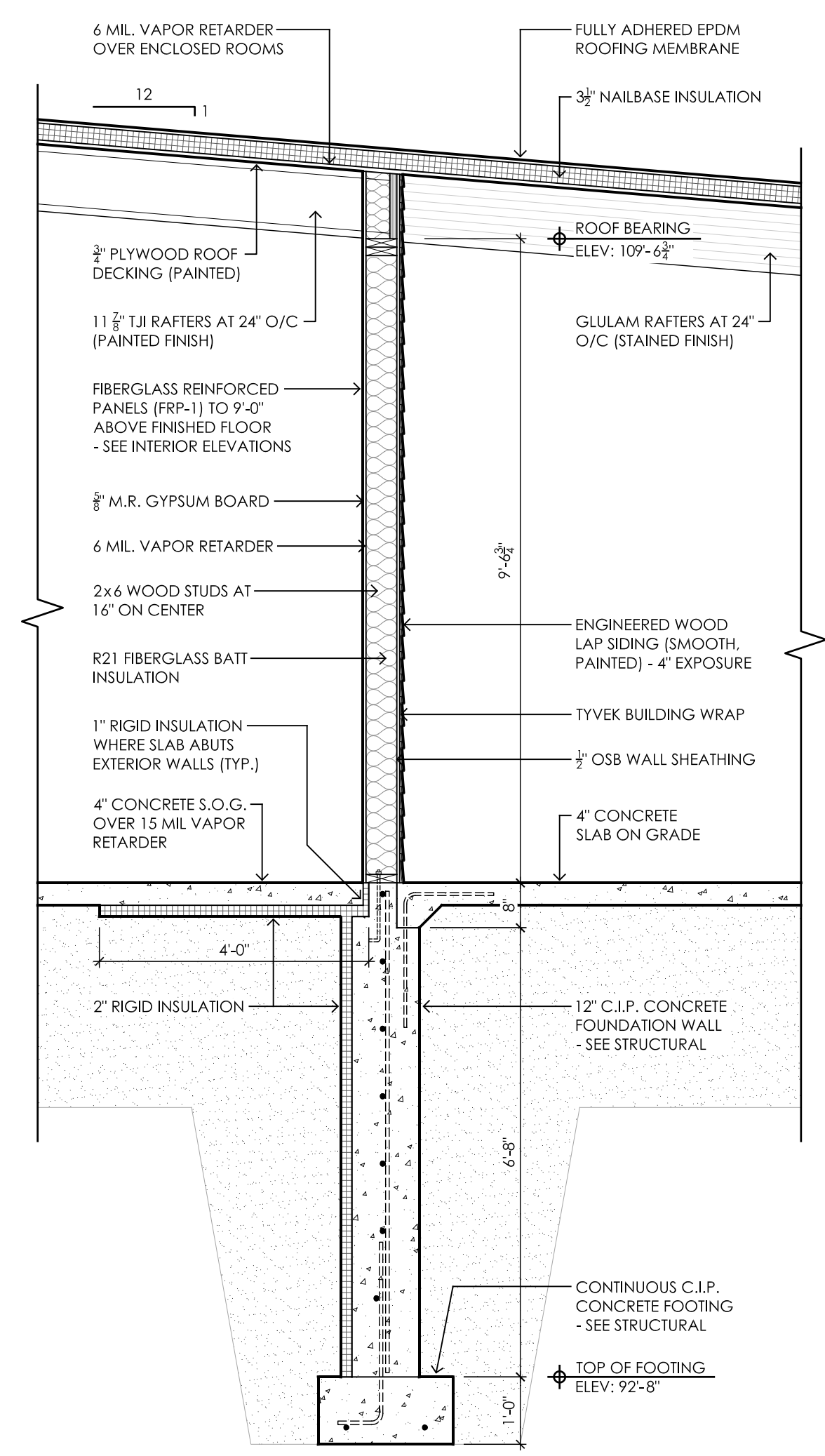
3 BUILDING SECTION
A301
1/4" = 1'-0"



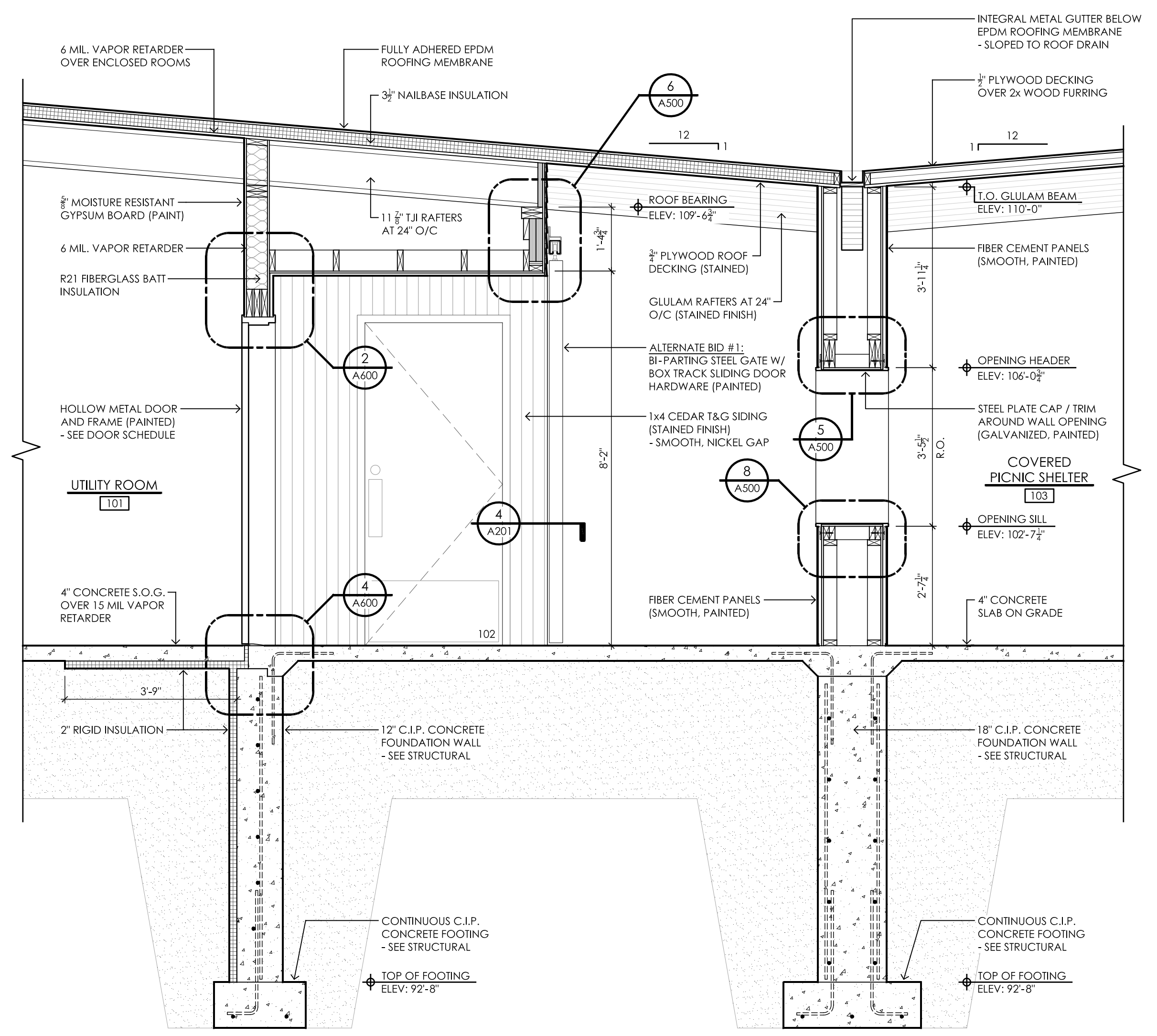
4 RAMP SECTION AT LOWER LANDING
A301
1/4" = 1'-0"



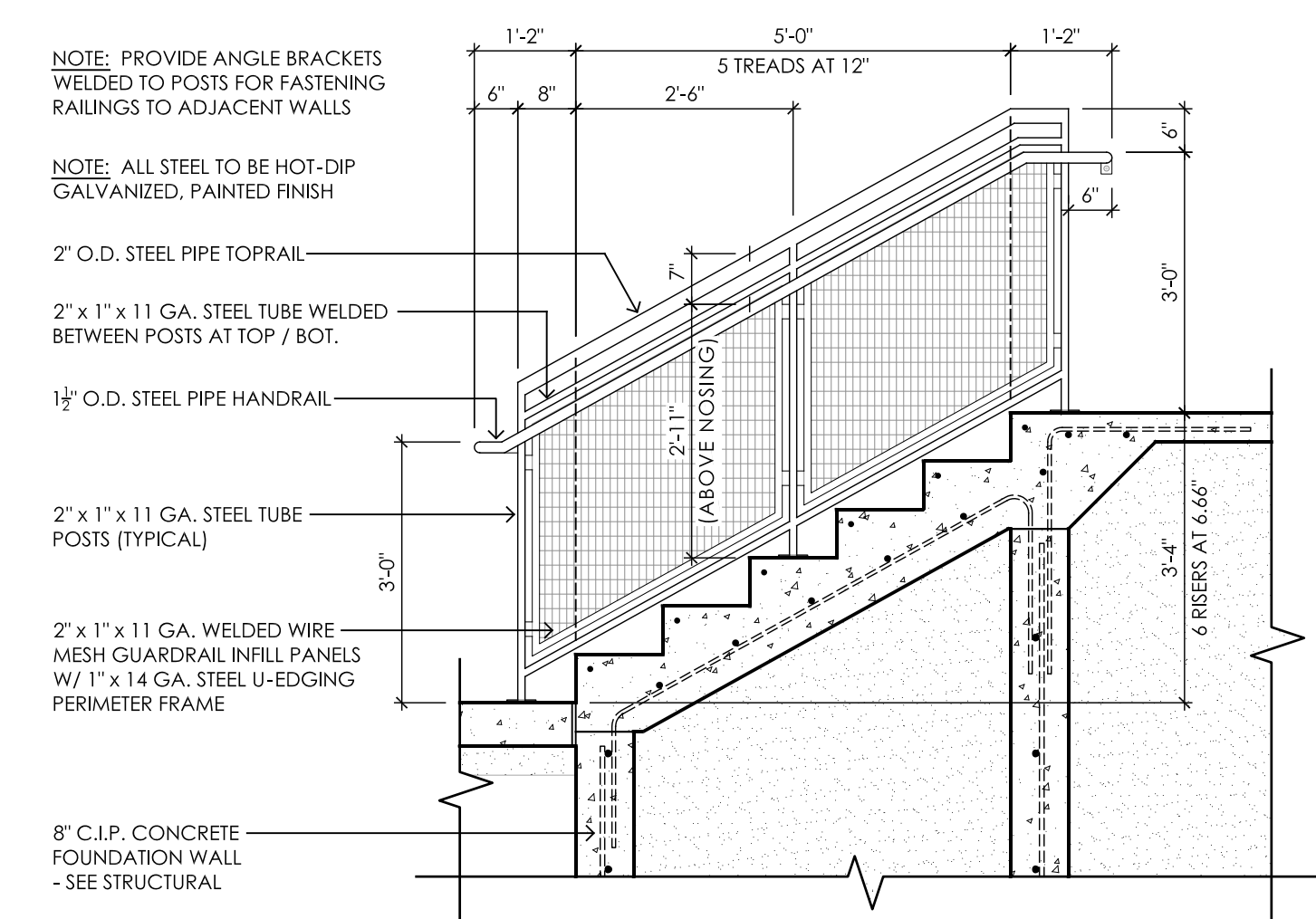
1 SHELTER WALL SECTION
A302 1/2" = 1'-0"



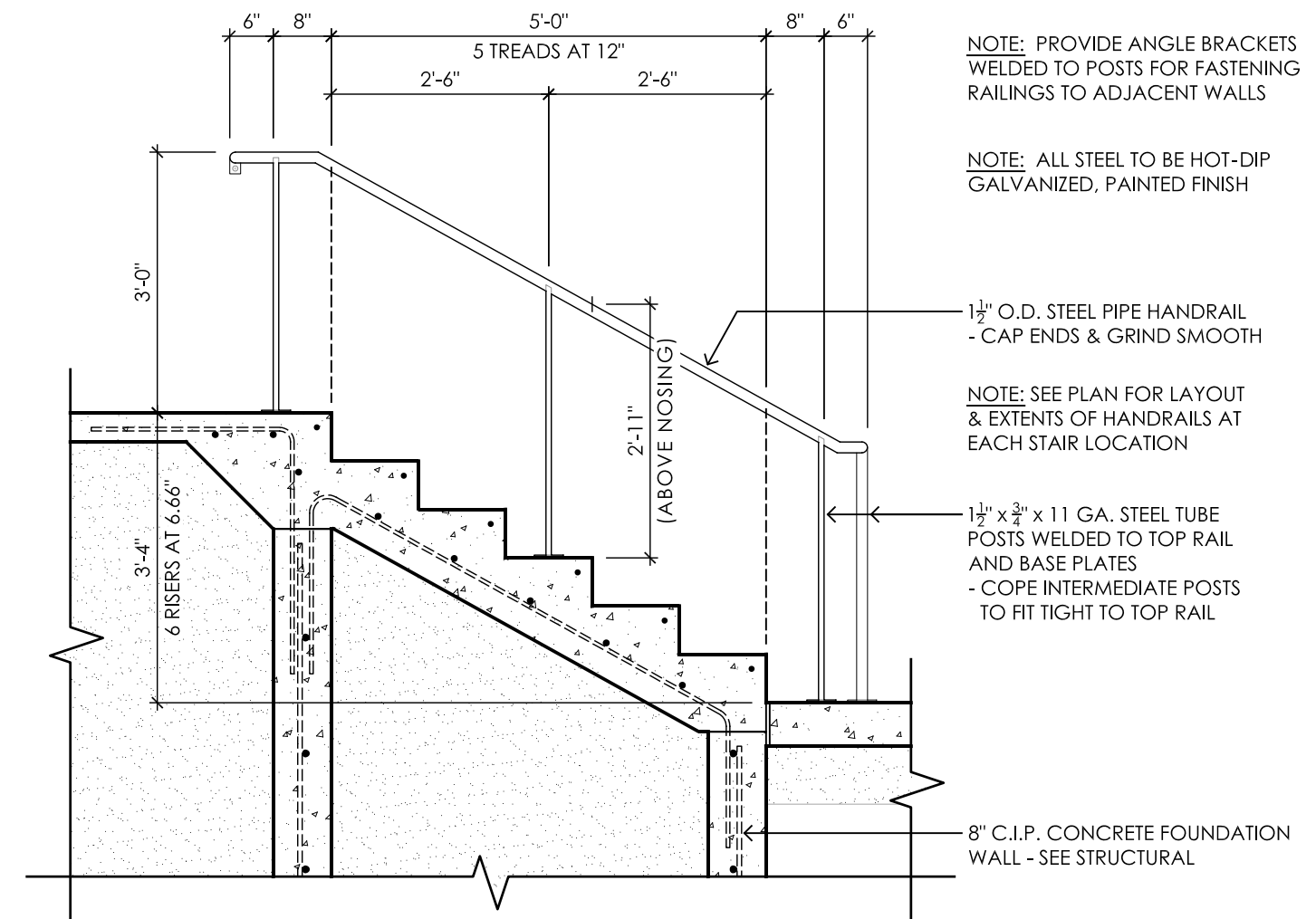
2 SHELTER WALL SECTION
A302 1/2" = 1'-0"



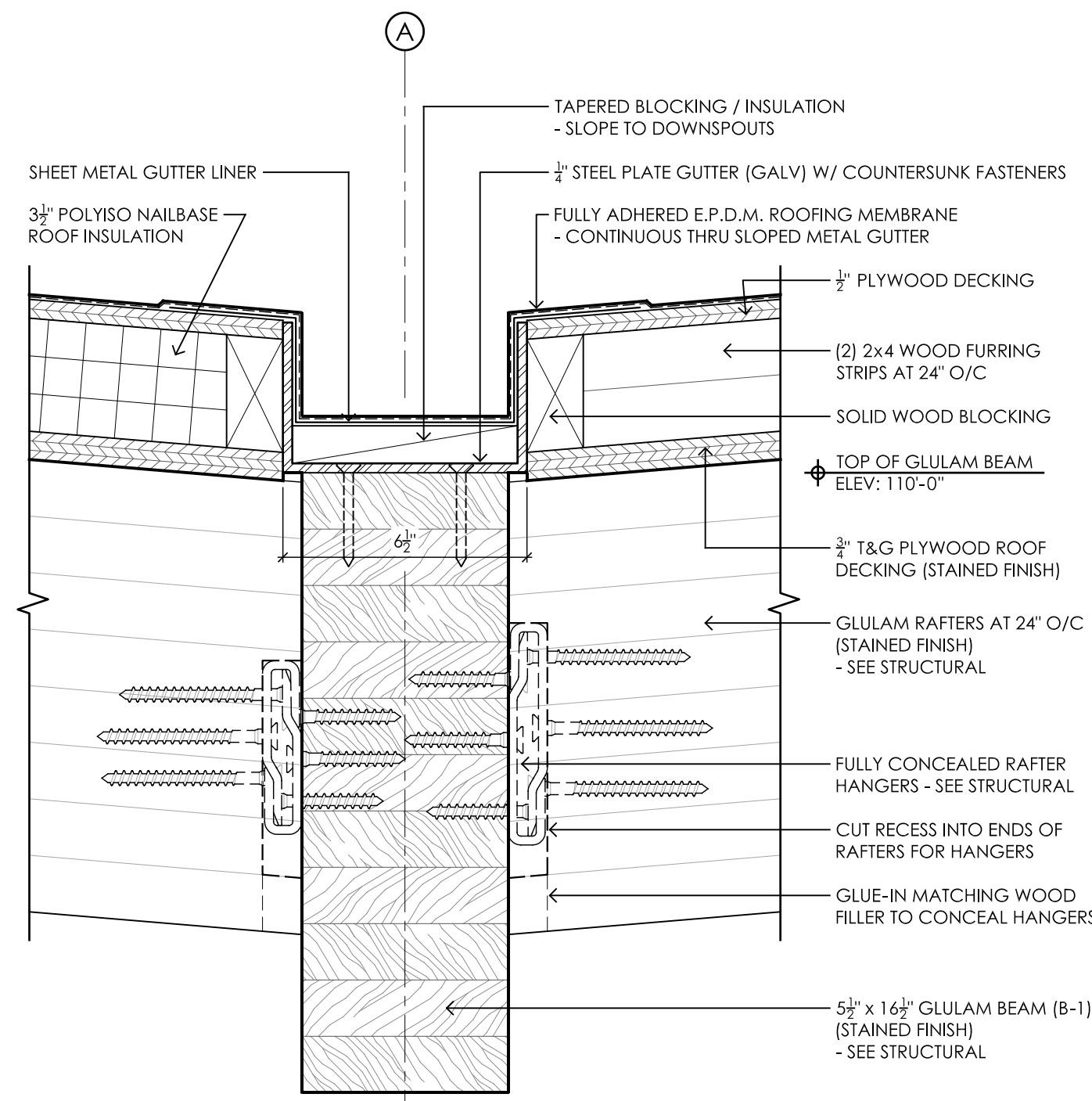
3 SHELTER WALL SECTION
A302 1/2" = 1'-0"



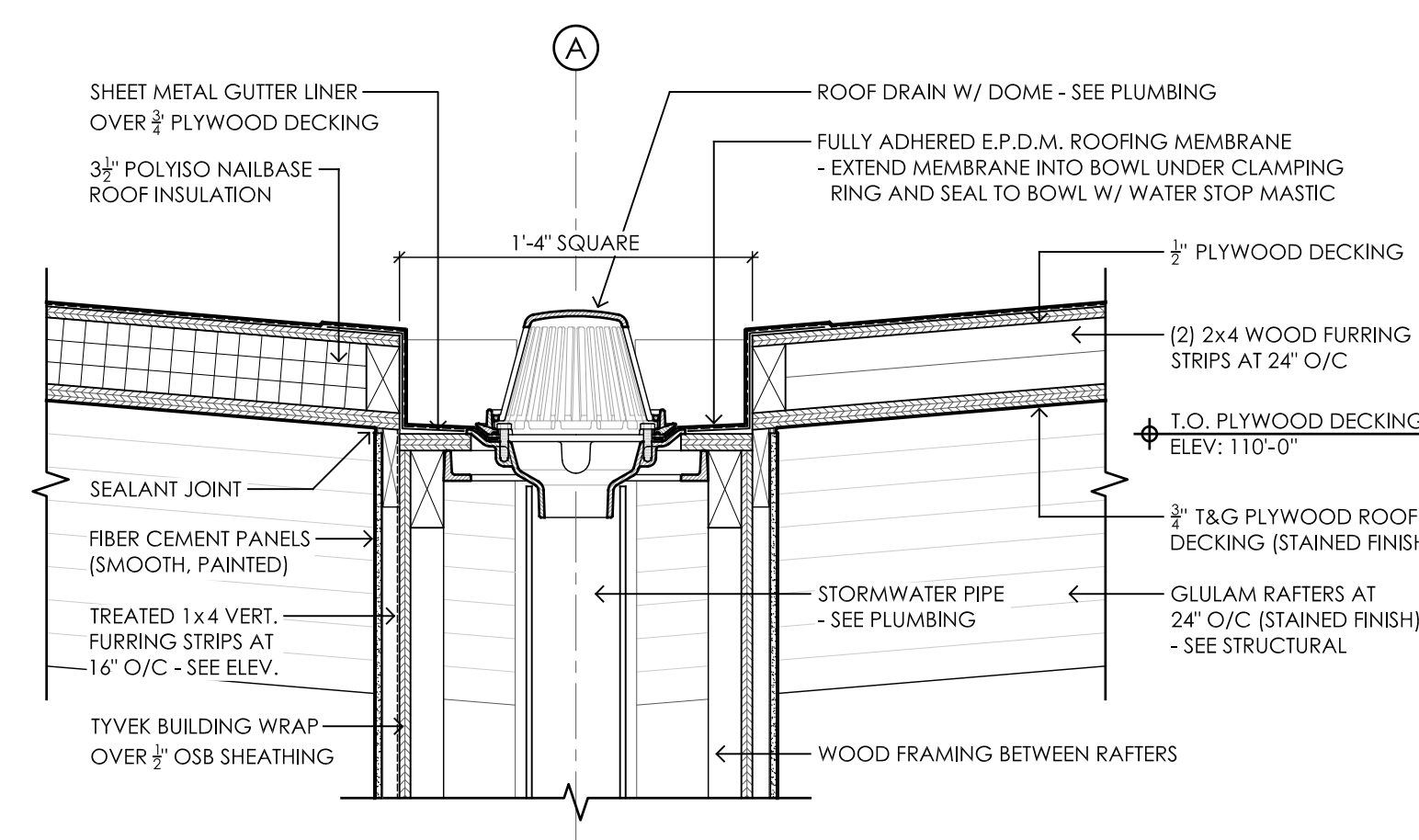
4 STAIR SECTION AT GUARDRAIL
A302 1/2" = 1'-0"



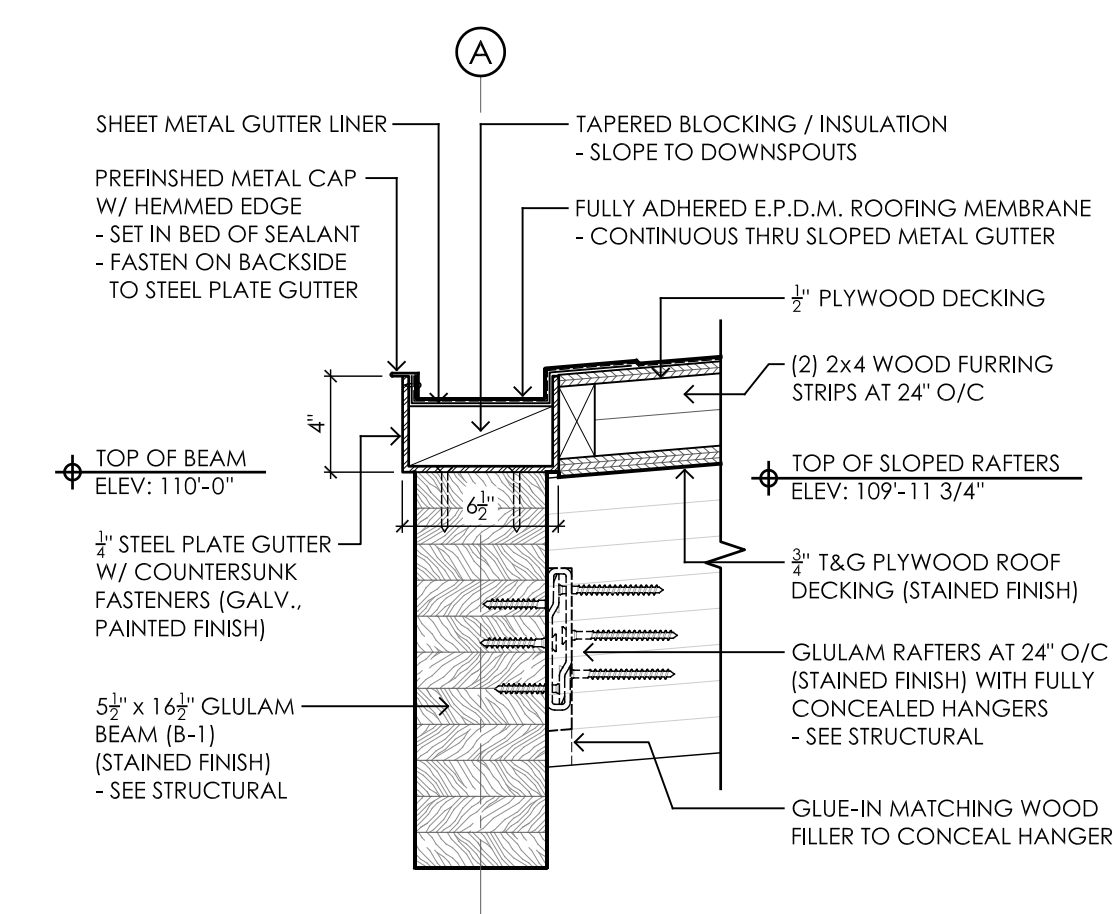
5 STAIR SECTION AT HANDRAIL
A302 1/2" = 1'-0"



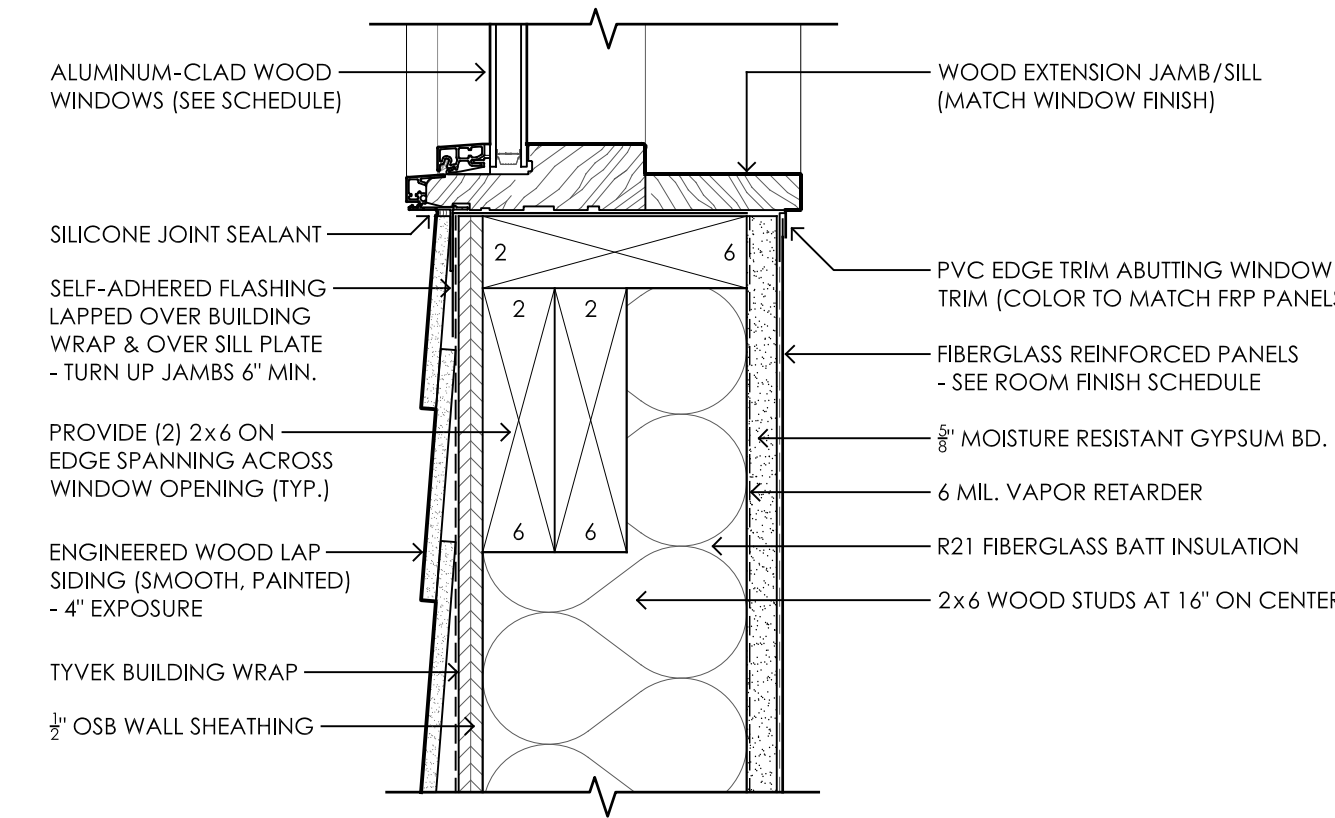
1 INTEGRAL METAL GUTTER DETAIL
A500 3" = 1'-0"



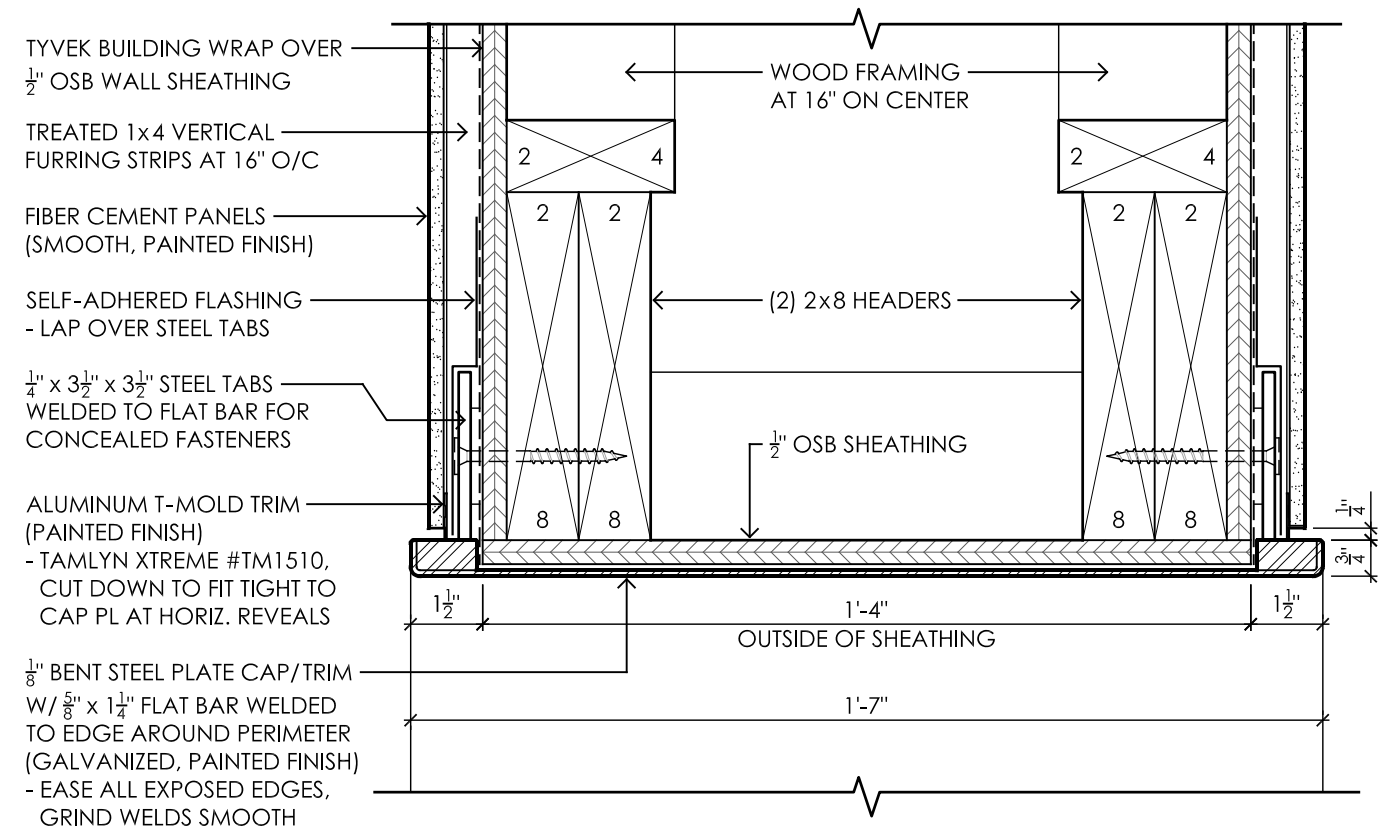
2 ROOF DRAIN / GUTTER DETAIL
A500 1 1/2" = 1'-0"



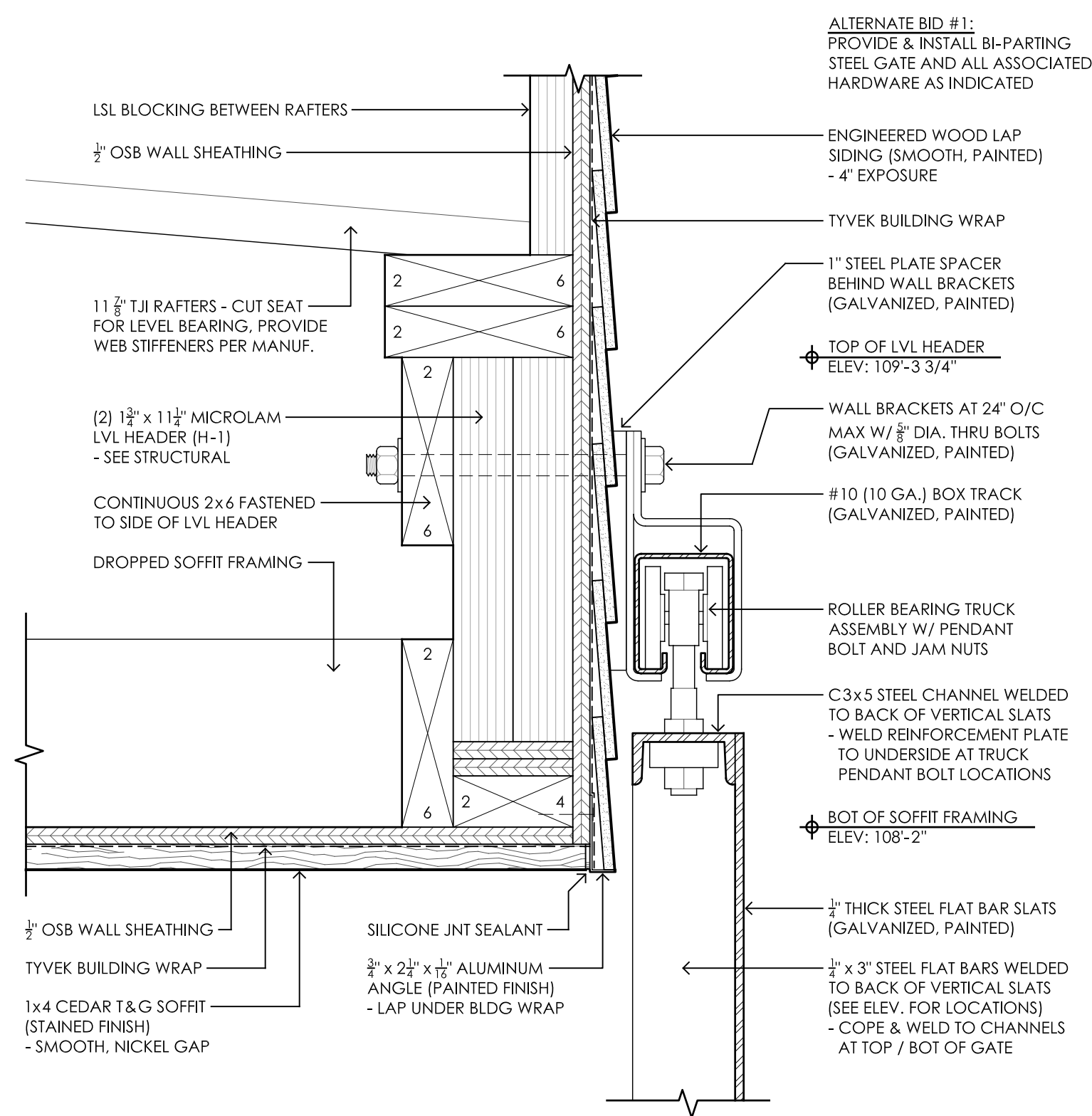
3 ROOF EDGE / GUTTER DETAIL
A500 1 1/2" = 1'-0"



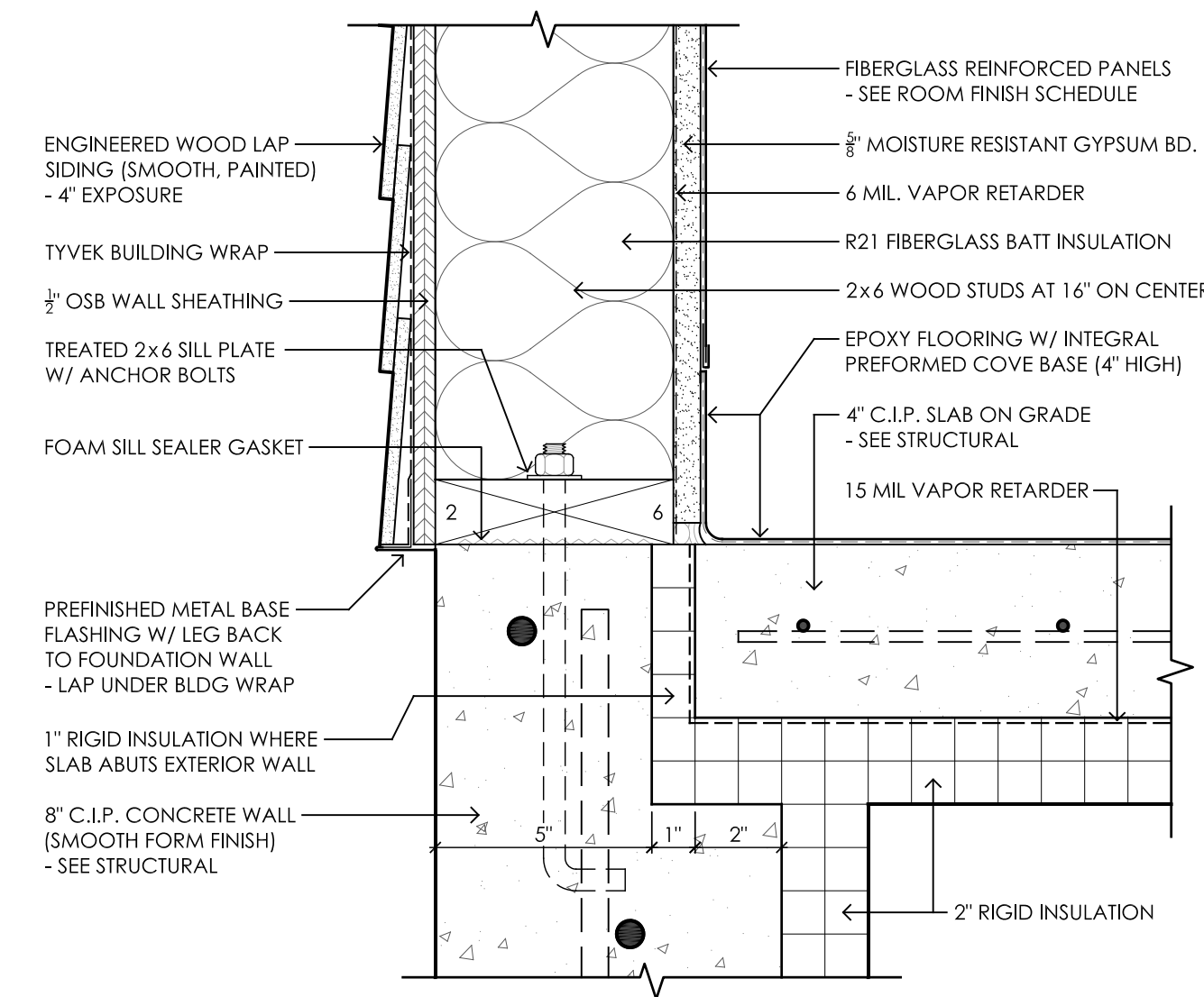
4 WINDOW SILL DETAIL
A500 3" = 1'-0"



