

CENTRAL PARK RESTROOMS

NEW CONSTRUCTION COVINGTON, GEORGIA

PROJECT NUMBER 25-107

DAVID L. WOODBURN, AIA, ARCHITECT

DUBLIN, GEORGIA

KORNEGAY ENGINEERING

STRUCTURAL

GENERAL NOTES

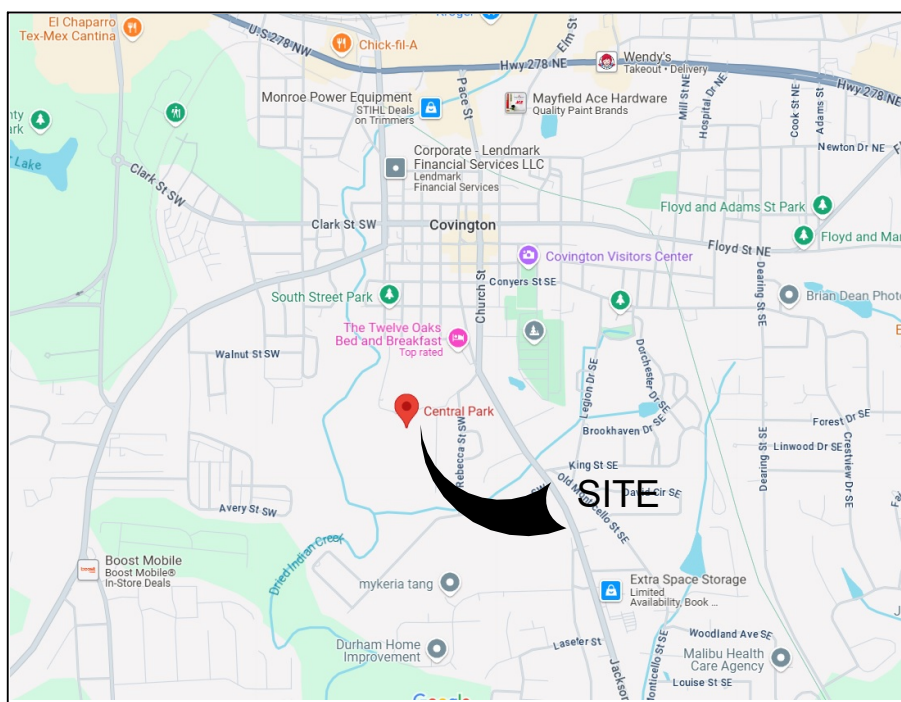
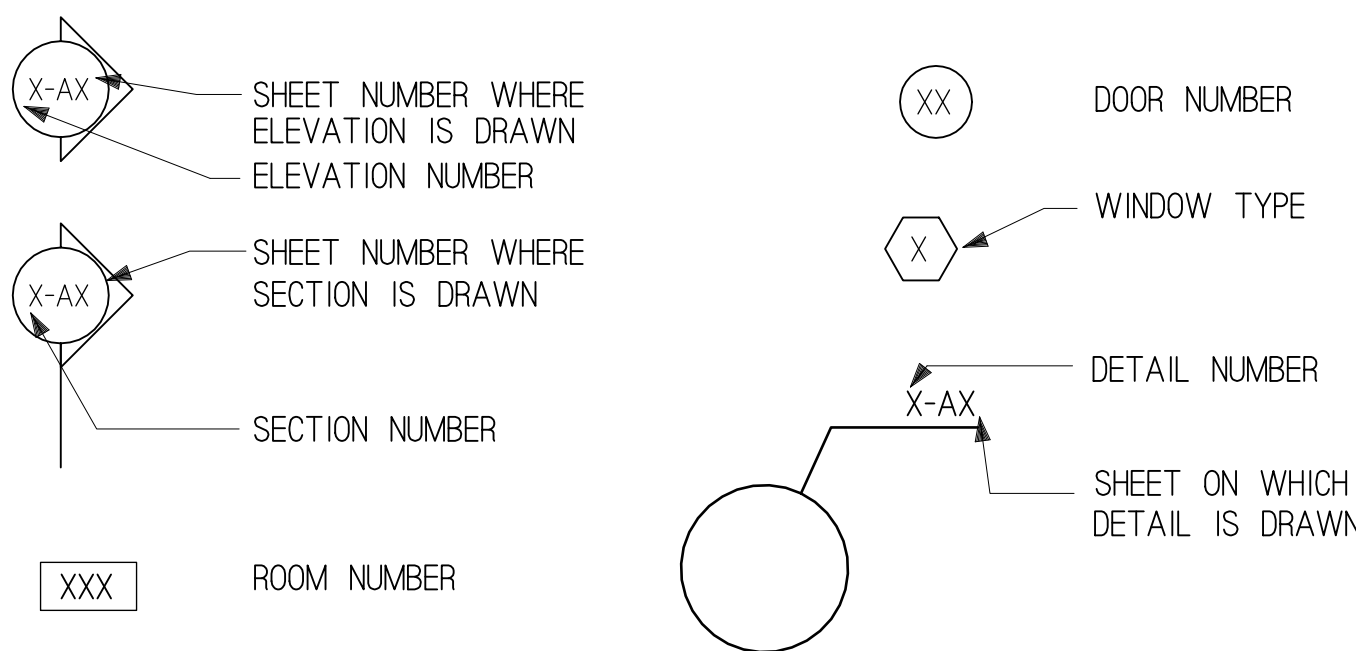
THESE NOTES ARE GENERAL IN NATURE AND IN NO WAY DIMINISH OTHER REQUIREMENTS OF THE CONTRACT DOCUMENTS.

- IN THE ABSENCE OF SPECIFIC DETAILS FOR A GIVEN CONDITION, REQUIREMENTS OF SIMILAR DETAILS APPLY.
- THE CONTRACTOR IS RESPONSIBLE FOR PROPER ROUTING AND COORDINATION OF TRADES WITHIN THIS WORK. NO REQUEST FOR INCREASE IN CONTRACT TIME OR AMOUNT WILL BE CONSIDERED, ARISING FROM FAILURE OF THE CONTRACTOR TO PROPERLY COORDINATE TRADES AND SUB-CONTRACTORS.
- CONTRACTOR IS TO FIELD VERIFY EXISTING CONDITIONS. ANY CONFLICTS BETWEEN THE DOCUMENTS AND EXISTING CONDITIONS ARE TO BE BROUGHT TO THE OWNER'S ATTENTION IMMEDIATELY. DO NOT PROCEED WITH ORDERING MATERIALS OR INSTALLING WORK SENSITIVE TO DIMENSIONS BEFORE CONFIRMING EXISTING CONDITIONS.
- UNLESS NOTED OTHERWISE, DIMENSIONS ARE GIVEN TO THE FACE OF FRAMING.
- THE ARCHITECT DID NOT PREPARE NOR IS HE RESPONSIBLE FOR SITE ENGINEERING, LAYOUT, OR LANDSCAPE PLANS. CONTRACTOR IS TO COORDINATE PROPER ROUTING OF UTILITIES TO THE PUBLIC UTILITY.

MATERIAL SYMBOLS

	CONCRETE (SECTION)		FRAMING LUMBER (SECT)
	CONCRETE (PLAN)		FINISH LUMBER (SECT)
	BRICK (SECTION OR PLAN)		PLYWOOD (SECTION)
	MASONRY (ELEVATION)		BATT INSUL (SECTION)
	WOOD STUD PARTITION		SPRAY FOAM INSUL (SECTION)
	CMU (SECTION OR PLAN)		METAL (SECTION)

REFERENCE SYMBOLS



VICINITY MAP
N.T.S.

ALPHA BLDG SET 09-03-2025

TYPICAL ABBREVIATIONS

@	-----	AT	F.F.	-----	FINISH FLOOR	P.L.	-----	PROPERTY LINE
A.B.	-----	ANCHOR BOLT	FIN.	-----	FINISH	PLYWD.	-----	PLYWOOD
A.F.F.	-----	ABOVE FINISH FLOOR	FL.	-----	FLOOR	PROJ.	-----	PROJECTION
ALT.	-----	ALTERNATE	F.R.	-----	FIRE RATED	P.T.	-----	PRESSURE TREATED
ALUM.	-----	ALUMINUM	FT.	-----	FOOT	PTD.	-----	PAPER TOWEL DISPENSER
AND.	-----	ANDOIDZED	FTD.	-----	FACIAL TISSUE DISPENSER	PTDR.	-----	PAPER TOWEL DISPENSER/RECEPTACLE
BCS	-----	BABY CHANGING STATION	GA.	-----	GAUGE	PTR	-----	PAPER TOWEL RECEPTACLE
BD.	-----	BOARD	GALV.	-----	GALVANIZED	RAD.	-----	RADIUS
BET.	-----	BETWEEN	G.B.	-----	GRAB BAR	R.D.	-----	ROOF DRAIN
BLK.	-----	BLOCK	G.C.C.B.	-----	GLAZE COATED	RECEP.	-----	RECEPTACLE
B.N.	-----	BULL NOSE	GYP.	-----	GYPSUM	REINF.	-----	REINFORCED
BM.	-----	BEAM	H.C.	-----	HANDICAPPED ACCESSIBLE	REQD.	-----	REQUIRED
BOT.	-----	BOTTOM	H.M.	-----	HOLLOW METAL	R.H.	-----	ROBE HOOK
C	-----	CHANNEL	HOL.	-----	HOLLOW	RM.	-----	ROOM
CL.	-----	CENTERLINE	HT.	-----	HEIGHT	R/W	-----	RIGHT OF WAY
CAB.	-----	CABINET	INSUL.	-----	INSULATION	S.C.	-----	STORAGE CABINET
CB	-----	CHALKBOARD	JST.	-----	JOIST	S.D.	-----	SOAP DISPENSER
CLG.	-----	CEILING	JT.	-----	JOINT	S.F.	-----	SQUARE FOOT
CMU	-----	CONCRETE MASONRY UNIT	LAM.	-----	LAMINATED	SIM.	-----	SIMILAR
COL.	-----	COLUMN	L.F.	-----	LINEAL FOOT	SND	-----	SANITARY NAPKIN DISPENSER
CONC.	-----	CONCRETE	MANUF.	-----	MANUFACTURER	SNR	-----	SANITARY NAPKIN RECEPTACLE
CONT.	-----	CONTINUOUS	MAX.	-----	MAXIMUM	S.F.	-----	SQUARE FOOT
C.R.	-----	CLASSROOM	MB	-----	MARKER BOARD	S/S	-----	STAINLESS STEEL
CTR.	-----	CENTER	MET.	-----	METAL	S.T.	-----	SOAP TRAY
DIA.	-----	DIAMETER	MIN.	-----	MINIMUM	STL.	-----	STEEL
D.B.N.	-----	DOUBLE BULL NOSE	MIR.	-----	MIRROR	STOR.	-----	STORAGE
DET.	-----	DETAIL	MISC.	-----	MISCELLANEOUS	SUSP.	-----	SUSPENDED
D.F.	-----	DRINKING FOUNTAIN	M.O.	-----	MASONRY OPENING	T.B.	-----	TACK BOARD
DIM.	-----	DIMENSION	N.I.C.	-----	NOT IN CONTRACT	T.C.	-----	TEACHER'S CABINET
DISP.	-----	DISPENSER	NOM.	-----	NOMINAL	TEMP.	-----	TEMPERED
EA.	-----	EACH	N.T.S.	-----	NOT TO SCALE	TH	-----	TOWEL HOLDER
EHD	-----	ELECTRIC HAND DRYER	O.H.	-----	OPPOSITE HAND	TK.	-----	THICK
E.J.	-----	EXPANSION JOINT	OH	-----	OVERHEAD	TR	-----	TOWEL ROD
ELEV.	-----	ELEVATION	O.C.	-----	ON CENTER	TTD	-----	TOILET TISSUE DISPENSER
EQ.	-----	EQUAL	O.D.	-----	OUTSIDE DIAMETER	TYP.	-----	TYPICAL
EXP.	-----	EXPANSION	PL.	-----	PLATE	UNL.	-----	UNLESS NOTED
EXT.	-----	EXTERIOR	P.C.B.	-----	PAINTED CONCRETE BLOCK	USU	-----	UTILITY SHELF UNIT
F.D.	-----	FLOOR DRAIN	P.E.J.	-----	PERFORMED EXPANSION JOINT	W/	-----	WITH
F.E.	-----	FIRE EXTINGUISHER						

BRIEF NARRATIVE

NEW BUILDING CONSTRUCTION AT AN EXISTING CITY PARK TO HOUSE PUBLIC TOILETS AND STORAGE. BUILDING IS TO HAVE MASONRY LOAD-BEARING WALLS WITH A WOOD-FRAMED ROOF. BUILDING IS TO BE SEMI-HEATED PER ASHRAE 90.1

DEFERRED SUBMITTALS

CODE DATA

CODE DATA, BUILDING B:
NFPA OCCUPANCY TYPE: BUSINESS ACCESSORY TO ASSEMBLY (OUTDOOR)
IBC OCCUPANCY TYPE: BUSINESS (B) ACCESSORY TO ASSEMBLY A-5
NFPA CONSTRUCTION TYPE: V(000) - COMBUSTIBLE ROOF
IBC CONSTRUCTION TYPE: V-B

BUILDING IS NOT FIRE SPRINKLED
TABULAR ALLOWABLE AREA PER IBC: 9,000 SF
FRONTAGE INCREASE NOT APPLICABLE

GROSS FLOOR AREA ENCLOSED = 450 SF
OCCUPANT LOAD - STORAGE 249 S.F. @ 300 S.F. GROSS = 1
OCCUPANT LOAD - TOILET ROOMS 112 S.F. @ 15 = 8
TOTAL CALCULATED OCCUPANT LOAD 9

COMPLY WITH THE FOLLOWING CODES & STANDARDS:
INTERNATIONAL BUILDING CODE, 2018 EDITION AS AMENDED BY THE STATE OF GEORGIA
INTERNATIONAL PLUMBING CODE, 2018 EDITION AS AMENDED BY THE STATE OF GEORGIA
INTERNATIONAL FUEL GAS CODE, 2018 EDITION AS AMENDED BY THE STATE OF GEORGIA
INTERNATIONAL MECHANICAL CODE, 2018 EDITION AS AMENDED BY THE STATE OF GEORGIA
NATIONAL ELECTRIC CODE, 2023 EDITION AS AMENDED BY THE STATE OF GEORGIA
INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION AS AMENDED BY THE STATE OF GEORGIA
INTERNATIONAL FIRE CODE, 2018 EDITION AS ADOPTED & AMENDED BY THE RULES & REGULATIONS OF THE SAFETY FIRE COMMISSIONER CHAPTER 120-3-3-.04(3)
NFPA 101 LIFE SAFETY CODE, 2024 EDITION AS ADOPTED & AMENDED BY THE RULES & REGULATIONS OF THE SAFETY FIRE COMMISSIONER CHAPTER 120-3-3-.04(72)
THE ADA STANDARDS FOR ACCESSIBLE DESIGN, AS ADOPTED & AMENDED BY THE RULES & REGULATIONS OF THE SAFETY FIRE COMMISSIONER CHAPTER 120-3-20-.02(2)(b)
RULES & REGULATIONS OF THE SAFETY FIRE COMMISSIONER CHAPTER 120-3-3 (STATE MINIMUM FIRE SAFETY STANDARDS)
RULES & REGULATIONS OF THE SAFETY FIRE COMMISSIONER CHAPTER 120-3-20 (ACCESS TO AND USE OF PUBLIC FACILITIES BY HANDICAPPED PERSONS)

REVISED 10/10/2025
AHJ COMMENTS

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A-4	WALL SECTIONS
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S-3	STRUCTURAL DETAILS
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P-1.1	HVAC FLOOR PLANS
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E-1.1	ELECTRICAL SPECIFICATIONS, LEGEND, DETAILS, LIGHTING SCHEDULE
E-2.1	ELECTRICAL PLANS, DETAILS, NOTES & MECHANICAL POWER SCHEDULE
E-3.1	LIGHTING CERTIFICATES, PANELBOARD SCHEDULES, RISERS & DETAILS

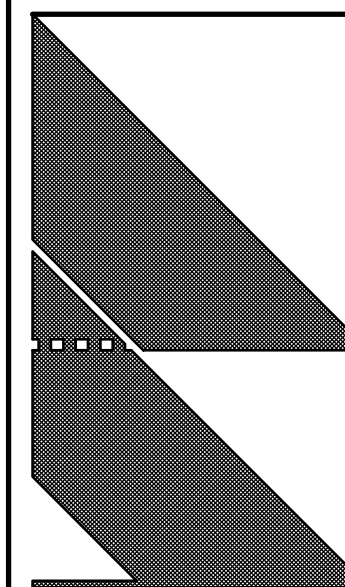
BY OTHERS
INCLUDED FOR REFERENCE

NOTE:
THESE DOCUMENTS WERE PREPARED UNDER A LIMITED SERVICES "PLANS ONLY" AGREEMENT. THE ARCHITECT IS NOT RESPONSIBLE FOR THE USE MADE OF THESE DOCUMENTS OR THEIR CORRECT INTERPRETATION. ANY CONFLICTS ARE TO BE BROUGHT IMMEDIATELY TO THE ARCHITECT UPON THEIR DISCOVERY

SITWORK AND BUILDING MECHANICAL, ELECTRICAL & PLUMBING ENGINEERING ARE THE RESPONSIBILITY OF OTHERS.

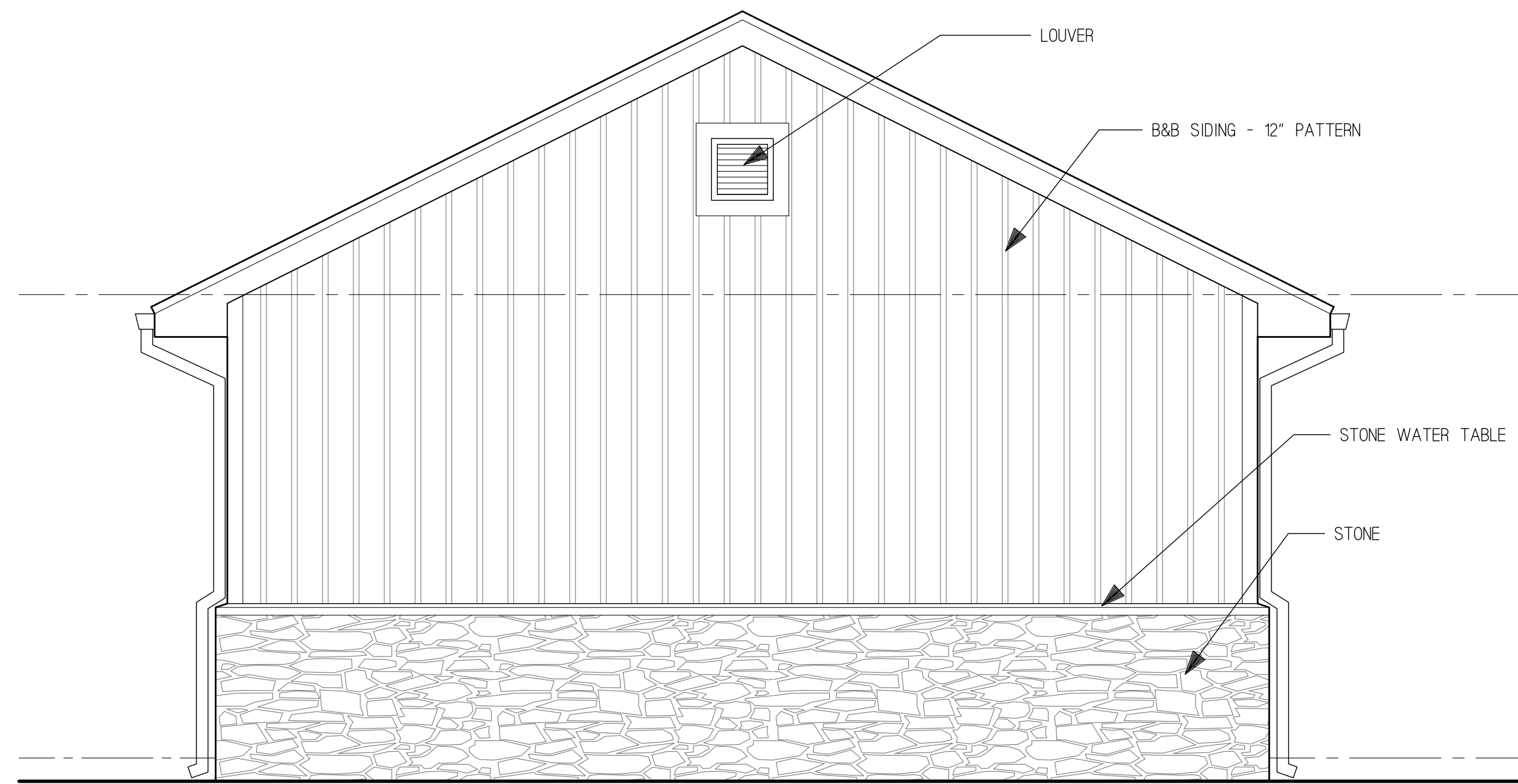
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1316 BELLEVUE AVENUE
GEORGIA 31021
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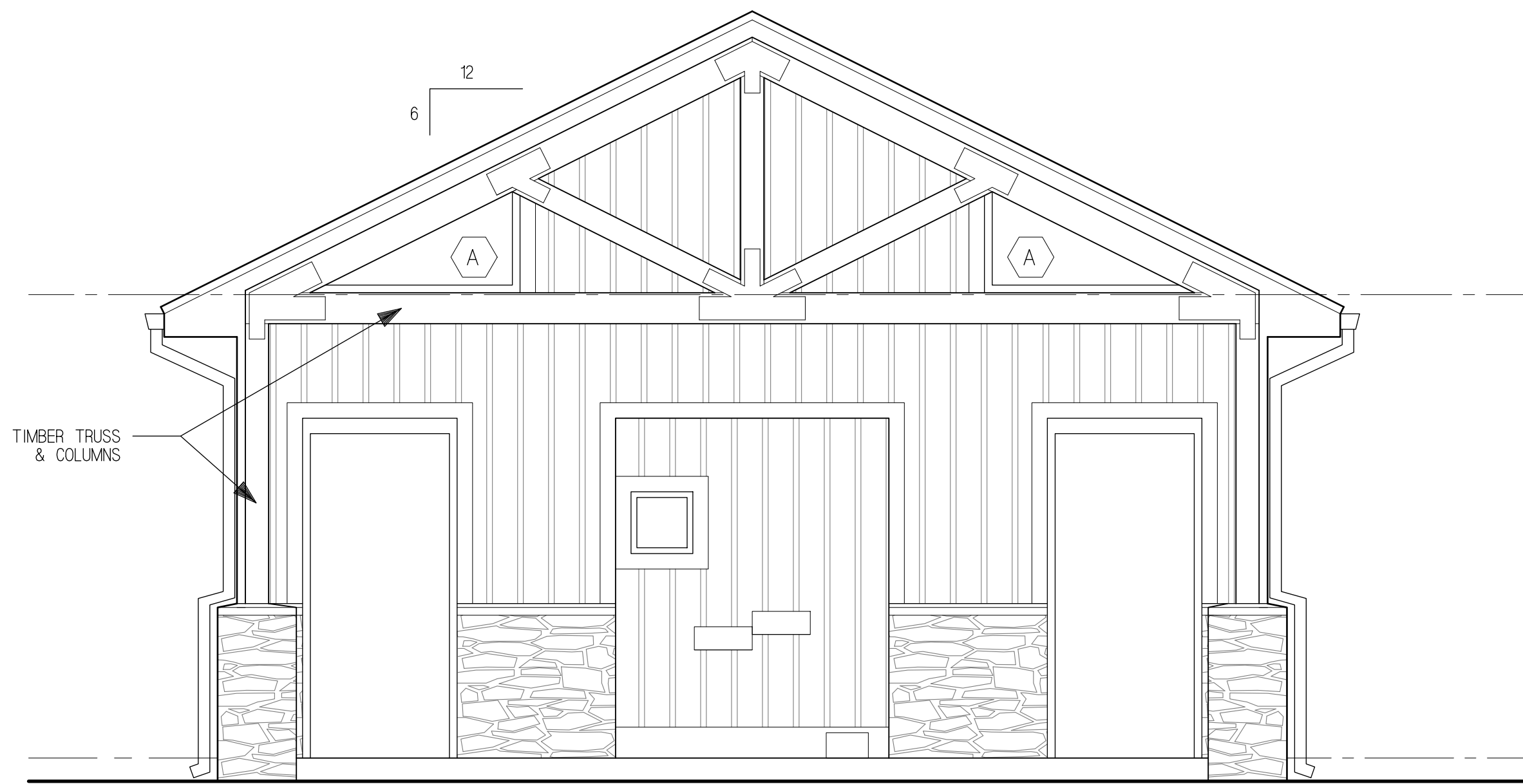


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PERMITS
DATE: 05-16-2025
DATE: 25-107
PROJECT NO.

SHEET:
A-0
TOTAL 15 SHEETS

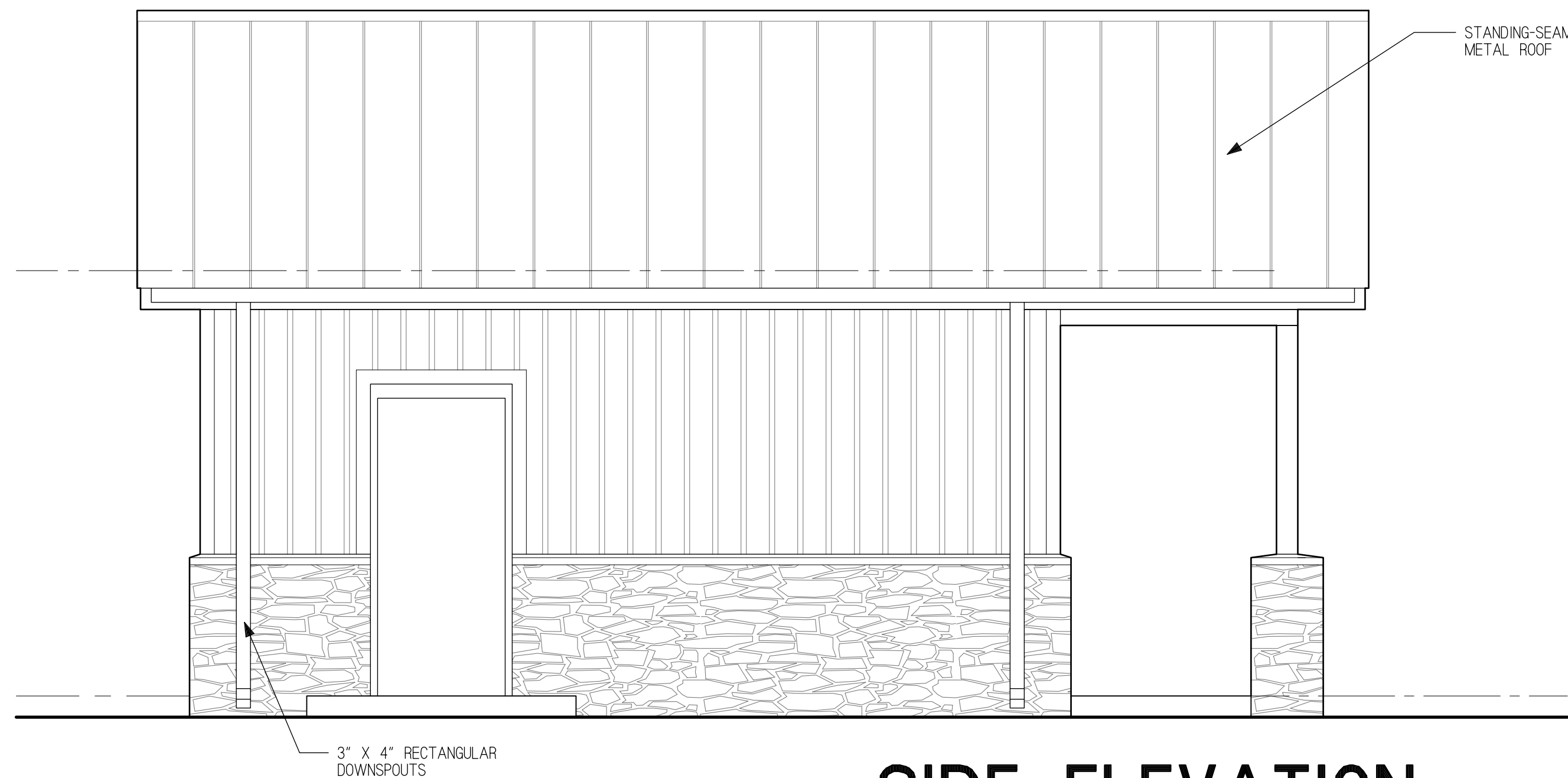


3 REAR ELEVATION
SCALE: 3/8" = 1'-0"

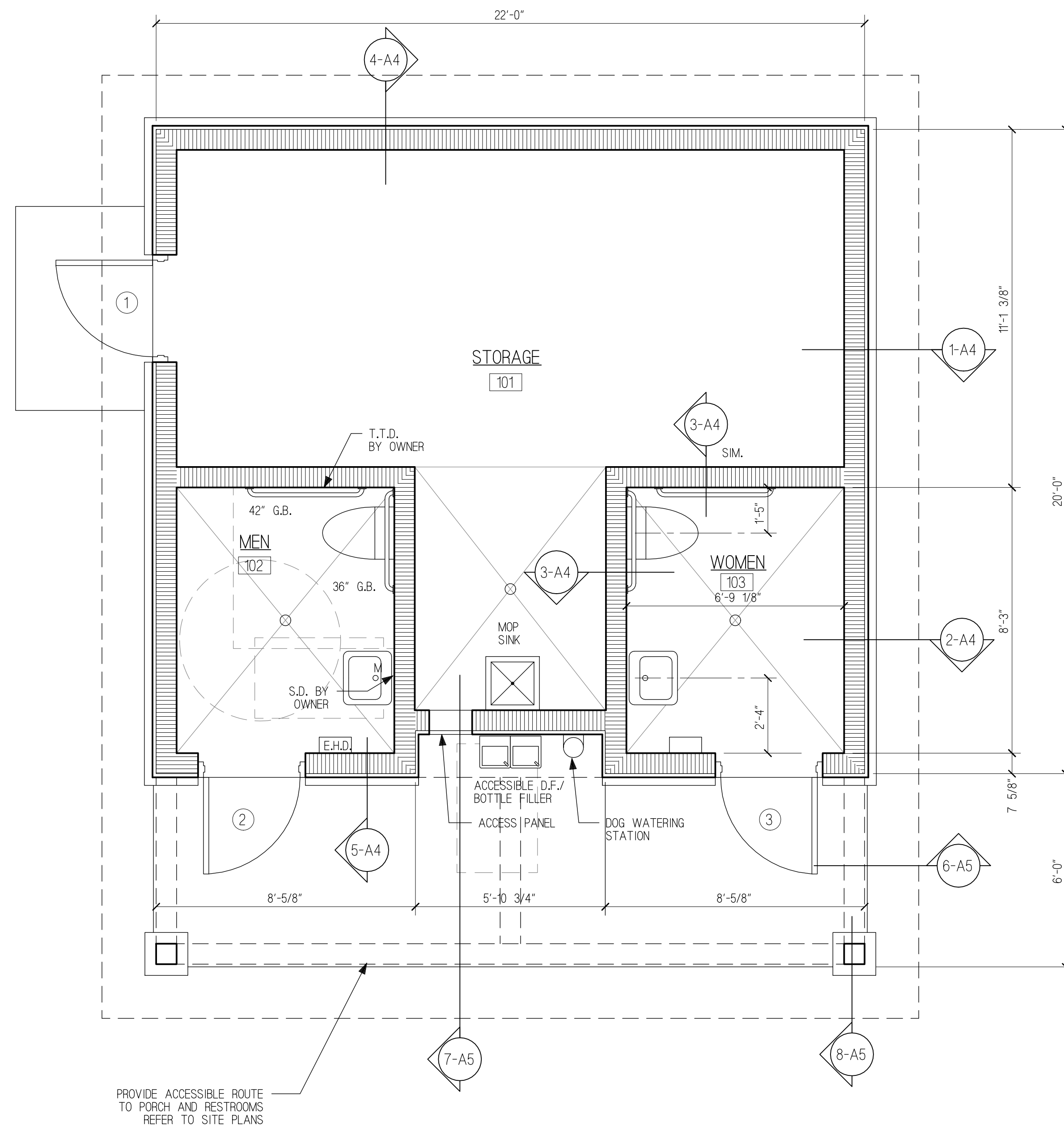


2 FRONT ELEVATION
SCALE: 3/8" = 1'-0"

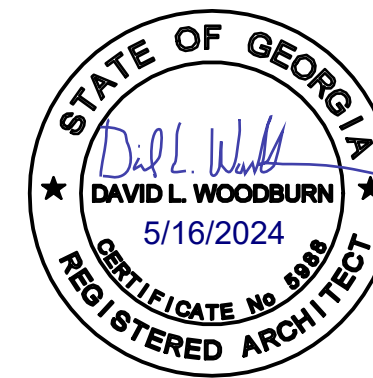
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4 SIDE ELEVATION
SCALE: 3/8" = 1'-0"

