

PERMIT SET
SOUTH SIDE RESTROOM BUILDING

FACTORY SHOALS PARK
 450 NEWTON FACTORY BRIDGE ROAD
 COVINGTON, GEORGIA 30014
 NEWTON COUNTY

ALPHA BLDG SET 01-15-2026

LOSE
DESIGN
 SPACES FOR LIFE.

THIS DRAWING AND THE DESIGN SHOWN IS THE PROPERTY OF THE ARCHITECT. REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT THEIR WRITTEN CONSENT IS PROHIBITED, AND ANY INFRINGEMENT IS SUBJECT TO LEGAL ACTION.

SHEET NUMBERING SYSTEM		DRAWING INDEX																																																																																																																																																						
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PIERRE, HLA, ASLA, CD</p> <p>STRUCTURAL ENGINEER: WILLIAM J. PELTIER & ASSOCIATES, INC. 2001 HYDE AVENUE NASHVILLE, TENNESSEE 37216 CONTACT: BILL PELTIER</p> <p>MECHANICAL ENGINEER: HARMS ENGINEERING, INC. 800 NASHVILLE DRIVE NASHVILLE, TN 37203 CONTACT: BILL HARMS</p> <p>ELECTRICAL ENGINEER: PARSONS ENGINEERING, INC. 800 NASHVILLE DRIVE, SUITE 100 NASHVILLE, TN 37203 CONTACT: ANTHONY PEZZI</p> <p>CONSULTANTS</p> <p>SHEET TITLE</p> <p>COVER</p> <p>PROJ. NO. 23002-12182025 DRAWN BY: STAFF CHECKED BY: STAFF SIGNED BY: STAFF DRAFTED BY: STAFF</p> <p>A0.00</p>		A0.00	COVER	A0.01	GENERAL NOTES & ABBREVIATIONS	A0.02	GENERAL NOTES & LEGENDS	A0.03	GENERAL DIMENSIONS	A0.04	ADA STANDARDS	A0.05	ADA STANDARDS	A0.06	CODE REVIEW & COMCHECK	A0.11	LIFE SAFETY PLAN	A0.13	PERSPECTIVES	S0.01	GENERAL NOTES	S0.02	GENERAL NOTES	S0.03	GENERAL NOTES	S1.00	ACOUSTICAL TRICLOW	S1.01	FOUNDATION & ROOM FRAMING PLANS	S3.01	SECTIONS & DETAILS	S4.01	TYPICAL SECTIONS & DETAILS	S4.02	TYPICAL SECTIONS & DETAILS	C0.00	COVER	C0.01	GENERAL NOTES	C0.02	SURVEY	C0.03	SURVEY	C0.04	SURVEY	C0.05	SURVEY	C0.06	SURVEY	C0.07	OVERALL DEMOLITION PLAN	C0.21	DEMOLITION PLAN	C0.22	DEMOLITION PLAN	C1.00	OVERALL SITE SERIES	C1.01	SITE SERIES	C1.02	SITE SERIES	C1.03	SITE SERIES	C1.04	SITE SERIES	C1.05	SITE SERIES	C1.06	SITE SERIES	C1.07	SITE SERIES	C1.08	SITE SERIES	C1.09	OVERALL GRADING SERIES	C2.00	GRADING SERIES	C2.01	GRADING SERIES	C2.02	GRADING SERIES ENLARGEMENT	M1.01	HVAC FLOOR PLAN, SECTION 3D PLAN, & SCHEDULES	P1.01	PLUMBING FLOOR PLANS, SECTIONS 3D, & SCHEDULES	PM1.01	HVAC & PLUMBING DETAILS	E1.00	OVERALL ELECTRICAL SITE PLAN	E1.01	ELECTRICAL SITE PLAN	E1.02	ELECTRICAL SITE PLAN, NOTES AND SIGNAGE	E1.03	ELECTRICAL SITE LEGEND, NOTES, RISER & SCHEDULES	E2.01	PLATE PLAN	E3.01	ELECTRICAL LEGEND, NOTES, RISER & SCHEDULES	E3.02	LIGHTING COMCHECK REPORTS	A2.00	RESTROOM FLOOR PLANS	A2.01	RESTROOM ELEVATIONS	A3.00	BUILDING ELEVATIONS	A3.01	REFLECTED CEILING PLAN	A4.00	REFLECTED CEILING PLAN	A7.00	ROOF PLAN	A7.01	DOOR & WINDOW SCHEDULE & DETAILS
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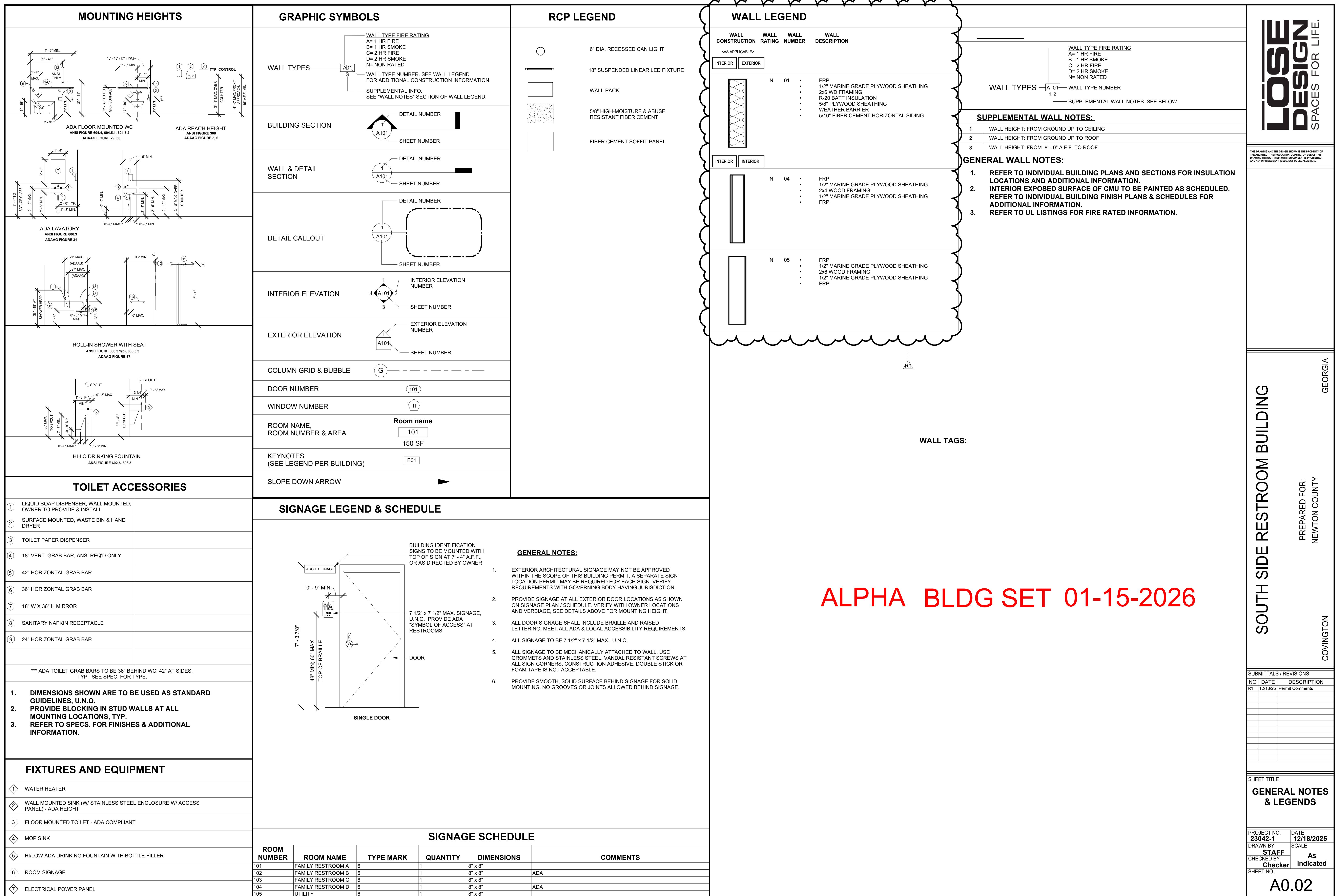
APPROVED
EVAN HICK DATE 1/15/2026

ABBREVIATIONS

A.B. -	ANCHOR BOLTS	FABR. -	FABRICATE	ALUM. -	ALUMINUM
ABV. -	ABOVE	F.A.R. -	FLOOR AREA RATIO	P. LAM. -	PLASTIC LAMINATE
ACT. -	ACOUSTICAL CEILING TILE	F.C.B. -	FIBER CEMENT BOARD	PAR. -	PARALLEL
ADA. -	AMERICANS WITH DISABILITIES ACT OF 1992	F.D. -	FLOOR DRAIN	P.E.B. -	PRE-ENGINEERED BUILDING
ADAAG. -	AMERICANS WITH DISABILITIES ACT ARCHITECTURAL GUIDELINES	F.F. -	FINISHED FLOOR	PERIM. -	PERIMETER
ADJ. -	ADJUSTABLE	F.F.E. -	FINISHED FLOOR ELEVATION	PERP. -	PERPENDICULAR
A.F.F. -	ABOVE FINISHED FLOOR	FIN. -	FINISH, FINISHED	PLAS. -	PLASTER
ALUM. -	ALUMINUM	FLASH. -	FLASHING	P-LAM. -	PLASTIC LAMINATE
APPROX. -	APPROXIMATE	FLG. -	FLOORING	PLBG. -	PLUMBING
ARCH. -	ARCHITECT, ARCHITECTURAL	FLR. -	FLOOR	PLMBG. -	PLUMBING
ASP. -	ASPHALT	FLUOR. -	FLUORESCENT	PLYWD. -	PLYWOOD
ASSEM. -	ASSEMBLE	F.O. -	FINISHED OPENING	PNT. -	PAINT
ASSOC. -	ASSOCIATE	FPRF. -	FIREPROOF	PR. -	PAIR
ASSY. -	ASSEMBLY	FRT. -	FIRE RETARDANT	PREFAB. -	PREFABRICATED
ATC. -	ACOUSTICAL TILE CEILING	F.S. -	FLOOR SINK	PTD. -	PAINTED
ATTEN. -	ATTENUATION	FT. -	FEET	PTN. -	PARTITION
ATM. -	AUTOMATIC TELLER MACHINE	FTG. -	FOOTING	P.V.C. -	POLYVINYL CHLORIDE
AUTO. -	AUTOMATIC	FURN. -	FURNISH, FURNITURE	PWR. -	POWER
BD. -	BOARD	FURR. -	FURRING	Q.T. -	QUARRY TILE, QUART
BDRM. -	BEDROOM	F.V.C. -	FIRE VALVE CABINET	QTR. -	QUARTER
BEL. -	BELOW	GA. -	GAUGE, GAGE	QTY. -	QUANTITY
BETW. -	BETWEEN	GALV. -	GALVANIZED	R. -	RADIUS
BIT. -	BITUMINOUS	G.B. -	GLASS BLOCK	R.C.P. -	REFLECTED CEILING PLAN
BLDG. -	BUILDING	G.C. -	GENERAL CONTRACTOR	R.D. -	ROOF DRAIN
BLK. -	BLOCK	GL. -	GLASS	REBAR. -	REINFORCING BAR
BLKG. -	BLOCKING	GOVT. -	GOVERNMENT	REF. -	REFRIGERATOR
BM. -	BEAM	GYP. BD. -	GYPSUM BOARD	REINF. -	REINFORCEMENT, OR REINFORCE
B.O.S. -	BOTTOM OF STEEL	H.C. -	HOLLOW CORE	REQD. -	REQUIRED
BTM. -	BOTTOM	H.D. -	HEAVY DUTY	R.H. -	RIGHT HAND
BRG. -	BEARING	HDR. -	HEADER	RF. -	RESINOUS FLOOR
BRK. -	BRICK	HW. -	HARDWARE	RM. -	ROOM
BRKT. -	BRACKET	HGR. -	HANGER	R.O. -	ROUGH OPENING
BSMT. -	BASEMENT	HGT. -	HEIGHT	SCHED. -	SCHEDULE
B.W. -	BOTH WAYS	H.M. -	HOLLOW METAL	S.F. -	SQUARE FOOT
C/C -	CENTER TO CENTER	HORIZ. -	HORIZONTAL	SHR. -	SHOWER
CAB. -	CABINET	HR. -	HOUR	SHT. -	SHEET
C.F.C.I. -	CONTRACTOR FURNISHED & CONTRACTOR INSTALLED	HT. -	HEIGHT	SHTHG. -	SHEATHING
C.J. -	CONTROL JOINT	I.D. -	INSIDE DIAMETER	SHWR. -	SHOWER
C.L. -	CENTERLINE	I.M. -	INSULATED METAL	SIM. -	SIMILAR
CL.G. -	CEILING	IN. -	INCH	SPEC. -	SPECIFICATION
CLO. -	CLOSET	INFO. -	INFORMATION	SPECCS. -	SPECIFICATIONS
CLR. -	CLEAR	INSUL. -	INSULATION	SQ. -	SQUARE
C.M.U. -	CONCRETE MASONRY UNIT	INT. -	INTERIOR	S.S. -	STAINLESS STEEL
CNTR. -	CENTER	I.T. -	INFORMATION TECHNOLOGIES	S.T.C. -	SOUND TRANSMISSION CLASS
C.O. -	CASED OPENING	JAN. -	JANITOR	STD. -	STANDARD
COL. -	COLUMN	JST. -	JOIST	STN. -	STAIN
CONC. -	CONCRETE	JT. -	JOINT	STL. -	STEEL
COND. -	CONDITION	L -	ANGLE	STOR. -	STORAGE
CONST. -	CONSTRUCTION	LAM. -	LAMINATE	STRUC. -	STRUCTURAL
CONT. -	CONTINUOUS	LAV. -	LAVATORY	STRUCT. -	STRUCTURAL
CONTR. -	CONTRACTOR	LH. -	LEFT HAND	SUSP. -	SUSPENDED, SUSPEND
CORR. -	CORRIDOR	LNDG. -	LANDING	S.Y. -	SQUARE YARD
CRPT. -	CARPET	LTG. -	LIGHTING	SYM. -	SYMMETRICAL
DBL. -	DOUBLE	LVR. -	LOUVER	SYS. -	SYSTEM
DEG. -	DEGREE	LVT. -	LUXURY VINYL TILE	T. -	TREAD
DEMO. -	DEMOLITION	MAINT. -	MAINTENANCE	T/ -	TOP
DEPT. -	DEPARTMENT	MAS. -	MASONRY	T&B -	TOP AND BOTTOM
DET. -	DETAIL	MATL. -	MATERIAL	T&G -	TONGUE & GROOVE
D.F. -	DRINKING FOUNTAIN	MAX. -	MAXIMUM	TAN. -	TANGENT
D.H. -	DOUBLE HUNG	MECH. -	MECHANICAL	T.O.C. -	TOP OF CURB
DIAG. -	DIAGONAL	MED. -	MEDIUM	TEL. -	TELEPHONE
DIA. -	DIAMETER	MET. -	METAL	THK. -	THICK
DIFF. -	DIFFUSER	MEZZ. -	MEZZANINE	THKNS. -	THICKNESS
DIM. -	DIMENSION	MFR. -	MANUFACTURER	THRESH. -	THRESHOLD
DIMS. -	DIMENSIONS	MIN. -	MINIMUM	THR. -	Thermal
DIV. -	DIVISION	MIR. -	MIRROR	T.O.S. -	TOP OF STEEL
DN. -	DOWN	MISC. -	MISCELLANEOUS	TV. -	TELEVISION
DTL. -	DETAIL	MLDG. -	MOLDING	T.O.W. -	TOP OF WALL
D.S. -	DOWNSPOUT	M.M. -	MILLIMETER	T.P.O. -	TERMO PLASTIC OLEFIN
DWG. -	DRAWING	MEM. -	MEMBRANE	TYP. -	TYPICAL
DWGS. -	DRAWINGS	M.O. -	MASONRY OPENING	U.L. -	UNDERWRITERS' LABORATORIES
D.S. -	DOWNSPOUT	MTD. -	MOUNTED	U.N.O. -	UNLESS NOTED OTHERWISE
EA. -	EACH	MTL. -	MATERIAL	U.O.N. -	UNLESS OTHERWISE NOTED
E.I.F.S. -	EXTERIOR INSULATION AND FINISH SYSTEM	MULL. -	MULLION	UT. -	UTILITY
E.F.O. -	EXTERIOR FACE OF	NO. -	NUMBER	VAT. -	VINYL ASBESTOS TILE
E.J. -	EXPANSION JOINT	NOM. -	NOMINAL	V.B. -	VAPOR BARRIER
ELECT. -	ELECTRICAL	N.I.C. -	NOT IN CONTRACT	V.C.T. -	VINYL COMPOSITION TILE
ELEV. -	ELEVATION	N.T.S. -	NOT TO SCALE	VENT. -	VENTILATE, VENTILATOR
EMER. -	EMERGENCY	O.C. -	ON CENTER	VERT. -	VERTICAL
E.E.W. -	EMERGENCY EYE WASH	OCC. -	OCCUPANT, OCCUPANCY	VEST. -	VESTIBULE
ENGR. -	ENGINEER	O.D. -	OUTSIDE DIAMETER	V.I.F. -	VERIFY IN THE FIELD
ENTR. -	ENTRANCE	O.F. -	OUTSIDE FACE	VNR. -	VENeer
E.O.S. -	EDGE OF SLAB	O.F.O.I. -	OWNER FURNISHED & OWNER INSTALLED	VOL. -	VOLUME
EQ. -	EQUAL	O.F.C.I. -	OWNER FURNISHED & CONTRACTOR INSTALLED	V.P. -	VAPOR PROOF
EQUIP. -	EQUIPMENT	O.H. -	OVERHEAD	V.T. -	VINYL TILE
E.W.C. -	ELECTRIC WATER COOLER	OPNG. -	OPENING	W. -	WIDTH
EXIST. -	EXISTING	OPP. -	OPPOSITE	W/ -	WITH
EXP. -	EXPANSION	O.R. -	OUTSIDE RADIUS	W/O -	WITHOUT
EXT. -	EXTERIOR	O.S.B. -	ORIENTED STRAND BOARD	W.C. -	WATER CLOSET

GENERAL NOTES

1. THESE CONTRACT DOCUMENTS (DRAWINGS AND PROJECT MANUAL/ SPECIFICATIONS) ARE TO BE CONSIDERED AS A "WHOLE" ENTITY. ANY CONTRACTOR, SUBCONTRACTOR, OR VENDOR THAT CHOOSES TO UTILIZE ONLY A "PORTION" OF THE DOCUMENTS TO BID, CONSTRUCT, OR SUPPLY MATERIAL FOR THE PROJECT SHALL ASSUME FULL RESPONSIBILITY FOR RELATED ITEMS THAT MAY BE CONTAINED ELSEWHERE IN THE DOCUMENTS. THE OWNER WILL NOT GRANT ADDITIONAL TIME OR COST FOR CONSEQUENCES THAT MAY RESULT. WHERE THERE IS A CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING. FOR BIDDING PURPOSES, USE THE MORE COSTLY OPTION.
2. THE BUILDING DESIGN, AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS, INDICATES DESIGN INTENT WHICH INCLUDES, BUT IS NOT LIMITED TO, THESE "DRAWINGS" WITH GRAPHIC DEPICTIONS OF THE CONSTRUCTION, NOTES, & DIMENSIONS; THE PROJECT MANUAL WHICH INCLUDES THE GENERAL & TECHNICAL SPECIFICATIONS; AND THE SCHEDULES (AND MAY ALSO BE REFERRED TO AS "THE SPECS" OR "THE SPECIFICATIONS"). THESE TWO DOCUMENTS ARE DEPENDENT ON EACH OTHER AND SHALL BE UTILIZED BY THE CONTRACTOR AS THE INITIAL SET OF CONSTRUCTION DOCUMENTS. ADDENDA, SUPPLEMENTARY DRAWINGS, FIELD REVISIONS, AND ALL OTHER DOCUMENTS PROVIDED DURING THE CONSTRUCTION PROCESS SHALL BE TRANSMITTED AS THEY BECOME RELEVANT. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK UNTIL HAVING A CLEAR UNDERSTANDING OF THE COMPLETE PACKAGE OF DRAWINGS AND SPECS AS LISTED IN THE PROJECT MANUAL.
3. ALL CONSTRUCTION ACTIVITIES SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT ("ADA") AND ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD, FEDERAL REGISTER 36 CFR PARTS 1190 AND 1191, ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES; ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY GUIDELINES; PROPOSED RULE, PUBLISHED IN THE FEDERAL REGISTER ON JULY 23, 2004, WHETHER SHOWN OR IMPLIED.
4. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL MEET ALL APPLICABLE BUILDING CODES, AND THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING **ALL** WORK, MATERIALS, ACCESS, ETC. TO BE IN CONFORMANCE WITH CODE REQUIREMENTS, WHETHER SHOWN, SCHEDULE OR NOT. CONTACT THE BUILDING OFFICIALS AND FIRE DEPARTMENT FOR SCHEDULING OF ALL REQUIRED FIELD INSPECTIONS.
5. THE GENERAL CONTRACTOR IS REQUIRED TO CAREFULLY REVIEW ALL SHOP DRAWINGS, COORDINATE DIFFERENT SUBMITTALS FROM DIFFERENT TRADES, VERIFY EACH FOR COMPLETE DIMENSIONS, DETAIL REFERENCES, AND COORDINATE WITH IN-FIELD CONDITIONS AND OTHER FACTORS THAT MAY IMPACT THE TOTAL PROJECT. THE CONTRACTOR IS REQUIRED TO "FILL-IN" AND CALCULATE MISSING SHOP DRAWING REQUESTED INFORMATION AND DIMENSIONS PER THEIR BEST UNDERSTANDING. THE ARCHITECTURAL AND CONSULTANT'S REVIEW WILL ONLY BE FOR "DESIGN INTENT" AND "VERIFICATION" OF THE SUPPLIED INFORMATION BY THE VENDOR, SUB AND GENERAL CONTRACTOR. SHOP DRAWINGS SUBMITTED BY THE GENERAL CONTRACTOR THAT INDICATE ONLY "ACKNOWLEDGMENT" OR SIMILAR LANGUAGE WILL BE REJECTED AND MARKED FOR RESUBMITTAL.
6. CONTRACTING PARTIES SHALL APPROVE THE SUBSTRATES PREPARED FOR THEIR SYSTEM INSTALLATIONS PRIOR TO BEGINNING THE INSTALLATION OF THEIR SYSTEMS. THEY SHALL REPORT ALL DEFICIENCIES TO THE SUPERINTENDENT, THE GC, AND TO THE ARCHITECT; UPON COMMENCING WITH THE INSTALLATION OF THEIR SYSTEM OVER A SUBSTRATE PREPARED BY THEMSELVES, ANOTHER COMPANY, OR ANOTHER PERSON, (SUB)CONTRACTOR(S) SHALL, BY DEFINITION, BE DEEMED TO HAVE THOROUGHLY INSPECTED AND FORMALLY APPROVED AND ACCEPTED ALL SUBSTRATES OVER WHICH HE INSTALLS HIS SYSTEM(S). THE GC SHALL ALLOW THE NECESSARY TIME IN THE SCHEDULE FOR SUBCONTRACTORS TO INSPECT THESE SUBSTRATES.
7. THE CONTRACTOR IS REQUIRED TO PROVIDE **ALL** LABOR, MATERIAL, AND EQUIPMENT TO "FULLY" CONSTRUCT THE PROJECT, WHETHER SPECIFICALLY DETAILED OR IMPLIED. IF THE CONTRACTOR, AFTER REVIEW OF THE DRAWINGS, DETERMINES ADDITIONAL INFORMATION OR CLARIFICATION IS NEEDED, CONTACT THE ARCHITECT **BEFORE** SUBMITTING CONSTRUCTION COST, SUBMITTING A BID, OR PROCEEDING WITH THE WORK. PROCEEDING WITH WORK WITHOUT APPROVAL IS AT RISK OF NOT BEING ACCEPTED, AND IS SUBJECT TO REPLACEMENT, TO THE SATISFACTION OF THE OWNER, AT CONTRACTOR'S EXPENSE.
8. ALL MATERIALS PROVIDED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION AND AS PER CODE REQUIREMENTS. IF ARCHITECT'S RECOMMENDATIONS CONFLICT WITH THE MANUFACTURER'S, NOTIFY ARCHITECT BEFORE PROCEEDING.
9. THE BUILDING LAYOUT SHALL BE BASED ON THE ARCHITECTURAL, STRUCTURAL, AND ALL ENGINEERING DRAWINGS, AND COORDINATED WITH THE ARCHITECT. THE CONTRACTOR SHALL CHECK ALL GRADES AND FINAL DIMENSIONS "IN THE FIELD" AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
10. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
11. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY DURING CONSTRUCTION. ALL WORK TO BE IN CONFORMANCE WITH OSHA AND LOCAL REQUIREMENTS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SITE SECURITY THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. ANY AND ALL DAMAGE INCURRED THAT IS A RESULT OF THE CONTRACTOR'S FAILURE TO PROPERLY SECURE THE SITE, INCLUDING BUT NOT LIMITED TO: VANDALISM, BROKEN OR DAMAGED ELEMENTS, OR THEFT OF TOOLS AND MATERIALS, WILL BE REPAIRED AND / OR REPLACED AT THE SOLE COST OF THE CONTRACTOR, TO THE SATISFACTION OF THE OWNER.
13. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANIES CONCERNING SCHEDULING AND PLACEMENT OF UTILITIES AND PROVIDED ITEMS SUCH AS SEWER LINES, TRANSFORMERS, POWER POLES, FIRE HYDRANTS, BACK FLOW PREVENTERS, ETC. BEFORE STARTING CONSTRUCTION. COORDINATE ALL SERVICE INTERRUPTION WITH OWNER AT LEAST 3 DAYS PRIOR TO EVENT.
14. DISPOSE OF WASTE MATERIAL IN A LEGALLY APPROVED DUMP SITE. ONCE WASTE MATERIAL LEAVES THE JOB SITE IT BECOMES THE PROPERTY OF THE CONTRACTOR. NO BURNING OF DEBRIS SHALL BE ALLOWED UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION AND OWNER. OWNER HAS FIRST RIGHT OF REFUSAL OF ANY AND ALL EXISTING MATERIAL AND EQUIPMENT.
15. CONTRACTOR SHALL KEEP ALL ADJACENT STREETS FREE OF DEBRIS, MUD, GRAVEL, ETC. OR ANY ITEMS WHICH MAY CAUSE MOTORIST DIFFICULTIES. CONTRACTOR IS REQUIRED TO PERIODICALLY WASH ADJACENT STREET OF CONSTRUCTION DIRT AND DEBRIS.
16. CONTRACTOR SHALL VERIFY LOCATION OF ALL EASEMENTS, SETBACKS, R.O.W. AND PROPERTY CORNERS BEFORE STARTING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH ALL REGULATIONS REGARDING THE USE OF THIS LAND FOR CONSTRUCTION, OPERATIONS AND GRADING. COORDINATE FURTHER WITH CIVIL DRAWING REQUIREMENTS.
17. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AT ALL WALKS, STEPS AND LANDINGS. THERE SHALL BE NO PONDING OF WATER.
18. BUILDING MATERIALS CONTAINING ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE PROHIBITED ON THIS PROJECT.
19. ITEMS REQUIRING FINISH SELECTIONS THAT DO NOT APPEAR IN THE DOCUMENTS SHALL BE SELECTED FROM MANUFACTURER'S PREMIUM COLOR SELECTIONS AND WILL BE SELECTED BY THE ARCHITECT OR OWNER AT A LATER DATE.
20. ALL NEW INTERIOR FIRE RATED PARTITION WALLS SHALL EXTEND TIGHT TO STRUCTURE ABOVE AND SHALL TERMINATE TIGHT AT EXTERIOR SHEATHING. NON-FIRE RATED PARTITIONS SHALL BUTT INTO FACE OF FIRE RATED PARTITION SO THAT FIRE RATING INTEGRITY IS MAINTAINED. SEAL ALL PENETRATIONS WITH APPROPRIATE RATED ASSEMBLIES TO MAINTAIN THE FIRE RATING OF THE INDIVIDUAL PARTITIONS OR WALLS.
21. ALL PARTITIONS ON THIS PROJECT EXTEND FROM THE FLOOR SLAB UPWARD TO THE FLOOR OR ROOF DECK ABOVE UNLESS INDICATED OTHERWISE. PROVIDE ADDITIONAL HORIZONTAL & LATERAL BRACING TO ALL STUD WALLS PER MANUFACTURER'S SPECIFICATIONS.
22. ALL STUD SPACING TO BE MAXIMUM 16" O.C. UNLESS OTHERWISE INDICATED. INTERIOR DIMENSIONS ARE FROM FACE TO FACE OF FINISH AND FACE TO FACE OF CMU MASONRY WALLS, U.N.O.
23. ALL MASONRY VENEER TO BE SUPPORTED BY NON-COMBUSTIBLE MATERIALS. PROVIDE SUFFICIENT CAVITY DRAINAGE, WEEPS, CONTINUOUS THRU-WALL FLASHING AND / OR OTHER WATERTIGHT MEMBRANE SYSTEM(S) DIRECTLY BELOW WEEPS, FLASHING AND COUNTERFLASHING AT ALL OPENINGS, ETC. AS REQUIRED.
24. SLOPE INTERIOR FLOOR AS SHOWN ON PLANS 1/8" PER FOOT MINIMUM, 1/4" PER FOOT MAXIMUM TO ALL INDICATED SPOT FLOOR AND TRENCH DRAINS (GENERALLY FULL ROOM FLOOR SLOPE). THIS INCLUDES BUT IS NOT LIMITED TO: ALL EPOXY FLOORING AND FLOOR TILE FINISHES.
25. THE FLOOR LEVEL ON **BOTH** SIDES OF **ALL** DOORS SHALL BE LEVEL FOR THE WIDTH OF THE DOOR, AND SHALL BE FULLY ADA AND CODE COMPLIANT.
26. ALL DOOR FRAMES, WHICH ARE INTENDED TO HAVE A DOOR WITH A SWING GREATER THAN 90 DEGREES, SHALL BE SET BACK 1/4" FROM THE EXTERIOR WALL FACE ON THE SWING SIDE. PROVIDE STOPS OR CLOSERS AS NECESSARY.
27. ELECTRICAL PANELS, FIRE EXTINGUISHER CABINETS, ETC. LOCATED IN RATED GYPSUM BOARD PARTITIONS SHALL BE BACKED WITH TYPE-X DRYWALL ON FIVE SIDES TO MAINTAIN RATING.
28. ELECTRICAL BOXES LOCATED ON OPPOSITE SIDES OF WALLS OR PARTITIONS SHALL BE SEPAR



CHAPTER 3 2010 BUILDING BLOCKS

CONVENTION	DESCRIPTION
	dimension showing English units (in inches unless otherwise specified) above the line and SI units (in millimeters unless otherwise specified) below the line
	dimension for small measurements
	dimension showing a range with minimum - maximum
min	minimum
max	maximum
>	greater than
≥	greater than or equal to
<	less than
≤	less than or equal to
	boundary of clear floor space or maneuvering clearance
	centerline
	a permitted element or its extension
	direction of travel or approach
	a wall, floor, ceiling or other element cut in section or plan
	a highlighted element in elevation or plan
	location zone of element, control or feature
GRAPHIC CONVENTION FOR FIGURES	
1	$1/2" = 1'-0"$
A0.05	FIGURE 104 CH 1
	CARPET PILE HEIGHT
2	A0.05 1 : 3
FIGURE 302.2	
	VERTICAL CHANGE IN LEVEL
3	A0.05 1 : 3
FIGURE 303.2	
	BEVELED CHANGE IN LEVEL
4	A0.05 1 : 3
FIGURE 303.3	
	MANEUVERING CLEARANCE IN AN ALCOVE, PARALLEL APPROACH
9	A0.05 1/4" = 1'-0"
FIGURE 305.7.2	
	VERTICAL CLEARANCE
14	A0.05 1/4" = 1'-0"
FIGURE 307.4	

CHAPTER 4 2010 ACCESSIBLE ROUTES

19 A0.05 1/4" = 1'-0" **CLEAR WIDTH OF AN ACCESSIBLE ROUTE** FIGURE 403.5.1

20 A0.05 1/4" = 1'-0" **CLEAR WIDTH AT TURN** FIGURE 403.5.2

21 A0.05 1/4" = 1'-0" **CLEAR WIDTH OF DOORWAYS** FIGURE 404.2.3

25 A0.05 1/4" = 1'-0" **MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES** FIGURE 404.2.4.1

26 A0.05 1/4" = 1'-0" **MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES** FIGURE 404.2.4.1

27 A0.05 1/4" = 1'-0" **MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS & GATES** FIGURE 404.2.4.1

NOTES:

- ADA STANDARDS ARE PROVIDED AS REFERENCE ONLY.
- ALL BUILDING COMPONENTS MUST COMPLY WITH ALL ADA GUIDELINES.
- REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN PUBLICATION FOR ADDITIONAL INFORMATION.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR ALL HANDRAILS, TYP.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR OTHER WALL MOUNTED ITEMS AS NEEDED, TYP.

6 CLEAR FLOOR OR GROUND SPACE
E 304.3.2
A0.05 1/4" = 1'-0"
FIGURE 305.3

7 POSITION OF CLEAR FLOOR OR GROUND SPACE
A0.05 1/4" = 1'-0"
FIGURE 305.5

8 MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH
A0.05 1/4" = 1'-0"
FIGURE 305.7.1

11 TOE CLEARANCE
E 306.2
A0.05 1/4" = 1'-0"
FIGURE 306.3

12 LIMITS OF PROTRUDING OBJECTS
A0.05 1/4" = 1'-0"
FIGURE 307.2

13 POST-MOUNTED PROTRUDING OBJECTS
A0.05 1/4" = 1'-0"
FIGURE 307.3

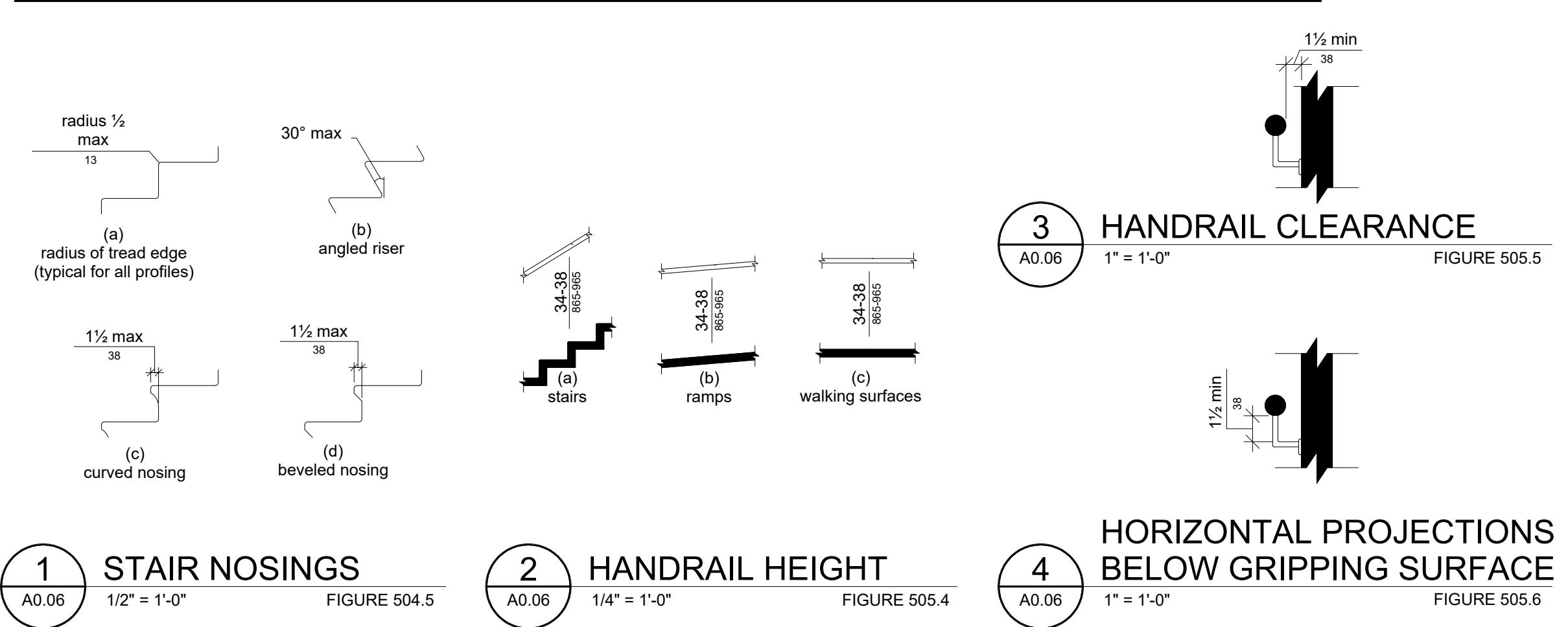
16 OBSTRUCTED HIGH FORWARD REACH
WARD
E 308.2.1
A0.05 1/4" = 1'-0"
FIGURE 308.2.2

17 UNOBSTRUCTED SIDE REACH
A0.05 1/4" = 1'-0"
FIGURE 308.3.1

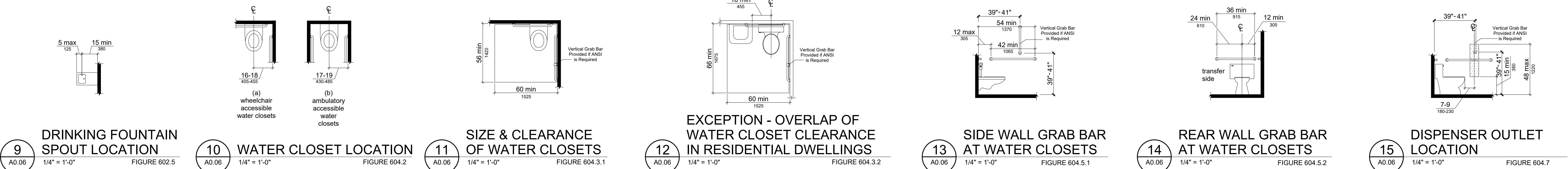
18 OBSTRUCTED HIGH SIDE REACH
A0.05 1/4" = 1'-0"
FIGURE 308.3.2

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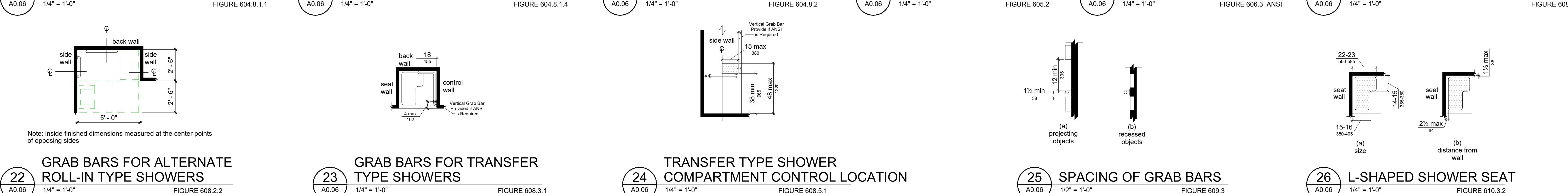
CHAPTER 5 2010 GENERAL SITE AND BUILDING ELEMENTS



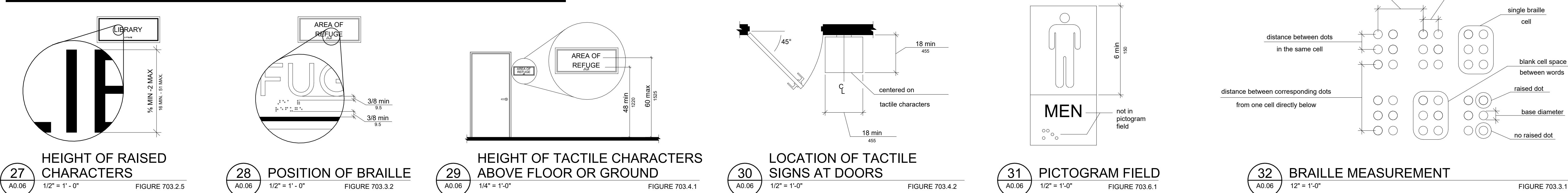
CHAPTER 6 2010 PLUMBING ELEMENTS AND FACILITIES



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CHAPTER 7 2010 COMMUNICATION ELEMENTS AND FEATURES



NOTES:

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- REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN PUBLICATION FOR ADDITIONAL INFORMATION.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR ALL HANDRAILS, TYP.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR OTHER WALL MOUNTED ITEMS AS NEEDED, TYP.

LÖSE DESIGN SPACES FOR LIFE

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14

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NEWTON COUNTY

SUBMITTALS / REVISIONS

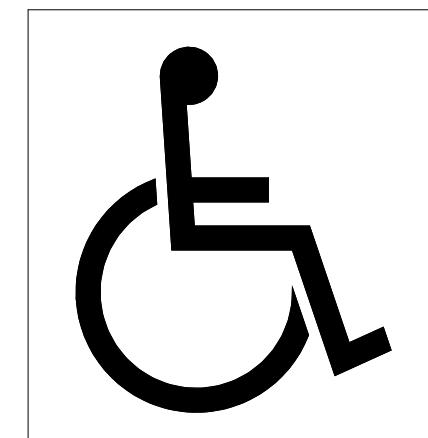
STREET TITLE **ADA STANDARD**

PROJECT NO. 00-12-1 DATE 12/12/20

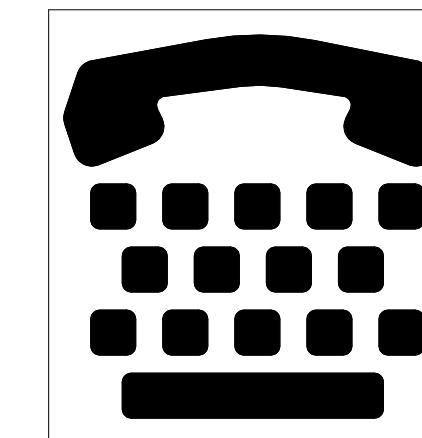
3042-1	12/18/20
AWN BY STAFF	SCALE As indicated
ECKED BY SG	
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A0.06

CHAPTER 7 CONT. 2010 COMMUNICATION ELEMENTS AND FEATURES



1 INTERNATIONAL SYMBOL OF ACCESSIBILITY
A0.07 12" = 1'-0"



2 INTERNATIONAL TTY SYMBOL
A0.07 12" = 1'-0"
FIGURE 703.7.2.1



3 VOLUME-CONTROLLED TELEPHONE
A0.07 12" = 1'-0"
FIGURE 703.7.2.3



4 INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS
A0.07 12" = 1'-0"
FIGURE 703.7.2.4

NOTES:

- ADA STANDARDS ARE PROVIDED AS REFERENCE ONLY.
- ALL BUILDING COMPONENTS MUST COMPLY WITH ALL ADA GUIDELINES.
- REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN PUBLICATION FOR ADDITIONAL INFORMATION.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR ALL HANDRAILS, TYP.
- PROVIDE BLOCKING AT ALL STUD WALLS FOR OTHER WALL MOUNTED ITEMS AS NEEDED, TYP.