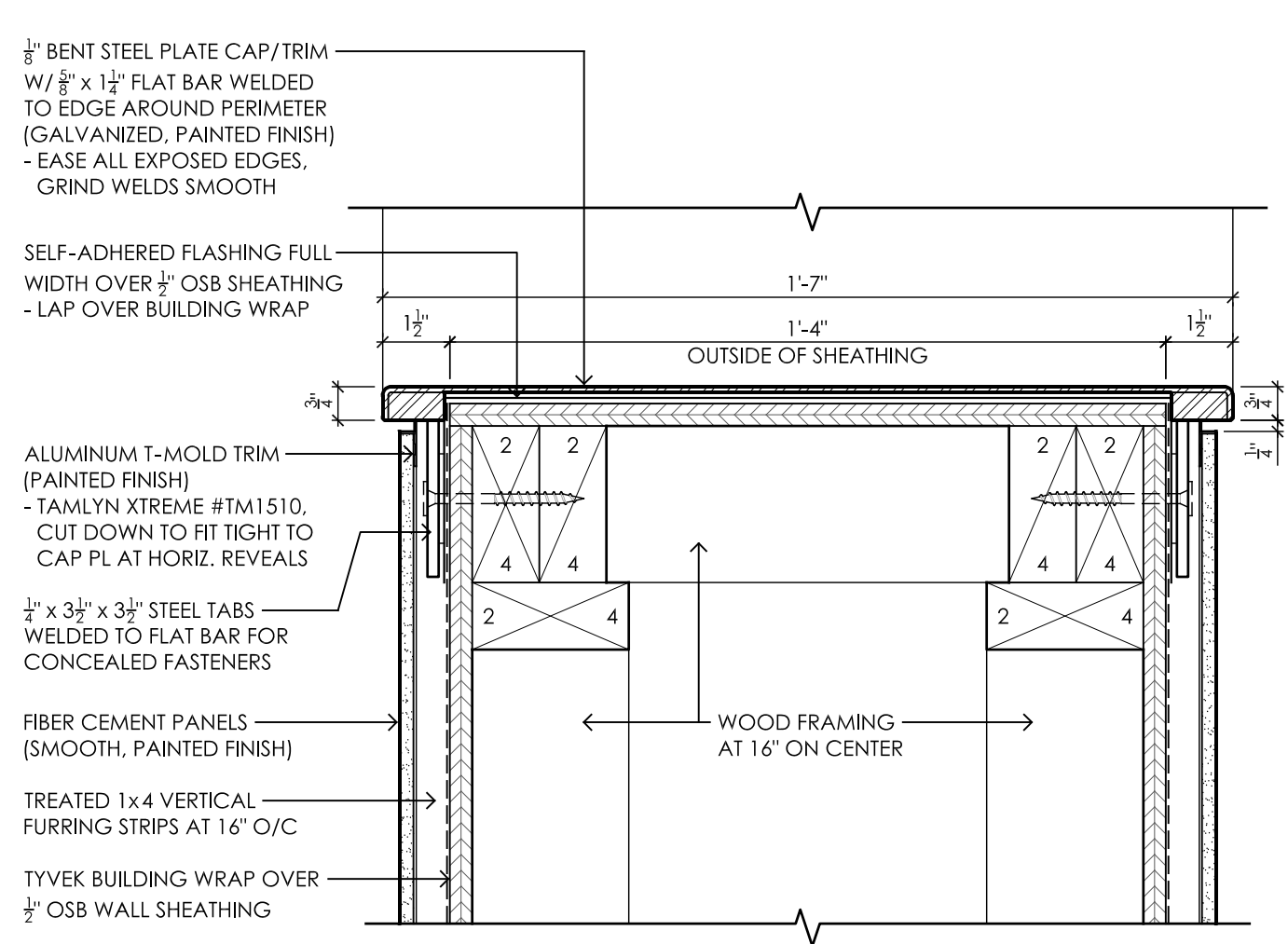
5 STEEL WALL TRIM DETAIL
A500 3" = 1'-0"



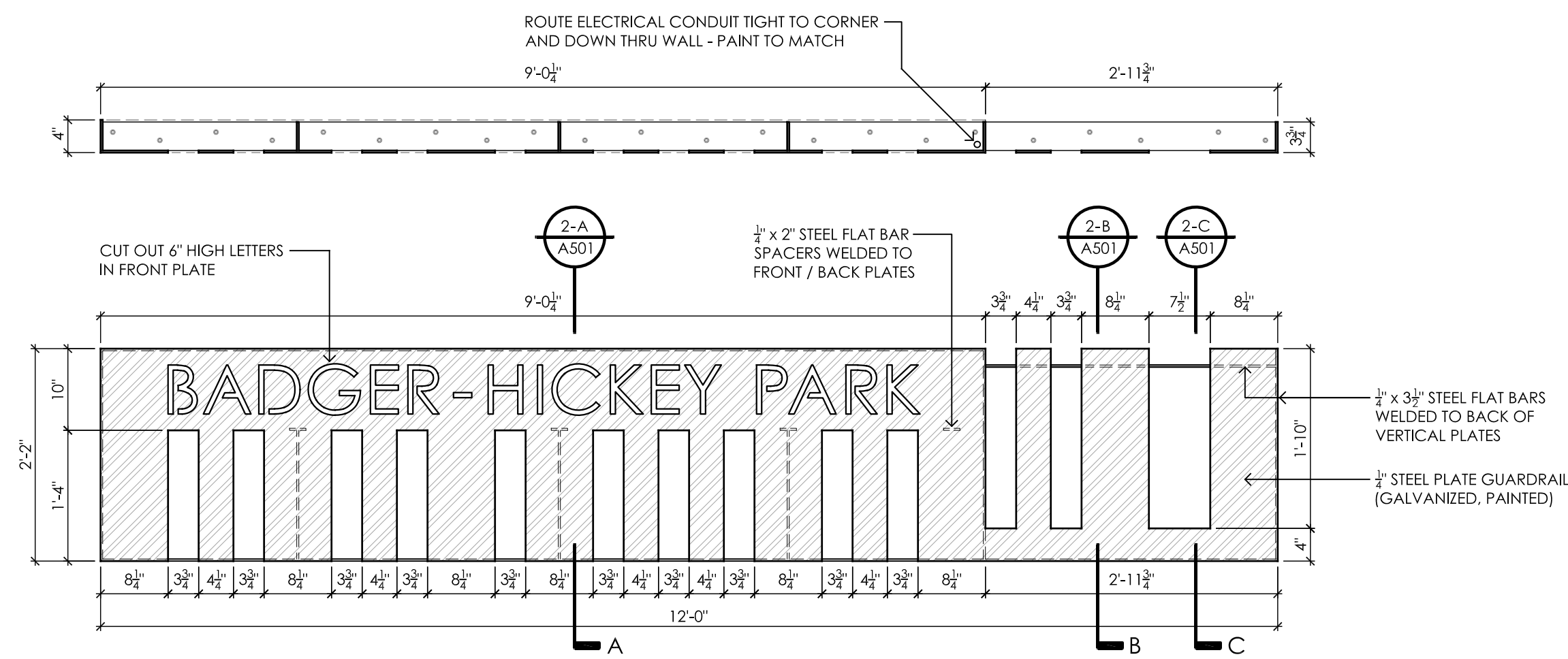
6 WALL SECTION DETAIL
A500 3" = 1'-0"



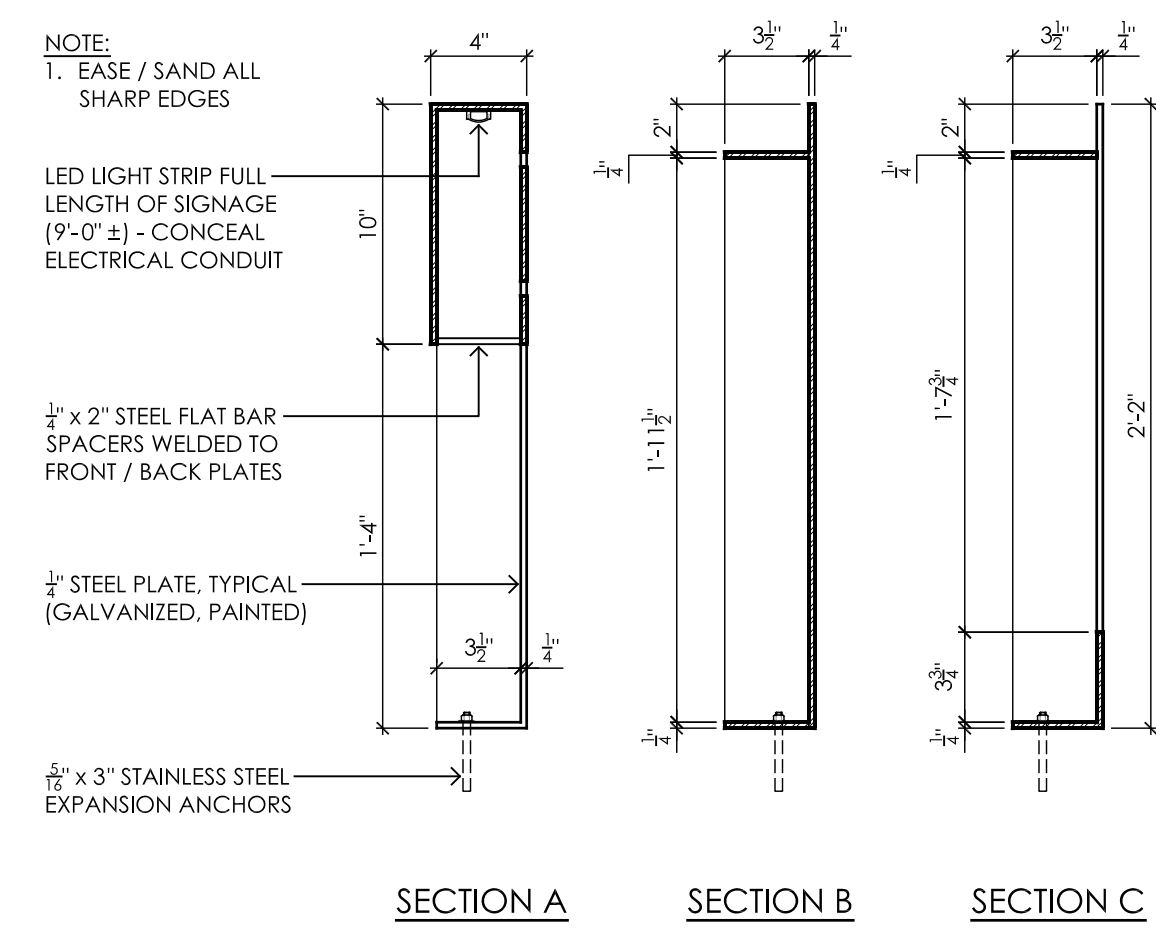
7 WALL SECTION DETAIL
A500 3" = 1'-0"



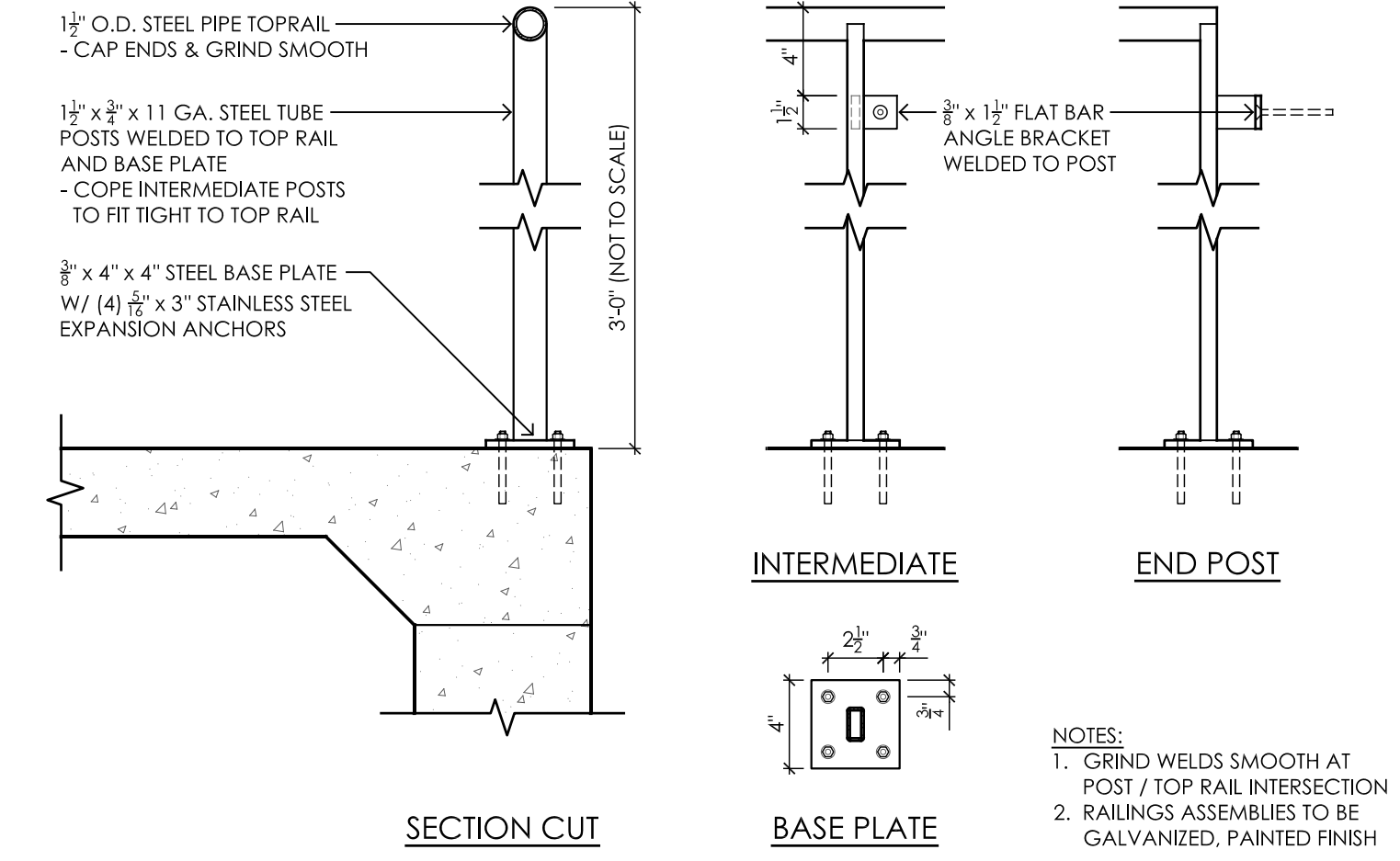
8 STEEL WALL CAP DETAIL
A500 3" = 1'-0"



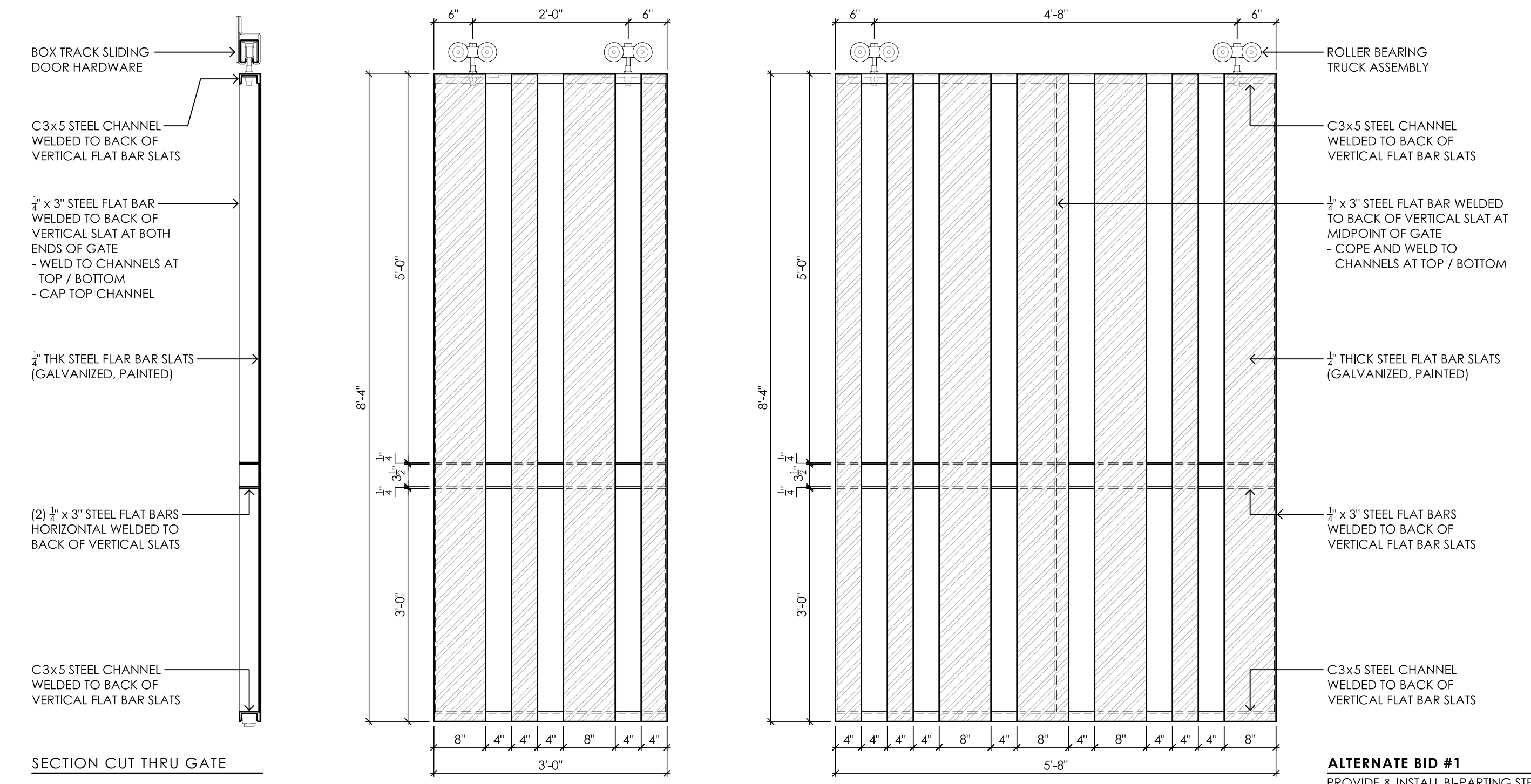
1 DECORATIVE GUARDRAIL ELEVATION
A501 3/4" = 1'-0"



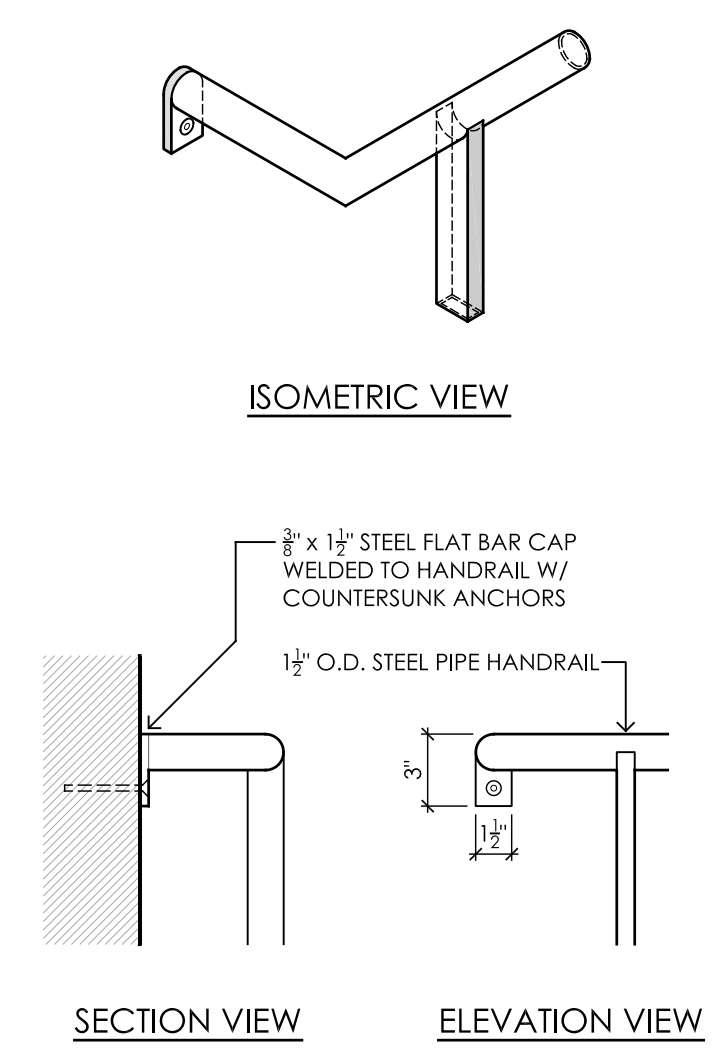
2 GUARDRAIL SECTIONS
A501 1 1/2" = 1'-0"



3 TYPICAL HANDRAIL DETAILS
A501 1 1/2" = 1'-0"

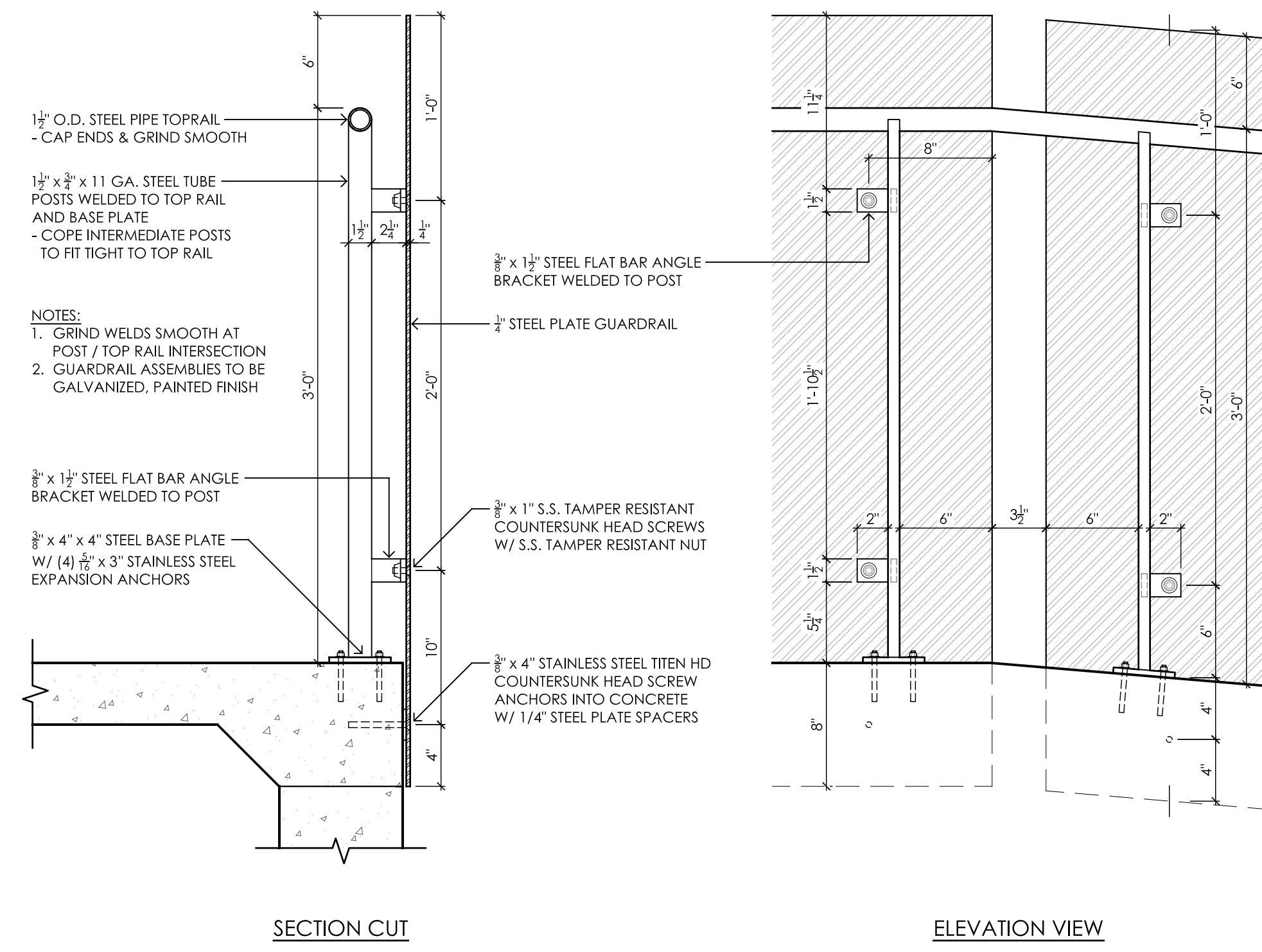


4 BI-PARTING STEEL GATE DETAIL
A501 3/4" = 1'-0"

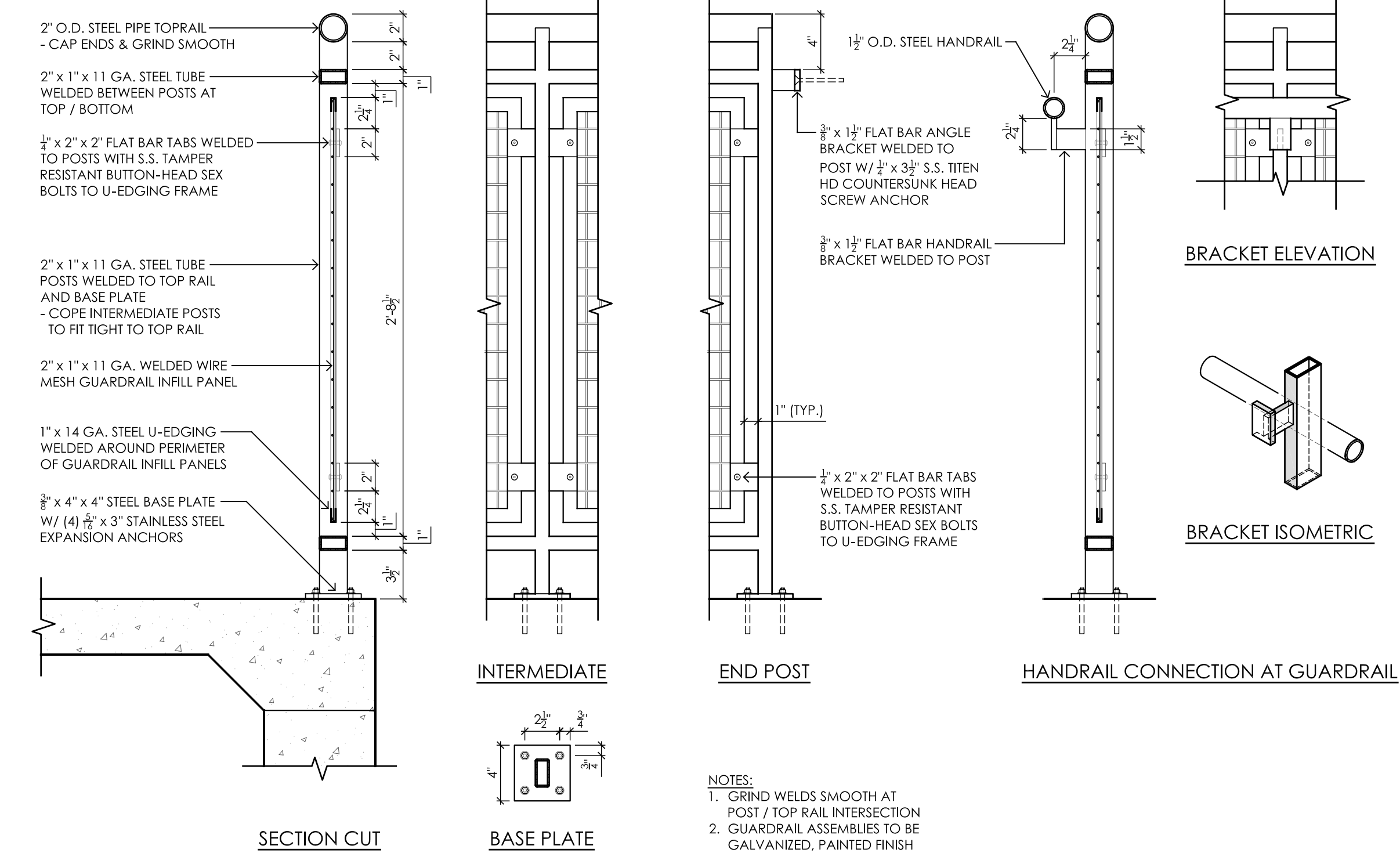


5 TYP. HANDRAIL CONN. TO WALL
A501 1 1/2" = 1'-0"

ALTERNATE BID #1
PROVIDE & INSTALL BI-PARTING STEEL SECURITY GATE AND ALL ASSOCIATED HARDWARE AS INDICATED



1 RAMP GUARDRAIL DETAILS
A502 1 1/2" = 1'-0"



2 WIRE MESH GUARDRAIL DETAILS
A502 1 1/2" = 1'-0"

ROOM MATERIAL AND FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR		BASE	WALLS								CEILING			REMARKS
		SUBSTRATE	FINISH		NORTH		EAST		SOUTH		WEST		SUBSTRATE	FINISH	CLG. HT.	
					FINISH	FINISH	FINISH	FINISH	FINISH	FINISH						
100	MALE RESTROOM	CONCRETE	EPOXY	EPOXY	GWB	P-1 / FRP-1	GWB	P-1 / FRP-1	GWB	P-1 / FRP-1	GWB	P-1 / FRP-1	WOOD	P-4	SLOPED	1, 2, 3
101	UTILITY ROOM	CONCRETE	SEALED	---	GWB	P-1	GWB	P-1	GWB	P-1	GWB	P-1	WOOD	UNFINISHED	SLOPED	1
102	FEMALE RESTROOM	CONCRETE	EPOXY	EPOXY	GWB	P-1 / FRP-1	GWB	P-1 / FRP-1	GWB	P-1 / FRP-1	GWB	P-1 / FRP-1	WOOD	P-4	SLOPED	1, 2, 3
103	COVERED PICNIC SHELTER	CONCRETE	BROOM	---	FIBER CMNT	P-2	---	---	---	---	---	---	WOOD	STAINED	SLOPED	

MATERIAL ABBREVIATIONS:

ACT-X	ACOUSTICAL PANEL CEILING TILE	P-X	PAINT
CMU	CONCRETE MASONRY UNIT	PT-X	PORCELAIN TILE
CONC.	CONCRETE	S.C.	SKIM COAT
CPT-X	CARPET	SVT-X	SOLID VINYL TILE
FRP-X	FIBER REINFORCED PANEL	T.B.B.	TILE BACKER BOARD
GWB	GYPSUM WALL BOARD	VB-X	VINYL BASE
LVT-X	LUXURY VINYL TILE		

FINISH SCHEDULE REMARKS:

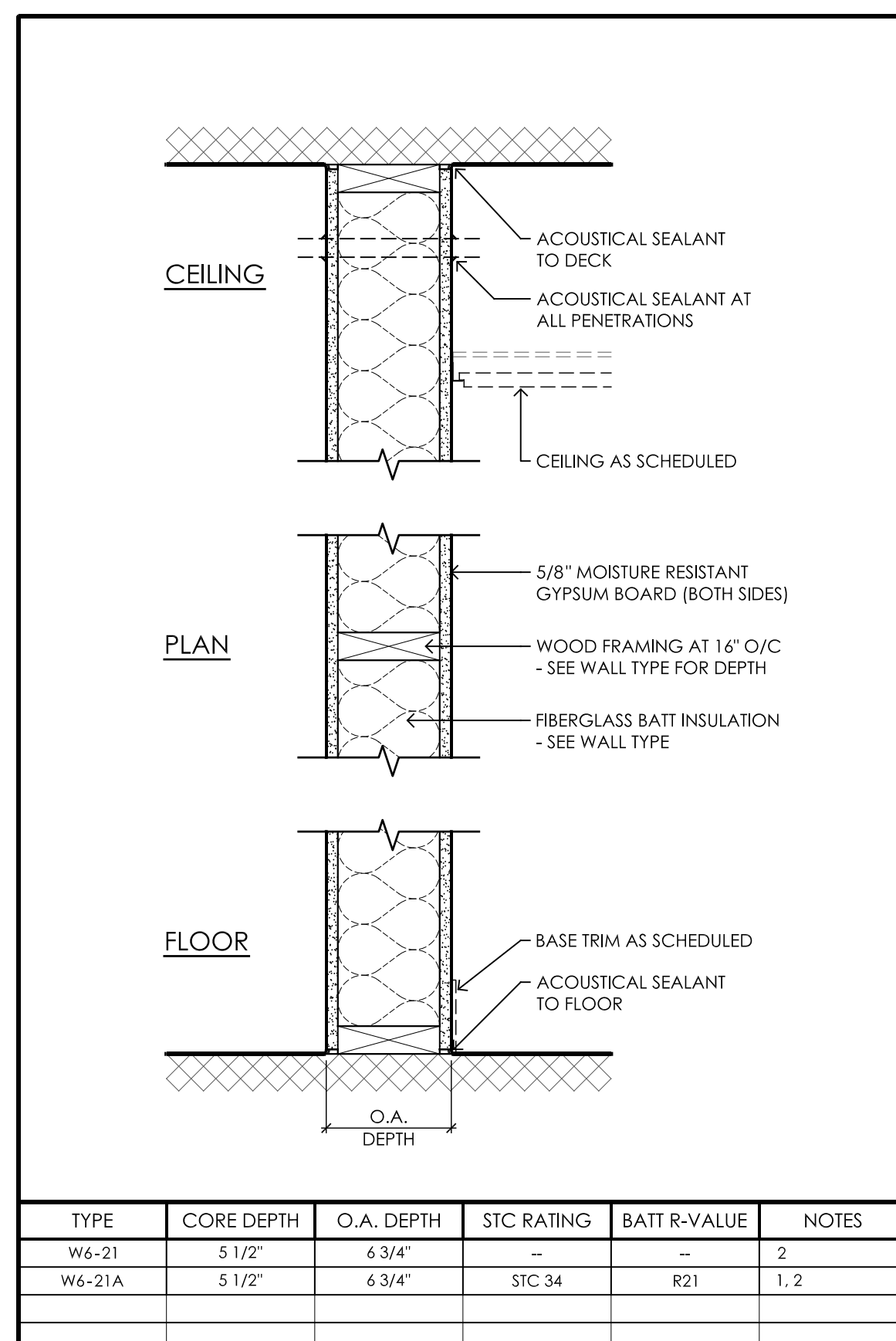
- INSTALL MOISTURE RESISTANT GYPSUM BOARD AT ALL WALLS WITHIN ROOM
- FIBER REINFORCED PANELS TO 9'-0" ABOVE FINISHED FLOOR (ALIGN WITH TOP OF WINDOWS)
- OPEN STRUCTURE CEILING TO BE PAINTED FINISH (WOOD RAFTERS / PLYWOOD ROOF DECKING)

DOOR AND HARDWARE SCHEDULE

NO.	DOOR SIZE				DOOR				FRAME				MISC.		REMARKS		
	W.	H.	T.	MAT.	TYPE	GLAZING TYPE	FINISH	MAT.	TYPE	DEPTH	DETAILS			FIRE RATING		HWDR GROUP	
											HEAD	JAMB	SILL				FINISH
100	3'-0"	7'-0"	1 3/4"	HM	F	---	P-3	HM	HM-1	8 3/4"	2/A600	3/A600	4/A600	P-3	---	1	1, 2
101	3'-0"	7'-0"	1 3/4"	HM	F	---	P-3	HM	HM-1	8 3/4"	2/A600	3/A600	4/A600	P-3	---	2	1
102	3'-0"	7'-0"	1 3/4"	HM	F	---	P-3	HM	HM-1	8 3/4"	2/A600	3/A600	4/A600	P-3	---	1	1, 2

DOOR SCHEDULE REMARKS:

- KERF FRAME W/ INTEGRAL WEATHERSTIPPING, INSULATED DOOR PANEL
- INSTALL KICK PLATE ON PUSH SIDE OF DOOR PANEL



PARTITION TYPE LEGEND:

CORE TYPES

- S - STEEL STUD FRAMING
- M - CONCRETE MASONRY WALL
- W - WOOD FRAMED CONSTRUCTION
- X - SHAFT WALL ASSEMBLY
- F - FURRING
- G - DIRECT-APPLIED GYPSUM BOARD

- FIRE RATING (HOURS)
- CORE TYPE CODE
- CORE DEPTH CODE
- WALL TYPE SPECIFIC



CORE DEPTH CODE METAL:	CORE DEPTH CODE MASONRY:	CORE DEPTH CODE WOOD:
0 = 7/8"	4 = 4" (3 5/8")	1 = 3/4"
1 = 1 5/8"	6 = 6" (5 5/8")	2 = 1 1/2"
2 = 2 1/2"	8 = 8" (7 5/8")	3 = 2 1/2"
3 = 3 5/8"	10 = 10" (9 5/8")	4 = 3 1/2"
4 = 4"	12 = 12" (11 5/8")	6 = 5 1/2"
6 = 6"		8 = 7 1/4"
8 = 8"		

WALL TYPE NOTES:

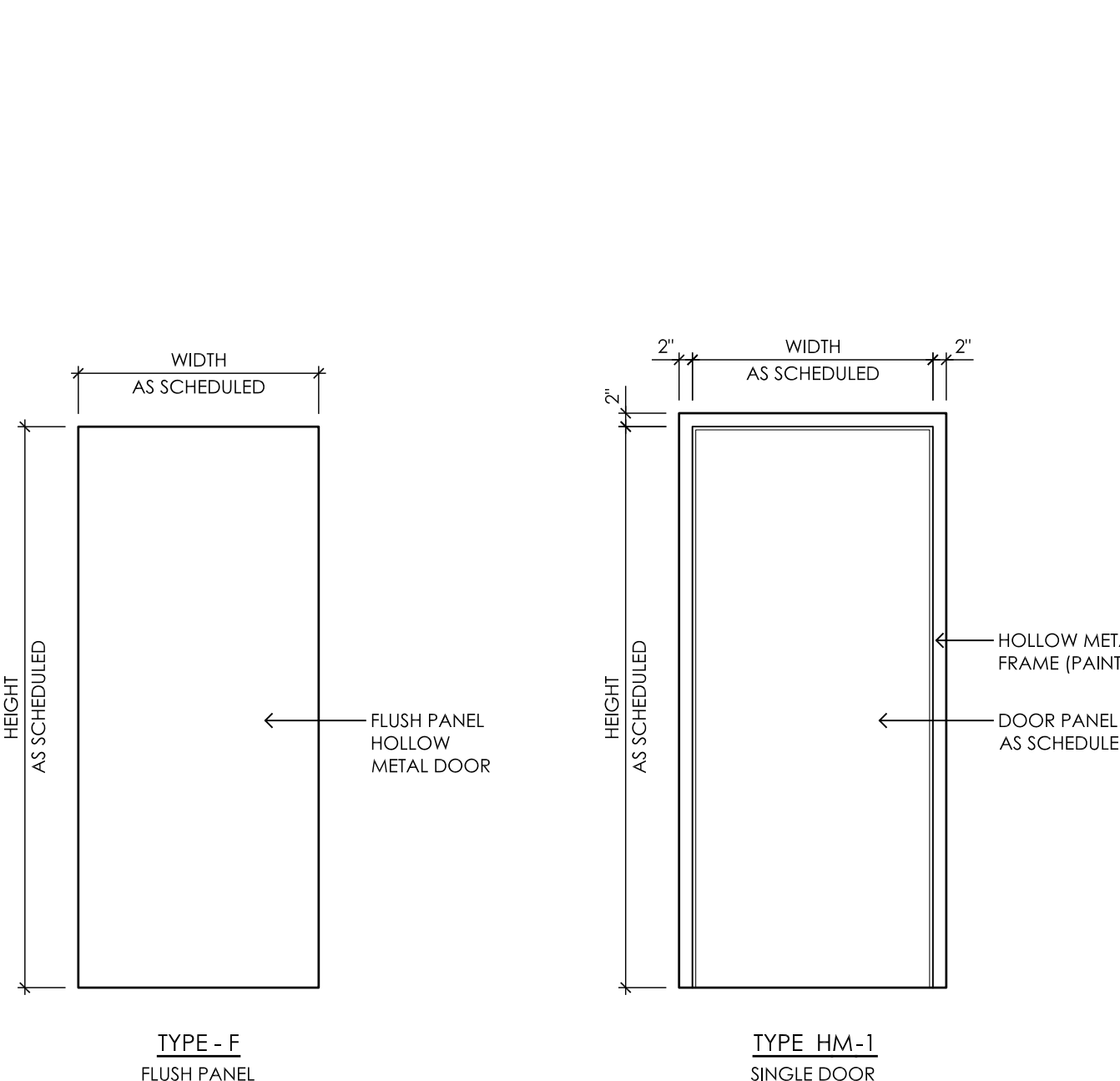
- ACOUSTIC WALL ASSEMBLY NOTES
 - ALL WALLS THAT INCLUDE SOUND ATTENUATION BLANKET TO BE SEALED AT PERIMETER WITH ACOUSTICAL SEALANT.
 - ALL WALLS THAT INCLUDE SOUND ATTENUATION BLANKET TO INCLUDE SEALS AT ALL ELECTRICAL BACK BOXES.
 - STC-RATED ASSEMBLIES: SEAL CONSTRUCTION AT PERIMETERS, BEHIND CONTROL JOINTS, AND AT OPENINGS AND PENETRATIONS WITH A CONTINUOUS BEAD OF ACOUSTICAL SEALANT. INSTALL ACOUSTICAL SEALANT AT BOTH FACES OF PARTITIONS AT PERIMETERS AND THROUGH PENETRATIONS.
 - SEAL PARTITIONS ABOVE ACOUSTICAL CEILINGS
 - INSTALL SOUND ATTENUATION BLANKETS BEFORE INSTALLING GYPSUM PANELS. UNLESS BLANKETS ARE READILY INSTALLED AFTER PANELS HAVE BEEN INSTALLED ON ONE SIDE.
 - INSTALL INSULATION WHERE INDICATED IN SOUND RATED ASSEMBLIES. MAINTAIN RATING OF ASSEMBLY.
- MOISTURE RESISTANT ASSEMBLY NOTES
 - MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED AT RESTROOMS, LOCKER ROOMS, SHOWER, CUSTODIAL, AND MECHANICAL SPACES.
 - MOISTURE RESISTANT GYPSUM BOARD TO BE INSTALLED FULL HEIGHT ON WET SIDE OF WALL UNLESS NOTED OTHERWISE.
 - FURNISH AND INSTALL TILE BACKING PANELS AT ALL WALL TILE LOCATIONS.
 - FURNISH AND INSTALL LATERAL BRACING AT ALL WALL TILE LOCATIONS IN LIEU OF MOISTURE RESISTANT GYPSUM BOARD. REFER TO INTERIOR ELEVATIONS FOR HEIGHT.