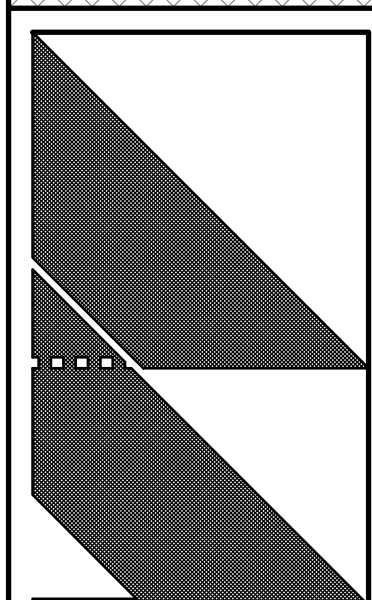


1 FLOOR PLAN
SCALE: 3/8" = 1'-0" OVERALL



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1316 BELLEVUE AVENUE DUBLIN, GEORGIA 31021 (478) 272-8392



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SHEET:
A-1
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OFFICE INSULATION MINIMUM STANDARDS:
ROOF: R-19
EXTERIOR WALLS: R-13

ALL INTERIOR FINISHES ARE TO BE CERTIFIED
CLASS A, B OR C IN ACCORDANCE WITH ASTM E 84.
FLAME SPREAD = 0-200
SMOKE DEVELOPED = 0-450

REVISED 10/10/2025
AHJ COMMENTS

RATED PARTITION LEGEND

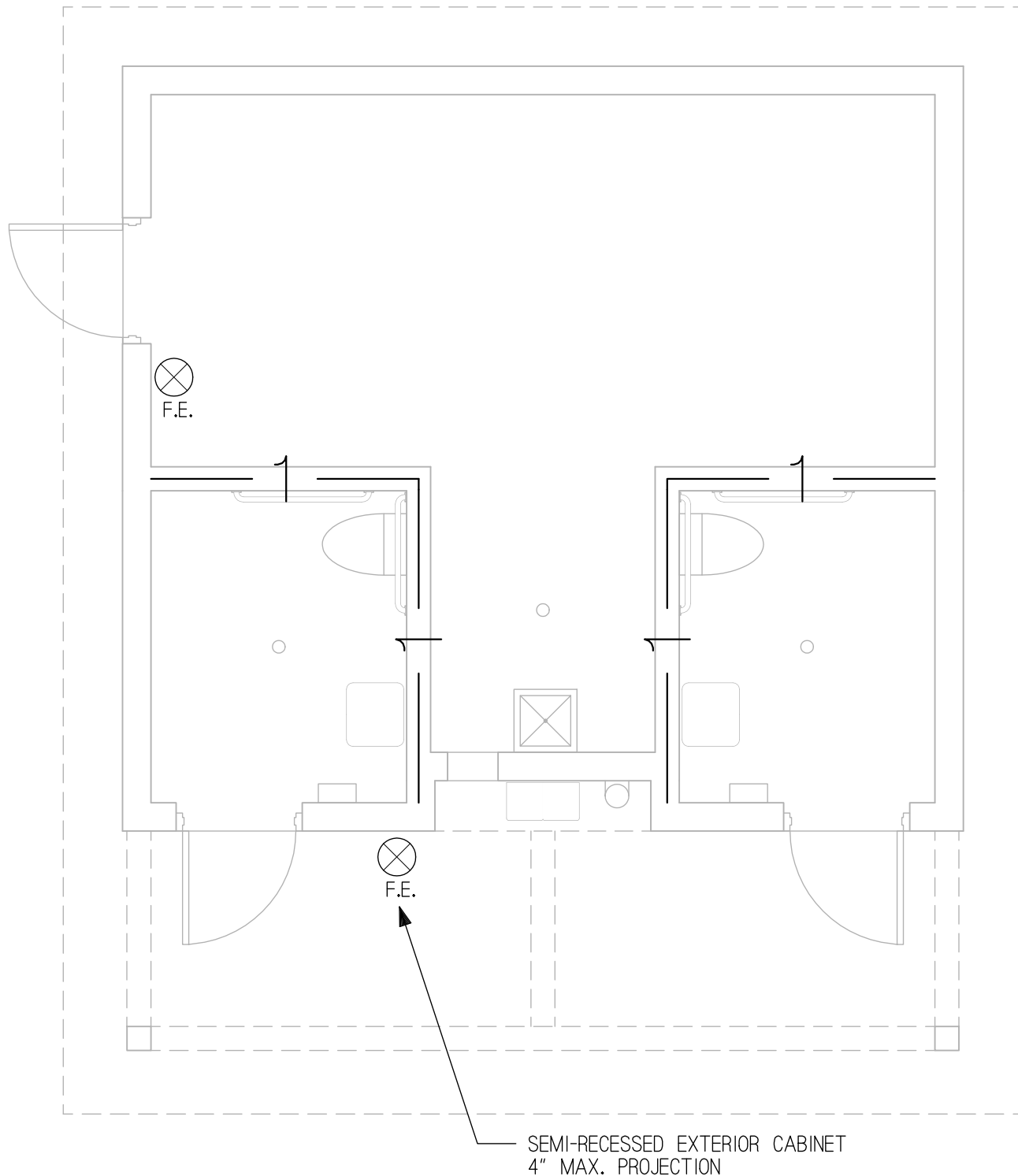
1 HOUR RATED FIRE PARTITION

F.E. FIRE EXTINGUISHER

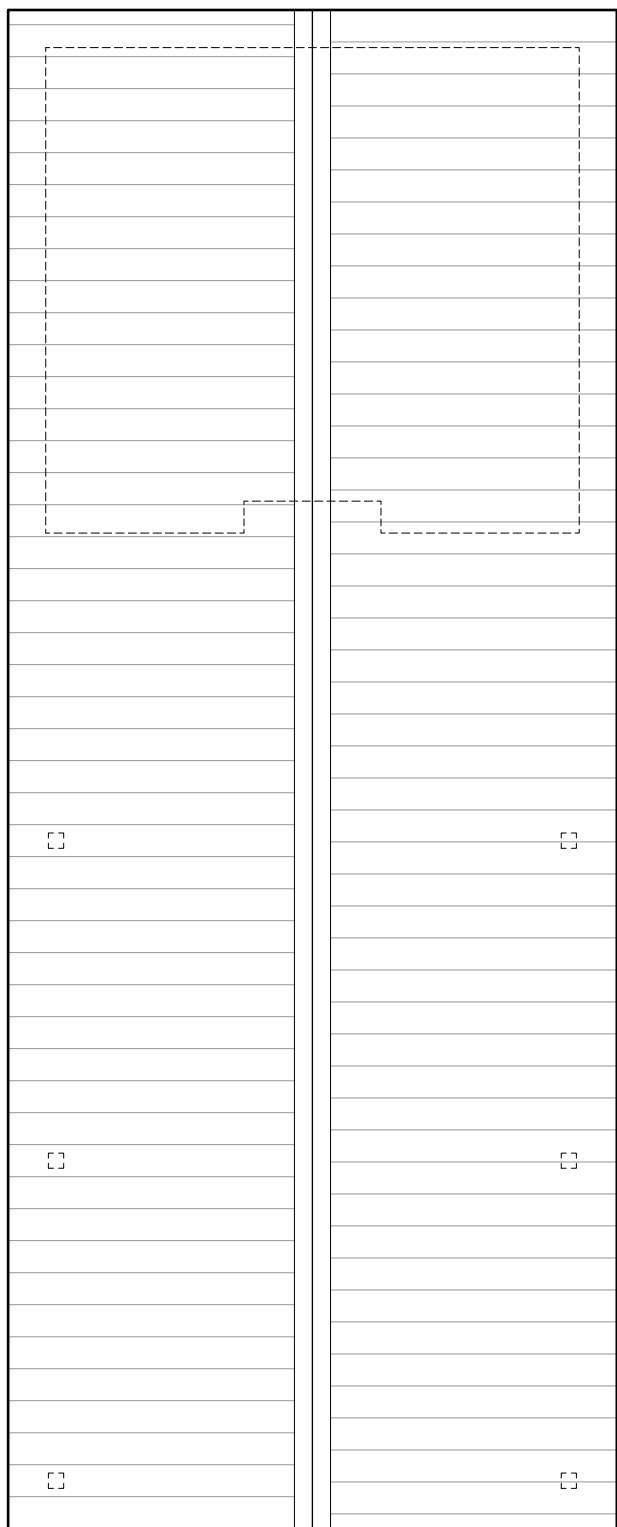
NOTES:

1 HR. RATED WOOD STUD WALLS SHALL COMPLY WITH UL #U305 - EXTEND TO AND SEAL TO ROOF DECK ABOVE NOM. 8" CMU.
1 LAYER 5/8" F.R. GYP. BD. EA. SIDE OF WALL

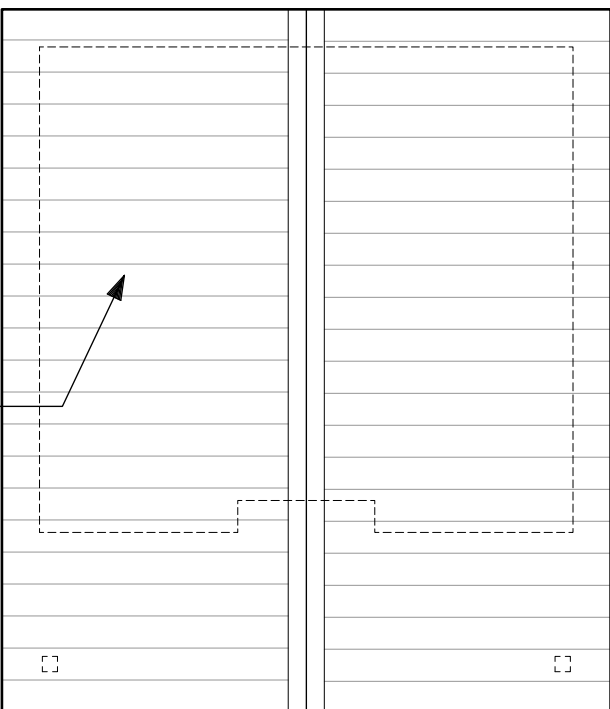
ALL FIRE EXTINGUISHERS REGARDLESS OF TYPE ARE CLASS ABC 10 POUND, IN OFFICE MOUNT IN SEMI-RECESSED CABINET W/ 4" MAXIMUM PROJECTION



1 OVERALL FLOOR PLAN
SCALE: 1/4" = 1'-0" LIFE SAFETY

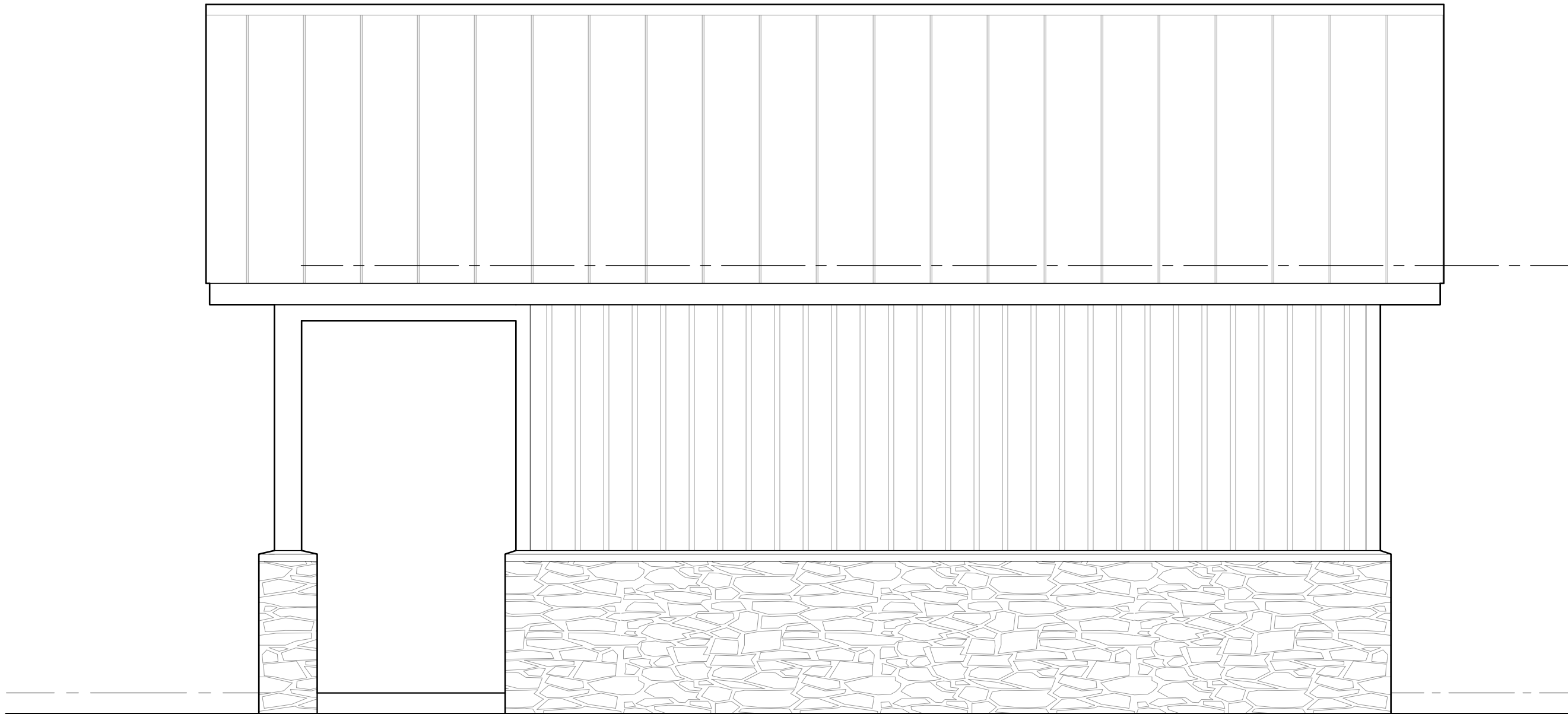


4 ROOF PLAN
SCALE: 1/8" = 1'-0" ALTERNATE



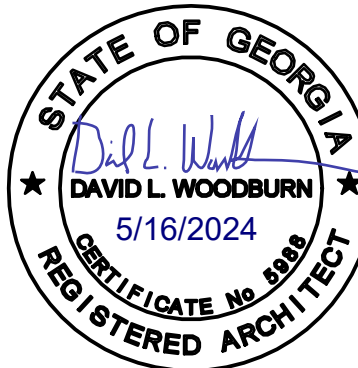
STANDING-SEAM METAL
ROOF PANELS: 16"-18"
PANEL WIDTH, KYNAR
FINISH ON GALVALUME

3 ROOF PLAN
SCALE: 1/8" = 1'-0" BASE BID



2 SIDE ELEVATION
SCALE: 3/8" = 1'-0"

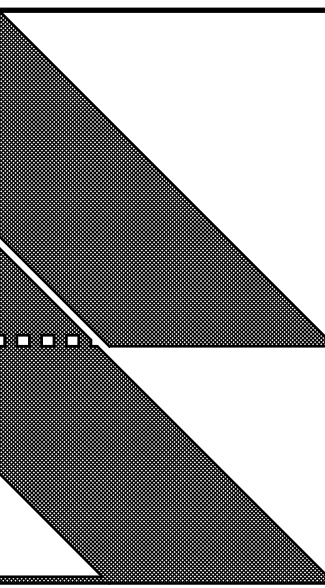
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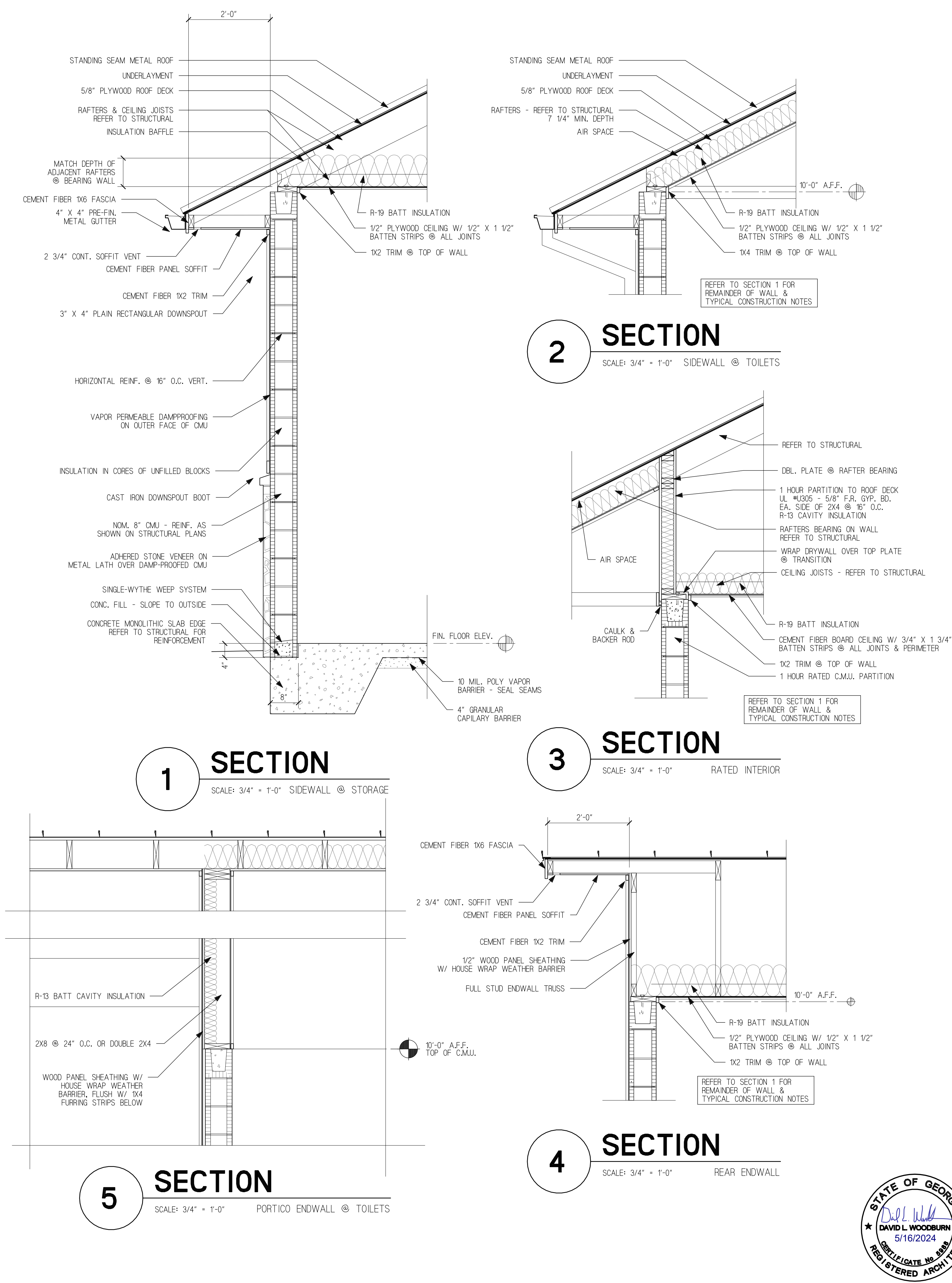
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1316 BELLEVUE AVENUE
COVINGTON



ISSUED FOR:
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DATE: 05-16-2025
PROJECT NO.: 25-017

SHEET:
A-2
TOTAL # SHEETS

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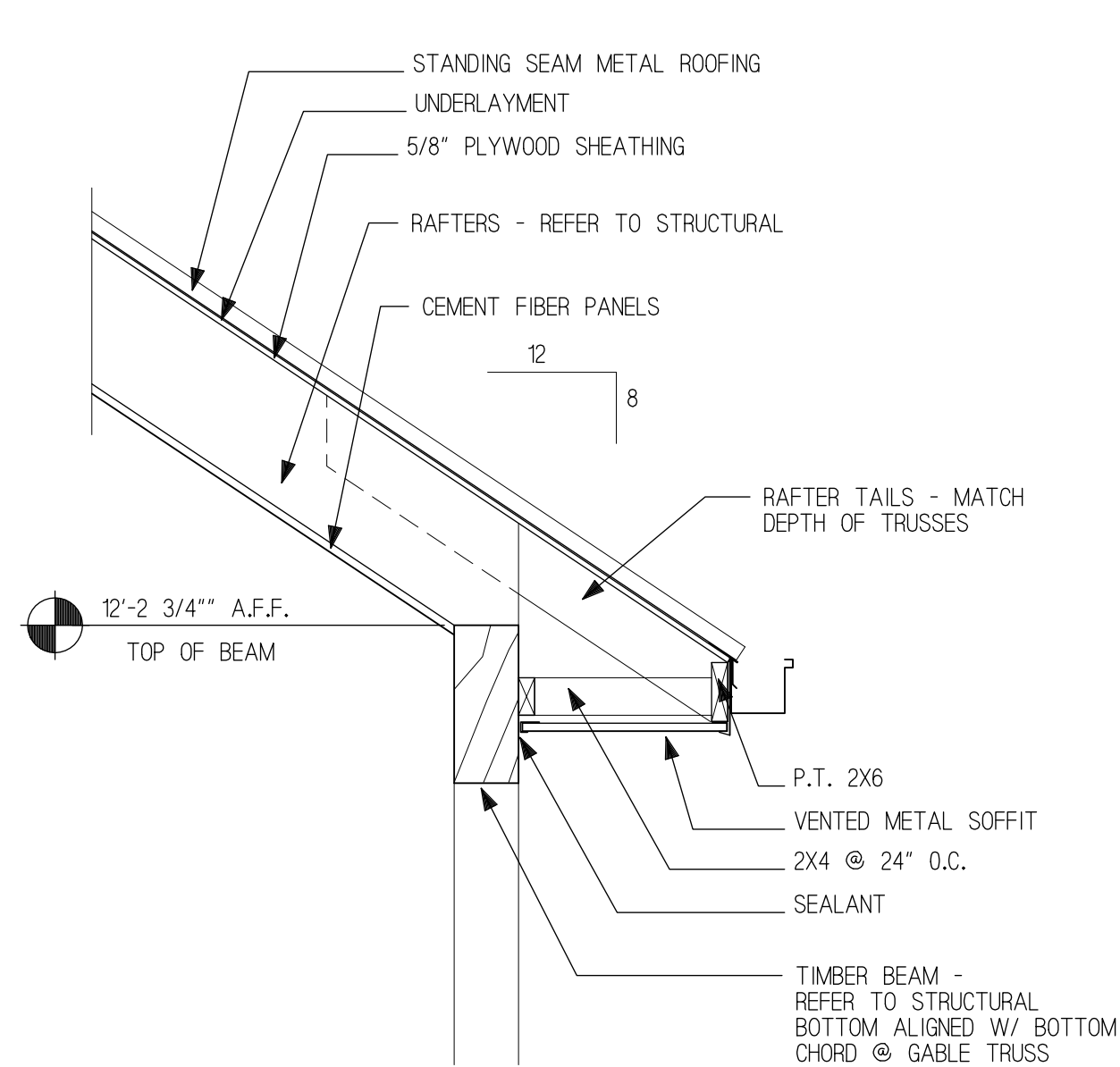
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1316 BELLEVUE AVENUE DUBLIN, GEORGIA 31021 (478) 272-8392

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SHEET: **A-4**

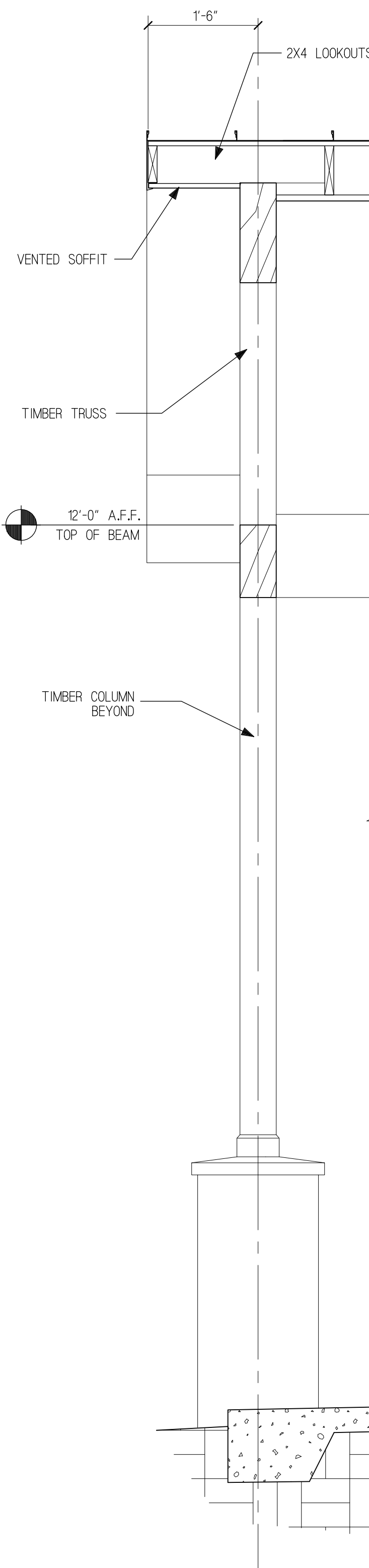
TOTAL # SHEETS



6 SECTION

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

PORTICO SIDE

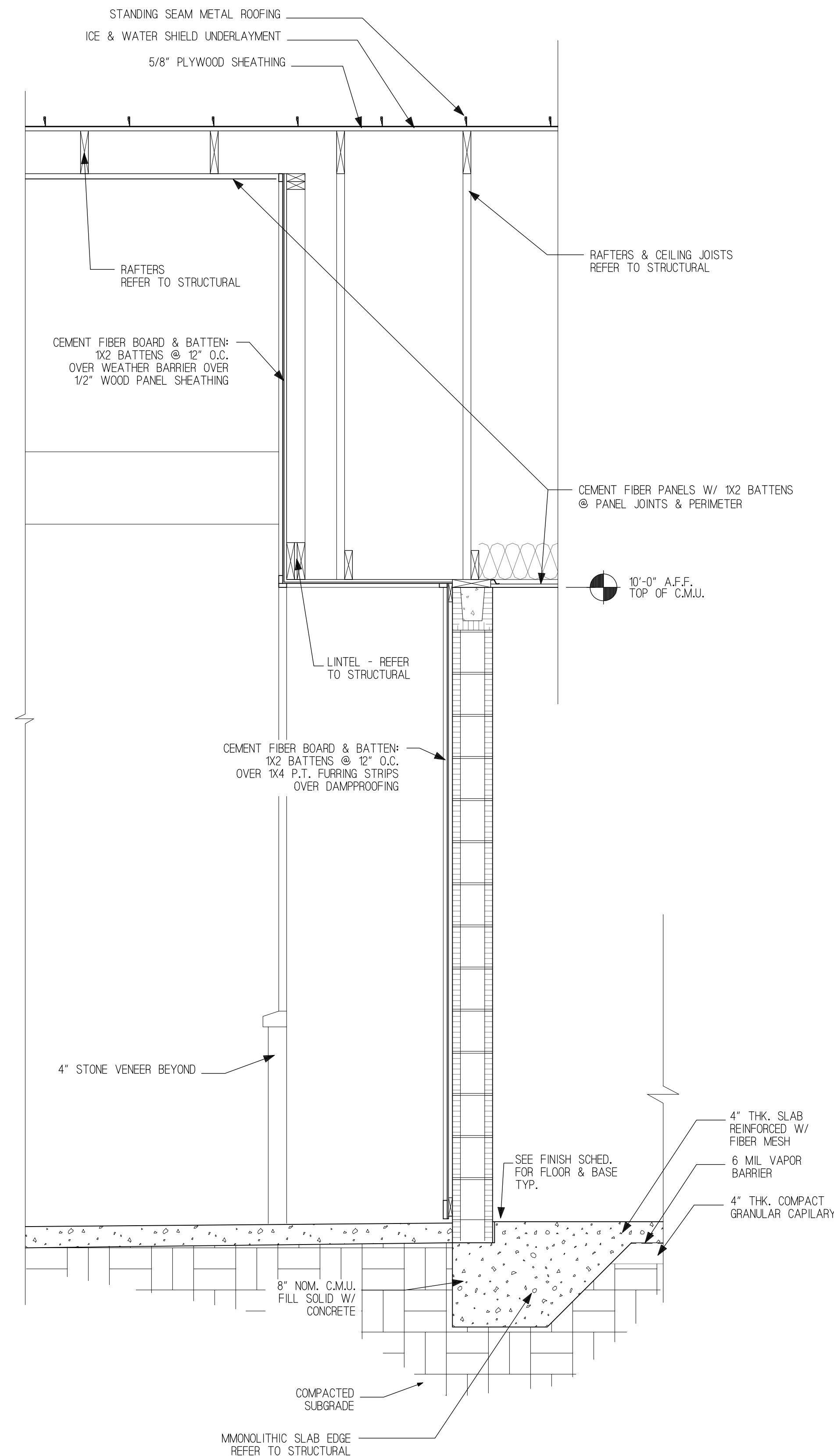


8 SECTION

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

COLUMN BASE

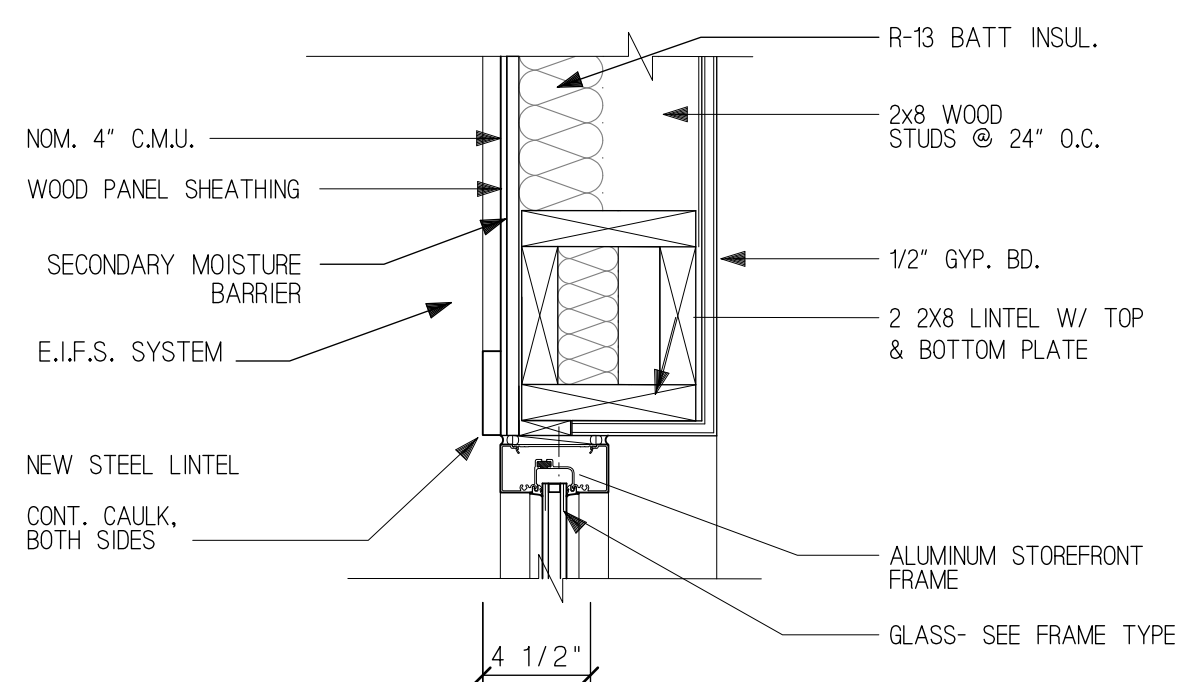
INTERMEDIATE COLUMN
LINES ONLY
FOR ALTERNATE