LOSE
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GEORGIA

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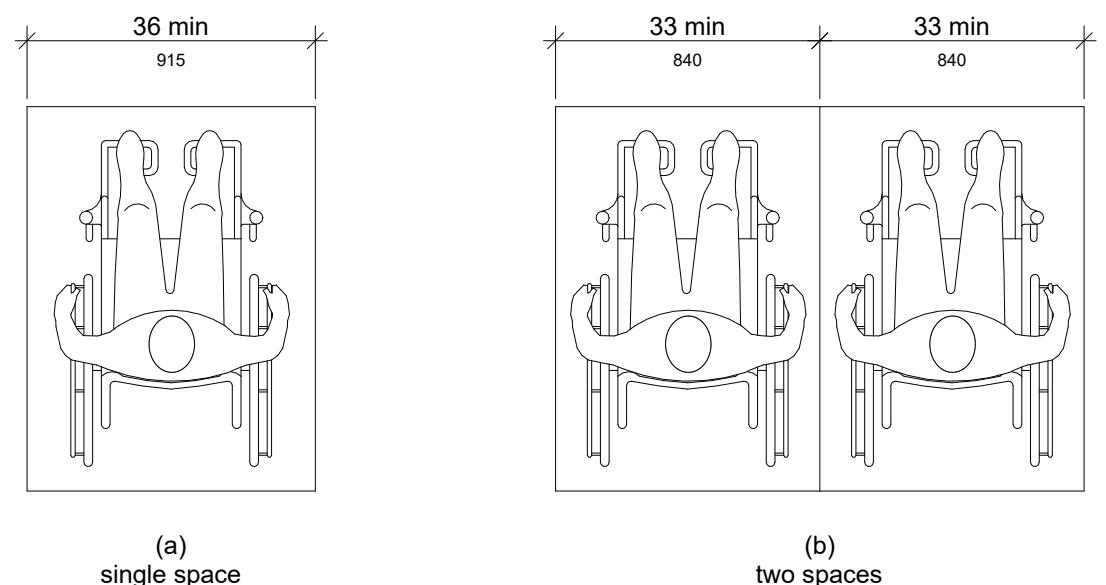
COVINGTON

SUBMITTALS / REVISIONS
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SHEET TITLE
ADA STANDARDS

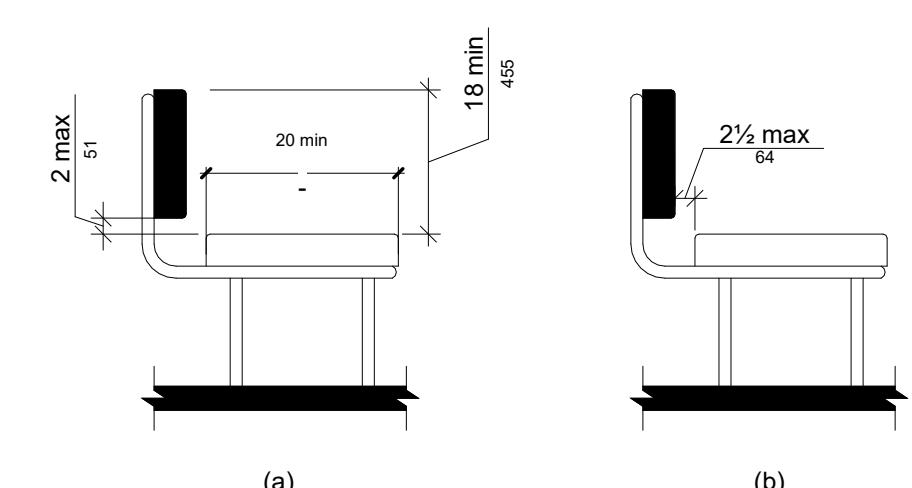
PROJECT NO. 23042-1 DATE 12/18/2025
DRAWN BY STAFF
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CHECKED BY SG As indicated
SHEET NO.

CHAPTER 8 2010 SPECIAL ROOMS, SPACES, AND ELEMENTS

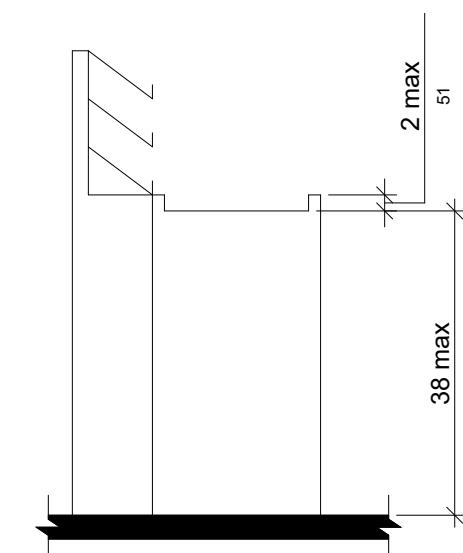


5 WIDTH OF WHEELCHAIR SPACES IN ASSEMBLY AREAS
A0.07 1/2" = 1'-0"
FIGURE 802.1.2

CHAPTER 9 2010 BUILT-IN ELEMENTS

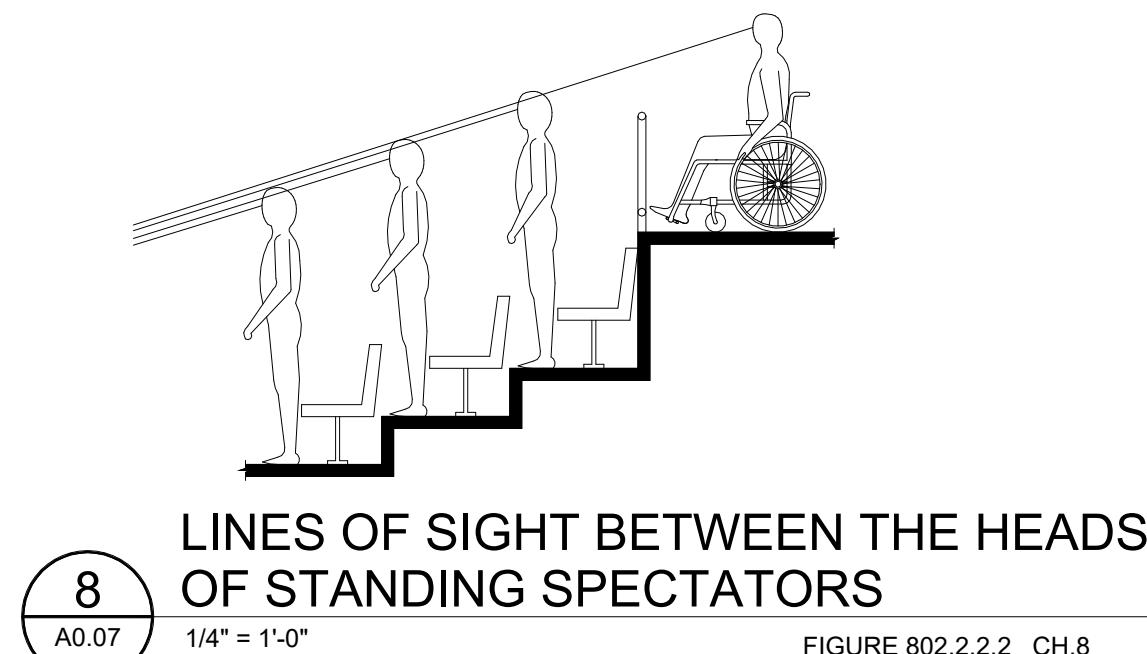


6 BENCH BACK SUPPORT
A0.07 1/2" = 1'-0"
FIGURE 903.4

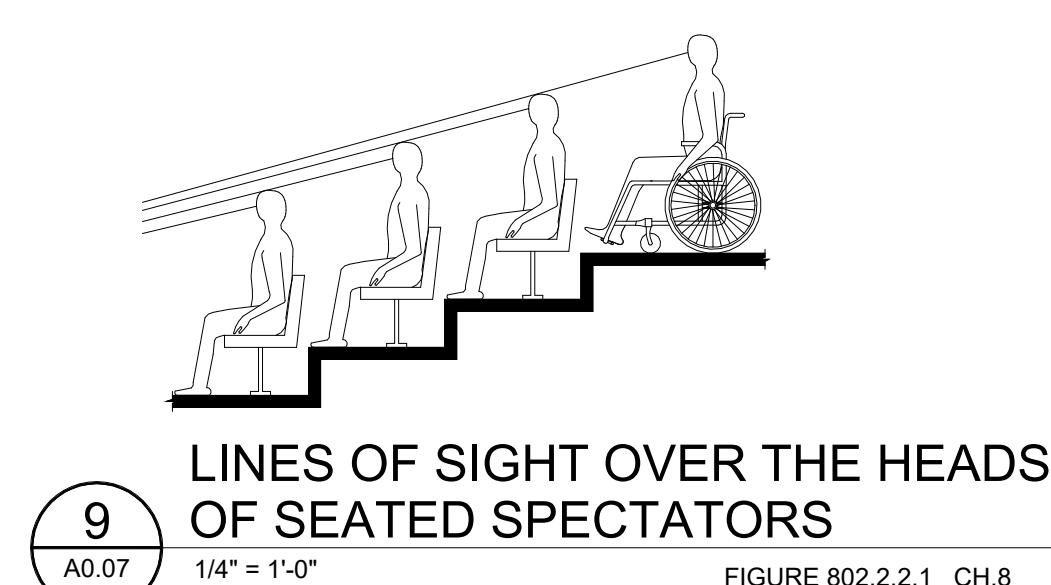


7 CHECK-OUT AISLE COUNTERS
A0.07 1/2" = 1'-0"
FIGURE 904.3.2

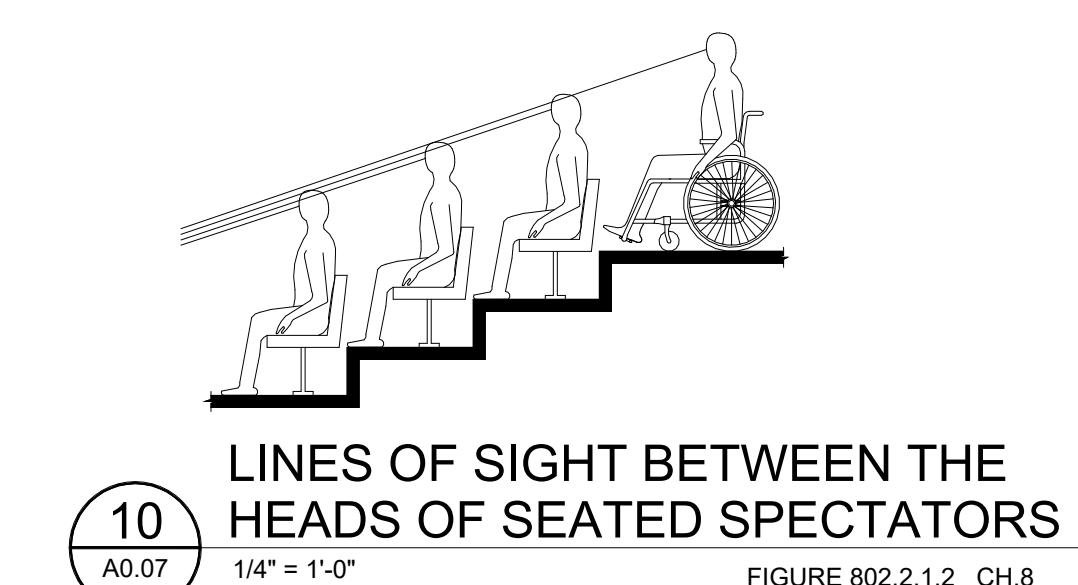
MISCELLANEOUS 2010 ADA



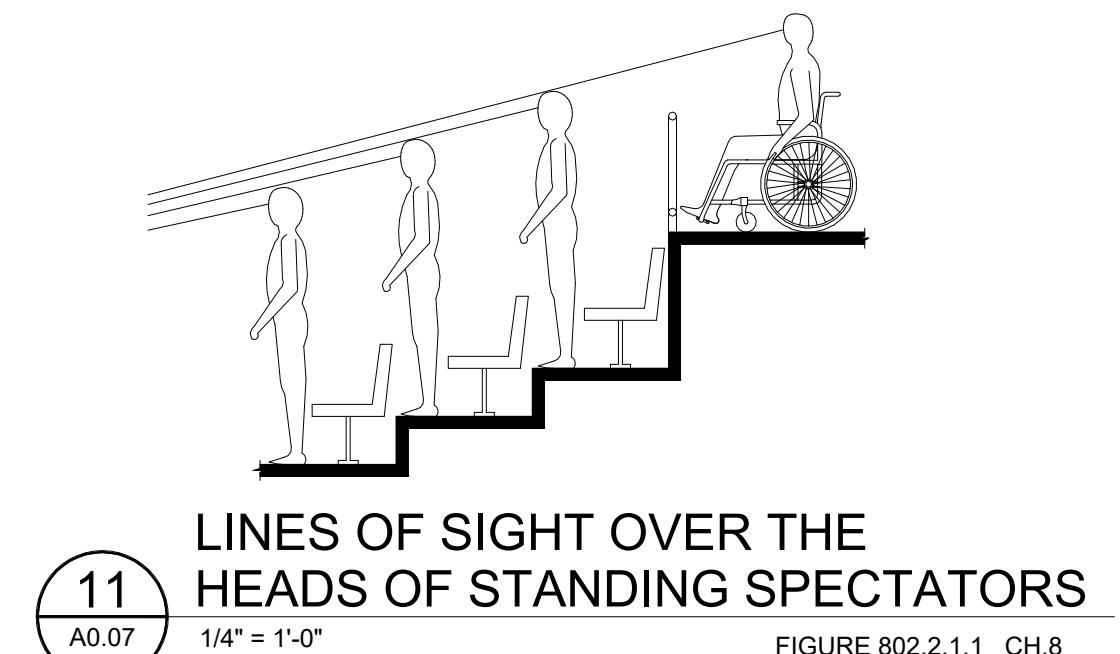
8 LINES OF SIGHT BETWEEN THE HEADS OF STANDING SPECTATORS
A0.07 1/4" = 1'-0"
FIGURE 802.2.2 CH.8



9 LINES OF SIGHT OVER THE HEADS OF SEATED SPECTATORS
A0.07 1/4" = 1'-0"
FIGURE 802.2.2.1 CH.8



10 LINES OF SIGHT BETWEEN THE HEADS OF SEATED SPECTATORS
A0.07 1/4" = 1'-0"
FIGURE 802.2.1.2 CH.8



11 LINES OF SIGHT OVER THE HEADS OF STANDING SPECTATORS
A0.07 1/4" = 1'-0"
FIGURE 802.2.1.1 CH.8

A0.07

CODE REVIEW

I. APPLICABLE CODES		
2. 2018 INTERNATIONAL BUILDING CODE W/ 2020, 2022, 2024 AND 2025 GEORGIA AMENDMENTS		
3. 2015 INTERNATIONAL ENERGY CONSERVATION CODE W/ 2020, 2022 AND 2023 GEORGIA STATE SUPPLEMENTS AND AMENDMENTS		
4. ICC / ANSI A11.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES		
5. GEORGIA ACCESSIBILITY CODE CHAPTER 120-3-30 (.01-.08) W/ 2022 GEORGIA STATE FIRE COMMISSIONER AMENDMENTS 120-3-3-08 THROUGH .11 - 2010 ADA STANDARD FOR ACCESSIBLE DESIGN		
6. 2018 INTERNATIONAL PLUMBING CODE W/ 2020, 2022, 2023 AND 2024 GEORGIA AMENDMENTS		
7. 2018 INTERNATIONAL MECHANICAL CODE W/ 2020 AND 2024 GEORGIA AMENDMENTS		
8. 2018 INTERNATIONAL GAS CODE W/ 2020 AND 2022 GEORGIA AMENDMENTS		
9. 2023 NFPA 70 NATIONAL ELECTRICAL CODE		
10. 2018 INTERNATIONAL FIRE CODE W/ 2022 GEORGIA STATE FIRE COMMISSIONER AMENDMENTS 120-3-3-04		
11. 2018 INTERNATIONAL LIFE SAFETY CODE W/ 2022 GEORGIA STATE FIRE COMMISSIONER AMENDMENTS 120-3-3-04		
12. 2019 NFPA 13 FIRE SPRINKLER SYSTEMS W/ 2022 GEORGIA STATE FIRE COMMISSIONER AMENDMENTS		

II. OCCUPANCY TYPES

1. NORTHERN RESTROOM BUILDING:	UTILITY/MISCELLANEOUS GROUP	(IBC 312)
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III. CONSTRUCTION TYPE (IBC TABLE 601):

1. NORTHERN RESTROOM BUILDING:	TYPE V-B (UN-PROTECTED, SPRINKLED), IBC 602.5
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IV. BUILDING HEIGHT AND AREAS (IBC TABLE 503 AND 506)

A. BUILDING HEIGHT:	MAXIMUM ALLOWED / ACTUAL PROVIDED:	MAXIMUM ALLOWED / ACTUAL PROVIDED:
---------------------	------------------------------------	------------------------------------

1. ACTUAL: NORTHERN RESTROOM BUILDING: 40' - 0" / 13' - 7" 1 STORY / 1 STORY

B. BUILDING AREAS (B - BUSINESS GROUP):

ACTUAL CONSTRUCTED AREA CALCULATIONS:	QUANTITY	MAXIMUM AREA ALLOWED / ACTUAL PROVIDED AREA: (PER BUILDING - GROSS SF)
1. NORTHERN RESTROOM BUILDING	1	5,500 SF / 225 SF

VI. CONSTRUCTION REQUIREMENTS (LSC TABLE A.8.2.1.2, IBC TABLE 601 & 602, IBC 705)

1. FIRE RESISTANCE FOR PRIMARY STRUCTURAL FRAME (IBC TABLE 601):
TYPE V-B: 0 HR.

2. FIRE RESISTANCE FOR EXTERIOR AND INTERIOR BEARING WALLS (IBC TABLE 601): e,f
TYPE V-B: 0 HR.

3. FIRE RESISTANCE FOR EXTERIOR NON-BEARING WALLS AND PARTITIONS: H
TYPE V-B: 1 HR FOR FIRE SEPARATION DISTANCE OF LESS THAN 5 FT. (IBC TABLE 602). H
TYPE V-A: 1 HR FOR FIRE SEPARATION DISTANCE OF GREATER THAN 5 FT TO LESS THAN 10 FT. (IBC TABLE 602). H
TYPE V-B: 0 HR FOR FIRE SEPARATION DISTANCE OF GREATER THAN 10 FT TO LESS THAN 30 FT. (IBC TABLE 602). H
TYPE V-B: 0 HR FOR FIRE SEPARATION DISTANCE OF GREATER THAN 30 FT. (IBC TABLE 602). H

4. FIRE RESISTANCE FOR INTERIOR NON-BEARING WALLS AND PARTITIONS: d
TYPE V-B: 0 HR (IBC TABLE 601).

5. FIRE RESISTANCE FOR FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (FLOOR/CEILING CONSTRUCTION INCLUDING SUPPORTING BEAMS & JOIST):
TYPE V-B: 0 HR.

6. FIRE RESISTANCE FOR ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (IBC TABLE 601):
TYPE V-B: 0 HR.

PER IBC TABLE 601 AND 602:

- a. ROOF SUPPORTS: FIRE-RESISTANCE RATINGS OF PRIMARY STRUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCE BY 1 HOUR WHERE SUPPORTING A ROOF ONLY.
- b. EXCEPT IN GROUP F-1, H, M, AND S-1 OCCUPANCIES, FIRE PROTECTION OF STRUCTURAL MEMBERS SHALL NOT BE REQUIRED, INCLUDING PROTECTION OF ROOF FRAMING AND DECKING WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20 FT OR MORE ABOVE ANY FLOOR IMMEDIATELY BELOW. FIRE-RETARDANT-TREATED WOOD MEMBERS SHALL BE ALLOWED TO BE USED FOR SUCH UNPROTECTED MEMBERS.
- c. IN ALL OCCUPANCIES, HEAVY TIMBER SHALL BE ALLOWED WHERE A 1-HOUR LESS FIRE-RESISTANCE RATING IS REQUIRED.
- d. AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1 SHALL BE ALLOWED TO BE SUBSTITUTED FOR 1-HOUR FIRE RESISTANCE CONSTRUCTION, PROVIDED SUCH SYSTEM IS NOT OTHERWISE REQUIRED BY OTHER PROVISIONS OF THE CODE OR USED FOR AN ALLOWABLE AREA INCREASE IN ACCORDANCE WITH SECTION 506.3 OR AN ALLOWABLE HEIGHT INCREASE IN ACCORDANCE WITH SECTION 504.2. THE 1-HOUR SUBSTITUTION FOR THE FIRE RESISTANCE OF EXTERIOR WALLS SHALL NOT BE PERMITTED.
- e. NOT LESS THAN THE FIRE-RESISTANCE RATING REQUIRED BY OTHER SECTIONS OF THIS CODE.
- f. NOT LESS THAN THE FIRE-RESISTANCE RATING BASED ON FIRE SEPARATION DISTANCE (PER IBC TABLE 602).
- g. NOT LESS THAN THE FIRE-RESISTANCE RATING AS REFERENCED IN SECTION 704.10.
- A. LOAD-BEARING EXTERIOR WALLS SHALL ALSO COMPLY WITH THE FIRE-RESISTANCE RATING REQUIREMENTS OF IBC TABLE 601.
- B. FOR SPECIAL REQUIREMENTS FOR GROUP U OCCUPANCIES, SEE SECTION 406.3.
- C. SEE SECTION 705.1.1 FOR PARTY WALLS.
- D. OPEN PARKING GARAGES COMPLYING WITH SECTION 406 SHALL NOT BE REQUIRED TO HAVE A FIRE-RESISTANCE RATING.
- E. THE FIRE-RESISTANCE RATING OF AN EXTERIOR WALL IS DETERMINED BASED UPON THE FIRE SEPARATION DISTANCE OF THE EXTERIOR WALL AND THE STORY IN WHICH THE WALL IS LOCATED.
- F. FOR SPECIAL REQUIREMENTS FOR GROUP H OCCUPANCIES, SEE SECTION 415.5.
- G. FOR SPECIAL REQUIREMENTS FOR GROUP S AIRCRAFT HANGARS, SEE SECTION 412.4.1.
- H. WHERE TABLE 705.8 PERMITS NONBEARING EXTERIOR WALLS WITH UNLIMITED AREA OF UNPROTECTED OPENINGS, THE REQUIRED FIRE-RESISTANCE RATING FOR THE EXTERIOR WALLS IS 0 HOURS.

VII. LIFE SAFETY CONSIDERATIONS (SEE LIFE SAFETY PLANS)

A. ALLOWED OCCUPANT LOADS = (IBC TABLE 1004.1.2)
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM : 300 GROSS
LOCKER ROOMS : 50 GROSS

BUILDING	OCCUPANCY (PER STRUCTURE)	QUANTITY	TOTAL OCCUPANCY (PER BUILDING TYPE)
1. NORTHERN RESTROOM BUILDING:	5	1	5
TOTAL BUILDING OCCUPANCY =			5 OCCUPANTS

B. EXIT DOOR CLEAR OPENING WIDTHS (LSC 7.2.1.2.3, IBC TABLE 1005.1):
SERVING < 210 OCC. = 32 INCHES MIN. CLEAR.
MIN. 36 INCHES PROVIDED AT EACH DOOR, TYP. - OCCUPANCY VARIES BETWEEN BUILDINGS. TABULAR OCCUPANCY CLEARANCES ARE APPROPRIATE FOR EACH STRUCTURE.

C. DEAD END LIMITS = 20 FT (LSC TABLE A.7.6). NONE PROVIDED.

D. TRAVEL DISTANCE LIMITS: (IBC TABLE 1016.2)
OCCUPANCY TYPE U
UN-SPRINKLED : 300 FT. MAX DISTANCE
10' - 0" MAX PROVIDED AT NORTHERN RESTROOM BUILDING

E. CORRIDORS: (IBC TABLE 1018.2)
WIDTH MINIMUM - 44"
NONE PROVIDED

G. NEW FIRE HYDRANTS TO BE PROVIDED WITHIN 200 FT. HOSE-LAY OF ALL BUILDINGS. REFER TO CIVIL DRAWINGS.

VIII. INTERIOR FINISH (IBC TABLE 803.13)

IBC TABLE 803.13 REQUIRED NO REQUIREMENT IN SPACES ACTUAL

IX. ROOF COVERINGS (IBC TABLE 1505.1)

A. CLASS C MIN. FOR CONSTRUCTION TYPE V-B (IBC TABLE 1505.1); ACTUAL = STANDING SEAM METAL PANEL SYSTEM TO COMPLY WITH 1505.4

**NOTE: ALL INFORMATION PROVIDED ON THIS PAGE APPLIES ONLY TO THE ARCHITECTURAL PROJECT SCOPE,
I.E. AREAS LOCATED WITHIN THE BUILT STRUCTURES INDICATED IN THE VOLUME III DRAWINGS.
THESE TOTALS DO NOT INCLUDE SPORTS FIELDS AND OTHER OUTDOOR ENVIRONMENTS / ACTIVITIES
WITHIN THE OVERALL PARK. FOR ADDITIONAL INFORMATION, SEE CIVIL.**

COMCHECK

COMcheck Software Version COMcheckWeb Envelope Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: 23042-1 Restroom Building
Location: Covington, Georgia
Climate Zone: 3a
Project Type: New Construction
Vertical Glazing / Wall Area: 1%

Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
High Performance SWH, 1.0 credit

Building Area	Floor Area
1-Restroom Facility (Office) : Nonresidential	225

Envelope Assemblies

Assembly	Gross Area Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor
Floor: Unheated Slab-On-Grade, Horizontal with vertical 1 ft. [Bldg. Use 1 - Restroom Facility] (c)	261	—	0.0	0.730	0.730
Roof: Attic Roof, Wood Joists, [Bldg. Use 1 - Restroom Facility]	435	38.0	0.0	0.027	0.027
NORTH					
Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Restroom Facility]	373	20.0	0.0	0.064	0.064
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Restroom Facility]	24	—	—	0.570	0.610
Window: Metal Frame: Fixed, Perf. Specs.: Product ID n/a, SHGC 0.25, [Bldg. Use 1 - Restroom Facility] (b)	11	—	—	0.380	0.460
EAST					
Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Restroom Facility]	61	20.0	0.0	0.064	0.064
SOUTH					
Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Restroom Facility]	373	20.0	0.0	0.064	0.064
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Restroom Facility]	95	—	—	0.570	0.610
WEST					
Ext. Wall: Wood-Framed, 16in. o.c., [Bldg. Use 1 - Restroom Facility]	61	20.0	0.0	0.064	0.064

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Project Title: 23042-1 Restroom Building
Data filename: Report date: 11/19/25
Page 1 of 8

Project Title: 23042-1 Restroom Building
Data filename: Report date: 11/19/25
Page 2 of 8

LOSEN DESIGN
SPACES FOR LIFE.

PLACE STAMP HERE
PLACE STAMP HERE

PREPARED FOR:
NEWTON COUNTY
COVINGTON

SHEET TITLE
CODE REVIEW & COMCHECK
PROJECT NO. 23042-1 DATE 12/18/2025
DRAWN BY STAFF 1/4" = 1'-0"
CHECKED BY SG SHEET NO. A0.10
NOTE: ALL INFORMATION PROVIDED ON THIS PAGE APPLIES ONLY TO THE ARCHITECTURAL PROJECT SCOPE,
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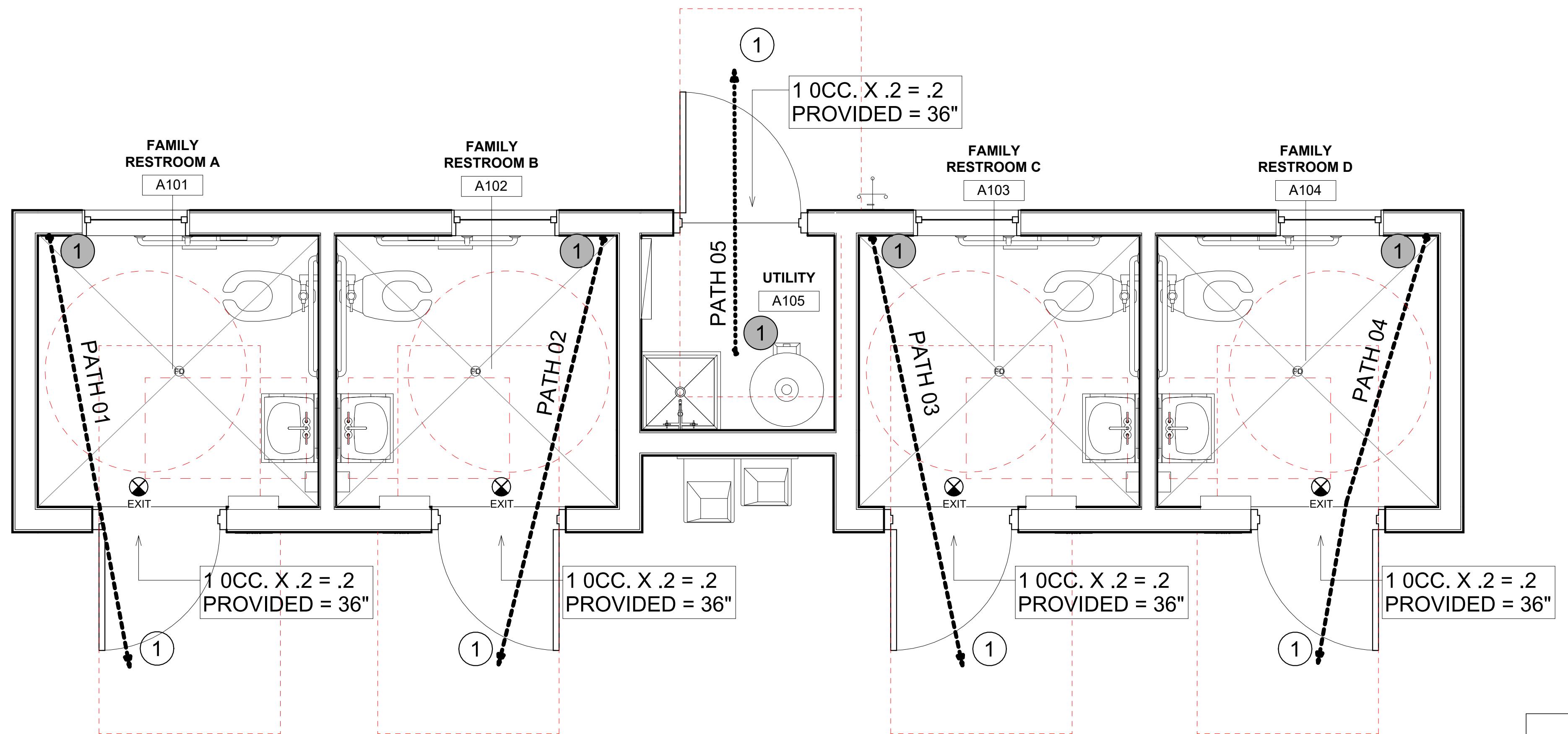
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NEWTON COUNTY

COVINGTON

SOUTHSIDE RESTROOM BUILDING



1
A0.11 LIFE SAFETY PLAN
1/2" = 1'-0"

Path of Travel Schedule	
Mark	Length
PATH 01	10' - 10"
PATH 02	10' - 10 1/2"
PATH 03	10' - 9 3/4"
PATH 04	10' - 11"
PATH 05	6' - 11 3/4"

ROOM OCCUPANCY LOAD					
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY TYPE	S.F. PER OCCUPANT	OCCUPANCY LOAD
A101	FAMILY RESTROOM A	47 SF	LOCKER ROOMS	50	1
A102	FAMILY RESTROOM B	47 SF	LOCKER ROOMS	50	1
A103	FAMILY RESTROOM C	47 SF	LOCKER ROOMS	50	1
A104	FAMILY RESTROOM D	47 SF	LOCKER ROOMS	50	1
A105	UTILITY	23 SF	LOCKER ROOMS	50	1
Grand total: 5		211 SF			5

LIFE SAFETY LEGEND

FIRE EXTINGUISHERS WITH 75' - 0" TRAVEL RADIUS
(INDICATED BY DASHED CIRCLE)

DENOTES PORTABLE FIRE EXTINGUISHER LOCATION - ONE PROVIDED
ALL ACCESS POINTS ARE WITHIN 75 FT OF TRAVEL DISTANCE

MAXIMUM OCCUPANCY PER ROOM TABULATION

AT GRADE EGRESS DISCHARGE TABULATION

MAXIMUM TRAVEL DIST.

MINIMUM ADA CLEARANCES AT DOOR PER ADAAG

MINIMUM ADA CLEARANCES AT FIXTURES PER ADAAG

SUBMITTALS / REVISIONS
NO DATE DESCRIPTIONSHEET TITLE
LIFE SAFETY
PLAN

PROJECT NO. 23042-1 DATE 12/18/2025
DRAWN BY STAFF
CHECKED BY Checker As indicated
SHEET NO.

A0.11

NOTE: PERSPECTIVES ARE FOR REFERENCE ONLY

ALPHA BLDG SET 01-15-2026



SOUTH SIDE RESTROOM BUILDING

**PREPARED FOR:
NEWTON COUNTY**

GEORGIA

LOSE DESIGN

SPACES FOR LIFE.

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SUBMITTALS / REVISIONS

SHEET TITLE
PERSPECTIVES

PROJECT NO.	DATE
23042-1	12/18/2022
DRAWN BY	SCALE
CL	
CHECKED BY	
BC	
SHEET NO.	

A0.50

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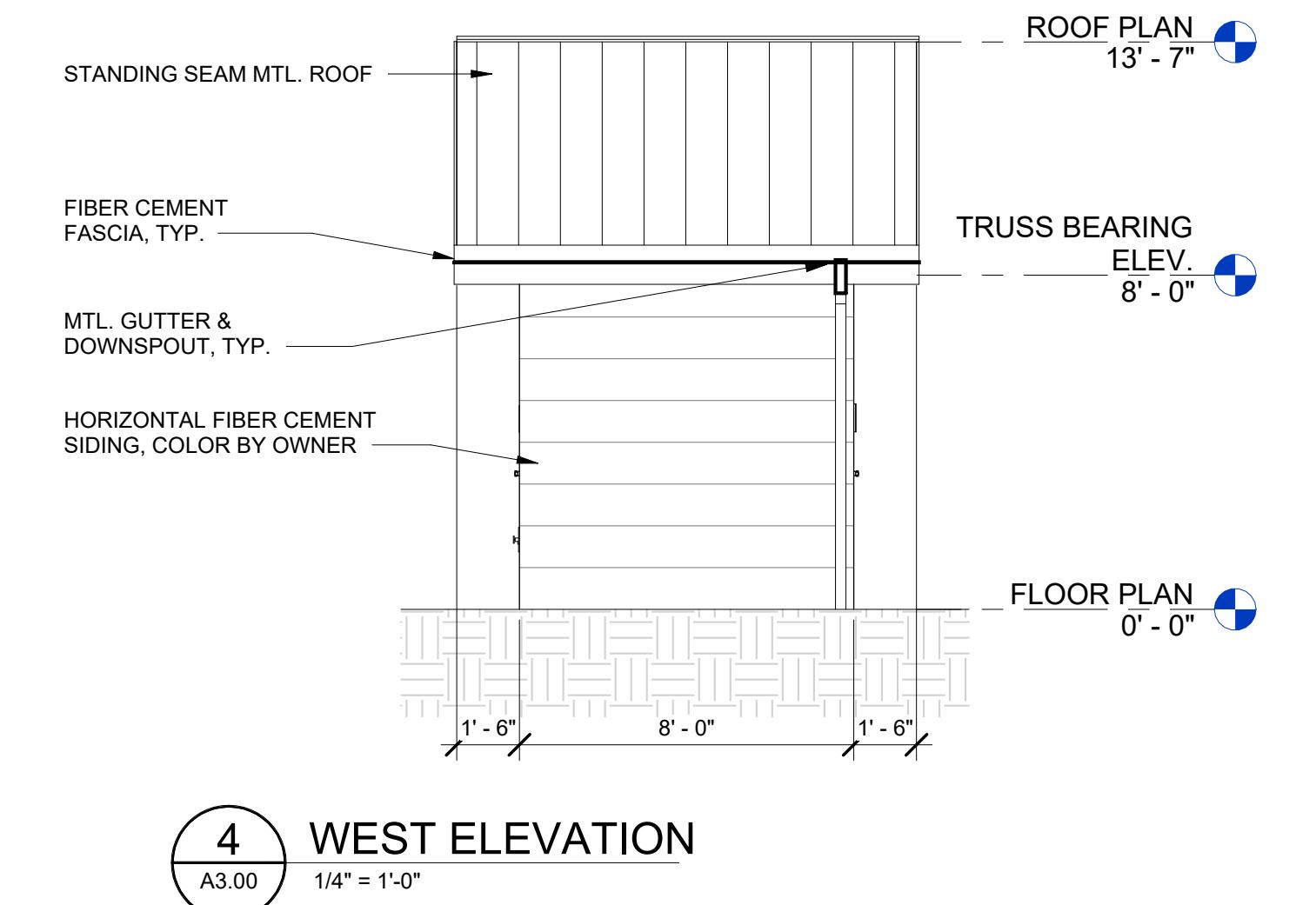
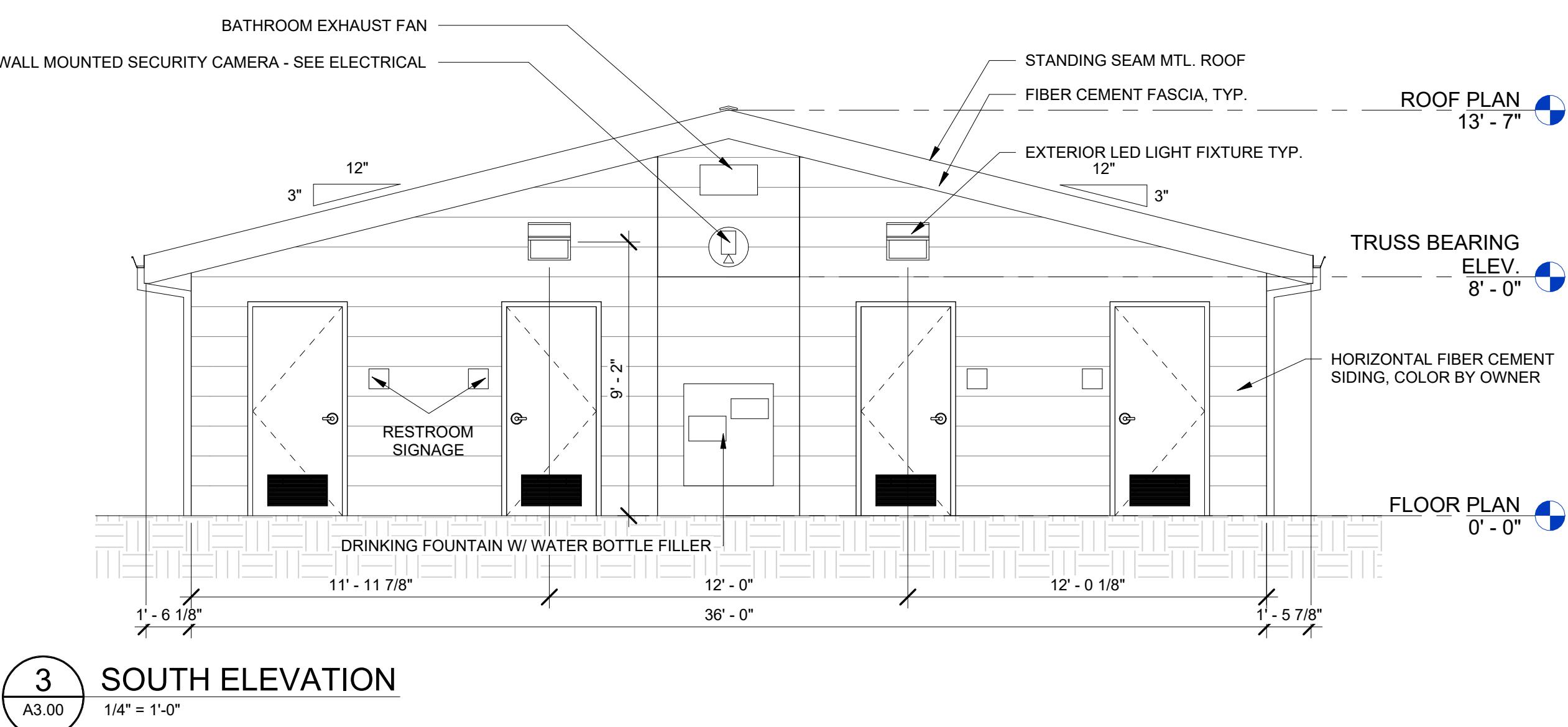
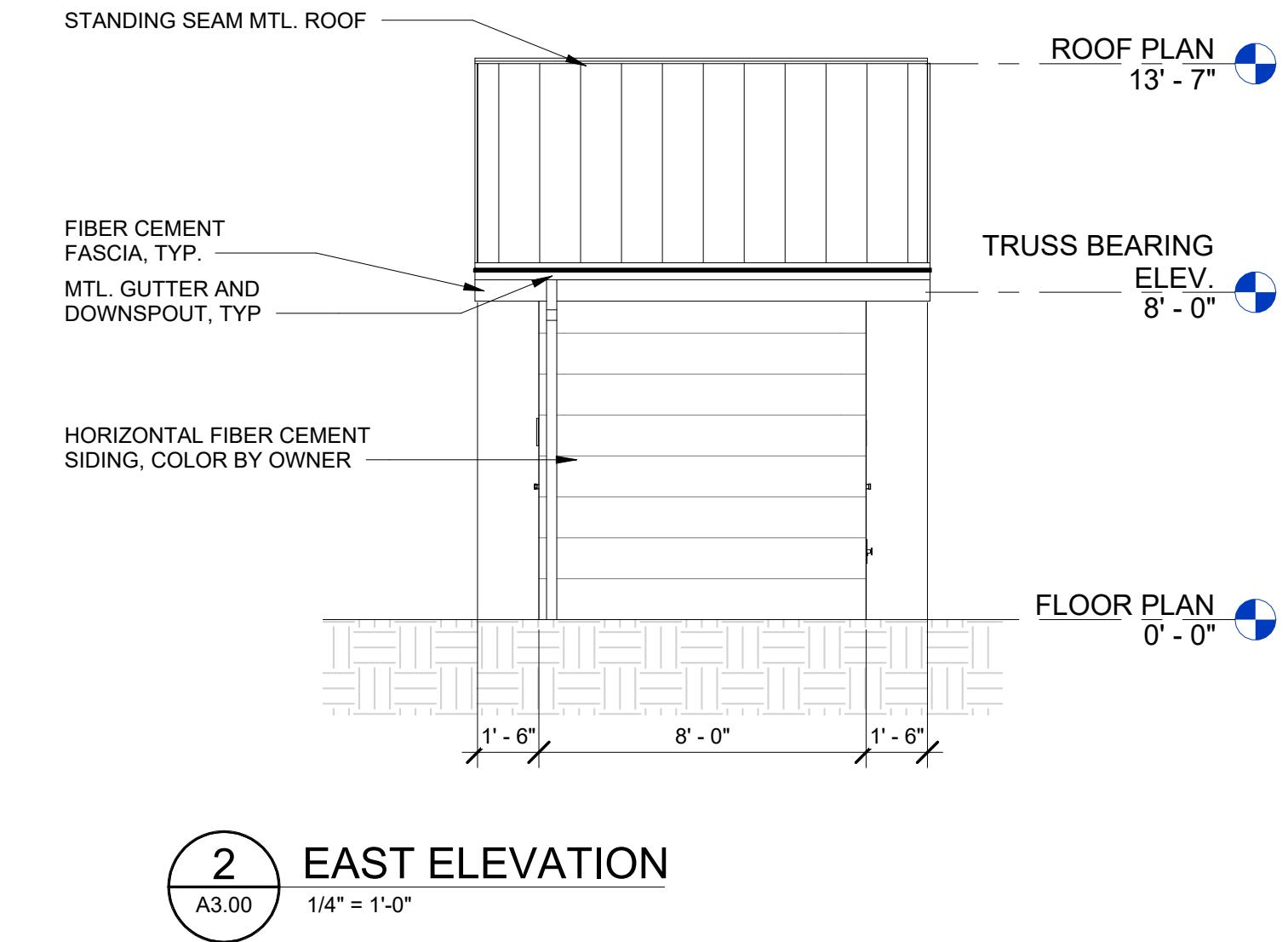
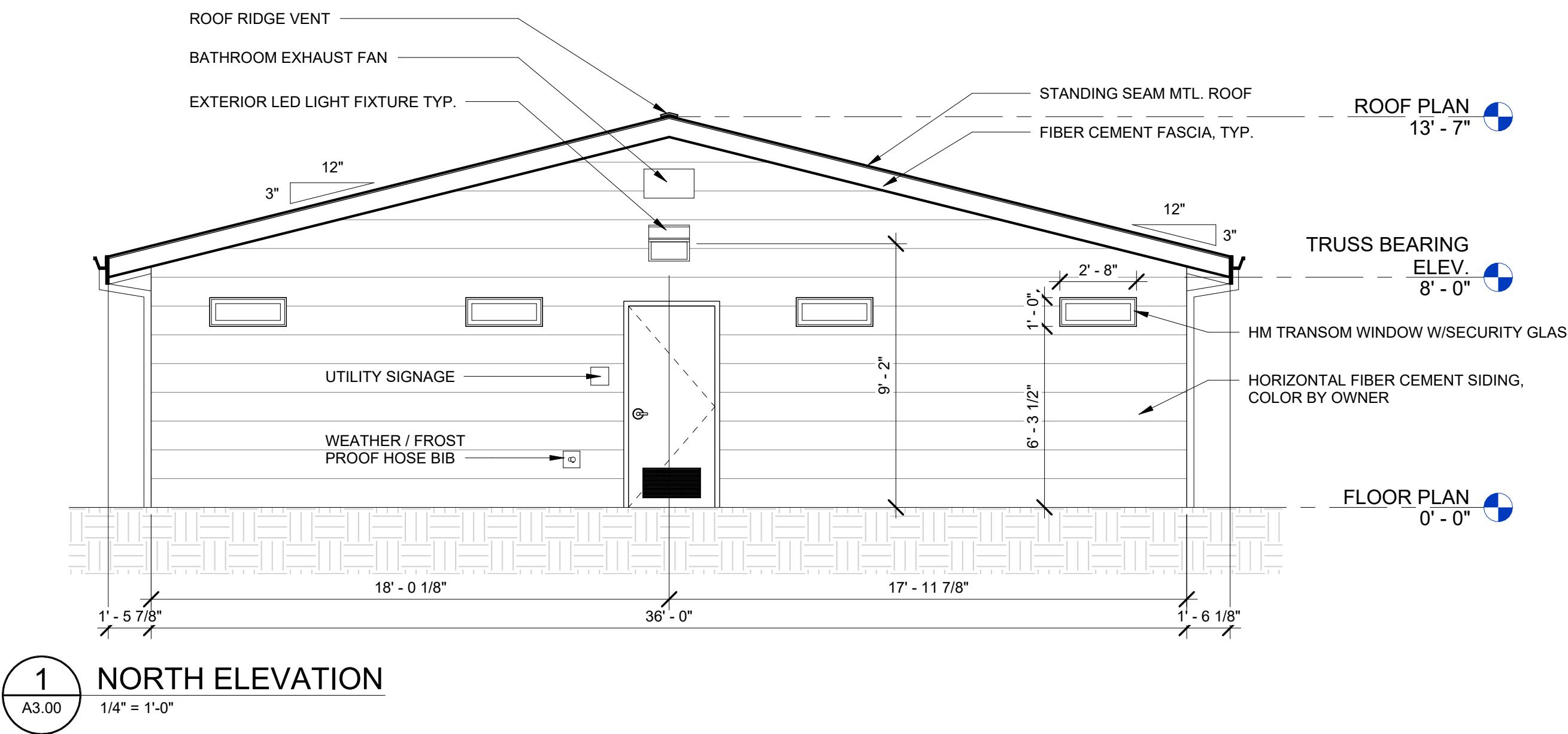


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COVINGTON

SOUTH SIDE RESTROOM BUILDING



SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

 SHEET TITLE
RESTROOM ELEVATIONS

PROJECT NO. 23042-1	DATE 12/18/2025
DRAWN BY STAFF BC	SCALE 1/4" = 1'-0"
CHECKED BY SHEET NO.	