FINISH LEVEL SCHEDULE:

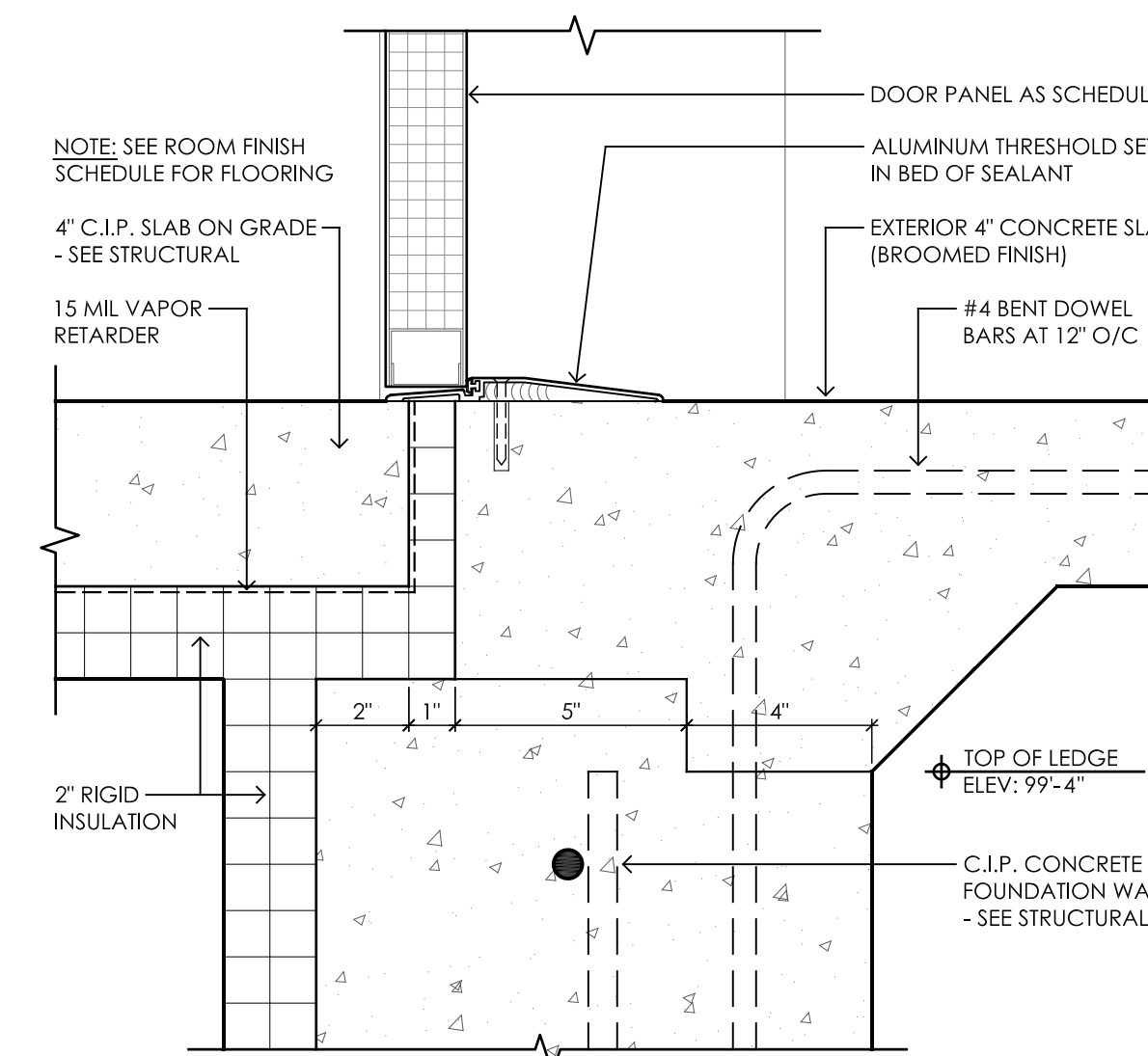
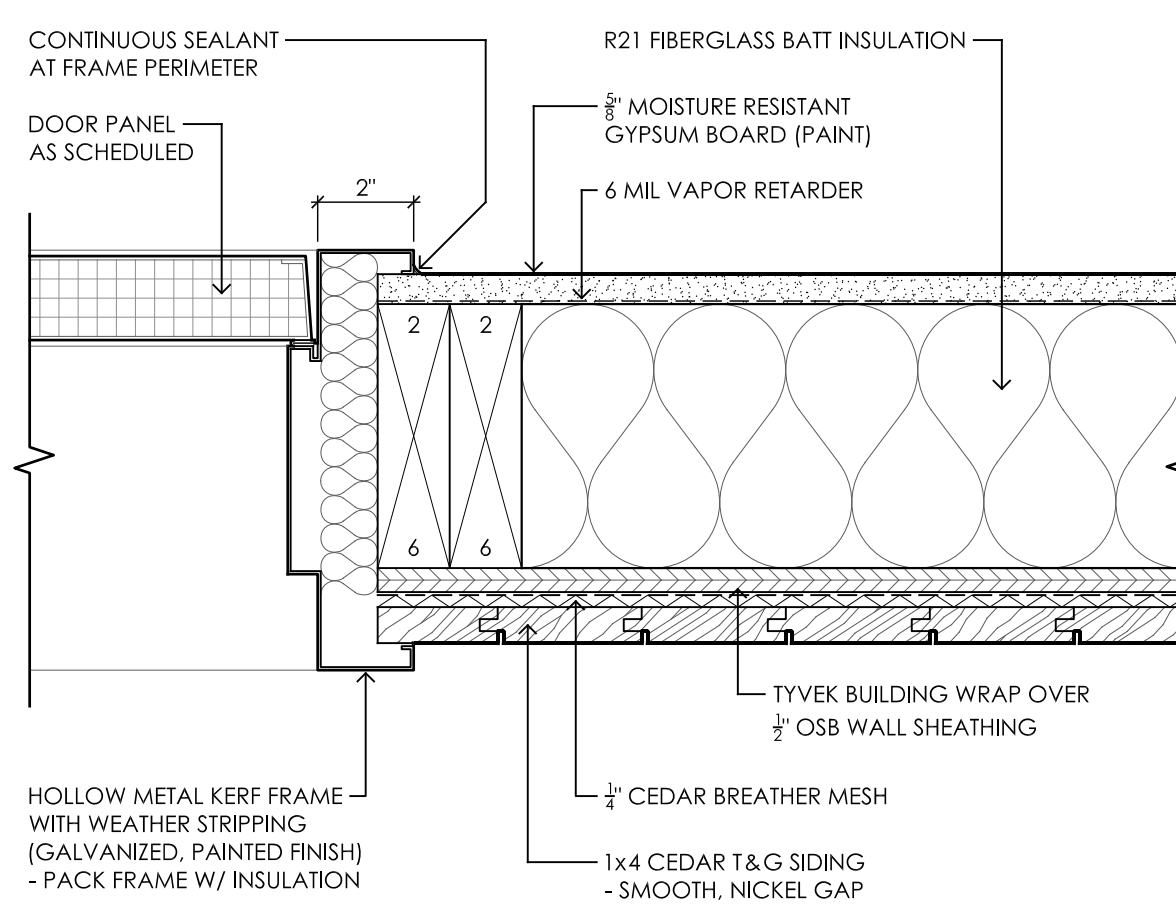
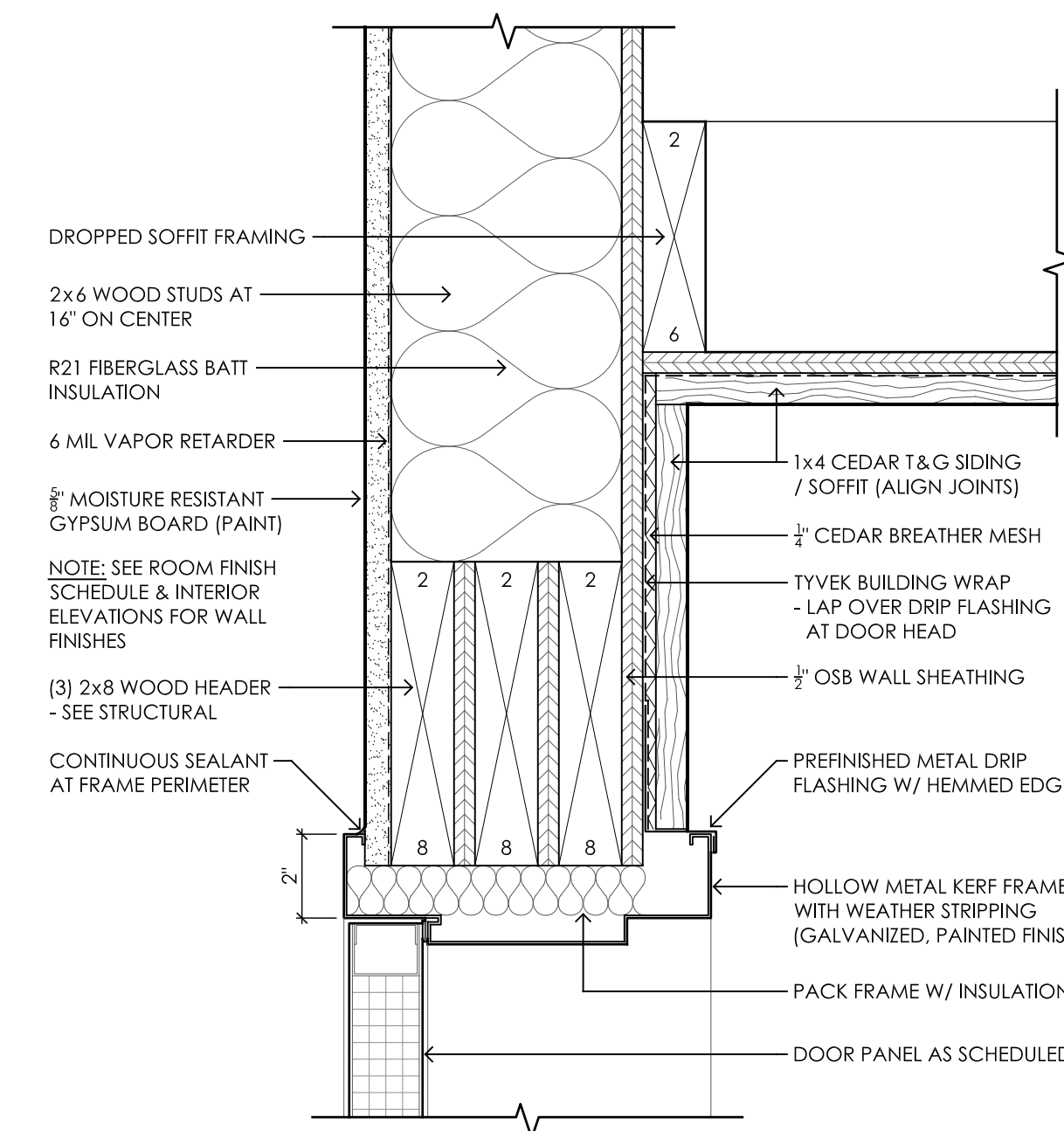
- LEVEL 0:**
- TEMPORARY CONSTRUCTION.
 - WHERE FINAL DECORATION HAS NOT YET BEEN DETERMINED.
- LEVEL 1:**
- CEILING PLENUM AREAS.
 - CONCEALED AREAS.
- LEVEL 2:**
- PANELS THAT ARE SUBSTRATE BOARD FOR TILE.
- LEVEL 3:**
- HEAVY WALLCOVERINGS WHERE LIGHTING CONDITIONS ARE NOT CRITICAL.
- LEVEL 4:**
- SURFACES RECEIVING LIGHT-TEXTURED FINISHES.
 - LIGHTWEIGHT WALLCOVERINGS.
 - FLAT PAINTS.
 - STANDARD EXPOSED FINISH.
- LEVEL 5:**
- SURFACES RECEIVING GLOSS PAINT.
 - SURFACES RECEIVING SEMI-GLOSS PAINTS AND ENAMELS.
 - SURFACES RECEIVING EGGSHELL ENAMELS.
 - SURFACES RECEIVING HIGH-PERFORMANCE COATINGS.

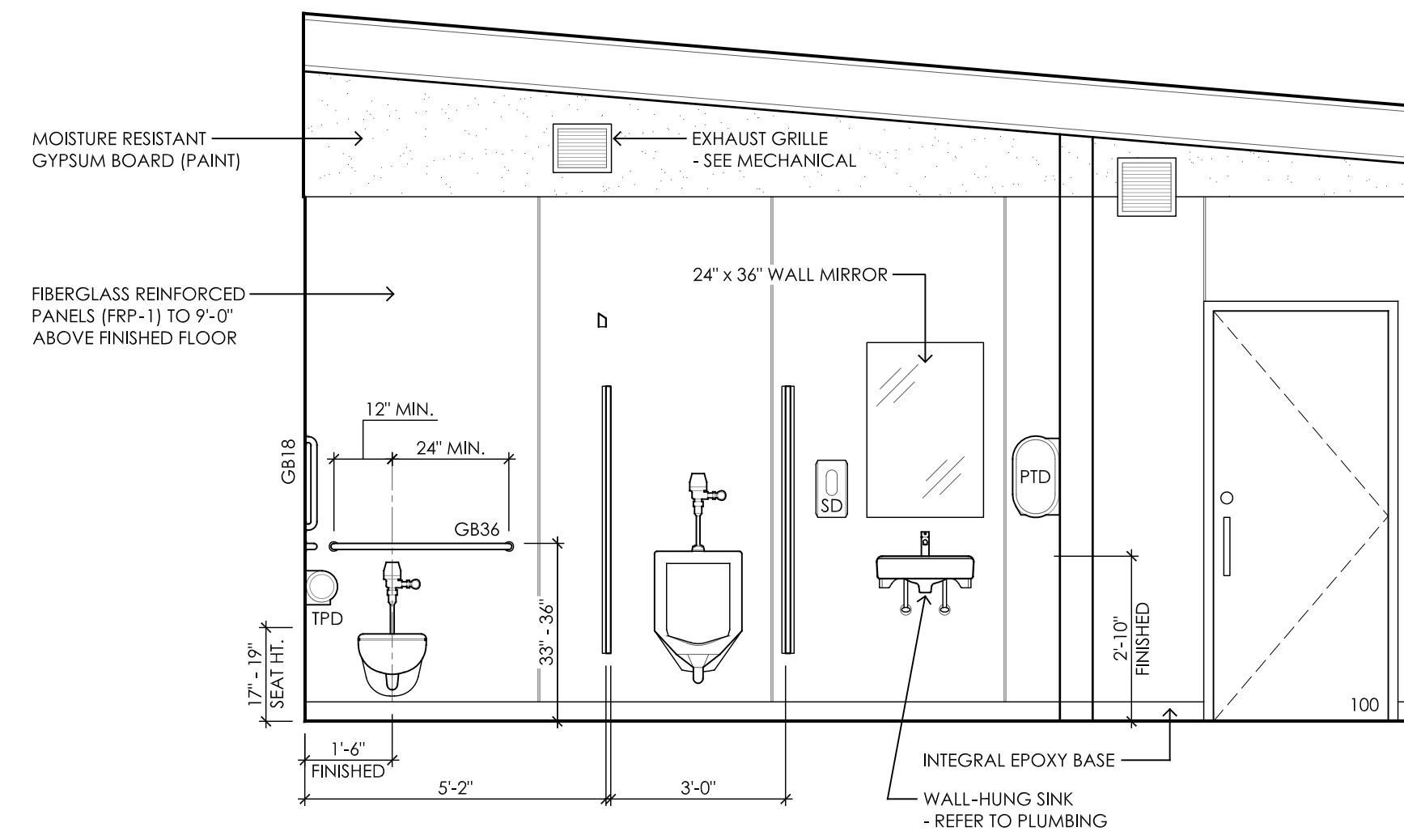
GENERAL NOTES - PARTITIONS:

- PARTITIONS ARE DIMENSIONED TO THE FACE OF FRAMING / MASONRY UNLESS NOTED OTHERWISE.
- FURNISH AND INSTALL ALL BLOCKING OR BACKING MATERIAL FOR ATTACHMENT OF WALL HUNG ITEMS OR EQUIPMENT.
- REFER TO ROOM FINISH SCHEDULE FOR FINISH MATERIALS.
- FURNISH AND INSTALL GYPSUM BOARD CONTROL JOINTS WHERE LENGTH OF UNINTERRUPTED PLANE EXCEEDS 30 FEET UNLESS NOTED OTHERWISE.
- PROVIDE FIRE CODE GYPSUM BD AT FIRE RATED PARTITIONS
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- FURNISH AND INSTALL APPROVED FIRE/SMOKE PACKING, FILLER, AND SEALANT AT ALL FIRE RATED ASSEMBLIES.
- PROVIDE FIRE-BLOCKING BETWEEN STUDS AT FINISHED CEILING HEIGHT WHERE WALL CAVITIES DO NOT CONTAIN BATT INSULATION. FIRE-BLOCKING CAN BE FRP WOOD BLOCKING OR 1 1/2" H BATTS FULLY FILLING STUD CAVITY & FIXED IN PLACE
- REFER TO FLOOR PLANS AND ENLARGED PLANS FOR WALL TYPE DESIGNATIONS.
- WALLS NOTED TO BE FIRE RATED SHALL INCLUDE THE ENTIRE LENGTH AND HEIGHT OF WALL.
- EXTEND ALL WALLS AND INTERIOR PARTITIONS TO THE UNDERSIDE OF STRUCTURAL DECKING UNLESS NOTED OTHERWISE.
- NEOPRENE FILLER OR FIRESTOPPING TO BE FURNISHED AND INSTALLED WHERE TOP OF WALL EXTENDS TO DECK FLUTES.
- FURNISH AND INSTALL CEMENT BACKER BOARD AT ALL WALL TILE LOCATIONS.
- FURNISH AND INSTALL LATERAL BRACING AT ALL WALL TILE LOCATIONS THAT DO NOT EXTEND TO STRUCTURE ABOVE.
- REFER TO SPECIFICATION SECTION 09 29 00 - GYPSUM BOARD AND SECTION 09 91 00 - PAINTING FOR FINISH LEVEL REQUIREMENTS.

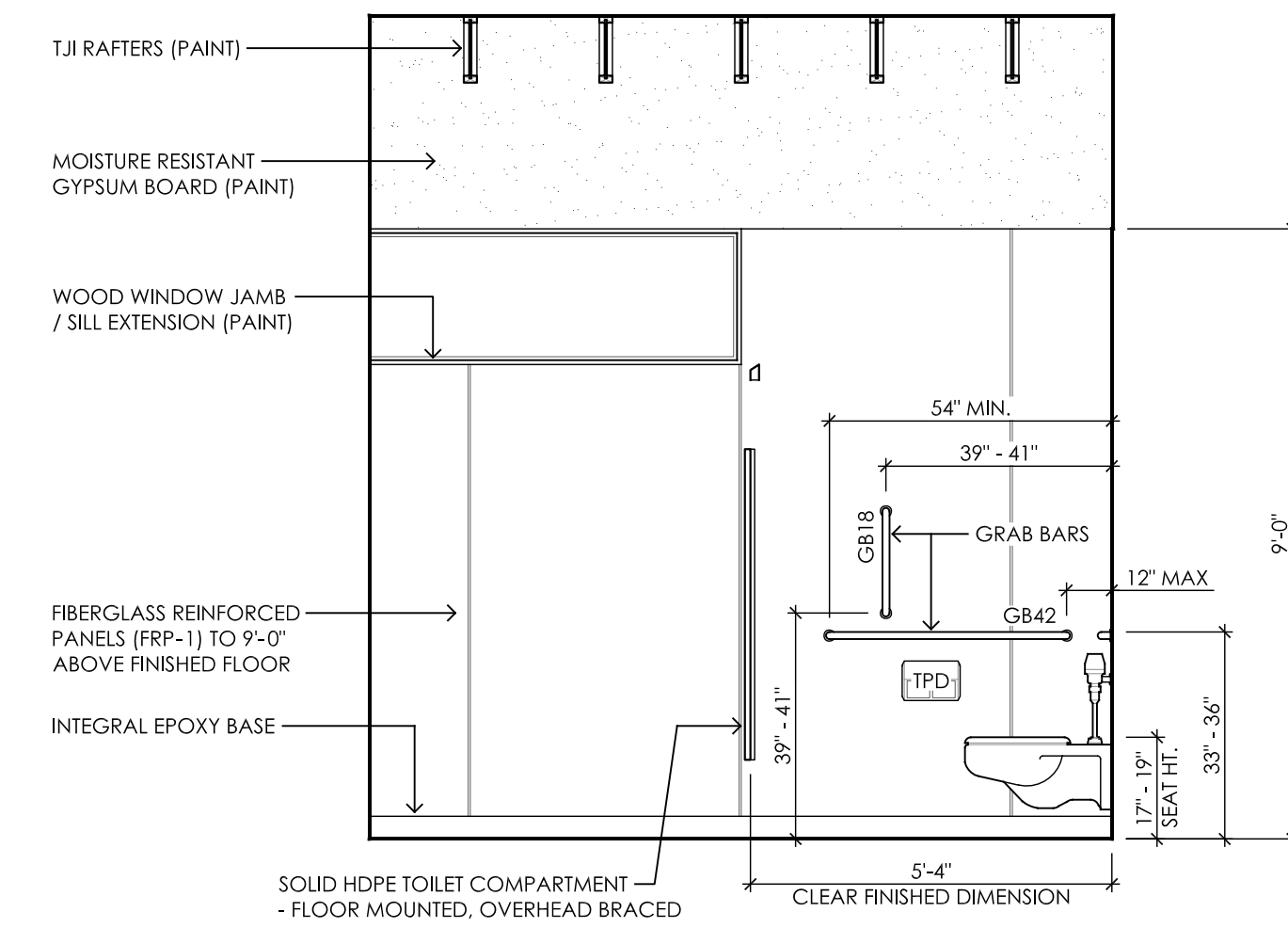


1 DOOR & FRAME TYPES
A600 3/8" = 1'-0"

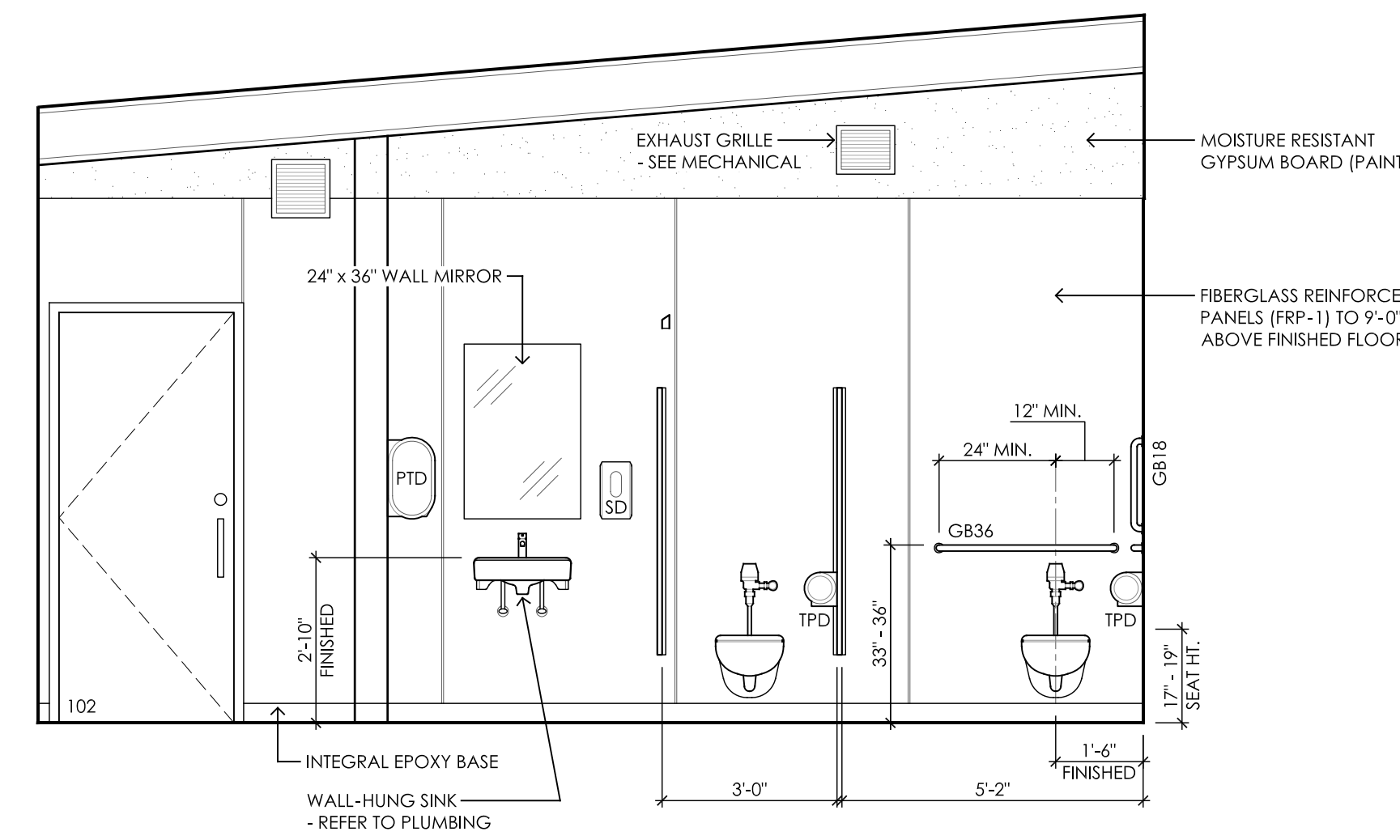




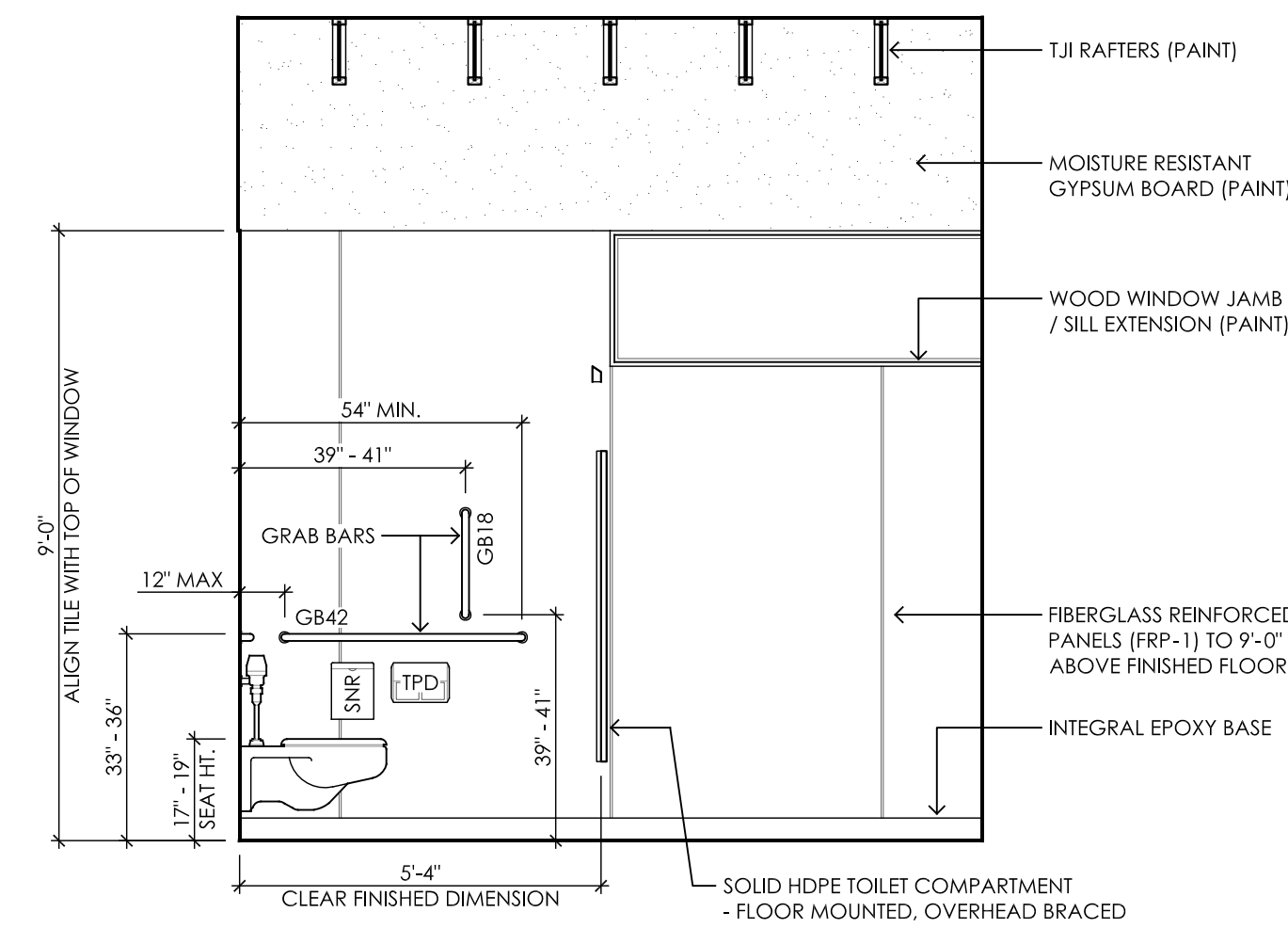
1 EAST WALL ELEVATION - RM #100
A700 3/8" = 1'-0"



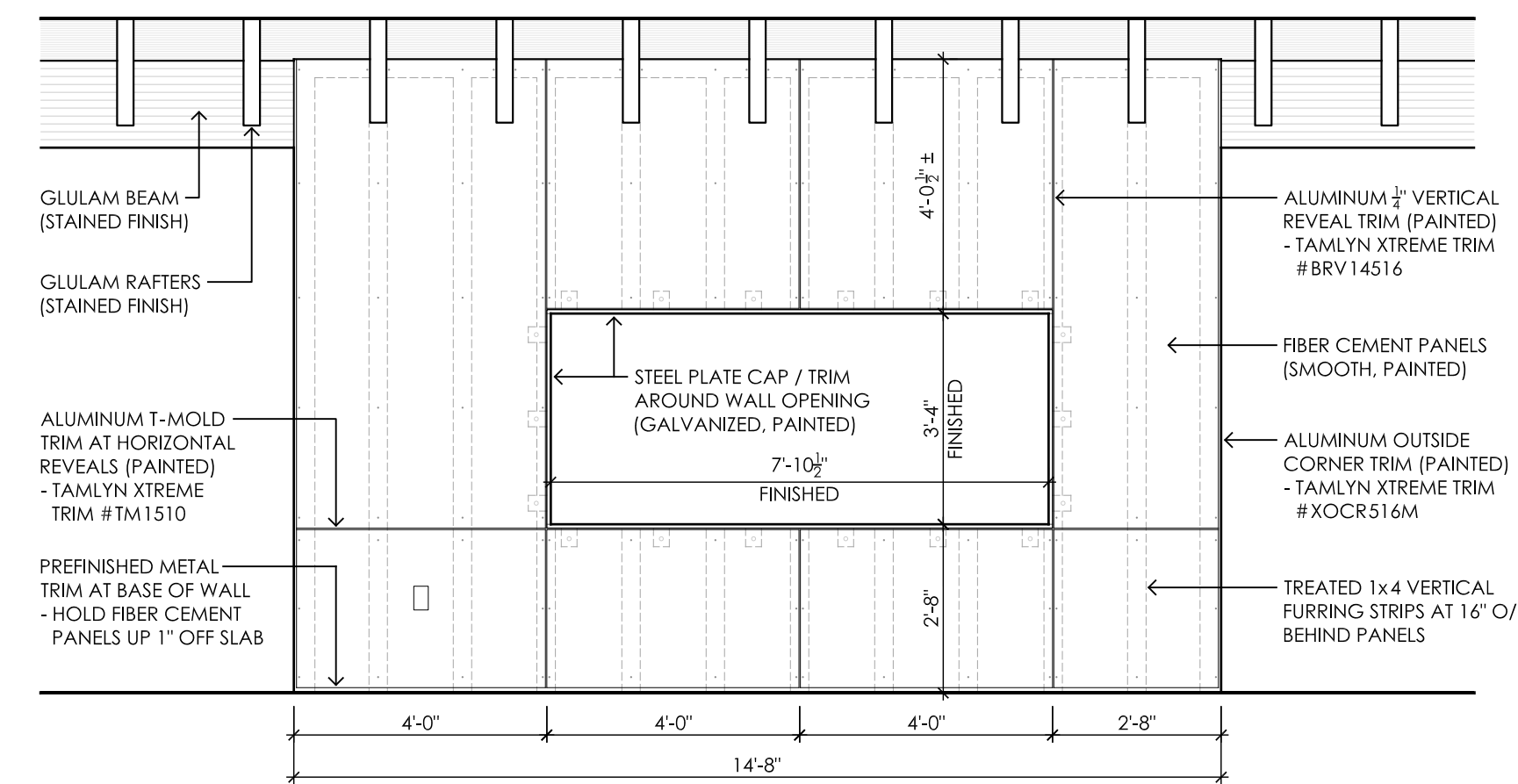
2 NORTH WALL ELEVATION - RM #100
A700 3/8" = 1'-0"



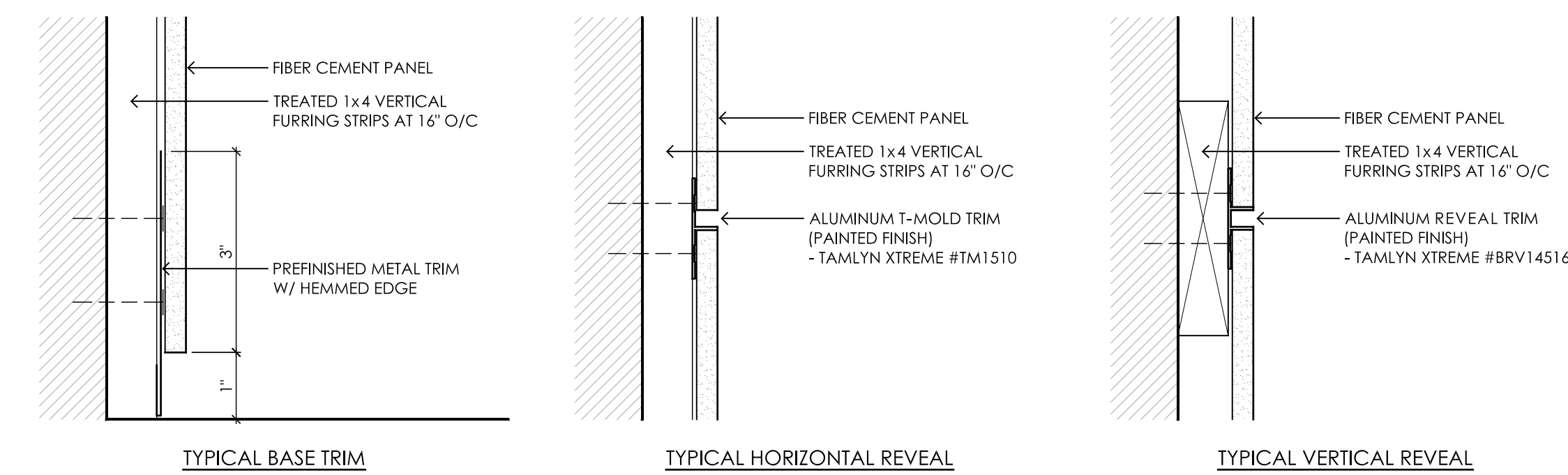
3 WEST WALL ELEVATION - RM #102
A700 3/8" = 1'-0"



4 NORTH WALL ELEVATION - RM #102
A700 3/8" = 1'-0"



5 PARTITION WALL ELEVATION
A700 3/8" = 1'-0"



6 TYPICAL FIBER CEMENT PANEL TRIM DETAILS
A700 6" = 1'-0"

EQUIPMENT ABBREVIATIONS:

- BCS BABY CHANGING STATION
- CH COAT HOOK
- EHD ELECTRIC HAND DRYER
- EWC ELECTRIC WATER COOLER
- FEC RECESSED FIRE EXTINGUISHER CABINET
- FE FIRE EXTINGUISHER
- GB GRAB BAR
- PTD PAPER TOWEL DISPENSER
- SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
- RH ROBE HOOK
- SD SOAP DISPENSER
- SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
- SNR SANITARY NAPKIN RECEPTACLE
- SRC SHOWER ROD AND CURTAIN
- TPD TOILET PAPER DISPENSER
- SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
- WR WASTE RECEPTACLE
- SUPPLIED BY OWNER

TOILET ACCESSORIES RESPONSIBILITY:

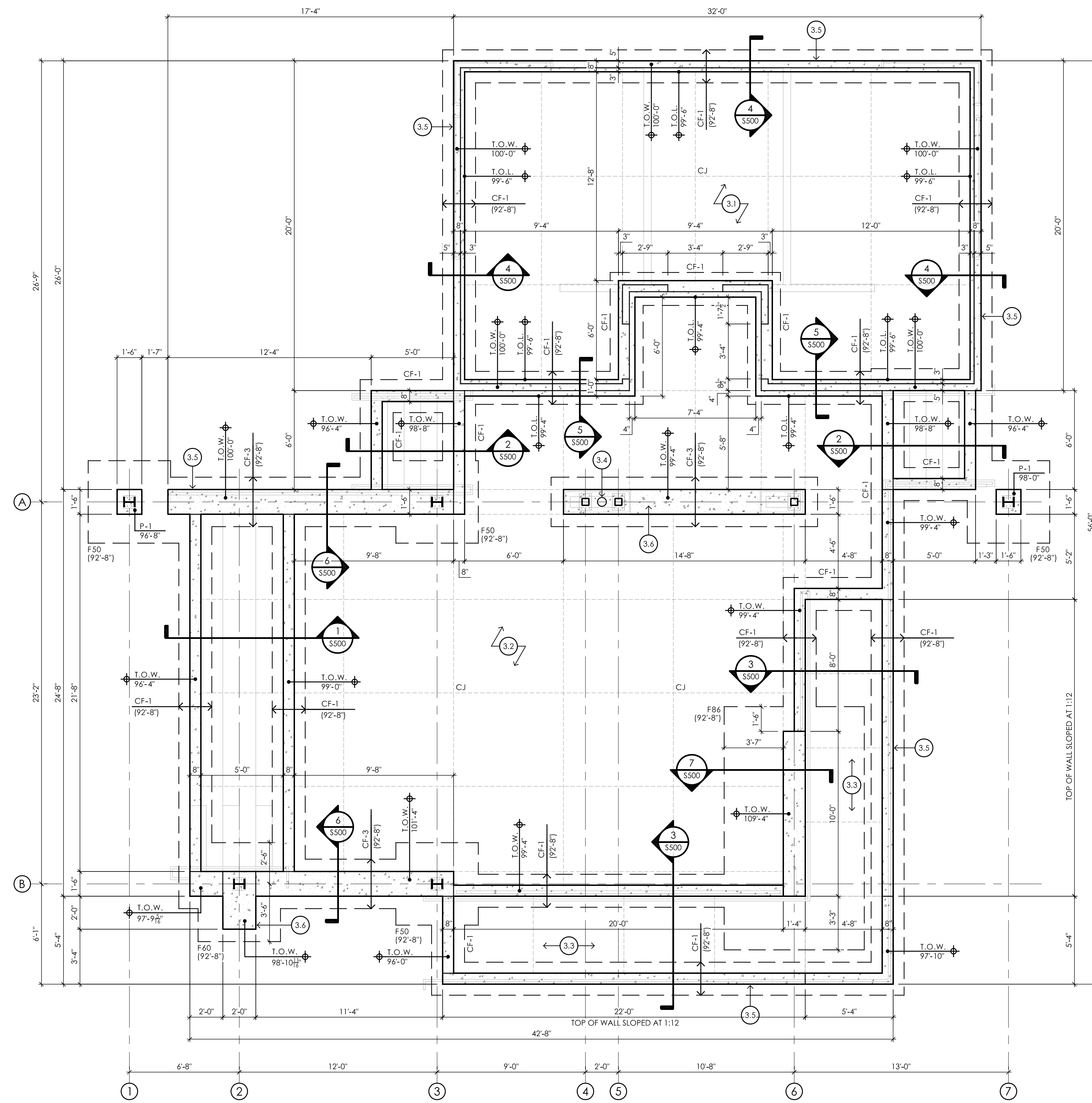
- OWNER SUPPLIED / OWNER INSTALLED:
- WASTE RECEPTACLES

OWNER SUPPLIED / CONTRACTOR INSTALLED:

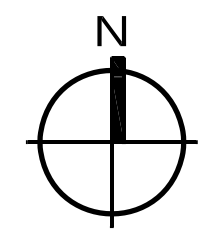
- PAPER TOWEL DISPENSERS
- SOAP DISPENSERS
- TOILET PAPER DISPENSERS
- SHARPS CONTAINERS

CONTRACTOR SUPPLIED / CONTRACTOR INSTALLED:

- GRAB BARS
- MIRRORS
- BABY CHANGING STATIONS
- SANITARY NAPKIN RECEPTACLE UNITS

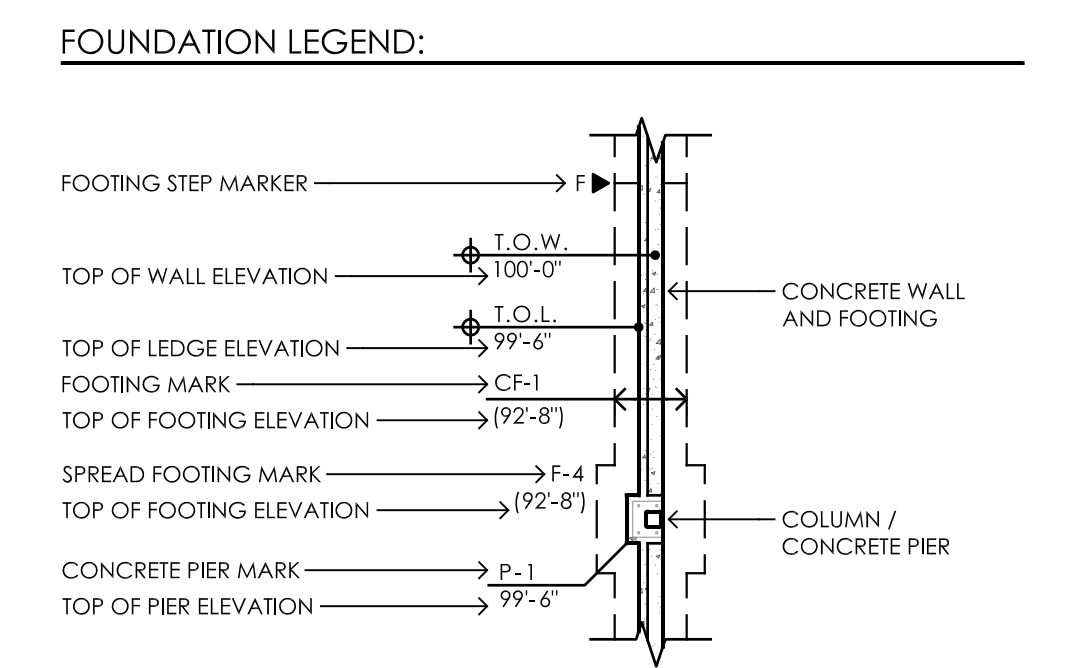


1 FOUNDATION PLAN
 S100 1/4" = 1'-0"



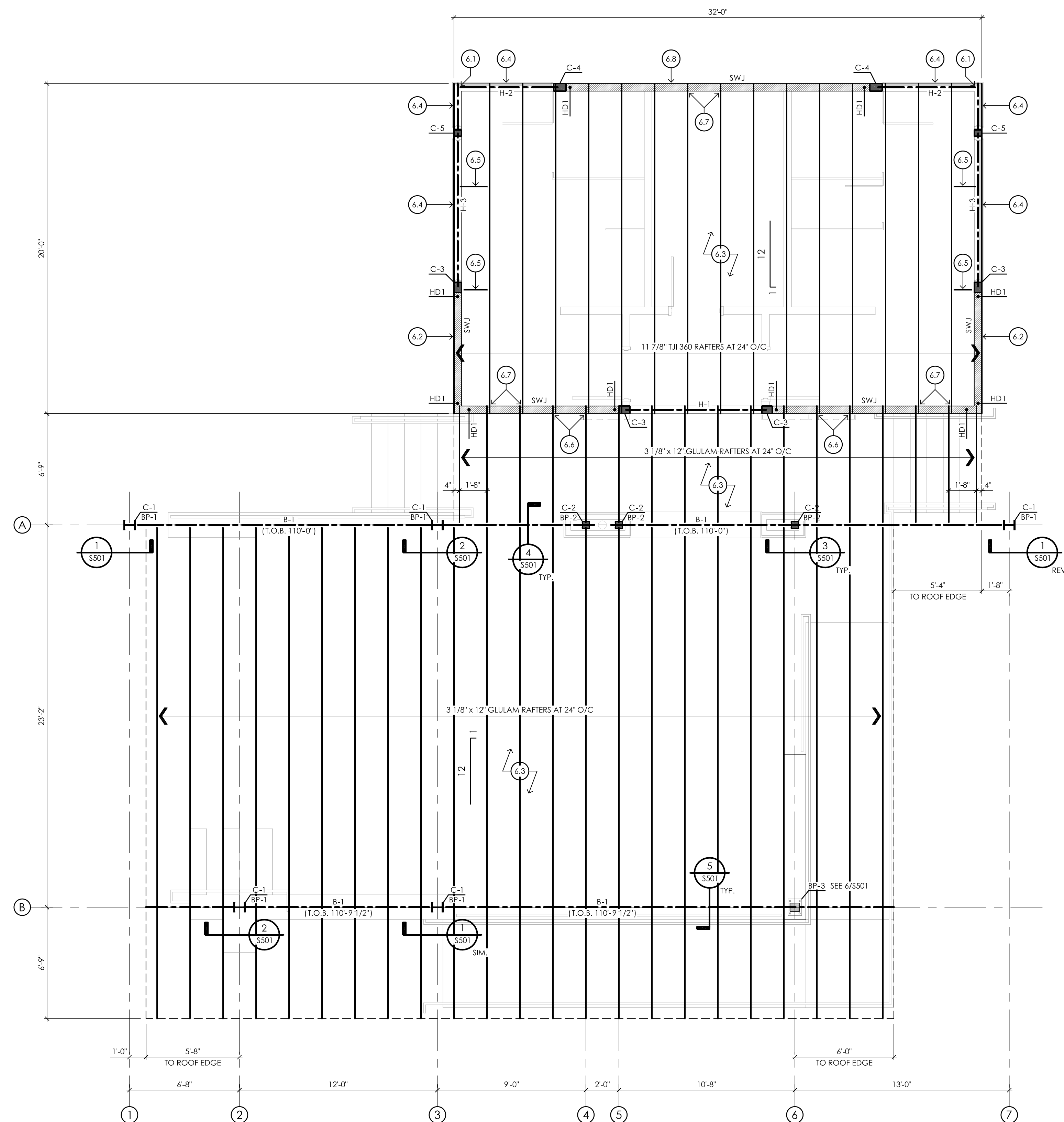
- GENERAL NOTES:**
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL STRUCTURAL SYSTEMS WITH ARCHITECTURAL FINISHES, DETAILS, ETC. CONTRACTOR SHALL COORDINATE MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS TO AVOID CUTTING OR ALTERING STRUCTURAL MEMBERS IN ANY MANNER. DO NOT FIELD CUT ANY STRUCTURAL BEAM, COLUMN, JOIST, ETC. WITHOUT WRITTEN APPROVAL FROM ENGINEER OF RECORD.
 - THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. PROVIDE CONSTRUCTION SHORING AND BRACING AS NECESSARY TO COMPLETE THE INSTALLATION OF ALL STRUCTURAL MEMBERS / FOOTINGS / ETC.
 - NO OPENINGS OR SLEEVES (EXCEPT AS DETAILED) SHALL BE CUT OR PROVIDED IN FOOTINGS, WALLS, OR STRUCTURAL FLOOR CONSTRUCTION WITHOUT APPROVAL.
 - CONTRACTOR SHALL EMPLOY AND PAY FOR SERVICES OF AN INDEPENDENT TESTING AGENCY TO PERFORM SPECIFIED TESTING AS DESCRIBED IN THE CONTRACT DOCUMENTS.
 - ALL CONCRETE TO BE MINIMUM F'c = 4000 PSI EXPOSED WALLS + PIERS, PROVIDE AIR ENTRAINED CONCRETE (6% ± 1.5%).
 - FOOTINGS ARE SHOWN ON THE PLAN AS MINIMUM REQUIRED SIZES. **CONTRACTOR OPTION:** CONTRACTOR MAY OPT TO INCREASE FOOTING SIZE(S) / COMBINE FOOTINGS AS LONG AS THE REINFORCING IS MAINTAINED AS INDICATED, AND IS LOCATED WITHIN THE FUNCTIONAL EXTENTS AS SHOWN ON THE FOUNDATION PLAN. ANY VOLUNTARY MODIFICATIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE CONTRACTOR'S BASE BID PRICE.