7 SECTION

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

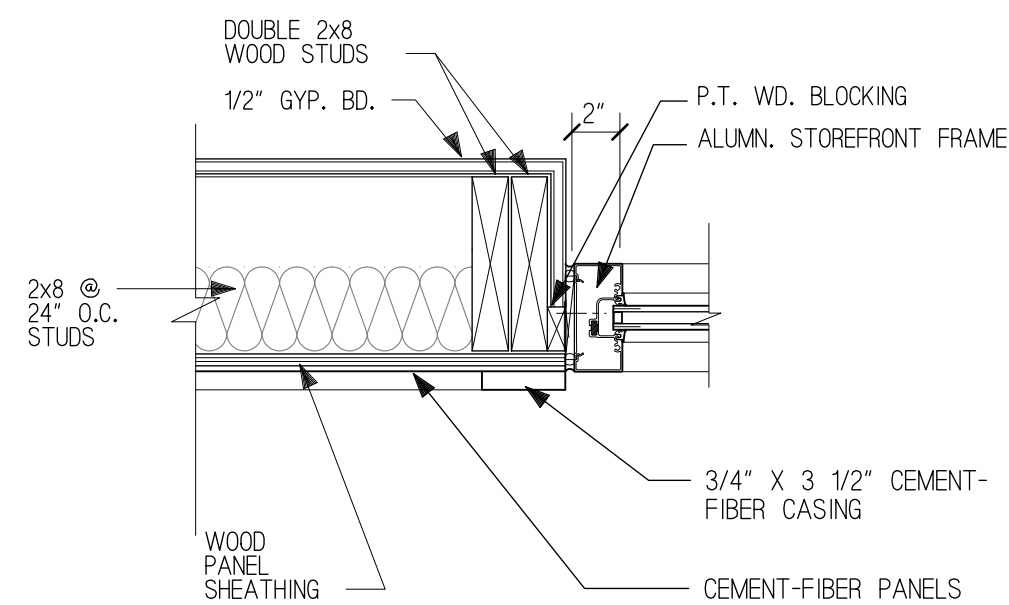
PORTICO ENDWALL CENTER



9 HEAD

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

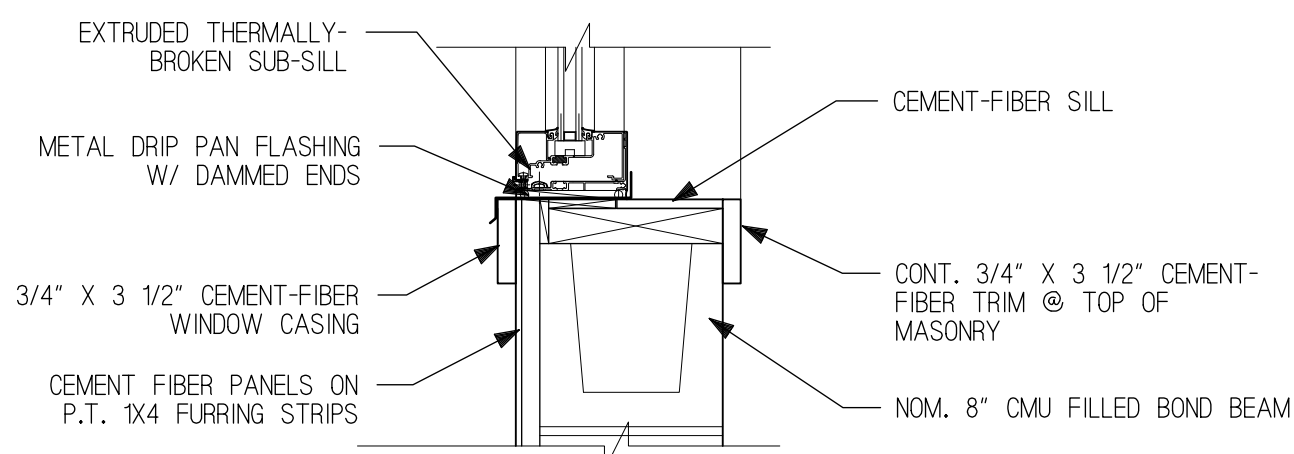
ALUM. STOREFRONT



10 JAMB

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

ALUM. STOREFRONT

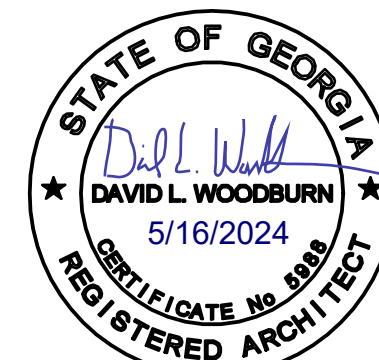


11 SILL

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

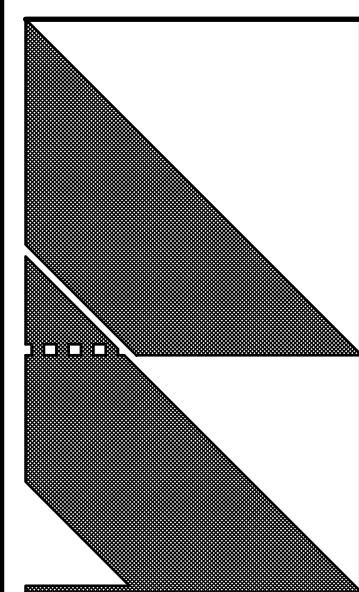
ALUM. STOREFRONT
@ EIFS

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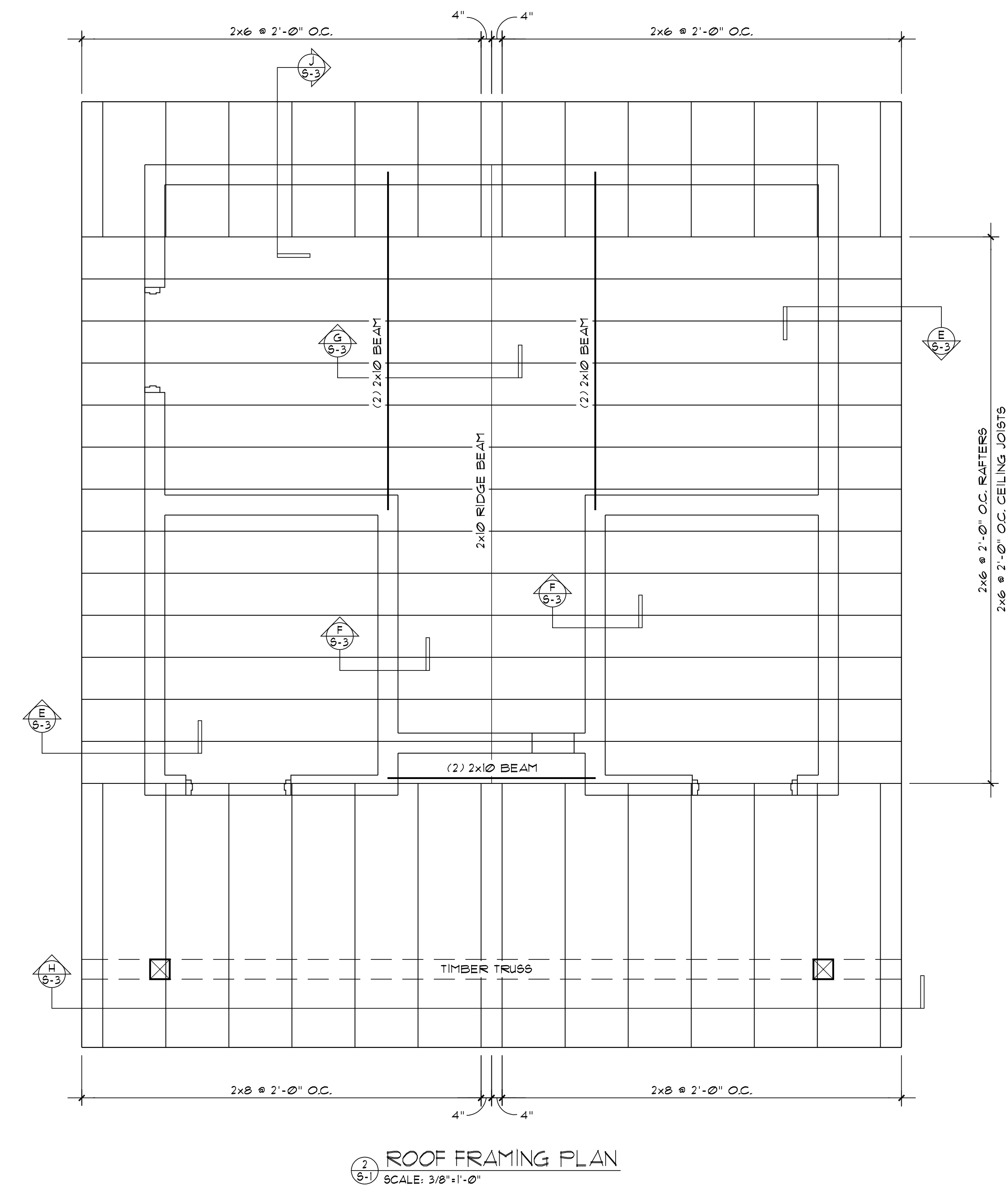
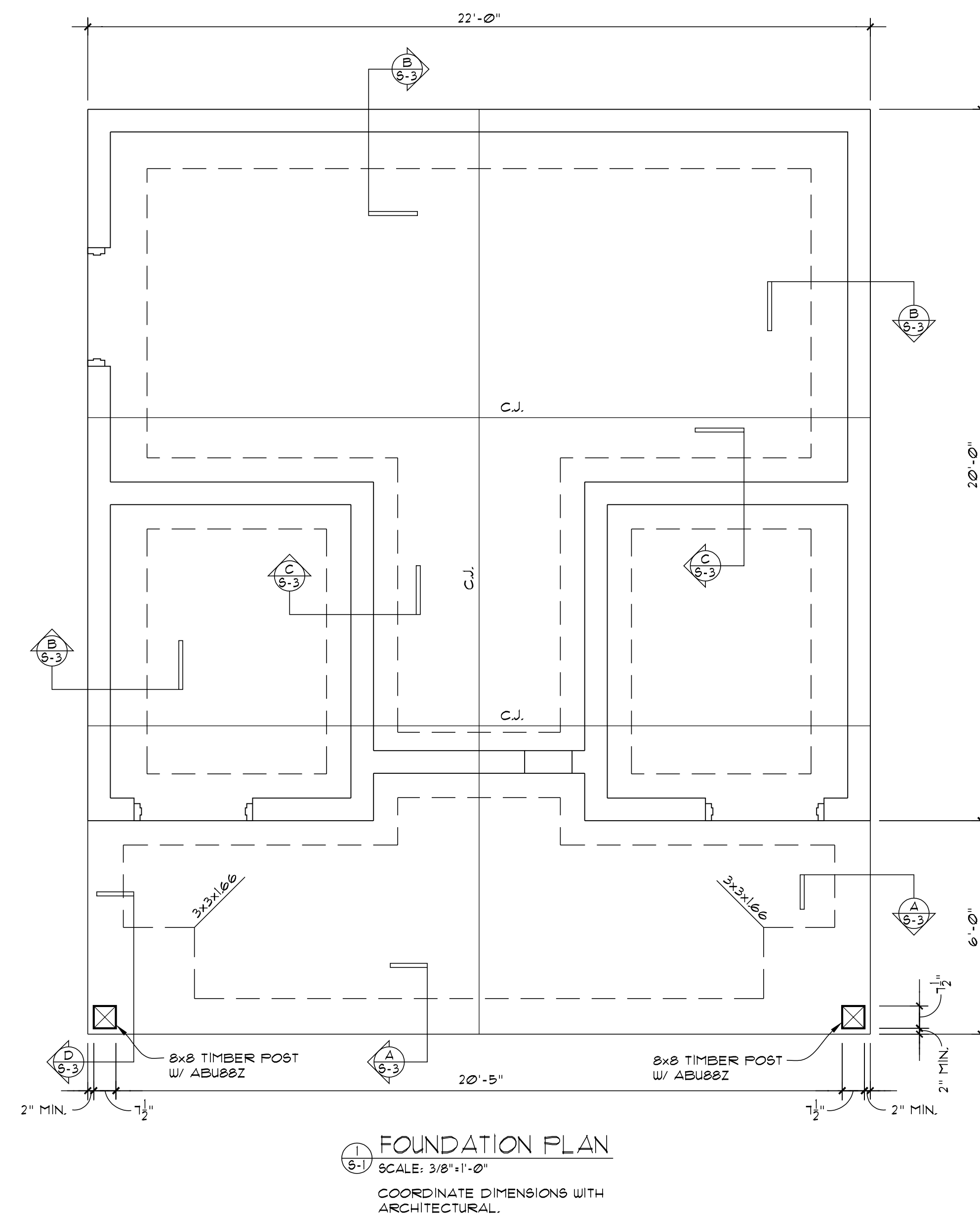
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ALPHA BLDG SET 09-03-2025



5-21-2025



ISSUED FOR:
REVISION

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PROJECT NO.

PROJECT NO.

Figure 1

15

2335 A. SPENS

CENTRAL PARK RESTROOMS
NEW CONSTRUCTION

COVINGTON

GEORGIA

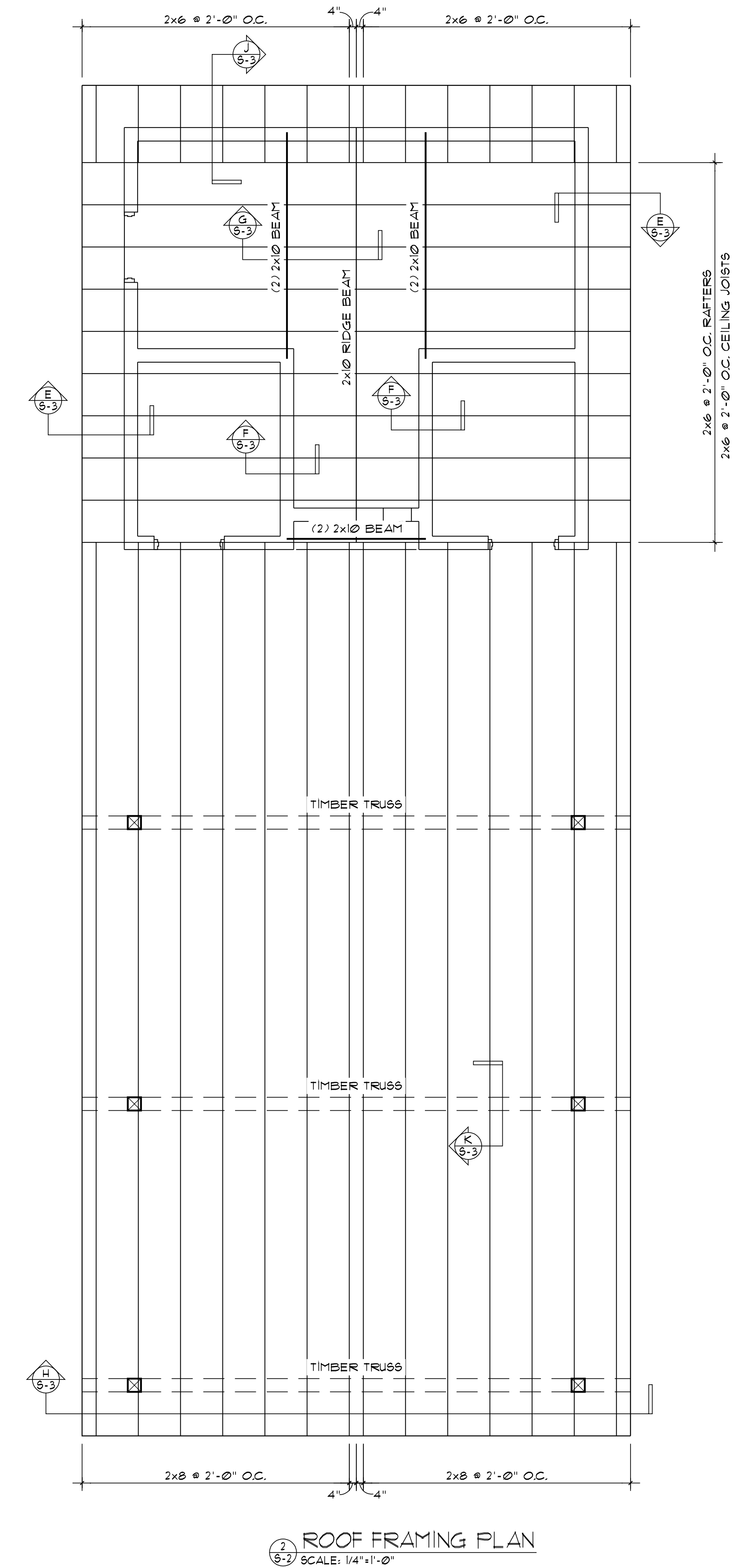
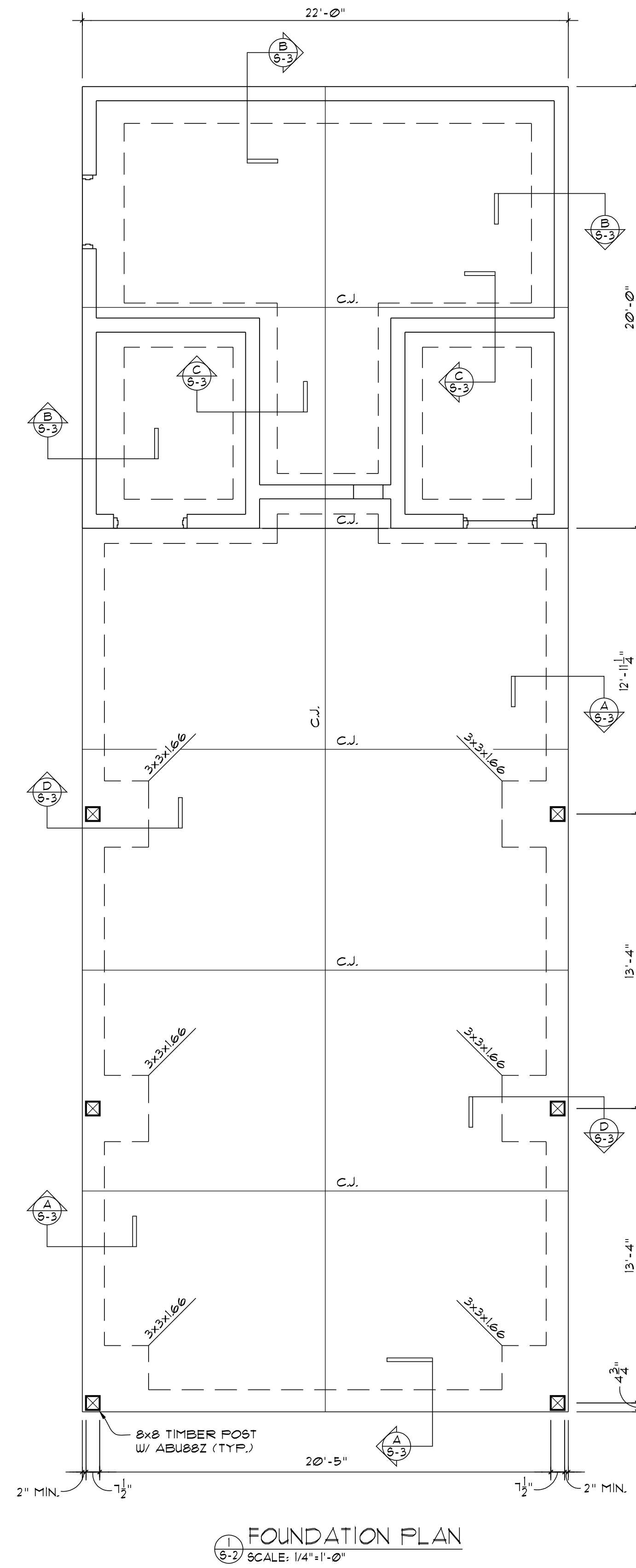
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DUBIL, GEORGE 3102

12/25/2017

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DAVID L. WOODBURN
ARCHITECT

AND SHALL NOT BE USED OR REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.