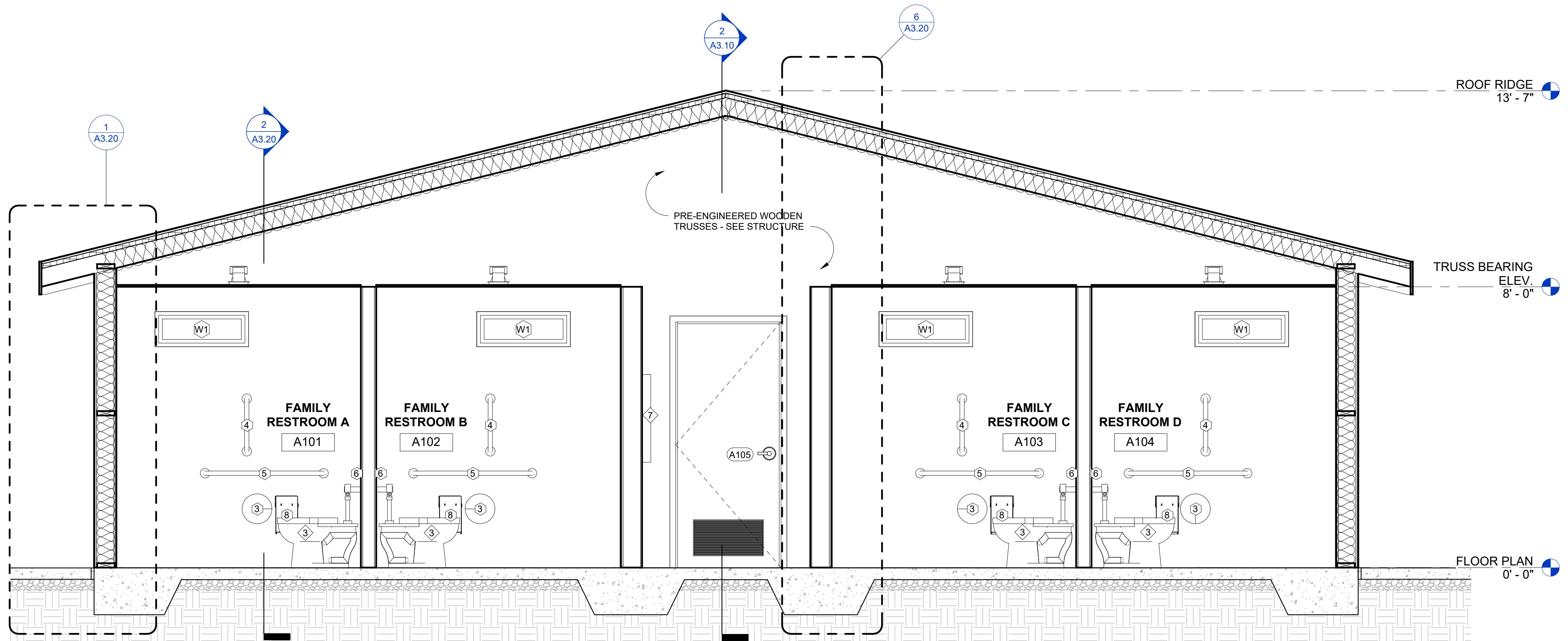
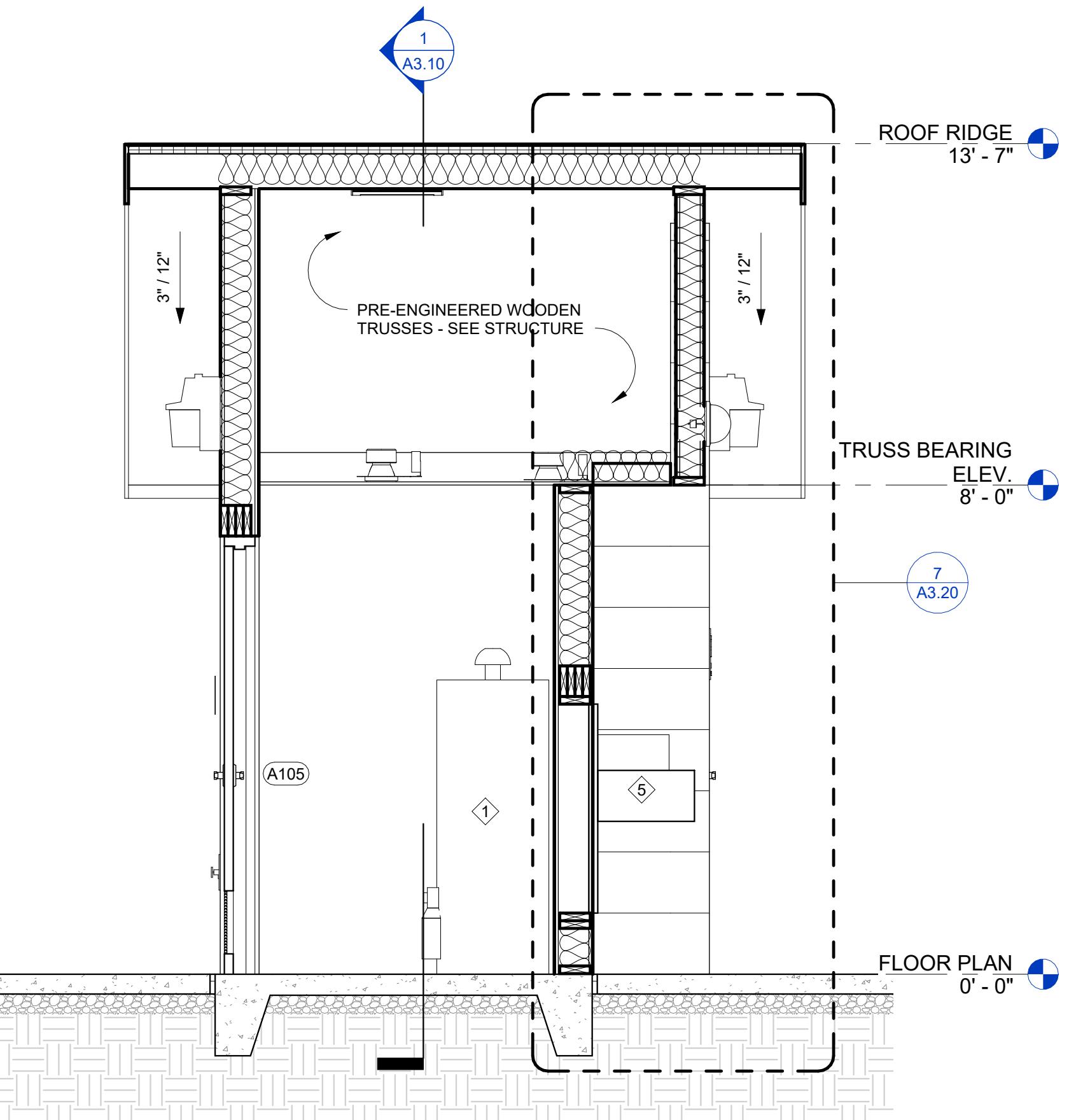
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SOUTHSIDE RESTROOM BUILDING

 PREPARED FOR:
 NEWTON COUNTY

COVINGTON


1 BUILDING SECTION 01
 A3.10 1/2" = 1'-0"

2 BUILDING SECTION 02
 A3.10 1/2" = 1'-0"

 SUBMITTALS / REVISIONS
 NO DATE DESCRIPTION

 SHEET TITLE
**BUILDING
SECTIONS**

 PROJECT NO. 23042-1 DATE 12/18/2025
 DRAWN BY STAFF SCALE
 CHECKED BY SG
 SHEET NO.

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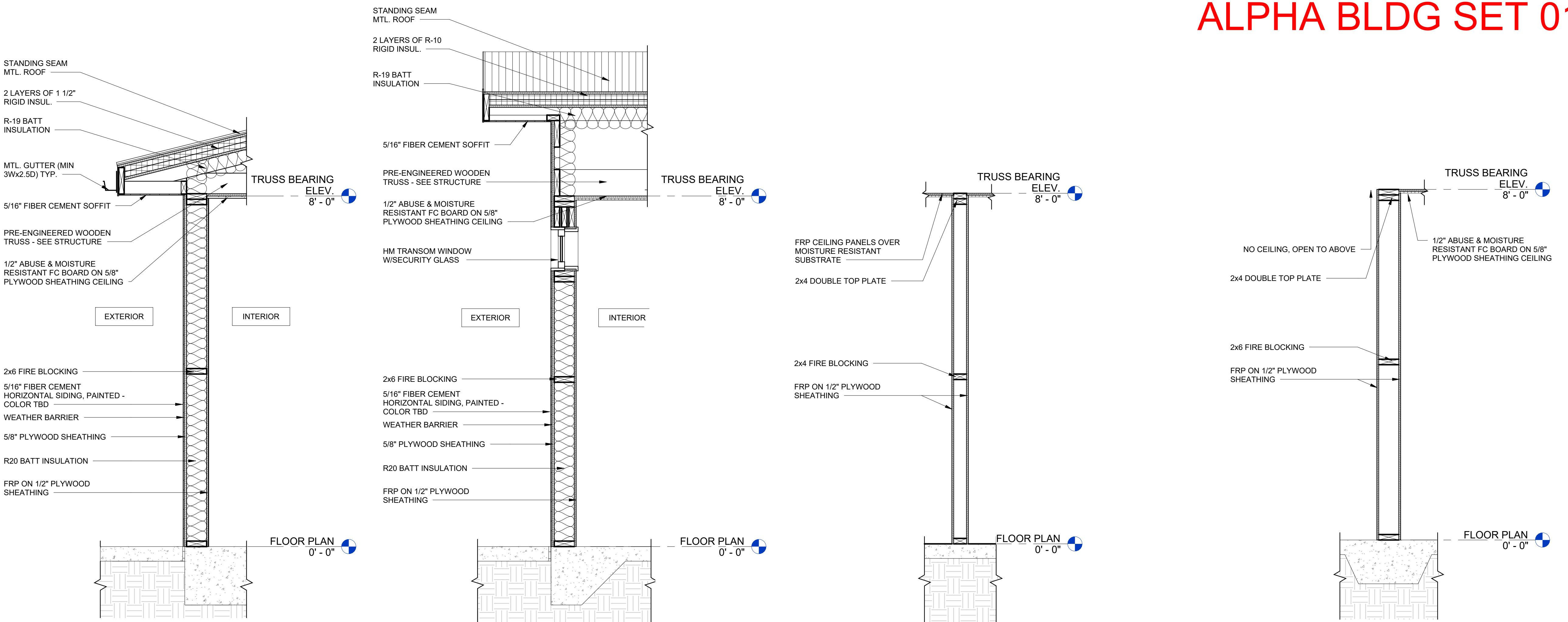
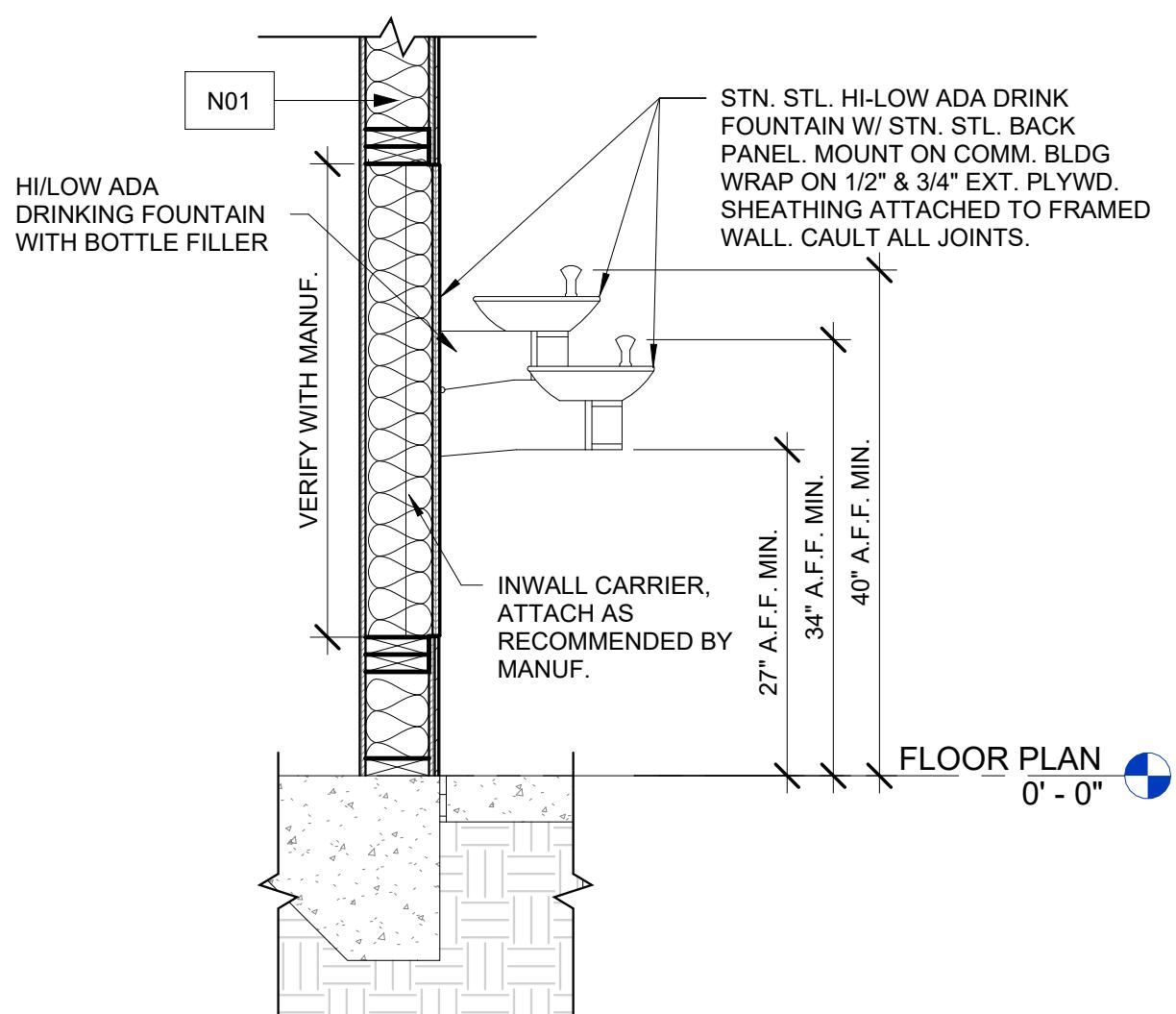
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SUBMITTALS / REVISIONS
NO DATE DESCRIPTIONSHEET TITLE
WALL SECTIONSPROJECT NO. 23042-1 DATE 12/18/2025
DRAWN BY STAFF
SCALE
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SHEET NO.

A3.20

1 EXTERIOR WALL SECTION N01
A3.20 3/4" = 1'-0"2 EXTERIOR WALL SECTION N01
A3.20 3/4" = 1'-0"5 INTERIOR WALL SECTION N04
A3.20 3/4" = 1'-0"6 INTERIOR WALL SECTION N05
A3.20 3/4" = 1'-0"7 DRINKING FOUNTAIN WALL SECTION
A3.20 3/4" = 1'-0"PROJECT NO. 23042-1 DATE 12/18/2025
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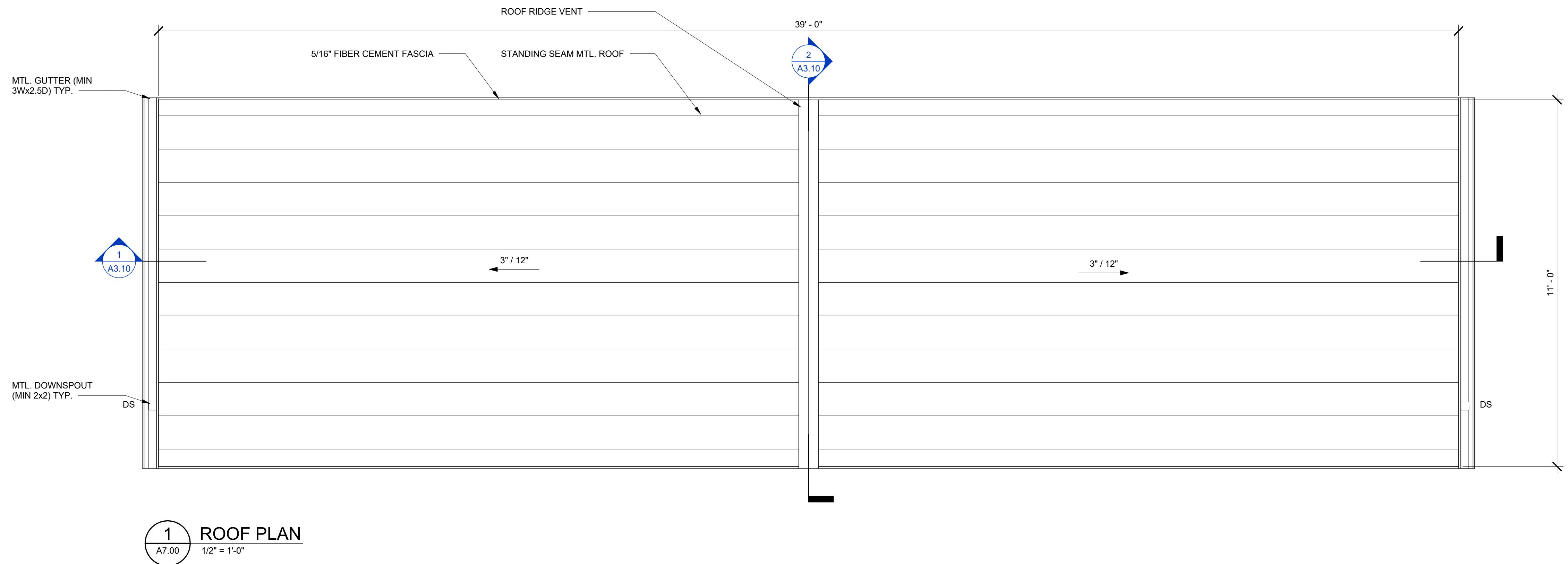
SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

SHEET TITLE	
ROOF PLAN	

PROJECT NO.	23042-1	DATE	12/18/2025
DRAWN BY		SCALE	
STAFF			1/2" = 1'-0"
CHECKED BY	Checker		

SHEET NO.

A7.00



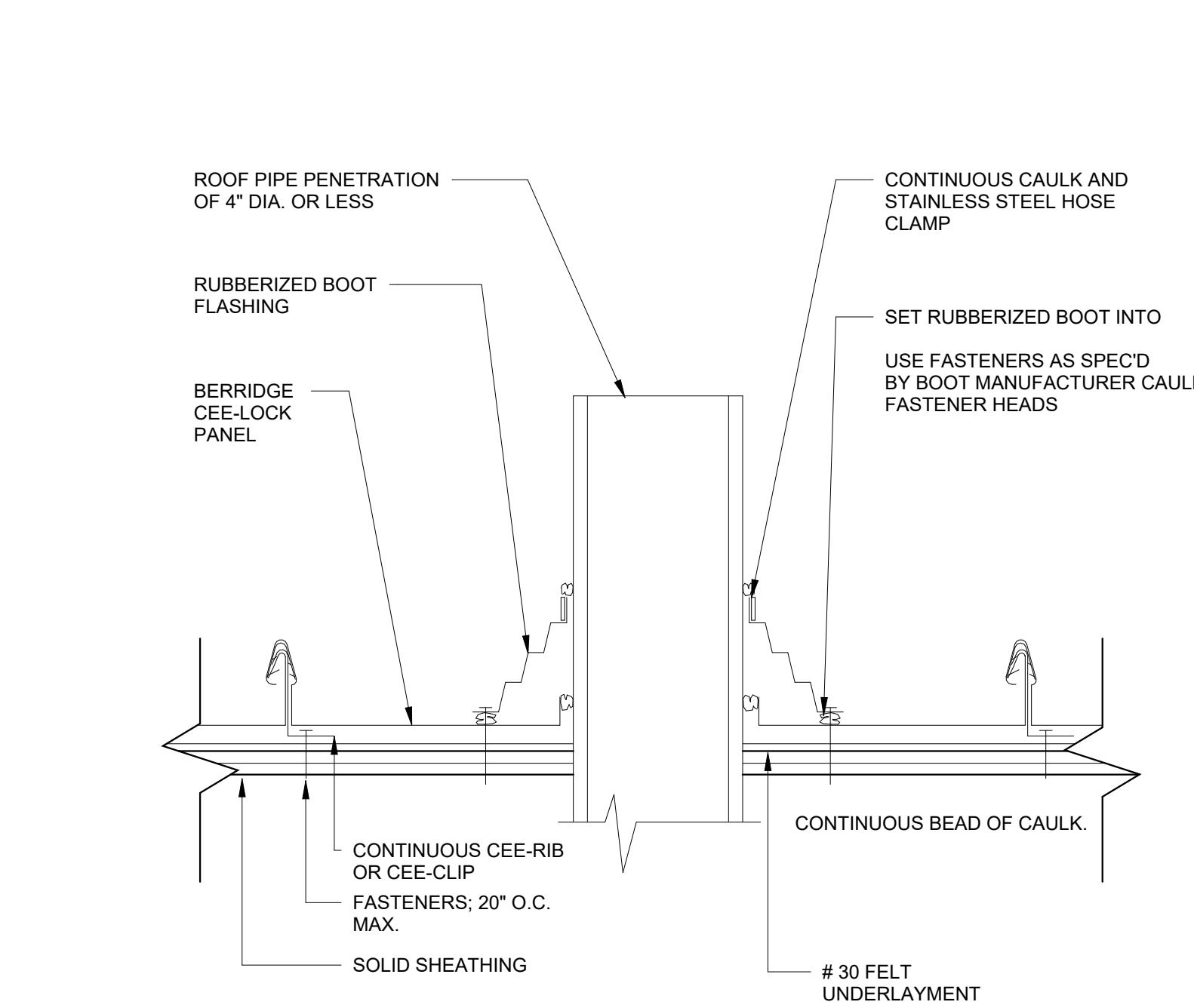
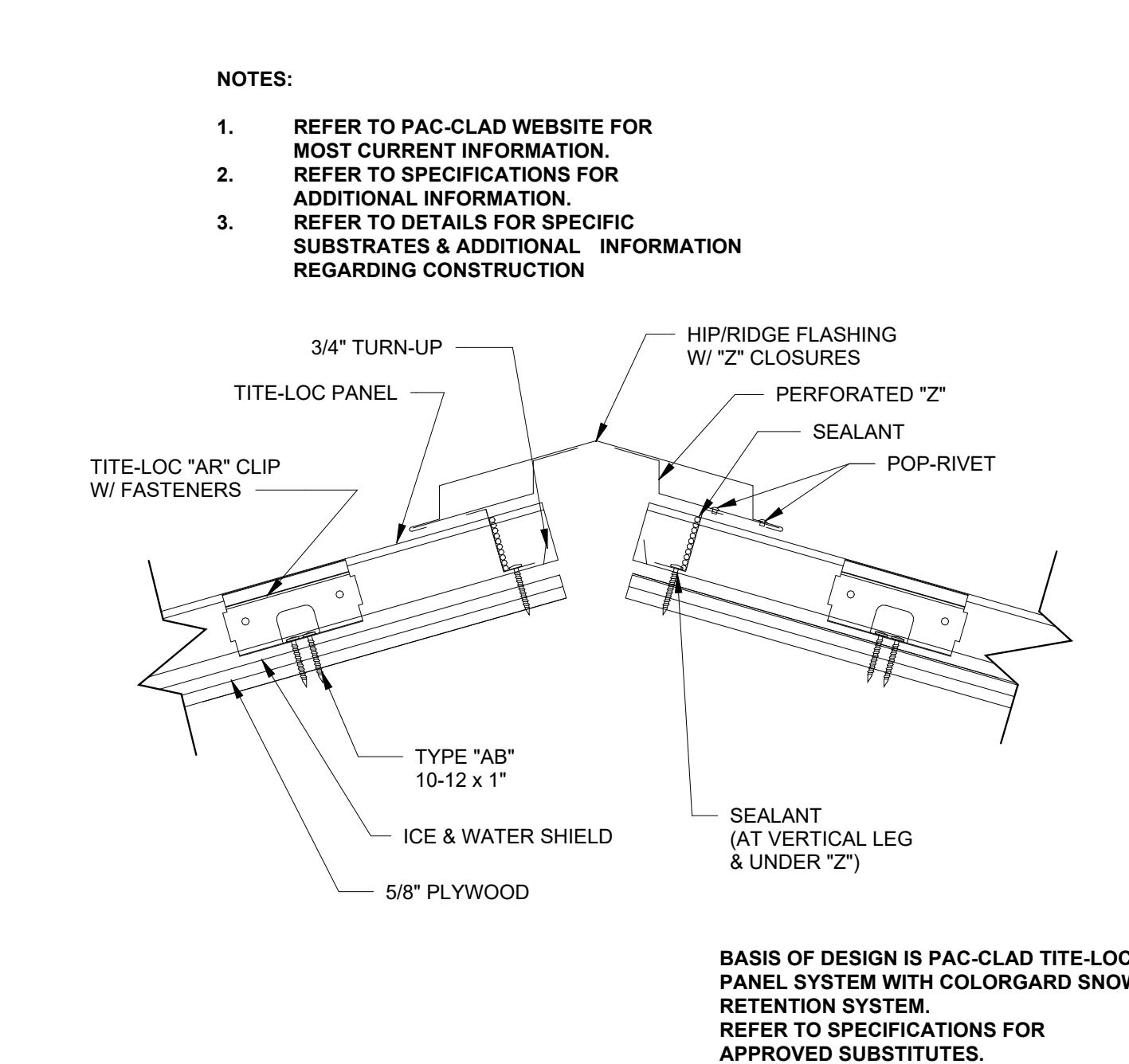
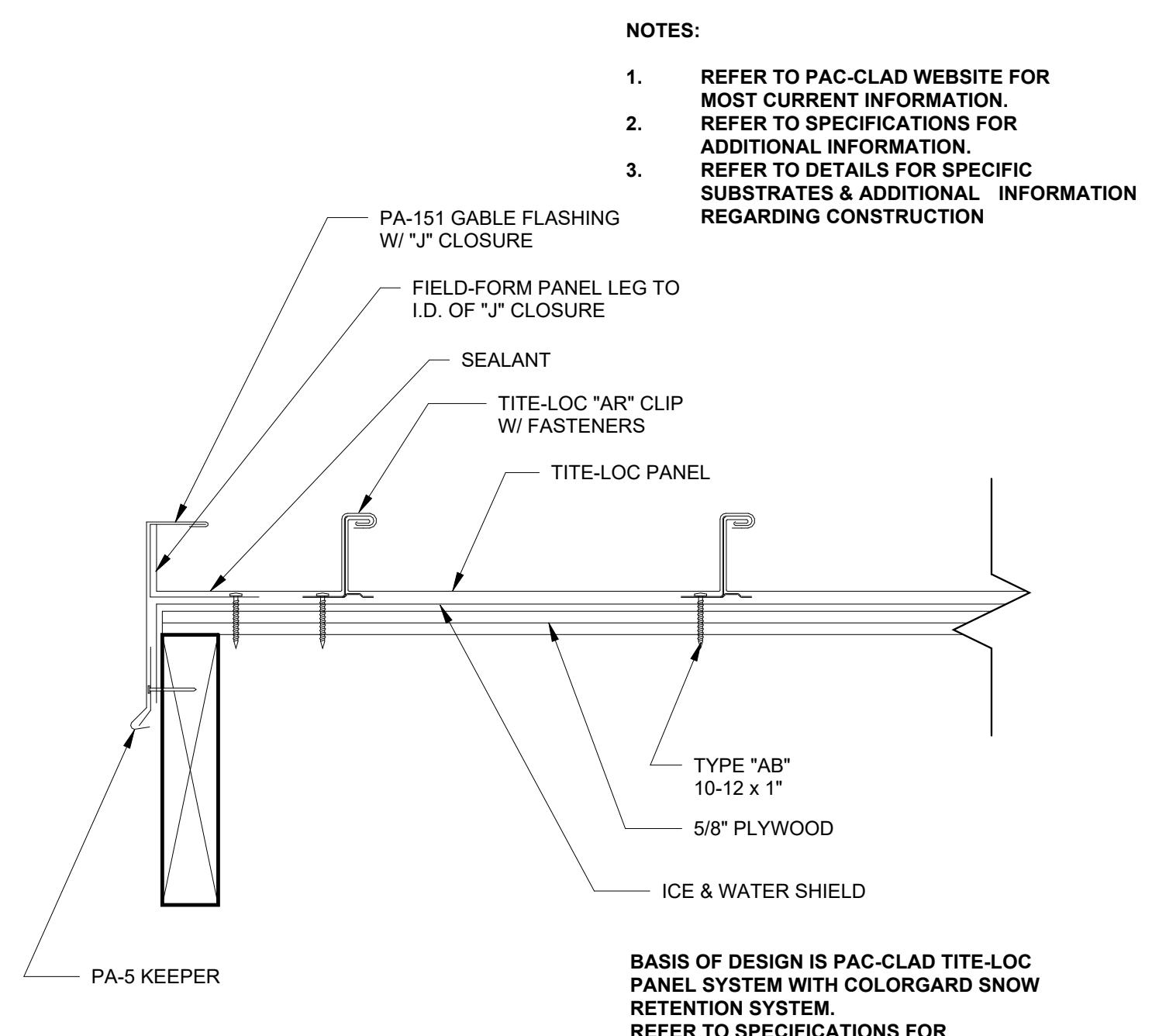
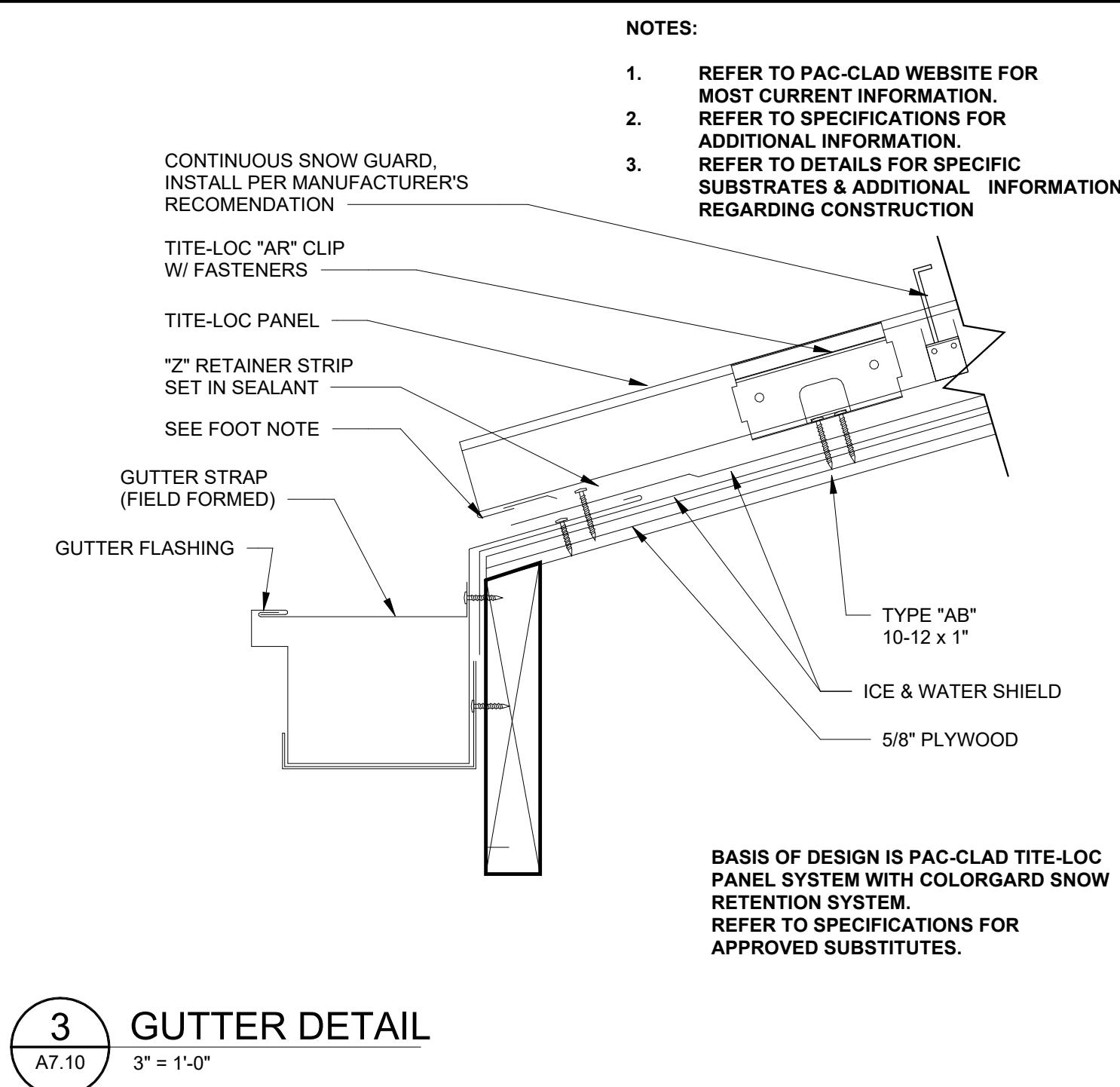
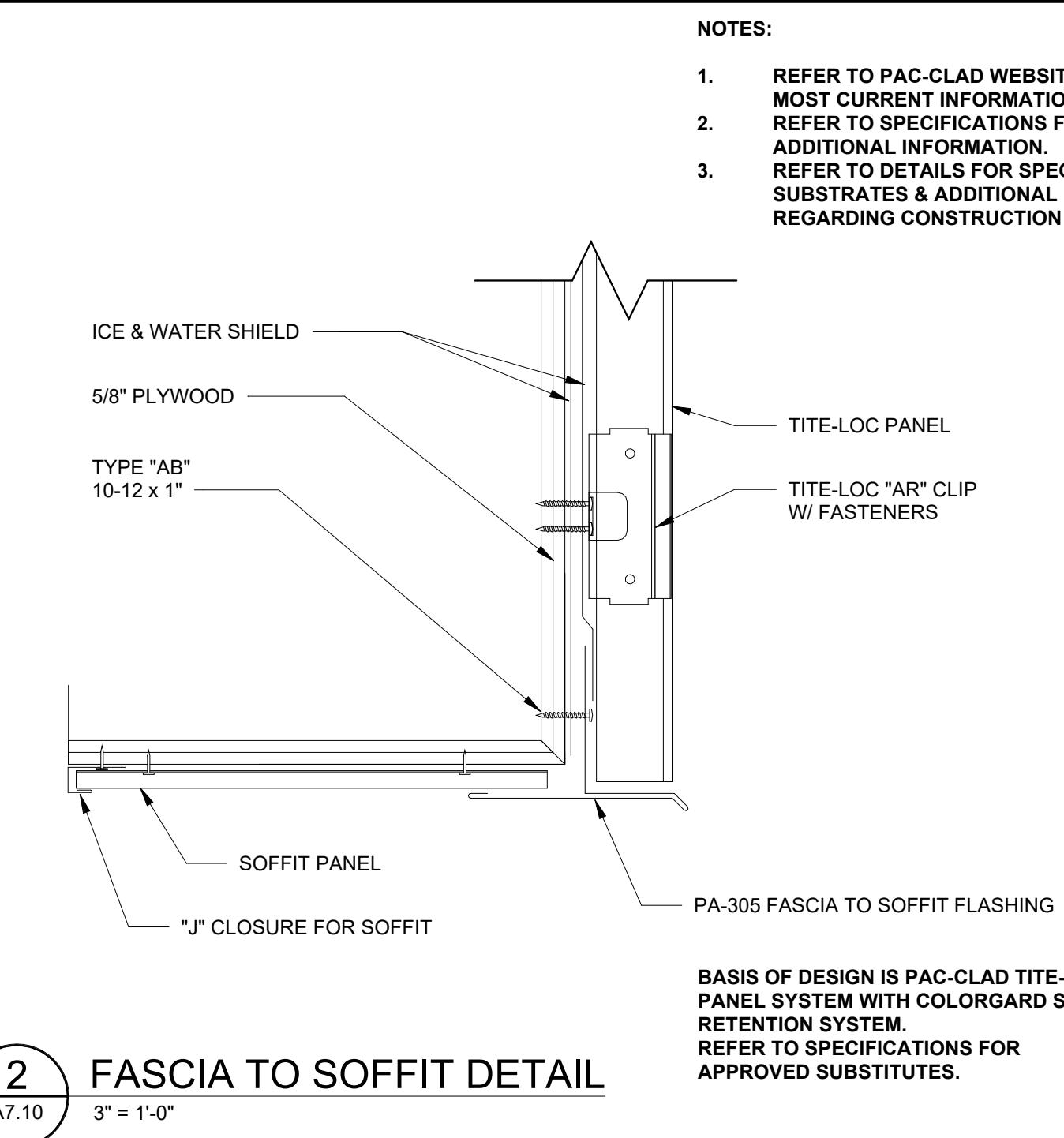
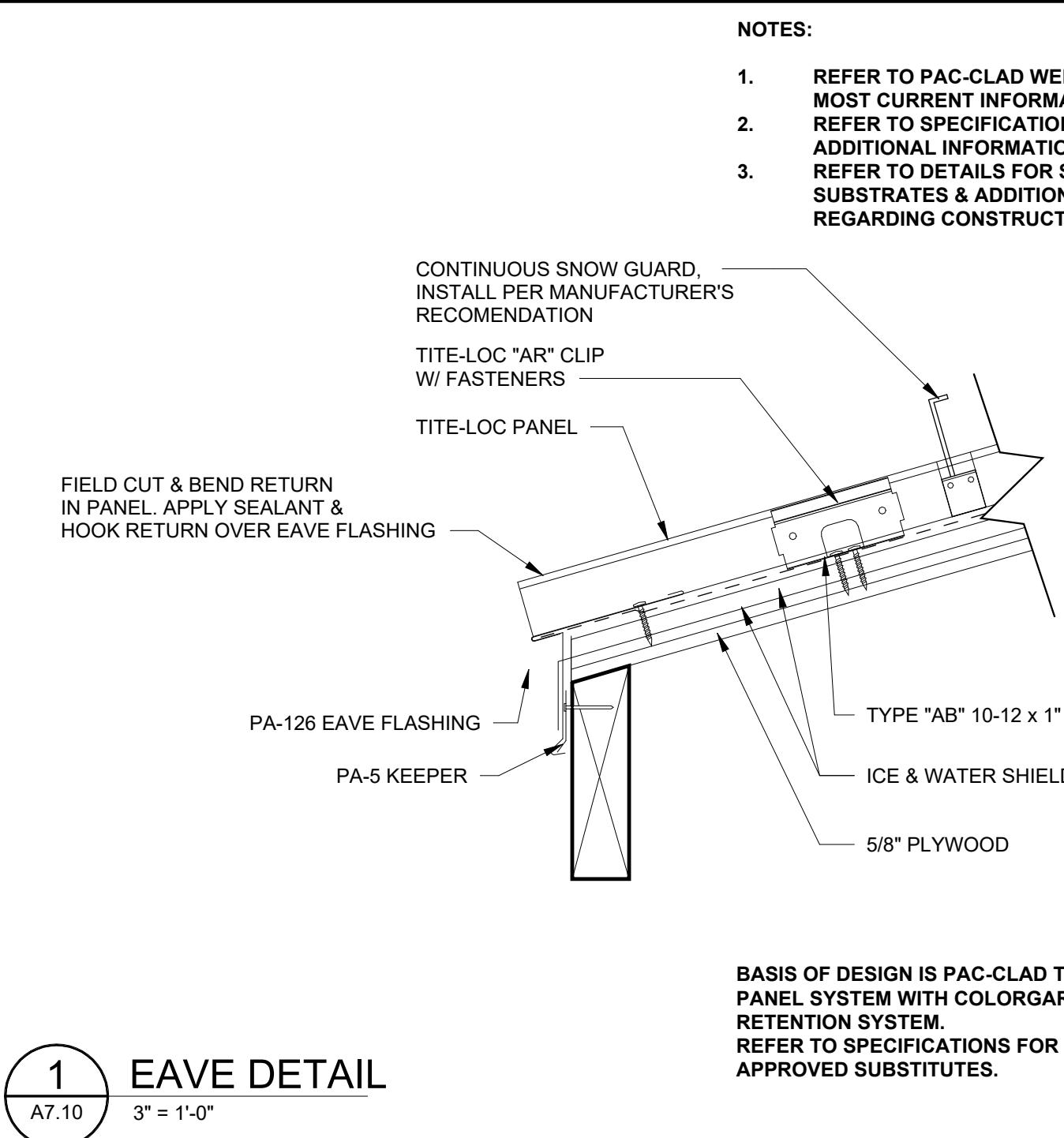


SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

SHEET TITLE		
ROOF DETAILS - STANDING SEAM		

PROJECT NO.	23042-1	DATE	12/18/2025
DRAWN BY		SCALE	
STAFF		3" = 1'-0"	
CHECKED BY	SG		

ALPHA BLDG SET 01-15-2026



SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

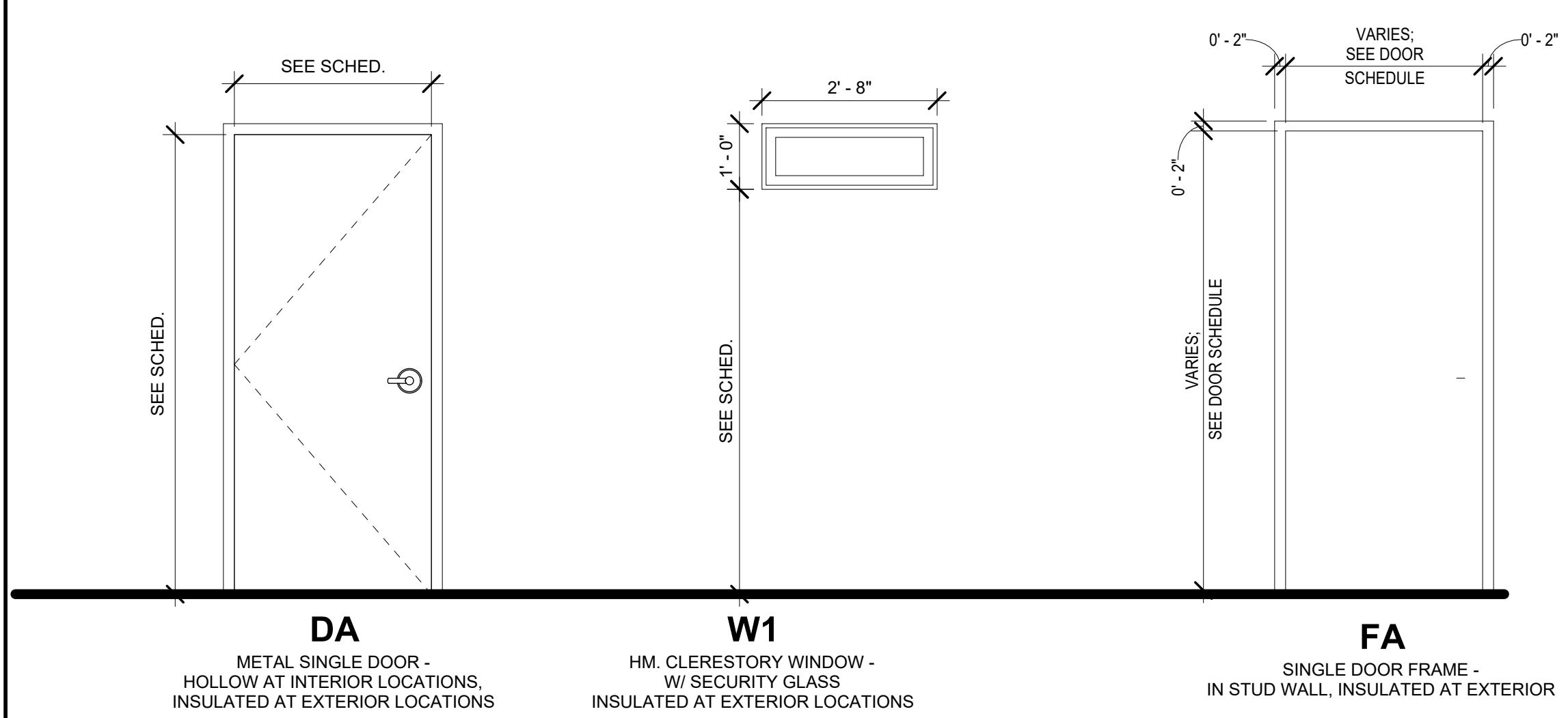
SHEET TITLE		
ROOF DETAILS - STANDING SEAM		

PROJECT NO.	23042-1	DATE	12/18/2025
DRAWN BY		SCALE	
STAFF		3" = 1'-0"	

CHECKED BY
SG

SHEET NO.

ALPHA BLDG SET 01-15-2026

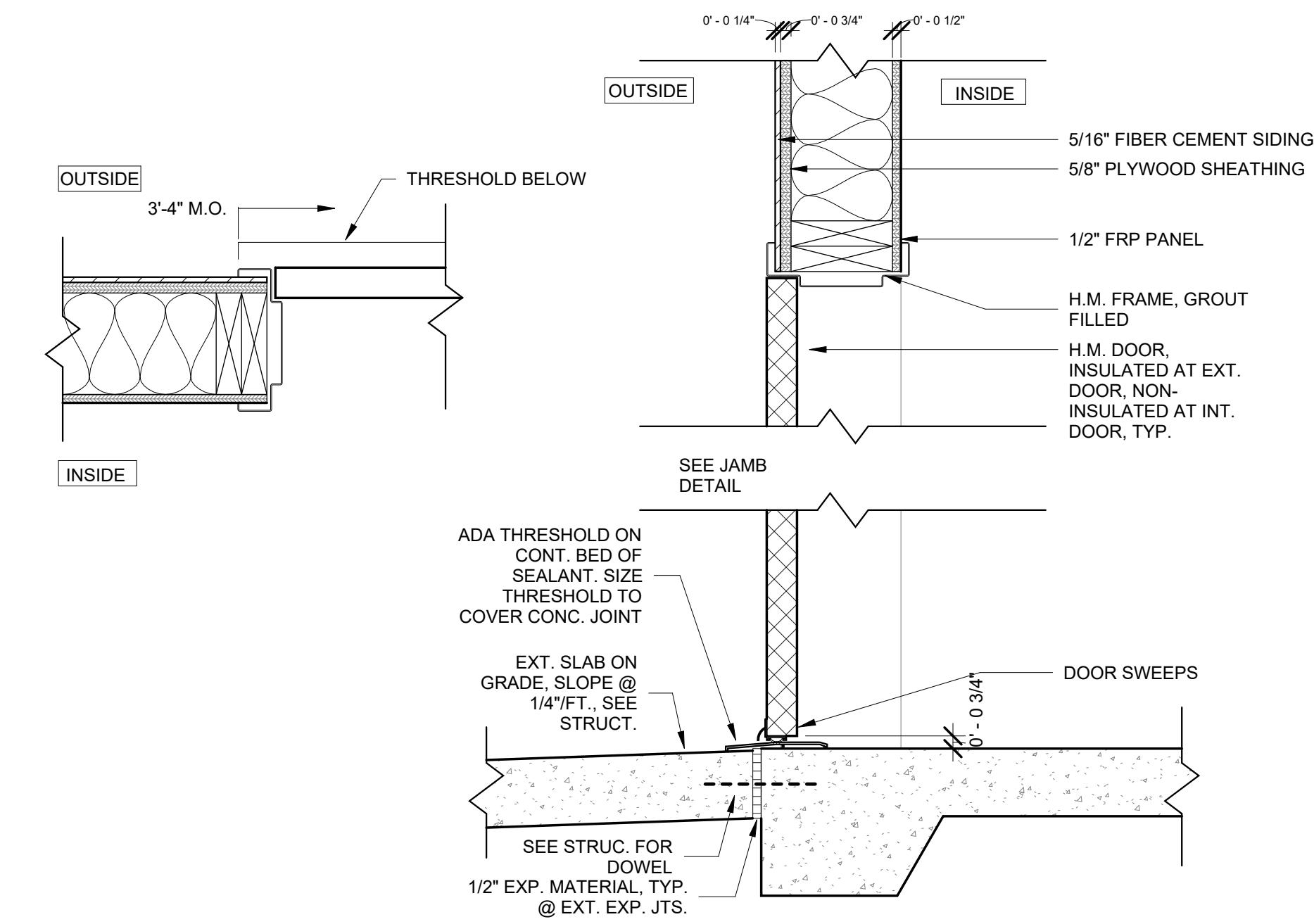


1. SEE DOOR HARDWARE SPECIFICATIONS FOR HARDWARE SET INFO.
2. INSULATED METAL DOOR
3. 1 HR FIRE RATED
4. AUTOMATIC DOOR CLOSER
5. PROVIDE POWER TO DOOR FRAME
6. EMERGENCY EGRESS ONLY

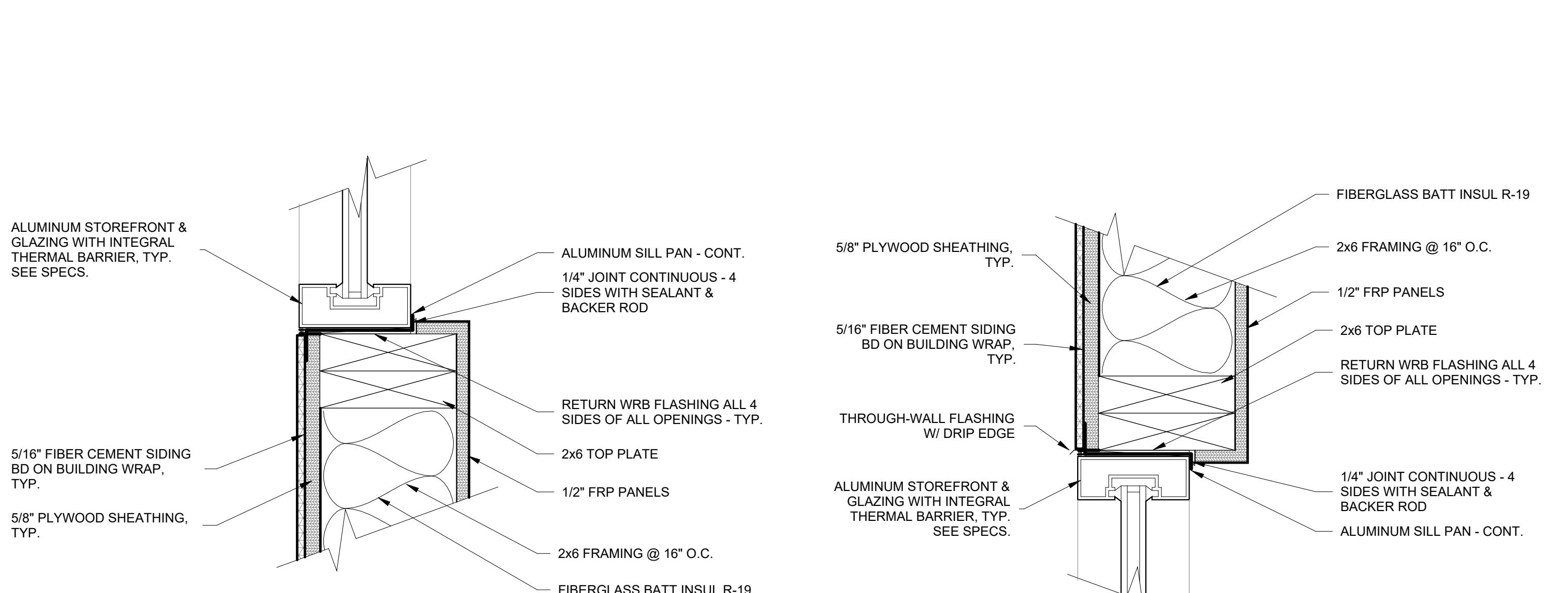
DOOR NUMBER	ROOM NAME	PANEL						FRAME			HARDWARE SET	DOOR NOTES	
			SIZE			MAT.	FIN.	TYPE	MAT.	FIN.			
FLOOR PLAN													
		TYPE	WIDTH	HEIGHT	THICKNESS								
A101	FAMILY RESTROOM A	DA	3' - 0"	7' - 0"	0' - 1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 2	1, 2, 5	
A102	FAMILY RESTROOM B	DA	3' - 0"	7' - 0"	0' - 1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 2	1, 2, 5	
A103	FAMILY RESTROOM C	DA	3' - 0"	7' - 0"	0' - 1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 2	1, 2, 5	
A104	FAMILY RESTROOM D	DA	3' - 0"	7' - 0"	0' - 1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 2	1, 2, 5	
A105	UTILITY	DA	3' - 0"	7' - 0"	0' - 1 3/4"	H.M.	PNT.	FA	H.M.	PNT.	SET 1	1, 2, 5	

WINDOW SCHEDULE

ROOM NUMBER	ROOM NAME	WINDOW TYPE	WIDTH	HEIGHT	HEAD HEIGHT	SILL HEIGHT	COMMENTS
A101	FAMILY RESTROOM A	W1	2' - 8"	1' - 0"	7' - 3 1/2"	6' - 3 1/2"	1, 2, 5
A102	FAMILY RESTROOM B	W1	2' - 8"	1' - 0"	7' - 3 1/2"	6' - 3 1/2"	1, 2, 5
A103	FAMILY RESTROOM C	W1	2' - 8"	1' - 0"	7' - 3 1/2"	6' - 3 1/2"	1, 2, 5
A104	FAMILY RESTROOM D	W1	2' - 8"	1' - 0"	7' - 3 1/2"	6' - 3 1/2"	1, 2, 5



1 H.M. DOOR DETAILS - 2x4 STUD WALL
A8.00 1 1/2" = 1'-0"



2 A8.00 3" = 1'-0" WINDOW - DETAILS AT FIBER CEMENT

LOSE DESIGN

SPACES FOR LIFE.

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COVINGTON

DOOR & WINDOW SCHEDULE & DETAILS

JECT NO. 42-1	DATE 12/18/2025
/N BY STAFF	SCALE
KED BY Checker	As indicated
T NO	

A8.00

PLACE
STAMP
HERE



GEORGIA

RESTROOM BUILDING

PREPARED FOR:

NEWTON COUNTY, GEORGIA

FACTORY SHOALS PARK_SOUTHSIDE

COVINGTON

DESIGN
BUILDING CODE: INTERNATIONAL BUILDING CODE 2018 (BC) W/ GEORGIA STATE AMENDMENTS
RISK CATEGORY: I
WIND:
V_{ult} = 108 MPH (3-SECOND GUST), V_{sd} = 83.7 MPH
W₁ = 1.0, EXPOSURE CATEGORY C
COMPONENTS AND CLADDING: COMPONENTS AND CLADDING ELEMENTS NOT SPECIFICALLY DESIGNED ON THESE DRAWINGS SHALL BE DESIGNED ACCORDING TO THE WIND PRESSURES STIPULATED BY BC 2018 FOR THE TRIBUTARY AREA OF THE SPECIFIC COMPONENT.
MIN ULT DESIGN PRESSURE = 25.0 PSF (WALLS, 100 SQ. FT. NON-END ZONE)
SNOW:
GROUND SNOW LOAD = 5 PSF
I_s = 1.0
SNOW EXPOSURE FACTOR C_o = 1.0
SNOW THERMAL FACTOR C_t = 1.0
RAIN:
GABLE ROOF RAIN LOAD: 0 PSF
SEISMIC:
I_s = 1.0 I_p = 1.0
Sds = 0.19 Sdi = 0.13
SITE CLASS = D (ASSUMED)
SEISMIC DESIGN CATEGORY = B
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
SEISMIC FORCE RESISTING SYSTEM:
LIGHT-FRAME (WOOD) WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE
R = 6 1/2 D = 3 C_d = 4
SEISMIC BASE SHEAR = 10 KIPS (EA DIRECTION)
SHEET INDEX:

SHEET NUMBER	SHEET NAME
S0.01	GENERAL NOTES
S0.02	GENERAL NOTES
S0.03	GENERAL NOTES
S1.00	AXONOMETRIC VIEW
S1.01	FOUNDATION & ROOF FRAMING PLANS
S3.01	SECTIONS & DETAILS
S4.01	TYPICAL SECTIONS & DETAILS
S4.02	TYPICAL SECTIONS & DETAILS

MISCELLANEOUS:
1. THE FOLLOWING NOTES APPLY TO ALL PROJECT RELATED STRUCTURAL DRAWINGS. THIS INCLUDES THESE DRAWINGS, FIELD SKETCHES AND RESPONSES TO REQUESTS FOR INFORMATION (RFIs), UNLESS OTHERWISE INDICATED.
2. THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PERTINENT ASPECTS OF ALL DISCIPLINES INTO THEIR SHOP DRAWINGS AND WORK, AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR OMISSIONS.
4. NO OPENINGS OR MODIFICATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
5. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
6. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL DESIGN, ADEQUACY, SAFETY AND STABILITY OF TEMPORARY BRACING AND SHORING WHICH MAY BE REQUIRED AS A RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURAL FRAMING. APPLIED CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF ANY STRUCTURAL BUILDING ELEMENT.
7. THE CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION LIFE CYCLE.
8. DO NOT SCALE THESE DRAWINGS. USE DIMENSIONS FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS. SEE ARCHITECTURAL DRAWINGS.
9. THE CONTRACTOR SHALL INFORM THE PROFESSIONAL OF RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD. REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC. UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION, AT THE TIME OF SUBMISSION AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
10. WHERE A SECTION OR DETAIL IS CUT ON THE PLAN, IT IS UNDERSTOOD TO BE REPRESENTATIVE OF ALL LIKE OR SIMILAR CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
11. AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF PERSONS AND PROPERTY. THE ARCHITECTS OR ENGINEERS PRESENCE AT THE JOB SITE OR REVIEW OF WORK DOES NOT IMPLY CONFIRMATION OF THE ADEQUACY OF THE CONTRACTOR'S MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLIANCE WITH OSHA REGULATIONS.
12. CONSULT ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR LOCATION, SIZES, AND EXTENT OF CHASMS, INSERTS, RECESSSES, ROGES, FINISHES, DEPRESSIONS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.

13. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF RECORD IN WRITING OF ALL CONDITIONS ENCOUNTERED IN THE FIELD THAT ARE CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
14. STRUCTURAL CONTRACT DOCUMENTS SHALL NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR ANY MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR OR SUBCONTRACTOR.
15. REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AND PUBLISHED AT THE DATE OF TAKING BIDS, UNLESS SPECIFICALLY STATED OTHERWISE.
16. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPES AND LOCATION OF DEPRESSED FLOOR AREAS. THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH THE ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLING STRUCTURAL MEMBERS.
17. PRINCIPAL OPENINGS THROUGH THE FRAMING ARE SHOWN ON THESE DRAWINGS. OPENINGS 1'-4" IN WIDTH OR LENGTH (AND LESS) ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. THE GENERAL CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL REQUIRED OPENINGS. ALL MECHANICAL OPENING LOCATIONS, UNIT OPERATING WEIGHTS, AND SIZES SHALL BE VERIFIED WITH THE MECHANICAL CONTRACTOR PRIOR TO FABRICATION. ANY DEVIATION FROM THE OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR APPROVAL.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES IN ORDER TO COMPLY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.
CONCRETE
1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-14 AND ACI 301-16.
2. CEMENT USED SHALL BE TYPE I OR II CONFORMING TO ASTM C 150. CONCRETE SHALL DEVELOP A MINIMUM 28 DAY STRENGTH AND DENSITY AS FOLLOWS:

FOOTINGS	INTERIOR SLAB ON GRADE	STRENGTH (PSI)	DENSITY (PCF)
3000	3000	45 - 150	145 - 150

3. AGGREGATE SHALL BE WELL GRADATED AND SHALL CONFORM TO THE FOLLOWING:

FOOTINGS, SLAB ON GRADE	1 COARSE AGGREGATE (ASTM C-33)

4. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS BY EITHER THE TRIBAL OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TENNESSEE. RESULTS OF ALL COMPRESSIVE STRENGTH SHALL BE MADE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE INSPECTOR. WATER CEMENT RATIOS SHALL BE SPECIFIED IN THE CONCRETE MIX DESIGN. SUBMITAL SITE RETAINING WALLS SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF 0.45. PROVIDE AERATED CONCRETE FOR ALL EXTERIOR CONCRETE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE.
5. ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE.
6. NO ADDITIONAL WATER SHALL BE ADDED TO CONCRETE AT THE JOB SITE.
7. MINIMUM CONCRETE COVER UNLESS NOTED OTHERWISE:

A. #1 BARS AND SMALLER	3/4 INCHES
B. UNFORCED SURFACE IN CONTACT WITH THE GROUND.	3 INCHES
C. BASEMENT WALLS	2 INCHES EXTERIOR 3/4 INCHES INTERIOR
D. FORMED SURFACES EXPOSED TO EARTH OR WEATHER	
#5 BARS AND LARGER	2 INCHES
#8 BARS AND SMALLER	1 1/2 INCHES
E. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER	
BEAMS, GIRDERS AND COLUMNS	1 1/2 INCHES
SLABS, WALLS, AND JOISTS	3/4 INCHES

8. SLAB-ON-GRADE SHALL BE SAW CUT NO MORE THAN 12 HOURS AFTER CONCRETE HAS BEEN FINISHED. CONTRACTOR TO SUBMIT LAYOUT AND CONSTRUCTION SCHEDULE ("SOFT-CUT" INTERNATIONAL OR SM.)
9. PROVIDE TEMPORARY SHORING AND BRACING OF ALL STRUCTURAL AND MISCELLANEOUS ELEMENTS UNTIL CONCRETE HAS OBTAINED 75% OF DESIGN STRENGTH AND ALL PERMANENT BRACING ELEMENTS ARE INSTALLED.
10. PLACEMENT OF CONCRETE, COLD WEATHER AND HOT WEATHER PRECAUTIONS, MATERIAL AND PROPORTIONING REQUIREMENTS, REBAR COVER AND DETAILING SHALL CONFORM TO REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI 318-14).
11. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SLAB FINISHES, SLAB DEPRESSIONS, ELEVATIONS AND ENCASED OR EMBEDDED ITEMS.
12. PIPES AND CONDUITS EMBEDDED IN CONCRETE SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
A. NO MATERIAL HARMFUL TO CONCRETE (SUCH AS, BUT NOT LIMITED TO, ALUMINUM) IS PERMITTED.
B. NO EMBODIMENT OR PENETRATION WHICH IMPAIRS THE STRUCTURAL STRENGTH OR INTEGRITY IS PERMITTED.
C. CONDUITS AND PIPES SHALL NOT HAVE A DIAMETER THAT EXCEEDS 1/3 THE OVERALL THICKNESS OF THE STRUCTURAL ELEMENT IN WHICH THEY ARE EMBEDDED.
D. MINIMUM CENTER TO CENTER SPACING SHALL NOT BE CLOSER THAN 3 DIAMETERS OR WIDTHS.
E. PLACEMENT SHALL OCCUR ABOVE BOTTOM LAYER OF REINFORCEMENT AND BELOW TOP LAYER OF REINFORCEMENT AND SHALL NOT CAUSE REINFORCEMENT TO BE CUT, BENT OR DISPLACED IN ANY MANNER.
F. PLACEMENT SHALL MAINTAIN A MINIMUM CLEARANCE FROM REINFORCEMENT OF 3 REINFORCING BAR DIAMETERS OR 3/4" FROM WELDED WIRE FABRIC REINFORCEMENT.
G. PLUMBING AND ELECTRICAL CONDUITS SHALL BE PLACED BELOW SLAB ON GRADE.
13. UNLESS NOTED OTHERWISE, PROVIDE CONTROL JOINTS IN SLABS ON GRADE NOT TO EXCEED 15 FEET ON CENTER IN EACH DIRECTION, UNLESS OTHERWISE APPROVED BY THE STRUCTURAL ENGINEER.
14. FORMING SHALL BE OF WOOD, STEEL, OR FIBERGLASS OF SATISFACTORY QUALITY AND CONDITION.
15. NO ADMIXTURES SHALL BE ADDED TO THE CONCRETE UNLESS APPROVED BY THE ENGINEER.
16. REINFORCING SHALL CONFORM TO ASTM A615, GR60 UNLESS NOTED OTHERWISE.
17. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A156 GRADE 60.
18. REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 (MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES) AND CRSI MSP (MANUAL OF STANDARD PRACTICE), LATEST EDITION.
19. ALL CONTINUOUS REINFORCEMENT SHALL HAVE MINIMUM LAP OF 12" TYPE (AC 318-14, SECTION 25.2) AT SPICES UNLESS NOTED OTHERWISE.
20. PROVIDE ONE ROW OF BRIDGING FOR EACH 8'-0" LENGTH OF ROOF FRAMING MEMBERS.
21. SUBMIT REINFORCING PLACEMENT AND DETAIL (SHOP) DRAWINGS FOR REVIEW. NO REINFORCING BARS SHALL BE INSTALLED UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND RETURNED.
22. ALL REINFORCING SHALL BE SUPPORTED IN FORMS SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER IN ACCORDANCE WITH CRSI MANUAL OF STANDARD PRACTICE (LATEST EDITION).
23. ALL REINFORCING SPlices SHALL BE CONSIDERED CLASS B' UNLESS NOTED OTHERWISE IN PLAN OR SECTION.
24. WHERE WELDED WIRE FABRIC REINFORCEMENT IS SPECIFIED IN SLABS ON GRADE PLACEMENT SHALL BE 1" BELOW TOP OF SLAB. OVERLAP EACH REINFORCING SHEET TWO FULL PANELS AND TIE CROSS WIRES ON EACH SIDE.
25. SCHEDULED OR TACKED REINFORCING STEEL SHALL NOT BE TACK WELDED FOR ANY REASON. WELDED REINFORCING STEEL AND/OR SPlices ARE PERMITTED ONLY WHERE SHOWN ON DRAWINGS. WHERE WELDING IS PERMITTED IT SHALL CONFORM TO AWS D1.4, STRUCTURAL WELDING CODE - REINFORCING STEEL.
26. BASE PLATES, ANCHOR RODS, SUPPORT ANGLES, ETC. BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 4" OF CONCRETE.
27. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNLESS NOTED OTHERWISE.
28. WHERE DOWELS, BOLTS OR INSERTS ARE CALLED TO BE ANCHORED TO CAST IN PLACE OR PRECAST CONCRETE ELEMENTS USING EPOXY ADHESIVES, USE ANCHORAGE SYSTEM EQUAL TO HILT HIT DOWELING (H-HD). FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS. ALTERNATE ANCHORAGE SYSTEMS MAY BE PERMITTED WITH STRUCTURAL ENGINEER'S APPROVAL.
29. RESULTS FOR ALL CONCRETE COMPRESSIVE STRENGTH TEST SHALL BE AVAILABLE ON THE JOB SITE FOR REVIEW BY THE INSPECTOR.

PLYWOOD ROOF DECKING
1. DECKING SHALL BE 5/8" APA-CDX RATED PLYWOOD SHEATHING 40/20 (EXPOSURE 1).
2. ORIENT LONG SIDE OF PANEL PERPENDICULAR TO SUPPORT. END JOINT SHALL BE ALIGNED WITH THE MIDPOINT OF THE TWO ADJACENT PANELS. NO CONTINUOUS PANEL JOINTS IN SHORT DIRECTION ARE PERMITTED. PANELS SHALL BE CONTINUOUS OVER TWO OR MORE SPANS (NO SINGLE SPAN CONDITIONS).
3. ATTACHMENT OF PANEL TO WOOD FRAMING MEMBERS SHALL BE 10d NAILS AT THE FOLLOWING SPACINGS, UNLESS OTHERWISE NOTED:
4' AT ROOF PERIMETER
6' AT PANEL EDGES
12' AT INTERMEDIATE SUPPORTS
4. EDGE SUPPORTS SHALL BE PROVIDED AS RECOMMENDED BY THE AMERICAN PLYWOOD ASSOCIATION (APA) BY USE OF PANEL CLIPS OR WOOD BLOCKING BETWEEN TRUSSES. PANEL END JOINTS SHALL OCCUR OVER FRAMING. PANELS SHALL BE BLOCKED AT PERIMETER OF ROOF AND AT DIRECTIONAL CHANGES.

PRE-ENGINEERED WOOD TRUSSES

1. TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH SECTION 2303.4 OF THE INTERNATIONAL BUILDING CODE, THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (ANSI/AWC NDS-2018) & RELATED SUPPLEMENTS.
2. WOOD TRUSSES SHALL BE FULLY DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE LOAD CONDITIONS AND DESIGN PARAMETERS INDICATED ON THE STRUCTURAL DRAWINGS. THE MANUFACTURER'S ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN, ADEQUACY AND SAFETY OF INSTALLATION.
3. MANUFACTURER SHALL SUBMIT DESIGN CALCULATIONS AND SHOP DRAWINGS BEARING SEAL AND SIGNATURE OF MANUFACTURER'S ENGINEER WITH ENGINEER'S SEAL FOR PROJECT STATE. SHOP DRAWINGS SHALL INCLUDE:

A. PLACEMENT DIAGRAM AND DETAILS NECESSARY FOR DETERMINING FIT AND PLACEMENT OF TRUSSES IN THE BUILDING.
B. SUPPORT ATTACHMENTS AND CONNECTORS.
C. PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING METHOD.
D. DETAILS AND ANY OTHER STRUCTURAL DETAILS GERMANE TO THE TRUSSES.
4. UNLESS NOTED OTHERWISE, WOOD TRUSSES SHALL BE DESIGNED AS SIMPLY SUPPORTED UNIFORMLY LOADED TRUSSES WITH THE TOP CHORD BRACED AGAINST LATERAL BUCKLING.
5. TRUSS MANUFACTURER SHALL DETERMINE AND PROVIDE ALL NECESSARY END BLOCKING AND/OR BRIDGING BETWEEN TRUSSES.
6. GENERAL CONTRACTOR SHALL COORDINATE ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS WITH WOOD TRUSS MANUFACTURER. OPENINGS AND ADDITIONAL LOADS REQUIRED FOR PLACEMENT OF THESE COMPONENTS SHALL BE INCORPORATED INTO DESIGN AND COORDINATED ON SHOP DRAWINGS. NO NOTCHES, CUTS OR OTHER MODIFICATIONS MAY BE MADE TO WOOD TRUSS IN FIELD WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE MANUFACTURER'S ENGINEER.
7. MINIMUM TRUSS CHORD MEMBERS SHALL BE 2x4.
8. WOOD ROOF TRUSSES SHALL BE DESIGNED FOR A LIVE LOAD DEFLECTION OF SPAN / 360 AND A DEAD PLUS LIVE LOAD DEFLECTION OF SPAN / 240.
9. TRUSSES SHALL BE DESIGNED FOR A TOP CHORD DEAD LOAD OF 10 POUNDS PER SQUARE FOOT AND A FLOOR LIVE LOAD AS INDICATED ON THE PLAN. TRUSSES SHALL BE DESIGNED FOR A BOTTOM CHORD DEAD LOAD OF 5 PSF AND NO LIVE LOAD UND.

10. WHERE CONCENTRATED LOADS OR OTHER NON-TYPICAL LOADS ARE INDICATED, GENERAL CONTRACTOR SHALL INSURE LOAD IS APPLIED AT TRUSS PANEL POINT, OR ACCEPTABLE DISTANCE FROM PANEL POINT TO BE DETERMINED BY TRUSS DESIGNER WHERE THIS DISTANCE IS EXCEEDED, GENERAL CONTRACTOR SHALL REINFORCE TRUSS PER DIRECTION AND APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE MANUFACTURER'S ENGINEER.

VERIFICATION AND SPECIAL INSPECTION

1. THE PROJECT OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PERFORM INSPECTIONS AND TESTING DURING CONSTRUCTION FOR THE TYPES OF WORK INDICATED BY BC SECTIONS T104, T105, T106, AND T107. SUBMIT DOCUMENTATION THAT SUMMARIZES THE QUALIFICATIONS AND CREDENTIALS OF EACH SPECIAL INSPECTOR AND DEMONSTRATES COMPETENCE FOR THE BUILDING INSPECTOR FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
2. APPROVED SPECIAL INSPECTORS SHALL FURNISH INSPECTION AND TESTING REPORTS TO THE OWNER, ARCHITECT AND BUILDING OFFICIAL AND STRUCTURAL ENGINEER OF RECORD WHICH INDICATES THE WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED CONSTRUCTION DOCUMENTS. REPORTS WHICH DOCUMENT THE RESULTS OF THE SPECIAL INSPECTIONS SHALL BE SUBMITTED PERIODICALLY AT A FREQUENCY APPROVED BY THE BUILDING OFFICIAL PRIOR TO CONSTRUCTION. A FINAL REPORT DOCUMENTING ALL THE WORK HAS BEEN PERFORMED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS SHALL BE SUBMITTED AT THE END OF THE PROJECT.
3. SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION T04.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.
4. SEE THE PROJECT SPECIFICATIONS AND SECTION T04.4 OF THE BUILDING CODE FOR FULL CRITERIA AND EXCEPTIONS FOR INSPECTION REQUIREMENTS.

DEFINITIONS
1. SPECIAL INSPECTION: PERIODIC, A PART-TIME OR INTERMITTENT OBSERVATION WORK BEING PERFORMED REQUIRING A PRESENCE WHEN THE WORK IS BEING PERFORMED AND AFTER COMPLETION OF THE WORK. PRESENCE AT THE JOB SITE SHALL BE WEEKLY AT MINIMUM OR GREATER AS REQUESTED BY THE OWNER.
2. SPECIAL INSPECTION: CONTINUOUS, A FULL-TIME OBSERVATION OF WORK REQUIRING CONTINUOUS JOBSITE PRESENCE WHEN AND WHERE THE WORK IS BEING PERFORMED.

SUBMITTALS / REVISIONS
NO DATE DESCRIPTION
1. SHEET TITLE
2. GENERAL NOTES
3. PROJECT NO. 23042-2 DATE 11/21/2025
DRAWN BY T.JU SCALE
CHECKED BY A.R.Y SHEET NO.
4. PROVIDE ONE ROW OF BRIDGING FOR EACH 8'-0" LENGTH OF ROOF FRAMING MEMBERS.
5. DOUBLE TOP PLATES (2)@24" AT ALL WALLS SHALL BE LAPPED AT CORNERS AND INTERSECTIONS AND FASTENED IN ACCORDANCE WITH TABLE 2304.101 FASTENING SCHEDULE IN THE INTERNATIONAL BUILDING CODE, UNLESS NOTED OTHERWISE. OFFSET DOUBLE PLATE END JOINTS 24" (MIN).
6. WALL SHEATHING NOTED ON STRUCTURAL DRAWINGS SHALL BE ATTACHED DIRECTLY TO THE FACE OF FRAMING MEMBERS SEE ARCHITECTURAL DRAWINGS FOR ALL NON-STRUCTURAL SHEATHING REQUIREMENTS. WHERE ARCHITECTURAL DRAWINGS REQUIRE ADDITIONAL SHEATHING, SUCH SHEATHING SHALL BE ATTACHED TO THE OUTSIDE FACE OF STRUCTURAL SHEATHING.
7. ANCHOR, ALL EXTERIOR, INTERIOR, LOAD BEARING AND SHEAR WALLS TO ANCHOR RODS OR EPOXY ANCHORS PER STRUCTURAL DRAWINGS. OTHER WALLS (WALLS NOT ON THICKENED SLABS OR TURNDOWNS) SHALL BE ANCHORED TO SLAB USING POWDER ACTUATED FASTENERS WITH 0.14" Ø AND EMBEDMENT OF 3/4" AT 12" O.C. (MAX).
8. PROVIDE REINFORCING CHARS FOR ALL SLAB-ON-GRADE REINFORCING.
9. PROVIDE ONE ROW OF BRIDGING FOR EACH 8'-0" LENGTH OF ROOF FRAMING MEMBERS.

ALPHA BLDG SET
01-15-2026
SHEET TITLE
GENERAL NOTES
PROJECT NO. 23042-2 DATE 11/21/2025
DRAWN BY T.JU SCALE
CHECKED BY A.R.Y SHEET NO.
S0.01

PLACE
STAMP
HERE



GEORGIA

FACTORY SHOALS PARK_SOUTHSIDE
RESTROOM BUILDING
PREPARED FOR:
NEWTON COUNTY, GEORGIA

COVINGTON

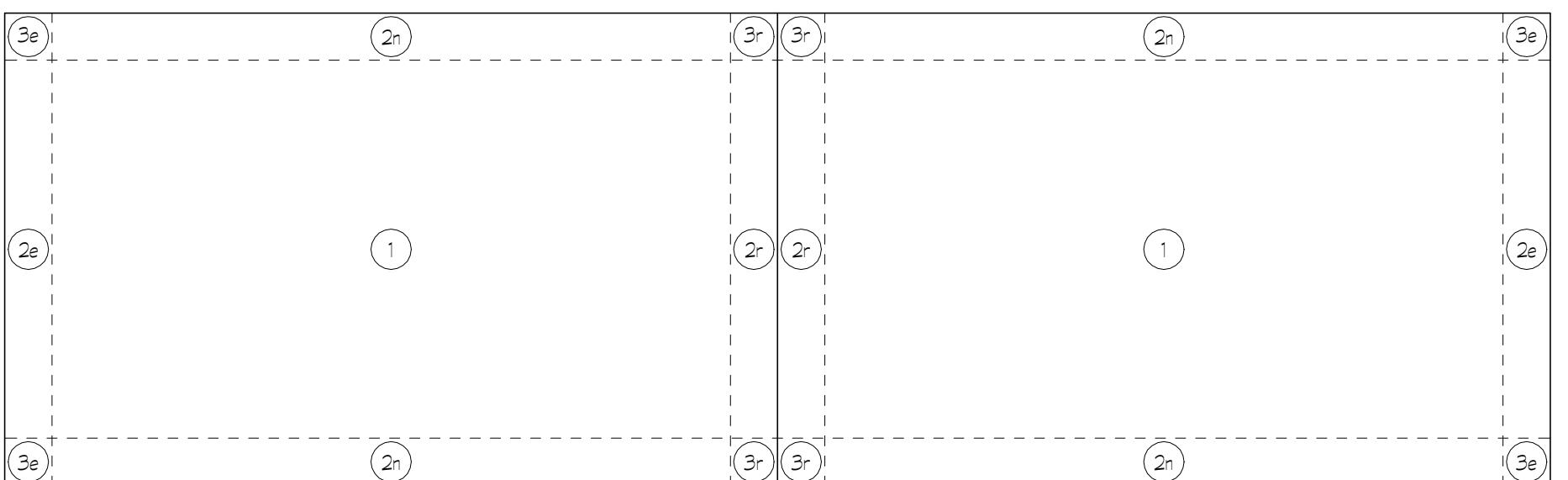
SUBMITTALS / REVISIONS
NO DATE DESCRIPTION

SHEET TITLE

GENERAL NOTES

PROJECT NO. 23042-2 DATE 11/21/2025
DRAWN BY T.J.U. SCALE
CHECKED BY A.R.Y. As indicated
SHEET NO.