- KEYED NOTES:**
- 4" THICK CAST-IN-PLACE CONCRETE SLAB-ON-GRADE REINFORCED WITH WWF 6x6xW2.9xW2.9 AT MID DEPTH, 1.5 MIL VAPOR RETARDER, AND 4" MINIMUM COMPACTED GRANULAR BASE
 - 4" THICK CAST-IN-PLACE CONCRETE SLAB-ON-GRADE REINFORCED WITH WWF 6x6xW2.9xW2.9 AT MID DEPTH, AND 4" MINIMUM COMPACTED GRANULAR BASE
 - 6" THICK CAST-IN-PLACE CONCRETE SLAB-ON-GRADE REINFORCED WITH WWF 6x6xW2.9xW2.9 AT MID DEPTH, AND 6" MINIMUM COMPACTED GRANULAR BASE
 - CAST STORM PIPING INTO CONCRETE WALL DOWN TO BELOW GRADE. COORDINATE WORK WITH PLUMBING CONTRACTOR
 - PROVIDE REVEALS IN WALLS AS INDICATED ON ARCH ELEVATIONS. PROFILE SIZE: 1/2" x 3/4" SYLVAN PRODUCTS # RVL-050-075-075 OR SIM.
 - WALL REINFORCING SIMILAR TO DETAIL 6/S500: #5 BARS AT 16" O/C VERTICAL AROUND PERIMETER OF WALL, #5 BARS AT 16" O/C HORIZONTAL AT EACH FACE WITH #5 U' BARS AT ENDS

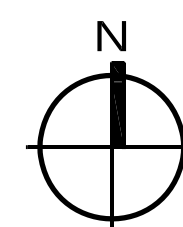


FOOTING SCHEDULE		
FOOTING MARK	FOOTING DIMENSIONS (W x L x H)	FOOTING REINFORCEMENT
CF-1	2'-0" x CONTIN. x 1'-0"	(2) #5 BARS LONGIT. CONTINUOUS
CF-3	3'-0" x CONTIN. x 1'-0"	(3) #5 BARS LONGIT. CONTINUOUS
F50	5'-0" x 5'-0" x 1'-0"	(5) #5 BARS EACH WAY BOTTOM
F60	6'-0" x 5'-0" x 1'-0"	(5) #5 BARS LONGITUDINAL BOTTOM (6) #5 BARS TRANSVERSE BOTTOM
F86	8'-6" x 14'-9" x 1'-6"	(8) #6 BARS LONGITUDINAL BOTTOM (14) #6 BARS TRANSVERSE BOTTOM

CONCRETE PIER SCHEDULE		
PIER MARK	DIMENSIONS (W x L)	REINFORCEMENT
P-1	1'-6" x 1'-6"	(4) #8 BARS VERTICAL AND #3 TIES AT 12" O/C HORIZONTAL W/ 2 ADDITIONAL TIES AT TOP OF PIER - SEE DETAIL 7/S501



1 ROOF FRAMING PLAN
S200
1/4" = 1'-0"



GENERAL NOTES:

- CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL STRUCTURAL SYSTEMS WITH ARCHITECTURAL FINISHES, DETAILS, ETC.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. PROVIDE CONSTRUCTION SHORING AND BRACING AS NECESSARY TO COMPLETE THE INSTALLATION OF ALL STRUCTURAL MEMBERS / FOOTINGS / ETC.
- DIMENSIONS ON FRAMING PLANS ARE TAKEN FROM FACE OF FRAMING / MASONRY, UNLESS NOTED OTHERWISE
- ALL STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED

KEYED NOTES:

- PROVIDE SIMPSON HUCQ210-2-SDS CONCEALED FLANGE FACE-MOUNT HANGER USING SDS SCREWS ON THE INNER-MOST HOLES OF THE CONNECTOR ONLY
- FASTEN GABLE END RAFTER TO 2x6 WALL TOP PLATE BELOW WITH SIMPSON STRONG-DRIVE SDWC 15450 TRUSS SCREWS AT 24" O/C
- 3/4" T&G PLYWOOD ROOF DECKING (TYPICAL) - FASTEN TO RAFTERS WITH 10d COMMON NAILS AT 6" O/C AT EDGES & 12" O/C IN FIELD OF PANEL
- PROVIDE (2) 2x6 ON EDGE AT WINDOW SILL SPANNING ACROSS OPENING
- 11 7/8" TJI BLOCKING AT 6'-3" ± O/C. FASTEN TO RAFTER WITH (1) SIMPSON STRONG-DRIVE SDWC 15450 TRUSS SCREW AT TOP & BOTTOM FLANGE - REFER TO DETAIL 8/5400
- PROVIDE (1) SIMPSON STRONG-DRIVE SDWC 15600 TRUSS SCREW THROUGH TOP OF WALL PLATE TO EACH GLULAM RAFTER, TYPICAL. PROVIDE NOTCH IN GLULAM RAFTERS AS REQUIRED FOR LEVEL BEARING
- PROVIDE (1) SIMPSON STRONG-DRIVE SDWC 15450 TRUSS SCREW AT EACH TJI RAFTER TO DOUBLE WALL PLATE, TYPICAL. AT EAVE END, CUT SEAT FOR LEVEL BEARING & PROVIDE 1 1/4" LSL RIM BOARD BLOCKING BETWEEN RAFTERS
- BEVEL / TILT WALL TOP PLATE TO MATCH SLOPE OF ROOF. PROVIDE CONTINUOUS 1 1/4" LSL RIM BOARD AT RIDGE END OF ROOF. CUT TO SIZE TO ACCOMMODATE RAFTER SLOPE

COLUMN SCHEDULE

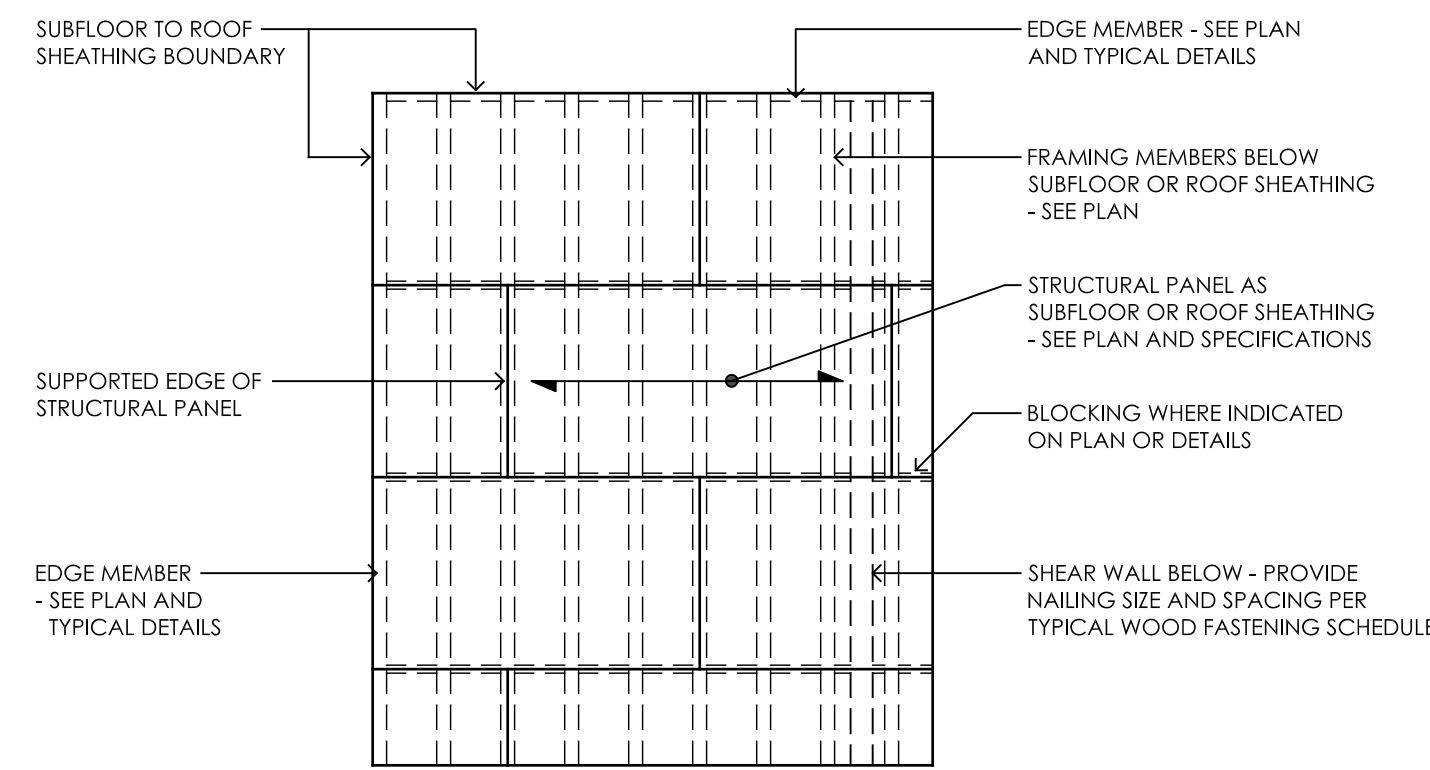
MARK	SIZE
C-1	W8x28 (GALVANIZED, PAINTED FINISH)
C-2	HSS 5x5x1/4" (GALVANIZED)
C-3	(2) 2x6 TRIMMER AND (3) 2x6 FULL HEIGHT KING POSTS
C-4	(2) 2x6 TRIMMER AND (4) 2x6 FULL HEIGHT KING POSTS
C-5	(3) 2x6 TRIMMER POSTS

BASE PLATE SCHEDULE

MARK	SIZE, ANCHORS
BP-1	3/4"x9"x0'-9" PL W/ (4) 3/4" ANCHORS (14" EMBED) - SEE 8/S501
BP-2	3/4"x9"x1'-0" PL W/ (4) 3/4" ANCHORS (14" EMBED) - SEE 9/S501
BP-3	1"x10"x1'-0" PL W/ (4) 3/4" ANCHORS (14" EMBED) - SEE 6/S501

BEAM / HEADER SCHEDULE

MARK	SIZE
B-1	5 1/2" x 16 1/2" GLULAM BEAM
H-1	(2) 1 3/4" x 11 1/4" 2.0E MICROLAM LVL
H-2	(2) 2x12 DF #1/#2
H-3	(3) 2x12 DF #1/#2

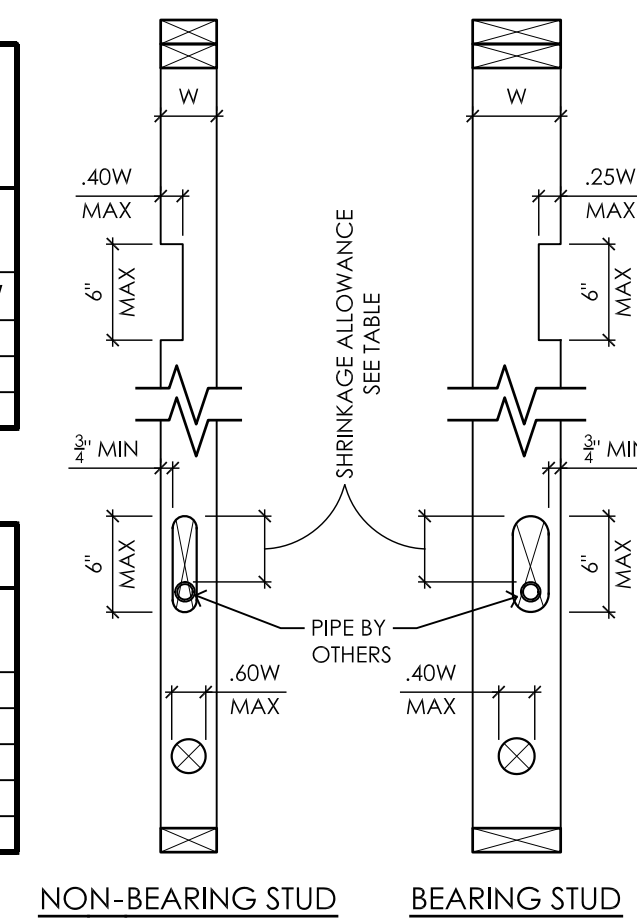


- NOTES:
- FLOOR AND ROOF SHEATHING SHALL BE PLACED IN STAGGERED LAY-UP PATTERN ORIENTED AS SHOWN
 - PROVIDE NAILING AT EDGES AND INTERMEDIATE SUPPORTS OF SUBFLOOR AND SHEATHING PANELS AS INDICATED IN THE TYPICAL WOOD FASTENING SCHEDULE

1 TYPICAL WOOD SUBFLOOR AND ROOF SHEATHING PLAN
S400 NO SCALE

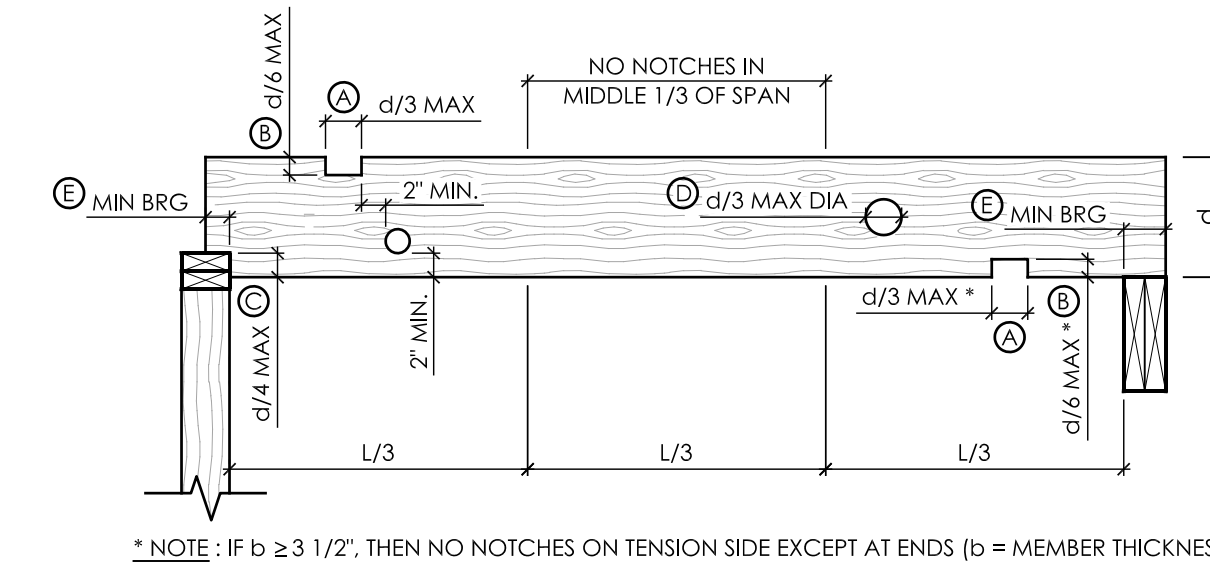
2x WALL STUDS NOTCHED AND BORED HOLD SCHEDULE	
NOMINAL STUD SIZE (ACTUAL)	ALLOWABLE DIMENSIONS
4" (3 1/2")	.25W .40W .60W
6" (5 1/2")	1 3/8" 2 1/4" 3 1/4"
8" (7 1/4")	1 7/8" 2 7/8" 4 3/8"

SHRINKAGE ALLOWANCE	
WOOD STORY	CLEAR DIMENSION ABOVE PIPE
5th	1 1/4"
4th	1"
3rd	3/4"
2nd	1/2"
1st	1/4"



- NOTES:
- NOTCHES ARE NOT PERMITTED IN EXTERIOR WALLS
 - HOLES, NOTCHES AND SLOTS ARE NOT TO BE LOCATED ADJACENT TO UNSOUND OR LOOSE KNOTS
 - INSTALL PLATE PROTECTION OVER ALL ELECTRICAL AND PLASTIC PIPE NOTCHES OR BORINGS
 - HOLES AND NOTCHES SHALL BE ELONGATED AS NEEDED FOR SHRINKAGE ALLOWANCE

2 TYPICAL 2x WALL STUD NOTCH & BORED HOLE SCHEDULE & DETAILS
S400 NO SCALE

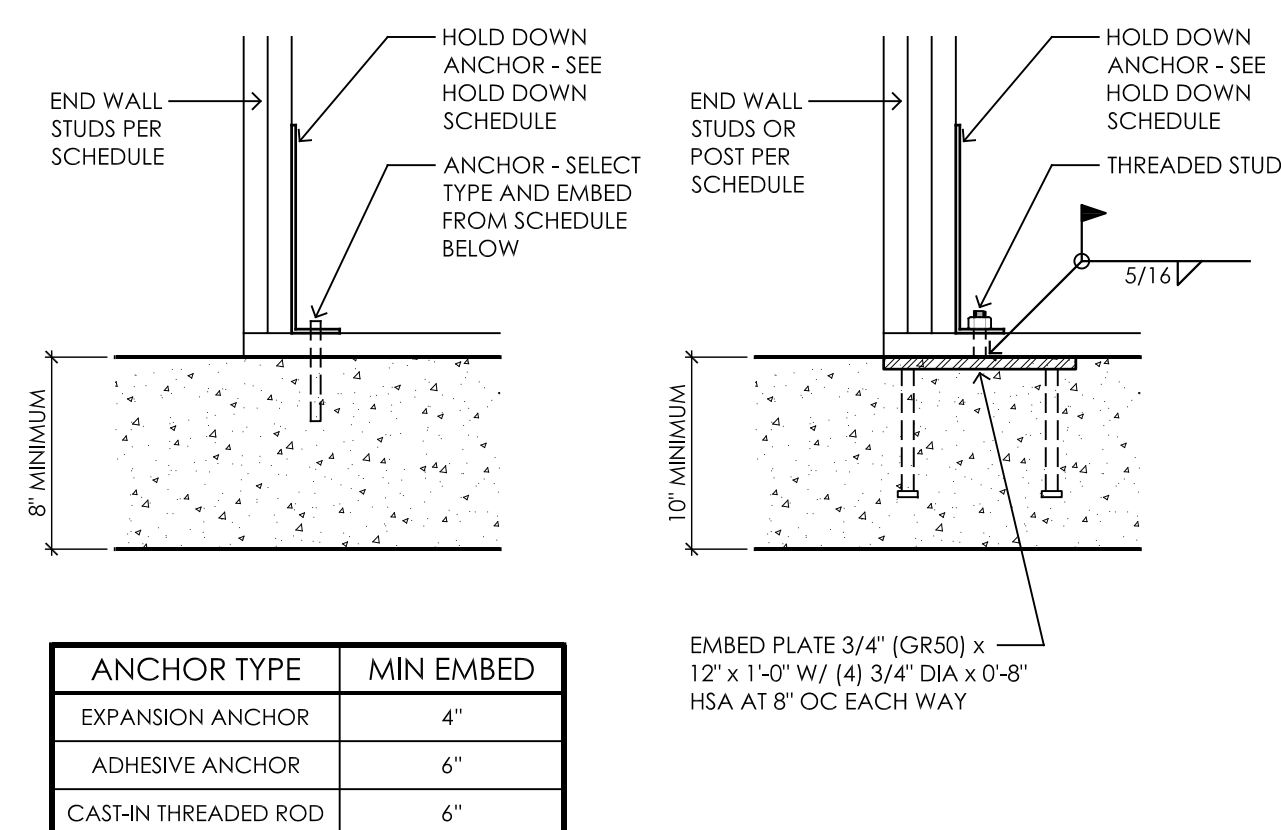


* NOTE: IF $b \geq 3 \frac{1}{2}$ ", THEN NO NOTCHES ON TENSION SIDE EXCEPT AT ENDS (b = MEMBER THICKNESS)

JOIST SIZE	MAX NOTCH LENGTH (A)	MAX NOTCH DEPTH (B)	MAX END NOTCH DEPTH (C)	MAX HOLE DIAMETER (D)	MIN BRG LENGTH (*) (E)
2x6	1 13/16"	7/8"	1 3/8"	1 13/16"	1 1/2" 3"
2x8	2 3/8"	1 3/16"	1 13/16"	2 3/8"	1 1/2" 3"
2x10	3 1/16"	1 1/2"	2 5/16"	3 1/16"	1 1/2" 3"
2x12	3 3/4"	1 7/8"	2 13/16"	3 3/4"	1 1/2" 3"

(*) NOTE: MINIMUM BEARING: 1 1/2" ON WOOD OR STEEL, 3" ON MASONRY

3 TYPICAL 2x WOOD JOIST NOTCH & BORED HOLE SCHEDULE & DETAIL
S400 NO SCALE



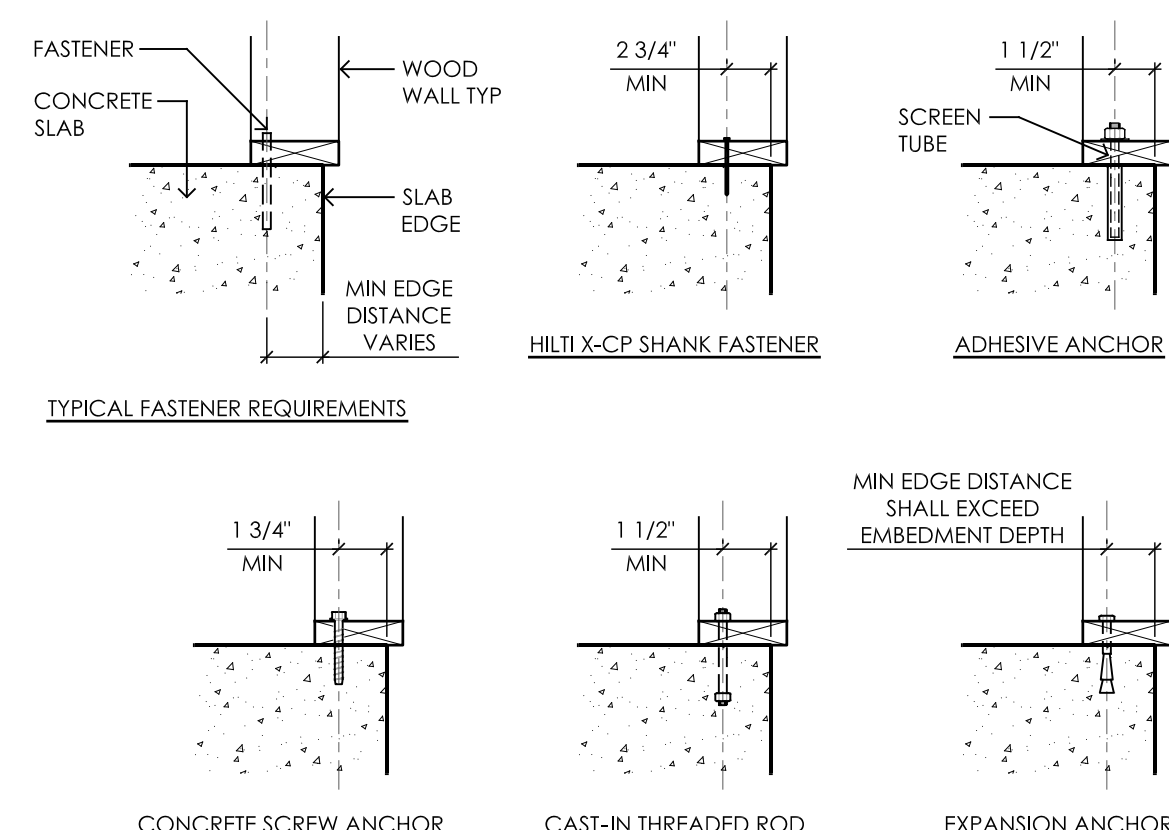
ANCHOR TYPE	MIN EMBED
EXPANSION ANCHOR	4"
ADHESIVE ANCHOR	6"
CAST-IN THREADED ROD	6"

SLAB INTERIOR HOLD DOWN MAY BE USED ONLY WHERE HOLD DOWN FORCE \leq 4.0 KIPS

ALTERNATE SLAB INTERIOR HOLD DOWN MAY BE USED AT ALL HOLD DOWN TYPES

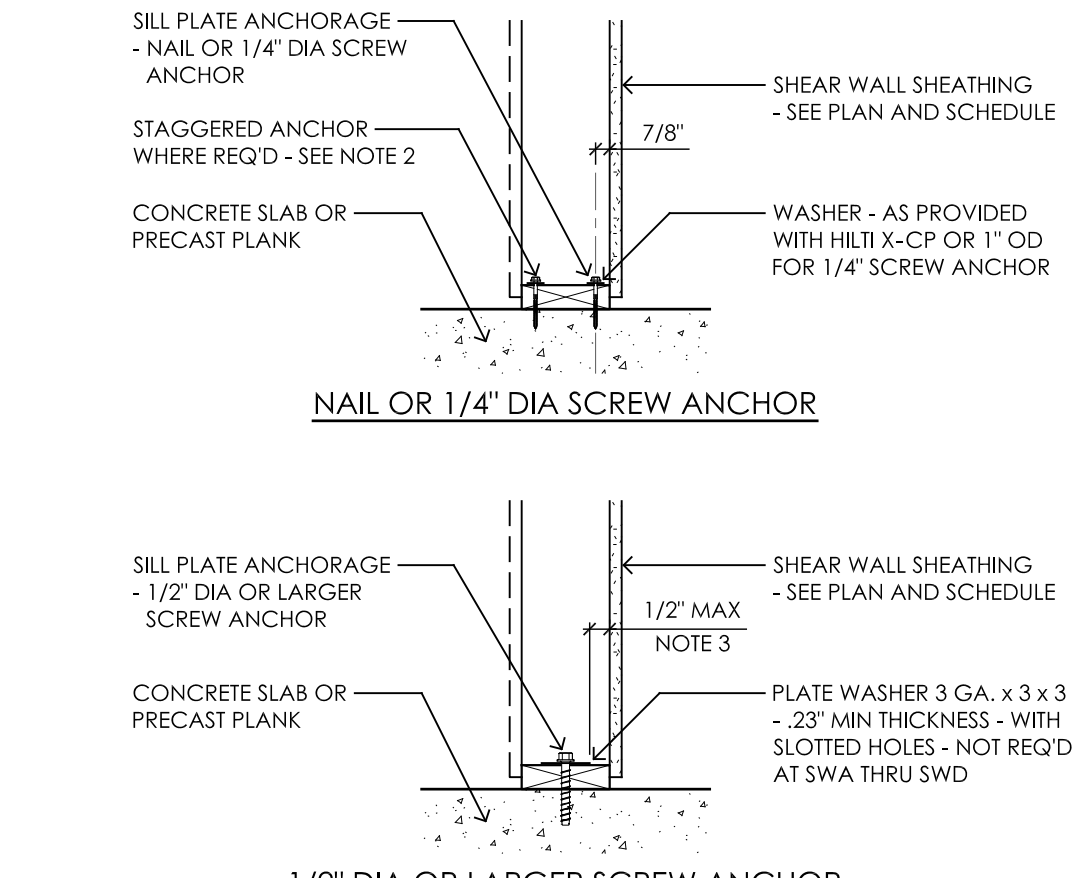
- NOTES:
- SEE THE HOLD DOWN SCHEDULE FOR REQUIRED ANCHOR DIAMETER AND ADDITIONAL INFORMATION

4 TYPICAL HOLD DOWN DETAILS AT INTERIOR CONCRETE SLABS
S400 NO SCALE



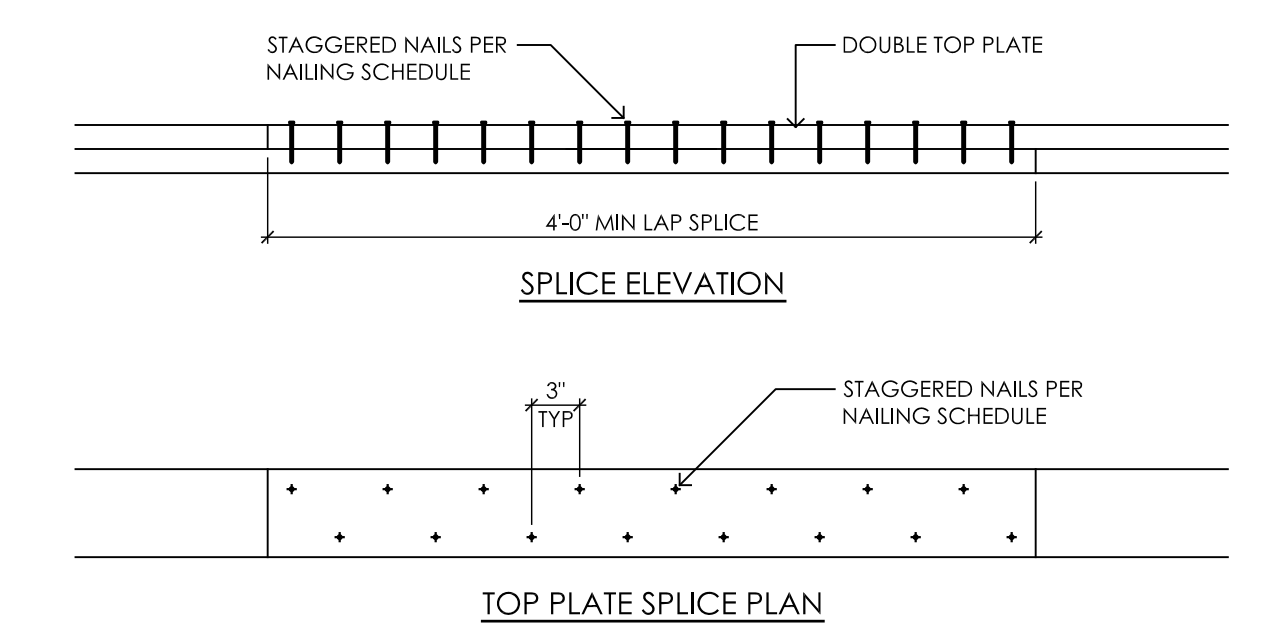
- NOTES:
- PROVIDE 4" MINIMUM EDGE DISTANCE TO FASTENER AT SLAB EDGE PERPENDICULAR TO WALL
 - SEE WOOD SHEAR WALL BASE CONNECTION SCHEDULE FOR ANCHOR SIZE, EMBEDMENT AND SPACING REQUIREMENTS
 - DO NOT DAMAGE PT REINFORCING. SELECT FASTENERS WITH EMBEDMENT DEPTHS THAT WILL NOT DAMAGE PT TENDONS. VERIFY TENDON LOCATIONS PRIOR TO INSTALLATION

5 TYPICAL WOOD SHEAR WALL BASE CONNECTIONS AT C.I.P. CONCRETE
S400 NO SCALE

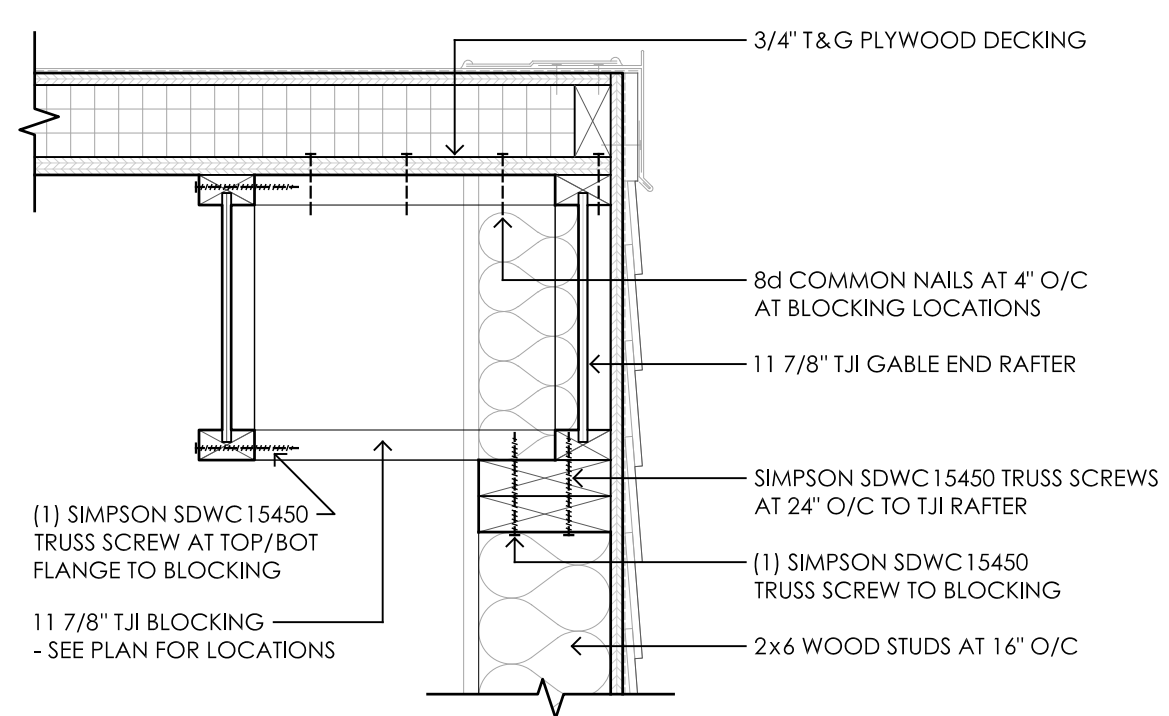


- NOTES:
- INSTALL SILL PLATE ANCHORAGE AS SHOWN AND AT SPACING INDICATED IN WOOD SHEAR WALL BASE CONNECTION SCHEDULE
 - WHERE SHEAR WALL HAS SCHEDULED SHEATHING ON BOTH SIDES OF WALL AND NAILS OR 1/4" DIAMETER SCREW ANCHORS ARE USED, STAGGER ANCHORAGE AT BOTH EDGES OF SILL PLATE
 - STAGGER ANCHORS AT SWE, SWF AND SWH