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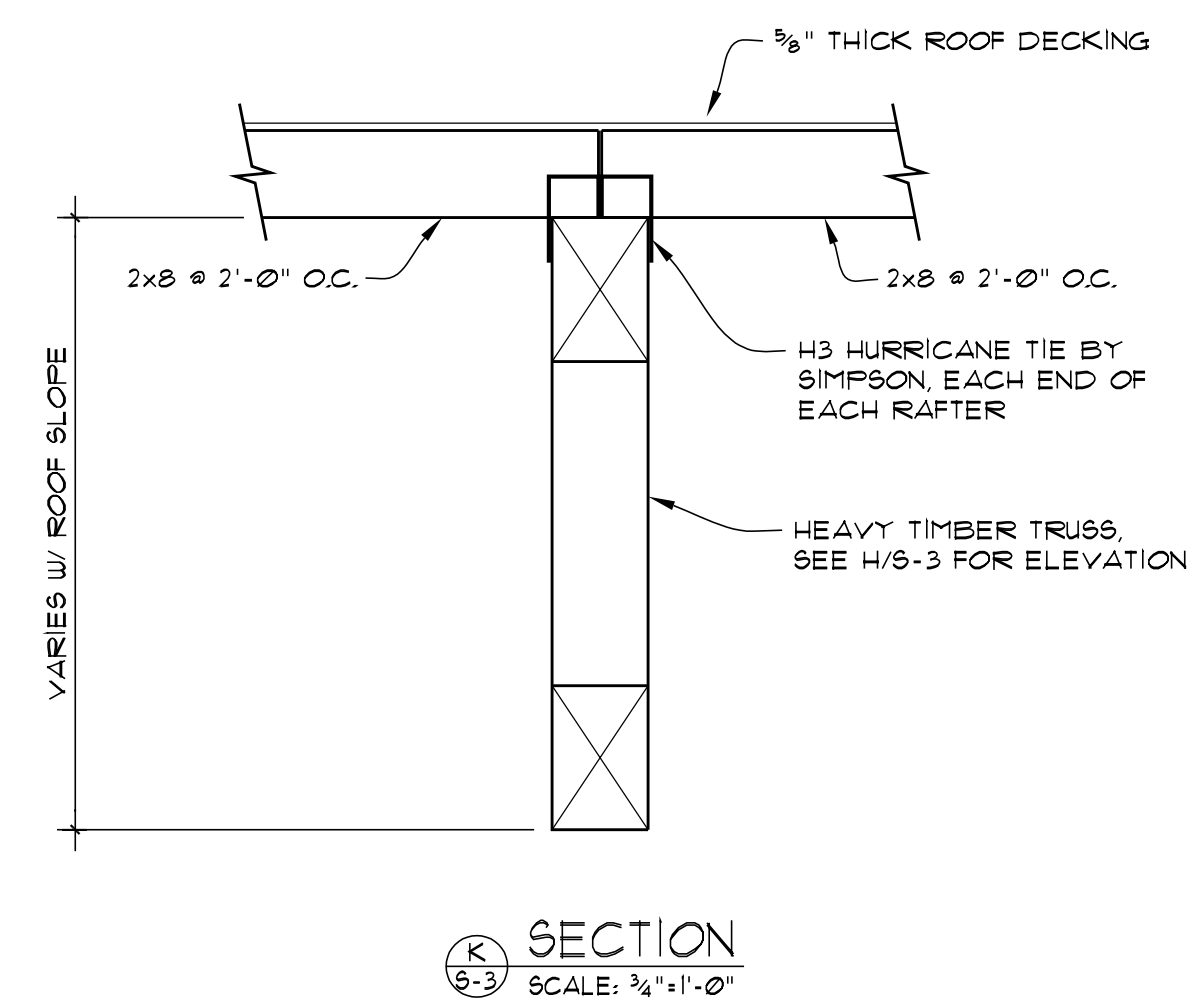
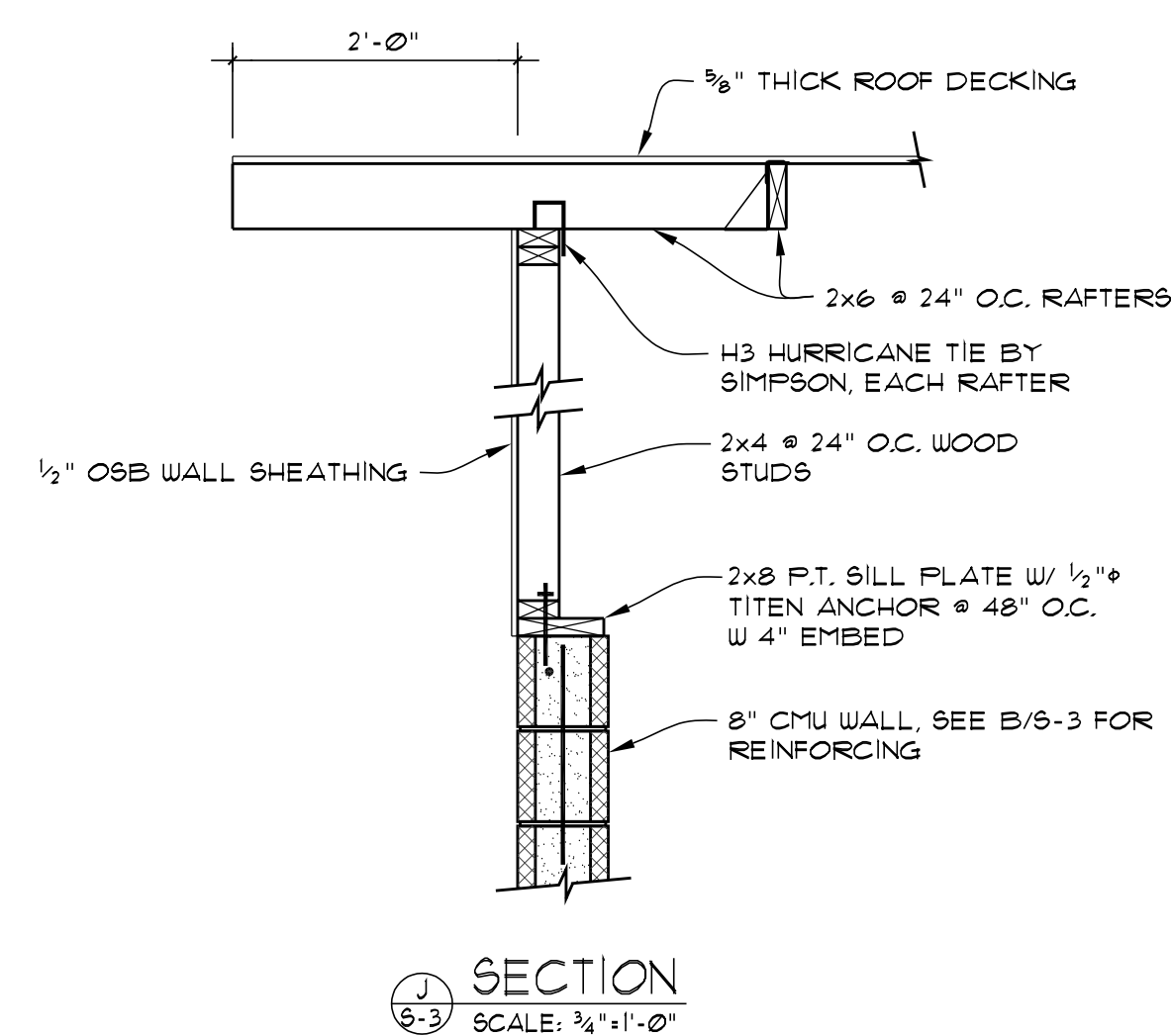
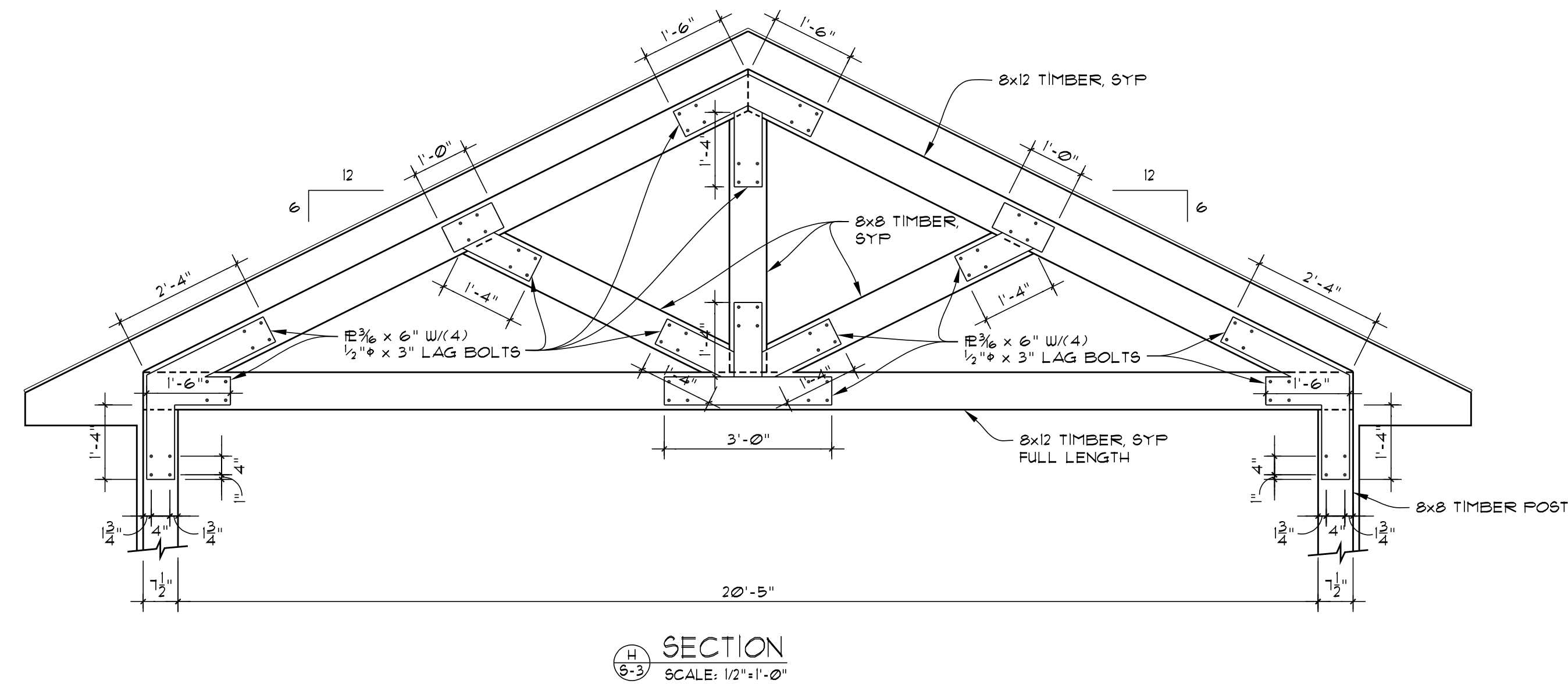
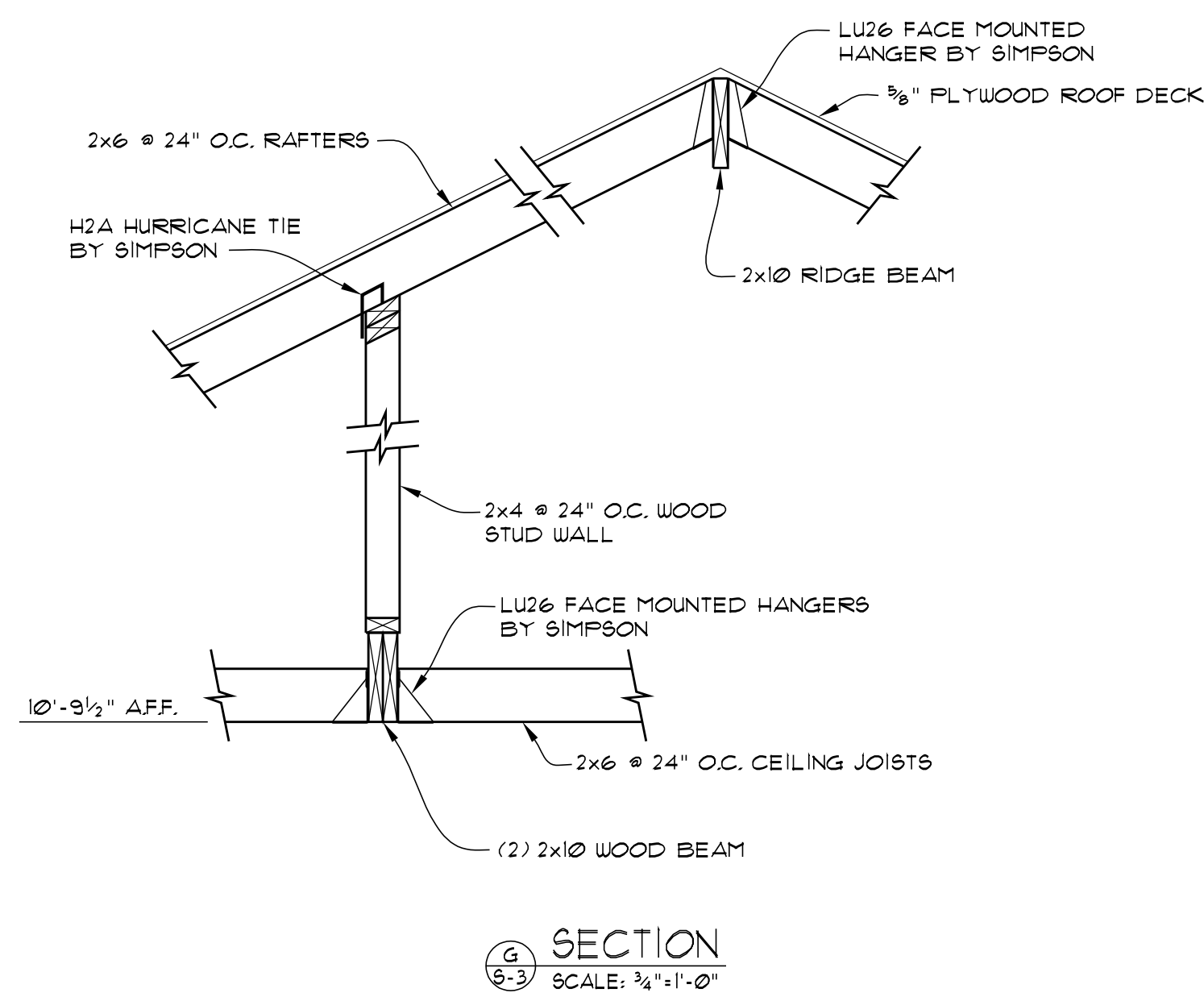
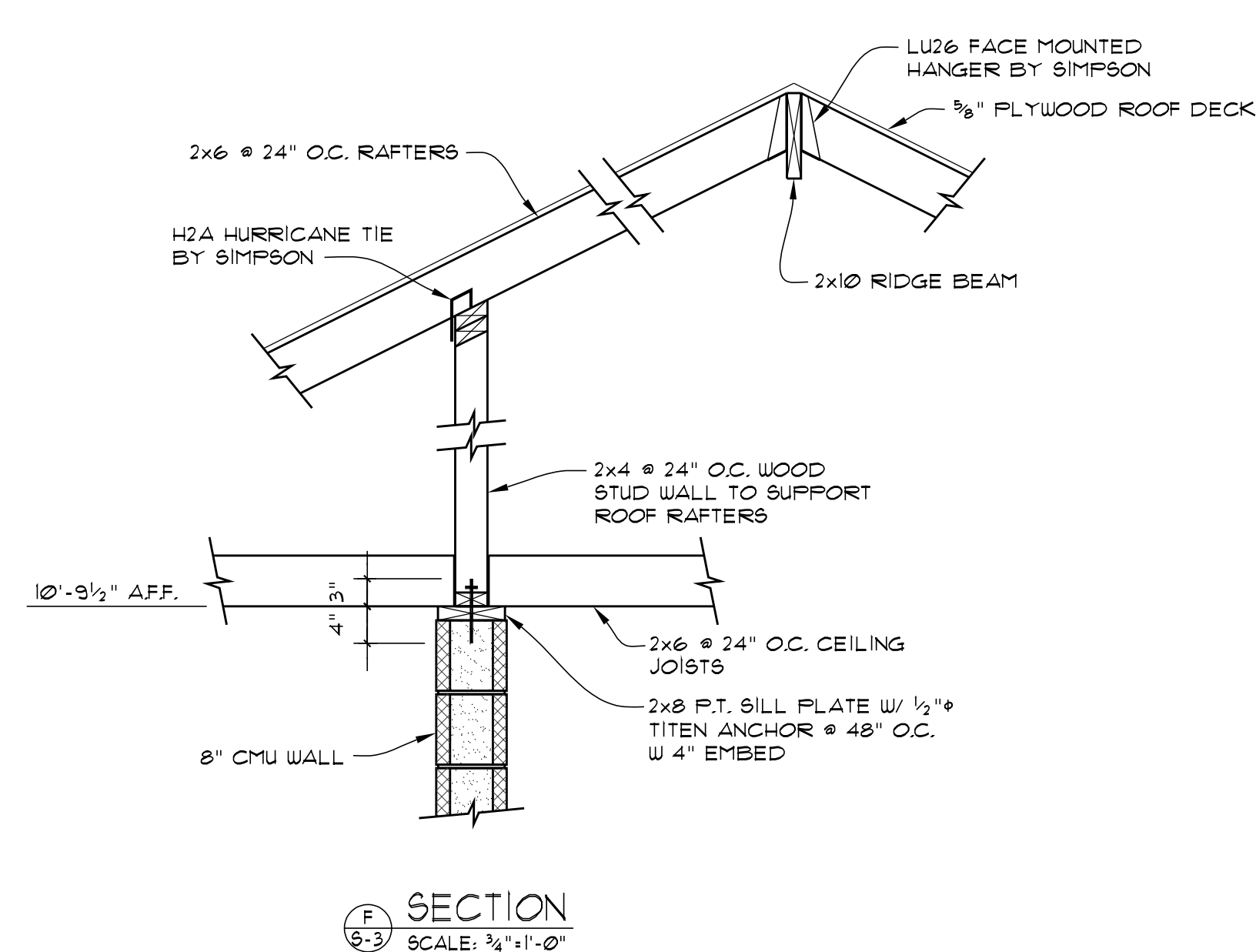
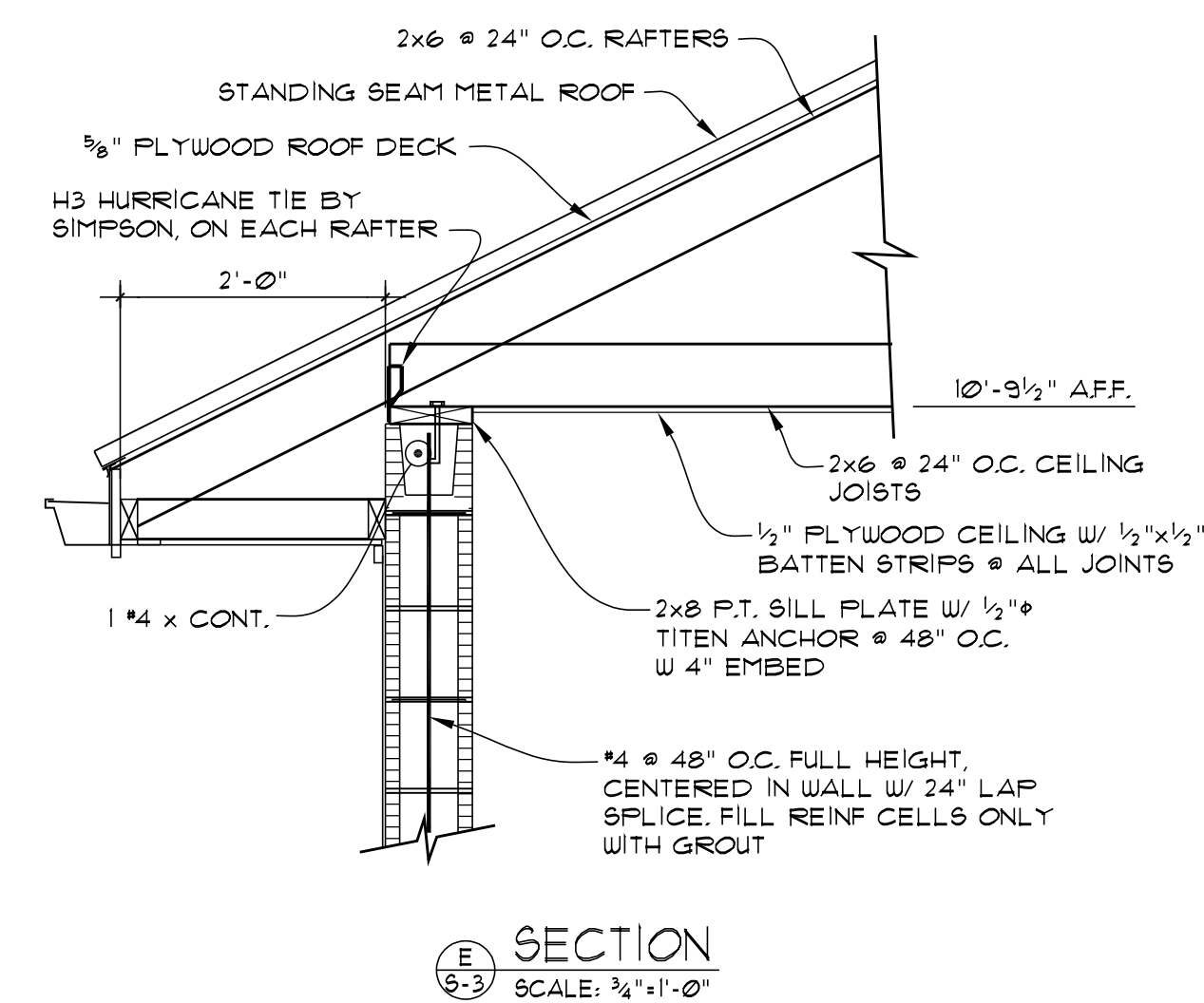
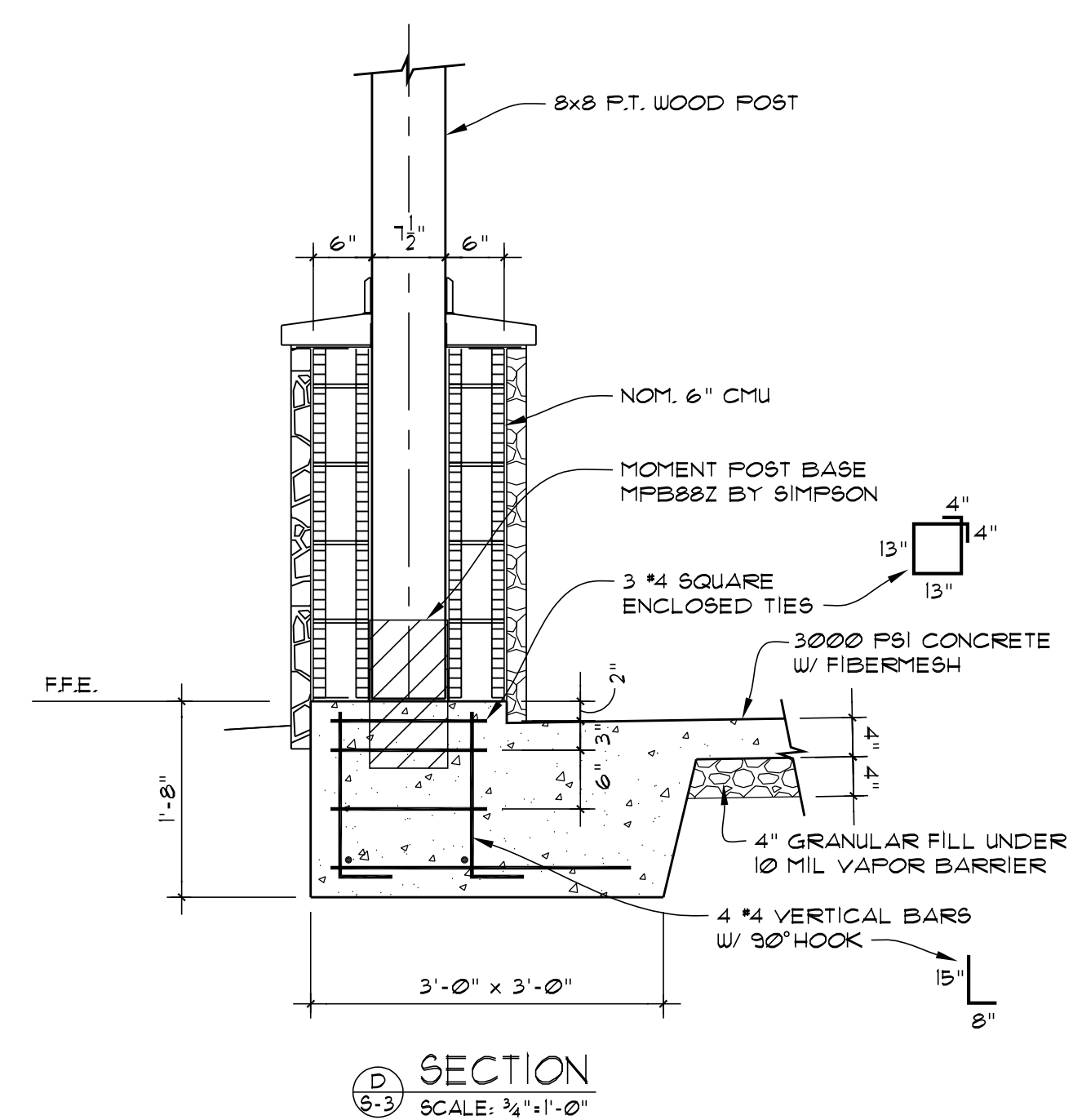
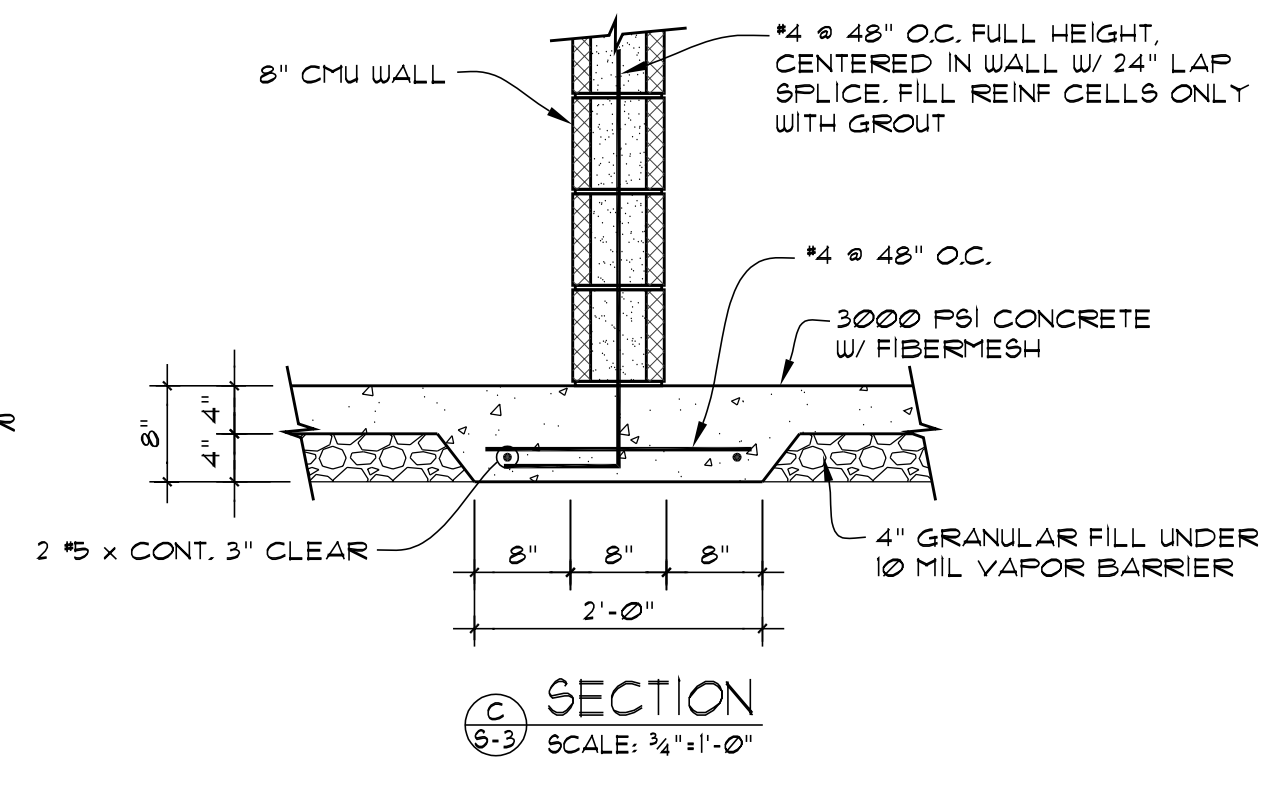
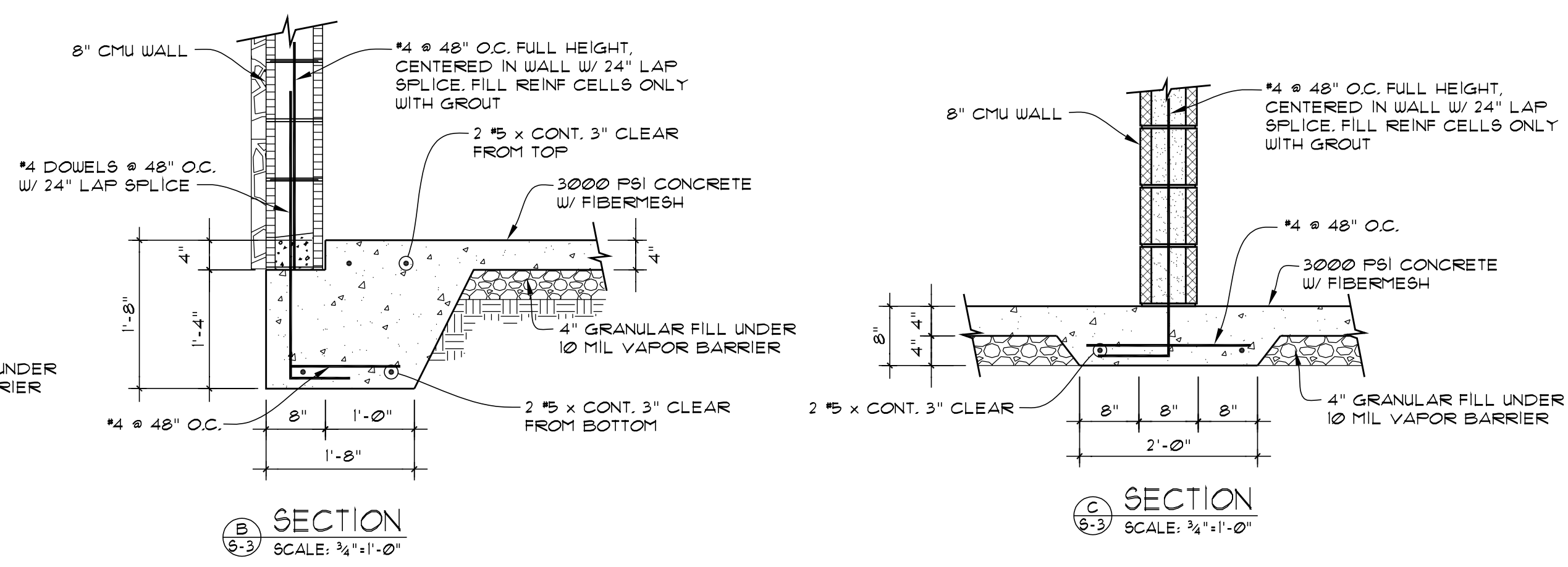
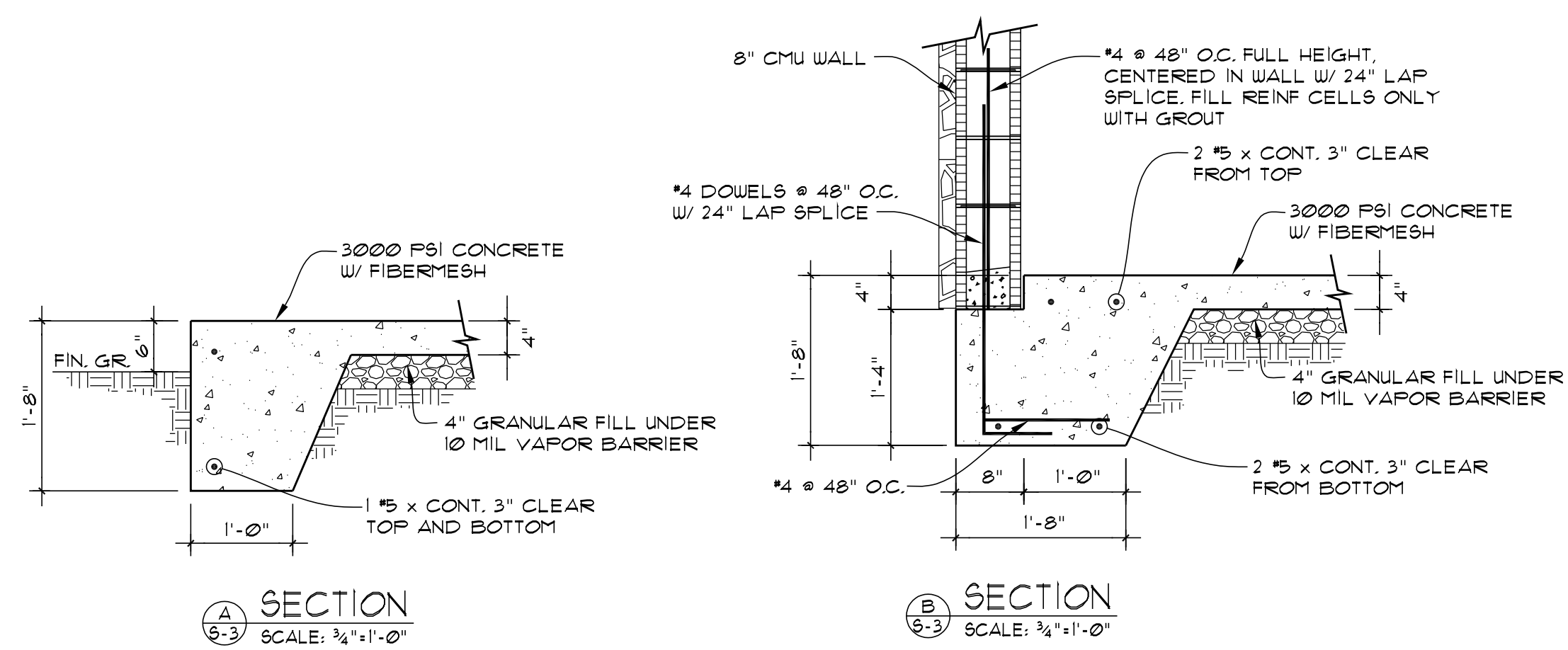
5-21-2025



<div style="text-align: center;"> <h1>S-2</h1> </div>	ISSUED FOR:
	REVISION
	DATE
	25-107
	PROJECT NO.
TOTAL 3 SHEETS	

CENTRAL PARK RESTROOMS
NEW CONSTRUCTION
COVINGTON
DAVID L. WOODBURN, AIA, ARCHITECT
GEORGIA
1000 BENTLEY AVENUE
DUBLIN, GEORGIA 31008
(404) 472-1935

THESE DESIGN IDEAS, LAYOUT
ARRANGEMENTS AND DRAWINGS
ARE THE PROPERTY OF:
DAVID L. WOODBURN
ARCHITECT



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CENTRAL PARK RESTROOMS
NEW CONSTRUCTION
DAVID L. WOODBURN, AIA, ARCHITECT
COVINGTON
GEORGIA
0000 1234567890



5-21-202

KEi
Kornegay
Engineering
Inc.
Structural Consultant

363 Pierce Avenue
Suite 202
Macon, GA 31204
(478)745-6161 ph

Project No: 25-136

SHEET	S-3	ISSUED FOR:	
		REVISION	
		DATE	25-107
		PROJECT NO.	

PLUMBING SPECIFICATIONS

Provide all plumbing items indicated on the drawings, described herein or otherwise required for a complete and proper installation, including:
A. Plumbing fixtures, fittings and equipment.
B. Hot and cold water systems.
C. Drain waste and vent piping systems.
D. Indirect waste piping, including all valves, traps, piping and accessories for all equipment. Size per equipment requirements.

Comply with all applicable codes, standards and ordinances, including requirements of the Georgia State Minimum Standard Plumbing Code (2018 International Plumbing Code with all Georgia State Amendments), Georgia State Minimum Standard Energy Code (2015 International Energy Conservation Code with all Georgia State supplements and Amendments), and the DOJ 2010 ADA Standards for Accessible Design with Georgia Amendments of Rule 120-3-20.

The contractor should not attempt to precisely scale dimensions from these drawings to obtain construction dimensions and clearance. The contractor shall verify all actual dimensions and clearances. Although these plans are diagrammatic in nature, they shall be followed as closely as site conditions, new construction, and work by other trades shall permit. Deviations from these drawings, which are required to conform to the available space or to actual building construction, shall be made at no additional cost to the owner.

The submission of a bid or proposal will be construed as evidence that the contractor has familiarized himself with the plans and building site. Claims made subsequent to the proposal for materials and/or labor due to difficulties encountered will not be recognized unless these difficulties could not have been foreseen, even though proper examination had been made.

Fabrication or ordering of any material or equipment prior to verification of site conditions shall be done at the contractor's risk.

All equipment and material shall be new and of first quality. Equipment and material shall be the same or equal to the basis of design listed on these drawings.

Coordinate with all trades and verify all equipment rough-in items and locations with the equipment supplier or contractor. All re-work and corrections required due to lack of coordination shall be the contractor's responsibility, and done at no cost to the owner.

Submit shop drawings and material data submittals to the engineer for approval before installation. No substitutions shall be allowed without prior approval by the engineer. Product data for piping, insulation, valves, specialties and all fixtures and equipment scheduled and specified here. For each submittal for review, allow 15 days excluding delivery time to and from the Contractor.

All equipment and flue materials shall be U.L. listed.

Installation shall comply with manufacturer requirements including all clearances recommended for proper operation of service. All serviceable parts shall be readily accessible.

Below ground sanitary drain and vent piping shall be solid-wall ASTM D2665 schedule 40 PVC. Install underground, PVC plastic drainage piping according to ASTM D2321. Above ground sanitary drain and vent piping shall be cellular-core ASTM F891 schedule 40 PVC. Install aboveground PVC piping according to ASTM D 2665. All aboveground piping shall be adequately supported. Sanitary drain and vent piping shall have PVC Socket Fittings (ASTM D 2665, made to ASTM D 3311, drain, waste, and vent patterns and to fit Schedule 40 pipe). Slope pipe sizes 6" and under at 1/8 inch per foot continuously toward public sewer. Slope pipe sizes 8" and larger at 1/16 inch per foot continuously toward public sewer.