S0.02

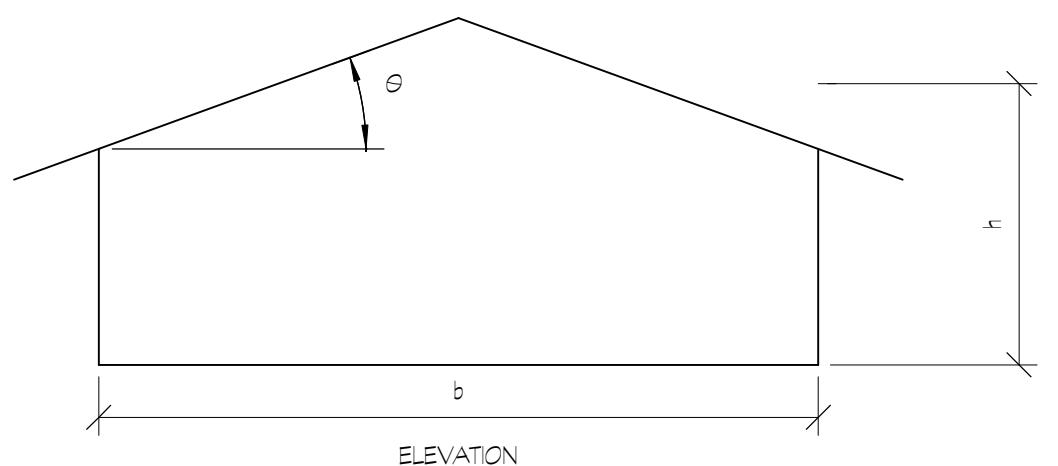


ROOF UPLIFT DIAGRAM

ROOF PLAN

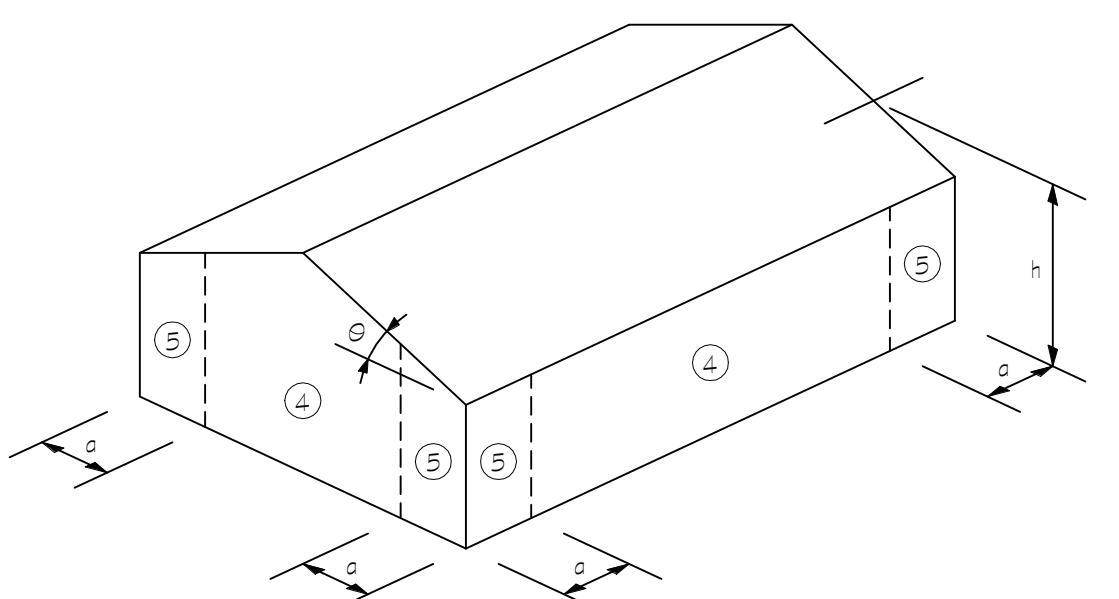
COMPONENTS AND CLADDING ROOF (ENCLOSED)
80.6 MPH EXP. 'C' ASD EXTERNAL GROSS PRESSURES (PSF)

A _e (EFFECTIVE AREA)	ZONE 1	ZONE 2a	ZONE 2r	ZONE 2b	ZONE 3a	ZONE 3r
A _e =10 SQ. FT.	+0.6,-23.6	+0.6,-23.6	+0.6,-34.4	+0.6,-34.4	+0.6,-34.4	+0.6,-40.9
A _e =20 SQ. FT.	+0.6,-23.6	+0.6,-23.6	+0.6,-29.7	+0.6,-29.7	+0.6,-29.7	+0.6,-35.0
A _e =50 SQ. FT.	+0.6,-14.3	+0.6,-14.3	+0.6,-23.6	+0.6,-23.6	+0.6,-23.6	+0.6,-27.3
A _e =200 SQ. FT.	+0.6,-9.6	+0.6,-9.6	+0.6,-14.3	+0.6,-14.3	+0.6,-14.3	+0.6,-21.4



NOTES:
a = 10% OF LEAST HORIZONTAL DIMENSION OR 0.4H, WHICHEVER IS SMALLER, BUT NOT LESS THAN EITHER 4% OF LEAST HORIZONTAL DIMENSION OR 3 FT (0.9m)

h = MEAN ROOF HEIGHT, IN FT (m), EXCEPT THAT EAVE HEIGHT SHALL BE USED FOR $8 \leq 10'$



WALL ELEVATION

COMPONENTS AND CLADDING WALL (ENCLOSED)
80.6 MPH EXP. 'C' ASD EXTERNAL GROSS PRESSURES (PSF)

A _e (EFFECTIVE AREA)	ZONE 4	ZONE 5	NOTES
A _e =10 SQ. FT.	+12.8,-13.6	+12.8,-17.1	
A _e =20 SQ. FT.	+12.2,-13.3	+12.2,-15.9	
A _e =50 SQ. FT.	+11.4,-12.5	+11.4,-14.4	
A _e =200 SQ. FT.	+10.3,-11.4	+10.3,-12.1	

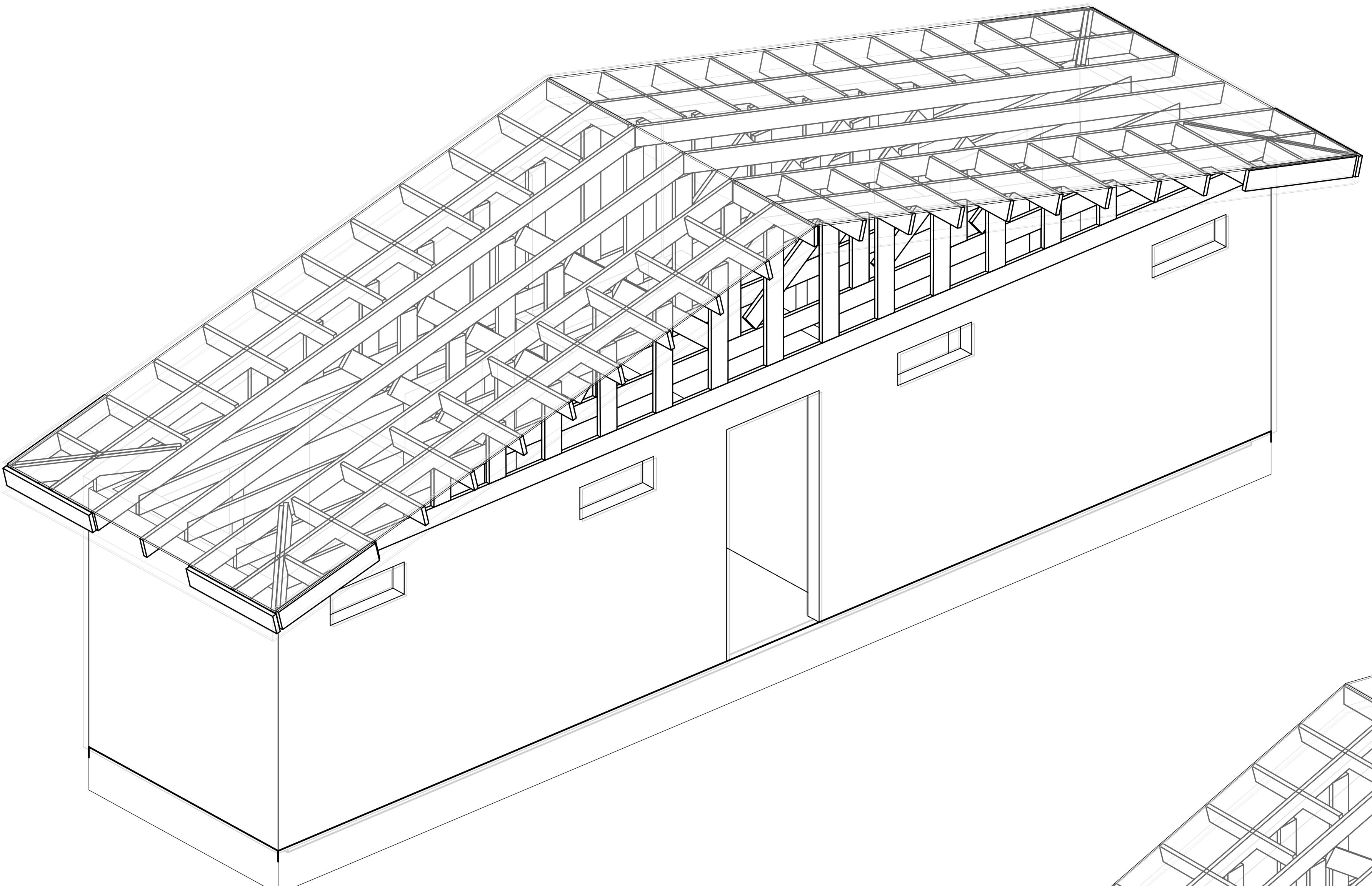
NOTES:
1. INTERPOLATION MAY BE UTILIZED FOR EFFECTIVE AREAS THAT OCCUR BETWEEN VALUES SHOWN ON THE TABLE.
2. PLUS AND MINUS SIGN INDICATES THE PRESSURE ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.
3. FORCES AND DIAGRAMS ARE BASED ON IBC/ASCE 7.
4. NET PRESSURES CAN BE ACHIEVED BY SUBTRACTING 5 PSF FROM THE ABOVE ROOF VALUES ONLY. NO FURTHER REDUCTION IS PERMITTED.



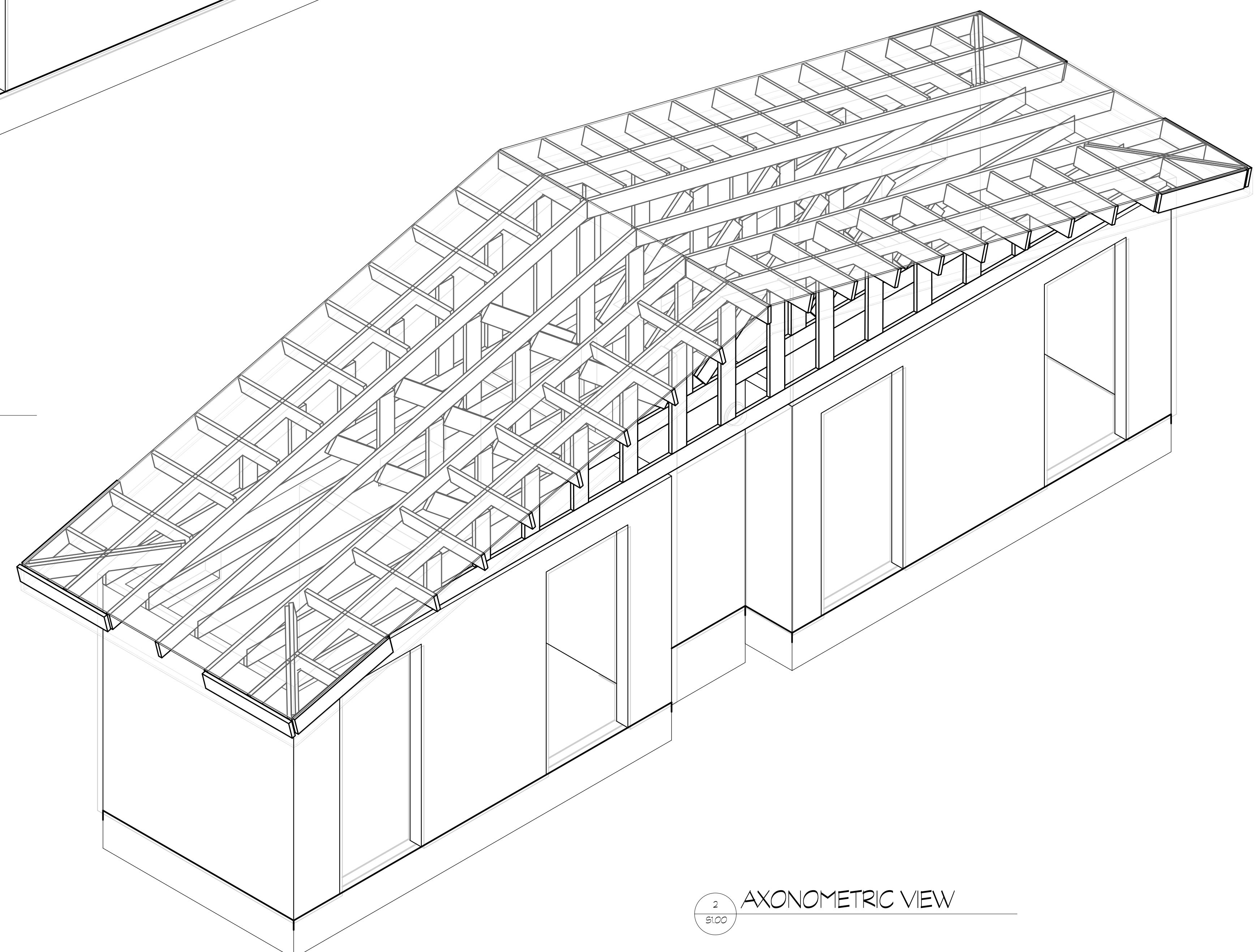
Table 2304.10.1 - Fastening Schedule

Table 2304.10.1 - Fastening Schedule			
DESCRIPTION OF BUILDING ELEMENTS	ILLUSTRATION	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
Roof			
1. Blocking between ceiling joists, rafters, or trusses to top plate or other framing below.		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss		2-8d common (2 1/2" x 0.131"); 2-3" x 0.131" nails; 2-3" 14 gage staples	Each end, toenail
		2-16d common (3 1/2" x 0.162"); 3-3" x 0.131" nails; 3-3" 14 gage staples	End nail
Flat Blocking to truss and web filler		16d common (3 1/2" x 0.162") @ 6" o.c. 3" x 0.131" nails @ 6" o.c. 3" x 14 gage staples @ 6" o.c.	Face nail
2. Ceiling joists to top plate		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Each joist, toenail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thrust)		3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
4. Ceiling joist attached to parallel rafter (heel joint) (see Section 2308.7.3.1, Table 2308.7.3.1)		Per Table 2308.7.3.1, min of 3-16d common (3 1/2" x 0.162")	Face nail
5. Collar tie to rafter		3-10d common (3" x 0.148"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Face nail
6. Rafter or roof truss to top plate (See Section 2308.7.5, Table 2308.7.5)		3-10 common (3" x 0.148"); or 3-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail
7. Roof rafters to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown; or	End nail
		3-10d common (3" x 0.148"); or 4-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	Toenail
Wall			
8. Stud to stud (not at braced wall panels)		16d common (3 1/2" x 0.162");	24" o.c. face nail
		10d box (3" x 0.128"); or 3" x 0.131" nails; or 3-3" 14 gage staples 7/16" crown	16" o.c. face nail
9. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	16" o.c. face nail
		12" o.c. face nail	12" o.c. face nail
10. Built-up header (2" to 2" header)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135")	16" o.c. each edge, face nail
			12" o.c. each edge, face nail
11. Continuous header to stud		4-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128")	Toenail
12. Top plate to top plate		16d common (3 1/2" x 0.162"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	16" o.c. face nail
		12" o.c. face nail	12" o.c. face nail
13. Top plate to top plate, at end joints		8-16d common (3 1/2" x 0.162"); or 12-10d box (3" x 0.128"); or 12-3" x 0.131" nails; or 12-3" 14 gage staples, 7/16" crown	Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)
14. Bottom plate to joist, rim joist, band joist, or blocking (not at braced wall panels)		16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown	16" o.c. face nail
		12" o.c. face nail	12" o.c. face nail
15. Bottom plate to joist, rim joist, band joist, or blocking at braced wall panels		2-16d common (3 1/2" x 0.162"); or 3-16d box (3" x 0.135"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown	16" o.c. face nail
		4-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown; or	Toenail
16. Stud to top or bottom plate		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	End nail
		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail
17. Top plates, laps at corners and intersections		2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown	Face nail
18. 1" brace to each stud and plate		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown	Face nail
19. 1" x 6" sheathing to each bearing		2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")	Face nail
20. 1" x 8" and wider sheathing to each bearing		3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128")	Face nail
Floor			
21. Joist to sill, top plate, or girder			3-8d common (2 1/2" x 0.131") @ 31" on center, floor 3-10d box (3" x 0.128") @ 31" on center, floor 3-3" x 0.131" nails, or 3-3" 14 gage staples, 7/16" crown
22. Rim joist, band joist, or blocking to top plate, sill or other framing below			8d common (2 1/2" x 0.131"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown
23. 1" x 6" subfloor or less to each joist			6" o.c., toenail
24. 2" subfloor to joist or girder			Face nail
25. 2" planks (plank & beam - floor & roof)			Each bearing, face nail
26. Built-up girders and beams, 2" lumber layers			20d common (4" x 0.192") 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown
27. Ledger strip supporting joists or rafters			2-20d common (4" x 0.192"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown
28. Joist to band joist or rim joist			3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown
29. Bridging or blocking to joist, rafter or truss			2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
Wood structural panels (WSP), subfloor, roof and interior wall sheathing to framing and particleboard wall sheathing to framing			
30. 3/8" - 1/2"			Edges (inches)
			Intermediate supports (inches)
		6d common or deformed (2" x 0.113") (subfloor and wall)	6
		8d common or deformed (2 1/2" x 0.131") (roof) or RSRS-01 (2 3/8" x 0.113") nail (roof)d	6
		2 3/8" x 0.113" nail (subfloor and wall)	6
		1 3/4" 16 gage staple, 7/16" crown (subfloor and wall)	4
		2 3/8" x 0.113" nail (roof)	4
31. 19/32" - 3/4"		1 3/4" 16 gage staple, 7/16" crown (roof)	3
		8d common (2 1/2" x 0.131"); or 6d deformed (2" x 0.113") (subfloor and wall)	6
		8d common or deformed (2 1/2" x 0.131") (roof) or RSRS-01 (2 3/8" x 0.113") nail (roof)d	6
		2 3/8" x 0.113" nail; or 2" 16 gage staple, 7/16" crown	4
		10d common (3" x 0.148"); or 8d deformed (2 1/2" x 0.131")	6
Other exterior wall sheathing			
33. 1 1/2" fiberboard sheathingb		1 1/2" galvanized roofing nail (7/16" head diameter); or 1 1/4" 16 gage staple with 7/16" or 1" crown	3
			6
34. 25/32" fiberboard sheathingb		1 3/4" galvanized roofing nail (7/16" diameter head); or 1 1/2" 16 gage staple with 7/16" or 1" crown	3
			6
Wood structural panels, combination subfloor underlayment to framing			
35. 3/4" and less		8d common (2 1/2" x 0.131"); or 6d deformed (2" x 0.113")	6
36. 7/8" - 1"		8d common (2 1/2" x 0.131"); or 8d deformed (2 1/2" x 0.131")	6
37. 1 1/8" - 1 1/4"		10d common (3" x 0.148"); or 8d deformed (2 1/2" x 0.131")	6
Panel siding to framing			
38. 1/2" or less		6d corrosion-resistant siding (1 7/8" x 0.106"); or 6d corrosion-resistant casing (2" x 0.099")	6
39. 5/8"		8d corrosion-resistant siding (2 3/8" x 0.128"); or 8d corrosion-resistant casing (2 1/2" x 0.113")	6
Interior paneling			
40. 1/4"		4d casing (1 1/2" x 0.080"); or 4d finish (1 1/2" x 0.072")	6
41. 3/8"		6d casing (2" x 0.099"); or 6d finish (Panel supports at 24 inches)	6
For SI: 1 inch = 25.4mm			
a. Nails spaced at 6 inches at intermediate supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2305. Nails for wall sheathing are permitted to be common, box or casing.			
b. Spacing shall be 6 inches on center on the edges and 12 inches on center at intermediate supports for nonstructural applications. Panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked).			
c. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule and the ceiling joist is fastened to the top plate in accordance with this schedule, the number of toenails in the rafter shall be permitted to be reduced by one nail.			
d. RSRS-01 is a Roof Sheathing Ring Shank nail meeting the specifications in ASTM F1667.			

ALPHA BLDG SET 01-15-2026



1 AXONOMETRIC VIEW
S1.00



2 AXONOMETRIC VIEW
S1.00

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PLACE
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HERE



GEORGIA

FACTORY SHOALS PARK_SOUTHSIDE
RESTROOM BUILDING

PREPARED FOR:
NEWTON COUNTY, GEORGIA

COVINGTON

SUBMITTALS / REVISIONS
NO DATE DESCRIPTION

SHEET TITLE
**AXONOMETRIC
VIEW**

PROJECT NO. 23042-2 DATE 11/21/2025
DRAWN BY T.J.U. SCALE
CHECKED BY A.R.Y.
SHEET NO.

S1.00



GEORGIA

NEWTON COUNTY, GEORGIA

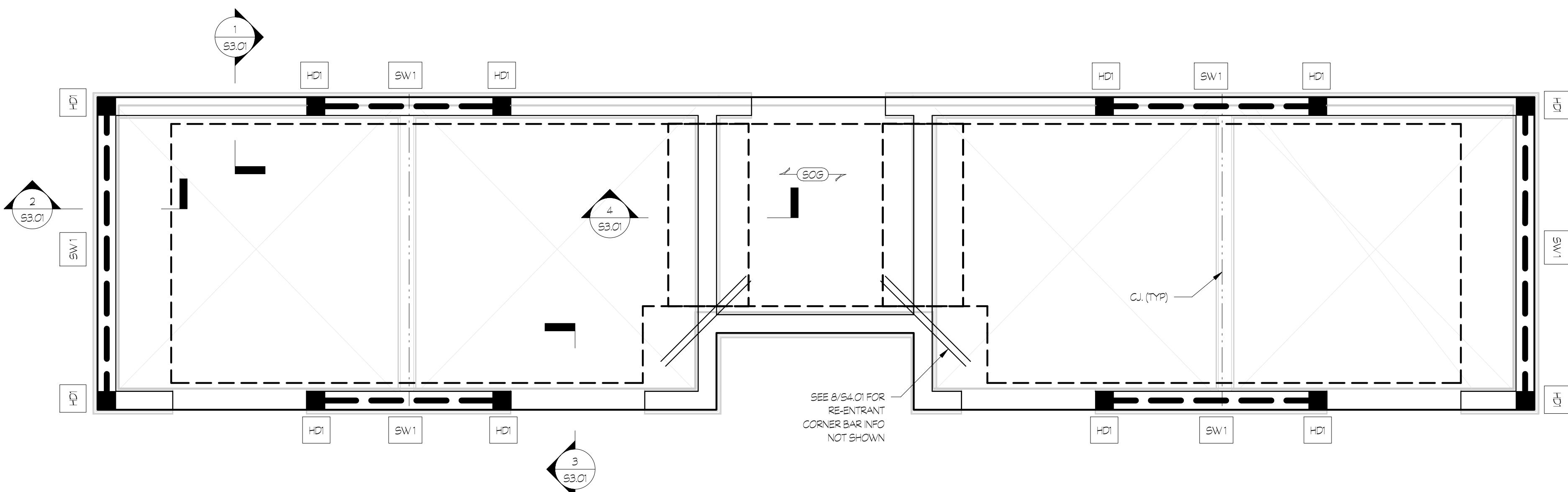
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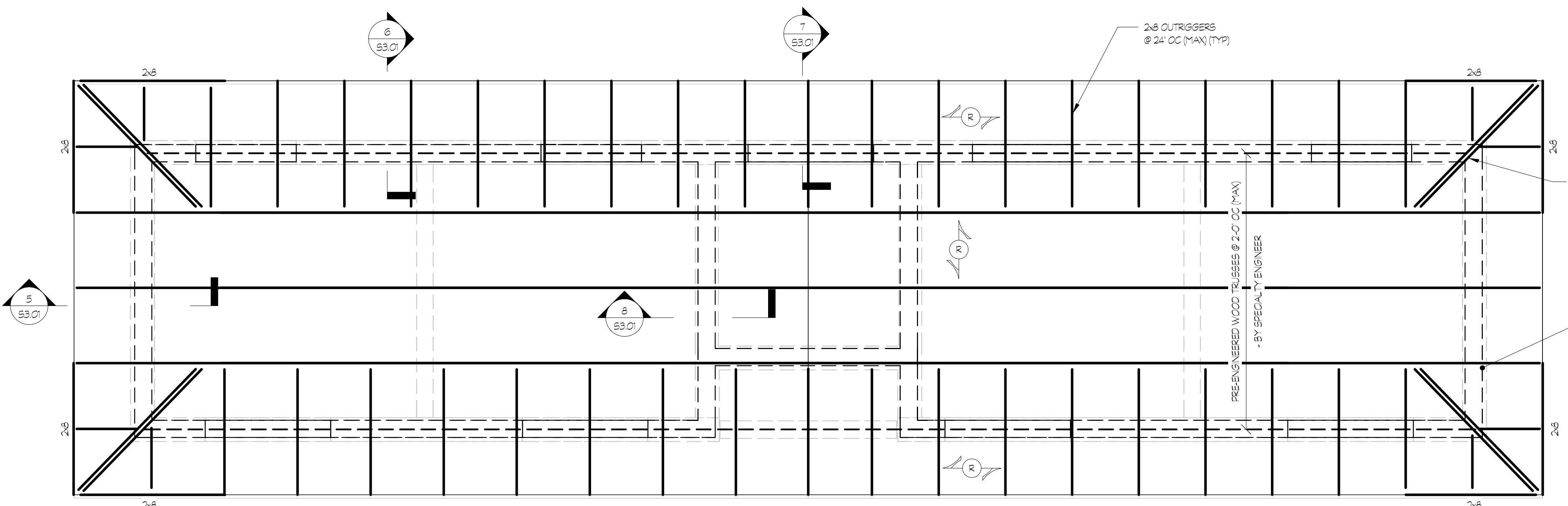




FOUNDATION PLAN

1
S1.01

1/2" = 1'-0"



ROOF FRAMING PLAN

FOUNDATION AND SLAB NOTES:

1.  SLAB ON GRADE SHALL BE 4" CONC SLAB (3000 PSI) ON 10 MIL (MIN) VAPOR RETARDER ON 4" FLOOR SLAB BASE MATERIAL W/(1) LAYER 6x6-W1.4x1.4 WWF 1" FROM TOP OF SLAB, UNO ON PLAN. ALL SLOPES TO DRAINS SHALL BE ACCOMMODATED BY SLOPING BOTTOM AND TOP OF SLAB AT THE SAME RATE (SEE 5/S4.01). FFE = + 0'-0"
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
3. "CJ" INDICATES CONTROL/CONSTRUCTION JOINTS IN SLAB ON GRADE. SEE 6/S4.01 FOR ADDL INFORMATION WTHR REGARD TO CONTROL JOINT REQUIREMENTS ADDITIONAL INFORMATION.
4. SWx INDICATES 2x @ 24" OC TIMBER SHEAR WALL. FASTEN SHEATHING AS INDICATED ON S4.02
5.  INDICATES HOLDDOWN - SEE 6/S4.02 FOR MORE INFO
6. WJPA SHALL REVIEW THE PRE-ENGINEERED SHOP DRAWINGS FOR ACTUAL ANTICIPATED LOADS PRIOR TO CONSTRUCTION OF THIS STRUCTURE. SUBMIT SHOP DRAWINGS THROUGH TYPICAL SUBMITTAL PROCESS.

NOTES TO CONTRACTOR:

1. THE CONTRACTOR SHALL REFER TO THE PLUMBING, MECHANICAL, & ELECTRICAL DRAWINGS AND NOTE THE LOCATION OF ALL UNDERGROUND OR UNDER FLOOR PIPING & CONDUITS. THE CONTRACTOR SHALL INCORPORATE ALL FOOTING STEPS NECESSARY PER THE REQUIREMENTS OF ALL UNDERGROUND OR UNDER FLOOR PLUMBING, MECHANICAL, AND ELECTRICAL PIPING. THE CONTRACTOR SHALL REFER TO THE TYPICAL FOUNDATION DETAILS 2 THRU 4/S4.01 WHEN PERFORMING THIS WORK. LOCATION OF ALL STEPPED FOOTINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL STEP FOOTING LOCATIONS SHALL BE SHOWN ON THE FOUNDATION SHOP DRAWINGS AND REVIEWED BY THE SEOR PRIOR TO INSTALLATION.

TYPICAL ROOF FRAMING NOTES:

1.  INDICATES SPAN 5/8" PLYWOOD T&G ROOF SHEATHING. FASTEN TO ALL SUPPORTS WITH 10d COMMON NAILS AT 6" OC EDGE & 12" OC FIELD. ALL JOINTS IN SHEATHING SHALL OCCUR OVER AND BE FASTENED TO COMMON FRAMING MEMBERS OR COMMON BLOCKING. PANELS SHALL BE BLOCKED AT PERIMETER OF ROOF AND AT DIRECTIONAL CHANGES
2. CONTRACTOR SHALL COORDINATE THE LOCATIONS AND SIZES OF ALL ROOF OPENINGS.
3. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN IN STRUCTURAL PLANS.
4. TFE - INDICATES TRUSS BEARING ELEVATION

ROOF LOADS:

ROOF DEAD LOAD @ TRUSSES 10 PSF TOP CHORD

LIVE LOAD:

BOOF LIVE LOAD 30 PSF TOP CHORD

SHEET TITLE

**FOUNDATION &
ROOF FRAMING
PLANS**

PROJECT NO.	DATE
23042-2	11/21/2025
DRAWN BY	SCALE
TJU	As indicated
CHECKED BY	
ARY	
SHEET NO.	

ALPHA BLDG SET 01-15-2026

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GEORGIA

PREPARED FOR:
NEWTON COUNTY, GEORGIA

COVINGTON

FACTORY SHOALS PARK_SOUTHSIDE

RESTROOM BUILDING

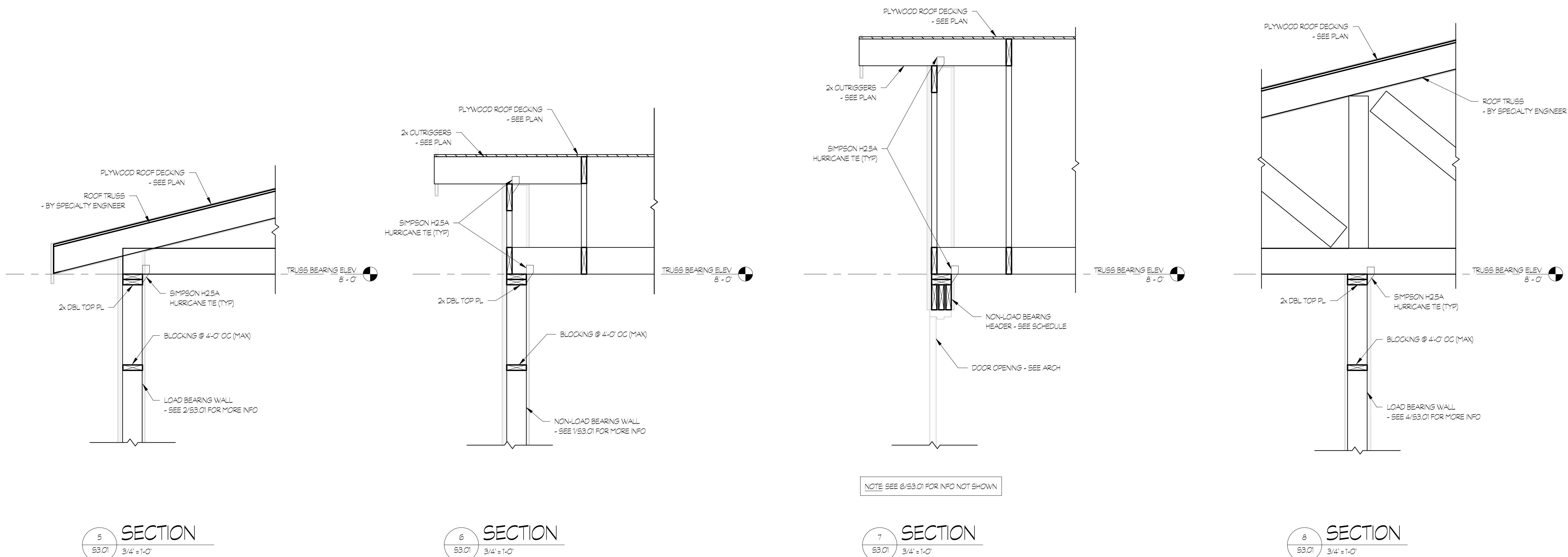
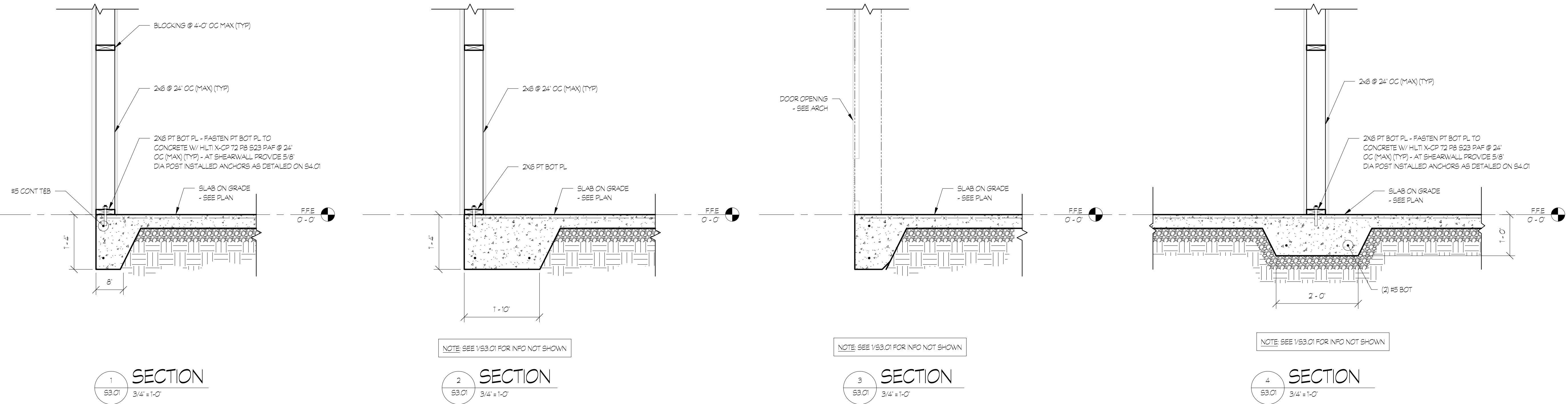
SUBMITTALS / REVISIONS
NO DATE DESCRIPTION

SECTIONS & DETAILS

PROJECT NO. 23042-2 DATE 11/21/2025
DRAWN BY T.JU SCALE
CHECKED BY A.R.Y SHEET NO.

3/4" = 1'-0"

S3.01



NOTE SEE 6/53.01 FOR INFO NOT SHOWN

PROJECT NO. 23042-2 DATE 11/21/2025
DRAWN BY T.JU SCALE
CHECKED BY A.R.Y SHEET NO.

3/4" = 1'-0"

S3.01

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FACTORY SHOALS PARK_SOUTHSIDE
RESTROOM BUILDING

PREPARED FOR:
NEWTON COUNTY, GEORGIA

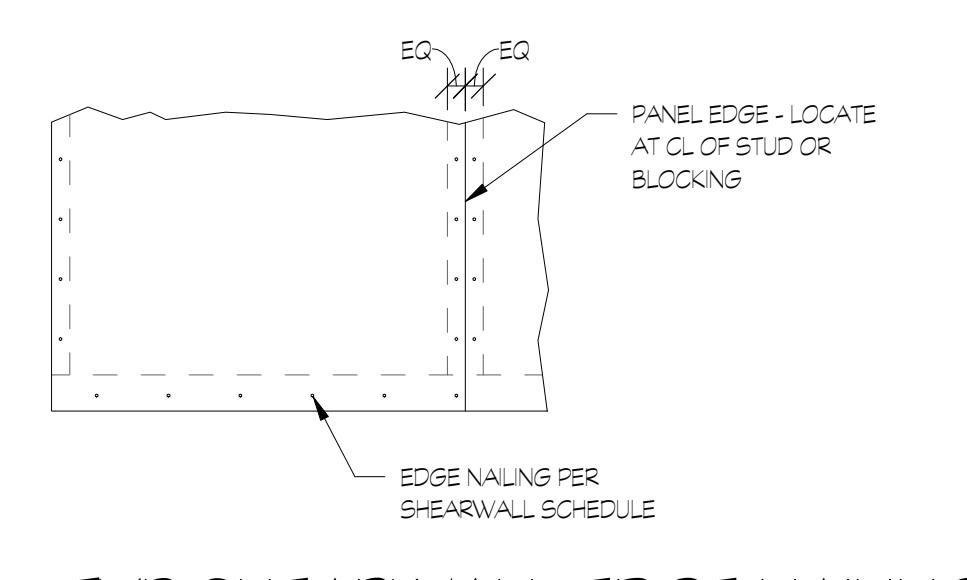
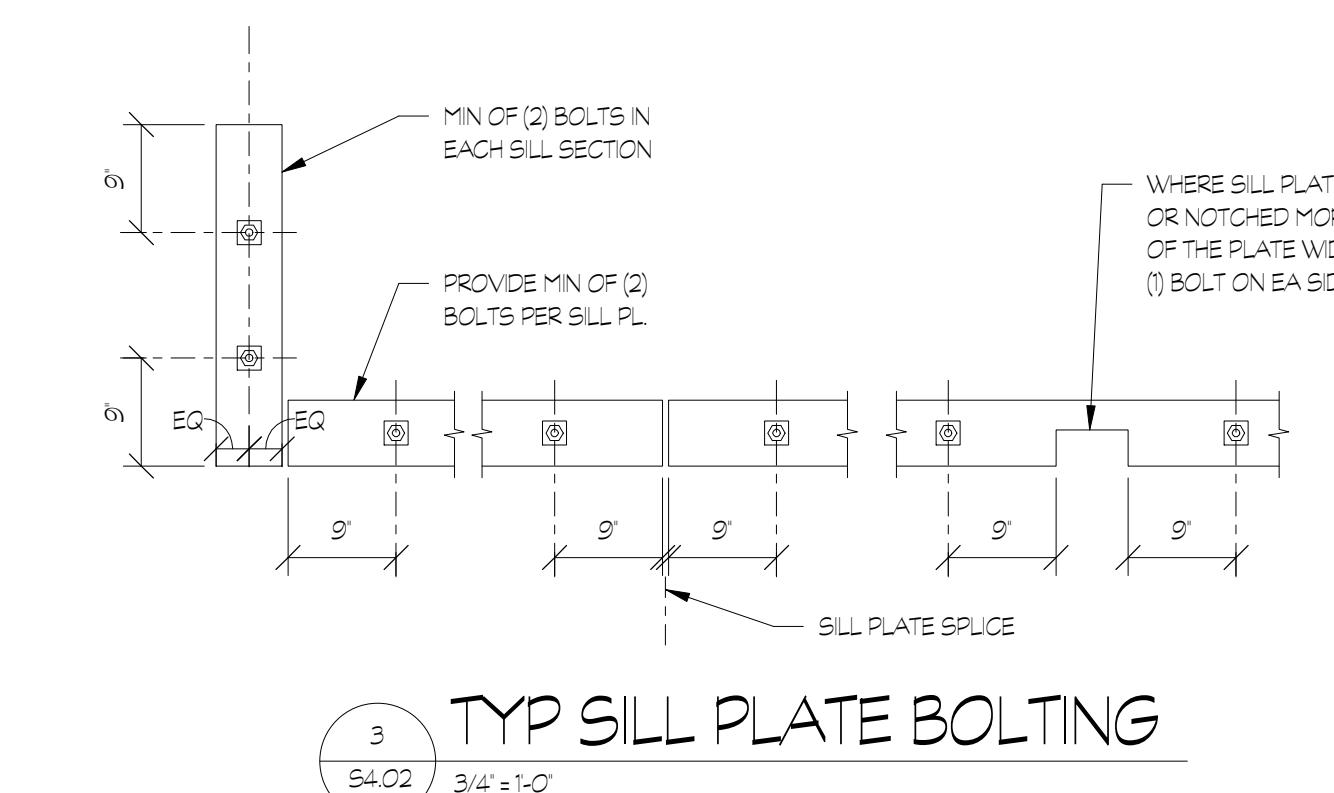
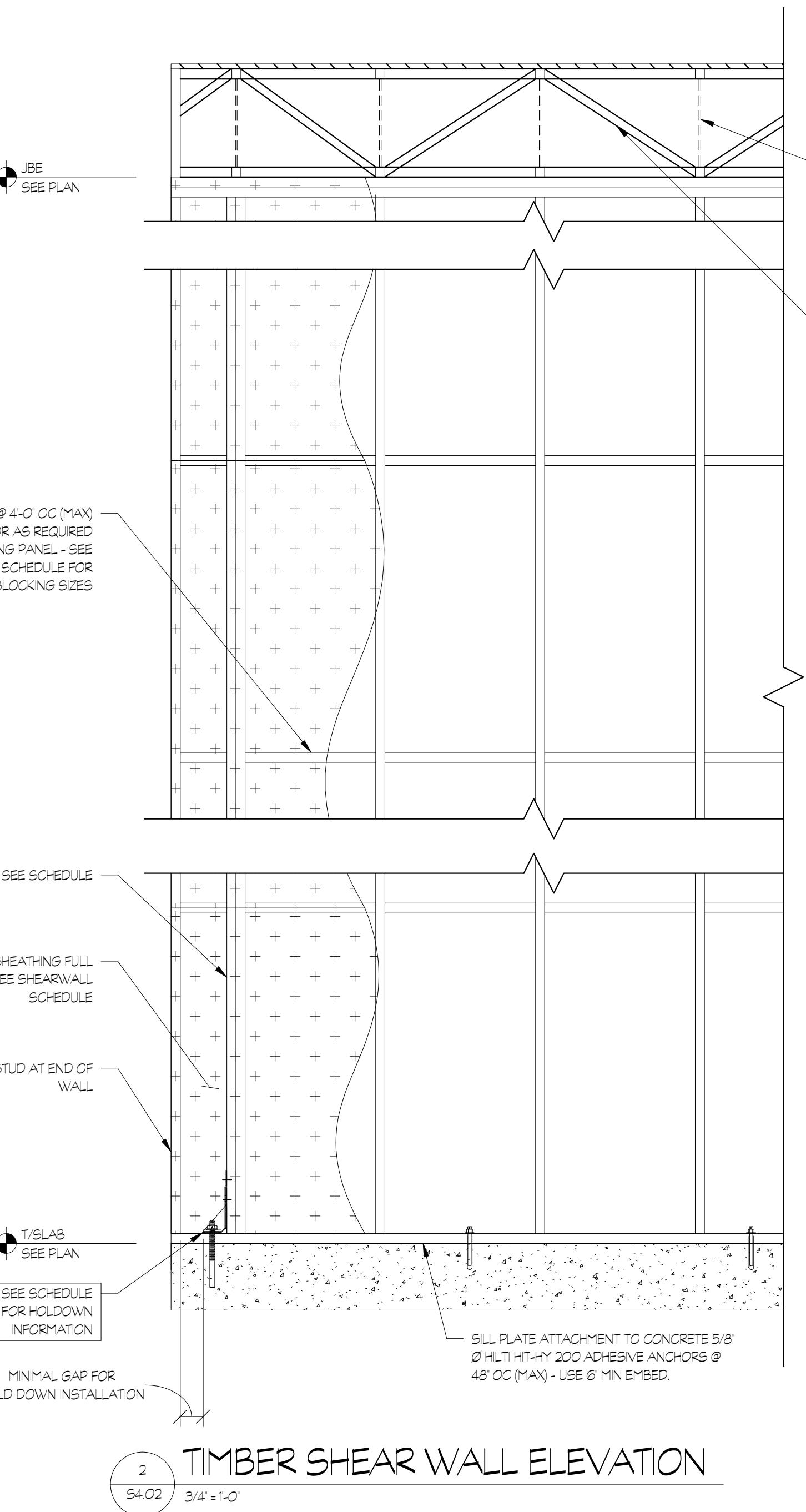
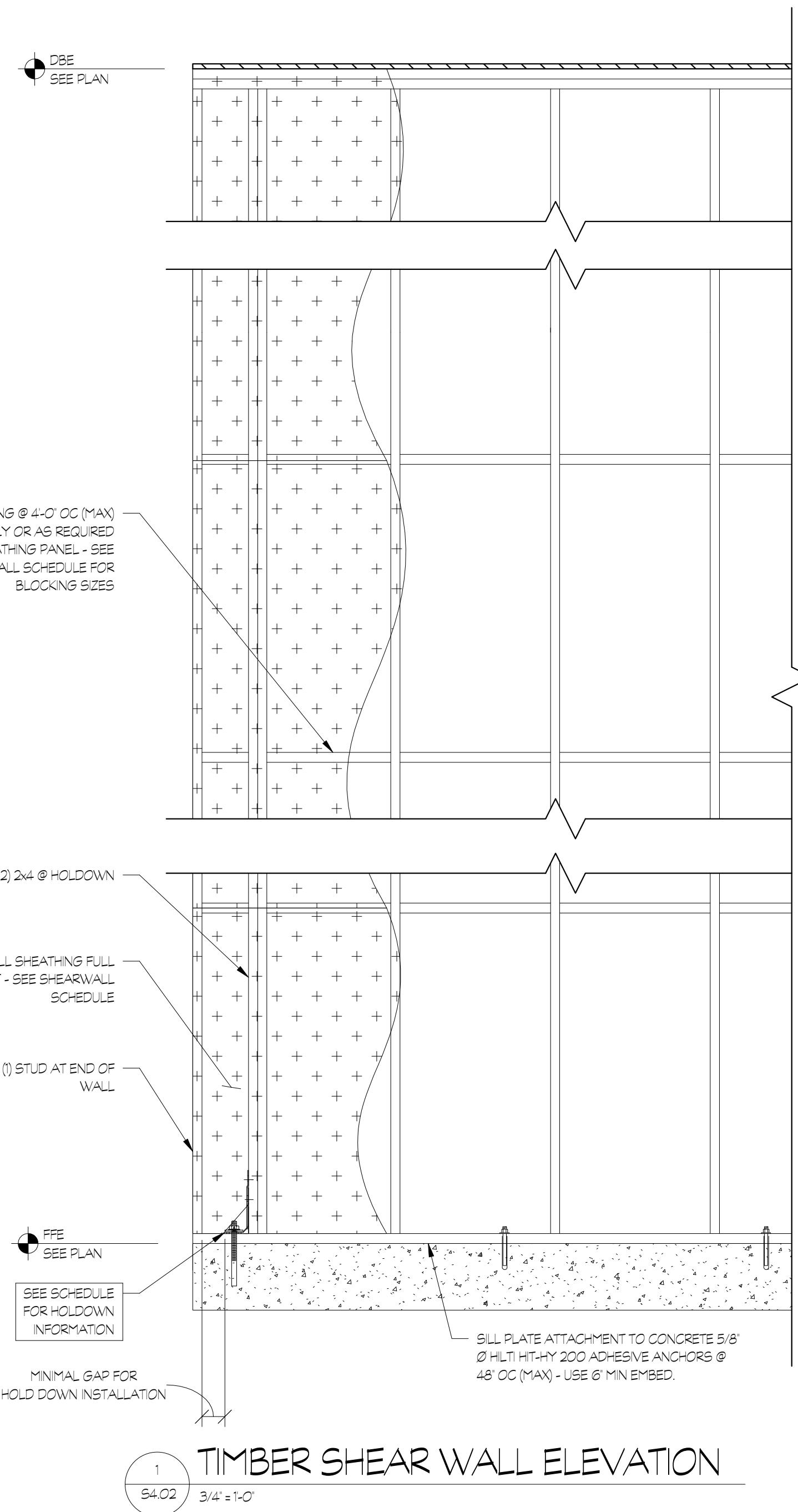
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SUBMITTALS / REVISIONS
NO DATE DESCRIPTION