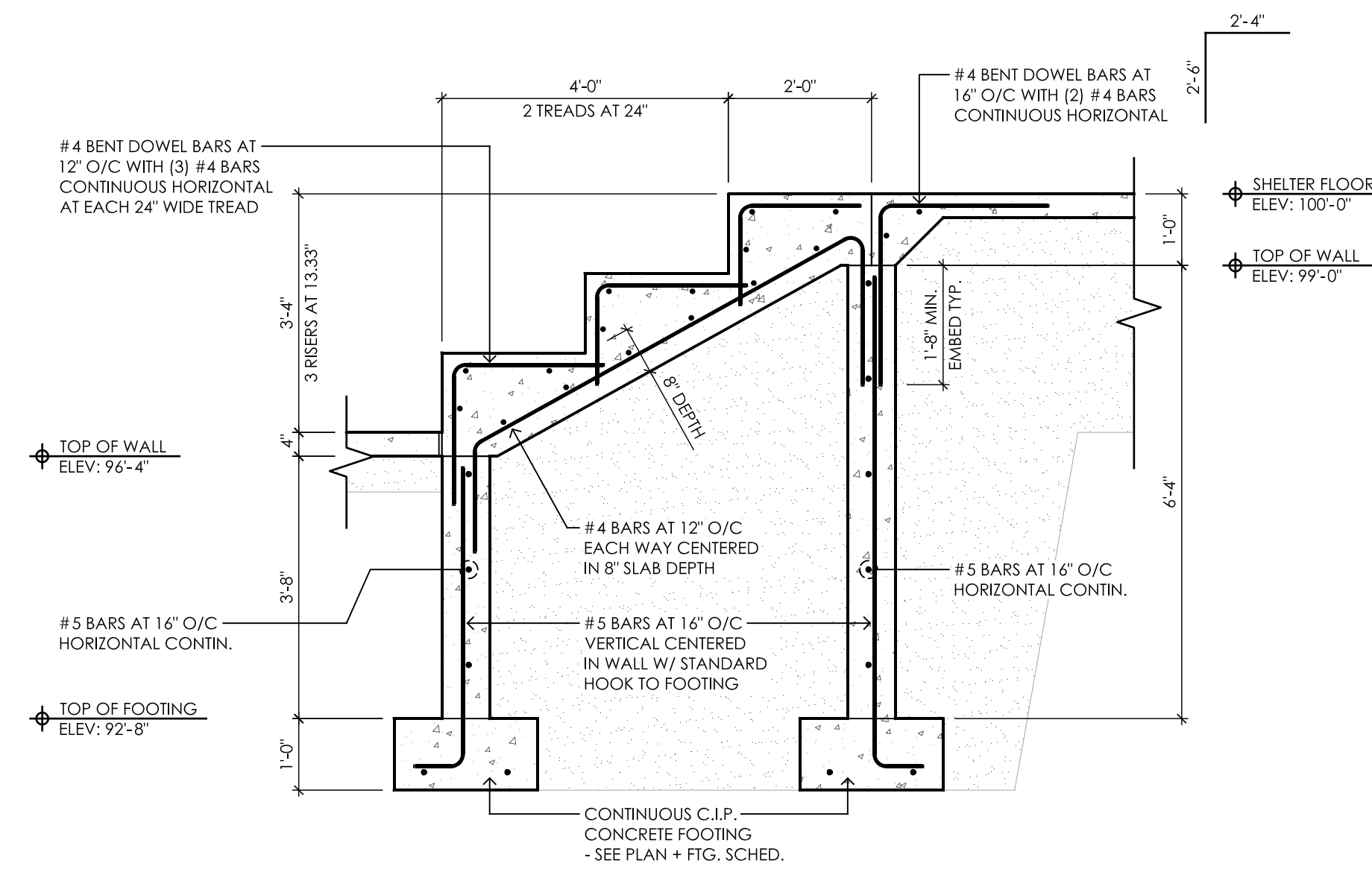
6 TYPICAL WOOD SHEAR WALL SILL PLATE ANCHORAGE DETAIL
S400 NO SCALE



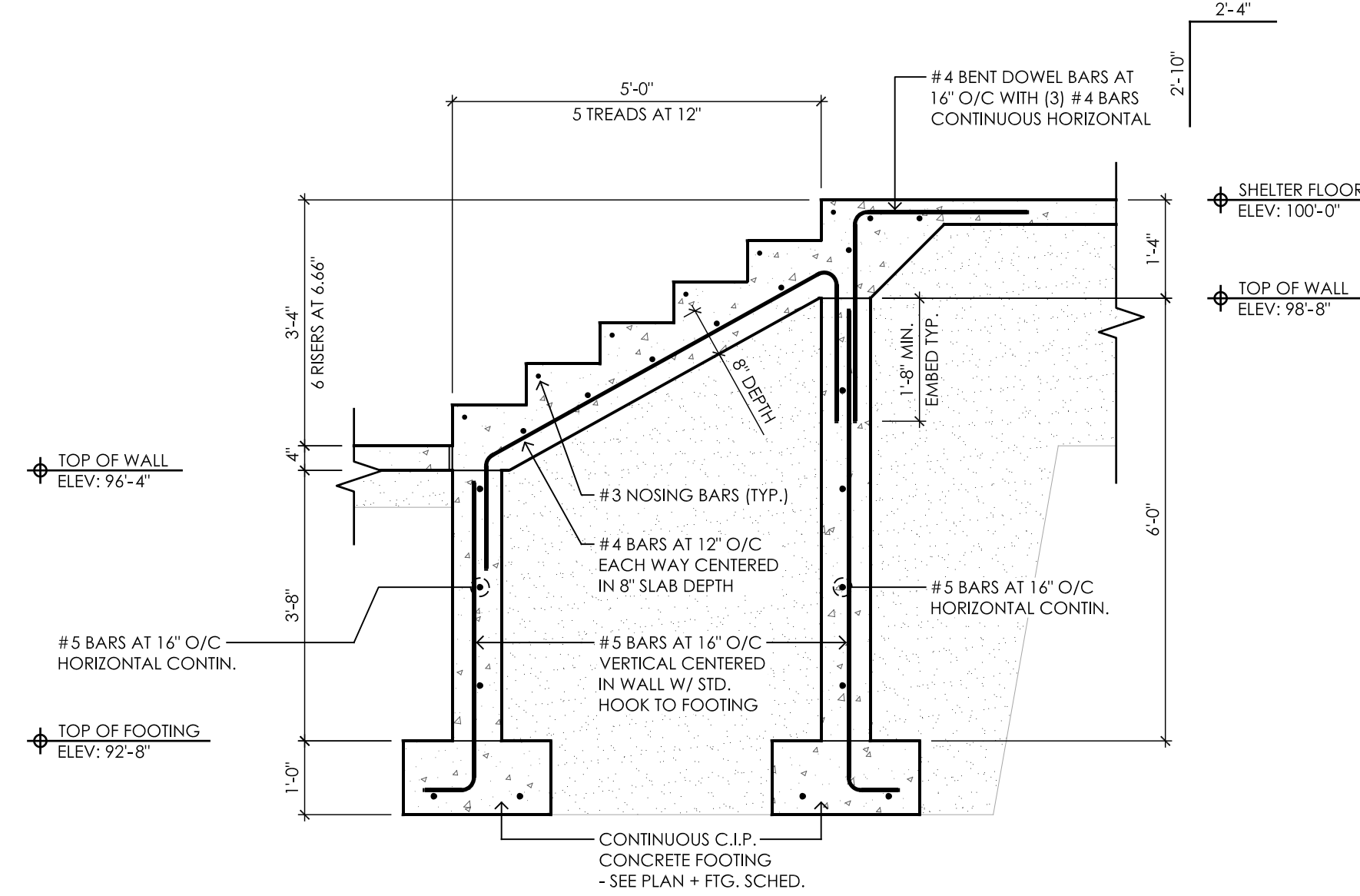
7 TYPICAL WOOD WALL TOP PLATE LAP SPLICE NAILING DETAIL
S400 NO SCALE



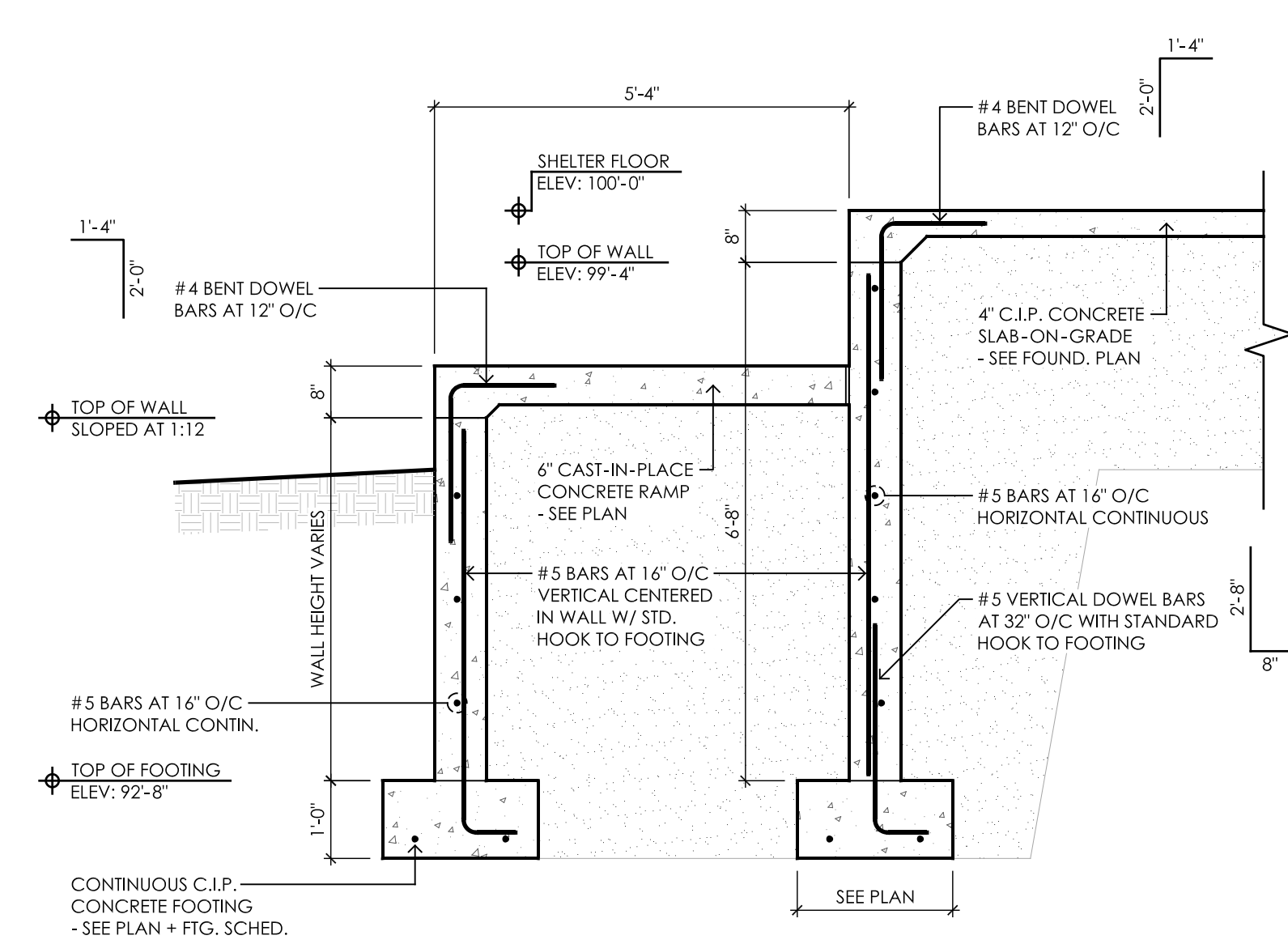
8 RAFTER / BLOCKING CONNECTION
S400 1 1/2" = 1'-0"



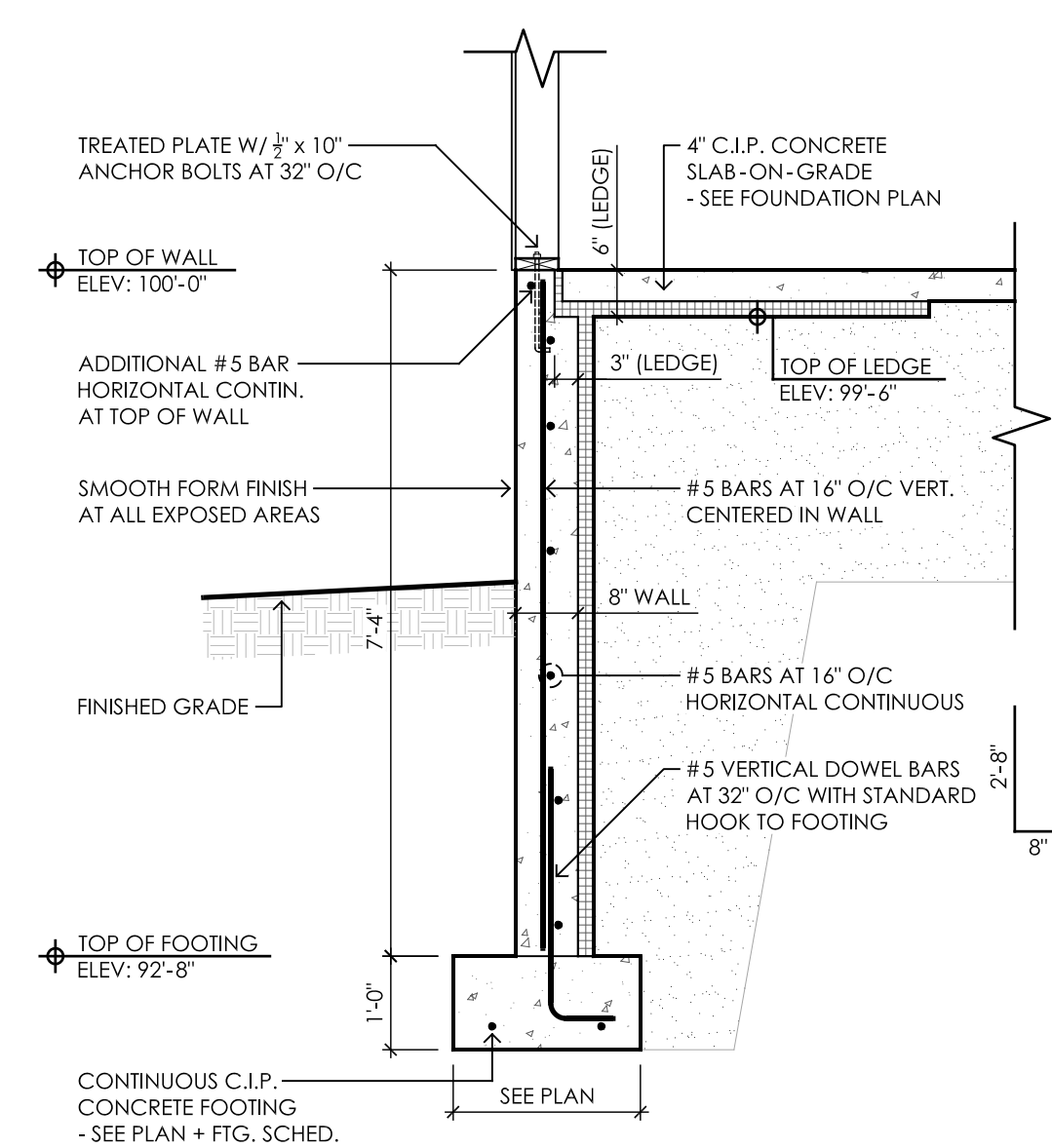
1 STAIR / SEATING SECTION
S500 1/2" = 1'-0"



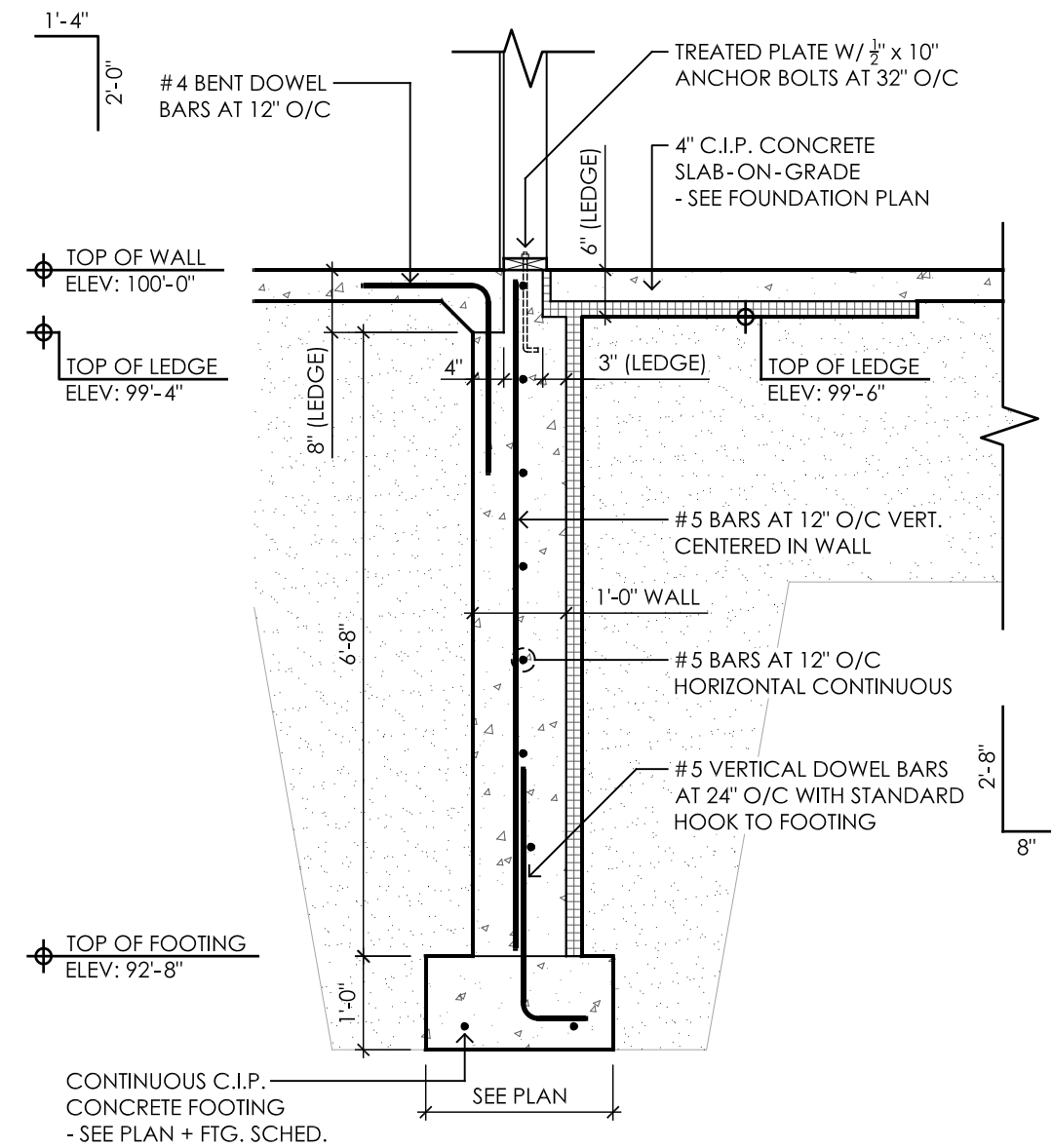
2 CAST-IN-PLACE STAIR SECTION
S500 1/2" = 1'-0"



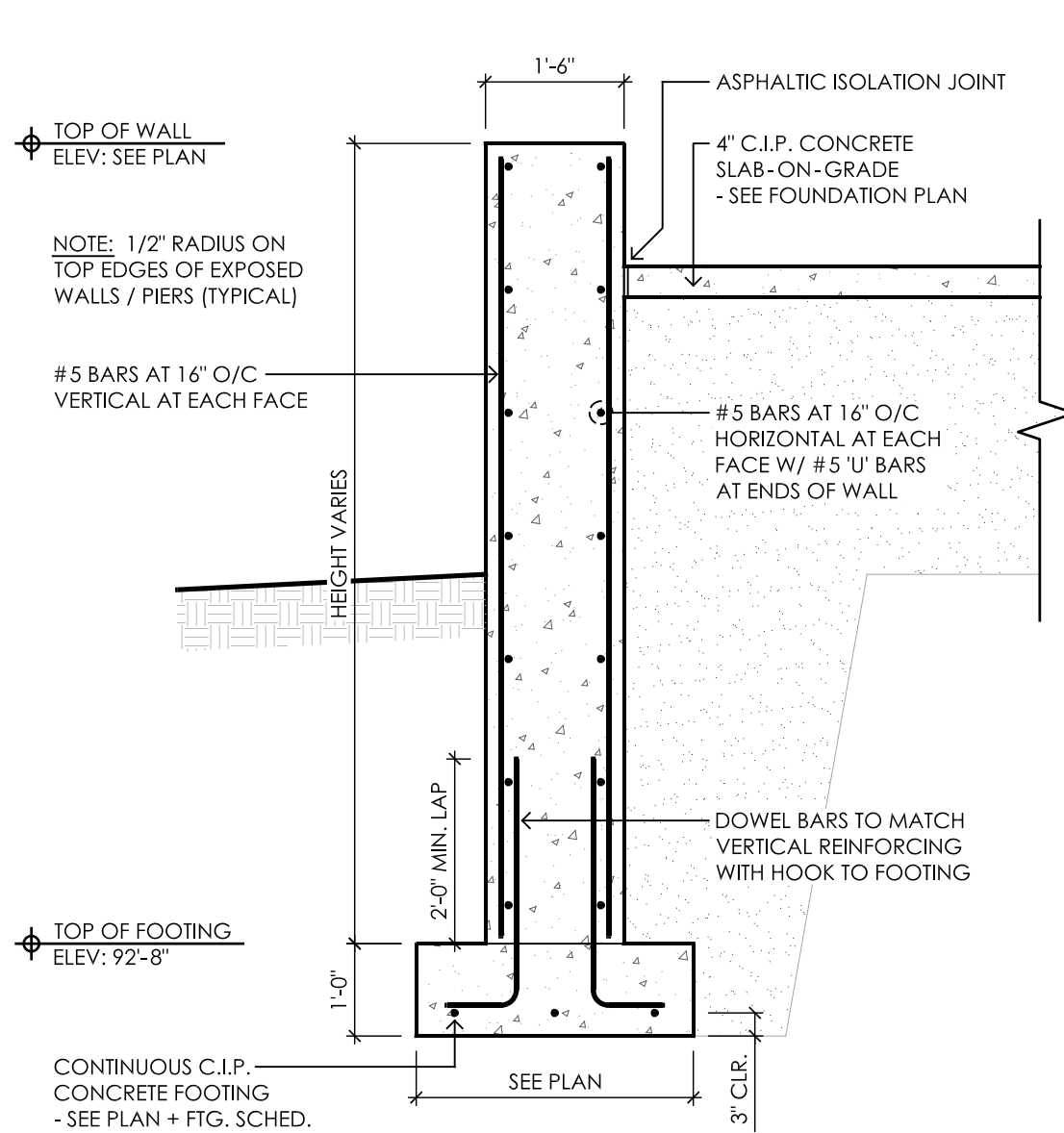
3 RAMP WALL SECTION
S500 1/2" = 1'-0"



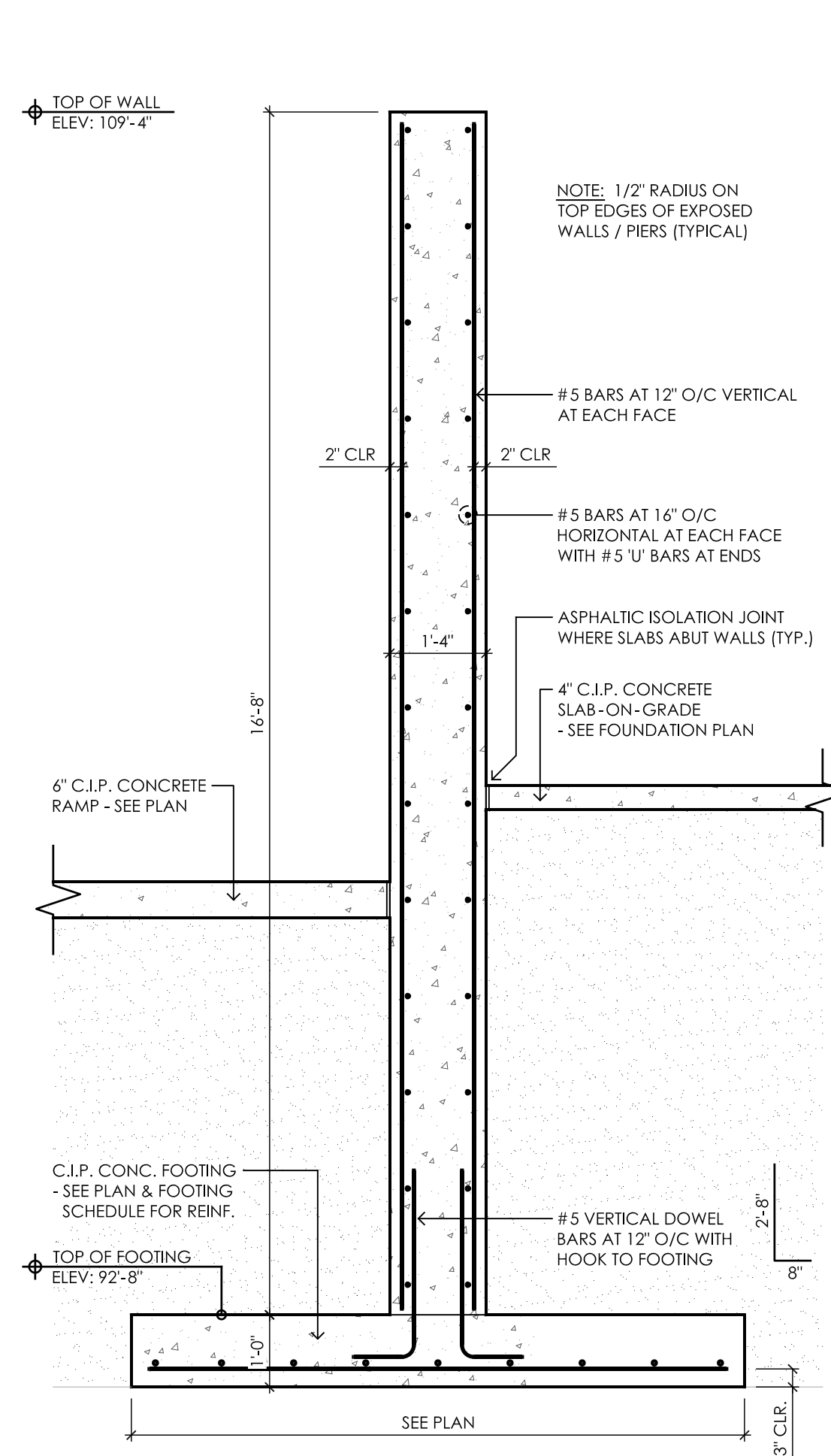
4 FDN WALL SECTION
S500 1/2" = 1'-0"



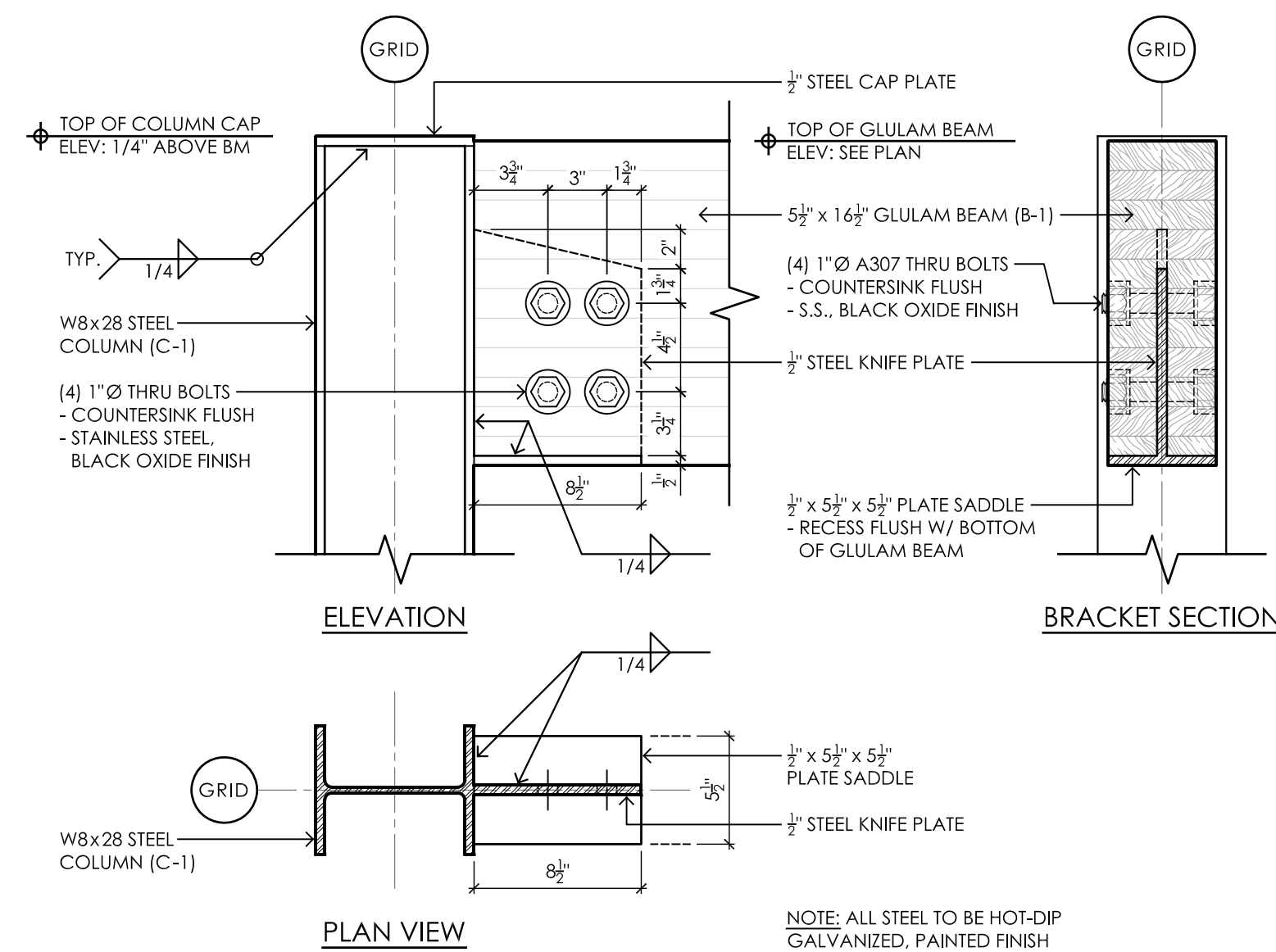
5 FDN WALL SECTION
S500 1/2" = 1'-0"



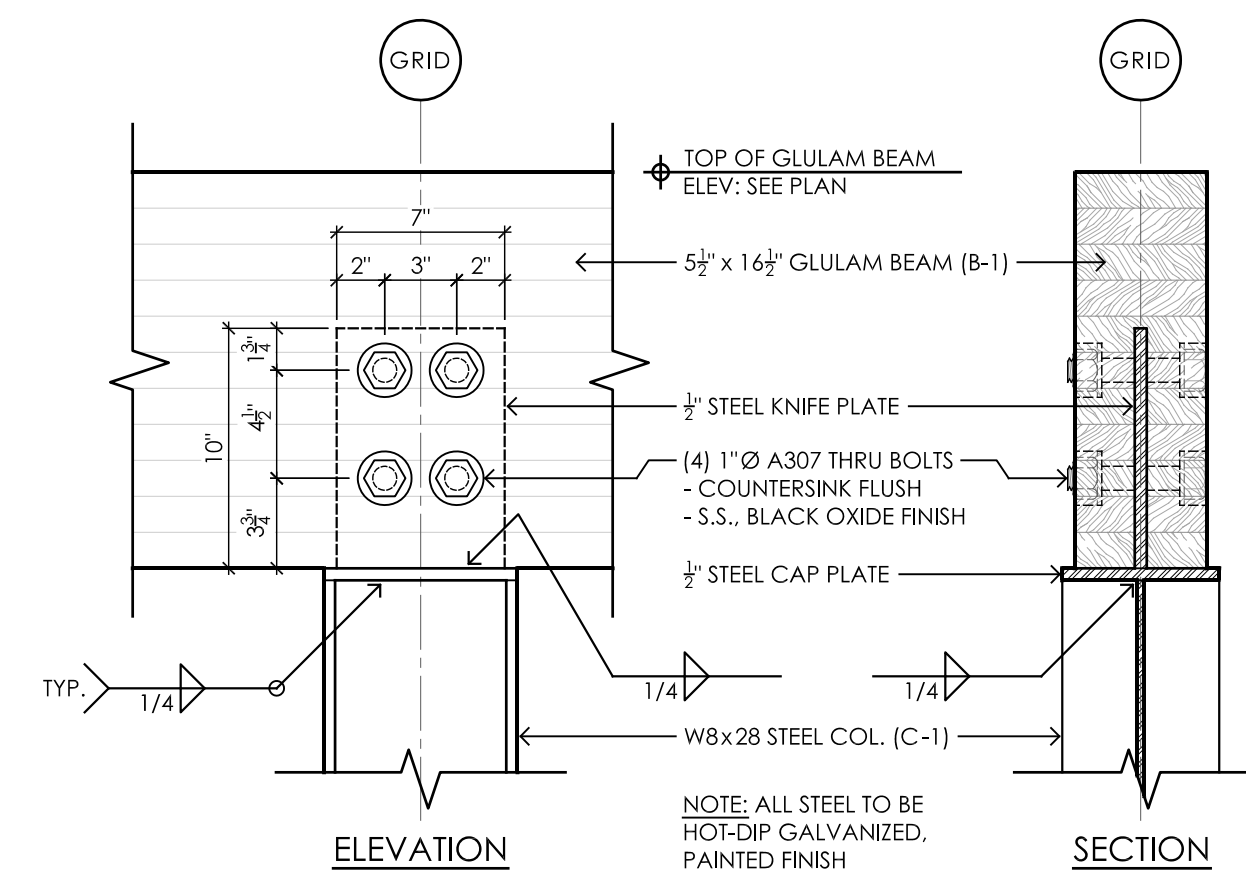
6 CONC. WALL SECTION
S500 1/2" = 1'-0"



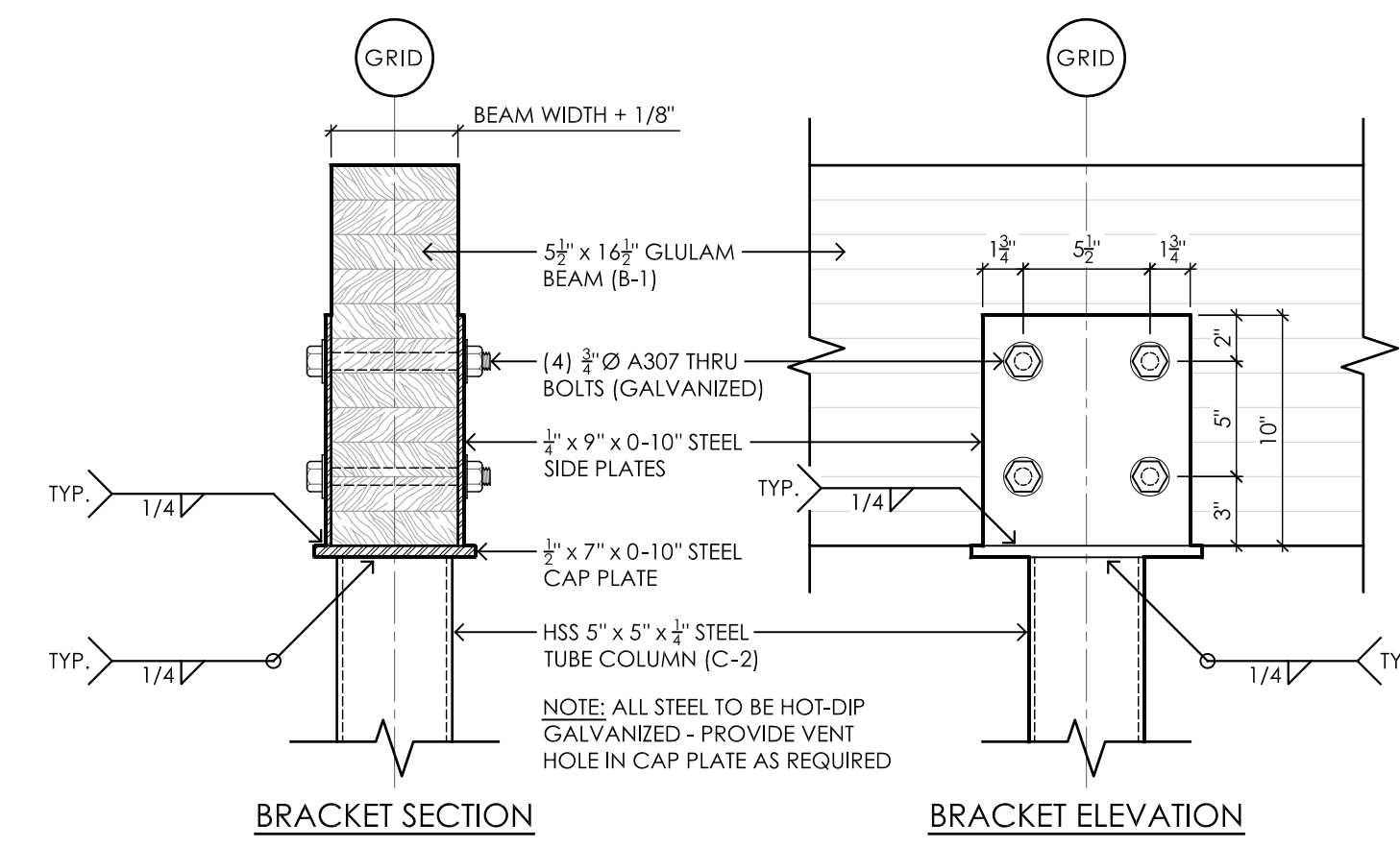
7 CONC. WALL SECTION
S500 1/2" = 1'-0"



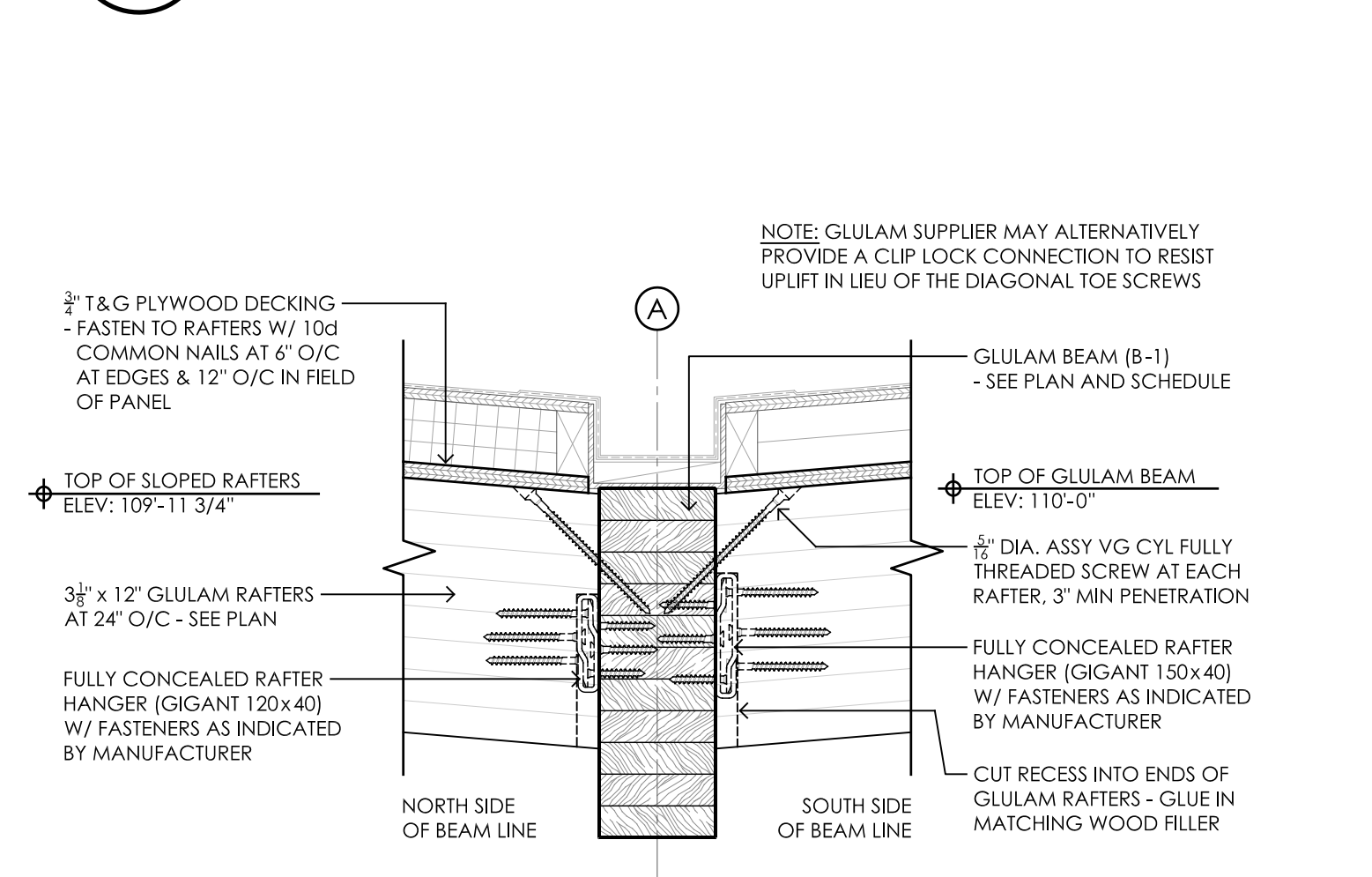
1 COL / BM CONNECTION DETAILS
S501 1 1/2" = 1'-0"



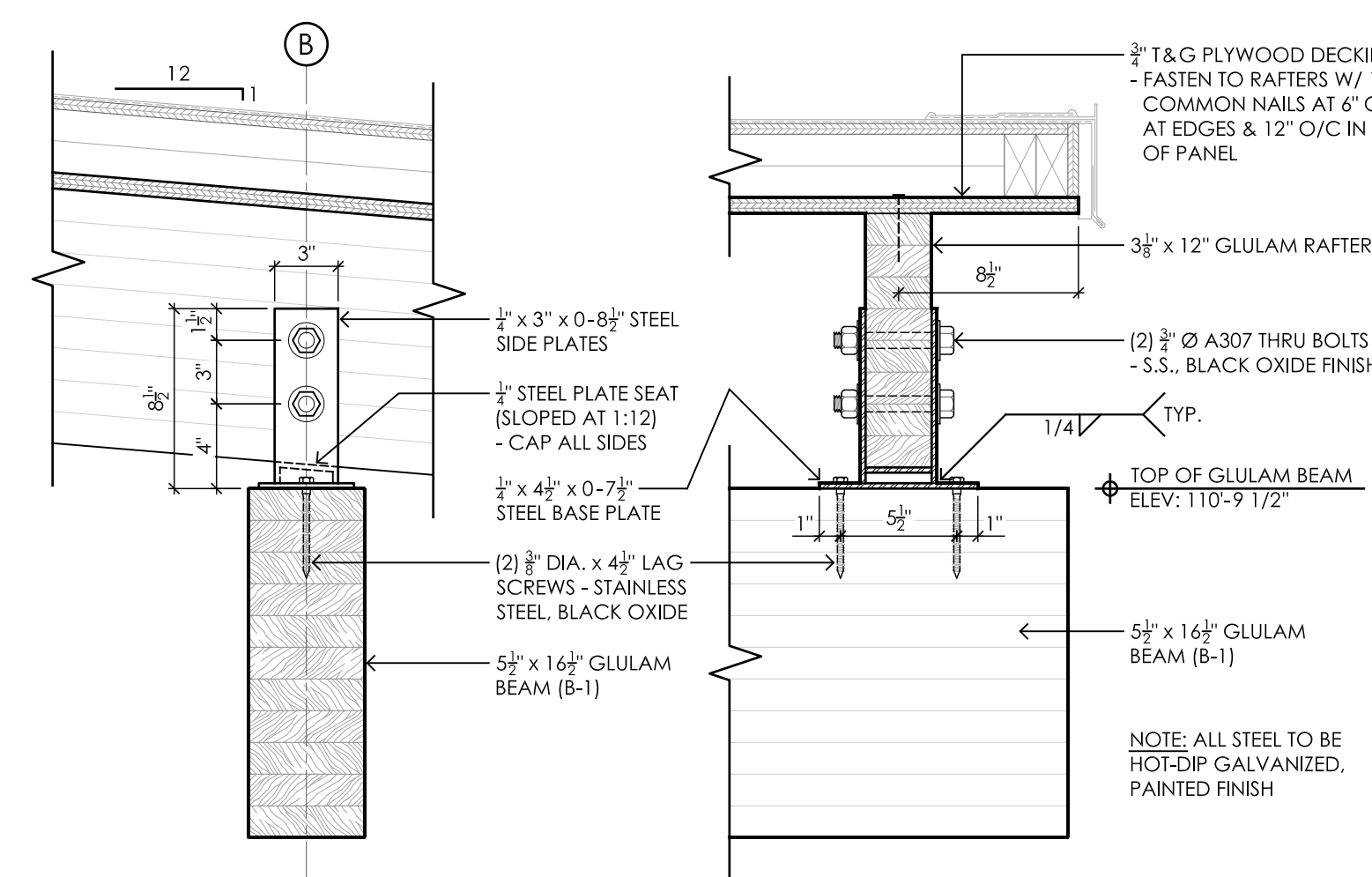
2 COL / BM CONNECTION DETAILS
S501 1 1/2" = 1'-0"