All above ground domestic water distribution piping shall be ASTM D 2846, SDR11, schedule 40 CPVC with socket fittings. All piping shall be adequately supported. Disinfect all domestic water piping after installation. All underground domestic water distribution piping 1" and smaller shall be ASTM D 876 & ASTM F 877 PEX with no fittings underground. All underground domestic water distribution piping 1-1/4" and larger shall be ASTM D 1785 schedule 40 PVC with ASTM D 2466 PVC socket fittings.

DOMESTIC WATER PIPING CLEANING

- A. Clean and disinfect potable domestic water piping as follows:
- Purge new piping and parts of existing piping that have been altered, extended, or repaired before using.
 - Use purging and disinfecting procedures prescribed by authorities having jurisdiction; if methods are not prescribed, use procedures described in either AWWA C651 or AWWA C652 or follow procedures described below:
 - Flush piping system with clean, potable water until dirty water does not appear at outlets.
 - Fill and isolate system according to either of the following:
 - Fill system or part thereof with water/chlorine solution with at least 50 ppm (50 mg/L) of chlorine. Isolate with valves and allow to stand for 24 hours.
 - Fill system or part thereof with water/chlorine solution with at least 200 ppm (200 mg/L) of chlorine. Isolate and allow to stand for three hours.
 - Flush system with clean, potable water until no chlorine is in water coming from system after the standing time.
 - Repeat procedures if biological examination shows contamination.
 - Submit water samples in sterile bottles to authorities having jurisdiction.
- B. Prepare and submit reports of purging and disinfecting activities. Include copies of water-sample approvals from authorities having jurisdiction.
- C. Clean interior of domestic water piping system. Remove dirt and debris as work progresses.

Domestic water piping shall be insulated with Owens Corning type ASI/SSL-II heavy density fiber glass with all service jacket. Insulation shall have a flame spread rating not to exceed 25 and a smoke density not to exceed 50 when tested in accordance with U.B.C. standard 42-1. Provide mastic on all joints and exposed ends of insulation. Insulate domestic Cold water piping in unconditioned spaces such as exterior corridors, attic, basements, etc with 1/2" thick insulation for piping 1-1/4" & smaller and 1" thick insulation for piping 1-1/2" & larger. Insulate all domestic Hot water supply and return piping with 1" thick insulation for piping 1-1/4" & smaller and 1-1/2" thick insulation for piping 1-1/2" & larger.

HW & CW Valves: Use pipe size valves, as shown below:

- A. Ball: Watts LFFBV-3C.
B. Check: Watts #600 or #601S.

Fixture tailpieces, wall escutcheon, and traps for lavatories and sinks shall be brass tubing, semi-cast, or cast iron: All brass tubing shall be 17 gage, chrome plated. Grid drains for public lavatories.

Water Hammer Arresters shall comply with standard ASSE 1010, metal bellows type or copper piston type.

Urinal Supports shall be type I, urinal carrier with fixture support plates and coupling with seal and fixture bolts and hardware matching fixture for wall-mounting, urinal-type fixture. Include steel uprights with feet. For accessible-fixture support include rectangular steel uprights. Lavatory Supports shall be type II, lavatory carrier with concealed arms and tie rod for wall-mounting, lavatory-type fixture. Include steel uprights with feet. For accessible-fixture support include rectangular steel uprights.

Lavatory/ Sink supply fittings: NSF Standard: Comply with NSF/ANSI 61 Annex G, "Drinking Water System Components – Health Effects," for supply-fitting materials that will be in contact with potable water. Standard: ASME A112.18.1/CSA B125.1. Supply Stops: Chrome-plated-brass, one-quarter-turn, ball-type valve with inlet connection matching supply piping. Wheel handle operation. Risers: Chrome-plated, soft-copper flexible tube for exposed applications and ASME A112.18.6, braided- or corrugated-stainless-steel, flexible hose for conceal behind cabinet applications.

Provide ADA Supply and Drain Protective Shielding Guards on ADA fixtures that piping is exposed. Supply and Drain Protective Shielding Guards shall comply with ICC A117.1 and Americans with Disabilities Act (ADA) requirements. Manufactured plastic wraps shall cover hot and cold water supplies, trap, and drain piping.

All pipe hangers, clamps and channels shall be adequately sized to carry pipe loads and prevent sagging.

All other materials not specifically described but required for a complete and proper installation of work of this section, shall be new, first quality of their respective kinds, and as selected by the contractor subject to acceptance by the engineer.

Lay out the plumbing system in careful coordination with the drawings, determining proper elevations for all components of the system and using only the minimum number of bends to produce a satisfactory functioning system. Follow the general layout shown on the drawings in all cases except where other work may interfere. Unless shown otherwise, lay out all pipes to fall within partition, wall floor, or roof cavities, and to not require furring other than as shown on the drawings.

Do not cut into or reduce the size of any load-carrying member without the prior approval of the architect. Install all pipes to clear all beams and obstructions.

Permanently close and make weatherproof any openings or penetrations of the building envelope made for plumbing systems. All wall and floor penetrations shall be sleeved. All exterior wall or foundation wall penetrations shall use a mechanical seal.

Coordinate all roof penetrations with architectural plans and building and roofing trades.

Provide shut-off balls valves and unions at all water connections to equipment and appliances.

Isolate all dissimilar metals with "EPCO" dielectric unions, except for brass or bronze valves with steel pipe.

Protect the potable water supply against backflow and siphonage from equipment, fixtures, etc., using approved backflow and anti-siphon devices.

Thoroughly clean all piping and equipment. Removing all dirt, rust, oil, and plaster.

Test Sanitary and storm drainage piping by plugging all openings and filling with water to a height equal to a 10 foot head. Allow to stand one hour or longer as required. Repair leaking joints and then re-test.

No work shall be covered until it has been inspected and accepted by the local authority.

Domestic water piping tests: Fill domestic water piping. Check components to determine that they are not air bound and that piping is full of water. Test for leaks and defects in new piping and parts of existing piping that have been altered, extended, or repaired. Leave new, altered, extended, or replaced domestic water piping uncovered and unconcealed until it has been tested and approved. Expose work that was covered or concealed before it was tested. Cap and subject piping to static water pressure of 50 psig (345 kPa) above operating pressure, without exceeding pressure rating of piping system materials. Isolate test source and allow it to stand for four hours. Leaks and loss in test pressure constitute defects that must be repaired. Repair leaks and defects with new materials, and retest piping or portion thereof until satisfactory results are obtained.

The entire system shall be warranted for a period of one (1) year beginning with Owner's acceptance of the work. All labor and materials necessary to repair or replace the system, or portions thereof, during that time shall be warranted for a period of one (1) year from the repair or replacement.

Install piping in concealed locations, unless otherwise indicated and except in equipment rooms, and service areas. Install piping indicated to be exposed and piping in equipment rooms and service areas at right angles or parallel to building walls. Diagonal runs are prohibited unless specifically indicated otherwise. Install piping above accessible ceilings to allow sufficient space for ceiling panel removal. Install piping to permit valve servicing. Install piping at indicated slopes. Install piping free of sags and bends. Install fittings for changes in direction and branch connections. Install piping to allow application of insulation. Select system components with pressure rating equal to or greater than system operating pressure. Install escutcheons for penetrations of walls, ceilings, and floors. Verify final equipment locations for roughing-in.

Confirm that millwork is constructed with adequate provision for the installation of counter top lavatories and sinks.

Seal fixtures to wall and floor surfaces with sealant, color to match fixture.

All vents thru roof (VTR) shall be offset a minimum of 10"-0" from all outside air intakes.

Provide Plastic Pipe Markers on all aboveground plumbing piping that Comply with ASME A13.1. Minimum information indicating flow direction arrow and identification of fluid being conveyed. Install labeling on pipe at intervals of not more than 20 feet and at least once in each room.

Provide a complete through penetration fire stopping assembly for fire resistance rated wall assemblies. The through penetration assembly must be listed by an approved third-party test agency (UL), and include the entire listed assembly with all notations. Refer to architectural drawings for fire wall locations.

Provide a backflow preventer at the water riser if backflow preventer is not shown on civil drawings.

Supply-Type, Trap-Seal Primer Device: Standard: ASSE 101B. A. Install supply-type, trap-seal primer valves with outlet piping pitched down toward drain trap a minimum of 1 percent, and connect to floor-drain body, trap, or inlet fitting. Adjust valve for proper flow.

Water closet carrier shall be ASME A112.6.1M waste-fitting assembly, as required to match drainage piping material and arrangement with faceplates, couplings gaskets, and feet; bolts and hardware matching fixture. Include additional extension coupling, faceplate, and feet for installation in wide pipe space if required.

Approved manufactures: (Items submitted shall be approved by architect and engineer. Architect and engineer reserve the right to reject any item substituted for basis of design item for any reason.)

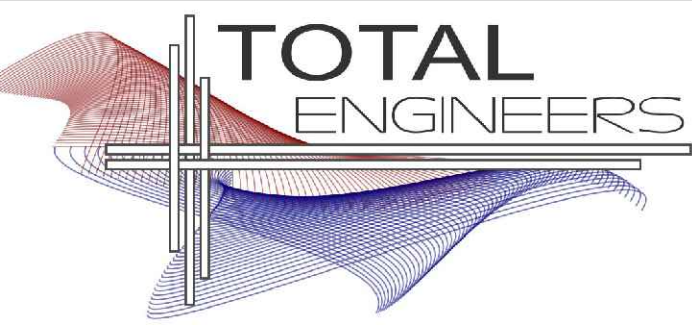
Security Plumbing Fixtures: Acorn, Willoughby, Murdock
Faucets: Delta, T&S Brass, American Standard, Chicago Faucets, Zurn, Kohler, Moen, Speakman, Symmons
Supplies & Traps: Engineered Brass CO., McGuire, Charlotte Pipe, Brasscraft, IPS, Watts, Zurn
Flush Valves: Sloan, Delany, Zurn, American Standard
Floor Drains & Cleanouts: Zurn, Jay R Smith, Proset, Watts, Mifab, Wade, Josam, Sioux Chief, Oatey
Tankless Electric Water Heaters: A.O. Smith, Rheem, EEmax, Chronomite
Toilet Seats: Bemis, Centoco, Church Seats, Olsonite, Beneke, Zurn, Mainline
ADA Protective Shielding Pipe Covers: Engineered Brass, McGuire, Plumberex, TRUEBRO, Zurn, Oatey
Fixture Supports: MIFAB, Jay R. Smith, Wade, Watts, Zurn
Wall Hydrants/ Hose Bibbs: MIFAB, Jay R. Smith, Wade, Watts, Woodford, Zurn
Water Hammer Arresters: AMTROL, Josam, MIFAB, PPP, Sioux Chief, Jay R. Smith, Wade, Watts, Zurn
Brass Valves: American, Crane, Watts, Apollo
Drinking fountains: Murdock, Haws, Stern Williams

FIXTURE AND EQUIPMENT SCHEDULE									
#	FIXTURE TYPE	WASTE		WATER SUPPLY		WATER FIX. CONN.		MANUFACTURE AND NOTES	
		BELOW FLOOR	FIXTURE CONN.	COLD	HOT	COLD	HOT		
WC	ADA STAINLESS STEEL WALL-HUNG REAR SPUD WATER CLOSET 1.28 GPF	3"	3"	1"	<div></div>	1"	<div></div>	ACORN 1675-W-ADA-1.28 GPF-FVBO-PFS-SW WATER CLOSET. ZURN Z6143AV-1.28 FLUSH VALVE. BEMIS 1955SSCT SEAT COLOR BLACK.	
LAV	ADA STAINLESS STEEL WALL-HUNG LAVATORY 0.5 GPM W/ METERING FAUCET	2"	1-1/4"	1/2"	1/2"	1/2"	1/2"	ACORN 1652LRB-H24-SW LAVATORY. SYMMONS SLC-6000 FAUCET. .	
PF	PET FOUNTAIN	2"	1-1/4"	1/2"	1/2"	1/2"	1/2"	HAWS 9004-MWL. REFER TO ARCHITECT FOR COLOR.	
DF	ADA BI-LEVEL DRINKING FOUNTAIN WITH BOTTLE FILLER	2"	1-1/4"	1/2"	1/2"	1/2"	1/2"	HAWS 7320. REFER TO ARCHITECT FOR COLOR.	
MOP	MOP SINK	3"	3"	1/2"	1/2"	1/2"	1/2"	FIAT MSB2424, 830AA FAUCET, 832AA HOSE/BRACKET, 889CC HANGER, MSG2424 PANELS.	
HB	HOSE BIBB	<div></div>	<div></div>	3/4"	<div></div>	3/4"	<div></div>	WOODFORD 26 WITH OPTIONAL METAL HANDLE.	
FD	FLOOR DRAIN WITH TRAP PRIMER	2"	2"	<div></div>	<div></div>	<div></div>	<div></div>	WATTS FD-190-PR-60-7 FLOOR DRAIN.	
GCO	GRADE CLEANOUT	SEE DWG.	SEE DWG.	<div></div>	<div></div>	<div></div>	<div></div>	WATTS CO-200-RX-4-60.	
SWVT	SIDE WALL VENT TERMINAL	3"	3"	<div></div>	<div></div>	<div></div>	<div></div>	WATTS WS-8034.	
PRV	PRESSURE REDUCING VALVE (ASSE 1003)	<div></div>	<div></div>	SEE DWG.	<div></div>	SEE DWG.	<div></div>	WATTS LF25AUB-Z3.	

WATER HEATER & TANK SCHEDULE						
MARK	MANUFACTURER	MODEL NUMBER	TYPE	KW	*ELECTRICAL	
					VOLTS	PHASE
WH	A.O. SMITH	UPVA-110E	ELECTRIC TANKLESS	11	240	1

CONTRACTOR SHALL CONSULT THE ELECTRICAL DOCUMENTS FOR VOLTAGE AND PHASE.

LEGEND							
<div></div>	SHUTOFF VALVE	<div></div>	COLD WATER	(TYP)	TYPICAL	VTR	VENT THRU ROOF
<div></div>	CHECK VALVE	<div></div>	HOT WATER	C.T.	COUNTER-TOP	AFF	ABOVE FINISHED FLOOR
<div></div>	PIPE UP	<div></div>	HOT WATER RETURN	DN	DOWN	CW	COLD WATER
<div></div>	PIPE DOWN	<div></div>	SEWER VENT	CONN.	CONNECTION	HW	HOT WATER
<div></div>	PDI UNIT WATER HAMMER ARRESTOR	<div></div>	SEWER	NTS	NOT TO SCALE	B.F.F.	BELOW FINISH FLOOR
<div></div>	DWGS.	<div></div>	FIRE SPRINKLER	VT	VENT	FLR	FLR
		<div></div>	GAS			FFE	FINISHED FLOOR ELEVATION



169 New Street, Macon, GA 31201
(478)741-4632
www.totalengineers.com

REGISTRATION SEAL

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NEW RESTROOM BUILDING

CENTRAL PARK

3134 PONDEROSA DR SW, COVINGTON, GA 30014



10641 Highway 36, Covington, GA 30014
(770)786-3031
www.sunbeltbuilders.com

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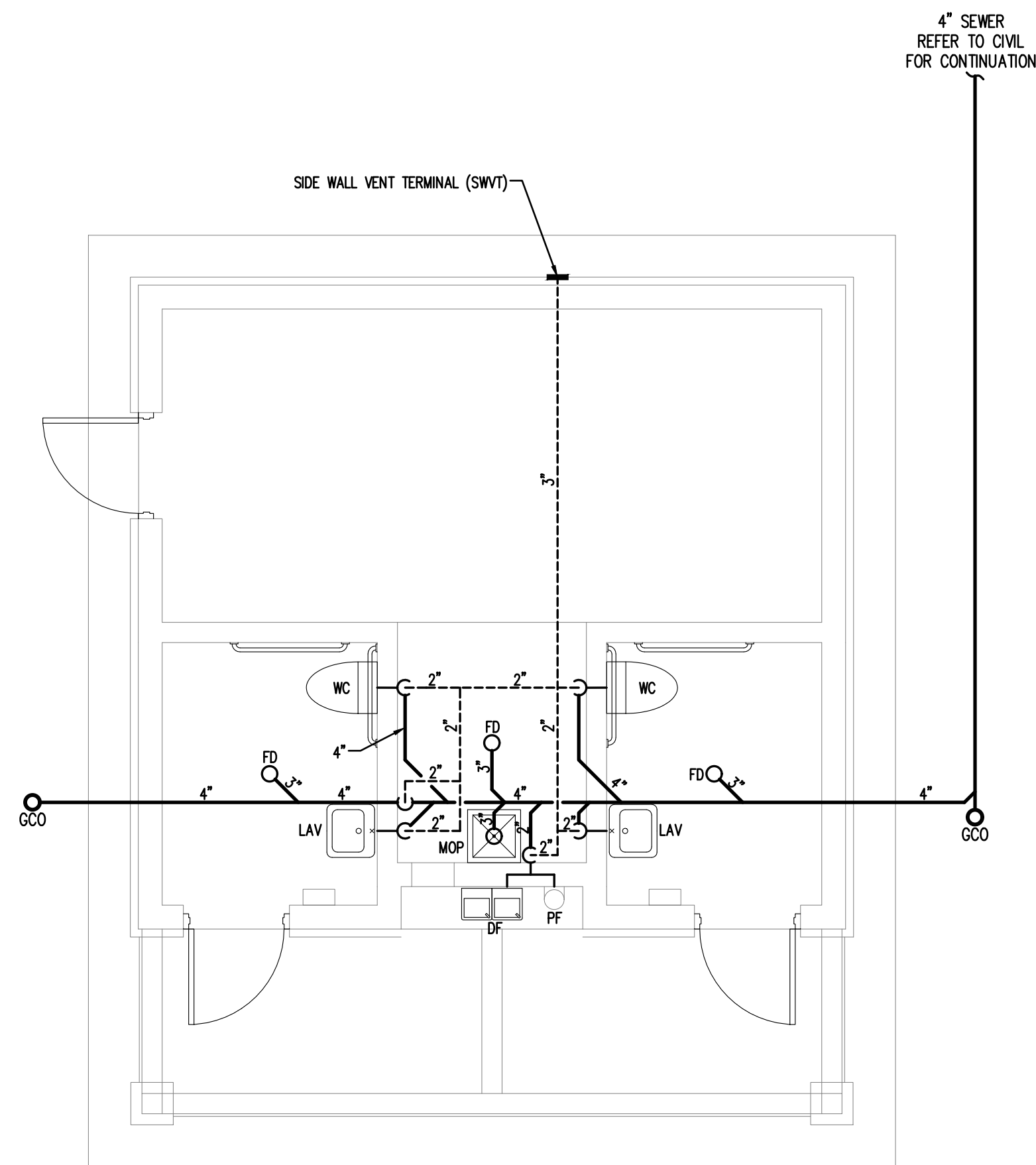
DATE: 04-30-25	PROJECT NUMBER: 25-039
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DRAWN BY: JWK	CHECK BY: KMP
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SHEET TITLE:
PLUMBING SPECIFICATIONS

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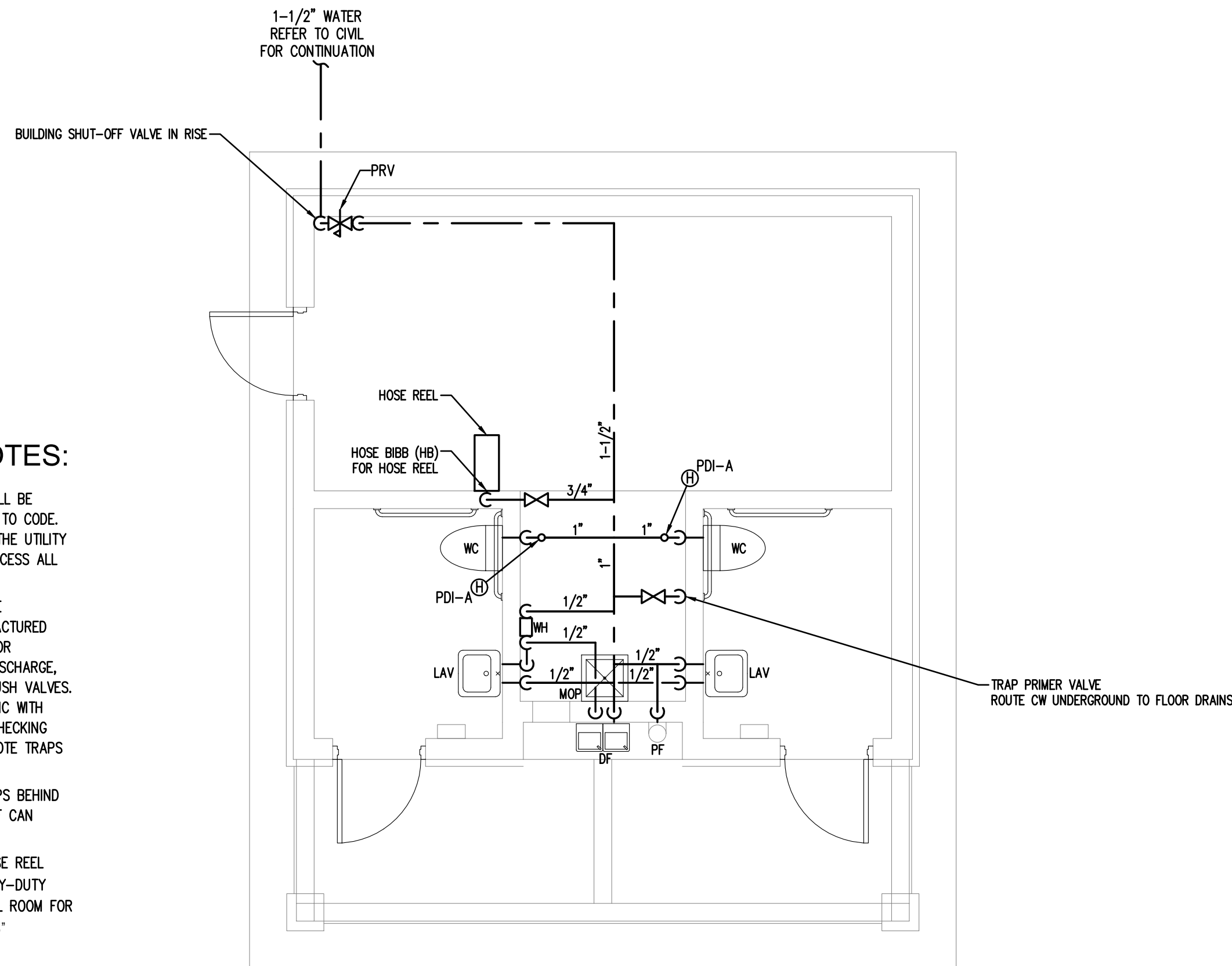
ALPHA BLDG SET 09-03-2025



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

GENERAL PLUMBING NOTES:

1. ALL SURFACE MOUNTED UTILITY CHASE PIPING SHALL BE MOUNTED ON UNI-STRUT WITH PLASTIC ISOLATORS TO CODE. SINK DRAIN TRAPS SHALL BE CONCEALED BEHIND THE UTILITY CHASE WALLS WHERE MAINTENANCE STAFF CAN ACCESS ALL PLUMBING.
4. PLUMBING FIXTURES: PLUMBING FIXTURES SHALL BE 14-GAUGE, 316 STAINLESS STEEL CUSTOM-MANUFACTURED FOR PUBLIC RESTROOM BY ACORN, WILLOUGHBY, OR MURDOCK. TOILETS SHALL BE WALL HUNG, REAR DISCHARGE, WITH CONCEALED, ADA-COMPLIANT WITH LEVER FLUSH VALVES. TOILET SEATS SHALL BE BLACK SOLID CORE PLASTIC WITH CONTINUOUS STAINLESS STEEL CONCEALED SELF-CHECKING HINGES. LAVATORIES SHALL HAVE CONCEALED REMOTE TRAPS BEHIND THE MECHANICAL WALL.
5. LAVATORIES SHALL HAVE CONCEALED REMOTE TRAPS BEHIND THE MECHANICAL WALL WHERE MAINTENANCE STAFF CAN ACCESS ALL PLUMBING.
6. HOSE REEL: PROVIDE ONE COMMERCIAL GRADE HOSE REEL WITH CAPACITY FOR 75' X 5/8" COMMERCIAL HEAVY-DUTY HOSE AND NOZZLE SHALL BE HUNG IN MECHANICAL ROOM FOR CLEANING OF RESTROOMS. PROVIDE ONE 75' X 5/8" COMMERCIAL HOSE SHALL BE FURNISHED.



2 PLUMBING PLAN - WATER
SCALE: 1/4"=1'-0"

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CONSTRUCTION

NEW RESTROOM BUILDING

CENTRAL PARK

3134 PONDEROSA DR SW, COVINGTON, GA 30014



10641 Highway 36, Covington, GA 30014
(770)786-3031
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MARK	DATE	DESCRIPTION

DATE: 04-30-25	PROJECT NUMBER: 25-039
DRAWN BY: JWK	CHECK BY: KMP

SHEET TITLE:
PLUMBING PLANS

MECHANICAL SPECIFICATIONS

- 1) Provide all heating, ventilation and air conditioning items indicated on the drawings, described in this specification, or required for a complete and proper installation.
- 2) Comply with all pertinent codes, ordinances, and regulations. Refer to website for Dept. of Community Affairs for current Codes Editions.
- 3) The contractor shall not attempt to precisely scale dimensions from these drawings to obtain construction dimensions and clearances. The contractor shall verify all actual dimensions and clearances. Although these plans are diagrammatic in nature, they shall be followed as closely as site conditions, new construction, and work by other trades shall permit. Deviations from these drawings, which are required to conform to the available space or the actual building construction, shall be made at no additional cost to the owner.
- 4) Furnish without extra charge, any additional material and labor required to comply with the above codes and standards, even though the work may not be described in the contract documents. Where the requirements of the contract documents exceed the requirements of the above codes and standards, the contract documents shall take precedence.
- 5) All equipment and material shall be new and of first quality. Equipment and material shall be the same or equal to the basis of design listed on these drawings and shall be UL listed.
- 6) Cooperate and coordinate with other trades in order that all systems in the work may be installed in the best arrangement.
- 7) Examine the areas and conditions under which work of this section will be installed. Correct conditions detrimental to the proper and timely completion of the work. Notify Architect of any discrepancies. Do not proceed until unsatisfactory conditions have been corrected.
- 8) Avoid interference with structure, and with work of other trades. Install all equipment per manufacturer's instructions. Install accessible parts, including equipment, coils, valves, dampers, controls, and filters with adequate clearance for inspection, adjustments, repair, and replacement.
- 9) All other materials not specifically described but required for a complete and proper installation shall be as selected by the contractor subject to acceptance by the Engineer.
- 10) All ductwork shall be fabricated from galvanized sheet metal duct and conform to SMACNA "HVAC Duct Construction Standards--Metal and Flexible. Seal all joints in ductwork with mastic sealant.
- 11) Provide fire and smoke rated flexible connections between fans and ducts. Material shall comply with NFPA 90A requirements for material in supply air stream.
- 12) Install all equipment in accordance with manufacturer's instructions and recommendations including clearances recommended for proper operation or service. All filters and serviceable parts shall be readily accessible.
- 13) Make all duct elbows right angle type with single -thickness turning vanes or construct with centerline radius 1--1/2 times the duct width.
- 14) Duct sizes shown on plans are clear, interior dimensions. Duct sizes shown shall be enlarge to allow for liner at locations of interior liner.
- 15) Do not cut into or reduce the size of any structural member without the permission of the Architect.
- 16) Provide weather--proof flashing at all duct and pipe penetrations through the building walls and roof. As a minimum, flashings shall be designed and installed in accordance with SMACNA standards. Flashings shall be guaranteed weatherproof.
- 17) Support all HVAC units, ductwork, piping, and other appurtenances from structure, provide vibration isolation at all fans which are not internally isolated. Provide hanger rod with built in rubber--in--shear isolator. Between drain pan and unit provide 4 each rubber--in--shear isolator. Do not attach vibration isolator to drain pan. Do not screw or drive fasteners into non--structural components such as roof decks or non--load bearing walls.
- 18) Thoroughly clean all components and remove all dirt, scale, oil, and other foreign substances. Provide clean air filters for all equipment.
- 19) Perform all tests necessary to demonstrate the integrity of the complete installation to the approval of the Engineer and all other authorities having jurisdiction. Make all adjustments necessary and balance the completed system in accordance with the data shown. Balance the systems in accordance with NEBB or AABC standards. Acceptable tolerances shall be minus ten percent to plus five percent of all measurements. Balancing shall be done by an independent licensed (by NEBB or AABC) TAB contractor. Make the following tests and submit reports to the Architect:

a) Airflow rate at each exhaust outlet.

b) Total airflow rate and total static pressure for each supply and exhaust fan. Test exhaust fans with room doors closed.

c) Motor speed, for multiple speed fans (e.g. high, medium, low).

d) For direct drive fans, provide speed settings and actual rpm, including ECM motor driven fans

e) Provide fan and motor rpm for belt driven fans. Provide sheave sizes.

f) Outside airflow rate to each HVAC unit and supply fan.

g) Motor current (and compare with nameplate data) at all motors.

h) Entering and leaving air dry--bulb and wet--bulb conditions at all cooling coils.

i) Heat output capacity for unit heaters, heating devices and coils (kW or MBH).

j) Manufacturer, model, and serial number for each piece of HVAC equipment scheduled on drawings.

k) Calibrate thermostats to be within one degree of actual temperature at thermostat.

l) Verify that all HVAC devices operate as scheduled or indicated (i.e. ON--OFF, 2--stage, variable output (SCR heaters), etc).
- 20) The entire system shall be warranted for a period of one (1) year beginning with Owner's acceptance of the work. Compressors shall include a minimum of five (5) year parts only warranty from the manufacturer. All labor and materials necessary to repair or replace the system or portions thereof, during that time shall be warranted for a period of one (1) year from the repair or replacement.
- 21) SUBMITTALS AND SUBMITTAL PROCEDURES:

a. Contractor shall review the submittal data and check for the purpose of compliance with safety requirements, verification of dimensions, contract documents and methods and means prior to submitting to design professional. Contractor shall indicate approval by indicating such on the submittal.

b. Transmit each submittal electronically in PDF format.

c. Sequentially number submittal files and transmittal form. Revise submittals with original number and a sequential alphabetic suffix. File names shall describe item included in file.

d. Identify Project, the Contractor, Subcontractor, or supplier; pertinent drawing and detail number, and specification section number, as appropriate on each copy. Each file shall include an index of items included in file.

e. Apply the Contractor's stamp, signed or initialed certifying that review, approval, verification of Products required, field dimensions, adjpcent construction Work, and coordination of information is in accordance with the requirements of the Work and Contract Documents.

f. Submittal data for all items in project shall be submitted at one time. Submittal shall be divided into groups with file sizes not exceeding 6 MB. If there is unavailable data such as control submittal, etc., these may be submitted later if not doing so would delay project progress. Data shall include capacities, complete installation instructions, dimensional data and electrical data, BHP, motor HP, operating weights, and load distribution at mounting points.

g. Deliver submittals electronically to the Design Professional.

h. Schedule submittals to expedite the Project, and coordinate submission of related items.

i. For each submittal for review, allow 15 days excluding delivery time to and from the Contractor.

j. Identify variations from Contract Documents and Product or system limitations that may be detrimental to successful performance of the completed Work.

k. Provide space for the Contractor and the Architect/ review stamps.

l. When revised for resubmission, identify all changes made since previous submission.

m. Distribute copies of reviewed submittals as appropriate. Instruct parties to promptly report any inability to comply with requirements.

n. Submittals not requested will not be recognized or processed.

o. Provide files containing only related items (such as piping, equipment, air distribution, etc.)
- 22) Instruct Owner's representative in the operation of the systems, using the operation and maintenance manual as a teaching aid.
- 23) Provide an operation and maintenance manual. As a minimum, the manual shall contain:

a. A complete list of all equipment and appurtenances with equipment designations (per Drawings), manufacturers, and catalog numbers.

b. Copies of manufacturers' brochures and instructions for operation and maintenance of all mechanical equipment, including replacement parts lists.

c. Typed system operation and maintenance instructions, including inspection, lubrication, and service instructions and schedules.

d. List of names, addresses and phone numbers of distributors of all equipment and appurtenances.

e. Manufacturers' warranties.