SHEET TITLE
**TYPICAL
SECTIONS &
DETAILS**

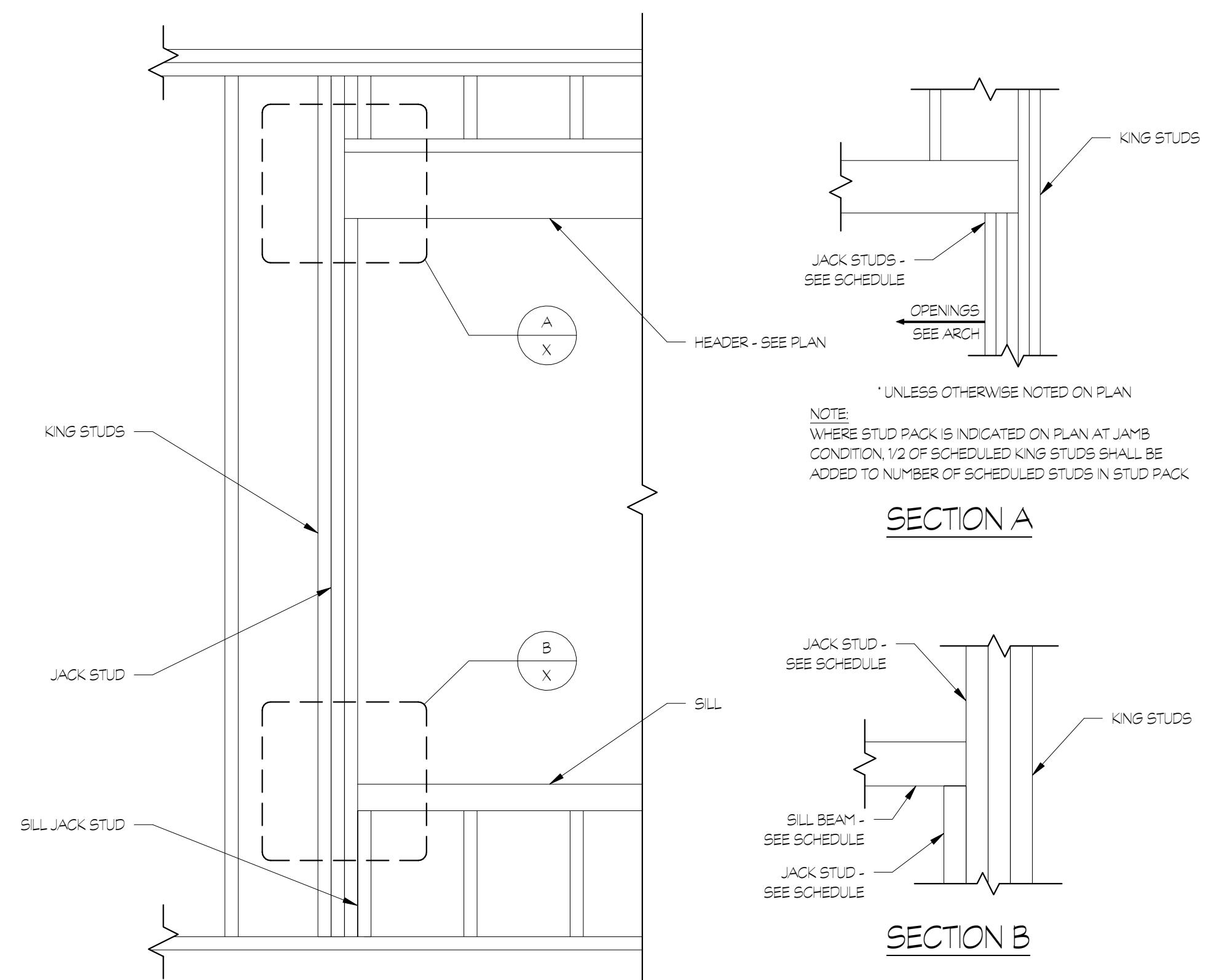
PROJECT NO. 23042-2 DATE 11/21/2025
DRAWN BY TJI SCALE
CHECKED BY ARY SHEET NO.

S4.02



NON LOAD BEARING HEADER SCHEDULE			
SPAN OF OPENING	SIZE OF HEADER	# OF KING STUDS	# OF JACK STUDS
0 - 3'-6"	(2) 2x6 W/ 1/2" PLYWOOD FUTCH PL	2	2
3'-6" - 8'-0"	(2) 2x2 W/ 1/2" PLYWOOD FUTCH PL	3	2

SILL BEAM SCHEDULE	
SPAN OF OPENING	BEAM SIZE
0 - 8'-0"	(2) 2x4
8'-0" - 12'-0"	(3) 2x4



TIMBER SHEAR WALL SCHEDULE						
	DESCRIPTION	STUD SIZE & SPACING	SHEATHING	EDGE SHEATHING ATTACHMENTS	FELD (INTERIOR) SHEATHING ATTACHMENTS	SILL PLATES (NOMINAL SIZE)
SW1	SHEARWALL	2x6 @ 24" OC	7/16 OSB (ONE SIDE)	10x @ 6" OC	10x @ 12" OC	2x6 PT

TIMBER SHEAR WALL SCHEDULE					
MARK	HOLDOWN	ANCHOR ROD	JAMB POST/STUDS	STUD BOLTS	ANCHOR ROD EMBEDMENT
H01	SIMPSON HD58	5/8" DIA	(2) 2x6 STUDS OR (2) 2x4 STUDS	(2) 3/4" DIA BOLTS	5/8" Ø ADHESIVE ANCHOR - USE Hilti H200 W/ 12" MIN EMBEDMENT

SHEARWALL HOLDOWN SCHEDULE

WALL OPENING ELEVATION

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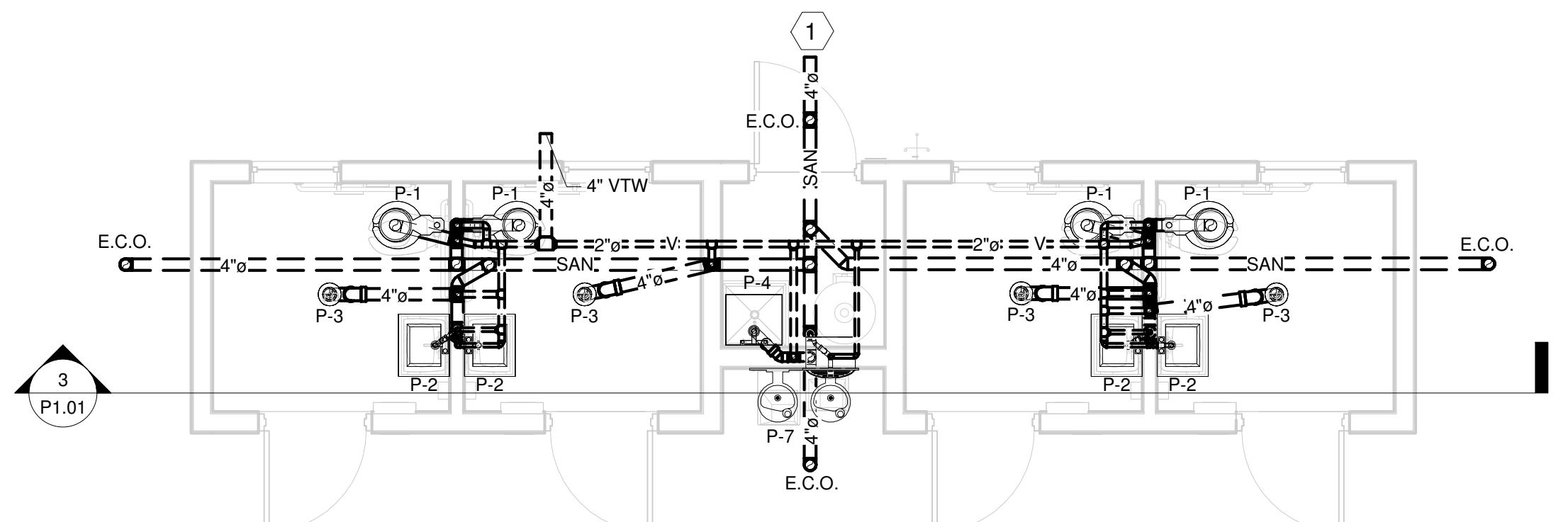
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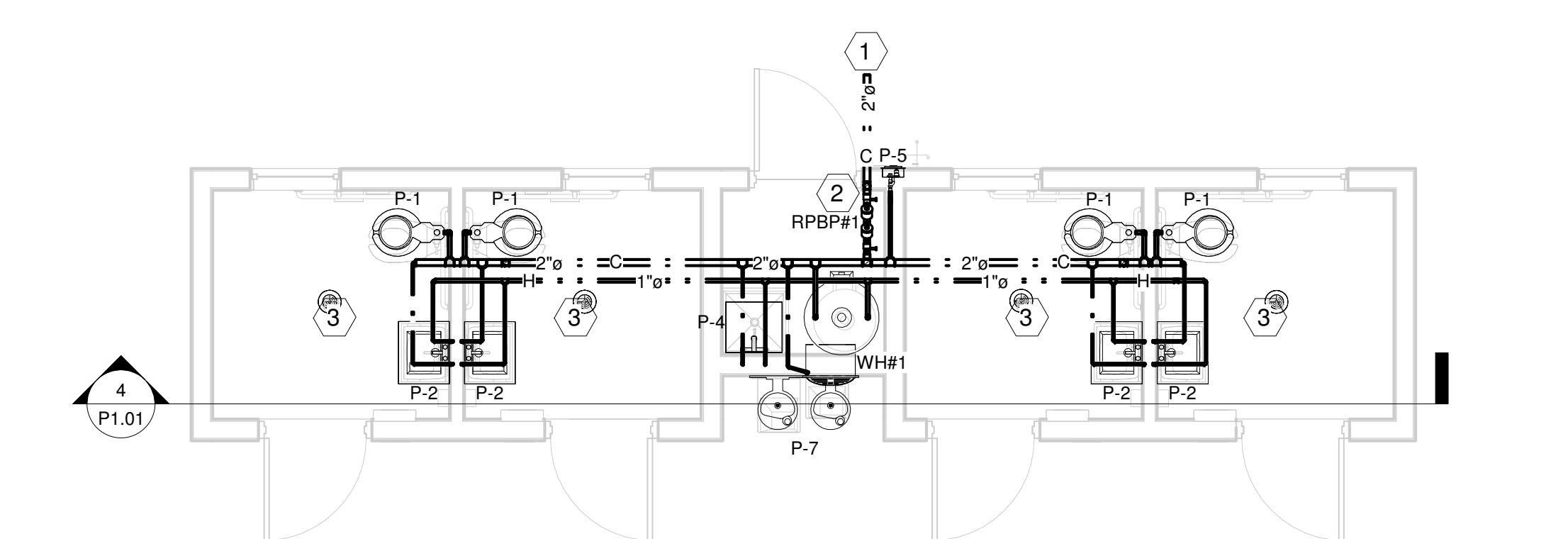
COVINGTON

FACTORY SHOALS PARK SOUTH SIDE
RESTROOM BUILDING



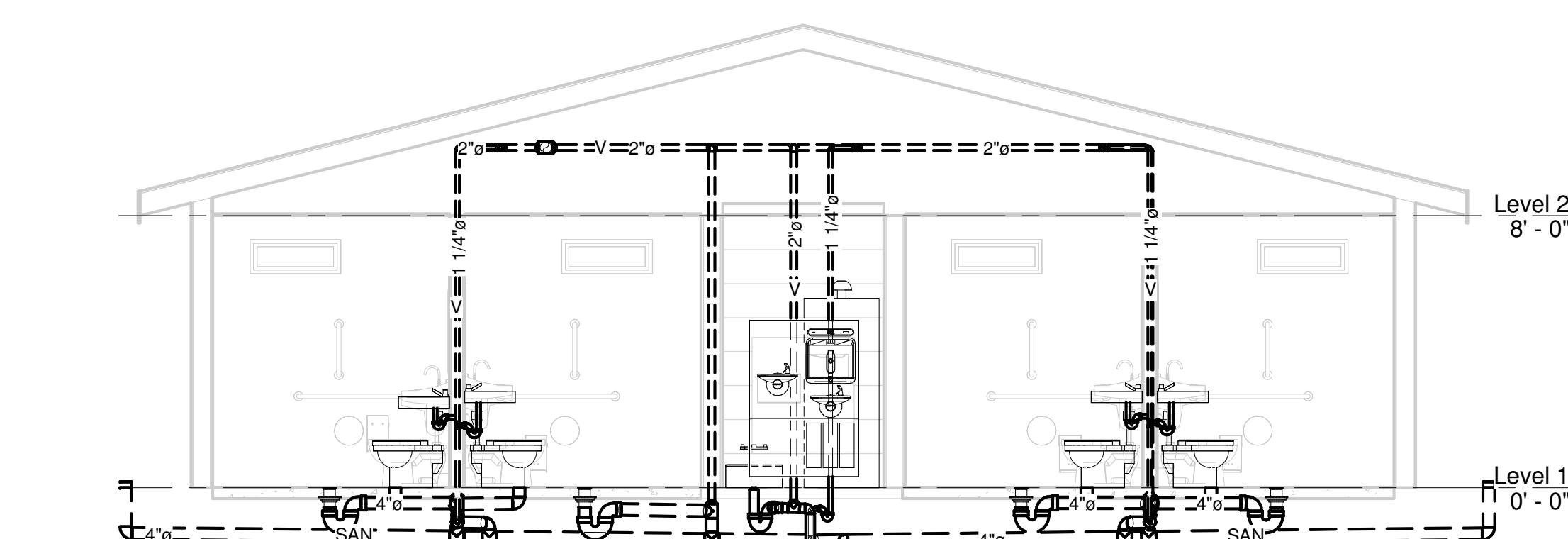
① WASTE & VENT FLOOR PLAN

1/4" = 1'-0"



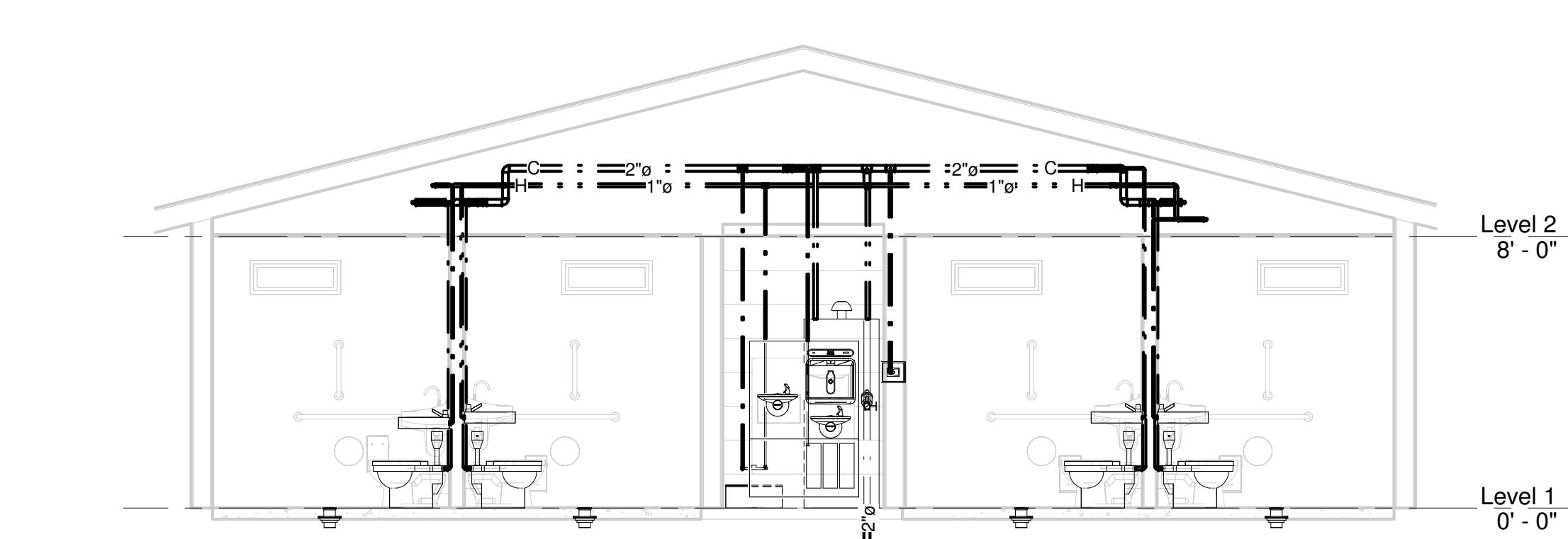
② WATER FLOOR PLAN

1/4" = 1'-0"



③ WASTE & VENT SECTION 1

1/4" = 1'-0"



④ WATER SECTION 1

1/4" = 1'-0"

⑤ WASTE & VENT 3D

GENERAL PLUMBING LEGEND									
— SAN —	— SAN —	— SAN —	— SAN —	— SAN —	— SAN —	— SAN —	— SAN —	— SAN —	— SAN —
— C —	— C —	— C —	— C —	— C —	— C —	— C —	— C —	— C —	— C —
— H —	— H —	— H —	— H —	— H —	— H —	— H —	— H —	— H —	— H —
— V —	— V —	— V —	— V —	— V —	— V —	— V —	— V —	— V —	— V —
P-1	P-1	P-1	P-1	P-1	P-1	P-1	P-1	P-1	P-1
VTW	VTW	VTW	VTW	VTW	VTW	VTW	VTW	VTW	VTW
■	■	■	■	■	■	■	■	■	■
CHECK VALVE	CHECK VALVE	CHECK VALVE	CHECK VALVE	CHECK VALVE	CHECK VALVE	CHECK VALVE	CHECK VALVE	CHECK VALVE	CHECK VALVE
■	■	■	■	■	■	■	■	■	■
BALL VALVE	BALL VALVE	BALL VALVE	BALL VALVE	BALL VALVE	BALL VALVE	BALL VALVE	BALL VALVE	BALL VALVE	BALL VALVE
■	■	■	■	■	■	■	■	■	■
BALANCING VALVE	BALANCING VALVE	BALANCING VALVE	BALANCING VALVE	BALANCING VALVE	BALANCING VALVE	BALANCING VALVE	BALANCING VALVE	BALANCING VALVE	BALANCING VALVE

WATER HEATER SCHEDULE

W.H. #	MANUFACTURER	MODEL #	SYS.	QTY.	K.W.	VOLTAGE	EWT	LWT	GALLON STORAGE	FLOW REC.(GPH)	TANK HT.	TANK DIA.	REMARKS
WH#1	A.O. SMITH	DEN-52	DOM.	1	9.0	240/160	40 F	110 F	50.0	37.0	55"	21"	1.2.3
1. WATER HEATER TO PROVIDE 4.5 KW SIMULTANEOUS DUAL ELEMENT OPERATION.													
2. PROVIDE HEAT TRAP ON PIPING FOR WATER HEATER.													
3. PROVIDE INSULATION COVER OVER WATER HEATER.													

REDUCED PRESSURE BACKFLOW PREVENTER SCHEDULE

RPBP #	MANUFACTURER	MODEL #	QTY.	SIZE	GPM	PRESS. DROP	SERVING
RPBP #1	WATTS	LF009 QT	1	2 INCH	80	10.0 PSIG	DOM. WTR.

Fixture Connection Schedule

P.#	DESCRIPTION	C.W. (IN.)	H.W. (IN.)	WASTE (IN.)	VENT (IN.)	NOTES
P-1	WATER CLOSET (FLOOR MTD., FLUSH VALVE, HANDICAP ACCESSIBLE)	1	-	4	2	1.2.5
P-2	LAVATORY (WALL MTD., HANDICAP ACCESSIBLE)	1/2	1/2	1 1/4	1 1/4	1.3.5
P-3	FLOOR DRAIN	---	---	4	2	4.5
P-4	JANITOR'S SINK	1/2	1/2	3	2	4.5
P-5	WALL HYDRANT (FREEZE PROOF)	3/4	---	---	---	4.5
P-6	WALL HYDRANT	3/4	---	---	---	4.5
P-7	DRINKING FOUNTAIN (H/LOW, S.S., HANDICAP ACCESSIBLE)	1/2	---	1 1/4	1 1/4	4.5

1. EQUALS BY EJER, KOHLER, CRANE, OF APPROVED EQUAL QUALITY.

2. PROVIDE MIN. 18" HIGH AIR CHAMBER.

3. PROVIDE INSULATE WASTE & WATER WITH TRUEBRO HANDI LAV-GUARD SYSTEM FOR ALL ACCESSIBLE LAVATORIES.

4. EQUALS BY ZURN, JR SMITH, WADE, OASIS.

5. ALL FIXTURES TO BE APPROVED BY THE OWNER.

PLUMBING FIXTURES:

P-1 WATER CLOSET (HANDICAP ACCESSIBLE)
AMERICAN STANDARD #3461.712 FLOOR MOUNTED AT 17" AFF, VITREOUS CHINA, 1-1/2" TOP-SPUD, ELONGATED RIM TOILET; ZURN #ZER6000PL-HET-CPM BATTERY SENSOR FLUSH VALVE(1.28GPF), PUSH BUTTON CAN NOT BE MORE THAN 36" AFF; CENTOCO #500CCSS OPEN FRONT SEAT WITH COVER.

P-2 LAVATORY (HANDICAP ACCESSIBLE)
AMERICAN STANDARD #0355.012 WALL MOUNTED AT 34" AFF, VITREOUS CHINA, WITH CONCEALED WALL HANGER (PROVIDE ZURN #Z-1251 FOR 4" BLOCK WALL); ZURN #Z86100-XL PUSH-BUTTON METERING FAUCET WITH (.5 GPM) AERATOR, POLISHED CHROME-PLATED, FAUCET HOLES 4" ON CENTER; MC GUIRE #155W OFFSET HANDICAP GRID DRAIN, MC GUIRE #H-216SLK SUPPLY PIPES, STOP VALVES, AND P-TRAP, THERMOSTATIC MIXING VALVE. PROVIDE AN ADSE STAINLESS STEEL SINK ENCLOSURE. (PROVIDE HARDWIRED SENSOR FAUCET AS AN UPGRADE ALTERNATE).

P-3 FLOOR DRAIN
J.R. SMITH #2005, DUCO CAST IRON BODY WITH FLASHING COLLAR AND ADJUSTABLE STRAINER.

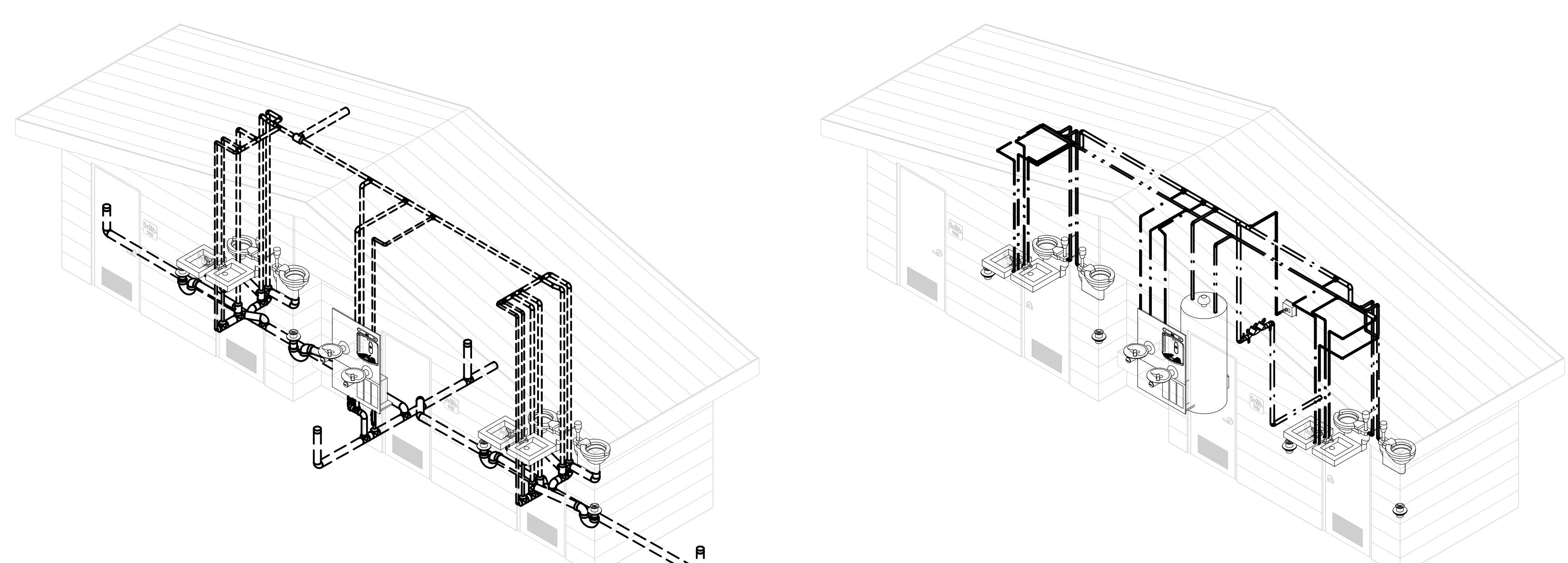
P-4 JANITOR'S SINK
FIAT #MSB2424 MOP SINK WITH 830-AA SERVICE FAUCET, MC GUIRE H-2165 SUPPLIES W/STOPS AND P-TRAP.

P-5 WALL HYDRANT(FREEZE PROOF)
WOODFORD #865 WALL HYDRANT WITH BOX AND DOOR

P-6 WALL HYDRANT
WOODFORD #874 WALL HYDRANT WITH BOX AND DOOR, PROVIDE VACUUM BREAKER WITH WALL HYDRANT.

P-7 DRINKING FOUNTAIN (HANDICAP ACCESSIBLE, H/LOW, WITH BOTTLE FILLER)
HALSEY TAYLOR #HTB-OVLSEBP-I, STAINLESS STEEL TOP AND BODY, WITH BOTTLE FILLER. PROVIDE STOP, SUPPLY, TRAP, ETC., TO MAKE A COMPLETE INSTALLATION. 1/2" C.W., 1 1/4" SAN. MOUNT 33" LOW TO SPOUT AND 38" HIGH TO SPOUT.

ALPHA BLDG SET 01-15-2026



SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

SHEET TITLE		
PLUMBING FLOOR PLANS, SECTIONS, 3D, & SCHEDULES		
PROJECT NO.	DATE	
23042-1	11/21/2025	
DRAWN BY	SCALE	
TMH		
CHECKED BY		
TMH	As indicated	
SHEET NO.		

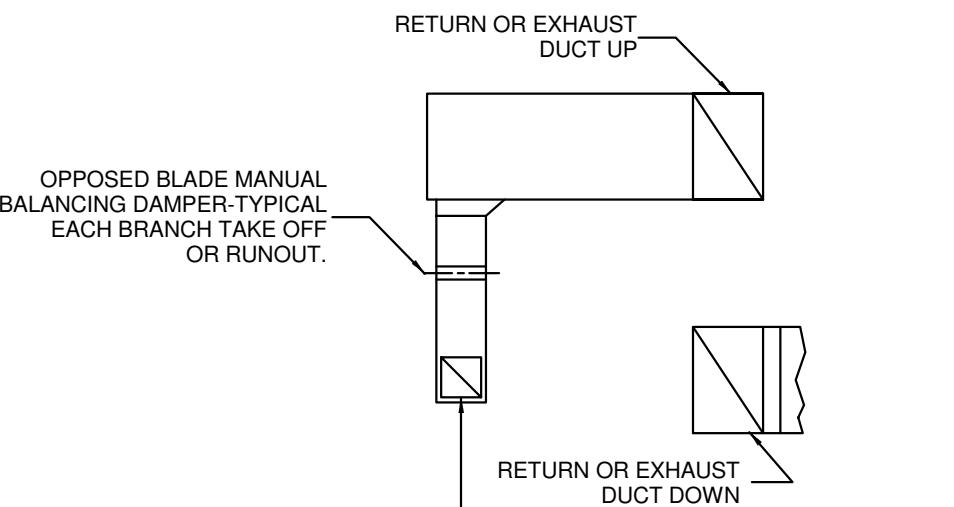
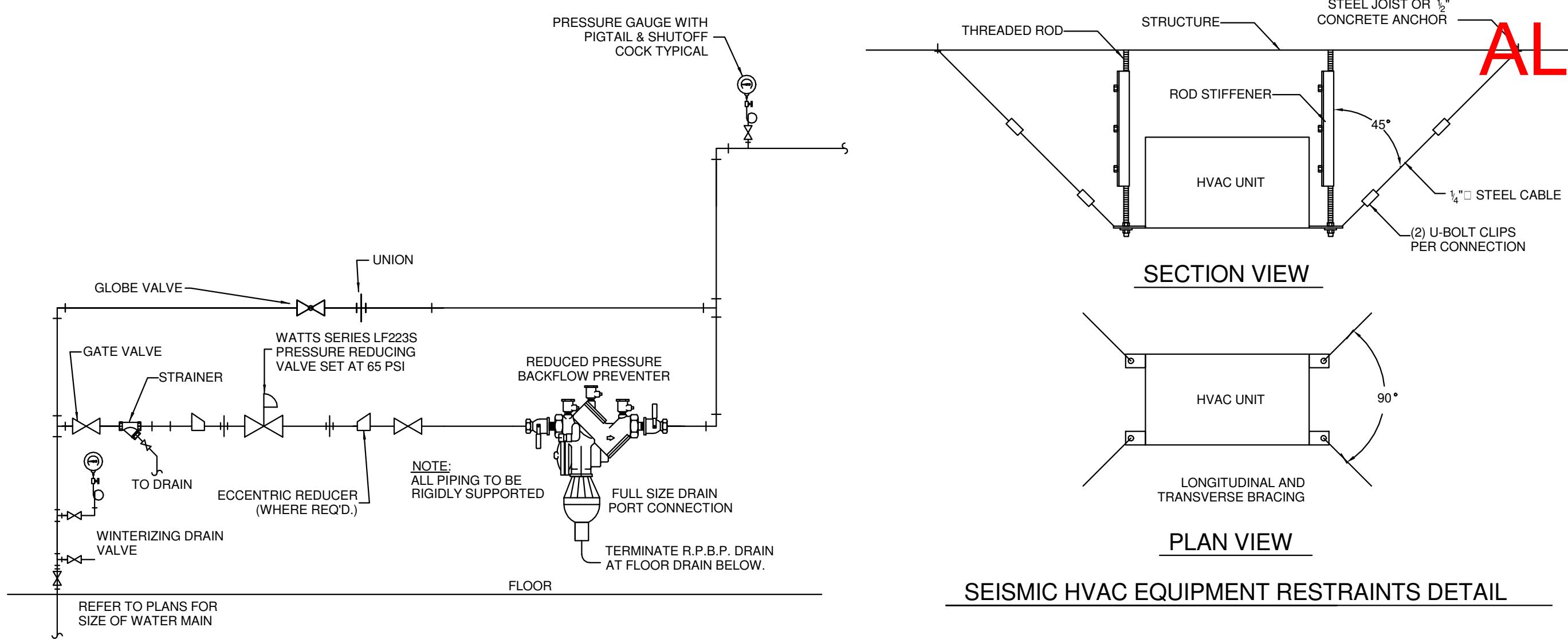
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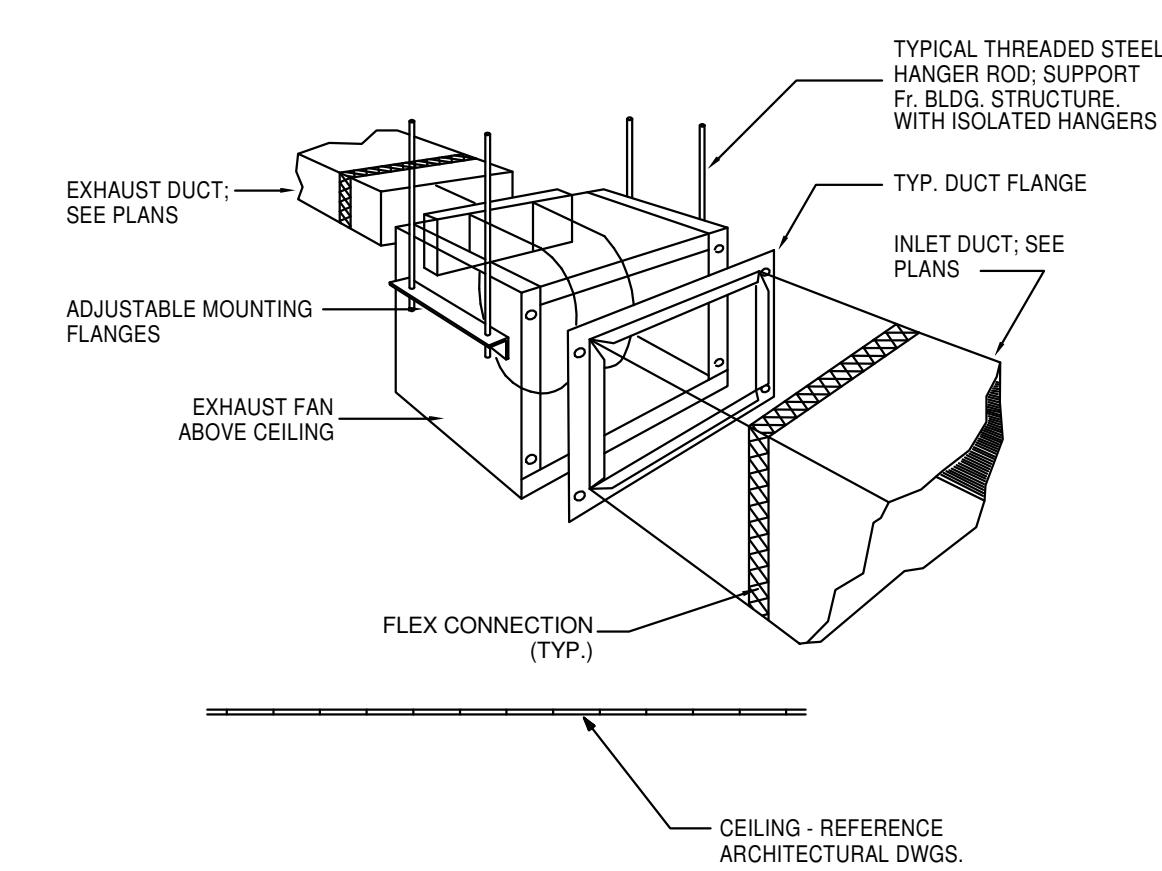
FACTORY SHOALS PARK SOUTH SIDE
RESTROOM BUILDING
PREPARED FOR:
NEWTON COUNTY, GEORGIA