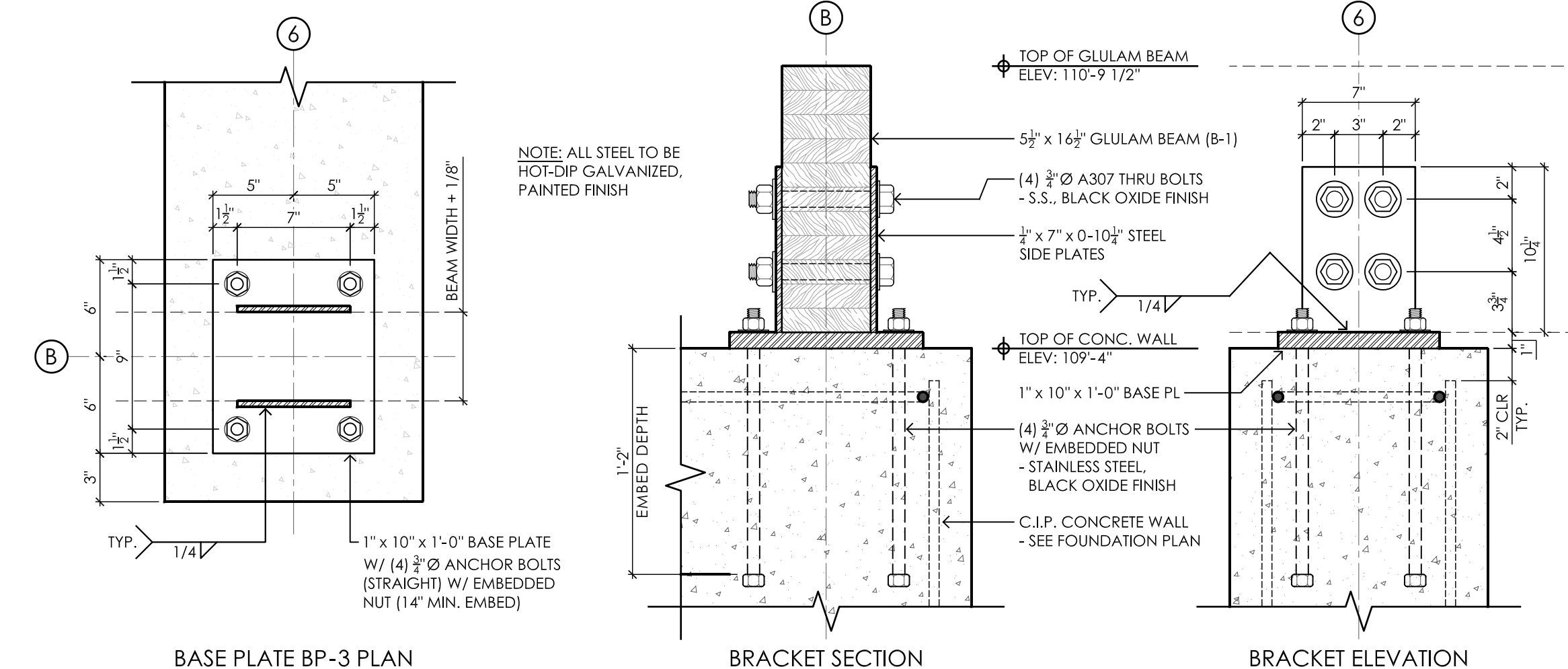
3 BEAM SADDLE AT HSS COLUMN
S501 1 1/2" = 1'-0"



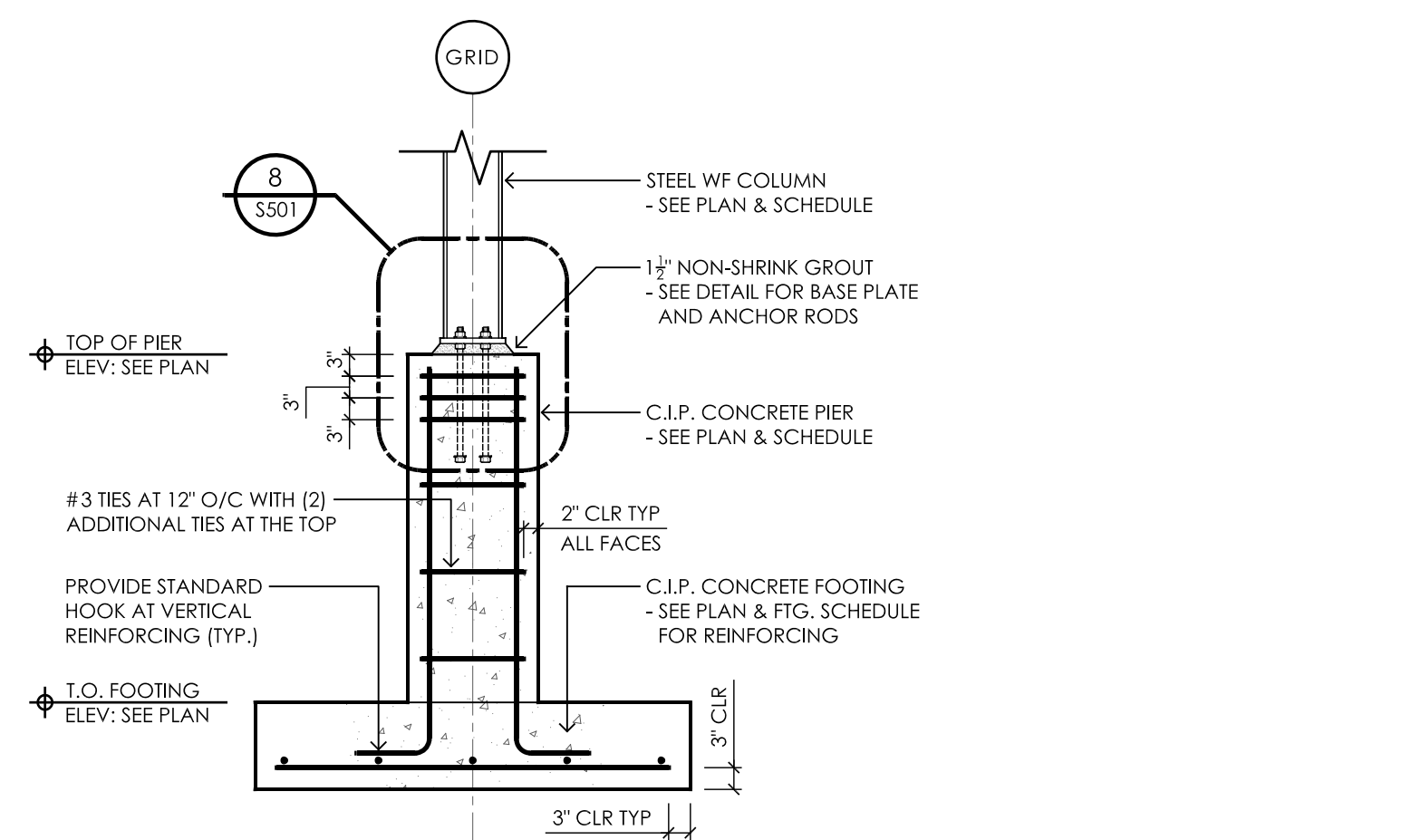
4 RAFTER CONNECTION DETAIL
S501 1 1/2" = 1'-0"



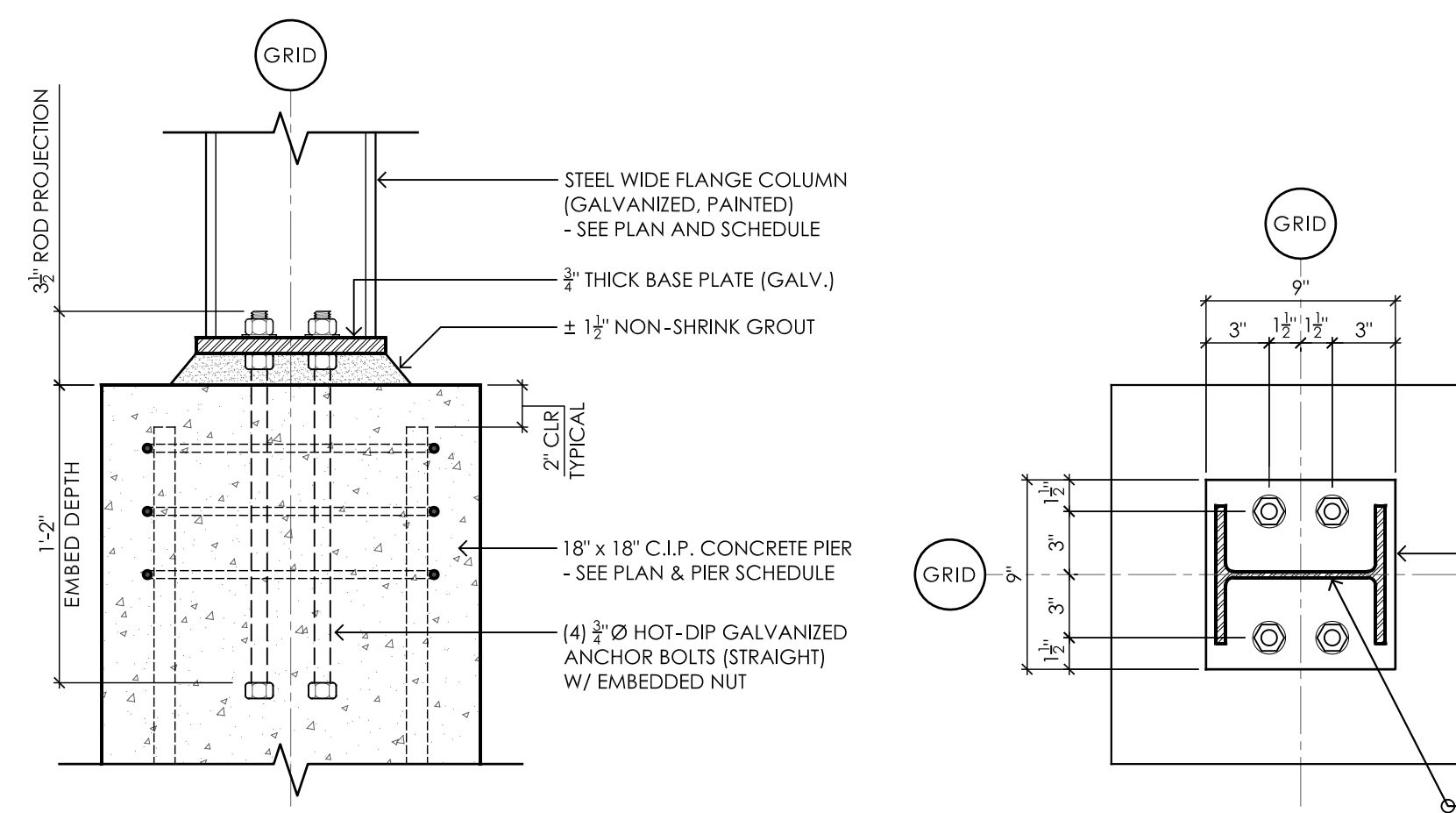
5 GLULAM RAFTER SADDLE DETAILS
S501 1 1/2" = 1'-0"



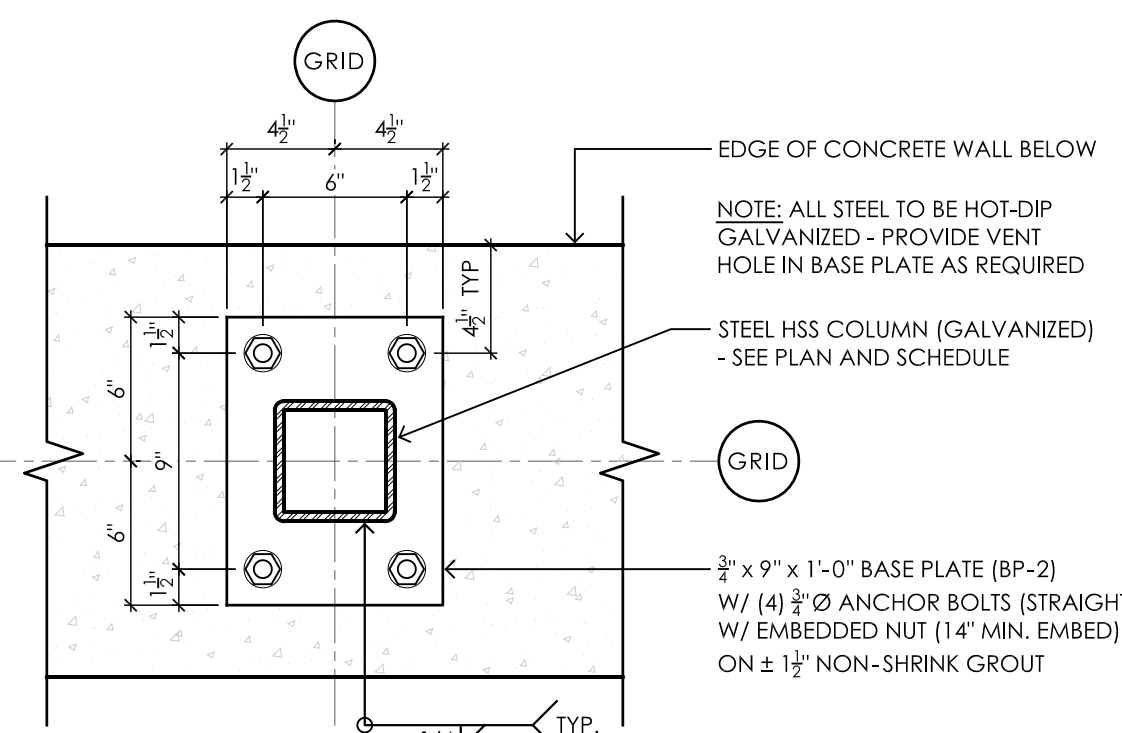
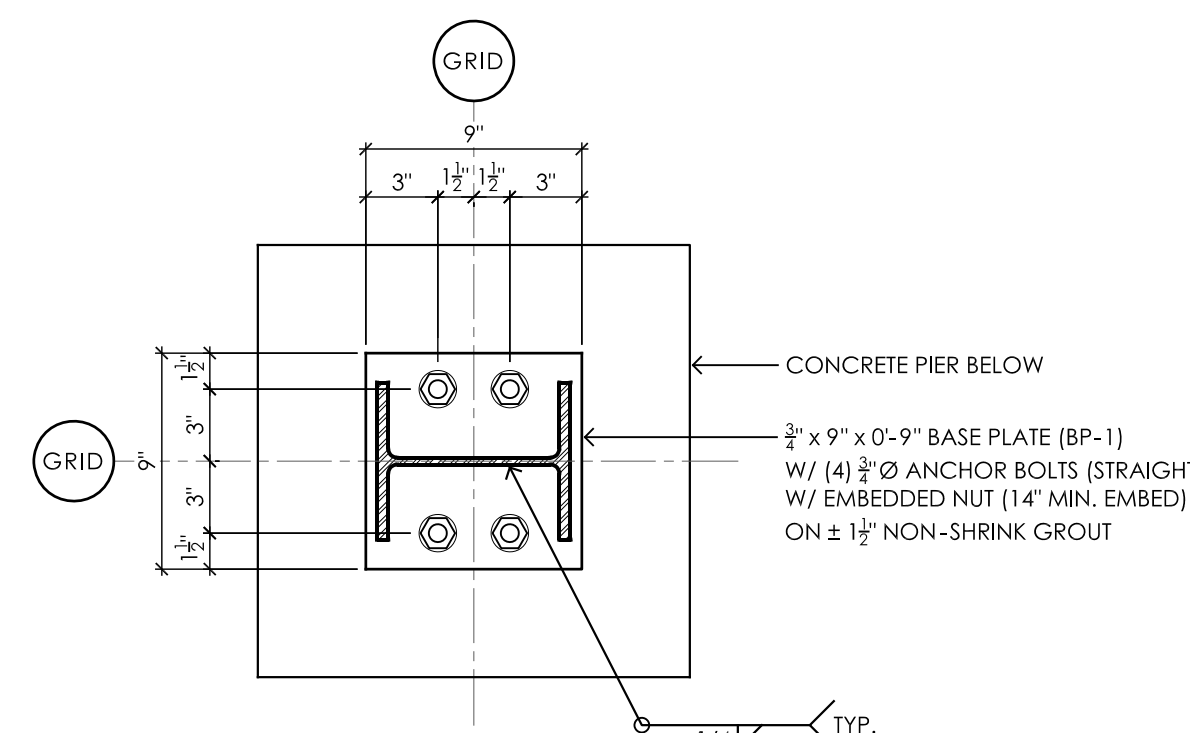
6 BEAM SADDLE AT TOP OF CONCRETE WALL
S501 1 1/2" = 1'-0"



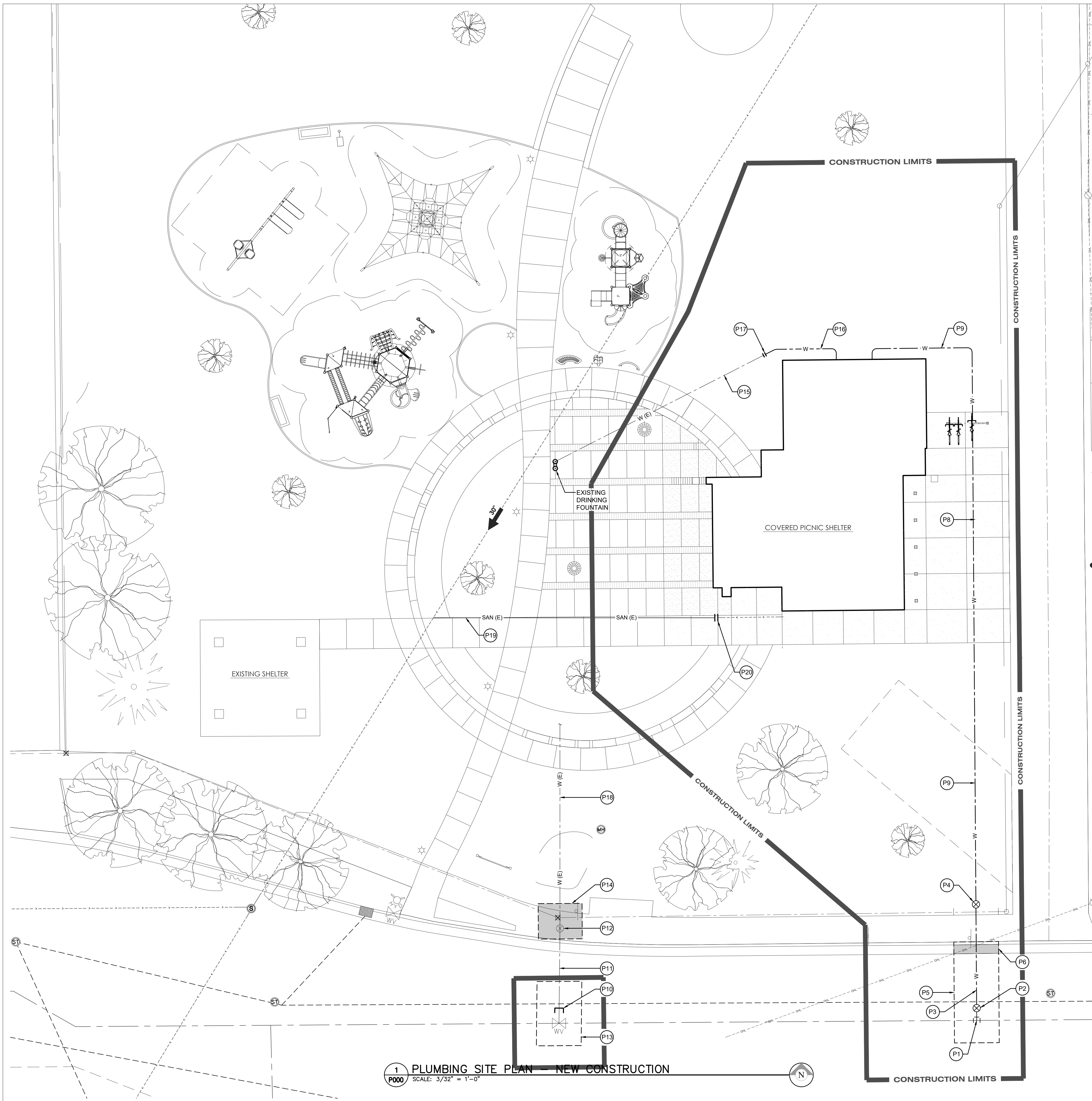
7 CONC. PIER SECTION
S501 1/2" = 1'-0"



8 CONCRETE PIER / BASE PLATE BP-1 DETAILS
S501 1 1/2" = 1'-0"



9 BASE PLATE BP-2 DETAIL
S501 1 1/2" = 1'-0"



1 PLUMBING SITE PLAN - NEW CONSTRUCTION
 P000 SCALE: 3/32" = 1'-0"

- PLUMBING SITE PLAN "KEYED" NOTES:**
- P1 Make a new 2 inch water service connection to the existing municipal water main per the City of La Crosse requirements.
 - P2 Provide and install new corporation cock at the main connection per City of La Crosse requirements.
 - P3 New 2 inch water service to building. Use material per City of La Crosse direction and regulation. Where options exist, use HDPE IPS.
 - P4 At this approximate location, provide and install a curb stop with valve box per City of La Crosse requirements. Verify preferred location with City of La Crosse.
 - P5 The Plumbing Contractor is responsible for all street demolition, excavation, backfill and compaction and replacement of permanent paving. Comply with City of La Crosse requirements and all Standards. Assume that new paving will be concrete unless directed otherwise by the City of La Crosse.
 - P6 The Plumbing Contractor is responsible for all curb, gutter and sidewalk demolition, excavation, backfill and compaction and replacement of permanent paving. Comply with City of La Crosse requirements and all Standards.
 - P7 (Not Used.)
 - P8 New 2 inch water service installed 7'-0" below finished grade. The Plumbing Contractor is responsible for all excavation, backfill and compaction. Backfill with machine assist at 8 inch lifts using excavated materials. Do not backfill with rock or debris. The General Contractor restore the site and provide all new site paving.
 - P9 New 2 inch water service installed 7'-0" below finished grade. The Plumbing Contractor is responsible for all excavation, backfill and compaction. Backfill with machine assist at 8 inch lifts using excavated materials. Do not backfill with rock or debris. Over-fill by 2 inches and grade smooth. The General Contractor will seed or sod this area.
 - P10 Cap the existing water service directly at the municipal main per City of La Crosse direction.
 - P11 Abandon this water lateral if allowed by the City of La Crosse, or remove if directed by the City.
 - P12 Remove the existing curb stop, valve box and related accessories.
 - P13 The Plumbing Contractor is responsible for all street demolition, excavation, backfill and compaction and replacement of permanent paving as necessary to cap the abandoned water service. Comply with City of La Crosse requirements and all Standards. Assume that new paving will be concrete unless directed otherwise by the City of La Crosse.
 - P14 The Plumbing Contractor is responsible for all curb, gutter and sidewalk demolition, excavation, backfill and compaction and replacement of permanent paving. Comply with City of La Crosse requirements and all Standards.
 - P15 An existing 3/4 inch HDPE water supply is located at this approximate location to serve the existing drinking fountain. Salvage all piping as best possible.
 - P16 Extend a new 3/4 inch HDPE, NSF-approved, water supply line from the new building. Ensure there is an isolation valve and an air-access valve on this water supply.
 - P17 Splice the existing and new water supply lines below grade with yellow brass insert fitting and stainless steel clamps. Install a treated wood stake at the splice location and cut off the stake 2 inches below finished grade.
 - P18 The existing water supply to the removed building will be abandoned in place.
 - P19 Approximate location of existing sanitary sewer lateral to existing shelter building. Verify exact location and size of existing pipe after site demolition (by others).
 - P20 The intent is to connect to the existing sanitary sewer lateral and re-use such for the new building. Report adverse pipe conditions or inadequate depth to the Engineer.

GENERAL PIPING

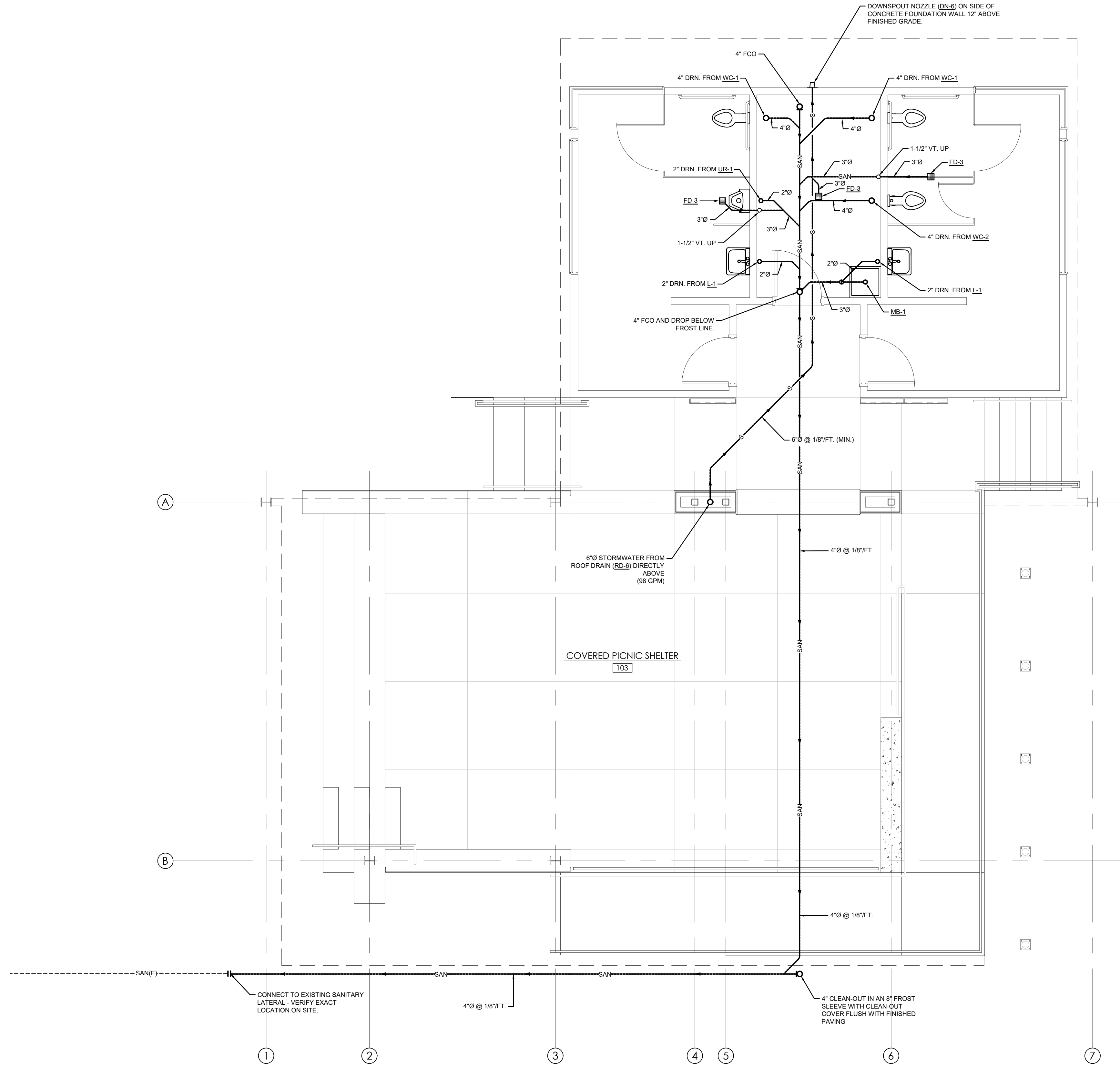
	DIRECTION OF FLOW
	PIPE DESIGNATION
	PIPE PITCH, RISE (R) DROP (D)
	PIPE CONNECTION
	PIPE TURNED UP
	PIPE TURNED DOWN
	OFF TOP OF PIPE
	OFF BOTTOM OF PIPE
	REDUCER (ECCENTRIC)
	PRESSURE GAUGE
	CONNECT TO EXISTING REDUCER (CONC.)
	CAP
	BLIND FLANGE
	FLANGE
	COUPLING
	BUSHING
	UNION
	STRAINER
	INLINE PUMP
	THERMOMETER

PLUMBING

	CITY WATER ON SITE PLAN
	COLD WATER
	HARD COLD WATER
	HOT WATER RETURN
	SOFT COLD WATER
	SOFT HOT WATER
	TEMPERED WATER
	TEMPERED WATER RETURN
	180 DEG. WATER
	ACID WASTE
	ACID VENT
	CLEANOUT, FLOOR (FCO) WALL (WCO)
	FLOOR DRAIN
	HUB DRAIN
	WATER HAMMER SUPPRESSOR
	WALL HYDRANT FREEZE-PROOF (FWH)
	SANITARY BELOW GRADE
	SANITARY ABOVE GRADE
	STORM BELOW GRADE
	STORM ABOVE GRADE
	RAIN CONDUCTOR
	OVERFLOW DRAIN
	VENT
	DRAIN
	VENT THRU ROOF
	COMPRESSED AIR
	NATURAL GAS
	PIPE PITCH
	ROOF DRAIN

VALVES

	BALL VALVE
	GATE VALVE
	GLOBE VALVE
	BUTTERFLY VALVE
	PLUG VALVE
	CHECK VALVE, SWING (S) LIFT (L), BALL (B)
	SQUARE HEAD VALVE, SC (D)
	GENERAL, NON-DESIGNATED
	PRESSURE REDUCING VALVE
	SAFETY (S), RELIEF (R)
	HOSE BIBB DRAIN
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER



1 UNDER FLOOR PLAN – SANITARY AND STORM DRAINAGE
 SCALE: 1/4" = 1'-0"

PROJECT: **BADGER - HICKEY PARK RESTROOMS & SHELTER**
 CITY OF LA CROSSE, WI

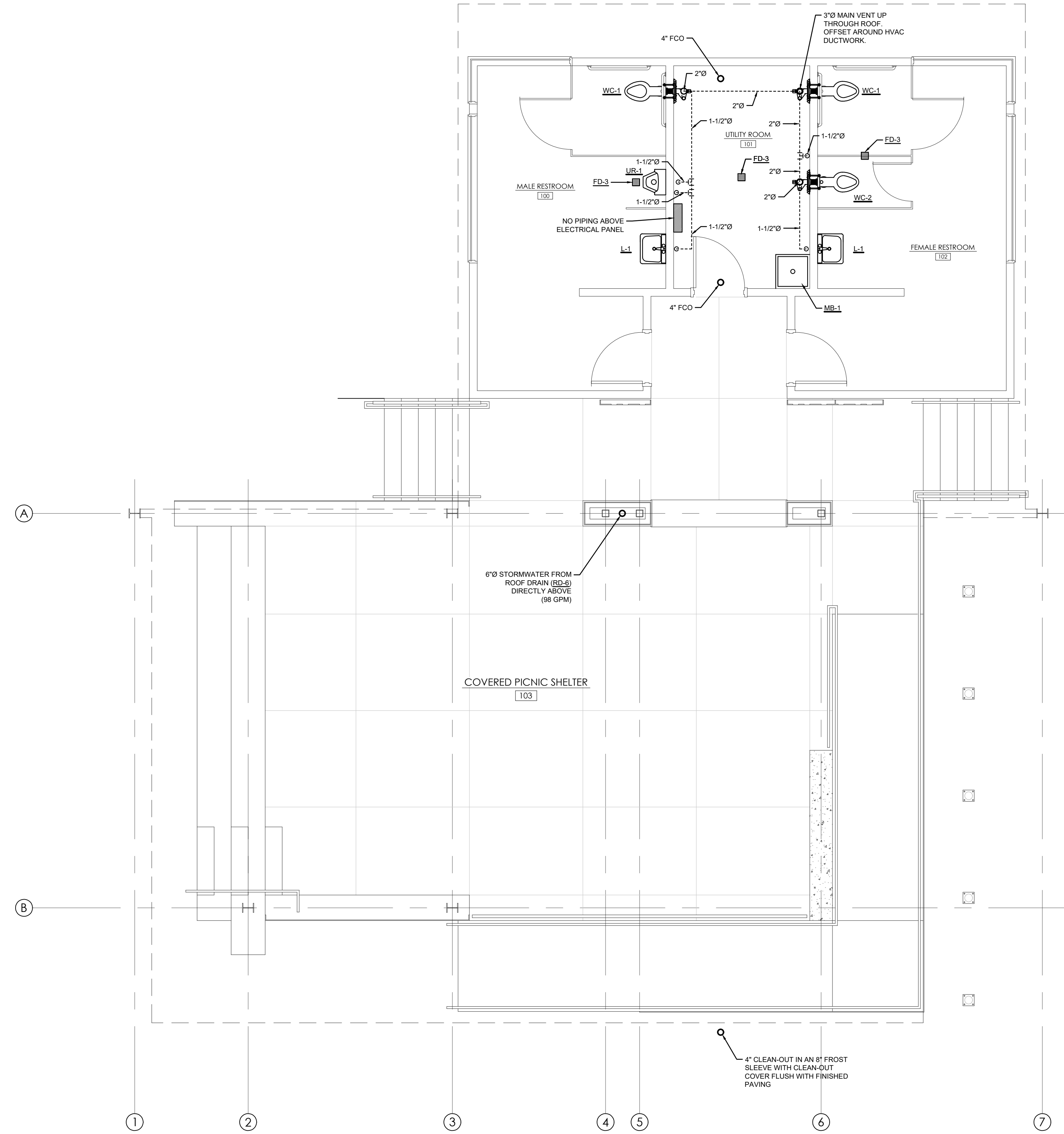
DATE: 08/01/24
 DRAWN BY: GALILEO
 CHECKED BY: GALILEO

PROJECT No: 1576
 DRAWING TITLE: UNDERFLOOR SANITARY AND STORM DRAINAGE PLAN

SHEET No
P100



river ARCHITECTS
 740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217



1
P101 FIRST FLOOR PLAN – SANITARY AND STORM DRAINAGE
SCALE: 1/4" = 1'-0"

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

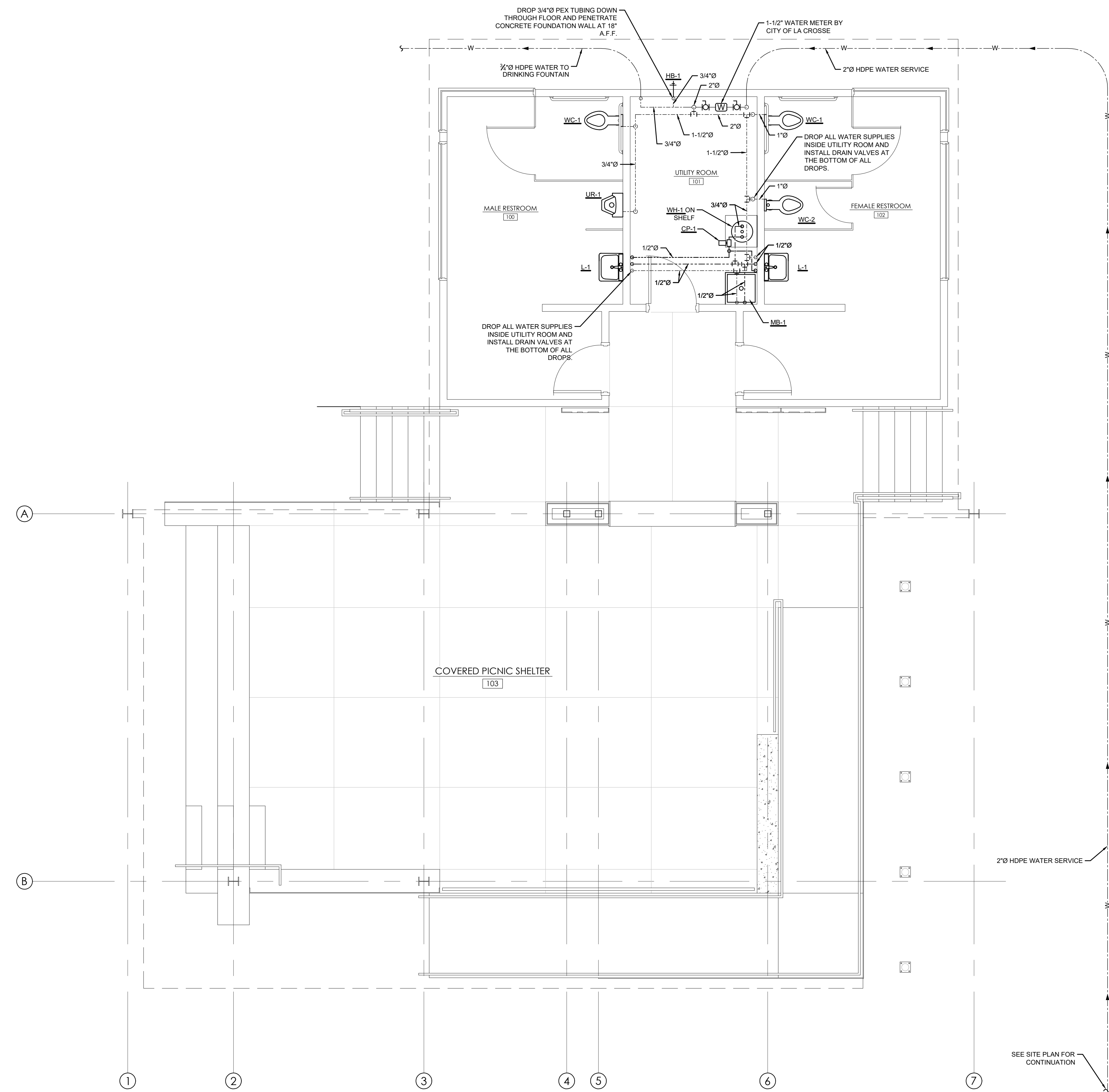
DATE 08/01/24
DRAWN BY GALILEO
CHECKED BY GALILEO

PROJECT No 1576
DRAWING TITLE
FIRST FLOOR SANITARY AND STORM DRAINAGE PLAN

SHEET No
P101



river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217



1 FIRST FLOOR PLAN – DOMESTIC WATER
 SCALE: 1/4" = 1'-0"



WADE		ROOF / DECK / BALCONY DRAINS		SPECIFICATION SHEET	
Meets ASME Standard A112.6.4		TAG			
Project	Engineer	Mechanical			
3942 Downspout Nozzle with No-Hub Inlet					
Regularly Furnished: Stainless steel downspout Nozzle with hinged slotted grate. Dimensions - inches [mm]					

Outlet (Pipe Size)	SS	Dimensions - Inches [mm]						Grate Free Area Sq. In. [Sq. cm]	Wt. Lbs. [kg]
		A	B	C	D	E	F	G	
3" [76]	304	4 1/2 [114]	3 1/4 [83]	3 [76]	2 1/4 [57]	5/16 [8]	3/4 [19]	8 0 [203]	3.8 [2]
4" [102]	304	5 1/2 [140]	4 1/4 [108]	3 [76]	2 3/4 [70]	5/16 [8]	1 [25]	8 0 [203]	8.3 [4]
5" [127]	304	6 1/2 [165]	5 1/4 [133]	3 [76]	3 1/4 [83]	5/16 [8]	1 [25]	13.1 [85]	8.7 [4]
6" [152]	304	7 1/2 [191]	6 1/4 [159]	3 [76]	3 3/4 [95]	5/16 [8]	1 [25]	21.0 [140]	9.0 [4]
8" [203]	304	9 5/8 [244]	7 5/8 [194]	4 [102]	4 7/8 [124]	5/16 [8]	1 1/8 [29]	29.9 [193]	15.0 [7]
10" [254]	304	13 [330]	10 1/4 [260]	5 [127]	6 3/8 [162]	7/16 [11]	1 1/8 [29]	50.6 [326]	21.0 [10]
12" [305]	304	14 [356]	11 1/4 [286]	6 [152]	6 7/8 [175]	7/16 [11]	1 1/8 [29]	64.3 [415]	22.0 [10]
15" [381]	304	18 [457]	14 5/8 [371]	7 [178]	9 [229]	7/16 [11]	1 1/8 [29]	78.5 [506]	23.0 [10]
16" [406]	304	18 [457]	14 5/8 [371]	7 [178]	9 [229]	7/16 [11]	1 1/8 [29]	78.5 [506]	23.0 [10]

Outlet Variations		Suffix Options	
Type	Designation	Suffix	Description
No-Hub	3NH, 4NH, 5NH, 6NH, 8NH, 10NH, 12NH, 15NH, 16NH	21	Less Hinged Grate

WADE Specification Drainage Operation 116 Maple Street • Commerce, TX 75428 Ph: 800-638-9537 wadedrains.com

Drawing Number W3942 Date 1-16-23 C.N. No. Revision 0

3 DOWNSPOUT NOZZLE (DN-6)
PI03 SCALE: NONE

WADE	
ROOF DRAINS	
3012 Primary Roof Drain (Replaces 3200)	
Regularly Furnished: Painted cast iron primary roof drain with flange, combination membrane flashing clamp / gravel guard, medium sump body, mushroom dome and bottom outlet.	