- 24) Basic motor requirements: basic requirements apply to mechanical equipment motors, unless otherwise indicated. Motors 1/2 hp and larger: Polyphase, unless otherwise scheduled. Motors smaller than 1/2 hp: single phase. Frequency rating: 60 Hz. Service factor: according to NEMA MG 1, general purpose continuous duty, design type "B." Enclosure: open drip--proof, unless otherwise indicated. Efficiency: motors shall have a higher efficiency rating than industry standard average motor as delineated in IEEE Standard 112, test method 13. Thermal protection: where indicated or required, internal protection automatically opens power supply circuit to motor when winding temperature exceeds a safe value calibrated to temperature rating of motor insulation. Thermal protection device automatically resets when motor temperature returns to normal range, unless otherwise indicated.
- 25) Hangers and supports: Building attachments: concrete inserts or structural--steel fasteners appropriate for building materials, and beam clamps. Hanger materials: galvanized, sheet steel or round, threaded steel rod. Hangers installed in corrosive atmospheres: electrogalvanized, all--thread rod or galvanized rods with threads painted after installation. Straps and rod sizes: comply with SMACNA's "HVAC Duct Construction Standards--Metal and Flexible" for sheet steel width and thickness and for steel rod diameters. Duct attachments: sheet metal screws, blind rivets, or self--tapping metal screws; compatible with duct materials. Trapeze and riser support galvanized steel shapes and plates: steel shapes complying with ASTM A 36/A 36M.
- 26) Sealant materials: joint and seam sealants, general: the term "sealant" is not limited to materials of adhesive or mastic nature but includes tapes and combinations of open--weave fabric strips and mastics. Joint and seam tape: 2 inches wide; glass--fiber fabric reinforced. Joint and seam sealant: one--part, nonsag, solvent--release--curing, polymerized butyl sealant, formulated with a minimum of 75 percent solids. Flanged joint mastics: one--part, acid--curing, silicone, elastomeric joint sealants, complying with ASTM C 920, type S, grade NS, class 25, use 0.
- 27) All HVAC equipment such as AH, CU, EF, AC, HP, and RTU shall have visible nameplates with their associated marks on them.
- 28) Cabinet Exhaust Fan: Centrifugal Fan Unit: Direct driven with galvanized steel housing, resilient mounted motor, gravity backdraft damper in discharge. Disconnect Switch: Cord and plug in housing for thermal overload protected motor and wall mounted switch. Bottom of fan cabinet shall be removable for service to unit. Refer to Schedule on Drawings for additional specifications.
- 29) Electric Wall Mount Heater: Heater shall be UL listed and labelled with terminal box and cover, and built--in controls. Heater shall be made in three pieces consisting of back enclosure, heater assembly and front panel. Front panel shall be attached with concealed fasteners. Heating Elements: Nickel--chromium heating element wire shall be encased in a steel or copper sheath. Aluminum fins shall be pressure bonded to the sheath. Enclosure: Enclosure shall be minimum 20--gauge painted steel for surface mounting. Front Panel: Bar grille type with down deflection toward floor. Finish shall be paint on steel bars. Grille shall be surrounded by decorative satin finished aluminum accent frame. Unit shall be fan forced type including fan motor, fan, and controls with thermostat adjustment accessible through front grille. Unit shall also include thermal safety cutouts in the event of over temperature conditions. Refer to Schedule on Drawings for additional specifications.
- 30) Acceptable Manufacturers are:

Fans:

Twin--City, Cook, Greenheck, Penn Barry, Acme, American Cool Air, Captive Air, Solar & Palau

Electric Heaters:

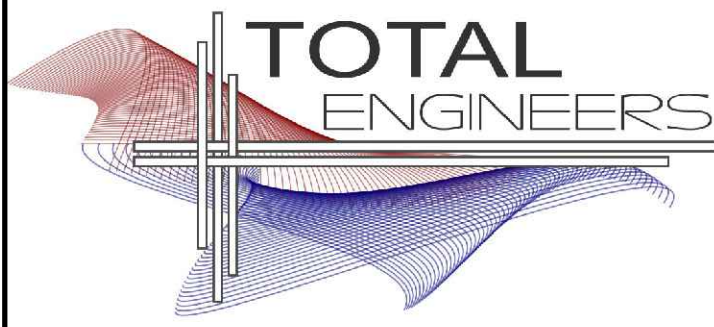
Markel, Q--Mark, Roy wall, Indica, Chromalox

ELECTRIC CABINET HEATER SCHEDULE				
MARK	HEATER KW	VOLTS/PH	BASIS OF DESIGN	NOTES
EWH--1	1.5	120/1	BROAN 174	1:2:3
EWH--2	1.5	120/1	BROAN 174	1:2:3
EWH--3	1.5	120/1	BROAN 174	1:2:3
1. MOUNT HEATER AT 7"--6" AFF. 2. RECESSED MOUNT. 3. VERIFY ELECTRIC POWER REQUIREMENTS WITH ELECTRICAL PLANS, WHICH TAKE PRECEDENCE OVER THIS INFORMATION.				

FAN SCHEDULE									
MARK	CFM	EXT. SP IN W.G.	DRIVE TYPE	MOTOR HP/W	MAX FAN (RPM)	MAX TIP SPEED FPM	POWER/ PHASE	LAY--OUT BASIS: GREENHECK	NOTES
EF--1	300	0.3	DIRECT	55 W	1198	----	115/1	SP--B150	1:2:3
1. VERIFY ELECTRIC POWER REQUIREMENTS WITH ELECTRICAL PLANS, WHICH TAKE PRECEDENCE OVER THIS INFORMATION. 2. FAN SHALL 24/7 365 DAY TIME CLOCK PROVIDED BY ELECTIRCAL									

AIR DEVICE SCHEDULE									
MARK	SERVICE	NECK SIZE	FACE SIZE	MATERIAL	TYPE	PATTERN	MOUNTING TYPE	LAYOUT BASIS TITUS	NOTES
E1	EXHAUST	SEE PLANS	12" x 12"	ALUMINUM	EGGCRATE	---	LAY--IN	50F	1:2:3
1. PROVIDE STANDARD WHITE FINISH. 2. PROVIDE FULL SIZE SHEET METAL PLENUM ON TOP OF GRILL FRO DUCT CONNECTION.									

MECHANICAL SYMBOLS & ABBREVIATIONS LEGEND	
	NEW PIPE, DUCTWORK OR EQUIPMENT
	DUCT SIZE: FIRST DIMENSION IS SIDE DRAWN
	FLEXIBLE ROUND DUCTWORK
	FIRE DAMPER, SMOKE DAMPER, SMOKE DETECTOR
	CEILING SUPPLY DIFFUSER
	CEILING RETURN OR EXHAUST AIR
	S.A DUCT OUT OF TU BOX WITH DUCT LINER FOR THR FIRST FIVE FEET OF DUCT OUT OF TU BOX
	SIDEWALL REGISTER OR GRILLE
	CHANGE IN PIPE OR DUCT SIZE OR SHAPE
	REFRIGERANT PIPING
	CONDENSATE OR OTHER DRAIN PIPING
	ELBOW TURNED DOWN OR TURNED UP IN PIPING
	THERMOSTAT, ARROW SHOWS CONTROL WIRING PATH
	TIME CLOCK
	DIAMETER
	UNDER--CUT DOOR 3/4", UNLESS OTHER SIZE NOTED
	INDICATES EQUIPMENT ON PLANS; TOP ITEM SHOWS TYPE OF EQUIPMENT AND BOTTOM ITEM SHOWS SPECIFIC MARK NUMBER
	ITEM IN HEXAGON SHOWS AIR DEVICE MARK NUMBER, ITEM ABOVE LINE SHOWS NECK SIZE, ITEM BELOW LINE SHOWS AIR FLOW THROUGH DEVICE, AND NUMBER IN FRONT SHOWS QUANTITY IF MORE THAN ONE
	ABOVE FINISHED FLOOR
	BYPASS DAMPER
	BRITISH THERMAL UNITS, THOUSAND BRITISH THERMAL UNITS
	CAPACITY
	CUBIC FEET PER MINUTE
	CEILING
	CONDENSING UNIT
	DRY BULB TEMPERATURE, WET BULB TEMPERATURE
	EXHAUST AIR, EXHAUST GRILLE
	EXHAUST FAN
	EXTERNAL STATIC PRESSURE (USUALLY EXPRESSED IN INCHES OF WATER IN GAGE)
	MANUAL VOLUME DAMPER
	OUTSIDE AIR
	RETURN AIR, RETURN GRILLE
	SUPPLY AIR
	VOLTS ALTERNATING CURRENT, NUMBER OF PHASES
	WATTS, KILOWATTS
	UNIT HEATER
	ACCESS DOOR
	RADIUS ELBOW (R=1.5)
	VANED ELBOW



169 New Street, Macon, GA 31201
(478)741-4632
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REGISTRATION SEAL

REVIEW SET
NOT FOR
CONSTRUCTION

NEW RESTROOM BUILDING

CENTRAL PARK

3134 PONDEROSA DR SW, COVINGTON, GA 30014



10641 Highway 36, Covington, GA 30014
(770)786-3031
www.sunbeltbuilders.com

MARK	DATE	DESCRIPTION

DATE: 04--30--25 PROJECT NUMBER: 25--039

DRAWN BY: JWK CHECK BY: KMP

SHEET TITLE:
MECHANICAL SPECIFICATIONS

ALPHA BLDG SET 09-03-2025

M0.1

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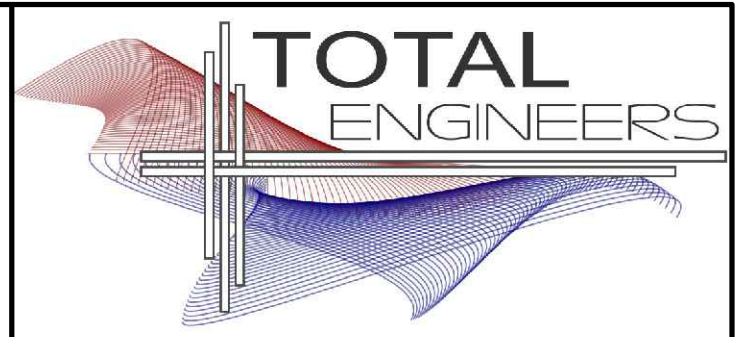
MECHANICAL PLAN
SCALE: 1/4"=1'-0"

KEY NOTES(THIS SHEET ONLY):

① MOUNT HEATER AT 7'-6" AFF.

② 12"Ø EXHAUST AIR WALL CAP. PAINT TO MATCH EXTERIOR WALL.

ALPHA BLDG SET 09-03-2025



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MARK	DATE	DESCRIPTION

DATE: 04-30-25	PROJECT NUMBER: 25-039
DRAWN BY: JWK	CHECK BY: KMP

SHEET TITLE:
MECHANICAL PLAN

M1.1

ELECTRICAL SPECIFICATIONS

DIVISION 26

ELECTRICAL

SECTION A: GENERAL ELECTRICAL REQUIREMENTS

1. THESE PLANS AND SPECIFICATIONS APPLY TO NEW RESTROOM BUILDING FOR CENTRAL PARK, COVINGTON, GEORGIA. THE WORK DESCRIBED BY THESE PLANS AND SPECIFICATIONS APPLY TO THE INDICATED PROJECT AND MAY NOT BE MODIFIED OR REUSED WITHOUT WRITTEN APPROVAL OF THE ENGINEER.

2. ALL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTOR WITH MINIMUM OF TWO YEARS OF EXPERIENCE. LIST OF PREVIOUS JOBS AND REFERENCES SHALL BE MADE AVAILABLE UPON REQUEST. CONTRACTOR SHALL PROVIDE ADEQUATE INSURANCE FOR PERSONNEL AND SHALL REPAIR ANY DAMAGE OCCURRING AS THE RESULT OF THIS PROJECT SITE AND RELATED PROPERTY.

3. ALL WORK SHALL BE PERFORMED IN A PROFESSIONAL MANNER IN ACCORDANCE WITH THE 2023 NATIONAL ELECTRICAL CODE, LIFE SAFETY CODE NFPA 70E, ADA CODE, GA ACCESSIBILITY CODE, STATE OF GEORGIA ENERGY CODE AND ALL OTHER APPLICABLE CODES AND ORDINANCES.

4. ALL PERMITS AND FEES SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.

5. ALL EQUIPMENT, MATERIAL, AND DEVICES SHALL BE LISTED OR RECOGNIZED BY UNDERWRITER'S LABORATORY OR ELECTRICAL TESTING LABORATORY AND USED AND INSTALLED IN ACCORDANCE WITH IT'S LISTING.

6. ALL WORK PERFORMED SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE FINAL COMPLETION DATE EXCEPT FOR FUSES AND LAMPS IN LIGHT FIXTURES. UPON NOTIFICATION OF A PROBLEM, THE CONTRACTOR SHALL INVESTIGATE THE PROBLEM WITHIN 48 HOURS UNLESS A DIFFERENT TIME PERIOD IS AGREED TO. THE CONTRACTOR SHALL INVESTIGATE, REPAIR OR REPLACE ALL FAULTY EQUIPMENT WITHIN A REASONABLE TIME PERIOD WITHOUT CHARGE TO THE OWNER.

7. THE TERM "PROVIDE" SHALL BE UNDERSTOOD TO MEAN, OBTAIN THE ITEM DESCRIBED, INSTALL ITEM IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, AND MANUFACTURER'S RECOMMENDATIONS.

8. ALL PENETRATIONS MADE IN FIRE RATED BUILDING PORTIONS SHALL BE SEALED WITH A LISTED RESISTANT MATERIAL SUITABLE FOR THE APPLICATION.

9. ALL INSTALLATIONS OF ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.

10. PLANS ARE DIAGRAMMATIC AND SHOW THE LOCATION OF THE EQUIPMENT, RACEWAY AND FIXTURES, AND ARE NOT TO BE SCALED. ALL DIMENSIONS SHALL BE VERIFIED AT THE BUILDING SITE.

11. CONTRACTOR SHALL VERIFY AND COORDINATE ALL EQUIPMENT AND DEVICE LOCATIONS WITH OWNER'S PROJECT MANAGER PRIOR TO INSTALLATION.

12. EQUIPMENT BREAKER AND WIRING REQUIREMENTS: THE CONTRACTOR SHALL SUBMIT FOR REVIEW A TABULATED SUMMARY OF BREAKER AND WIRING REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT REQUIRING POWER AS SPECIFIED IN DIVISION 23. REQUIREMENTS SHALL BE IDENTIFIED BY HORSEPOWER OR KW, OPERATING AMPERAGE, REQUIRED VOLTAGE AND PHASE REQUIREMENTS, AND MANUFACTURERS SUGGESTED OVERCURRENT CIRCUIT PROTECTION DEVICE SIZE AND MINIMUM CIRCUIT AMPACITY. WHERE THE ELECTRICAL REQUIREMENTS SUBMITTED FOR MECHANICAL EQUIPMENT DIFFERS FROM THE BRANCH CIRCUITRY SHOWN ON THE ELECTRICAL DRAWINGS (WHEN USING THE BASIS OF DESIGN UNIT LISTED IN THE MECHANICAL SCHEDULES/SPECIFICATIONS OR A SIMILAR UNIT OF THE SAME SIZE FROM LISTED ALTERNATE MANUFACTURERS), THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS TO THE BRANCH CIRCUITRY PER THE CURRENT NEC AT NO ADDITIONAL COST TO THE OWNER. WHEN CHANGES ARE MADE TO POWER REQUIREMENTS FOR EQUIPMENT DUE TO OWNER, ARCHITECT/ENGINEER APPROVED VALUE ENGINEERING CHANGES TO EQUIPMENT, THE COST MUST BE INCLUDED IN THE VALUE ENGINEERING OVERALL CHANGE ORDER COST. COSTS DUE TO ADJUSTMENTS IN BRANCH CIRCUITRY TO EQUIPMENT DUE TO VALUE ENGINEERING CHANGES WILL NOT BE ALLOWED AFTER THE OVERALL VALUE ENGINEERING CHANGE ORDER HAS BEEN APPROVED. IN ALL CASES, BREAKER AND WIRING REQUIREMENTS FOR MECHANICAL EQUIPMENT MUST BE PROVIDED TO THE ENGINEER BEFORE OR AT THE SAME TIME AS THE SHOP DRAWINGS FOR THE ELECTRICAL DISTRIBUTION GEAR OR EQUIPMENT. IN NO CASE SHALL THE ELECTRICAL DISTRIBUTION GEAR OR EQUIPMENT BE ORDERED OR BRANCH CIRCUITRY ROUGHED IN PRIOR TO ENGINEER REVIEW AND COMMENT ON THIS DOCUMENT. ANY EQUIPMENT ORDERED OR BRANCH CIRCUITRY ROUGHED IN ON THE JOBSITE WITHOUT THIS REVIEW AND COMMENT WILL BE TOTALLY AT THE CONTRACTORS RISK.

SECTION B: BASIC MATERIALS

1. ALL CONDUCTORS USED FOR 600 VOLTS OR LESS SHALL BE HIGH GRADE COPPER CONDUCTORS WITH 75 DEGREE C, THHN/THWN-2 DUAL RATED THERMOPLASTIC INSULATION. ALL CONDUCTORS SHALL BE MADE IN THE USA. ALL CONDUCTORS ROUTED IN UNDERGROUND CONDUIT SHALL BE RATED FOR WET LOCATIONS.

2. ALL INTERIOR 120/277 VOLT, 20 AMP POWER AND LIGHTING WIRING SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING OR "MC" CABLE (IF NOT EXPOSED) FOR ALL INTERIOR CIRCUITS UNLESS OTHERWISE NOTED. IF "MC" CABLE IS USED, HOMERUNS SHALL BE IN 3/4 IN. EMT. POWER CIRCUITS FOR HVAC EQUIPMENT SHALL BE IN 3/4" ELECTRICAL METALLIC CONDUIT MINIMUM. ALL CONDUIT SHALL BE SUPPORTED FROM BUILDING STRUCTURE. SHALL NOT BE SUPPORTED FROM DUCTWORK, PIPING, CEILING GRID OR CEILING GRID SUPPORTS, OR ANY OTHER NON-STRUCTURAL ITEM. CONDUIT SHALL BE SUPPORTED IN ACCORDANCE WITH THE NEC. CONDUIT IN EXPOSED STRUCTURE AREAS SHALL BE EMT, GALVANIZED RIGID STEEL CONDUIT SHALL BE USED IN AREAS WHERE IT WILL BE EXPOSED TO PHYSICAL DAMAGE.

3. CONDUIT UNDERGROUND SHALL BE SCHEDULE 40 PVC. IF MORE THAN ONE CONDUIT IS PROVIDED IN A SINGLE TRENCH, THE CONDUIT SHALL BE RACKED WITH SPACERS EVERY FOUR FEET TO MAINTAIN A MINIMUM SPACING BETWEEN CONDUIT OF TWO INCHES. BACKFILL USED FOR UNDERGROUND INSTALLATIONS SHALL BE FREE OF FOREIGN MATTER, WHERE EXPOSED TO WEATHER, CONDUIT SHALL BE GALVANIZED RIGID STEEL OR INTERMEDIATE METALLIC CONDUIT. THE CONDUIT SHALL BE TERMINATED WITH LISTED FITTINGS AND ALL CONDUIT ENDS SHALL BE REAMED AND SMOOTH. ALL CONDUIT ENDS IN BOXES SHALL BE PROVIDED WITH INSULATED BUSHINGS.

4. A #12 INSULATED COPPER GROUND CONDUCTOR SHALL BE INCLUDED IN ALL BRANCH CIRCUITS RATED 20 AMPERES. ALL OTHER CIRCUITS AND FEEDERS WILL BE PROVIDED WITH AN INSULATED COPPER CONDUCTOR SIZED AS NOTED OR IN ACCORDANCE WITH THE NEC, WHICHEVER IS GREATER.

5. THE MINIMUM SIZE OF ALL CONDUCTORS NOT OTHERWISE INDICATED IS #12 AND THE MINIMUM SIZE OF ALL CONDUIT UNLESS OTHERWISE INDICATED IS 1/2 IN.

6. ALL JUNCTION BOXES SHALL BE PROVIDED WITH COVERS AND ALL UNUSED OPENINGS SHALL BE PLUGGED. ALL JUNCTION BOXES SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURE. COVERS OF BOXES SHALL BE LABELED WITH THE CIRCUIT NUMBER WITH A BLACK PERMANENT MARKER IN 3/4 IN. HIGH LETTERS (LEGIBLE HANDWRITTEN LETTERING IS ACCEPTABLE).

7. ALL OUTLET BOXES SHALL BE SQUARE METAL BOXES, PROVIDE PLASTER RINGS FOR ALL OUTLET BOXES CONTAINING DEVICES TO PROVIDE A FIRM MOUNTING SUPPORT FOR THE DEVICE.

8. ALL CONVENIENCE RECEPTACLES SHALL BE SPECIFICATION GRADE 20 AMP RECEPTACLES, OWNER TO SELECT COLOR, TAMPER RESISTANT (TYPE "TR").

9. ALL LIGHT SWITCHES SHALL BE SPECIFICATION GRADE 20 AMP TOGGLE SWITCHES FULL LOAD RATED FOR TUNGSTEN-HALOGEN LAMPS, OWNER TO SELECT COLOR.

10. PROVIDE FACEPLATES FOR ALL RECEPTACLES AND SWITCHES. COORDINATE STYLE AND COLOR WITH OWNER'S PROJECT MANAGER.

11. PROVIDE BETWEEN 12 AND 24 INCHES OF LIQUID TIGHT FLEXIBLE CONDUIT BETWEEN RIGID CONDUIT AND ANY EQUIPMENT CONTAINING MOTORS. THE FLEXIBLE CONDUIT SHALL BE SUPPORTED TO PREVENT THE CONDUIT FROM RESTING ON THE GROUND OR CONCRETE PAD.

12. PROVIDE WEATHERPROOF RECEPTACLE WITHIN 25 FEET OF EACH PIECE OF EXTERIOR EQUIPMENT. THIS RECEPTACLE SHALL BE MOUNTED HORIZONTALLY WITH METAL HINGED "IN USE" COVER MOUNTED TO OPEN UP. THIS OUTLET SHALL BE A GFCI RECEPTACLE. THIS RECEPTACLE SHALL BE MOUNTED IN DIE CAST NON CORRODING METAL BOX.

13. WHEN OUTLETS OR BOXES ARE INDICATED INSTALLED ON OPPOSITE SIDES OF THE SAME WALL, THE CONTRACTOR SHALL ADJUST THE LOCATION TO OFFSET THE OUTLETS WITH A WALL STUD PROVIDING SEPERATION.

SECTION C: DISTRIBUTION EQUIPMENT

1. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUIT FOR ALL FEEDERS IN ACCORDANCE WITH THE PLANS.

2. SEPERATELY MOUNTED CIRCUIT BREAKERS SHALL BE MOUNTED IN NEMA TYPE I ENCLOSURES IN INDOOR APPLICATIONS AND IN NEMA 3R ENCLOSURES IN EXTERIOR OR WET LOCATIONS. ALL CIRCUIT BREAKER ENCLOSURES SHALL BE PROVIDED WITH HINGED COVERS AND PROVISIONS FOR PADLOCKING THE COVERS.

3. ALL EQUIPMENT CONTAINING MOTORS SHALL BE PROVIDED WITH A DISCONNECTING MEANS WITHIN TEN FEET OF THE UNIT UNLESS OTHERWISE NOTED. THIS DISCONNECTING MEANS SHALL AS A MINIMUM BE A NON-FUSED SWITCH OR TOGGLE STARTER SIZED TO MATCH THE EQUIPMENT. PROVIDE OTHER DEVICES AS NOTED ON THE PLANS. PROVIDE NEMA TYPE I ENCLOSURES INDOORS AND NEMA 3R OUTDOORS.

4. PROVIDE GFCI CIRCUIT BREAKERS AND RECEPTACLES AS INDICATED ON THE PLANS AND IN THESE SPECIFICATIONS. THESE DEVICES SHALL BE CLASS A GFCI DEVICES.

5. PROVIDE PANELS AS SCHEDULED ON PLANS. CIRCUIT BREAKERS SHALL BE THERMAL-MAGNETIC BREAKERS WITH A MINIMUM INTERRUPTING RATING OF 10,000 AIC FOR 120/208V AND 14,000 AIC FOR 277/480V OR AS INDICATED ON THE PLANS. BREAKERS SHALL HAVE 65/75 DEGREE C RATED TERMINATIONS. PANEL NOTED SHALL BE SERVICE ENTRANCE RATED. MOUNT PANELS WITH TOP OF PANEL 6 FT. ABOVE FLOOR. PROVIDE 3/4 IN., GREY PAINTED PL WOOD BACKBOARD FOR ALL PANELS SECURED TO WALL WITH 1/4 IN. TOGGLE BOLTS. PANEL MANUFACTURERS: SQUARE D, GE, SEIMENS, AND CULTER HAMMER. ALL CURRENT CARRYING PARTS SHALL BE COPPER.

6. SYSTEM COORDINATION: THE MANUFACTURER OF THE PANELBOARDS SHALL PROVIDE SERIES RATED EQUIPMENT BASED ON UL LISTED TEST RESULTS. THE CONTRACTOR SHALL VERIFY THE AVAILABLE SHORT CIRCUIT CURRENT AT THE SERVING TRANSFORMER.

7. PROVIDE EACH PANELBOARD WITH A TYPEWRITTEN CIRCUIT BREAKER DIRECTORY CARD INSIDE A PLASTIC COVERING (EVERY CIRCUIT AND CIRCUIT MODIFICATION SHALL BE LEGIBLY IDENTIFIED AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE OR USE. THE IDENTIFICATION SHALL INCLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHERS). THE DIRECTORY AND COVERING SHALL BE LOCATED INSIDE A STEEL FRAME PROVIDED INSIDE THE DOOR OF EACH PANELBOARD. THE DIRECTORY SHALL BE TYPED TO IDENTIFY THE LOAD FED BY EACH CIRCUIT BREAKER AND THE AREAS SERVED.

8. PROVIDE NAMEPLATES FOR ALL PANELBOARDS, DISCONNECT SWITCHES, ENCLOSED CIRCUIT BRAKERS, COMBINATION STARTERS, CONTRACTORS, AND ALL OTHER ELECTRICAL DISTRIBUTION EQUIPMENT PANELS. MOUNT NAMEPLATES ON EXTERIOR OF THE DOOR OF ALL SURFACE MOUNTED PANELS AND EQUIPMENT. NAME PLATES SHALL BE LAMINATED PLASTIC PLATES WITH 3/16 IN. HIGH WHITE LETTERS ETCHED ON BLACK BACKGROUND. NAME PLATES SHALL BE INSTALLED PARALLEL TO EQUIPMENT LINES. THE NAME OR USAGE OF EACH DEVICE OR BRANCH CIRCUIT SHALL BE ETCHED IN THE NAMEPLATE. CONTRACTOR TO COORDINATE EXACT EQUIPMENT IDENTIFICATION WITH THE OWNER. SECURE NAMEPLATES VIA EPOXY GLUE.

SECTION D: LIGHTING

1. TYPES AND SPECIFIC REQUIREMENTS ARE PROVIDED ON THE LIGHTING FIXTURE SCHEDULE ON THE PLANS. ALL LIGHT FIXTURES SHALL BE PROVIDED WITH LAMPS, DRIVERS, BALLASTS, AND FULLY FUNCTIONING AT COMPLETION OF PROJECT.

2. ALL LED FIXTURES SHALL BE U.L. LISTED AND HAVE A MINIMUM OF 5 YEAR ON-SITE REPLACEMENT WARRANTY FOR DEFECTIVE OR NON-STARTING LED SOURCE ASSEMBLIES, DRIVERS, AND FOR LUMINAIRES EXHIBITING INADEQUATE LUMEN OUTPUT. IT SHALL COVER MATERIAL, FIXTURE FINISH, WORKMANSHIP, AND SHIPPING. ON-SITE REPLACEMENT SHALL INCLUDE TRANSPORTATION, REMOVAL, AND INSTALLATION OF NEW FIXTURE.

3. RATED LUMINAIRE WATTAGE SHALL BE ACTUAL, ACCOUNTING FOR ANY REDUCTION IN EFFICIENCY DUE TO SUB-OPTIMAL LOADING OF DRIVERS.

4. DRIVERS SHALL BE CAPABLE OF ACCEPTING THE VOLTAGE INDICATED ON THE LIGHTING FIXTURE SCHEDULE AND CAPABLE OF DIMMING IF REQUIRED. DRIVERS SHALL HAVE A CLASS A RATING, TOTAL HARMONIC DISTORTION OF LESS THAN 20%, AND SHALL NOT CONTAIN ANY POLYCHLORINATED BIPHENYL (PCB).

5. ALL LED FIXTURES SHALL BE TESTED TO IES LM-79 AND IES LM-80 STANDARDS. OUTDOOR FIXTURES SHALL BE IP65 RATED. LED'S, DRIVERS AND ALL COMPONENTS SHALL HAVE A SYSTEM LIFETIME OF 50,000 HOURS OR MORE AT 25 DEGREES CELSIUS AND SHALL MAINTAIN A MINIMUM OF 85% OF INITIAL LUMEN OUTPUT AFTER 55,000 HOURS OF OPERATION. LED'S SHALL HAVE COLOR RENDERING INDEX (CRI) OF 80 OR GREATER.

6. ALL SURFACE MOUNTED FIXTURES SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURE. ALL CEILING MOUNTED FIXTURES SHALL BE SUPPORTED FROM STRUCTURE AND BRACED TO PREVENT MOVEMENT IF IMPACTED.