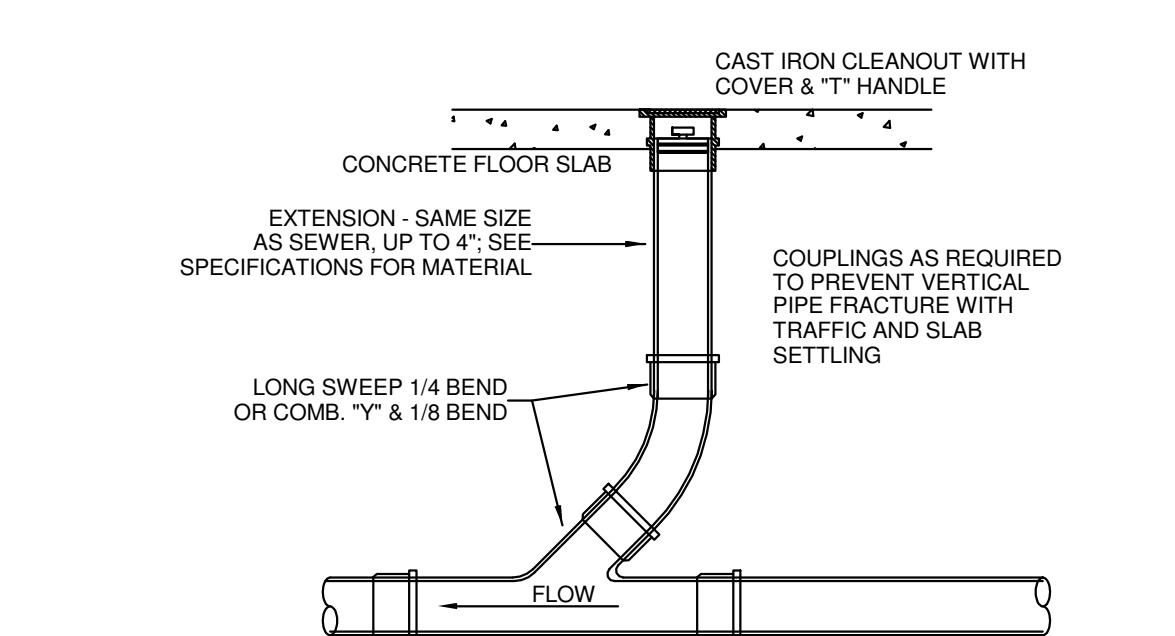
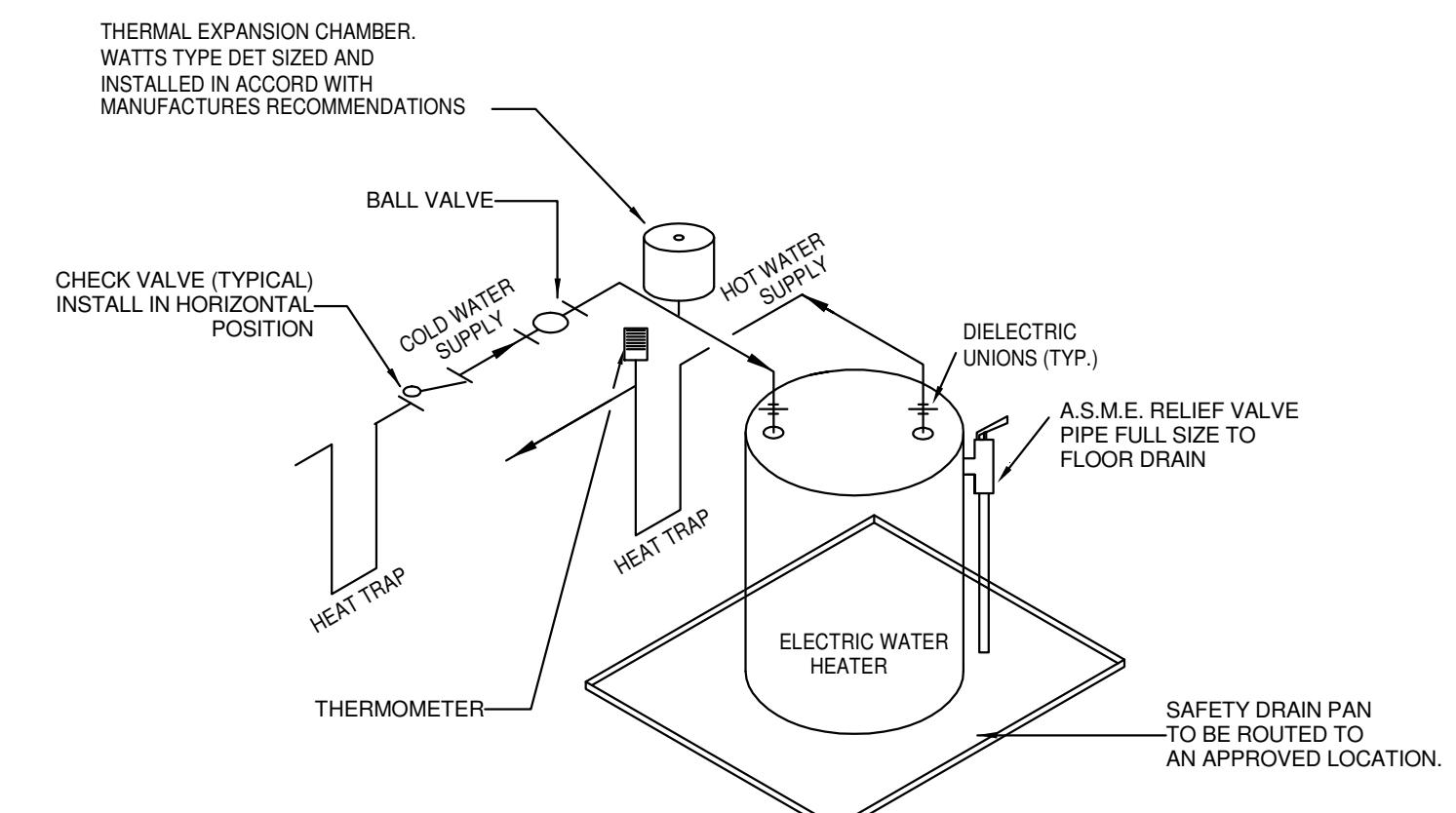
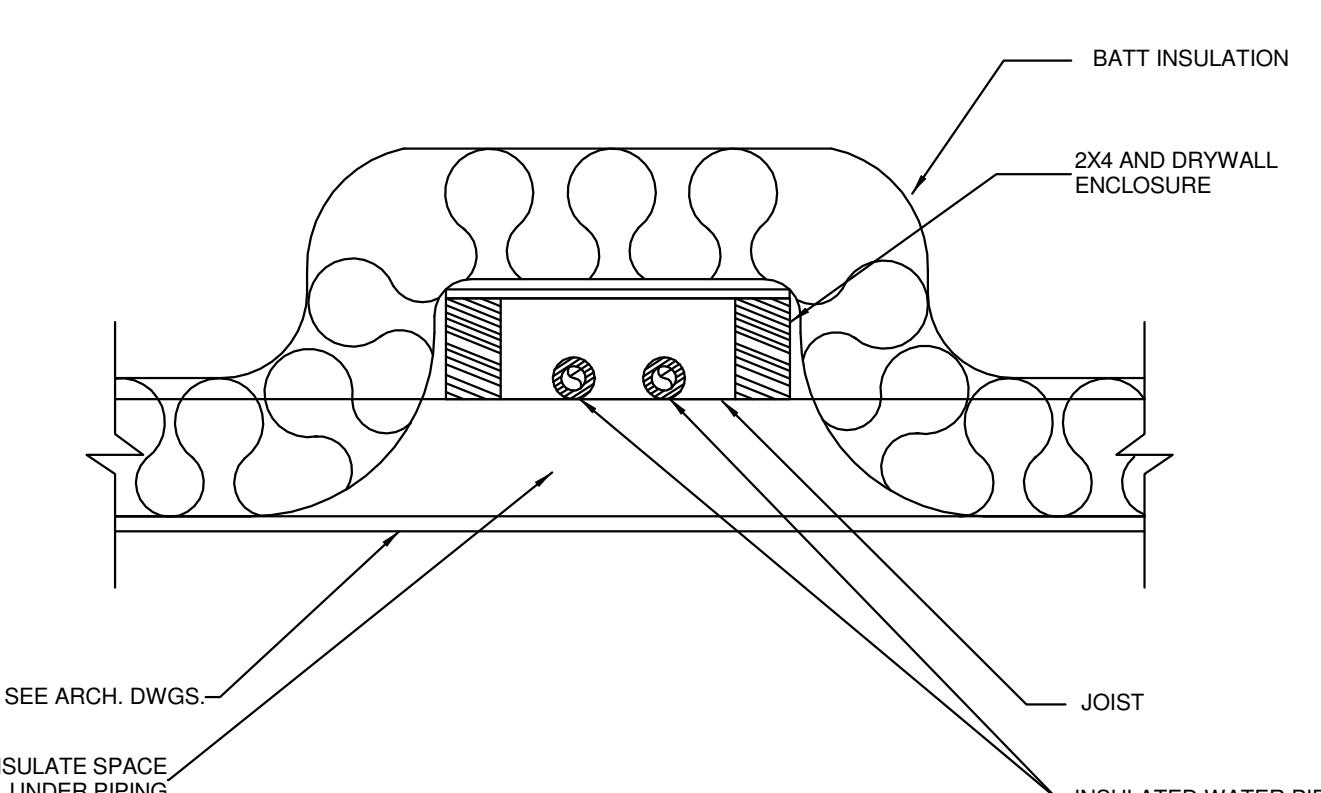
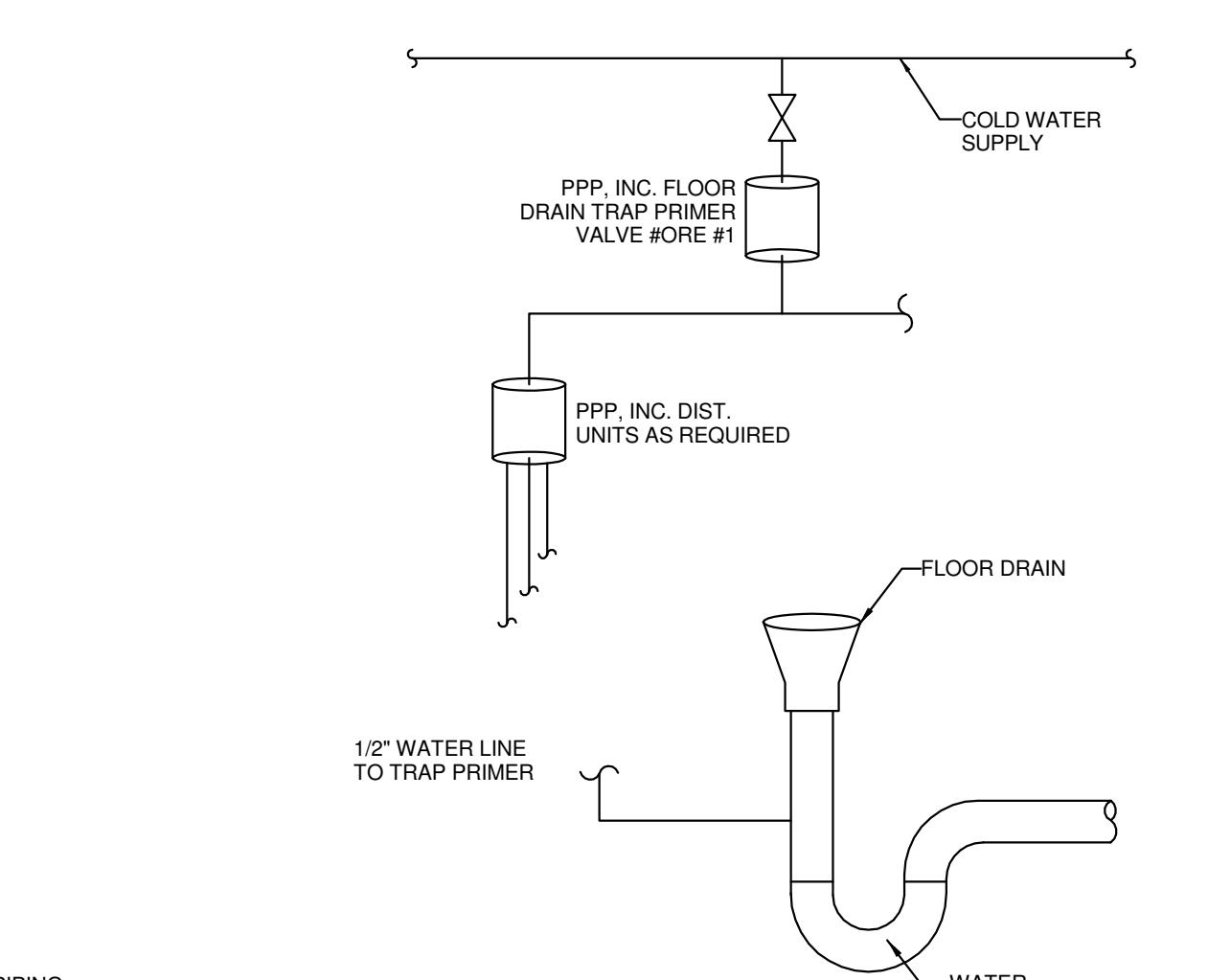
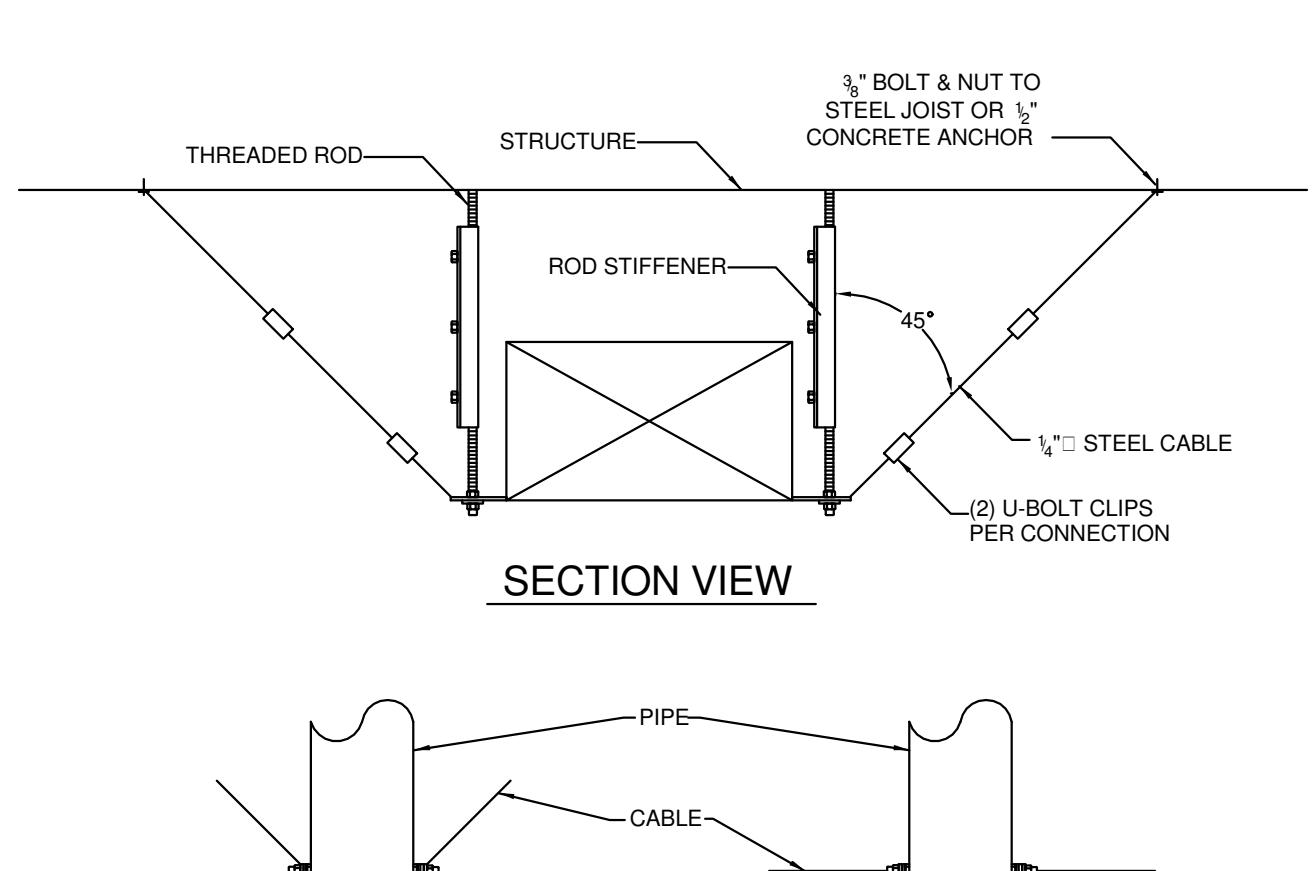
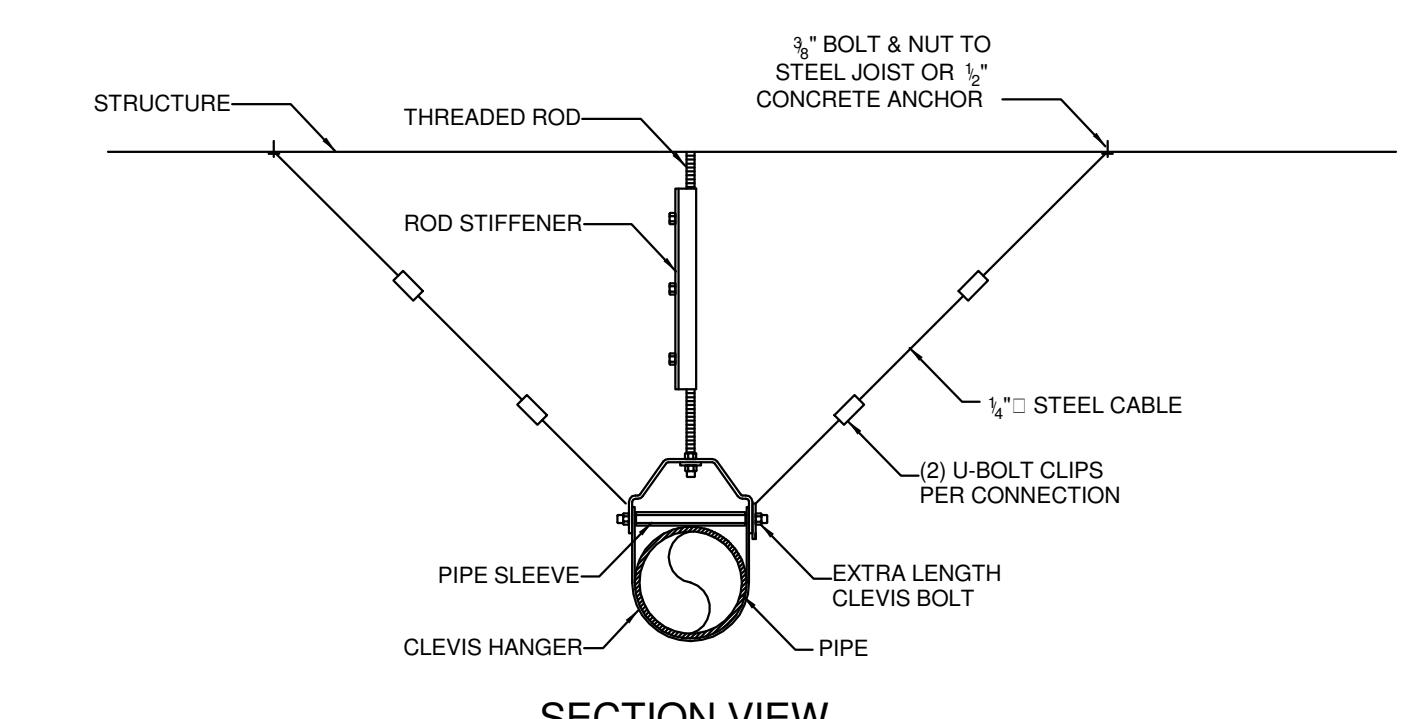
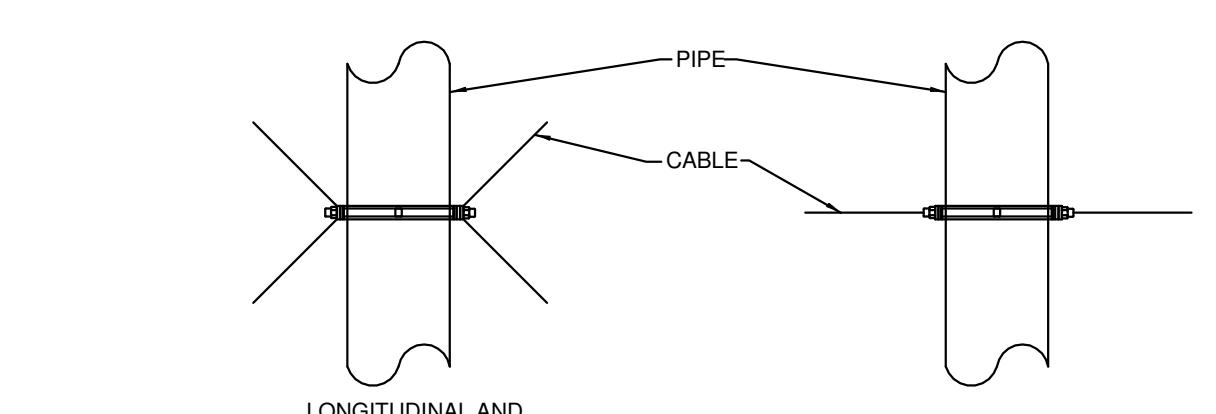
COVINGTON


**TYPICAL RETURN
OR EXHAUST DUCT SYSTEM**
 1 PM.20 NOT TO SCALE


A. GENERAL/RISK CATEGORY II; DESIGN CATEGORY B

1. DUCTS, PIPES, AND CONDUITS SHALL BE BRACED IN ACCORDANCE WITH THE LATEST EDITION OF THE SMACNA SEISMIC RESTRAINT MANUAL AND IC.
2. ALTERNATIVE DETAILS DIFFERING FROM THE LATEST SMACNA MANUAL MAY BE USED WHERE SHOWN ON THE MECHANICAL AND PLUMBING DRAWINGS.
3. IN-LINE EQUIPMENT SHALL BE BRACED INDEPENDENTLY OF THE DUCTS OR PIPES AND IN CONFORMANCE WITH APPLICABLE BUILDING CODES. REFER TO THE MP DRAWINGS FOR ANCHORAGE AND BRACING DETAILS.
4. COLD-FORMED ANGLES SHALL CONFORM TO AISI "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" WITH A MINIMUM FY = 33 KSI. MINIMUM THICKNESS FOR SHEET METAL BRACING SHALL BE AS FOLLOWS:
 18 GA. = 0.059"
 14 GA. = 0.0747"
 12 GA. = 0.1046"
5. HOT-ROLLED SHAPES AND PLATES SHALL CONFORM TO ASTM A36. PIPES USED AS BRACES SHALL BE STANDARD STEEL PIPES PER ASTM A500-A OR A53.
6. BRACE CONDUIT USING THE SAME CRITERIA AS FOR PIPES (SEE NOTE 2 UNDER "REQUIREMENTS FOR BRACING OF PIPES"). WHEN CONDUIT IS REQUIRED TO BE BRACED, IT MAY BE BRACED THE SAME AS THE EQUIVALENT WEIGHT PIPE.
7. PIPE, DUCT, AND CONDUIT HANGERS SHALL BE POSITIVELY ATTACHED TO THE SUPPORTING STRUCTURE ABOVE. THE USE OF C-CLAMPS OR OTHER FRICTION TYPE ANCHORS TO HANG PIPE, DUCT, AND CONDUIT IS PROHIBITED IN SEISMIC REGIONS.
8. APPROPRIATE EXPANSION/CONTRACTION CAPABILITY SHALL BE PROVIDED IN DUCTS, CONDUITS, PIPES, ETC., WHICH CROSS BUILDING EXPANSION (SEISMIC) JOINTS. THE TOTAL RELATIVE MOVEMENT IN ANY HORIZONTAL DIRECTION ON EACH SIDE OF THE JOINT CENTERLINE SHALL BE, AS A MINIMUM, EQUAL TO THE SIZE OF THE BUILDING EXPANSION JOINT. FOR EXAMPLE, AT A 3-INCH BUILDING EXPANSION JOINT, A PIPE, DUCT, OR CONDUIT SHALL BE PERMITTED TO MOVE A MINIMUM OF THREE INCHES (1-59/64 INCHES IN EACH OF TWO OPPOSITE HORIZONTAL DIRECTIONS) ON EACH SIDE OF THE JOINT CENTERLINE.
9. PIPE, DUCT, AND CONDUIT HANGERS SHALL BE POSITIVELY ATTACHED TO THE SUPPORTING STRUCTURE ABOVE. THE USE OF C-CLAMPS OR OTHER FRICTION TYPE ANCHORS TO HANG PIPE, DUCT, AND CONDUIT IS PROHIBITED IN SEISMIC REGIONS.


IN-LINE EXHAUST FAN
 2 PM.20 NOT TO SCALE

SEISMIC HVAC EQUIPMENT RESTRAINTS DETAIL

EXTERIOR(E.C.O.)/INTERIOR(C.O.) CLEANOUT DETAIL
 3 PM.20 NOT TO SCALE

ELECTRIC WATER HEATER DETAIL
 6 PM.20 NOT TO SCALE

WATER PIPING INSTALLED IN ATTIC
 4 PM.20 NOT TO SCALE

TRAP PRIMER/FLOOR DRAIN DETAIL(TPV)
 7 PM.20 NOT TO SCALE

SEISMIC DUCT RESTRAINTS DETAIL

SECTION VIEW

PLAN VIEW
SEISMIC PIPE RESTRAINTS DETAIL
 8 PM.20 NOT TO SCALE

**SEISMIC RESTRAINTS FOR
EQUIPMENT, DUCTS, AND PIPES**
 9 PM.20 NOT TO SCALE

SHEET TITLE		
HVAC & PLUMBING DETAILS		
PROJECT NO.	23042-1	DATE 11/21/2025
DRAWN BY	TMH	SCALE
CHECKED BY	TMH	
SHEET NO.		

ALPHA BLDG SET 01-15-2026



ELECTRICAL SHEET INDEX (SOUTH)	
SHEET NUMBER	SHEET NAME
E1.00	OVERALL ELECTRICAL SITE PLAN
E1.01	ELECTRICAL SITE PLAN - NORTH AND SOUTH RESTROOMS
E2.01S	ELECTRICAL PLAN - SOUTH RESTROOMS
E3.01S	ELECTRICAL LEGEND, NOTES, RISER & SCHEDULES
E3.02S	LIGHTING COMCHECK REPORTS

1 OVERALL ELECTRICAL SITE PLAN
E1.00 1" = 250'-0"

LÖSE
DESIGN
SPACES FOR LIFE.

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FACTORY SHOALS PARK_SOUTHSIDE
RESTROOM BUILDING

PREPARED FOR:
NEWTON COUNTY, GEORGIA

COVINGTON

GEORGIA

SUBMITTALS / REVISIONS		
NO	DATE	DESCRIPTION

SHEET TITLE
**OVERALL
ELECTRICAL SITE
PLAN**

PROJECT NO. 23042-1 DATE 11/21/2025
DRAWN BY SEJ SCALE
CHECKED BY JKJ 1" = 250'-0"
SHEET NO.

E1.00

PLAN KEY NOTES

1. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF UTILITY TRANSFORMER WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
2. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF SEPTIC PUMP WITH CIVIL ENGINEER'S PLANS PRIOR TO CONSTRUCTION.

ALCOVY RIVER

ALPHA BLDG SET

01-15-2026

1 ELECTRICAL SITE PLAN - NORTH RESTROOMS
E1.01 SCALE: 1" = 60'-0"

The diagram illustrates the correct installation of an underground electrical pull box. It shows a cross-section of the ground with a 'PULL BOX, 13"Wx24"Lx18"D QUAZITE OR APPROVED EQUAL' buried in the ground. The box is surrounded by '6" MIN. OF GRAVEL'. A 'NEW CONDUIT' is shown entering and exiting the box. The 'FINISHED GRADE' is indicated by a horizontal line above the box. A 'COVER' is shown above the box, with a note stating: 'COVER WITH STAINLESS STEEL BOLTS, AND INSERTS. COVER SHALL BE IMPRINTED WITH THE WORD "ELECTRIC"'. A dimension of '12" MIN.' is shown from the bottom of the box to the 'FINISHED GRADE'. A dimension of 'MINIMUM DEPTH 24" BELOW FINISHED GRADE' is shown from the bottom of the box to the ground surface. A note at the bottom indicates: 'FUTURE CONDUIT'.

UNDERGROUND PULLBOX

NO SCALE

2 ELECTRICAL SITE PLAN - SOUTH RESTROOMS

LÖSE DESIGN

SPACES FOR LIFE.

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DE

10

GOALS PARK TOILET ROOM BUILD

PREPARED FOR:
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REVISIONS

EET TITLE

ELECTRICAL SITE

PLAN - NORTH

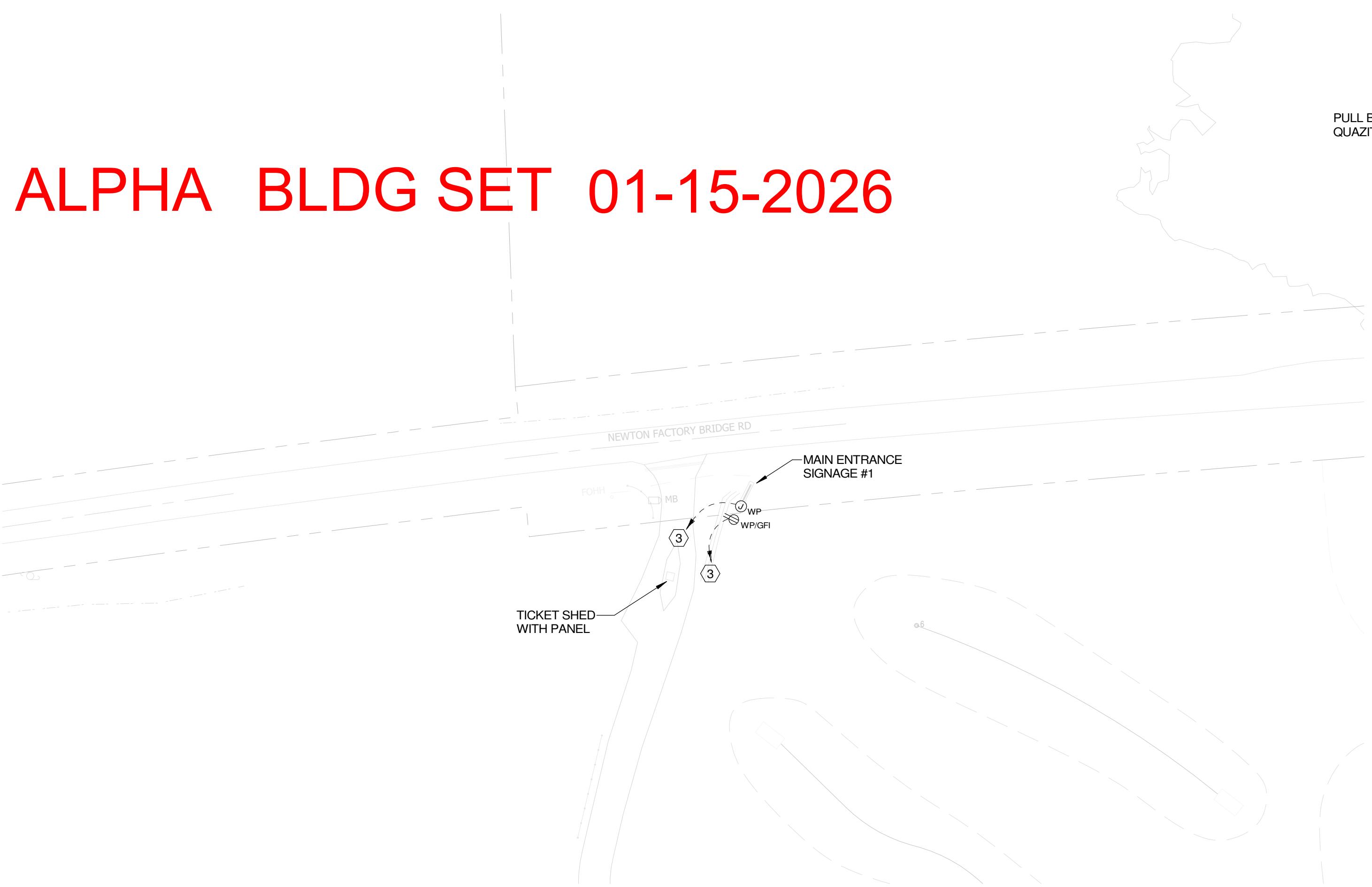
AND SOUTH

RESTROOMS

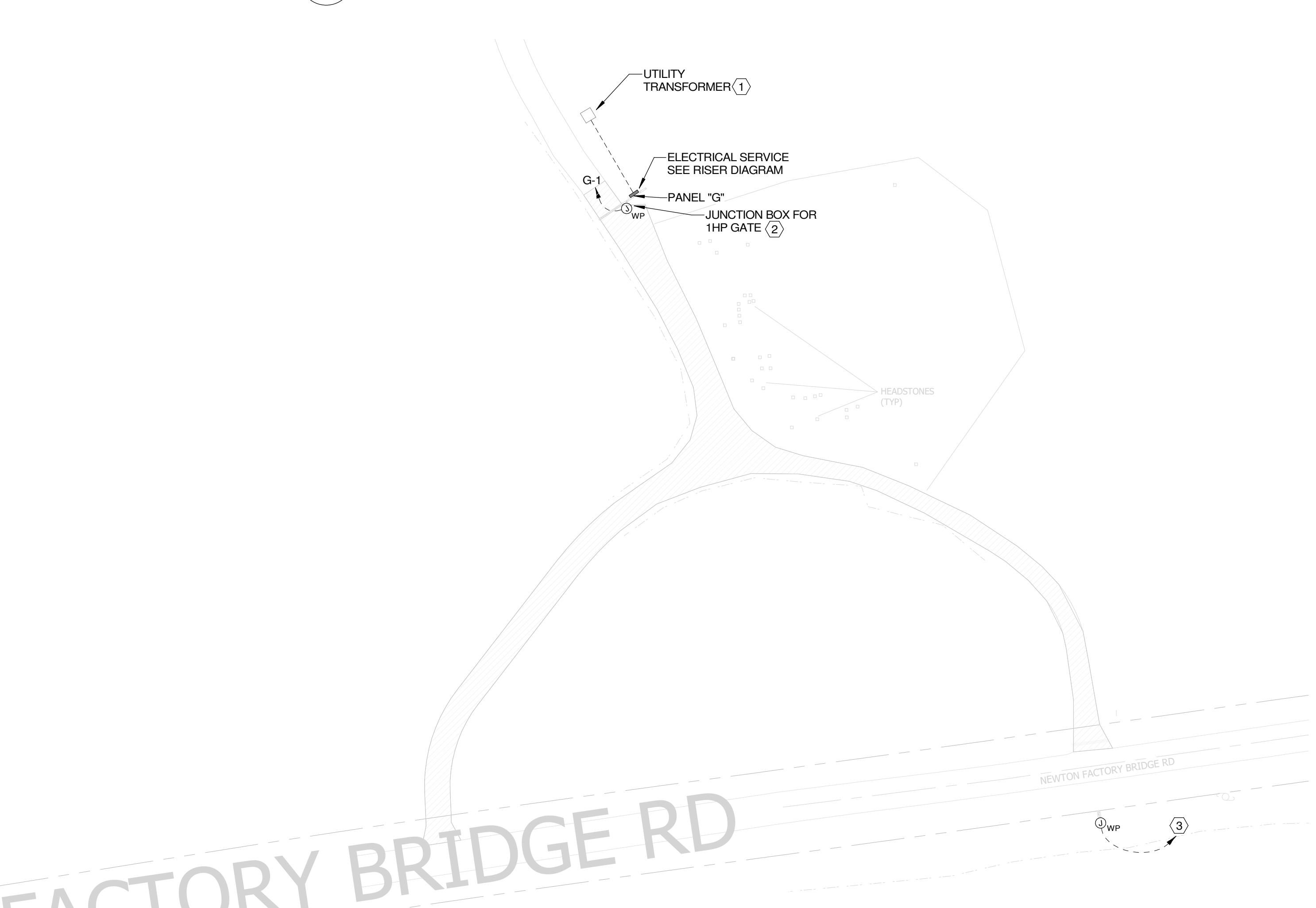
OBJECT NO. 3042-1	DATE 11/21/2022
AWN BY SEJ	SCALE
CKED BY JKM	As indicate
HEET NO.	

E1.01

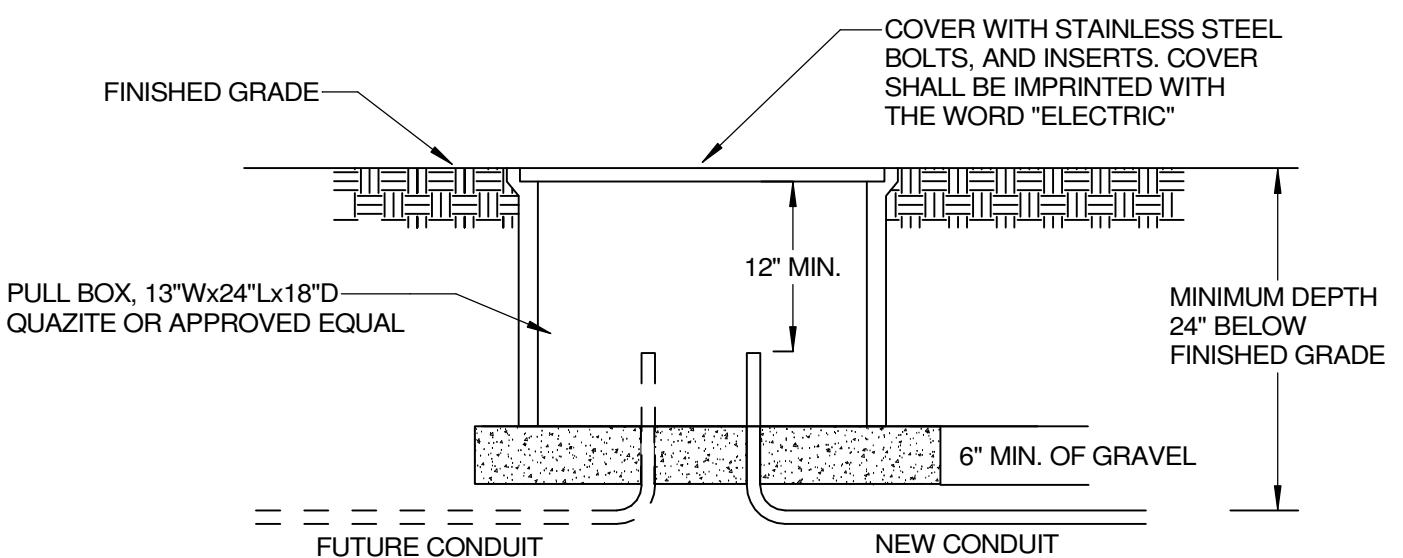
ALPHA BLDG SET 01-15-2026



1 ELECTRICAL SITE PLAN - MAIN ENTRANCE SIGNAGE #1
E1.02 SCALE: 1" = 60'-0"



2 ELECTRICAL SITE PLAN - ENTRANCE GATE / MAIN ENTRANCE
SIGNAGE #2
E1.02 SCALE: 1" = 60'-0"



UNDERGROUND PULLBOX

NO SCALE

PLAN KEY NOTES

1. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF UTILITY TRANSFORMER WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
2. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF ELECTRIC GATE WITH CIVIL ENGINEER AND GATE VENDOR PRIOR TO CONSTRUCTION.
3. PROVIDE SERVICE TO BRANCH CIRCUIT FROM EXISTING PANELBOARD INSIDE EXISTING BLDG. IF SPARE AMP IS PROVIDED, USE BLOW BREAKER OR PROVIDE NEW IN AVAILABLE SPACE (MATCHING EXISTING IN MAKE, MANUFACTURE, AIC, ETC). PROVIDE 2#10 (1) #10G IN 1" C SCHEDULE 40 PVC AS REQUIRED. FOR SIGNAGE CIRCUITS, PROVIDE INTERMITTET ETW TIMECLOCK OR EQUAL FOR CONTROL OF SIGNAGE.

LOSE
DESIGN
SPACES FOR LIFE.