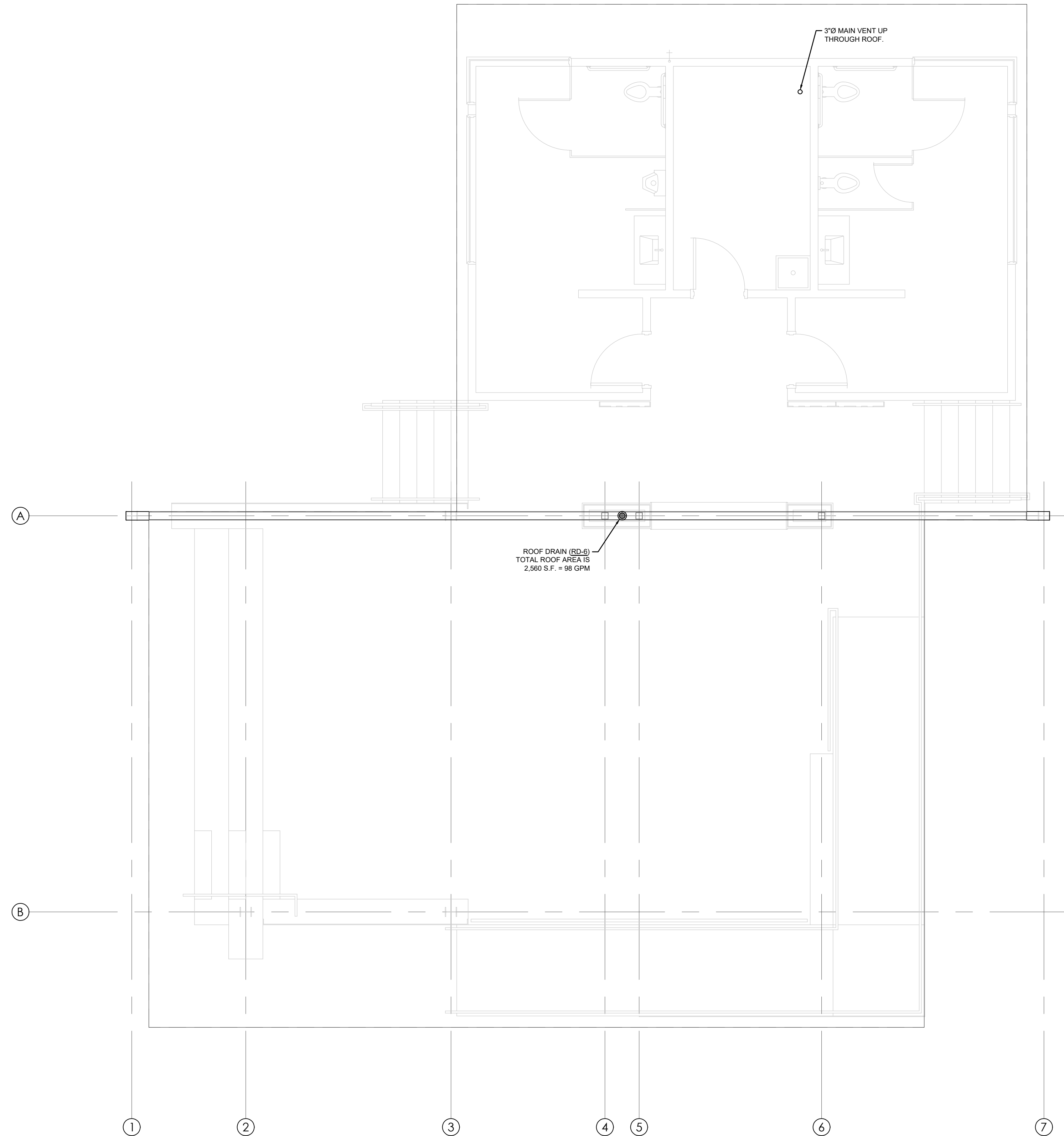
Top Material		Options	
Suffix	Description	Suffix	Description
-3	Bronze Dome	-ARC	Acid Resistant Coating (C.I. Parts)
-32	Polypropylene Dome	-D	2" High Overflow Dam
-42	Cast Iron Dome	-DFS	Perforated Stainless Steel Extension
-46	Aluminum Dome	-DP	Perforated Stainless Steel Gravel Stop
		-SO	90 Deg. Side Outlet - IPS
		-SD	Adjustable Internal Overflow Standpipe
		-VP	Vandal Proof Secured Grate
		-39	Galvanized Iron Parts
		-49	Bronze Mesh Lining on Dome
		-50	Stainless Steel Mesh Lining on Dome
		-52	Bearing Pan (Sump Receiver)
		-53	Under Deck Clamp
		-189	Bearing Pan w/ Securing Package

Outlet Variations	
Type	Designation
No-Hub	2NH, 3NH, 4NH, 6NH
Push On	2TY, 3TY, 4TY
Inside Caulk	2IC, 3IC, 4IC
Threaded	2IPS, 3IPS, 4IPS

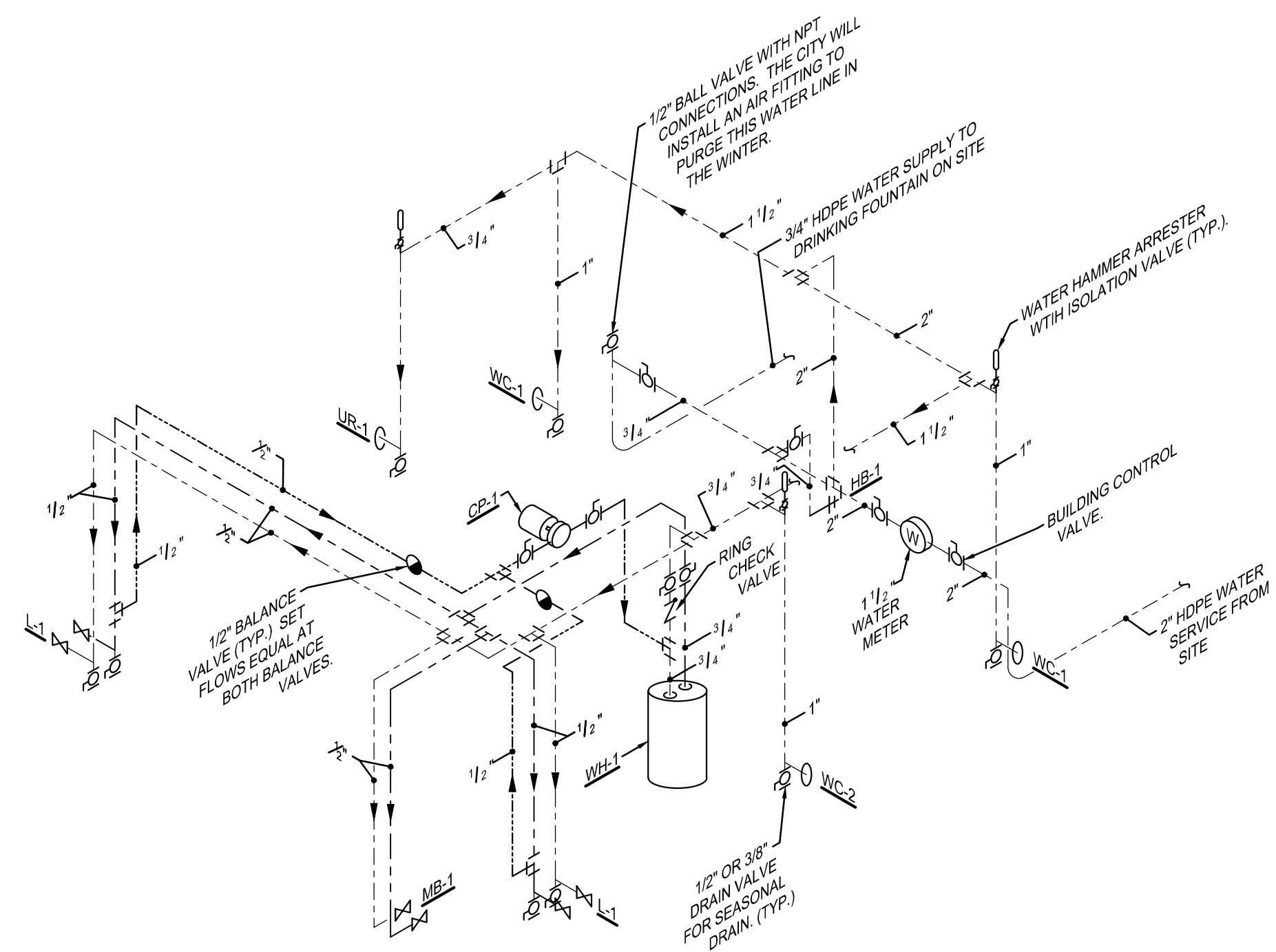
Extensions	
Suffix	Description
-DF	Fixed Extension (2")
-EB	Adjustable Drain Extension Flange

WADE DRAINS • 116 MAPLE STREET • COMMERCE TX 75428 • (800) 638-9537 • WADEDRAINS.COM

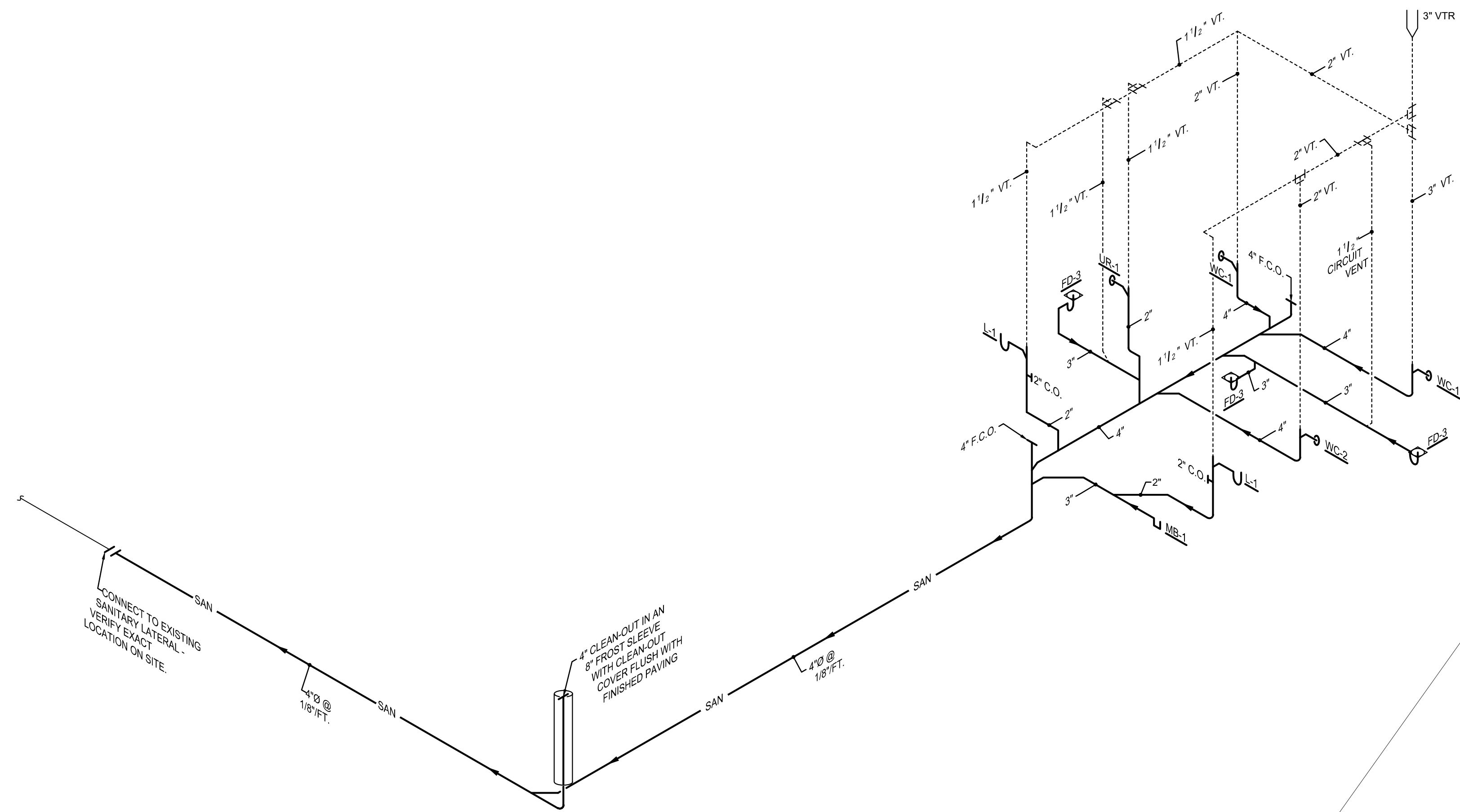
2 ROOF DRAIN (RD-6)
PI03 SCALE: NONE



1 PLUMBING ROOF PLAN
PI03 SCALE: 1/4" = 1'-0"



2 DOMESTIC WATER ISOMETRIC
P500 N.T.S.



1 DRAIN, WASTE AND VENT ISOMETRIC
P500 N.T.S.

PROJECT: **BADGER - HICKEY PARK RESTROOMS & SHELTER**
CITY OF LA CROSSE, WI

DATE: 08/01/24
DRAWN BY: GALILEO
CHECKED BY: GALILEO

PROJECT No: 1576
DRAWING TITLE: PLUMBING ISOMETRICS

SHEET No
P500



river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

FITTINGS AND SPECIALTIES

MARK	GENERAL DESCRIPTION	FIXTURE	VALVE / FAUCET	FINISH	CONNECTIONS	ACCESSORIES	REMARKS
HB-1	MILD-CLIMATE WALL FAUCET IN BOX WITH BACKFLOW PROTECTION	N/A	WOODFORD B26-AL Fully recessed wall hydrant with hinged Anodized Aluminum wall box in Anodized Aluminum finish and tee key lock. Automatic draining. Loose key operator. Provide with vacuum breaker.	Anodized Aluminum	3/4" CW	Non-removable, backflow preventer with standard hose thread outlet.	A

ACCESSORIES:

REMARKS:

A. This box will be cast into a concrete foundation wall. Water supply must make a horizontal connection to the wall box.

ROOF DRAINS

MARK	GENERAL DESCRIPTION	ROOF DRAIN	FINISH	INSULATION THICKNESS	OUTLET CONNECTION	ACCESSORIES	REMARKS
DN-6	DOWNSPOUT NOZZLE (6" OUTLET)	Wade 3942-6NH Stainless steel downspout nozzle suitable for terminating storm water piping on a vertical surface, with hinged and slotted grate. Self-trimming.	Stainless Steel		6" No-Hub		
RD-6	ROOF DRAIN (6" OUTLET)	Wade 3012-46-6NH-39-53 Cast iron roof drain with reversible deck flange, underdeck clamp, non-adjustable height, in optional galvanized iron construction and aluminum dome strainer.	Cast Iron "Mushroom" Shape (Standard finish and color) Galvanized	N/A (No Roof Insulation)	6" No-Hub	1	

ACCESSORIES:

- Deck Clamp
- Extension Flange
- Perforated Extension
- Perforated Gravel Stop
- 2 Inch High Dam
- Flow Control Assembly
- Standpipe Assembly

REMARKS:

A.

DOMESTIC WATER HEATING EQUIPMENT AND CIRCULATING PUMPS

ELECTRIC DOMESTIC WATER HEATERS														HOT WATER CIRCULATING PUMP											
MARK	MODEL No.	PRIMARY FUEL	SECONDARY FUEL	PERFORMANCE			1st Hour Rating	UNIT SIZE OVERALL		TANK STORAGE	ELECTRICAL REQUIREMENTS			HEATER ACCESSORIES	HEATER REMARKS	MARK	MODEL No.	FLUID			ELECTRICAL		TYPE	PUMP ACCESS.	PUMP REMARKS
				INPUT	RECOVERY	ASHRAE 90.1?		Diameter	Height		F.L.A.	M.O.P.	VOLT/PHASE					GPM	FT HD	F.L.A.	M.O.P.	VOLT/PHASE			
WH-1	EJC-10	Electrical	(None)	1.65 KW	8 GPH	No		16"	18.25"	10 Gallons	13.8	20.0	120/1/60	A, B	1, 2, 3	CP-1	UP15-10SU7P TLC	1.5	4.0	<1.0	15	120/1	In-line	C, D	1, 2

Based on products by A.O. Smith. Equal products are acceptable.

Pumps based on products by Grundfos. Equal products will be acceptable.

HEATER ACCESSORIES:

- P&T Relief Valve
- Drain Valve
- Concentric Vent Kit Termination

HEATER REMARKS:

- Provide a "Therm-X-Trol" Model ST-1 Expansion Tank.
- Provide 6 year warranty on heater.
- Provide a Hardwire Model #40-SWHP-W Wall-mounted Water Heater Platform.

PUMP ACCESSORIES:

- Variable Speed Selector Switch
- Adjustable Temperature Sensor
- Plug and Cord Electrical Connection
- Unit-mounted Timer

PUMP REMARKS:

- Pump must run continually during occupied periods to maintain water temperature.
- Provide pump with matching set of isolation flanges and integral flow check valve - either in pump housing or in flange assembly.

DRAINS SCHEDULE

MARK	GENERAL DESCRIPTION	FIXTURE	STRAINER FINISH	TRAP	SEDIMENT BUCKET	ACCESSORIES	REMARKS
FD-3	FLOOR DRAIN (Concrete Floors)	Sloux Chief #860-W3P-Z-S Large body floor sink, round shape, non-adjustable, with concrete flange, stainless steel strainer and stainless steel ring. Solvent-weld to PVC pipe.	Stainless Steel Strainer & Ring 9" Round	3" PVC "P" trap (Field-fabricated)	Sloux Chief "S" ABS Removeable Sand Bucket		

ACCESSORIES:

REMARKS:

PLUMBING FIXTURES AND TRIM

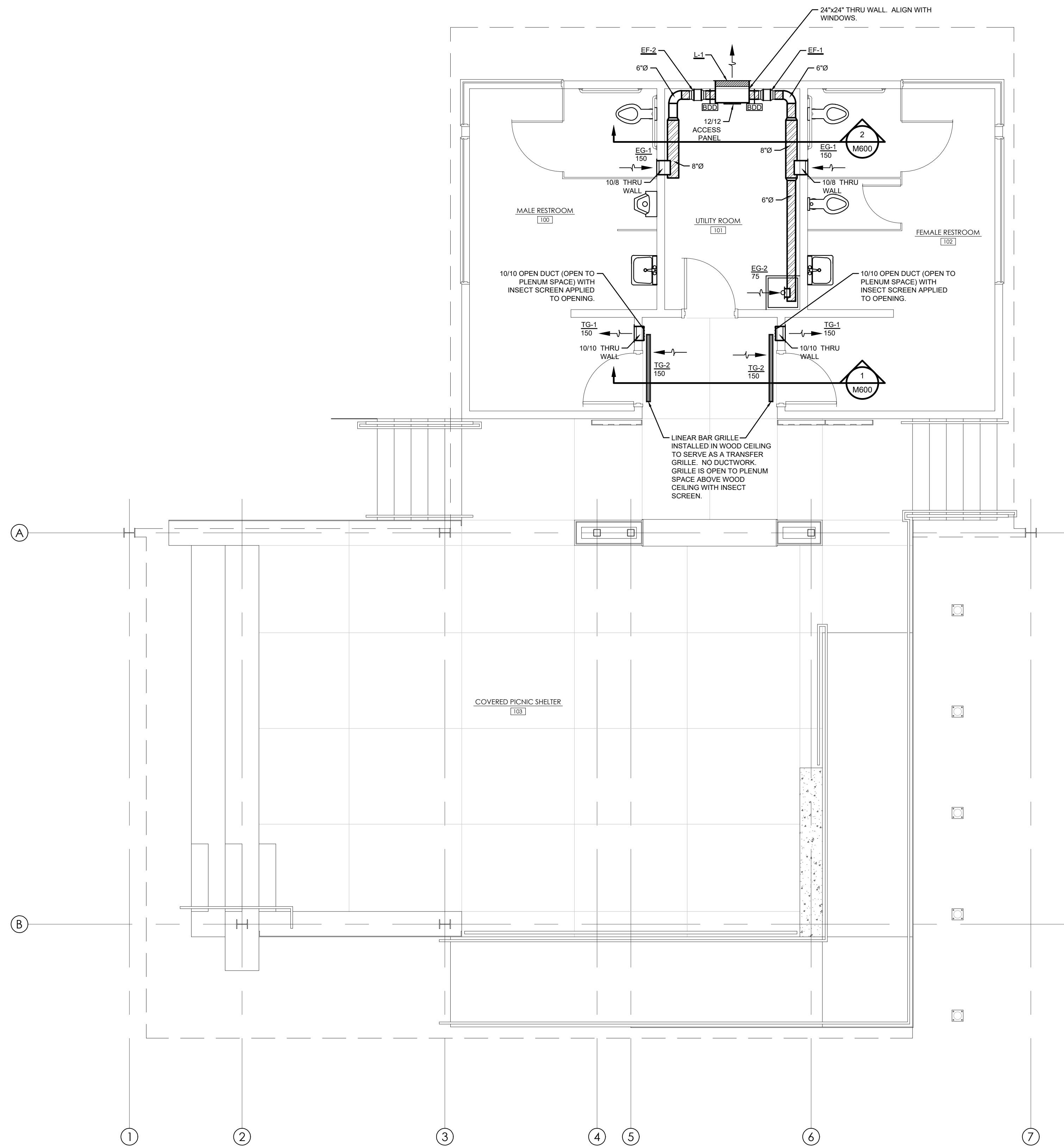
MARK	GENERAL DESCRIPTION	FIXTURE	VALVE / FAUCET	SUPPORT	SUPPLIES	HOT WATER SUPPLY SIZE	COLD WATER SUPPLY SIZE	DRAIN	DRAIN CONNECTION	ACCESSORY No. 1	ACCESSORY No. 2	ACCESSORIES	REMARKS
L-1	ADA-compliant WALL-HUNG VITREOUS CHINA LAVATORY	American Standard "Lucerne" #0356.421 Nominal 21" x 18" wall-hung vitreous china lavatory suitable for wall hanger or concealed arm supports, single faucet hole in center of lavatory, integral front overflow, white color.	Chicago Model 807-665PSHABCP Single temperature faucet with self-metering push-button operation, standard aerator, chrome-plated.	(Wall hanger provided with Lavatory as required.)	Any Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.	1/2"	1/2"	Chrome-plated grid strainer, 17 gauge chrome-plated tailpiece, chrome-plated brass P-trap and related fittings as required.	1-1/2"	Sloan Model 131-ABNF Under-sink thermostatic mixing valve suitable for 3/8" compression inlets and outlet.		A	1, 2
MB-1	FLOOR-MOUNTED MOP BASIN	Mustee Model 63M 24" x 24" x 10" fiberglass molded one-piece mop basin suitable for mounting directly on floor.	Chicago Moel 835-369CP Wall-mounted mop basin faucet suitable for water supplies to be routed exposed up interior wall and NOT concealed in wall cavity, chrome-plated finish, standard lever operators.	None Required.	Integral to Faucet	1/2"	1/2"	3" strainer provided with mop basin. Suitable for direct connection to PVC or no-hub cast iron.	3"			B, C, D, E	
UR-1	WALL-HUNG, FLUSH VALVE WASHDOWN URINAL	American Standard "Washbrook" #6590001.020 Wall-hung vitreous china washout urinal with top spud water connection, white color, with beehive strainer suitable for 2" drainage connection.	Sloan Solis 8186 Sensor-activated, automatic flush valve, fully exposed, top spud mounting, chrome-plated finish, battery-powered operation.	Floor-mounted heavy-duty carrier with mounting accessories to match urinal	N/A		3/4"	Integral to Fixture	2"				1, 2
WC-1	WALL-MOUNT FLUSH VALVE WATER CLOSET	American Standard "Afwall" #2257101.020 Vitreous China, 1.28 gallon flush, elongated bowl, siphon jet flushing action, top spud connection, white color. (Bemis #16555SCT open front seat, less cover)	Sloan Solis 8111 Sensor-activated, automatic flush valve, fully exposed, top spud mounting, chrome-plated finish, battery-powered operation.	Floor-mounted heavy-duty carrier (700 lb. minimum rating) with mounting accessories to match water closet, vertical drain and vertical vent connections.	N/A		1"	Integral to Fixture	4"				1, 2
WC-2	WALL-MOUNT FLUSH VALVE WATER CLOSET	American Standard "Afwall" #2257101.020 Vitreous China, 1.28 gallon flush, elongated bowl, siphon jet flushing action, top spud connection, white color. (Bemis #16555SCT open front seat, less cover)	Sloan Solis 8111 Sensor-activated, automatic flush valve, fully exposed, top spud mounting, chrome-plated finish, battery-powered operation.	Floor-mounted heavy-duty carrier (700 lb. minimum rating) with mounting accessories to match water closet, vertical drain and vertical vent connections.	N/A		1"	Integral to Fixture	4"				2

REMARKS:

- Handicap mounting - refer to Architectural Details
- No equals allowed. Provide exact products as Scheduled.

ACCESSORIES:

- ADA-compliant trap and water supply insulation kit - white vinyl finish.
- Mop Basin Hose and Hose Holder.
- Mop Basin Mop Hanger.
- Mop Basin Corner Bumper Guards.
- Mop Basin Corner Wall Guards.



1 FIRST FLOOR PLAN - DUCTWORK
SCALE: 1/4" = 1'-0"

DUCTWORK	GENERAL PIPING	EQUIPMENT	
<ul style="list-style-type: none"> RECTANGULAR DUCT 24" WIDE X 12" DEEP CLEAR INSIDE DIMENSION ROUND RIGID DUCT 12" DIA. ROUND FLEXIBLE DUCT DUCT TURNED UP DUCT TURNED DOWN SUPPLY / FRESH AIR RETURN AIR EXHAUST AIR TRANSITION, 30° MAX. RECTANGULAR TO ROUND TRANSITION 45 DEG. ENTRY TAP AIR EXTRACTOR 90 DEG. ELBOW W/ TURNING VANES OPPOSED BLADE DAMPER PARALLEL BLADE DAMPER BUTTERFLY DAMPER DUCT COVERING THERMAL INSULATION DUCT LINER ACOUSTICAL INSULATION ACCESS PANEL (AP) ACCESS DOOR (AD) HORIZONTAL FIRE DAMPER (IN VERTICAL DUCT) VERTICAL FIRE DAMPER (IN HORIZONTAL DUCT) DIFFUSER TYPE ,CFM UNDERCUT DOOR DOOR GRILLE 18"X12" THERMOSTAT HUMIDISTAT TEMPERATURE SENSOR AIRFLOW INDICATOR MOTOR OPERATOR PNEUMATIC OPERATOR STEAM DISTRIBUTION TUBE HUMIDIFIER CENTRIFUGAL ROOF EXHAUSTER ROOF FRESH AIR INTAKE 	<ul style="list-style-type: none"> DIRECTION OF FLOW PIPE DESIGNATION PIPE PITCH,RISE(R) DROP(D) PIPE CONNECTION PIPE TURNED UP PIPE TURNED DOWN OFF TOP OF PIPE OFF BOTTOM OF PIPE REDUCER (ECCENTRIC) REDUCER (CONCENTRIC) BLIND FLANGE FLANGE COUPLING BUSHING UNION STRAINER INLINE PUMP THERMOMETER PRESSURE GAUGE CONNECT TO EXISTING 	<ul style="list-style-type: none"> ACC - Air Cooled Chiller ACU - Air Cooled Condensing Unit AFM - Air Flow Measuring Station AHU - Air Handling Unit AP - Access Panel ATU - Air Terminal Unit BC - Blower Coil B - Boiler BV - Brick Vent CC - Cooling Coil CD - Control Damper CF - Combustion Air Fan CH - Cabinet Heater CP - Condensate Pump CT - Cooling Tower CU - Condensing Unit CV - Convectors DC - Duct Coil DG - Door Grille DLC - Dry Liquid Coolers EBB - Electric Base Board ECH - Electric Cabinet Heater EDH - Electric Duct Heater EF - Exhaust Fan EG - Exhaust Grille EH - Exhaust Hood ELC - Evaporative Liquid Coolers ER - Exhaust Register ETS - Expansion Tank System EUH - Electric Unit Heater EWB - Electric Wall Heater F - Fan FC - Fan Coil Unit FG - Floor Grille FH - Filter Housing FT - Fin Tube Radiation HC - Heating Coil HCC - Heat Cool Coils HP - Heat Pump HUM - Humidifier HX - Heat Exchanger IH - Intake Hood IL - Intake Louver IPH - Infrared Panel Heater ITH - Infrared Tube Heater L - Louver LG - Linear Grille LS - Linear Slot MUA - Make-Up Air Unit P - Pump PAC - Packaged Air Conditioners RG - Return Grille MUA - Make-Up Air Unit P - Pump PAC - Packaged Air Conditioners RG - Return Grille RH - Relief Hood RP - Return Panel RR - Return Register RTU - Rooftop Unit SD - Supply Diffuser SF - Supply Fan SG - Supply Grille TG - Transfer Grille UH - Unit Heater VAC - Unit Air Conditioner VAV - Variable Air Volume Box WCH - Water Cooled Chiller 	
	<ul style="list-style-type: none"> REFRIGERANT REFRIGERANT LIQUID REFRIGERANT SUCTION REFRIGERANT HOT GAS CHILLED WATER SUPPLY CHILLED WATER RETURN COMBINATION TEMPERATURE/PRESSURE GAGE 		
	<ul style="list-style-type: none"> STEAM/HYDRONICS HEATING WATER SUPPLY HEATING WATER RETURN AUTOMATIC AIR VENT MANUAL AIR VENT BALANCING VALVE FLOW INDICATOR BASEBOARD RADIATION (SHOWING ACTIVE LENGTH) 		
	<ul style="list-style-type: none"> FUEL PIPING NATURAL GAS PROPANE GAS LIQUID PROPANE PROPANE/AIR MIX FUEL OIL SUPPLY FUEL OIL RETURN GAS COCK 	<ul style="list-style-type: none"> VALVES BALL VALVE GATE VALVE GLOBE VALVE BUTTERFLY VALVE PLUG VALVE CHECK VALVE, SWING(S) LIFT(L), BALL(B), DISC(D) SQUARE HEAD VALVE GENERAL, NON-DESIGNATED PRESSURE REDUCING VALVE SAFETY(S), RELIEF(R) HOSE BIBB DRAIN REDUCED PRESSURE ZONE BACKFLOW PREVENTER 	<ul style="list-style-type: none"> ABBREVIATIONS AFF - Above Finish Floor BD - Back Draft Damper BOF - Bottom Of Footing CLG - Ceiling C/C - Center To Center CW - Cold Water COMP - Compressor CR - Condenser Return CS - Condenser Supply CONN - Connection DIFF - Diffuser DF - Drinking Fountain DTR - Dual - Temp Return DTS - Dual - Temp Supply DF - Duct Furnace DH - Duct Heater EWG - Electrical Water Cooler EWB - Electrical Water Heater E.C. - Electrical Contractor EXH - Exhaust EF - Exhaust Fan EG - Exhaust Grille FD - Fire Damper F.D. - Floor Drain FS - Flow Switch G.C. - General Contractor HP - Horse Power HT - Hot Water I.E. - Invert Elevation MAV - Manual Air Vent M.C. - Mechanical Contractor MOD - Motor Operated Damper P.C. - Plumbing Contractor RD - Roof Drain SAN - Sanitary SM - Sheet Metal SMD - Smoke Damper T'STAT - Thermostat UR - Urinal V - Vent VTR - Vent Thru Roof WH - Wall Hydrant WTR - Water WC - Water Closet WP - Water Proof

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BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

PROJECT: 1576
DATE: 08/01/24
DRAWN BY: GALILEO
CHECKED BY: GALILEO

PROJECT No 1576
DRAWING TITLE MECHANICAL PLANS AND SYMBOLS
DATE 08/01/24
DRAWN BY GALILEO
CHECKED BY GALILEO

SHEET No
M100

IN-LINE FANS

MARK	MANUFACTURER'S MODEL NO.	LOCATION	CFM	TOTAL S.P.	INLET CONNECTIONS	OUTLET CONNECTIONS	MAX. SONES	CONTROL/ INTERLOCK	FAN		ELECTRICAL		ACCESSORIES/ OPTIONS	REMARKS
									RPM	DRIVE	Watts	VOLT/PH		
EF-1	MFT-150	Utility Room 101	225	0.125"	6" Round	6" Round		Timeclock	2,033	Direct	55	120/1	3, 4	A, B
EF-2	MFT-150	Utility Room 101	150	0.125"	6" Round	6" Round		Timeclock	2,033	Direct	55	120/1	3, 4	A, B

Based on products by Continental Fan. Equal products will be acceptable.

ACCESSORIES/OPTIONS:

- Integral Backdraft Damper
- RIS Isolators
- Mounting Clamps for Rigid Duct
- Speed Control Switch
- Firestat

REMARKS:

- Provide a matching variable speed control for balancing use only.
- Provide a spring-loaded backdraft damper.

DUCTWORK CONSTRUCTION STANDARDS

SYSTEM	DUCTWORK INVOLVED	MINIMUM DUCT PRESSURE CLASS							SEAL CLASS	REMARKS
		+4"	+3"	+2"	+1"	+1/2"	-1/2"	-1"		
Exhaust Systems	Exhaust Air Ductwork Upstream of Fans								A	
	Exhaust Air Ductwork Downstream of Fans				X				A	

LOUVERS

MARK	MANUFACTURER'S MODEL NO.	SERVING	DIMENSIONS IN INCHES			FREE AREA (SQ. FT.)	APPLICATION	CFM	MAX P.D. "	CONSTRUCTION	ACCESSORIES/ OPTIONS	REMARKS
			WIDTH	HEIGHT	DEPTH							
L-1	ELF-375-DX	Exhaust Fans EF-1 & EF-2	24"	24"	4"	1.94	Exhaust	375	0.05"	Aluminum	1, 2, 4	A

Based on products by Ruskin. Equal products will be acceptable.

ACCESSORIES/OPTIONS:

- Bird Screen
- Insect Screen
- Channel Frame
- Flange Frame
- Extended Sill
- Filter Rack
- Subframe and Removeable Core
- Security Bars

REMARKS:

- Provide louver with baked enamel painted finish - color choice by Architect from manufacturer's standard colors.

DUCTWORK INSULATION

Air System	DUCT SYSTEM	DUCT WRAP			DUCT BOARD			DUCT LINER			No Insulation Required.	REMARKS	
		1 1/2"	3"	DENSITY	1"	1 1/2"	2"	DENSITY	1/2"	1"			1 1/2"
Exhaust Air Systems	Plenum Behind Louver L-1												A
	Round Ductwork Between Louver Plenum and Exhaust Fans	X		.75 PCF			X	3.0 PCF					A
	Ductwork on the Building-side of the Exhaust Fans											X	

Remarks:

- Ductwork Insulation to have FSK Aluminum Finish.

GRILLES, REGISTERS, AND DIFFUSERS

MARK	MANUFACTURER'S MODEL NO.	SERVICE	Size		Performance		Throw		Type	Construction	Color	Volume Damper	Access. Options	REMARKS
			DUCT	FACE	PD"	NC	FT **	Direction						
EG-1	9580-H	Exhaust	10" x 8"	12" x 10"	<.05"	<20	---	---	Single Deflection Blades 3/4" o.c. at 0 degree angle	Stainless Steel	Stainless Steel	Yes		
EG-2	9580-H	Exhaust	6" x 6"	8" x 8"	<.05"	<20	---	---	Single Deflection Blades 3/4" o.c. at 0 degree angle	Stainless Steel	Stainless Steel	Yes		
TG-1	9580-H	Transfer	10" x 10"	12" x 12"	<.05"	<20	---	---	Single Deflection Blades 3/4" o.c. at 0 degree angle	Stainless Steel	Stainless Steel	No		
TG-2	E-1600-RG	Transfer	48" x 3"	48" x 3"	<.05"	<20	---	---	Linear Bar Grille with 1/8" Blades 1/2" on Center - 0 Degree Deflection, No Frame Flange.	Aluminum	Black	No		A

Based on products by Kreuger. Equal products will be acceptable.

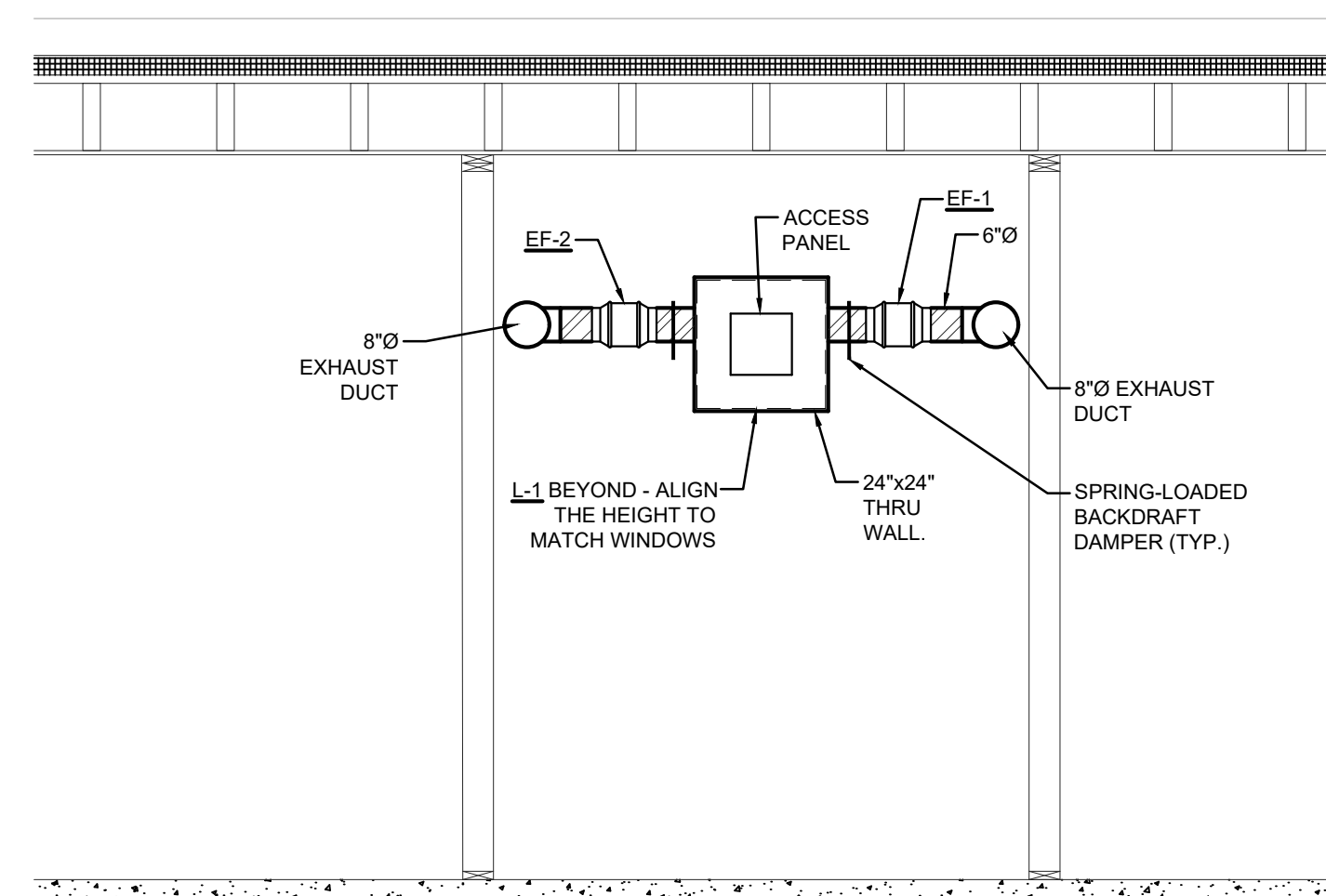
** Distance in FT at 100 FPM with direction pattern indicated.

ACCESSORIES/OPTIONS:

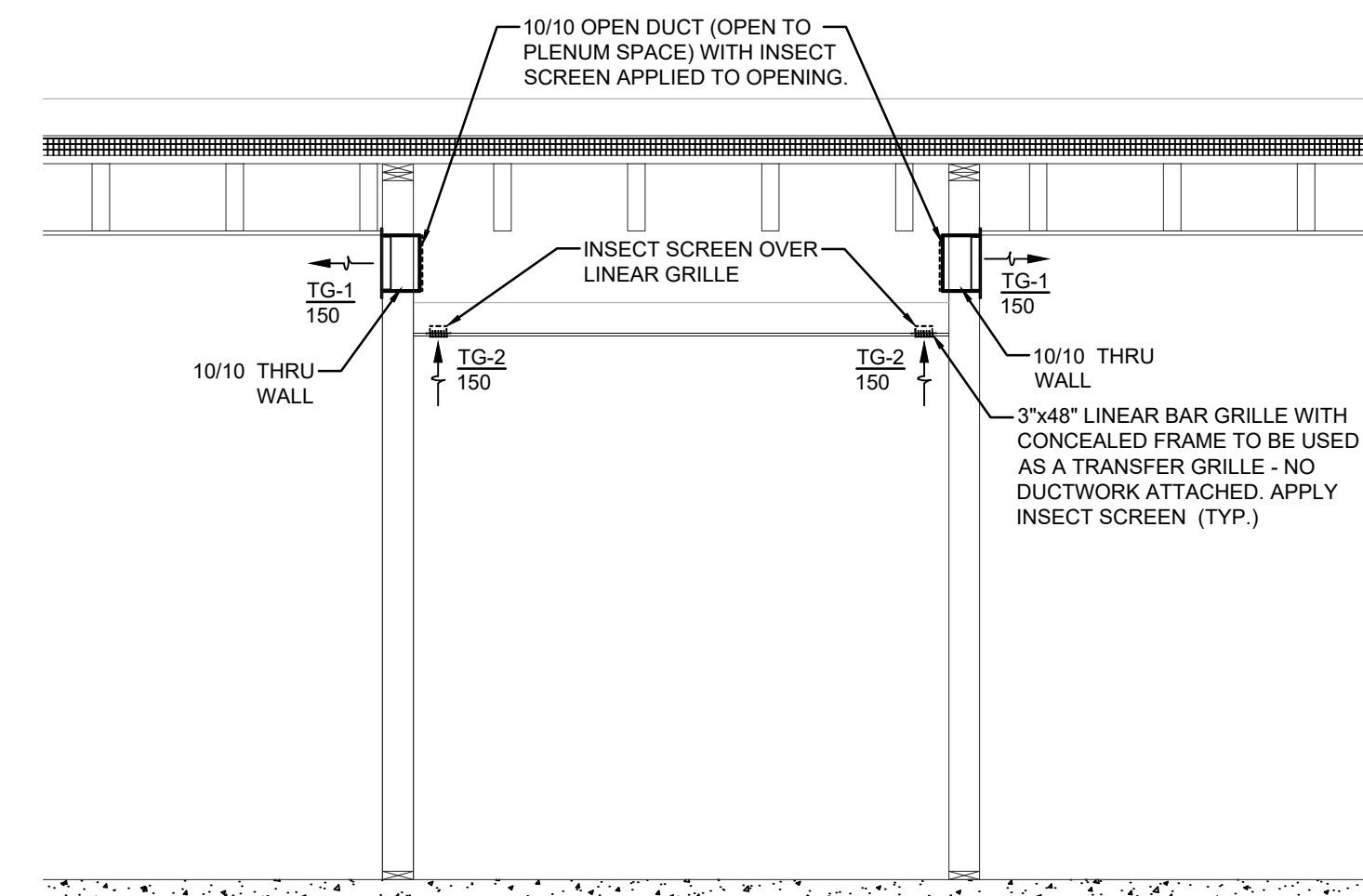
- Square Plenum Box for Lateral Duct Connection.
- Square-to-round Adapter.
- Infill Panel for 24"x24" Grid System.
- Infill Panel for 24"x48" Grid System.
- 1-hour Radiation Damper.
- Beveled Drop Face.
- Channel Frame for 2'x2' Grid System

REMARKS:

- Provide linear bar grilles with regressed frame so wood overlaps frame and butts tight to grille frame.