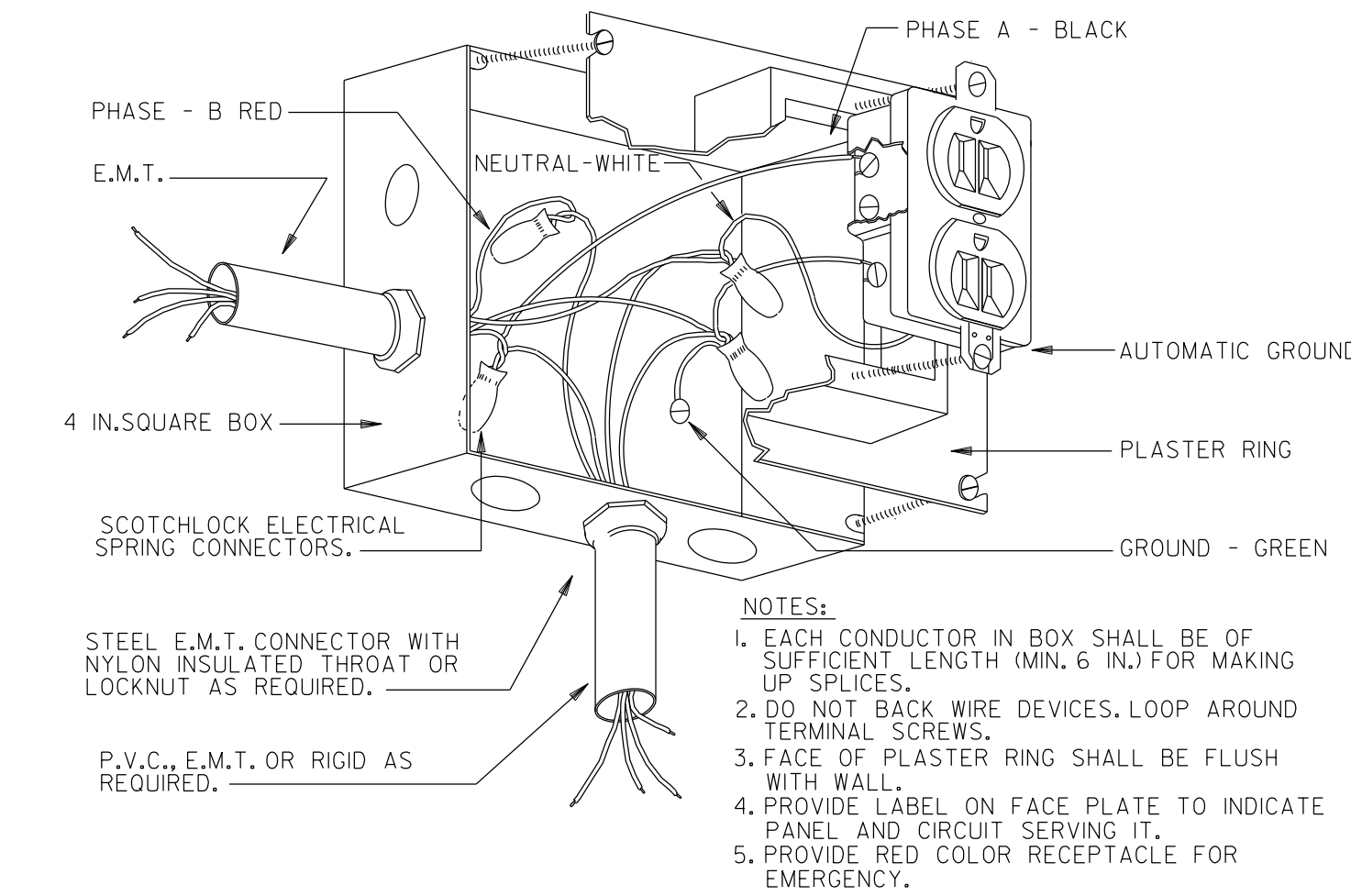
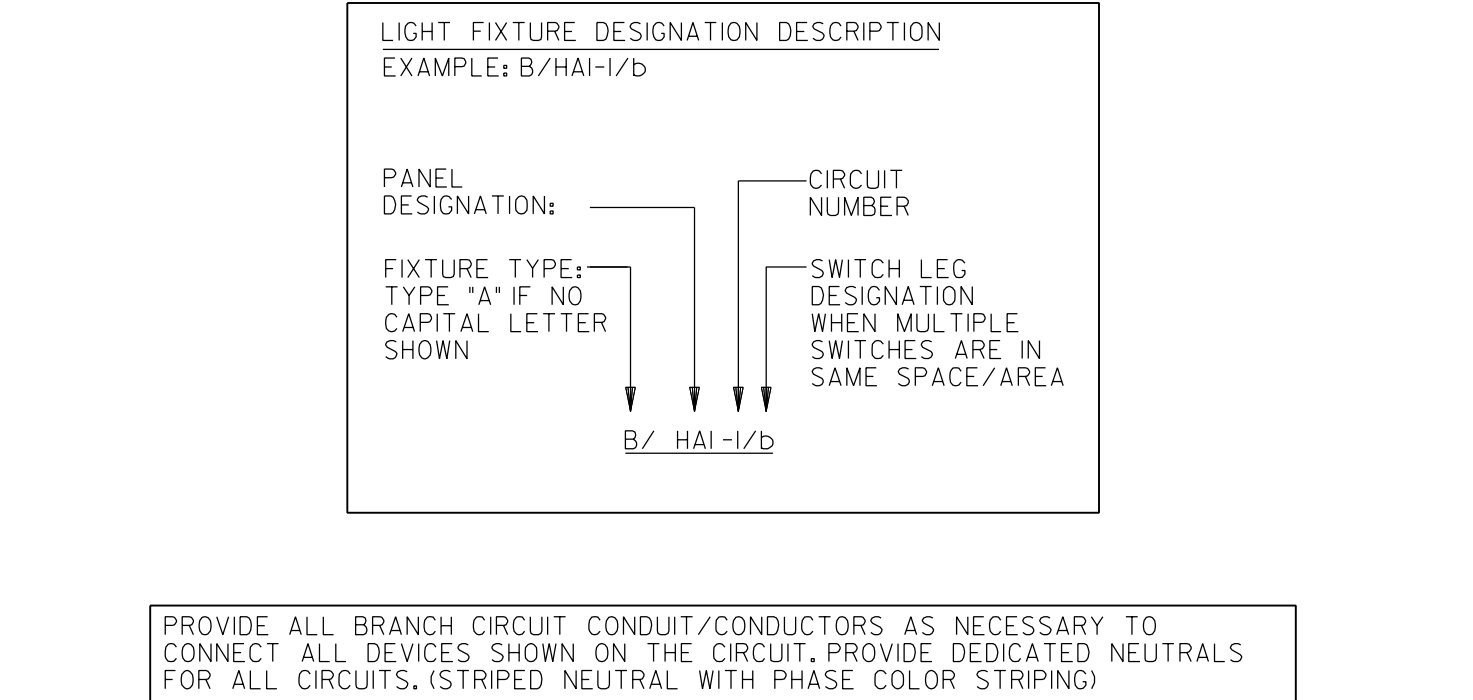
7. ALL RECESSED FIXTURES IN LAY IN TYPE CEILINGS SHALL BE PROVIDED WITH GRID CLIPS TO FASTEN FIRMLY TO CEILING SUPPORT GRID. THE CEILING GRID SHALL BE SUPPORTED AT EACH CORNER OF A FIXTURE.

8. CONNECTION TO ALL FIXTURES IN LAYIN CEILING SHALL BE BY FLEXIBLE CONDUIT OF FOUR TO SIX FEET IN LENGTH. A GROUND CONDUCTOR WILL BE INCLUDED WITH THIS CONNECTION.

9. ALL LENSES ON FIXTURES SHALL BE 0.025 INCH THICK MINIMUM. ALL HOUSINGS SHALL BE 22 GAUGE STEEL MIN. AND HAVE A POST FABRICATION HIGH REFLECTIVE WHITE FINISH.

TYPE	DESCRIPTION	MANUFACTURER
A	LINEAR VAPORTITE FIXTURE, NOMINAL 4 FT. HOUSING, SURFACE MOUNTING, FIBERGLASS REINFORCED POLYESTER HOUSING, LOW PROFILE PRISMATIC, MEDIUM DISTRIBUTION, HIGH IMPACT POLYCARBONATE LENS OPTION; WET LOCATION AND IP67 LISTED. PROVIDE 1400 LUMEN EMERGENCY BATTERY PACK WHERE INDICATED ON THE DRAWINGS.	COLUMBIA "LXEM" SER., METALUX "VT3" SER., LITHONIA "FEMI" SER.
	LAMPS: LED, 4000 LUMENS, 39 WATTS, 3500 DEGREE K DRIVER: UNV. VOLT	
B	LINEAR VANDAL RESISTANT FIXTURE, NOMINAL 4 FT. HOUSING, WALL MOUNTED HORIZONTALLY; DIE-FORMED STEEL HOUSING, EXTRUDED PRISMATIC POLYCARBONATE LENS, DAMP LOCATIONS LISTED. PROVIDE 1200 LUMEN EMERGENCY BATTERY PACK.	LUMINAIRE LED "CLF7" SER., LIFESHIELD "PVNT" SER., OR APPROVED EQUAL
	LAMPS: LED, 5600 LUMENS, 54 WATTS, 3500 DEGREE K BALLAST: UNV. VOLT	
OA	COMMERCIAL GRADE DOWNLIGHT, RECESSED SELF FLANGED, 6 IN. ROUND APERTURE, SPECULAR REFLECTOR FINISH; ACCESS FROM BELOW OR ABOVE CEILING; STANDARD 0-10 DIMMING; WET LISTED FOR COVERED CEILING.	HALO COMMERCIAL "HCB" SER., LITHONIA "LDN6" SER., PRESCOLITE "LFR-6RD" SER., LIGHTOLIER "6N-C6L" SER.
OB	BUILDING MOUNT WALL PACK, WEDGE / TRAPEZOID SHAPE DIE CAST HOUSING, TYPE 4 WIDE DISTRIBUTION, IP65 RATED OR BETTER WITH GASKETED BACK PLATE AND LED PANELS WALL MOUNT FIXTURE SUCH THAT FIXTURE BOTTOM ELEVATION IS 8'-6" ABOVE GROUND.	LITHONIA "WDGE" SER., MCGRAW-EDISON "IST" SER., BEACON "TRP2" SER.
	LAMPS: LED, 4500 LUMENS, 35 WATTS, 4000 DEGREE K BALLAST: UNV. VOLT	
~D	EXTERIOR ARCHITECTURAL STYLED LOW PROFILE LED EMERGENCY LIGHTING UNIT, SELF DIAGNOSTICS STANDARD. WET LOCATION WITH FULLY GASKETED HOUSING AND -20C TO 50C OPERATION, PRISMATIC POLYCARB REFRACTOR. 90 MIN. BACK-UP BATTERY. BRONZE / BLACK SELECTED BY ARCHITECT.	LITHONIA "AFO" SER., MULE "MAKO" SER., SPITZER "EWS" SER., COMPASS "CLW" SER., H.E. WILLIAMS "EMER" SER.
	LAMPS: LED, 3 WATTS BALLAST: UNV. VOLT	

NOTES:
1. CONTRACTOR TO VERIFY ALL VOLTAGES, GRID AND CEILING TYPES WITH THE ARCHITECT AND COORDINATE FIXTURE DIMENSION SIZE TO ENSURE A PROPER FIT IN ALL CEILING TYPES PRIOR TO ORDERING.
2. ALL LUMENS LISTED ARE DELIVERED LUMENS, ALL EQUALS TO SPECIFIED FIXTURES SHALL NOT BE ANY LOWER THAN 5% OF SPECIFIED LUMENS. WATTAGE SHALL NOT BE HIGHER THAN 15% OF SPECIFIED WATTAGE.
3. LISTING OF MANUFACTURERS DOES NOT EQUAL AUTOMATIC APPROVAL. ALL CHARACTERISTICS NOTED IN DESCRIPTION SECTION MUST BE MET IN ORDER TO BE APPROVED. WHERE VENDOR/REP. DOES NOT HAVE ONE MANUFACTURER LISTED, PRIOR APPROVAL IS REQUIRED TO BE SUBMITTED TO ENGINEER TEN (10) DAYS PRIOR TO BID.



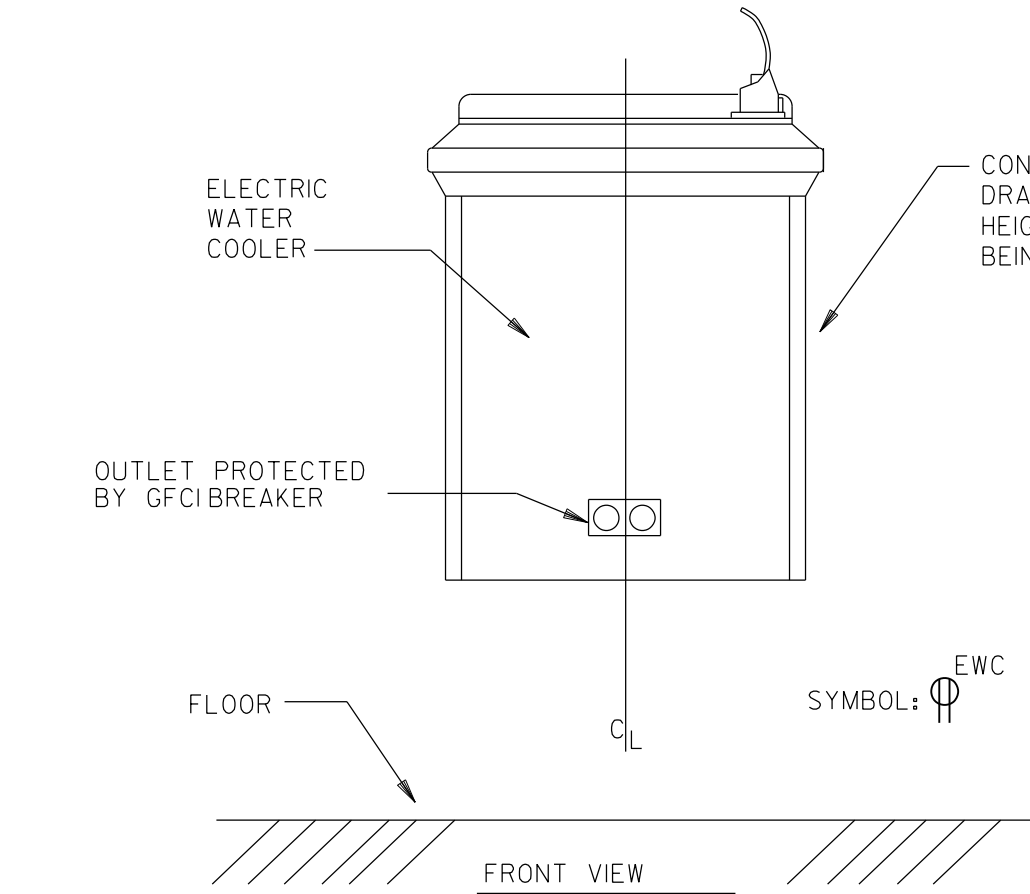
1 RECEPTACLE CONNECTION DETAIL
E.I. NOT TO SCALE

ELECTRICAL LEGEND	
LIGHTING AND POWER	
	CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALL. HASH MARKS INDICATE NUMBER OF CONDUCTORS. (3 WIRE UNLESS SHOWN)
	CONDUIT RUN CONCEALED BELOW FLOOR SLAB, OR UNDERGROUND.
	HOMERUN TO PANELBOARD, LETTER OR LETTERS INDICATE PANELBOARD. NUMBERS INDICATES CIRCUIT NUMBERS.
	LIGHT FIXTURE, SEE SCHEDULE FOR MOUNTING AND TYPE.
	LIGHT FIXTURE, SEE SCHEDULE FOR MOUNTING AND TYPE. PROVIDE WITH 1100 LUMEN, 90 MINUTE BATTERY PACK.
	LIGHTING FIXTURE, WALL BRACKET MOUNTED. (MOUNTING HEIGHT AS NOTED ON DRAWINGS OR AS SHOWN ON ARCHITECTURAL ELEVATIONS.)
	DUPLEX CONVENIENCE OUTLET, GFI TYPE, 18 IN. MOUNTING HEIGHT. "WP" WHERE SHOWN INDICATES WEATHERPROOF. PROVIDE METAL IN-USE WEATHERPROOF COVERPLATE.
	DUPLEX CONVENIENCE OUTLET, GFI TYPE. MOUNTED 8 INCHES ABOVE COUNTER OR AT 42 IN. ABOVE FLOOR.
	SINGLE POLE TOGGLE SWITCH, 42 IN. ABOVE FLOOR.
	MOTOR RATED TOGGLE SWITCH.
	PANELBOARD, SEE SCHEDULE.
	DISCONNECT SWITCH.
	MOTOR.
LIGHTING CONTROL SENSORS	
	COMBINATION 360 DEGREE, ULTRASONIC AND PASSIVE INFRARED SENSOR (WATT STOPPER "DT-300", GREENGATE, NOVITAS, HUBBELL, LEVITON, SENSOR SWITCH).
	WALL MOUNTED SENSOR SWITCH, 42 IN. MOUNTING HEIGHT (WATTSTOPPER DSW-301, GREENGATE, NOVITAS, HUBBELL, LEVITON, SENSOR SWITCH).

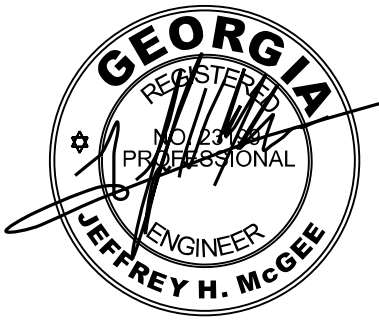
NOTES:
1. ALL MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTERLINE OF OUTLET OR DEVICE.
2. ALL RECEPTACLES SHALL BE TAMPER RESISTANT (TYPE "TR").

GENERAL NOTES:

- A. ALL FLUSH RECESSED OUTLET BOXES SHALL BE INSTALLED SUCH THAT FRONT EDGE OF THE BOX WILL NOT BE SET BACK OF THE FINISHED SURFACE MORE THAN 1/4 IN. IN ORDER TO COMPLY WITH N.E.C. 314-20. SUPPORT OF OUTLET BOX BY RECEPTACLE AND COVERPLATE IS NOT ACCEPTABLE. CAREFULLY COORDINATE ROUGH-IN WITH BLOCK MASONS AND GROUT-IN CELL CONTAINING OUTLET BOX.
- B. DO NOT SCALE DRAWINGS TO LOCATE EQUIPMENT OR OUTLETS. MOUNTING HEIGHTS AS INDICATED ON THE DRAWINGS SHALL BE FROM THE FINISHED FLOOR TO THE CENTER LINE OF THE OUTLET BOX.
- C. THE ELECTRICAL DRAWINGS ARE ONLY A PART OF THE CONTRACT DOCUMENTS. ALL OF THE DRAWINGS AND SPECIFICATIONS MUST BE REVIEWED FOR THEIR INTERRELATIONSHIP AND REQUIRED COORDINATION BETWEEN DISCIPLINES.
- D. ALL RECEPTACLES SHALL BE TAMPER RESISTANT (TYPE "TR").



2 TYPICAL RECEPTACLE LOCATION @
E.I. ELECTRIC WATER COOLER
NOT TO SCALE



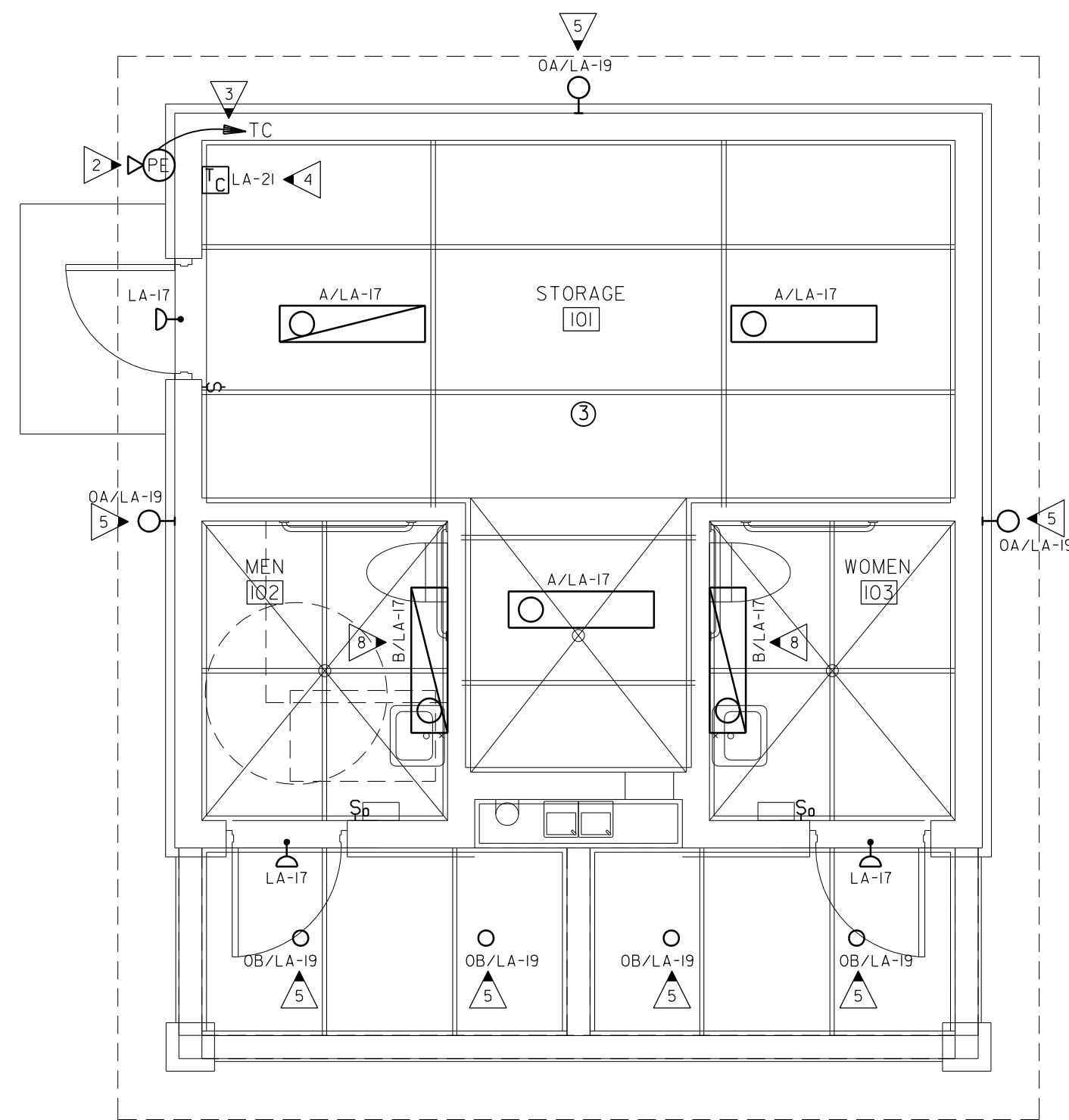
NEW RESTROOM BUILDING
CENTRAL PARK
3134 PONDEROSA DR SW,
COVINGTON, GA 30014

ELECTRICAL DESIGN
CONSULTANTS, INC.
175 New Street, Suite 1, Macon, GA 31201
TEL: (478) 781-1833

ELECTRICAL LEGEND,
SCHEDULES, AND
SPECIFICATIONS

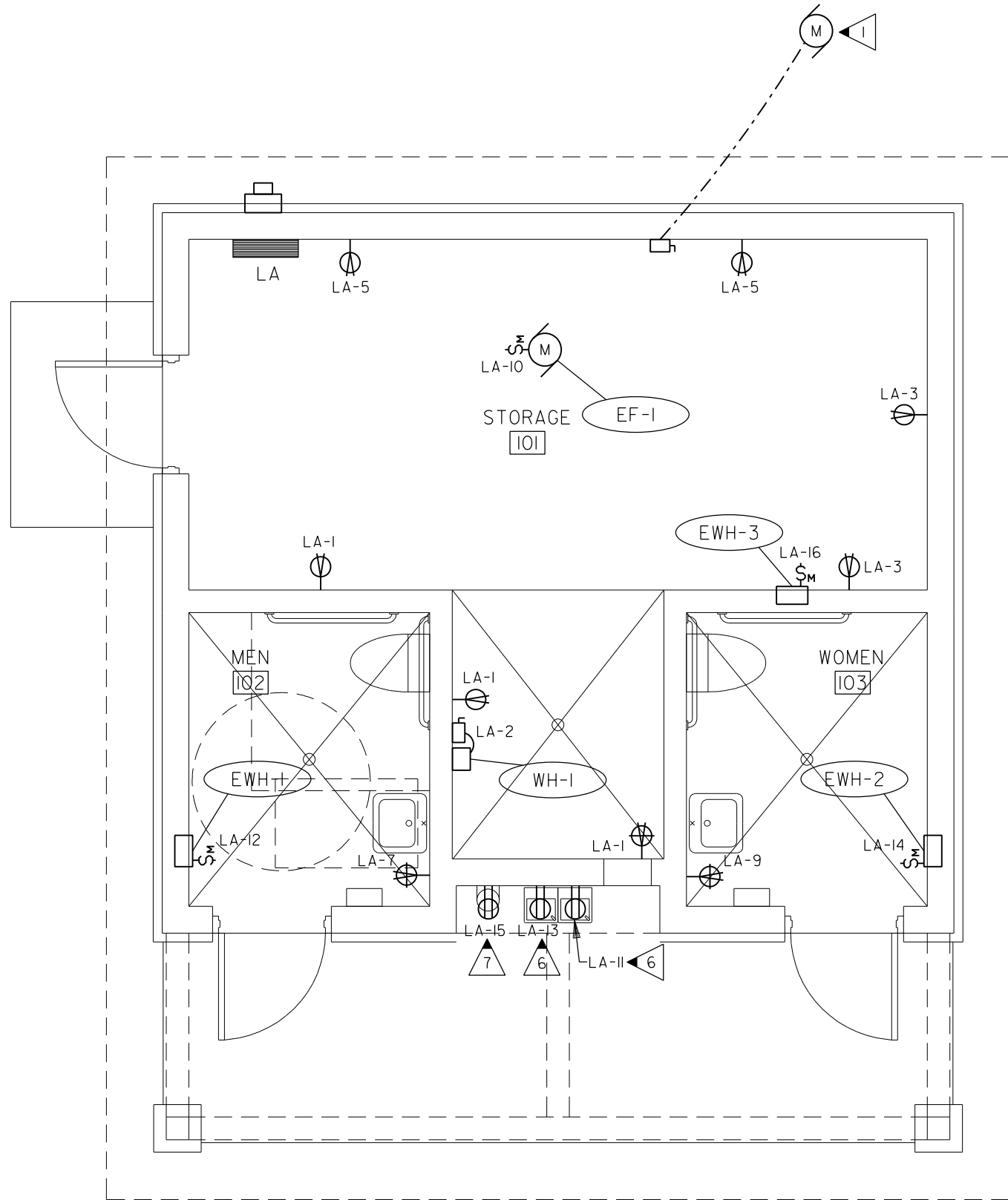
E.I.