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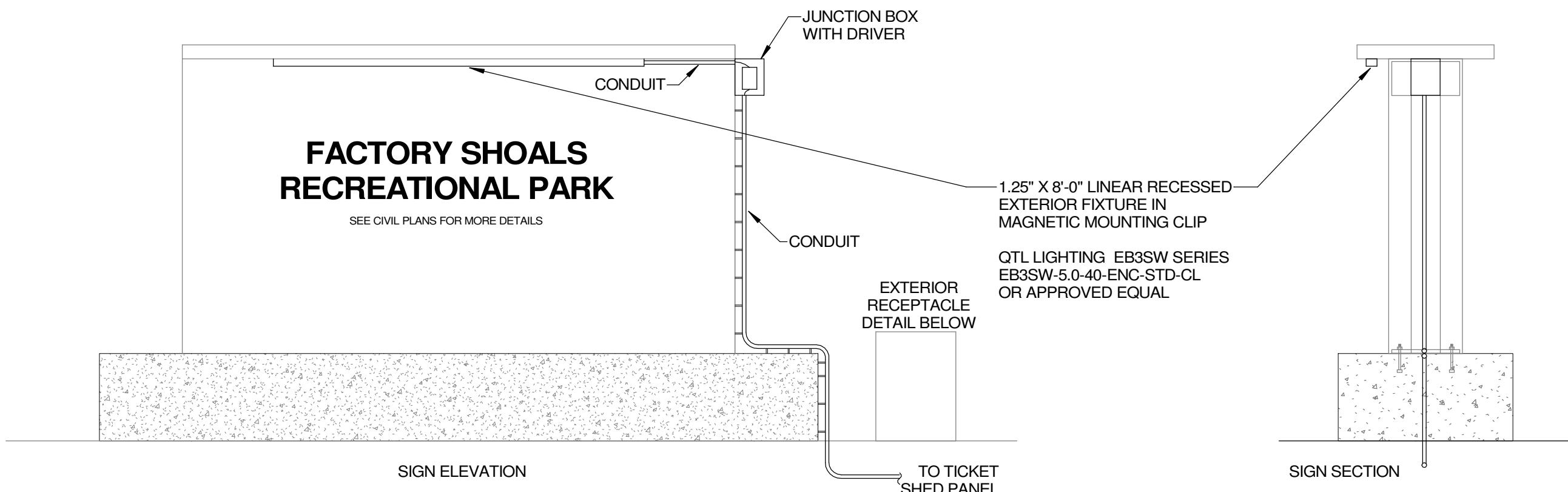


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FACTORY SHOALS PARK
SITE IMPROVEMENTS

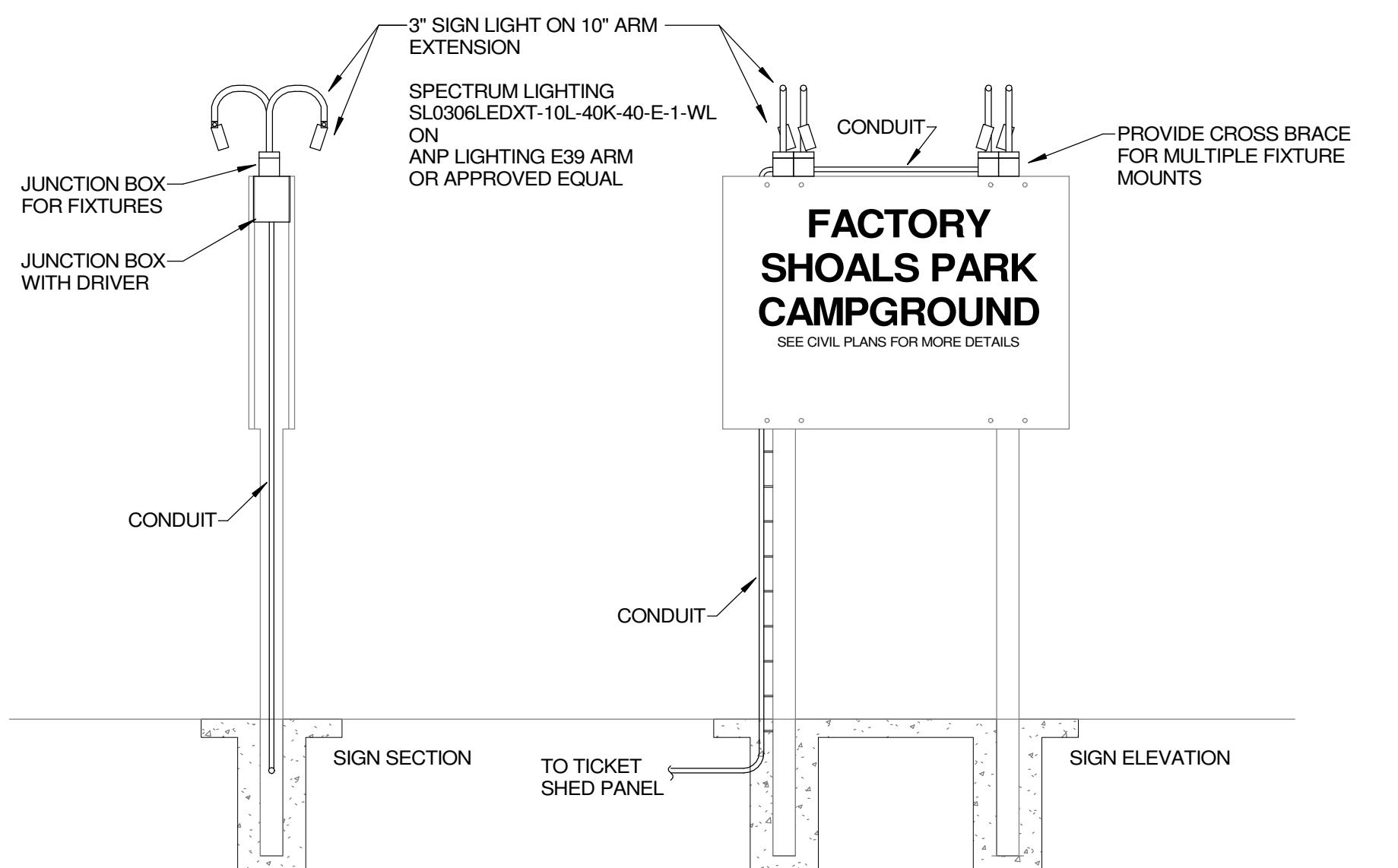
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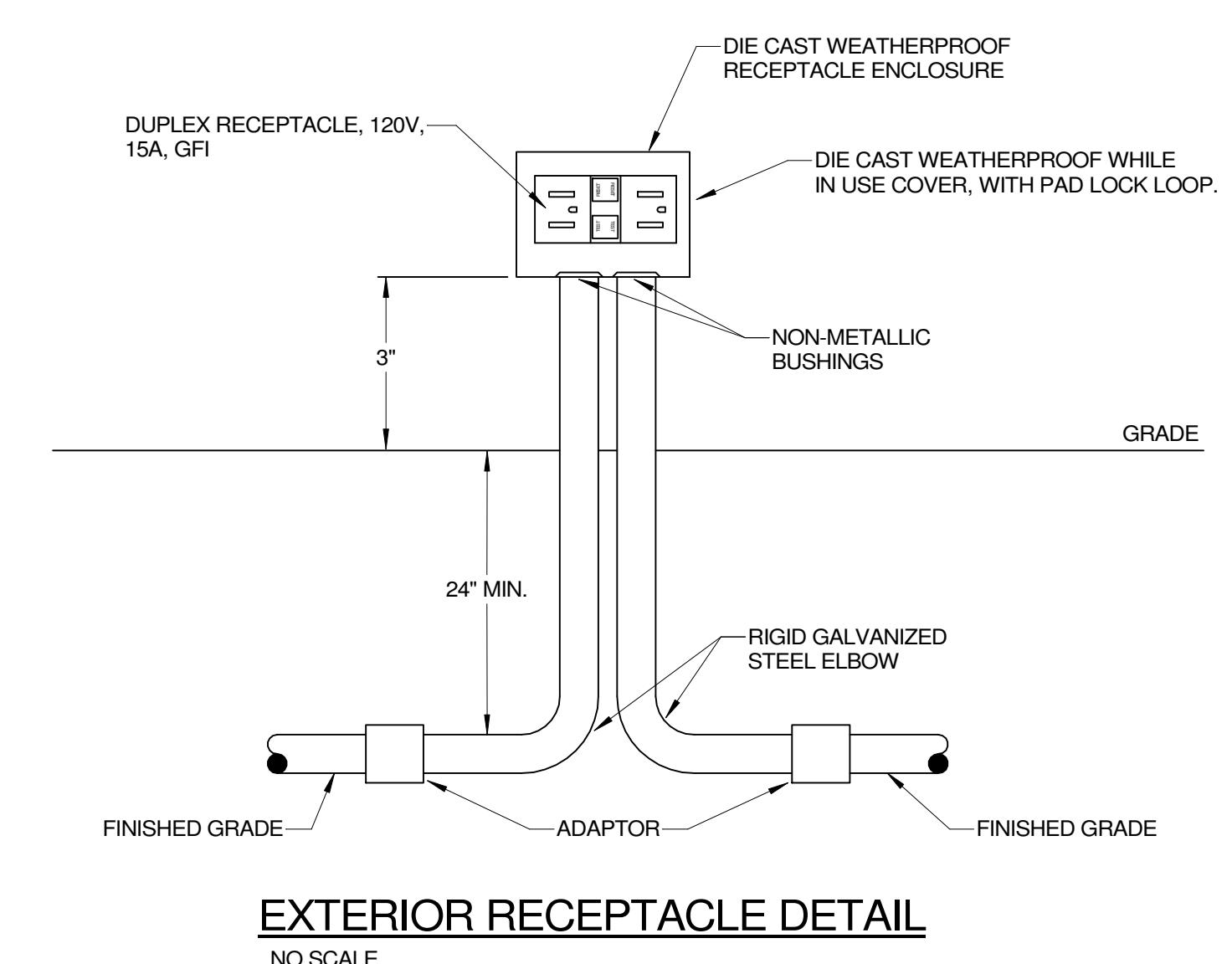
MAIN ENTRANCE SIGNAGE #1 DETAILS

NO SCALE



MAIN ENTRANCE SIGNAGE #2 DETAILS

NO SCALE



EXTERIOR RECEPTACLE DETAIL

NO SCALE

SUBMITTALS / REVISIONS

NO DATE DESCRIPTION

SHEET TITLE
ELECTRICAL SITE
PLAN - GATE AND
SIGNAGE

PROJECT NO. 23042-1 DATE 11/21/2025
DRAWN BY SEJ SCALE
CHECKED BY JKM As indicated
SHEET NO.

E1.02

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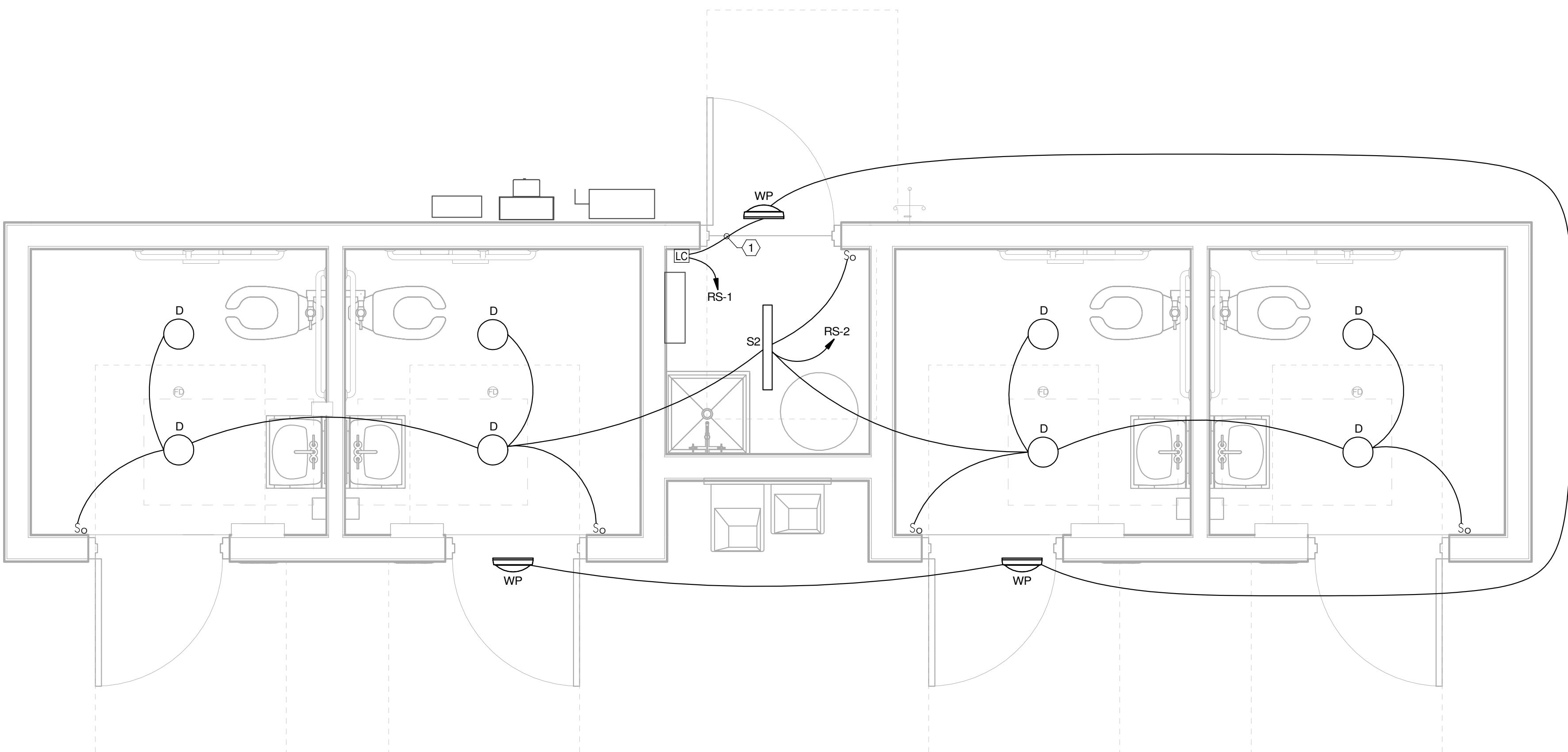
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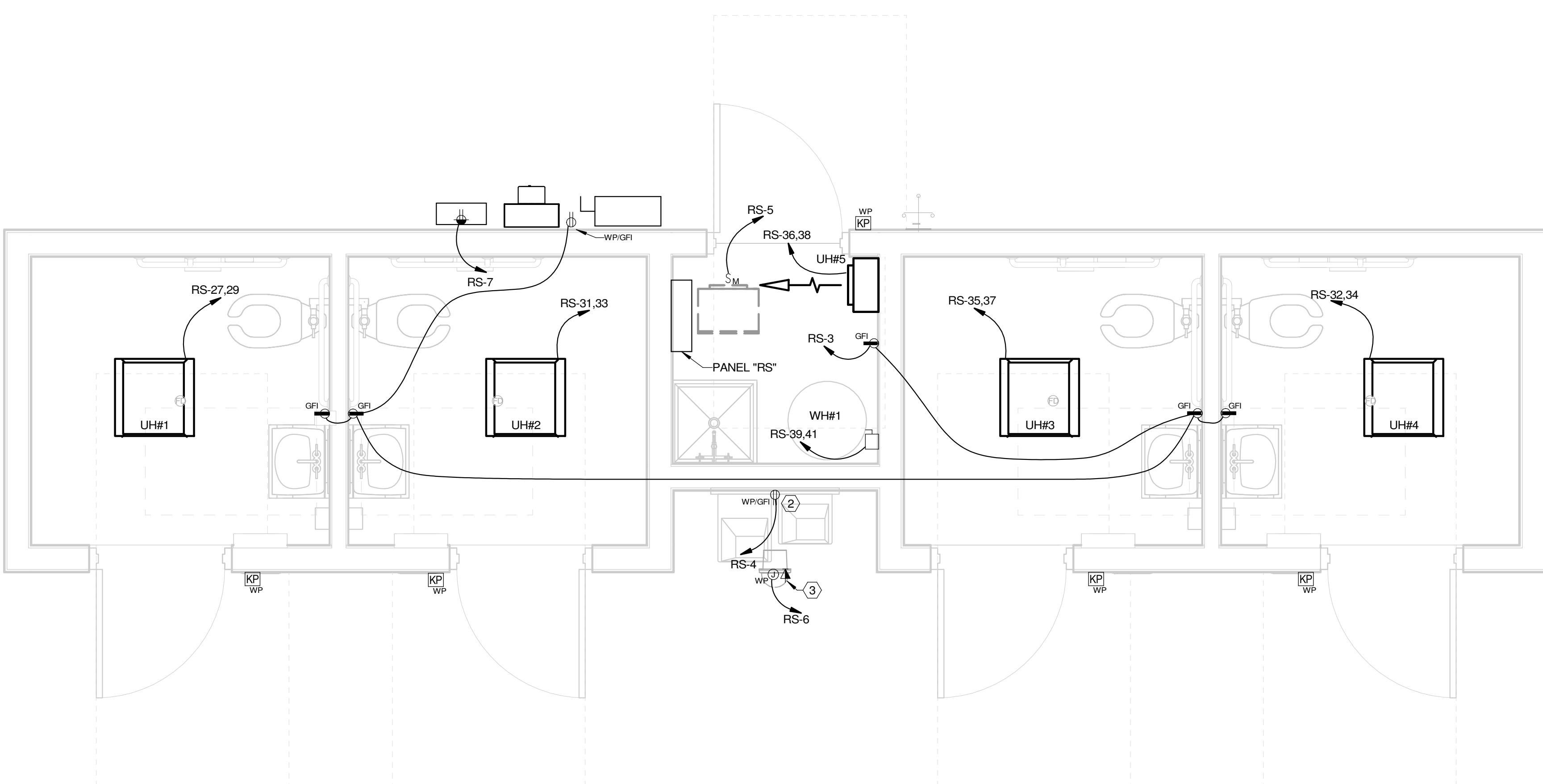
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**FACTORY SHOALS PARK_SOUTHSIDE
RESTROOM BUILDING**



ALPHA BLDG SET 01-15-2026



2 E2.01S 1/2" = 1'-0"

PLAN KEY NOTES

- ROUTE LIGHTING CIRCUIT THROUGH LIGHTING CONTACTOR "LC-S".
- PROVIDE POWER FOR ELECTRIC FAUCET. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
- PROVIDE POWER AND DATA FOR CAMERA. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN.



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- ROUTE LIGHTING CIRCUIT THROUGH LIGHTING CONTACTOR "LC-S".
- PROVIDE POWER FOR ELECTRIC FAUCET. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
- PROVIDE POWER AND DATA FOR CAMERA. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN.

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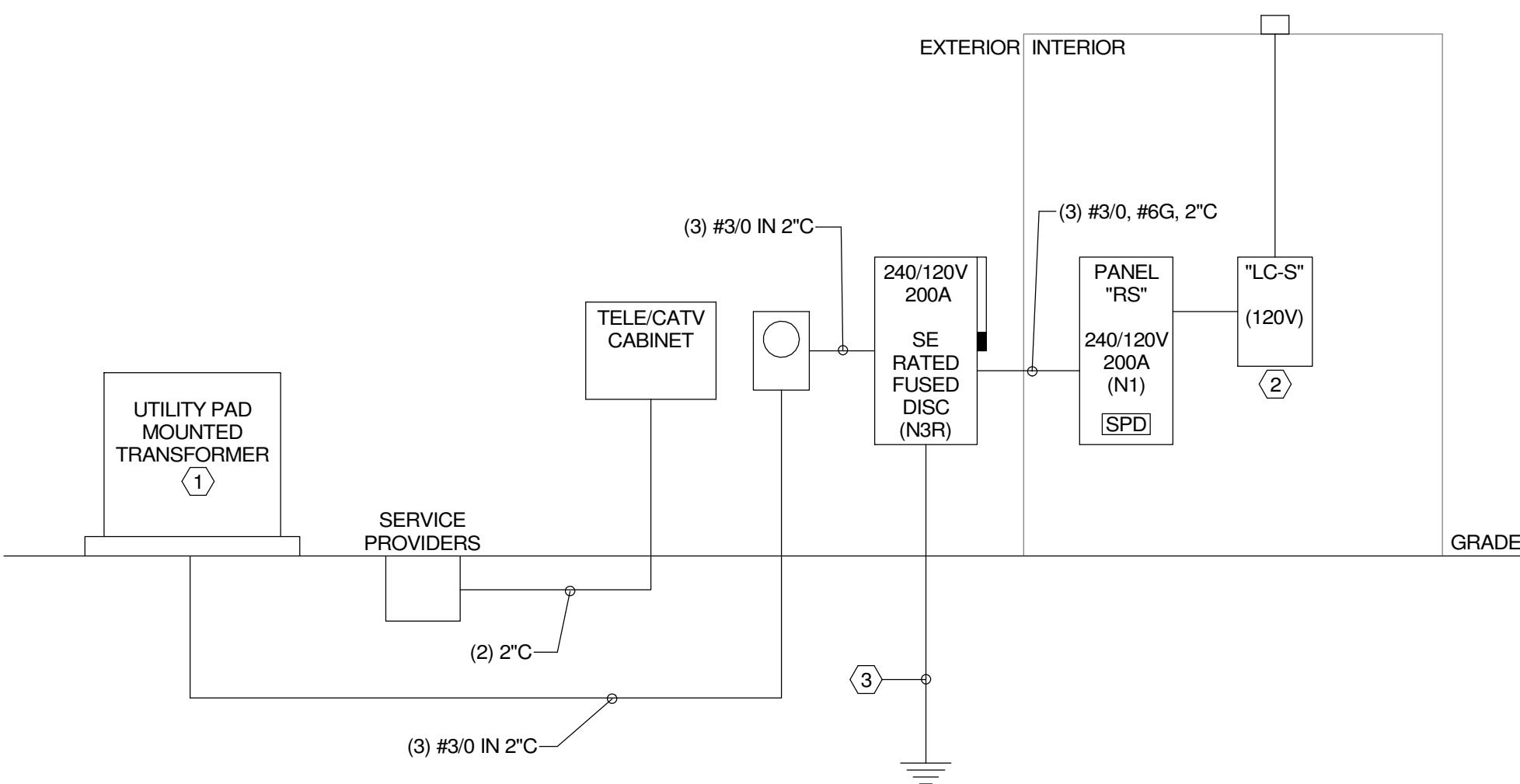
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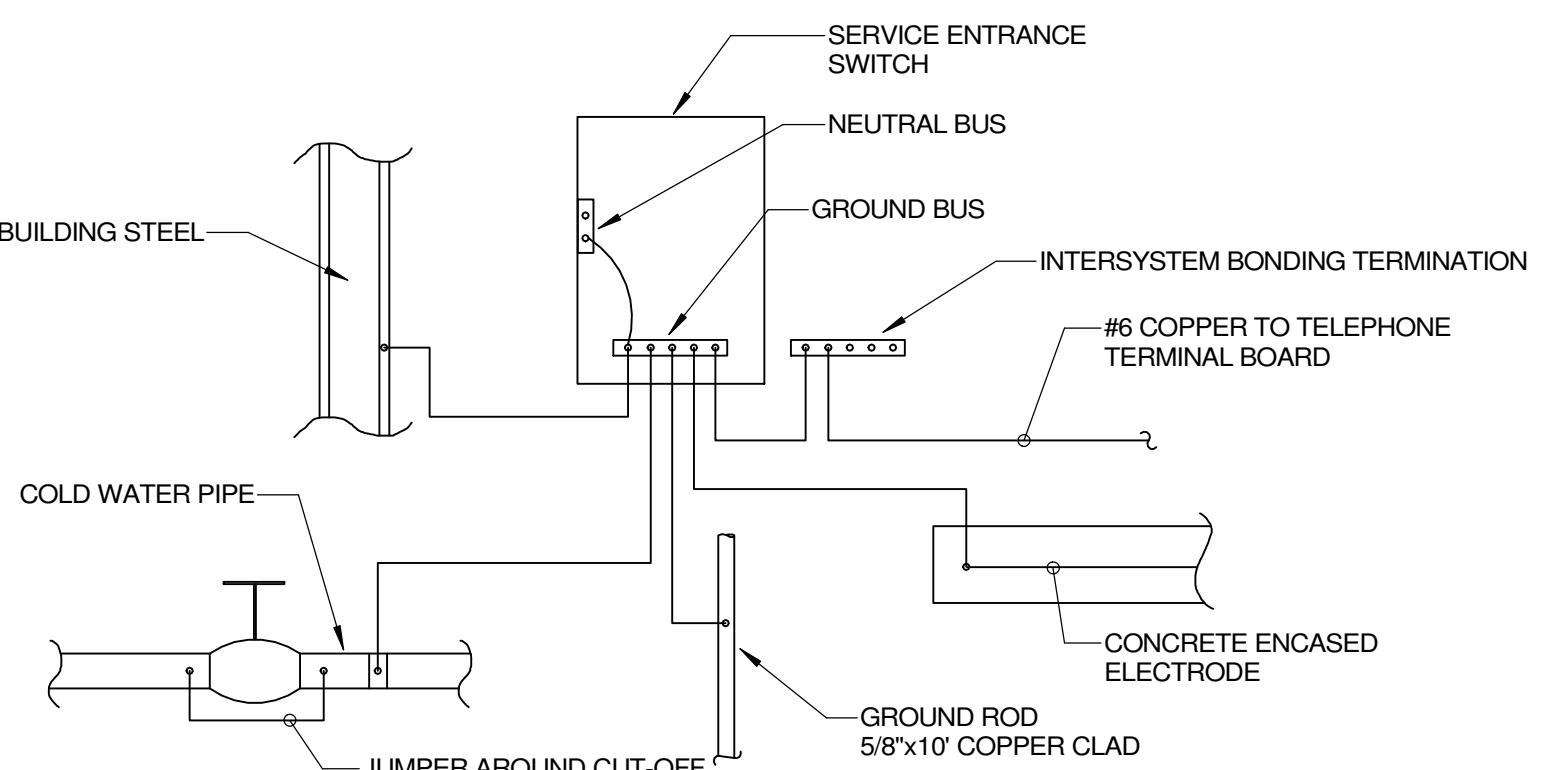
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RISER KEY NOTES

- COORDINATE EXACT LOCATION AND ALL REQUIREMENTS OF UTILITY TRANSFORMER WITH LOCAL UTILITY PRIOR TO CONSTRUCTION.
- PROVIDE (4) CIRCUIT TORK W SERIES WITH TORK 2100 SERIES PHOTOCELL OR APPROVED EQUAL.
- SEE SERVICE GROUND DETAIL ON THIS SHEET.



ELECTRICAL RISER DIAGRAM - 240/120V, 1P, 3W, 200A SERVICE
NO SCALE



ELECTRICAL SERVICE GROUND
NO SCALE

BOND ALL INDICATED SYSTEMS THAT ARE PRESENT TO GROUNDING ELECTRODE SYSTEM PER NEC 250.50.
ALL GROUNDING ELECTRODE CONDUCTORS SHALL BE SIZED PER NEC 250.66.

VOLTAGE:	240/120V, 1PH, 3W.	MAIN BKR:	---	BUS:	200 A	A.I.C.:	22K	MOUNTING:	SURFACE	ENCLOSURE RATING:	NEMA 1
NOTES:											

CKT	DESCRIPTION	WIRE SIZE	BKR AMPS	A	B	A	B	BKR AMPS	WIRE SIZE	DESCRIPTION	CKT
1	LTG: EXTERIOR	12	20 A	0.2	0.3	20 A	12	LTG: INTERIOR	12	2	
3	REC: BLDG	12	20 A	1.2	1.2	20 A	12	REC: FOUNTAIN	4		
5	EF#1	12	20 A	0.2	0.5	20 A	12	CAMERA	6		
7	REC: TTB	12	20 A	0.4	0.0	20 A	12	SPARE	8		
9	SPARE	20 A	0.0	0.0	0.0	20 A	12	SPARE	10		
11	SPARE	20 A	0.0	0.0	0.0	20 A	12	SPARE	12		
13	SPARE	20 A	0.0	0.0	0.0	20 A	12	SPARE	14		
15	SPARE	20 A	0.0	0.0	0.0	20 A	12	SPARE	16		
17	SPACE	--	--	--	--	--	--	SPARE	18		
19	SPACE	--	--	--	--	--	--	SPARE	20		
21	SPACE	--	--	--	--	--	--	SPARE	22		
23	SPACE	--	--	--	--	--	--	SPARE	24		
25	SPACE	--	--	--	--	--	--	SPARE	26		
27	UH#1	10	30 A	2.5	--	--	--	SPARE	28		
29				2.5	--	--	--	SPARE	30		
31	UH#2	10	30 A	2.5	2.5	30 A	10	UH#4	32		
33				2.5	2.5	30 A	10	UH#5	34		
35				2.5	2.5	30 A	10	UH#5	36		
37	UH#3	10	30 A	2.5	2.5	30 A	10	UH#5	38		
39				2.5	2.5	30 A	10	UH#5	40		
41	WH#1	6	50 A	4.5	0.0	30 A	10	SPD	42		

RS

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND...	ESTIMATED DEMAND	PANEL TOTAL LOADS
HVAC	34.0	100.00%	34.0	CONNECTED LOAD: 36.9 kVA
LIGHTING - GENERAL	0.4	125.00%	0.6	DEMAND FACTOR: 100.30%
RECEPTACLE	1.8	100.00%	1.8	
POWER	0.7	100.00%	0.7	ESTIMATED DEMAND: 37.1 kVA
				ESTIMATED CURRENT: 154.4 A

GENERAL ELECTRICAL NOTES

- VISIT PROJECT SITE BEFORE SUBMISSION OF BID AND BECOME FAMILIAR WITH EXISTING CONDITIONS, LOCATIONS OF UTILITIES, AND EXTENT OF DEMOLITION REQUIRED.
- COORDINATE INSTALLATION OF NEW SERVICE WITH LOCAL ELECTRIC UTILITY COMPANY. PROVIDE TRENCHING, CONDUIT, METER BASE, CONCRETE PAD, AND OTHER ITEMS AS REQUIRED. INSTALL SERVICE IN ACCORDANCE WITH CURRENT UTILITY COMPANY REQUIREMENTS.
- PROVIDE A 3/4" THICK PLYWOOD TELEPHONE TERMINAL BOARD WITHIN THE TELEPHONE AND CATV CABINETS AND PROVIDE EACH BOARD WITH A #6 COPPER GROUND WIRE TO THE SERVICE ENTRANCE GROUND. WIDTH AND HEIGHT OF BOARDS TO BE PER UTILITY COMPANY'S RECOMMENDATIONS.
- VERIFY ELECTRICAL POWER REQUIREMENTS FOR ALL EQUIPMENT. PROVIDE CIRCUITS AND FUSES SIZED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- PROVIDE DISCONNECT SWITCH FOR ANY HARDWIRED EQUIPMENT NOT SUPPLIED WITH DISCONNECTING MEANS. DISCONNECT SHALL BE RATED FOR LOCATION INSTALLED.
- REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS AND CONTROL REQUIREMENTS FOR MECHANICAL EQUIPMENT AND FOR STARTERS, DISCONNECT SWITCHES AND CONVENIENCE RECEPTACLES THAT MAY BE FURNISHED WITH THE EQUIPMENT.
- PROVIDE CONTROL POWER SOURCE FOR ALL STARTERS AND CONTROL PANELS NOT SUPPLIED WITH CONTROL POWER TRANSFORMERS. INSTALL AND CONNECT ALL CONTROL DEVICES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- Maintain code required working clearance at all electrical panels, disconnect switches, and starters.
- RECEPTACLES LOCATED IN THOSE AREAS DESIGNATED PER NEC 406.12. SHALL BE LISTED AS TAMPER RESISTANT.
- ALL RECEPTACLES ON DEDICATED CIRCUITS SHALL BE RATED NO LESS THAN CIRCUIT OVERCURRENT DEVICE.
- WHERE RECEPTACLES ARE INDICATED IN WALLS THAT SUPPORT CASEWORK, COORDINATE WITH ARCHITECT AND ARCHITECT'S ELEVATION PLANS FOR APPROPRIATE MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
- ALL GROUND-FAULT CIRCUIT-INTERRUPTER RECEPTACLES SHALL BE READILY ACCESSIBLE PER CODE. CONFIRM ACCESSIBILITY PRIOR TO ROUGH-IN. IF NECESSARY SERVE A STANDARD RECEPTACLE WITH AN INTEGRAL GROUND FAULT 20 AMP 1 POLE CIRCUIT BREAKER OR PROVIDE A STAND ALONE GFI DEVICE IN A READILY ACCESSIBLE ADJACENT LOCATION.
- CONFIRM CIRCUIT REQUIREMENTS OF OWNER-FURNISHED EQUIPMENT INCLUDING MOUNTING HEIGHT(S) OF ELECTRICAL CONNECTION(S), RECEPTACLE NEMA CONFIGURATION OR OVERCURRENT PROTECTION SIZE & WIRE SIZE WITH FINAL VENDOR DRAWINGS PRIOR TO ROUGH-IN.
- COORDINATE LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES WITH ARCHITECT'S REFLECTED CEILING PLANS AND ELEVATION DRAWINGS. PROVIDE FIXTURES COMPATIBLE WITH CEILING TYPE INSTALLED.
- EXTERIOR LIGHTING SHALL BE TURNED ON AT DUSK BY A PHOTOCELL, AND TURNED OFF AT A PRESET TIME BY A TIMESWITCH. PHOTOCELL SHALL BE MOUNTED ON BUILDING NEAR ROOF. TIMESWITCH SHALL BE MOUNTED ADJACENT TO ELECTRICAL PANEL. TIMESWITCH SHALL BE SEVEN DAY WITH RESERVE POWER. FOR MULTIPLE CIRCUIT APPLICATION, PROVIDE MECHANICALLY HELD CONTACTOR WITH APPROPRIATE QUANTITY OF POLES.
- COORDINATE LOCATION OF LIGHTS IN EQUIPMENT AND MECHANICAL ROOMS WITH INSTALLED EQUIPMENT SO THAT ALL GAUGES, SWITCHES, AND SERVICE LOCATIONS ARE ILLUMINATED.
- CONTRACTOR SHALL PROVIDE COMMISSIONING BY MANUFACTURER FOR ALL LIGHTING CONTROL SYSTEMS. COMMISSIONING AGENT SHALL PROVIDE WRITTEN REPORT INDICATING THAT THE LIGHTING SYSTEM HAS BEEN TESTED TO CONFIRM LIGHTING CONTROL IS FUNCTIONING ACCORDING TO CONTRACT DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS. PRIOR TO FINAL INSPECTION, FUNCTIONAL TESTING SHALL BE DONE IN ACCORDANCE WITH 2018 IEC SECTIONS C408.3.1.1 TO C408.3.1.2. WRITTEN REPORT SHALL BE PROVIDED TO THE OWNER, THE ELECTRICAL ENGINEER, AND THE AUTHORITY OF JURISDICTION.
- PROVIDE UL LISTED TECHNIQUES FOR PENETRATIONS OF RATED WALL AND CEILING WITH CONDUIT OR OPEN WIRING. SEE ARCHITECTURAL DRAWINGS FOR WALL AND CEILING RATINGS.
- INSTALL FIRE RATED ELECTRICAL BOXES LOCATED ON OPPOSITE SIDES OF RATED WALLS SUCH THAT THEY ARE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES MINIMUM.
- ELECTRICAL BOXES WITHIN RATED WALLS AND CEILINGS MUST BE INSTALLED TO MAINTAIN THE RATING OF THE WALL OR CEILING. BOXES ON OPPOSITE SIDES OF RATED WALLS MAY BE A UL LISTED FIRE RATED BOX INSTALLED PER UL LISTING OR METAL BOXES SEPARATED BY 24 INCHES. IF BOXES ON OPPOSITE SIDES OF RATED WALLS ARE INSTALLED LESS THAN 24 INCHES APART THEY MUST BE WRAPPED WITH MANUFACTURER INSTALLED OR FIELD INSTALLED INTUMESCENT PUTTY PAD.
- WHERE LIGHT SWITCHES OR DIMMER SWITCH(E)S ARE INDICATED IN A SPACE (ROOM OR CORRIDORS) THAT ALSO CONTAINS CEILING MOUNTED OCCUPANCY SENSOR(S), THE SWITCHES AND OCCUPANCY SENSOR(S) ASSOCIATED WITH THE SPACE MUST WORK TOGETHER SUCH THAT THE LIGHTS AUTOMATICALLY TURN OFF THE LIGHTING 15 MINUTES AFTER THE LAST OCCUPANT HAS LEFT THE SPACE. WHERE LIGHT FIXTURES WITHIN THE SPACE ARE SERVED FROM DIFFERENT CIRCUITS, PROVIDE RELAYS AS REQUIRED FOR APPROPRIATE OCCUPANCY SENSOR CONTROL INTERFACE TO MEET INTENT.
- WHERE DIMMING SWITCHES ARE INDICATED, COORDINATE/CONFIRM THAT SWITCHES ARE COMPATIBLE WITH THE TYPE OF DIMMING DRIVER BEING UTILIZED (I.E. 0-10V, ELV, MLV, ETC.)
- RESTROOM OCCUPANCY SENSORS SHALL CONTROL LIGHTING AND EXHAUST FAN TOGETHER. FAN SHALL RUN WHEN EITHER RESTROOM IS OCCUPIED. PROVIDE ADDITIONAL RELAYS FOR SEPARATE CIRCUITS OR DIFFERENT VOLTAGES.
- PROVIDE SURGE PROTECTIVE DEVICES (SPD) AT PANELBOARDS AS INDICATED. SPD EQUIPMENT TO BE RATED FOR 100.000 AMPS PER PHASE SURGE AT PANELBOARDS. CLAMPING VOLTAGE TO BE 600 VOLTS ON 120/208 VOLTS. SURGE MODULES SHALL BE REPLACEABLE (APPROVED MANUFACTURER IS ERICO MODEL TDX100S120208 OR EQUAL) IN THE EVENT MODULE IS MOUNTED SEPARATELY/ADJACENT TO PANEL, PROVIDE NEMA 3R ENCLOSURE FOR MODULE.
- STUB FOUR EMPTY 1" CONDUITS FROM JUNCTION BOXES ADJACENT TO PANEL "IN" AND PANEL "RS" TO 24" BELOW GRADE AND THREE FEET OUTSIDE BUILDING AT NEAREST EXTERIOR WALL FOR FUTURE USE.

ELECTRICAL LEGEND

COORDINATE WITH ARCHITECT/OWNER'S REP FOR CONFIRMATION OF DEVICE MOUNTING HEIGHT PRIOR TO ROUGH-IN. TYPICAL FOR ALL LIGHT SWITCHES (INCLUDING DIMMERS AND OCCUPANCY/VACANCY SENSORS), BUTTON/CONTROL STATIONS AND FIRE ALARM PULL STATIONS WHERE APPLICABLE.

- CONDUIT RUN CONCEALED IN WALL, CEILING, OR FLOOR
- CONDUIT RUN, CONCEALED IN FLOOR OR UNDERGROUND
- CONDUIT RUN, INSTALLED EXPOSED
- HOMERUN TO PANEL INDICATED
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, @ 18" AFF TO BOTTOM
- RECEPTACLE, DUPLEX, 120V, 15A. UNO, SMH
- RECEPTACLE, QUADRUPLE, 120V, 15A. UNO, @ 18" AFF TO BOTTOM
- RECEPTACLE, QUADRUPLE, 120V, 15A. UNO, SMH
- RECEPTACLE, SINGLE, 250V, AMPS AS NOTED, @ 18" AFF TO BOTTOM
- JUNCTION BOX, SIZE AS REQUIRED
- SWITCH, SINGLE POLE, 120/277V, 20A, 46" AFF TO TOP OF DEVICE
- SWITCH, THREE WAY, 120/277V, 20A, 46" AFF TO TOP OF DEVICE
- DIMMING SWITCH, 120/277V, WALL MOUNTED DECORA STYLE, 46" AFF TO TOP OF DEVICE. CONFIRM DIMMING SWITCH IS COMPATIBLE WITH TYPE DIMMING OF ASSOCIATED LIGHT FIXTURE(S). (0-10V, ELV, MLV, ETC.)
- OCCUPANCY SENSOR SWITCH, PASSIVE INFRARED, 120V, WALL MOUNTED 46" AFF TO TOP OF DEVICE, WATTSTOPPER WA-200
- COMBINATION OCCUPANCY SENSOR/DIMMING SWITCH, DUAL TECHNOLOGY, 0-10V DIMMING, 120V, WALL MOUNTED 46" AFF TO TOP OF DEVICE, WATTSTOPPER DW-311
- LIGHTING LOW VOLTAGE TOUCHSCREEN, WATTSTOPPER, PROVIDE SWITCH COMPATIBLE TO ROOM CONTROLLER. "B" DENOTES QUANTITY OF BUTTONS AND "4" DENOTES ZONE CONFIGURATION
- 4"x4" TEL-DATA OUTLET BOX W/1C STUBBED TO ABOVE CEILING, MOUNTED @ 18" AFF TO BOTTOM OF BOX.
- 4"x4" TEL-DATA OUTLET BOX W/1C STUBBED TO ABOVE CEILING, MOUNTED @ SPECIAL HEIGHT.
- ACCESS KEYPAD WITH BATTERIES AND OCCUPANCY INDICATOR DEAD BOLT, SARGENT KP-10 AND 468 SERIES AS SPECIFICATIONS INDICATE
- DISCONNECT SWITCH, NON-FUSED, DESCRIBED BY: VOLTAGE RATING/NO. OF POLES/SWITCH SIZE IN AMPS
- DISCONNECT SWITCH, FUSED, DESCRIBED BY: VOLTAGE RATING/NO. OF POLES/FUSE SIZE IN AMPS
- SWITCH, MOTOR STARTING, MANUAL, SIZE AS REQUIRED
- MOTOR STARTER, MAGNETIC, SIZE AS REQUIRED
- PHOTOCELL
- REFER TO ELECTRICAL DESIGN KEY NOTE INDICATED
- REFER TO GENERAL ELECTRICAL NOTE INDICATED
- TRANSFORMER, SIZE AS NOTED
- SPD
- LIGHTING CONTACTOR - RATED VOLTAGE/POLES/AMP RATING
- PUSHBUTTON STATION - @ 46" AFF TO TOP OF DEVICE

ABBREVIATIONS:

AC	AIR CONDITIONER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
CLG	CEILING
CU	CONDENSING UNIT
EF	EXHAUST FAN
EX	EXISTING
ETR	EXISTING TO REMAIN
GFI	GROUND FAULT INTERRUPTER
MTD	MOUNTED
TTB	TELEPHONE TERMINAL BOARD
PAU	PACKAGED AIR UNIT
SMH	SPECIAL MOUNTING HEIGHT (4" TO BOTTOM OF DEVICE ABOVE CASEWORK/BACKSPLASH OR 46" TO TOP OF DEVICE AFF IF NO CASEWORK/BACKSPLASH)
UNO	UNLESS NOTED OTHERWISE
XFMR	TRANSFORMER
WH	WATER HEATER
WP	WEATHERPROOF - WHILE IN USE
WR	WEATHERPROOF - WHILE NOT IN USE

ELECTRICAL LEGEND, NOTES, RISER & SCHEDULES

PROJECT NO. 23042-1 DATE 11/21/2025
DRAWN BY SEJ SCALE
CHECKED BY JKM As indicated
SHEET NO. E3.01S

ALPHA BLDG SET 01

COMcheck Software Version 4.1.5.5 Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Factory Shoals North and South Restrooms
Project Type: New Construction

Construction Site: Covington, GA

Additional Efficiency Package(s)

Credit: 1.0 Required 1.0 Proposed

Reduced Lighting Power, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-North Restroom (Retail)	288	1.13	327
2-South Restroom (Retail)	288	1.13	327
Total Allowed Watts =			653

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
LED 1: D: DOWNLIGHT; Other:	1	12	23	276
LED 2: S2: 2' STRIP; Other:	1	1	22	22
2-South Restroom (Retail):	1	8	23	184
LED 1: D: DOWNLIGHT; Other:	1	1	22	22
Total Proposed Watts =			504	

Interior Lighting PASSES: Design 23% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Kyle McKinney - Electrical PE

Name - Title

Signature

Date 11/21/2025

COMcheck Software Version 4.1.5.5 Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Factory Shoals North and South Restrooms
Project Type: New Construction

Construction Site: Covington, GA

Owner/Agent: Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Other door (not main entry)	15 ft of door	20	Yes	300
			Total Tradable Watts (a) =	300
			Total Allowed Watts =	300

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
LED 1: WP: Wall Pack; Other:	1	3	25	75

Total Tradable Proposed Watts = 75

Exterior Lighting PASSES: Design 92% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Kyle McKinney - Electrical PE

Name - Title

Signature

Date 11/21/2025

COMcheck Software Version 4.1.5.5 Inspection Checklist

Energy Code: 2015 IECC

Requirements: 100.0% were addressed directly in the COMcheck software.
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems equipment and documents where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of ballasts, ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C103.2 [PR8] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems equipment and documents where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of ballasts, ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C406 [PR9] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

Project Title: Factory Shoals North and South Restrooms
Report date: 11/18/25
Data filename: Z:\2025\25189\Comcheck\25189 Comcheck Report.cck
Page 1 of 7

Project Title: Factory Shoals North and South Restrooms
Report date: 11/18/25
Data filename: Z:\2025\25189\Comcheck\25189 Comcheck Report.cck
Page 2 of 7

Project Title: Factory Shoals North and South Restrooms
Report date: 11/18/25
Data filename: Z:\2025\25189\Comcheck\25189 Comcheck Report.cck
Page 3 of 7

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15] ¹	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 [EL18] ¹	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1, C405.2.2, C405.2.3 [EL23] ¹	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2, C405.2.3 [EL22] ¹	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Lighting controlled by occupancy sensors.
C405.2.3 [EL16] ¹	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.3, C405.2.4 [EL20] ¹	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.3, C405.2.4 [EL21] ¹	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.4 [EL4] ¹	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 [EL8] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans. It is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.5 [EL25] ¹	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3 [EL6] ¹	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

Additional Comments/Assumptions:

Project Title: Factory Shoals North and South Restrooms
Report date: 11/18/25
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Project Title: Factory Shoals North and South Restrooms
Report date: 11/18/25
Data filename: Z:\2025\25189\Comcheck\25189 Comcheck Report.cck
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Project Title: Factory Shoals North and South Restrooms
Report date: 11/18/25
Data filename: Z:\2025\25189\Comcheck\25189 Comcheck Report.cck
Page 6 of 7

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5, C408.2.6 [FI17] ¹	Furnished OS&M instructions for systems to be installed to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.4.1 [FI18] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C405.5.1 [FI19] ¹	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Exterior Lighting fixture schedule for values.
C408.2.5, C408.2.6 [FI16] ¹	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

LOSE
DESIGN
SPACES FOR LIFE.

GEORGIA
REGISTERED
NO. PE021015
PROFESSIONAL
ENGINEER
Jason Kyle McKinney
11/21/25

PE
PARSONS
ENGINEERING, INC.
NASHVILLE, TENNESSEE
PARSONSENGINEERING.COM

FACTORY SHOALS PARK_SOUTHSIDE
RESTROOM BUILDING
COVINGTON
PREPARED FOR:
NEWTON COUNTY, GEORGIA

SUBMITTALS / REVISIONS
NO DATE DESCRIPTION

SHEET TITLE
LIGHTING
COMCHECK
REPORTS
PROJECT NO. 23042-1 DATE 11/21/2025
DRAWN BY SEJ SCALE
CHECKED BY JK
SHEET NO. E3.02S