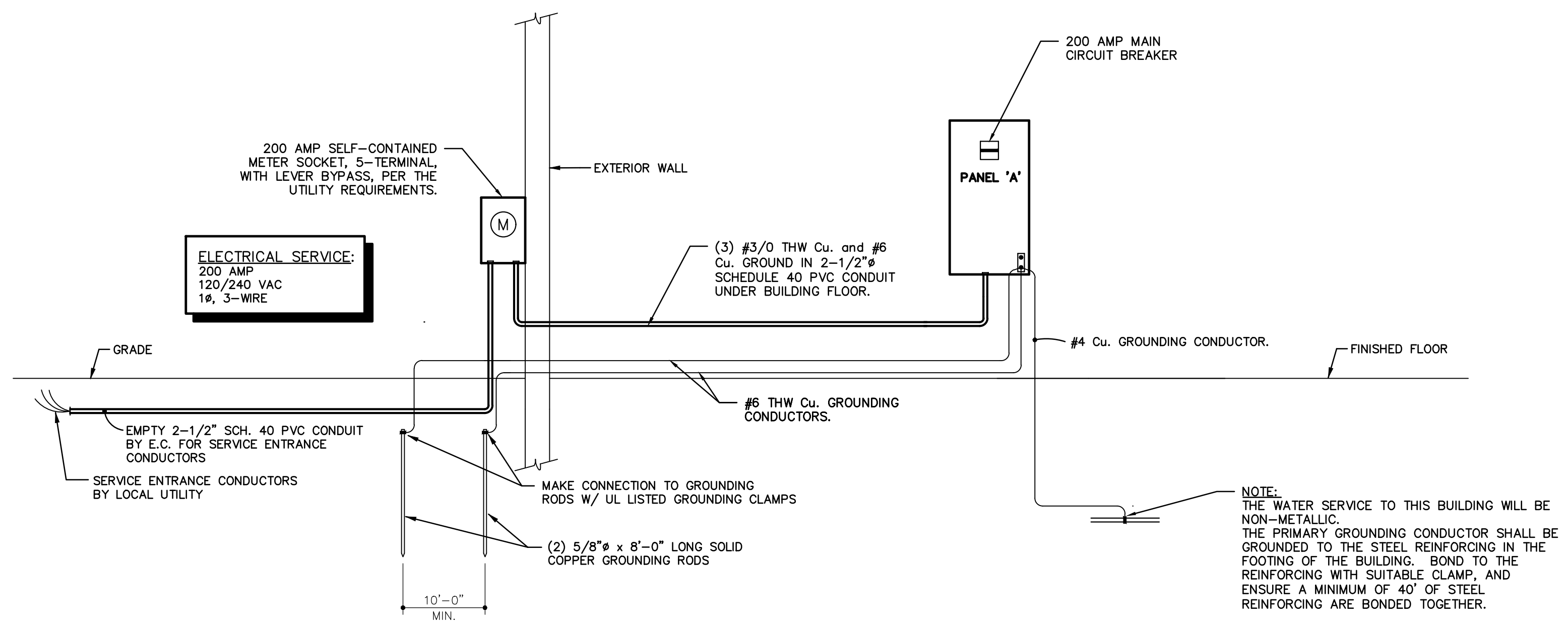


2 ELEVATION VIEW AT EXHAUST FANS
SCALE: 3/8" = 1'-0"



1 SECTION AT TRANSFER DUCTS
SCALE: 3/8" = 1'-0"

<h3>RECEPTACLES</h3> <p> DUPLEX RECEPTACLE WITH 3 WIRE GROUNDING SPECIAL PURPOSE DUPLEX RECEPTACLE LETTERS INDICATE FUNCTION - CIRCUIT RECEPT. AS INDICATED AC = ABOVE COUNTER MOUNTING HEIGHT D = DEDICATED USE RECEPTACLE GFCI = RECEPTACLE WITH GROUND FAULT INTERRUPTION (GFI) PROTECTION IG = ISOLATED GROUND TVSS = TRANSIENT VOLTAGE SURGE SUPPRESSING X = EXISTING OUTLET BOX W/ NEW RECEPT. WP = WEATHERPROOF FOUR-PLEX (DOUBLE DUPLEX) RECEPTACLE SINGLE RECEPTACLE THREE-WIRE RECEPTACLE HALF-SWITCHED RECEPTACLE FLOOR MOUNTED RECEPTACLE FLOOR MOUNTED DUPLEX RECEPTACLE W/ SPACE FOR DATA RECEPTACLES SPECIAL PURPOSE OUTLET, TYPE AS INDICATED SURFACE-MOUNTED "PLUG MOLD" TYPE, MOUNTING HEIGHT & RECEPT. LOCATIONS AS INDICATED POWER POLE CORD AND PLUG POWER CONNECTION </p>	<h3>LIGHTING</h3> <p> RECESSED FLUORESCENT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE. 'A' INDICATES FIXTURE TYPE. 'b' INDICATES SWITCH CONTROL SURFACE FLUORESCENT FIXTURE SEE LIGHTING FIXTURE SCHEDULE. 'A' INDICATES FIXTURE TYPE. 'b' INDICATES SWITCH CONTROL WALL BRACKET LIGHTING FIXTURE SEE LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION AND MANUFACTURER 'A' INDICATES FIXTURE TYPE SURFACE-MOUNTED FIXTURE-SEE LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION AND MANUFACTURER 'A' INDICATES FIXTURE TYPE PENDANT-MOUNTED LIGHTING FIXTURE 'A' INDICATES FIXTURE TYPE RECESS-MOUNTED DOWNLIGHT-SEE LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION AND MANUFACTURER 'A' INDICATES FIXTURE TYPE RECESSED WALL-WASH OR SPOTLIGHTING FIXTURE, DIRECTION AS INDICATED BY ARROW 'A' INDICATES FIXTURE TYPE WALL MOUNTED FIXTURE-SEE FIXTURE SCHEDULE 'A' INDICATES FIXTURE TYPE POLE MOUNTED LIGHT FIXTURE FLUORESCENT STRIP FIXTURE 'A' INDICATES FIXTURE TYPE TRACK LIGHTING FIXTURE WITH NUMBER OF FIXTURES INDICATED. LIGHTING FIXTURES ON EMERGENCY POWER SOURCE 'A' INDICATES FIXTURE TYPE. 'NL' INDICATES IF FIXTURE IS TO BE ON AT ALL TIMES EMERGENCY LIGHTING UNIT WITH SELF-CONTAINED BATTERY AND HEADS AS INDICATED. WG = WIRE GUARD PROTECTED CEILING MOUNTED EMERGENCY LIGHTING UNIT WITH SELF-CONTAINED BATTERY AND HEADS AS INDICATED. WG = WIRE GUARD PROTECTED EMERGENCY LIGHTING UNIT REMOTE HEAD EXIT LIGHT FIXTURE, NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED. WG = WIRE GUARD PROTECTED COMBINATION EXIT LIGHT AND EMERGENCY LIGHTING UNIT CEILING FAN </p>	<h3>RACEWAY</h3> <p> NEUTRAL CONDUCTOR (TYP.) POWER CONDUCTOR (TYP.) BRANCH CIRCUIT CARRYING SWITCHED CONDUCTORS BRANCH CIRCUIT WITHOUT SWITCHED CONDUCTORS LOW VOLTAGE CIRCUIT GROUND OR NEUTRAL CONNECTION AS INDICATED JUNCTION BOX UNDERFLOOR DUCT AND JUNCTION BOX EMPTY OUTLET BOX WITH BLANK COVER PLATE, SIZE AND TYPE AS INDICATED HOME RUN TO PANEL 'L' CIRCUIT #2 VIA RELAY #1 IN LIGHTING CONTROL PANEL LCP-1. SEE PANELBOARD & LIGHTING CONTROL RELAY SCHEDULES HOME RUN DIRECTLY TO PANEL 'L' CIRCUIT #2 CONDUIT ROUTED ABOVE GROUND SIZE AND TYPE AS INDICATED CONDUIT ROUTED BELOW GROUND OR FLOOR SLAB SIZE AND TYPE AS INDICATED CONDUIT TURNED UP CONDUIT TURNED DOWN CABLE TRAY BUS DUCT ### INDICATES AMPACITY CONDUIT SEAL-OFF NOTE: ALL BRANCH CIRCUITS TO CARRY SEPARATE GROUNDING CONDUCTOR REGARDLESS OF CONDUIT MATERIAL </p>	<h3>CONTROL DEVICES</h3> <p> CONTROL PANEL TEMPERATURE CONTROL PANEL TIME CLOCK PHOTOCELL THERMOSTAT RELAY DOOR BELL BUZZER PUSH BUTTON REMOTE CONTROL STATION </p>	<h3>MOTORS AND EQUIPMENT</h3> <p> MAGNETIC MOTOR STARTER COMBINATION DISCONNECT SWITCH AND STARTER MANUAL MOTOR SWITCH, 3-PHASE WITH OVERLOADS AND PILOT LIGHT MOTOR SEE POWER AND EQUIPMENT SCHEDULE. EQUIPMENT CONNECTION POINT. SEE POWER AND EQUIPMENT SCHEDULE. </p>	<h3>DATA AND COMMUNICATION EQUIPMENT</h3> <p> DATA/COMMUNICATION BOARD (TTB) 3/4" THICK, GRADE AC PLYWOOD. HEIGHT AND WIDTH AS INDICATED. TELECOMMUNICATIONS OUTLET NUMBER INDICATES 1-DATA JACK, 1-PHONE JACK FLOOR MOUNTED TELECOMMUNICATIONS OUTLET LETTER OR NUMBER INDICATES FUNCTION FLOOR MOUNTED DUPLEX RECEPTACLE W/ SPACE FOR DATA RECEPTACLES TELEPHONE TERMINAL CABINET CABLE TELEVISION TERMINAL BOARD (TVTB) - 3/4" THICK, GRADE AC PLYWOOD. HEIGHT AND WIDTH AS INDICATED. CABLE TELEVISION TERMINAL CABINET (TVTC) TELEVISION OUTLET LOCK OUTLET DF = DOUBLE FACE </p>
<h3>SWITCHES</h3> <p> WALL SWITCH, SINGLE POLE SINGLE THROW (SPST) LETTER INDICATES SPECIAL FEATURE 3 = 3-WAY SWITCH 4 = 4-WAY SWITCH D = DIMMER DPST = DOUBLE POLE SINGLE THROW FUSED H/C = HEAT/COOL K = KEY M = MANUAL MOTOR STARTER MC = MOMENTARY CONTACT SWITCH OS = OCCUPANCY SENSING P = PILOT LIGHT SM = SURFACE-MOUNTED T = TIMER SWITCH, MFG. & MODEL # AS INDICATED TP = MANUAL MOTOR SWITCH, SINGLE PHASE WITH OVERLOADS AND PILOT LIGHT V = VOLUME CONTROLS VS = 120 VOLT, 20 AMP MOTOR RATED VARIABLE SPEED SWITCH WP = WEATHER PROOF X = EXISTING OUTLET BOX WITH NEW SWITCH NOTE: LOWER CASE LETTERS INDICATE MULTIPLE LEVELS OF LIGHT CONTROL OF FIXTURES WITH CORRESPONDING LETTERS INDICATED ON FIXTURES WALL SWITCH FOR LIGHTING CONTROL SYSTEM # INDICATES UNIQUE SWITCH DESIGNATION AS SCHEDULED CEILING MOUNTED OCCUPANCY SENSOR OCCUPANCY SENSOR POWER PACK </p>	<h3>DISTRIBUTION EQUIPMENT</h3> <p> POWER DISTRIBUTION PANEL. BRANCH CIRCUIT PANELBOARD ELECTRICAL METER SOCKET TRANSFORMER, SIZE AS INDICATED DISCONNECT SWITCH, NON-FUSED DISCONNECT SWITCH, FUSED MOTOR CONTROL CENTER POWER/LIGHTING CONTACTOR </p>	<h3>FIRE ALARM SYSTEM</h3> <p> NOTES: MOUNTING HEIGHTS FOR FIRE ALARM DEVICES: MANUAL PULL STATION = 48" HORN/STROBE = 80" STROBE LIGHTS = 80" MAGNETIC DOOR HOLDERS = AS SPECIFIED </p> <p> FIRE ALARM CONTROL PANEL(FACP) FIRE ALARM ANNUNCIATOR MANUAL PULL STATION DUCT SMOKE DETECTOR CABLE TRAY SMOKE DETECTOR SMOKE DETECTOR WITH AUXILIARY CONTACTS HEAT DETECTOR HEAT DETECTOR WITH AUXILIARY CONTACTS CARBON MONOXIDE DETECTOR WEATHER PROOF FIRE HORN/STROBE X = EXTERIOR F.A. HORN F.A. AUDIO / VISUAL (HORN/STROBE) WG = WIRE GUARD PROTECTED END OF LINE RESISTOR STROBE LIGHT GAS DETECTOR MAGNETIC DOOR HOLDER SPRINKLER SYSTEM WATER FLOW SWITCH SPRINKLER SYSTEM TAMPER SWITCH RESCUE ASSISTANCE CALL STATION RESCUE ASSISTANCE ANNUNCIATOR </p>	<h3>SOUND SYSTEM</h3> <p> SPEAKER ONLY (WALL-MOUNTED) SPEAKER ONLY (CEILING-MOUNTED) MICROPHONE JACK FLOOR-MOUNTED MICROPHONE JACK VOLUME CONTROLS SOUND SYSTEM CONSOLE SOUND SYSTEM CONTROL PANEL WITH AMPLIFIER </p>	<h3>SECURITY SYSTEM</h3> <p> CARD READER CAMERA CM = NEW CAMERA ECM = EXISTING CAMERA MONITOR SECURITY SYSTEM KEY PAD SECURITY SYSTEM INFRARED MOTION SENSOR SECURITY SYSTEM HAND BUTTON ACTIVATION SWITCH SECURITY SYSTEM SAFE PROTECTION CONNECTION SECURITY SYSTEM MONEY CLIP ACTIVATION SWITCH PHOTOELECTRIC PROXIMITY SENSOR MAGNETIC DOOR CONTACT SWITCH REQUEST TO EXIT ELECTRIC STRIKE BREAK GLASS SENSOR </p>	



1 ELECTRICAL RISER DIAGRAM
E000 SCALE: NONE

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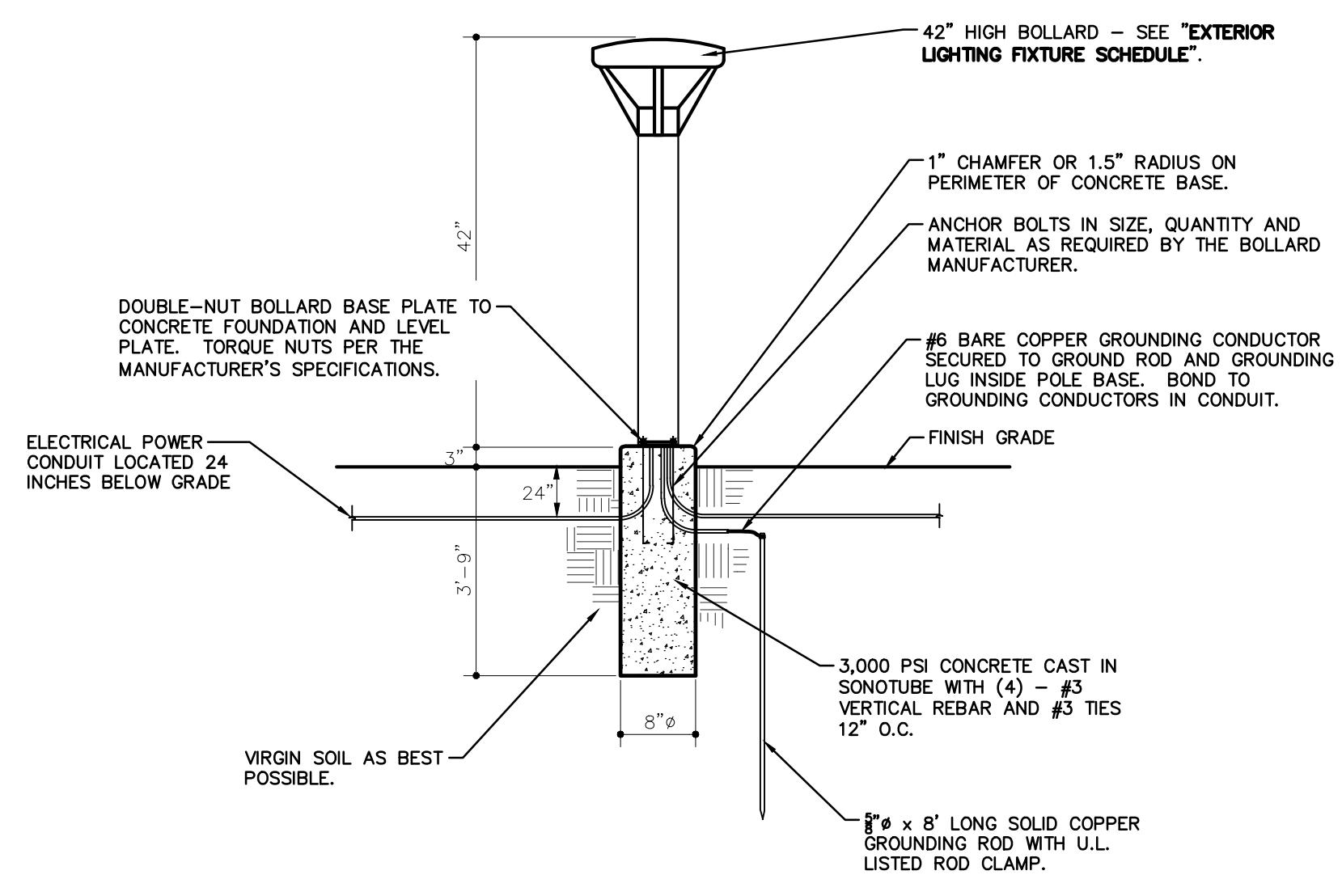
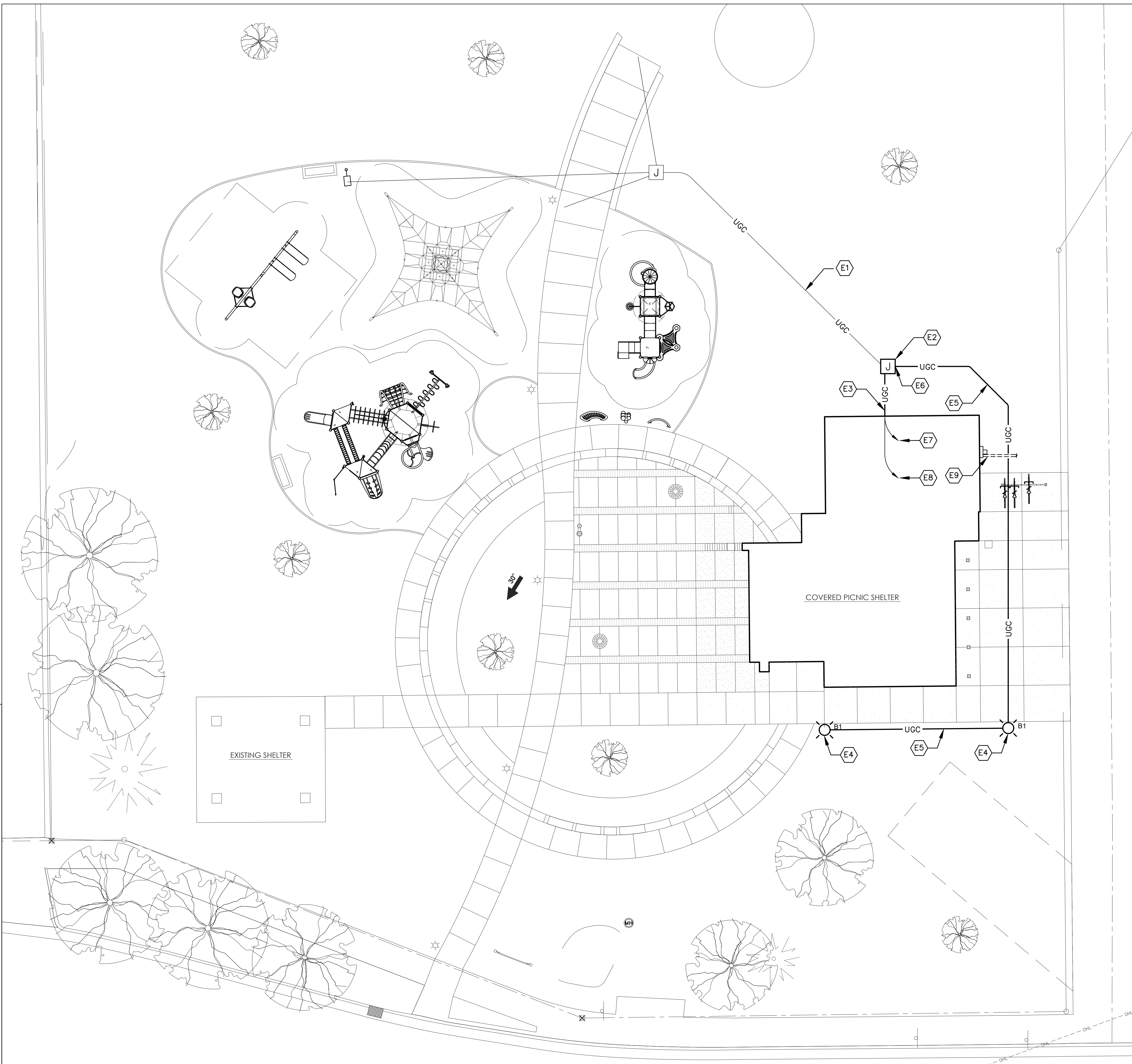
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PROJECT BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI
DATE 08/01/24
DRAWN BY GALILEO
CHECKED BY GALILEO

PROJECT No 1576
DRAWING TITLE ELECTRICAL SYMBOLS AND DIAGRAMS

SHEET No E000

- ELECTRICAL SITE PLAN "KEYED" NOTES:**
- E1 Two existing underground conduit with multiple lighting circuits are located at this approximate location. The Electrical Contractor shall find these conduit and shall extend these circuits into the New Building.
 - Conduit #1
3/4 inch Schedule 40 PVC
 - (4) - #10 XHHW-2 & #12 ground serving full-height light poles. One circuit is not currently used.
 - Conduit #2
3/4 inch Schedule 40 PVC
 - (2) - #12 XHHW-2 & #12 ground serving bollards.
 - E2 The Electrical Contractor shall provide and install a ground-mounted junction box to terminate existing and new conduit and to splice existing conductors. (Quazite or similar product.)
 - E3 Extend a new 1-1/2 inch Schedule 40 PVC conduit between the new exterior junction box and Panel "A".
 - E4 New Bollard lighting fixture to match existing bollards on this property. Refer to Detail 2/E001 and the "EXTERIOR LIGHTING FIXTURE SCHEDULE".
 - E5 (2) - #12 XHHW-2 Copper and #12 Copper Ground in 3/4 inch Schedule 40 PVC conduit installed a minimum of 18 inches below grade.
 - E6 Power to the new Bollards may be joined with power to the existing Bollards in the new ground-mounted junction box.
 - E7 Circuit existing and new Type "B1" Bollards to Circuit A-8 via LCP Relay #3 (single pole).
 - E8 Circuit the existing pole lighting fixture to Circuit A-10,12 via LCP Relay #4 (double pole).
 - E9 New electrical service location and service entrance conduit as requested by the local Electric Utility.



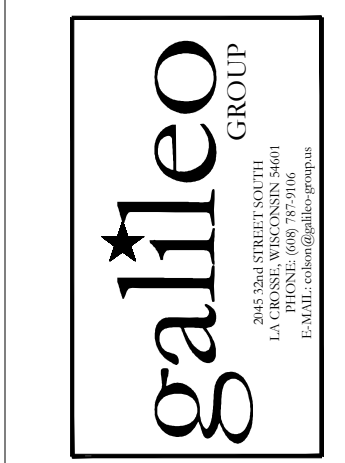
2 "B1" BOLLARD INSTALLATION DETAIL
SCALE: NONE

1 ELECTRICAL SITE PLAN - NEW CONSTRUCTION
SCALE: 3/32" = 1'-0"

PROJECT: **BADGER - HICKEY PARK RESTROOMS & SHELTER**
CITY OF LA CROSSE, WI

DATE: 08/01/24
DRAWN BY: GALILEO
CHECKED BY: GALILEO

PROJECT No: 1576
DRAWING TITLE: ELECTRICAL SITE PLAN AND SITE DETAILS.

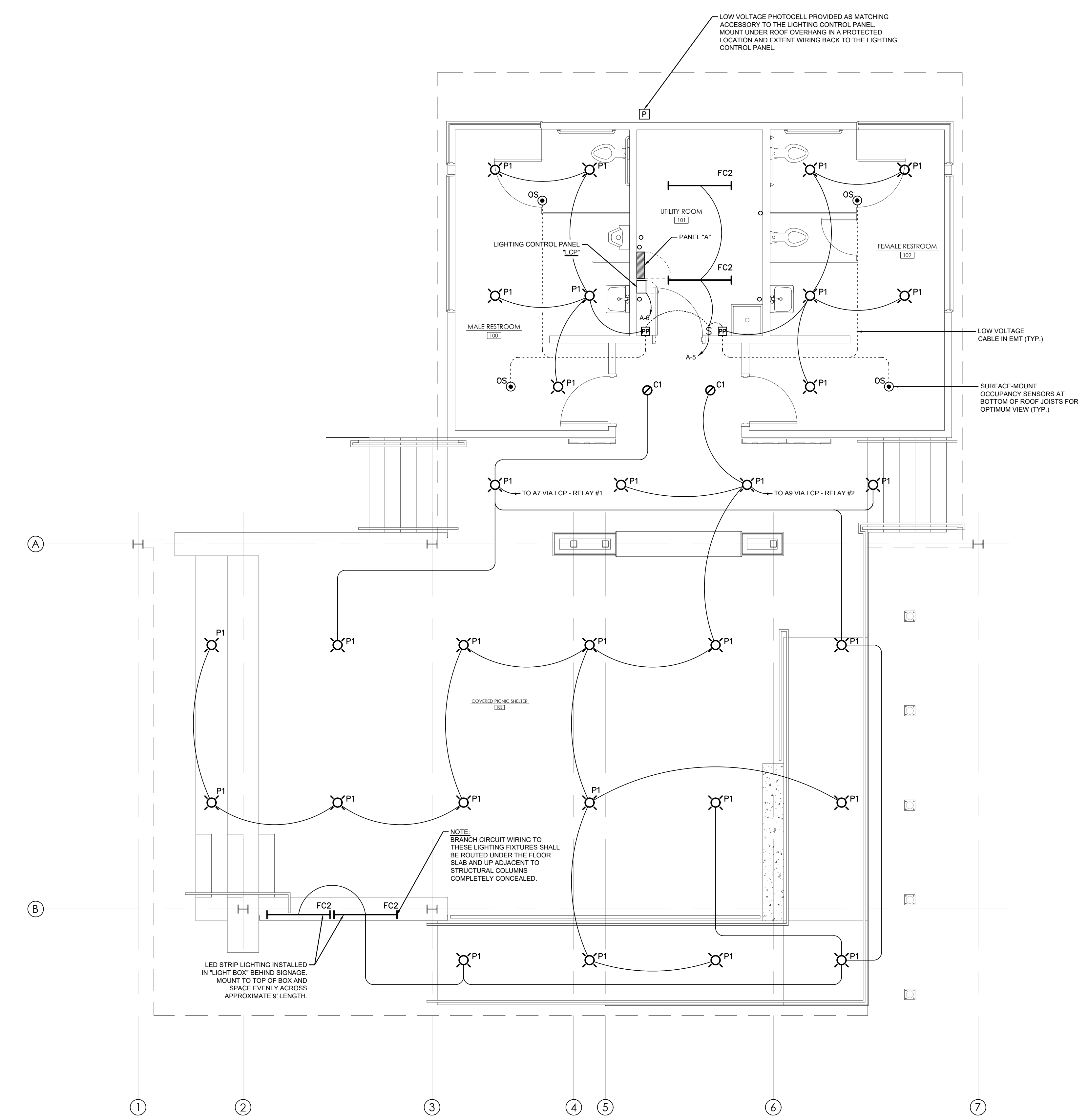


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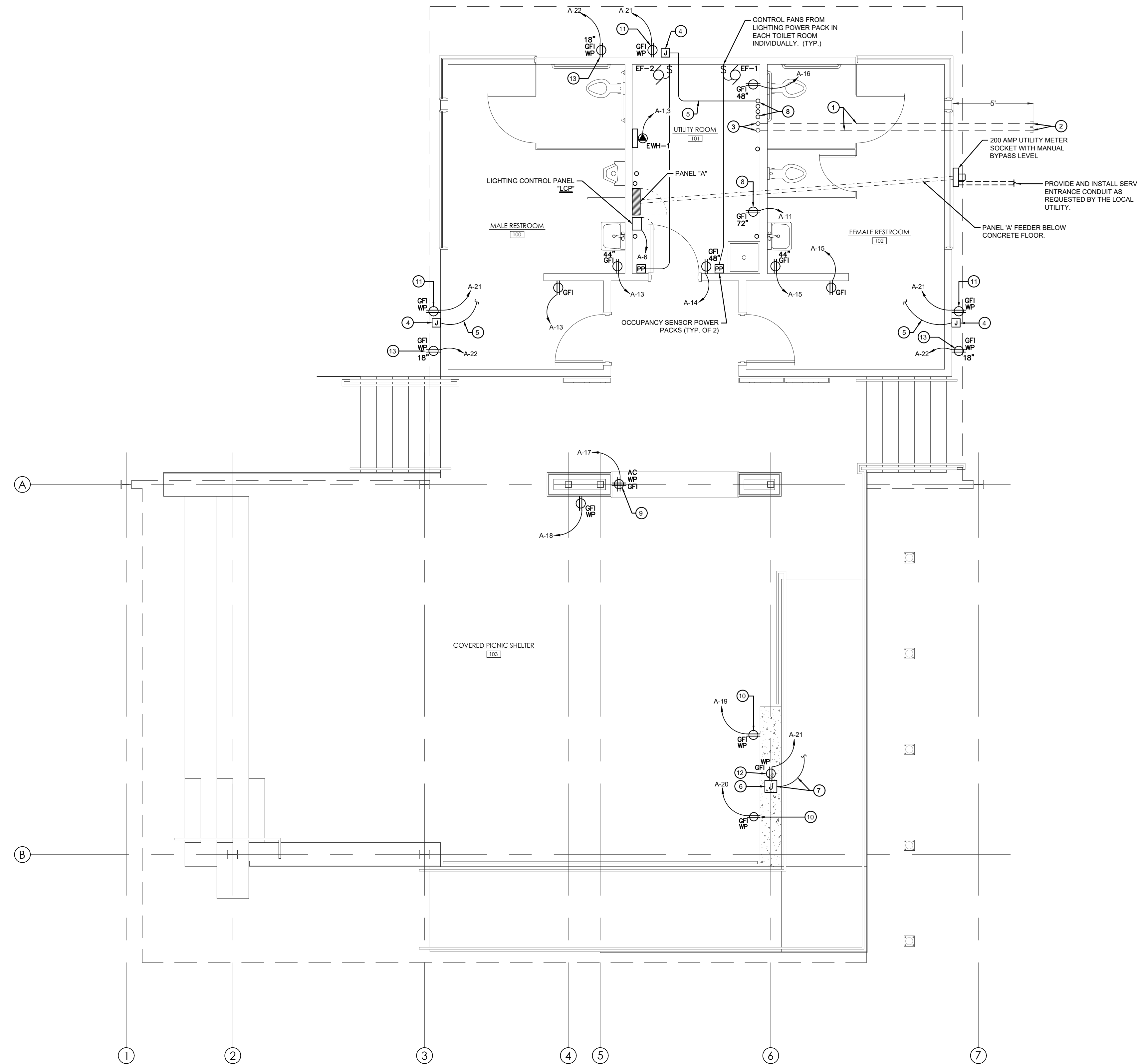
SHEET No
E001

ELECTRICAL LIGHTING PLAN GENERAL NOTES:

A. No exposed conduit will be allowed under the roof deck. The roof deck will be insulated with rigid foam insulation and wood blocking on the top side of the roof deck. All conduit shall be installed on top of the roof deck, cut into the foam insulation, and routed around or through wood blocking. Refer to the Architectural Details.



1 FIRST FLOOR PLAN - LIGHTING
 E100 SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN – POWER
 SCALE: 1/4" = 1'-0"

ELECTRICAL POWER PLAN GENERAL NOTES:

A. No exposed conduit will be allowed under the roof deck. The roof deck will be insulated with rigid foam insulation and wood blocking on the top side of the roof deck. All conduit shall be installed on top of the roof deck, cut into the foam insulation, and routed around or through wood blocking. Refer to the Architectural Details.

- ELECTRICAL POWER PLAN "KEYED" NOTES:**
- The Electrical Contractor shall provide and install two (2) 2 inch Schedule 40 PVC conduit under the floor for communications signal access to the building.
 - Extend the communications service entrance conduit beyond the foundation wall approximately 5 feet and 18 inches below finished grade. Ensure the conduit terminates within a grassy area and not under any permanent paving. Stake the ends of the conduit with wood stakes left 2" below finished grade. Record location of all stakes on the As-Built Drawing Set.
 - Rise communications conduit at this approximate location using long sweep elbows suitable for fiber optic cable. Extend conduit 6 inches above finished floor and terminate with plastic push-on bushings.
 - The Electrical Contractor shall rough-in a single gang electrical outlet box in the wall in close proximity to the roof structure for a future CCTV camera location. Provide and install weather-proof die-cast metal blank cover plate.
 - Home run a 3/4 inch EMT conduit from the future CCTV camera locations to a common location in Utility Room 101. Route as directly as possible above roof deck using long sweep elbows and turns. Pull boxes will be allowed at roof deck penetrations only.
 - The Electrical Contractor shall rough-in a single gang, weather-proof electrical outlet box at the top surface of this cast-in-place concrete wall for a future CCTV camera location. Install 3/4 inch, Schedule 40 PVC conduit in the concrete formwork prior to placement of concrete (by others). Provide and install weather-proof die-cast metal blank cover plate.
 - Home run 3/4 inch, Schedule 40 PVC conduit under the floor slab back to Utility Room 101 and rise up through the floor adjacent to the communications service entrance conduit. Use all long sweep elbows under the floor.
 - Home run all future CCTV conduit to a common location in Utility Room 101 directly above, or directly adjacent to, the communication service entrance conduit. Secure all conduit to the wall in a neat manner. Allow space for future installation of a wall-mounted data equipment cabinet.
 - Verify the preferred elevation of this receptacle with the architectural details, or directly with the Architect prior to any rough-in work.
 - These receptacles will be installed in the cast-in-place concrete wall at 18 inches above finished floor. Use concrete tight outlet boxes. Extend Schedule 40 PVC conduit in the formwork and under the floor slab directly to Panel A.
 - The Electrical Contractor shall provide and install a duplex receptacle immediately adjacent to the future CCTV outlet box to power a camera enclosure heater. Home run to circuit as noted as neatly as possible.
 - The Electrical Contractor shall provide and install a duplex receptacle at the top of the cast-in-place concrete adjacent to the outlet box for the future CCTV camera. Route conduit down through the concrete formwork and underfloor back to Panel A.
 - These receptacles will be installed in the cast-in-place concrete foundation wall at 18 inches above finished grade. Use concrete tight outlet boxes. Extend Schedule 40 PVC conduit in the formwork and under the floor slab directly to Panel A.

MOTOR & EQUIPMENT SCHEDULE

EQUIPMENT REFERENCE I.D.	EQUIPMENT DESCRIPTION	EQUIPMENT LOCATION			MOTOR OR EQUIPMENT REQUIREMENTS AND CHARACTERISTICS							MOTOR STARTERS				DISCONNECT SWITCHES					CONTROL WIRING BY		Branch Circuit or Feeder			REMARKS		
		Room No.	Room Name	Elevation	Motor HP	Equipment Watts	VOLT	PH.	FLA	MCA	MOP	Starter Type	Special Control Device	Provided By	Installed By	Starter Size	Disconnect Type	Provided By	Installed By	NEMA Encl.	Fuse Size	Lockable?	MC	EC	N.C.		Conductor Size	Conduit Min. Size
CP-1	Domestic Water Circulation Pump	101	Utility Room	6'-0"		120	1	1.0		20.0	None					Receptacle	EC	EC					X	2	12	1/2"	12	4, 5
EF-1	In-Line Exhaust Fan	101	Utility Room	8'-0"		120	1	0.5		20.0	None					Manual Toggle	EC	EC	1				X	2	12	1/2"	12	1, 3, 7
EF-2	In-Line Exhaust Fan	101	Utility Room	8'-0"		120	1	0.5		20.0	None					Manual Toggle	EC	EC	1				X	2	12	1/2"	12	1, 3, 7
WH-1	Electric Water Heater	101	Utility Room	6'-0"		120	1	14.0		20.0	None					Receptacle	EC	EC						2	12	1/2"	12	4, 6

- REMARKS:**
1. Make final connection to equipment/motor with flexible metal conduit.
 2. Make final connection to equipment/motor with liquid-tight, flexible metal conduit.
 3. Provide and install a SPST "Motor-rated", 20 amp toggle switch to serve as a disconnect.
 4. Provide and install a NEMA 5-20R dedicated receptacle for this motor/equipment.
 5. The E.C. shall install and wire any control devices supplied for this pump. Coordinate with the Plumbing Contractor.
 6. The E.C. shall provide and install an appliance-rated cord and plug for this water heater to mate with the receptacle.
 7. Exhaust fans will be controlled in parallel with lighting in each Toilet Room via the occupancy sensor power pack.

PANEL A SCHEDULE - 30 Space

PANEL A SCHEDULE - 30 Space												
VOLTAGE: 240/120		PHASE: 1		WIRE: 3		MAIN CAPACITY: 225 AMPERES						
MOUNTING: Surface-mount												
MAIN CONNECTION: 200 Amp Main Circuit Breaker												
CCT NO.	ITEM FED	DIST. WATTS	WIRE SIZE	CIRCUIT BREAKERS SIZE	POLES	PHASE	CIRCUIT BREAKERS SIZE	POLES	WIRE SIZE	DIST. WATTS	CCT NO.	
1	Electric Wall Heater (EWH-1)	2,000		15	2	A					2	
3						B					4	
5	Toilet Rooms and Utility Room Lighting	628	20	1	A	15	1		100		6	
7	Building Lighting (via LCP Relay #1)	398	20	1	B	20	1		224		8	
9	Building Lighting (via LCP Relay #2)	530	20	1	A						10	
11	Water Heater and Circulation Pump Recept.	1,770	20	1	B	20	2		99		12	
13	Toilet Room Receptacles	180	20	1	A	20	1		180		14	
15	Toilet Room Receptacles	180	20	1	B	20	1		180		16	
17	Picnic Area Receptacles	180	20	1	A	20	1		180		18	
19	Picnic Area Receptacles	180	20	1	B	20	1		180		20	
21	CCTV Receptacles	720	20	1	A	20	1		540		22	
23	Spare		20	1	B	20	1				24	
25	Spare		20	1	A	20	1				26	
27											28	
29						A					30	
TOTAL LIGHTING LOAD										1,979 va	Remarks:	
TOTAL RECEPTACLE LOAD										2,700 va		
TOTAL MOTOR LOAD										1,770 va		
ELECTRIC HEATING LOAD										2,000 va		
MISCELLANEOUS LOADS										0 va		
TOTAL CONNECTED LOAD										8,449 va		

PANELBOARD SCHEDULE

PANEL NO.	ROOM NO.	ROOM NAME	MANUFACTURER/TYPE	MTG SIZE				MAINS				BRANCH CIRCUIT BREAKERS										Breaker Space (Based on Square D)	Min. AIC										
				F	S	W	D	SERVICE	AMPS	LUGS	BRKR.	SWITCH	SUB FEED LUGS	NO.	Adjustable Circuit Breaker?	GFCI-Protected?	Max. Amp	Set-Point (Amps)	Standard Thermal Trip	Poles	Shunt Trip Solenoid?			Shunt Trip Voltage	CIRCUIT NUMBERS or DESIGNATION								
A	101	Utility Room	Square D Type NQDD Panelboard 30 Space NEMA 1 ENCLOSURE	X	20"	6"	240/120 VAC SINGLE PHASE 3-WIRE	225		X		1	No	No			200	2	No	Main Circuit Breaker	22.5												
												1	No	No			20	2	No	TVSS Module	10.0												
												1	No	No			15	2	No	See Panelboard Schedule Worksheet	10.0												
												19	No	No			20	1	No	See Panelboard Schedule Worksheet	10.0												
												1	No	No			15	1	No	See Panelboard Schedule Worksheet	10.0												

- REMARKS:**
1. Provide all panelboards with keyed lock and (4) sets of matching keys.

ELECTRIC HEATING EQUIPMENT

EQUIP NO.	EQUIPMENT DESCRIPTION	EQUIPMENT LOCATION	UNIT CONSTRUCTION	EQUIPMENT SPECIFICATION		ELECTRICAL CHARACTERISTICS				PROVIDED BY				INSTALLED BY			WIRING			ACCESSORIES	REMARKS
				MANUFACTURER	MODEL	WATTS	AMPS	VOLT	PH.	MC	EC	MC	EC	N.C.	SIZE	CONDUIT	GRND				
EWH-1	Electric Wall Heater	Utility 101	Surface-mount Electric Wall Heater	Qmark	CWH3404F	2,000	8.3	240	1		X		X	2	12	1/2"	12	A, B	1		

- ACCESSORIES:**
- A. Unit-mounted Disconnect Switch
 - B. Unit-mounted Thermostat
 - C. Wall-mounted Thermostat
 - D. Wall-mounting Bracket
 - E. Ceiling-mounting Bracket

- REMARKS:**
1. Provide optional surface-mounting kit.

EXTERIOR LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	LUMINAIRE REFERENCE ID	CATALOG NUMBER	DESCRIPTION	I.E.S. Distribution Type	VOLT	NO. OF LUMINAIRES PER POLE	LUMINAIRE MOUNTING METHOD	LIGHT SOURCE				POLES								MFG	CATALOG NO.	COLOR	REMARKS
									TYPE	LIGHT OUTPUT	COLOR TEMP.	INPUT WATTAGE	WIND VELOCITY DESIGN	POLE MATERIAL	POLE MOUNTING METHOD	DIRECT BURIAL DEPTH	FOUND. DETAIL	POLE SHAPE	TOTAL POLE LENGTH					
B1	Invue	(Single Luminaire)	ABB-B2-LED-42-D1-S-BK-8030	42 Inch Bollard with LED light source and integral standard LED driver, black painted finish.	Symmetrical	120	1	Anchor to concrete base with integral aluminum flange.	L.E.D.	1,276 Lumens	3,000 K	32	(Not Applicable)	(Not Applicable)	8 Inch Diameter Concrete Base							(None Required)	Black	1, 2, 3

- REMARKS:**
1. No Equal products will be acceptable. This fixture must match other fixtures installed on this property.
 2. Fixture shall be UL Listed for wet locations.
 3. Driver is recommended to be multi-tap (120, 208, 240, 277).

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	EMERGENCY POWER SUPPLY REQUIRED?	VOLT	MOUNTING				LAMPS		LED Light Source				WATTS/ FIXTURE	REMARKS
						F	S	*	NO.	Watt	Type	Lumens	Color	CRI (Min.)	Dimmable		
C1	Fail-Safe	FLDSQ4C-HA-20-D010 F4LC-HA-1-MB	4 Inch square, vandal resistant, recessed lighting fixture with vandal-resistant open trim, medium distribution, self-flanged with matte black reflector finish.		120	X						2,000 (nominal)	3,000K	80	Not Required	23	
FC2	Metalux	4SNX-SL3-LW-UNV-CC83-CD1-U	4" LED Strip light with acrylic lens, field selectable light output and field selectable color temperature.		120		X					6,000 (Nominal)	4,000K	80	Not Required	51	
P1	Gotham	EVO6PC-30/40-AR-BR-LD-WD-MVOLT-GZ10-JBXCC-PCAN-SZ	6 Inch LED round cylinder with field-trimable pendant and 5 degree "hang straight" swivel canopy, matte diffuse reflector finish, integral driver, black painted finish.		120		X					4,000 (Nominal)	3,000K	80	Not Required	39	A

- Remarks:**
- A. Trim pendant as short as possible to allow physical installation between roof rafters. A pendant length no greater than 4 inches is desired.