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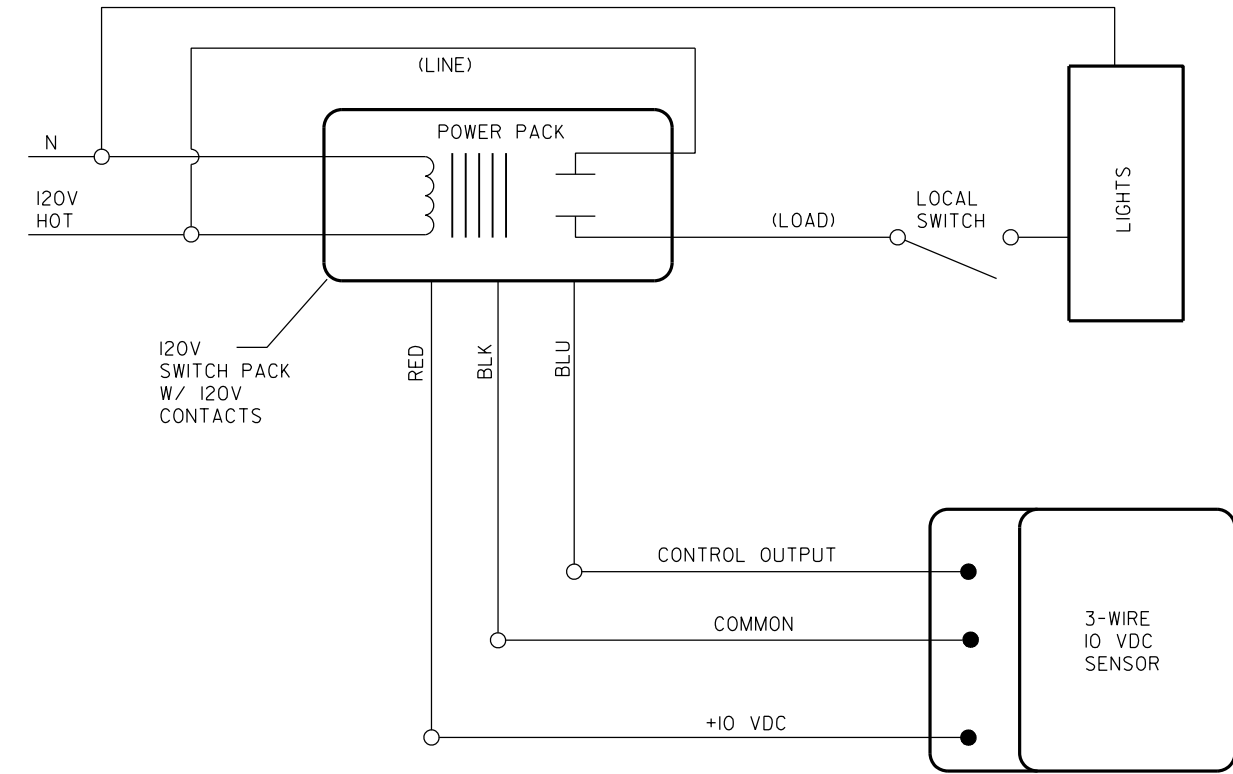
1 LARGE SCALE FLOOR PLAN - LIGHTING

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



2 LARGE SCALE FLOOR PLAN - POWER

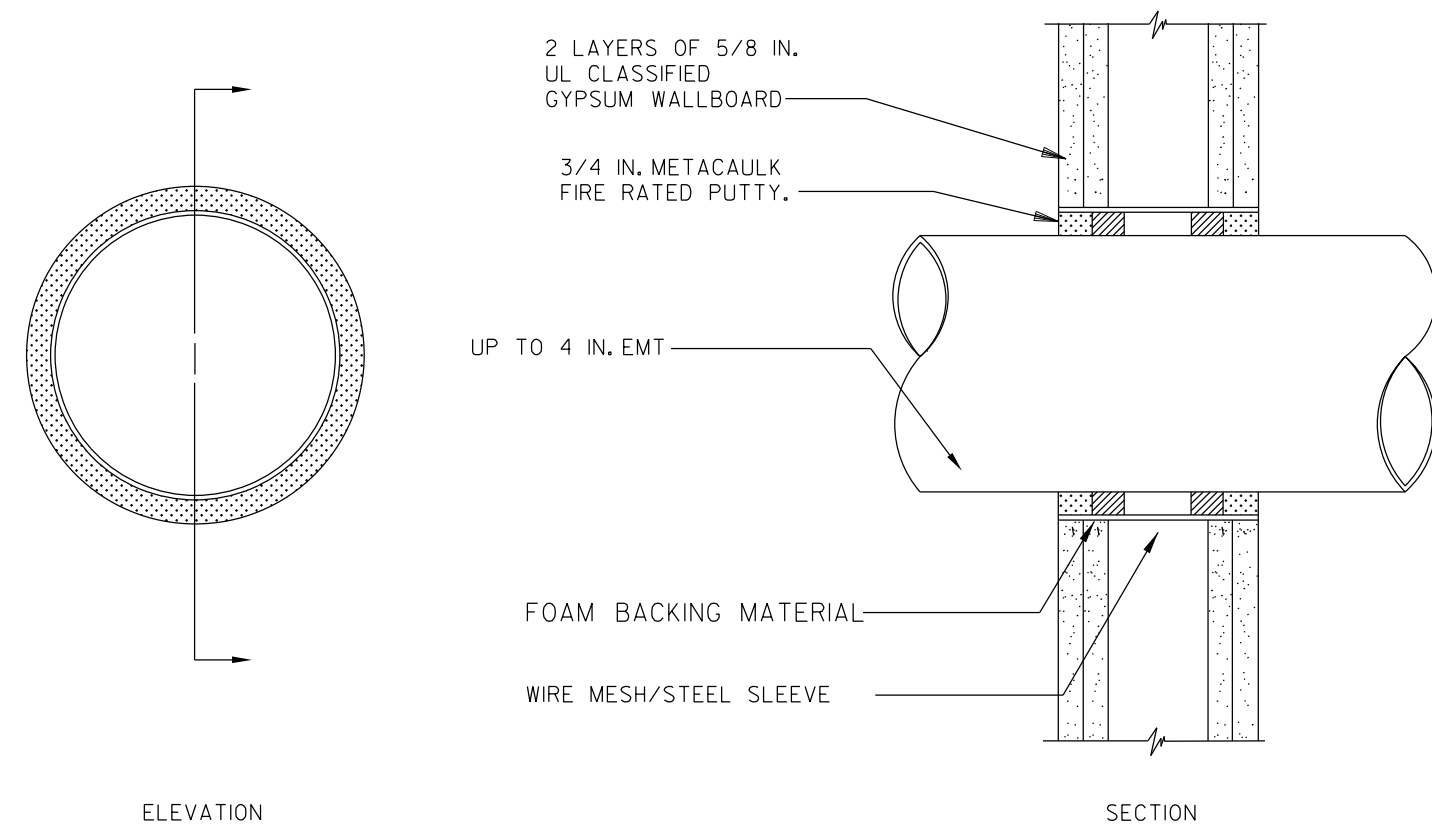
SCALE: 1/4"=1'-0"



3 SCHEMATIC WIRING DIAGRAM -
SENSOR CONTROL - LIGHTING

NOT TO SCALE

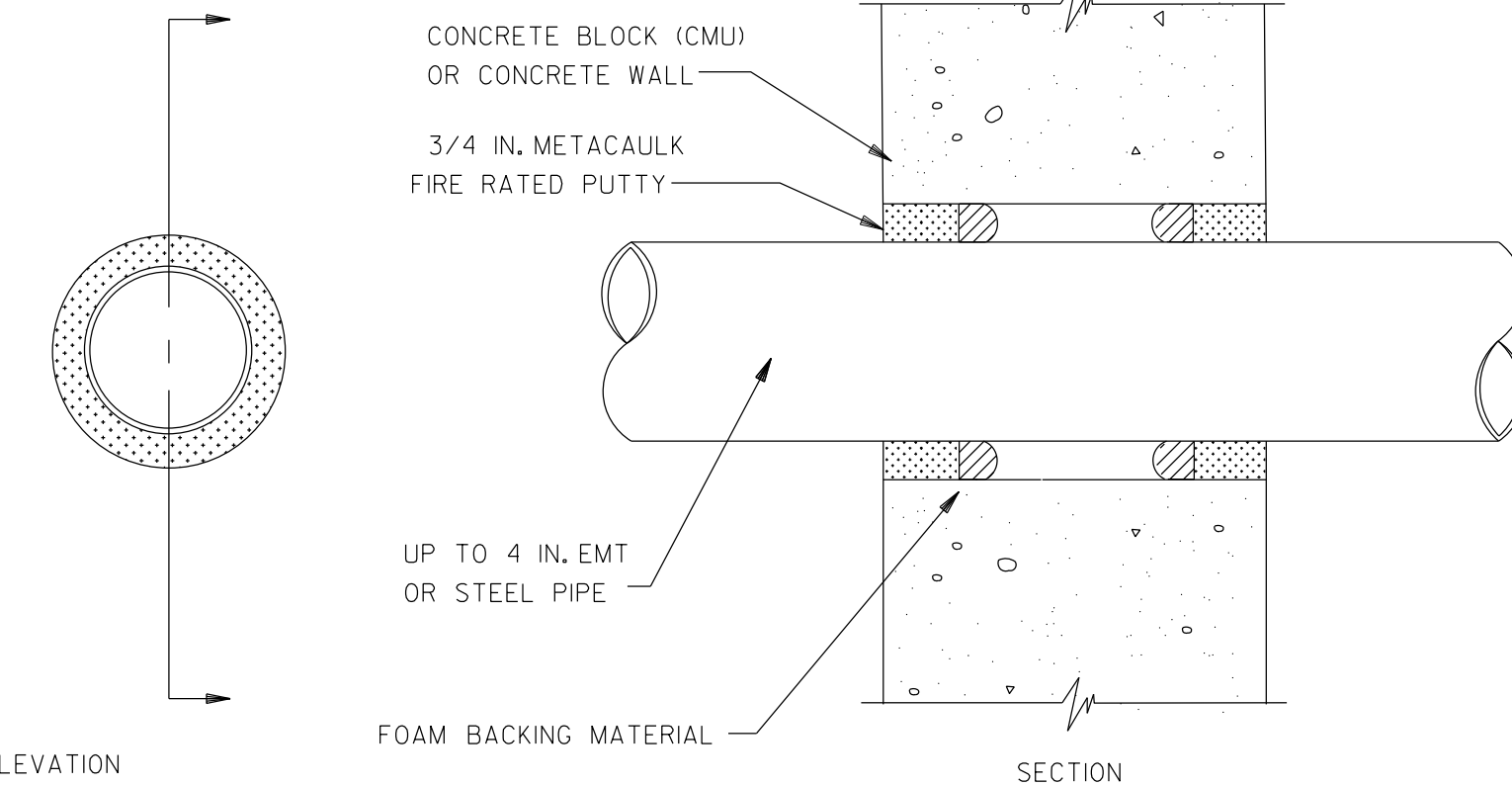
(SEE MANUFACTURERS RECOMMENDATION
FOR SCHEMATIC WHERE MULTIPLE SENSORS
OCCUR IN SAME SPACE.)



NOTE: WHERE CONDUIT IS USED AS A SLEEVE FOR ROUTING LOW VOLTAGE CABLES THROUGH A RATED
WALL, LOCATE CONDUCTORS IN CENTER OF SLEEVE AND FILL OPENING WITH FIRE RATED PUTTY
AT EACH END OF SLEEVE.

4 DETAIL - GYPSUM WALLBOARD PENETRATION

NOT TO SCALE



NOTE: WHERE CONDUIT IS USED AS A SLEEVE FOR ROUTING LOW VOLTAGE CABLES THROUGH A RATED
WALL, LOCATE CONDUCTORS IN CENTER OF SLEEVE AND FILL OPENING WITH FIRE RATED PUTTY
AT EACH END OF SLEEVE.

5 DETAIL - CONCRETE WALL PENETRATION

NOT TO SCALE

GENERAL LIGHTING NOTES: (THIS SHEET ONLY)

- THIS PLAN INDICATES AREAS TO BE CONTROLLED BY MOTION SENSORS. SINCE COVERAGES AND DEVICES VARY BETWEEN MANUFACTURERS IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE PROPER DEVICE LOCATION, ORIENTATION AND QUANTITIES WITH THE MANUFACTURER OF THE SYSTEM BEING INSTALLED TO MEET THE SPECIFIED CRITERIA.
- ALL AREA'S OF THIS PLAN REQUIRE OCCUPANCY SENSOR COVERAGE SEE LIGHTING SENSOR LEGEND E1J (TYPICAL).
- THERE ARE NO SWITCHPACKS SHOWN ON THIS PLAN. PROVIDE SWITCHPACKS AS REQUIRED WITH SENSORS. SWITCHPACKS ARE TO BE RATED AT 20A. PROVIDE ONE SWITCHPACK PER 20A LIGHTING CIRCUIT OR PER INDIVIDUAL AREA BEING CONTROLLED.
- CEILING SENSORS ARE TO BE MOUNTED AWAY FROM ANY STRONG AIRFLOW. COORDINATE LOCATION OF SENSOR WITH MECHANICAL AND LIGHTING PLANS.
- ALL SENSORS SHALL BE CEILING MOUNTED EXCEPT WHERE CEILING HEIGHTS EXCEED 15 FT.-0 IN. PROVIDE SENSOR WITH ADAPTOR PLATE FOR JUNCTION BOX MOUNTING. JUNCTION BOX SHALL BE CONCEALED ABOVE ACCESSIBLE CEILING. JUNCTION BOX SHALL BE SUPPORTED FROM STRUCTURE UTILIZING A 3/8 IN. THREADED ROD. WHERE CEILING HEIGHTS EXCEED 15 FT.-0 IN. WALL MOUNT SENSORS AT 12 FT.-0 IN.
- PROVIDE UNSWITCHED HOT CONDUCTOR TO ALL EMERGENCY AND EXIT LIGHTS.

GENERAL NOTES: (THIS SHEET ONLY)

- COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT. PRIOR TO ELECTRICAL ROUGH-IN.
- ALL FLEXIBLE CONDUIT SHALL BE METALLIC WATERPROOF.
- COORDINATE FINAL RECEPTACLE LOCATIONS WITH ARCHITECTURAL CASEWORK AND OWNER PRIOR TO ROUGH-IN. NO EXCEPTIONS.
- COORDINATE EXACT CONDUIT REQUIREMENTS FOR THERMOSTATS TO ALL AIR HANDLING UNITS. SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS. PROVIDE OUTLET BOXES AND CONDUIT TO ABOVE CEILINGS FOR ALL THERMOSTATS.
- FIRE SEAL ALL FIREWALL PENETRATIONS.

KEYED NOTES: (THIS SHEET ONLY)

- GRINDER PUMP STATION. DESIGN BASIS: 240V, 5 HP, 60A/2P BREAKER, 60A/2P LOCKABLE FUSED DISCONNECT (FUSES SIZED PER EQUIPMENT MOCPS, 3#6, #8G, 1 IN. C. VERIFY EXACT POWER REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN. COORDINATE EXACT LOCATION OF GRINDER PUMP STATION WITH OWNER/ARCHITECT PRIOR TO ANY ELECTRICAL WORK.
- LOCATE P.E. CELL FACING NORTH, CLEAR OF MAN MADE LIGHT SOURCES. J-BOX TO HOUSE P.E. CELL SHALL BE RECESSED MOUNTED WITH STAINLESS STEEL COVER.
- ROUTE 5#12, 1/2 IN. C. TO LIGHTING CONTROL TIME CLOCK FOR AUXILIARY SWITCH CONTROL INPUT.
- PROVIDE 365 DAY DIGITAL PROGRAMMABLE TYPE ELECTRONIC CONTROL TIMECLOCK WITH MINIMUM 4 CONTACTS AND MINIMUM 96 ON/OFF EVENTS PER WEEK. CONTACTS RATED FOR MINIMUM 30 AMPS AND 120 VOLTS. PROVIDE WITH NEMA TYPE I ENCLOSURE AND CAPACITOR BACKUP. PROVIDE WITH AUTO-ON-OFF FUNCTION. PROVIDE AUXILIARY INPUT FROM PHOTO CELL FOR OVERRIDE ON OR OFF CONTROL.
- ROUTE VIA 4 POLE EXTERIOR LIGHTING CONTACTOR/TIMECLOCK LOCATED IN STORAGE ROOM. PHOTO CELL SHALL CONTROL DUSK TILL DAWN OPERATION. TIMECLOCK SHALL INTERRUPT CIRCUIT DURING MIDNIGHT HOURS. SEE KEYED NOTE 4. USE #10'S ENTIRE CIRCUIT. PROVIDE MANUAL OVERRIDE SWITCH. COORDINATE FINAL LOCATION WITH OWNER.
- ELECTRIC WATER COOLER. REFER TO TYPICAL RECEPTACLE LOCATION @ WATER COOLER DETAIL, 2/E1J.
- DOG WATERING STATION. COORDINATE EXACT LOCATION OF RECEPTACLE FOR WATERING STATION WITH EQUIPMENT PROVIDER AND MANUFACTURER RECOMMENDATIONS PRIOR TO ROUGH-IN.
- MOUNT FIXTURE HORIZONTALLY ON WALL. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECTURAL PRIOR TO ROUGH-IN.

MECHANICAL EQUIPMENT POWER SCHEDULE						
UNIT NAME	VOLTAGE/ PHASE	CIRCUIT BREAKER	PANEL NAME/ CIRCUIT NUMBER	FEEDER	DISCONNECT SWITCH	NOTES
EW-1	120V	20A/1P	LA-12	2#12, #12G, 3/4 IN. C.	MOTOR RATED SWITCH	1
EW-2	120V	20A/1P	LA-14	2#12, #12G, 3/4 IN. C.	MOTOR RATED SWITCH	1
EW-3	120V	20A/1P	LA-16	2#12, #12G, 3/4 IN. C.	MOTOR RATED SWITCH	1
EF-1	120V	20A/1P	LA-10	2#12, #12G, 1/2 IN. C.	MOTOR RATED SWITCH	1,2
WH-1	240V	50A/2P	LA-2	3#6, #10G, 1 IN. C.	60A/2P	
NOTES:						
1. SEE MECHANICAL FOR EXACT CONTROL REQUIREMENTS. 2. FAN SHALL BE CONTROLLED BY A 365 DAY DIGITAL TIME CLOCK LOCATED IN STORAGE 101. TIME CLOCK SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL. COORDINATE INSTALLATION WITH MECHANICAL.						

PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO
CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS
FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

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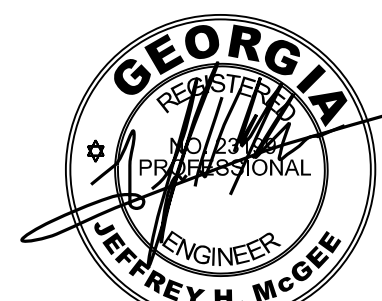
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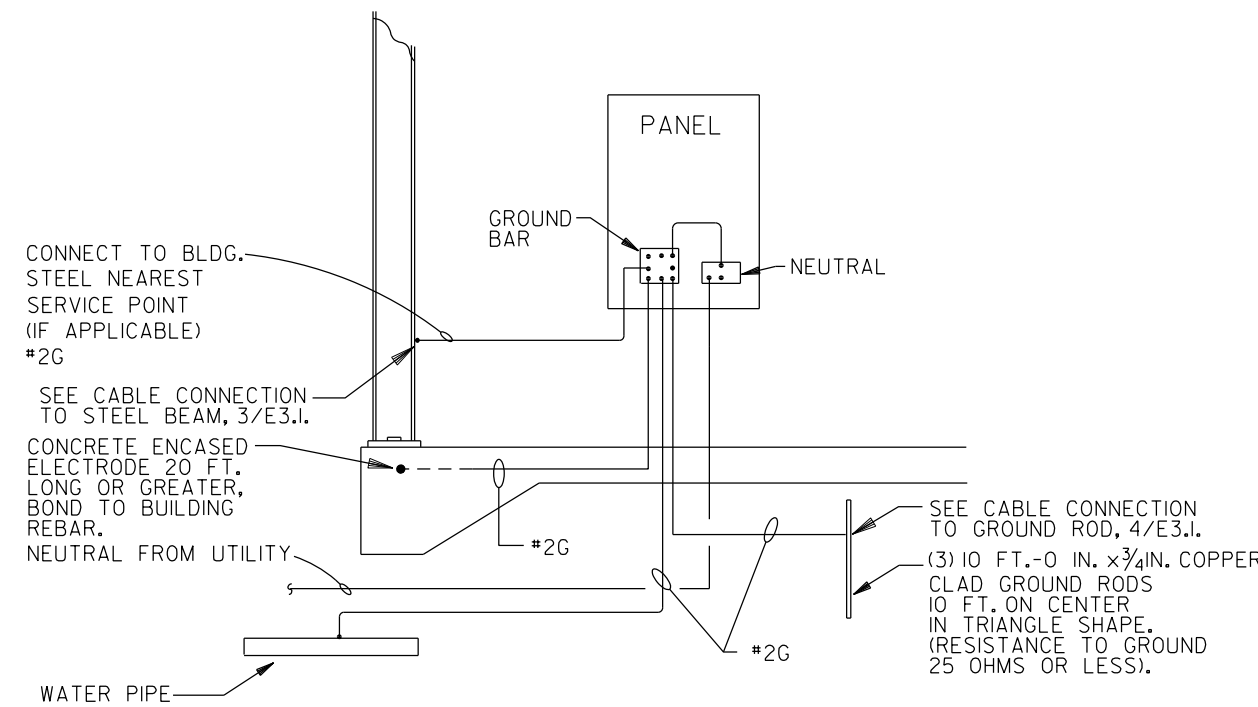
TEL: (478) 781-1833

LARGE SCALE
FLOOR PLANS -
ELECTRICAL

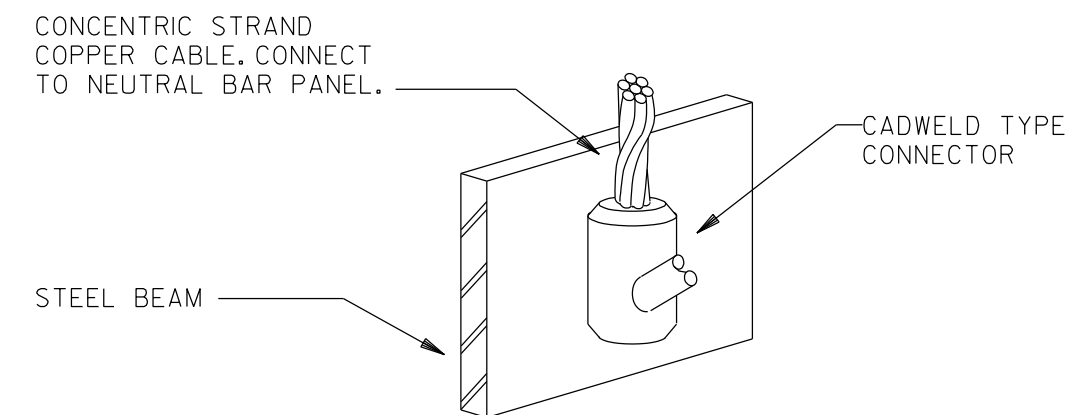
E2.1



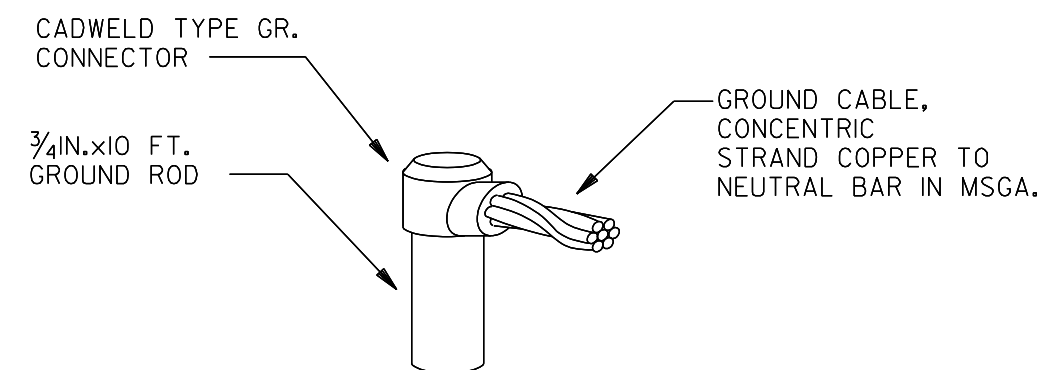
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2 SERVICE GROUNDING DETAIL
E3.I NOT TO SCALE



3 CABLE CONNECTION TO STEEL BEAM
E3.I NOT TO SCALE



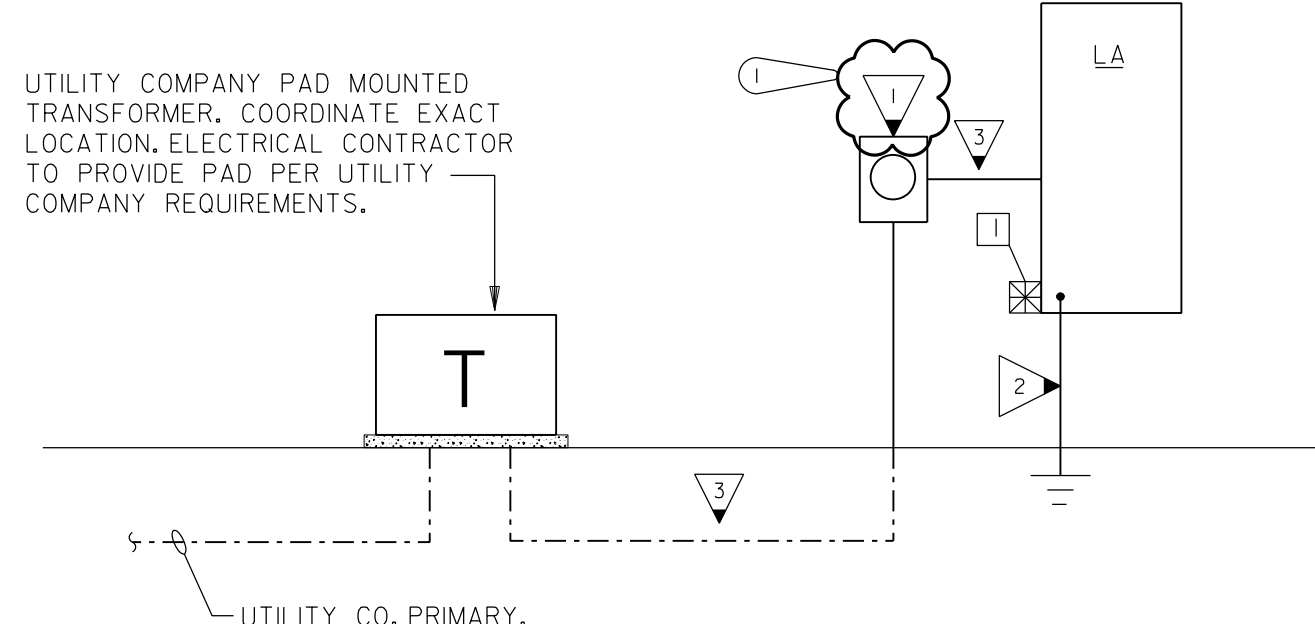
4 CABLE CONNECTION TO GROUND ROD
E3.I NOT TO SCALE

VOLTAGE PHASE 1 WIRE 3 BUS AMPS	120 240		PANEL MAIN AMPS	LA 200	LOCATION MOUNTING MAIN	STORAGE 101 SURFACE BREAKER	
	A	B				A	B
DESCRIPTION	VOLT AMPS		BRKR AMP	CTK NO	BRKR AMP	CTK NO	DESCRIPTION
STORAGE RECEPT.	600		20	1	50		WH-1
STORAGE RECEPT.		400	20	1			
STORAGE RECEPT.	400		20	1	60		GRINDER PUMP STATION
MEN RECEPT.		200	20	1			
WOMEN RECEPT.	200		20	1			
* EWC		1000	20	1			EF-1
* EWC	1000		20	1			EFH-1
* DOG FOUNTAIN		1000	20	1			EFH-2
LIGHTS	250		20	1			EFH-3
EXTERIOR LIGHTS		180	20	1			SPACE
LIGHT CONTROL	500		20	1			SPACE
SPARE			20	1			SPACE
SPARE			20	1			SPACE
SPARE			20	1			SPACE
SPARE			20	1			SPACE
SPARE			20	1			SPACE
SPARE			20	1			SPACE
TVSS			60	2			SPACE
TOTALS	2950	2780					
VOLT AMPS							
BUS A		13365					
BUS B		14640					
TOTAL		28005					

LA DEMAND CALCULATIONS			
	CONNECTED LOAD (VA)	DEMAND FACTOR	CALCULATED DEMAND (VA)
TOTAL CONNECTED LOAD (VA)	28,005		
LIGHTING	430	1.25	538
HVAC	4,500	1.00	4,500
HVAC (CONTINUOUS)	0	1.25	0
LARGEST MOTOR	6,720	1.25	8,400
MOTOR LOAD	55	1.00	55
RECEPTACLE (FIRST 10,000 VA)	1,800	1.00	1,800
RECEPTACLE (GREATER THAN 10,000 VA)	0	0.50	0
WATER HEATER	11,000	1.00	11,000
EQUIPMENT LOADS	3,500	1.00	3,500
DEMAND LOAD - VOLT-AMPERES			28,793
DEMAND LOAD - 240V 1-PHASE AMPS			124.3

SERVICE/PANEL IS SIZED/RATED FOR 200 AMPS.

- KEYED NOTES: (THIS SHEET ONLY)
- 1. METER BASE SUPPLIED AND INSTALLED BY CONTRACTOR, PROVIDE 200A, 120/240V, 1PH, FEED-THRU TYPE METER COMPATIBLE WITH CITY OF COVINGTON STANDARDS. CONTRACTOR TO PAY ALL COSTS FOR METER BASE AND SERVICE SHOWN. SEE CITY OF COVINGTON SERVICE NOTES ON THIS SHEET.
 - 2. SEE SERVICE GROUNDING DETAIL, 2/E3.I.
 - 3. 3#4/0, 2 1/2 IN. C.



1 POWER RISER DIAGRAM
E3.I NOT TO SCALE

T.V.S.S.

MAIN SERVICE PANELS, PROVIDE 5-#6 CONDUCTORS IN 1" C FROM 60A/2P BREAKER IN SUPPLYING PANEL. PROVIDE BREAKER, U.L. 1449 LISTED, 150,000 SURGE CURRENT RATING, SERVICE ENTRANCE RATED, EATON EXTERNALLY MOUNTED "SPD" SERIES OR EQUAL.

COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: New Restroom Building Central Park
Project Type: New Construction

Construction Site: 3134 Ponderosa Dr SW
Covington, GA 30014

Owner/Agent:

Designer/Contractor: Electrical Design Consultants
175 New Street
Suite 1
Macon, GA 31201

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Enhanced Interior Lighting Controls, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Restroom & Storage (Warehouse)	387	0.66	255
		Total Allowed Watts =	255

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)
1-Restroom & Storage (Warehouse)				
A. A. LINEAR VAPORTITE: LED Other Fixture Unit 40W:	1	3	39	117
B. B. VANDAL RESISTANT WALL MOUNT: LED Other Fixture Unit 50W:	1	2	54	108
		Total Proposed Watts =	225	

Interior Lighting PASSES: Design 12% 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.

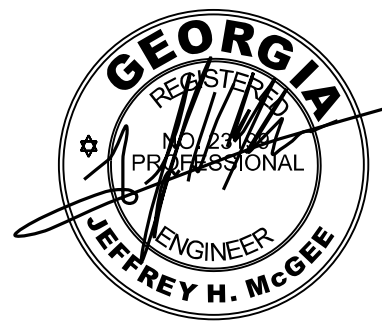
Jeffrey H. McGee, PE
Name - Title Signature Date

Project Title: New Restroom Building Central Park
Data filename: Z:\2025 CAD\M25060 Central Park Toilets\WORKING DRAWINGS\ELEC\LIGHTING\Central Park COMcheck.cck

Report date: 05/05/25

CITY OF COVINGTON SERVICE NOTES

- GRADES MUST BE WITHIN 6 INCHES OF FINAL BEFORE THE INSTALLATION OF THE SERVICE.
- CONTRACTOR PROVIDED METER BASE MUST MEET THE METER BASE SPECIFICATION REQUIREMENTS LISTED ON THE CITY OF COVINGTON WEB SITE UNDER THE "ELECTRICAL DEPARTMENT" SECTION OF THE SITE. ALL SPACING REQUIREMENTS MUST BE MET.
- CONTACT THE COVINGTON ELECTRIC DEPARTMENT FOR THE EXACT PLACEMENT OF THE METER BASE ON THE EXTERIOR STRUCTURE PRIOR TO SERVICE ROUGH-IN.
- ON CONDENSED LOTS WHERE ACCESS BETWEEN STRUCTURES IS LIMITED WITH DIGGING EQUIPMENT, THE CONTRACTOR WILL BE REQUIRED TO INSTALL A 2 1/2 IN. C. FROM THE METER BASE TO THE RIGHT OF WAY.
- NO CONSTRUCTION MATERIALS OR TRASH SHALL BE IN CONFLICT WITH THE INSTALLATION OF THE POWER SERVICE LATERAL TO THE STRUCTURE.
- OWNER/DEVELOPER TO SIGN EASEMENTS AND PAY ALL INFRASTRUCTURE RELOCATION COSTS PRIOR TO ANY WORK.
- INSTALLATION CHARGES, IF APPLICABLE, MUST BE PAID IN FULL PRIOR TO ANY WORK.
- CONTRACTOR IS REQUIRED TO INSTALL TEMPORARY POWER POLE, IF APPLICABLE. TEMPORARY POWER POLE SPECIFICATIONS ARE LISTED ON THE CITY OF COVINGTON WEBSITE UNDER THE "ELECTRICAL DEPARTMENT" SECTION OF THE SITE.
- ANY CHANGES OR ADDITIONS TO EXISTING ELECTRICAL LOADS RESULTING IN UPGRADES TO THE SERVICE AND/OR TRANSFORMER SIZE(S), WILL RESULT IN ASSOCIATED COSTS TO BE COVERED BY THE CONTRACTOR.
- IF THE PROJECT SHOULD CAUSE RELOCATION OR REMOVAL OF ANY EXISTING POWER MAIN OR SERVICE, THERE WILL BE AN ASSOCIATED COST TO BE COVERED BY THE CONTRACTOR.



NEW RESTROOM BUILDING
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RISER DIAGRAM,
SCHEDULES, AND
DETAILS
E3.I