

St. Tammany Fire Protection District No.1
NEW FIRE STATION & HEADQUARTERS BUILDING

(FIRE STATION - PROJECT NO. AR-7-001985)

FEBRUARY 23, 2017

522 Robert Blvd. Slidell
LA, 70458

COVER



REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO

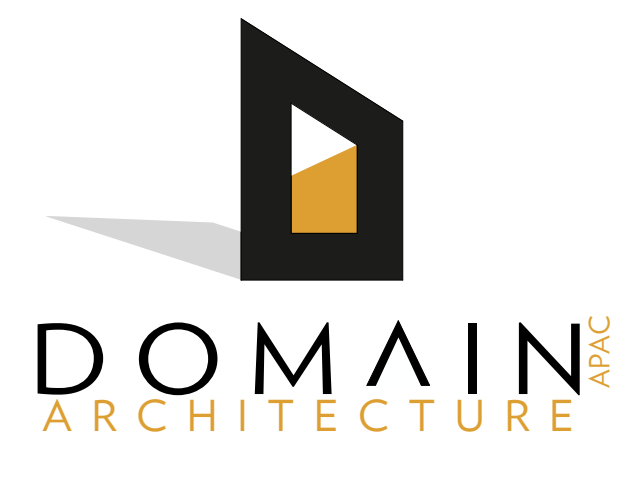
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Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

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revisions		
No.	Description	Date

PROJ. #: C16-0058
date
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sheet

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REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO
William D. Jones

GENERAL SCOPE OF WORK NOTES

- OWNER WILL BE PROVIDING ACCESS CONTROL FOR THE BUILDING AND DOORS THROUGH A SEPARATE CONTRACT. CONTRACTOR SHALL ALLOW OWNERS PROVIDED CONTRACTOR TO WORK SIMULTANEOUSLY WITHIN BUILDING TO COMPLETE THEIR WIRING AND FINISH OUT AT APPROPRIATE STAGES DURING CONSTRUCTION. A PRECONSTRUCTION MEETING WILL BE HELD PRIOR TO THE ACCESS CONTROL CONTRACTOR BEING ALLOWED ON SITE SO THAT WORK CAN BE COORDINATED.
- TESTING REFERENCED IN THE SPECIFICATIONS AND DRAWINGS FOR CONCRETE WORK AND SITE/SOIL COMPACTION SHALL BE COORDINATED WITH THE OWNERS PROVIDED TESTING AGENCY, STRUTUM ENGINEERING. FEES ASSOCIATE FOR SERVICE SHALL BE PAID FOR BY THE CONTRACTOR.
- ALL EXTERIOR STOREFRONT SYSTEMS AND GLAZING TO BE IMPACT RESISTANT.
- ALL APPLIANCES, INCLUDING GENERATORS, TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED, EXCLUDING THE HOOD AT THE FIRE STATION. CONTRACTOR TO SUPPLY HOOD IN KITCHEN 103 AT STATION; OWNER TO SUPPLY "ALL INCLUSIVE" HOOD IN BREAK 108 AT HEADQUARTERS BUILDING. CONTRACTOR TO VERIFY SIZE AND LOCATION OF CONCRETE PAD REQUIRED FOR GENERATORS LOCATED AT BOTH FIRE STATION AND HEADQUARTERS BUILDING; VERIFY MINIMUM CLEAR SPACE REQUIRED AROUND GENERATOR.
- THE DURATION OF THE PROJECT TO BE 365 CALENDAR DAYS. THE PROJECT SHALL BE A TAX EXEMPT PROJECT.
- BUILDING PERMITS SHALL BE PAID FOR BY THE CONTRACTOR.
- CONSTRUCTION SITE IS NOT REQUIRED TO BE "FENCED" BY OWNER. CONTRACTOR SHALL DETERMINE IF THEY WOULD LIKE THE SITE "FENCED".
- CLEARING OF THE SITE SHALL BE IN CONTRACT. SITE SHALL BE CLEARED WITH EXCEPTION OF 20' OFF REAR PROPERTY LINE.
- Brick selection - Brick shall be a modular, warm-grey color
 - Henry Brick - Traditional - Hartford
 - Acme - Architectural Blend (Slate)
 - Belden Brick - Landmark
 - St. Joe Brick
 - Brickcraft
 - Boral America
 - Columbus
 - Sioux City Brick
 - Forterra Brick
 - Kansas Brick

FLOOR PLAN LEGEND

	0' - 0" ELEVATION	ELEVATION DATUM HEIGHT DESIGNATION
	808-1	DOOR DESIGNATION TAG
	PT-1	FINISH / MATERIAL DESIGNATION TAG
	88	REVISION DESIGNATION TAG
	W1	WINDOW DESIGNATION TAG
	A1	WALL DESIGNATION TAG
	ROOM NAME [812]	ROOM DESIGNATION TAG
	88A12.18 SIM	DETAIL DESIGNATION TAG
	A10.11 SIM 2	INTERIOR ELEVATION DESIGNATION TAG
	A6.01 4	EXTERIOR ELEVATION DESIGNATION TAG
	A10.12 SIM	BUILDING / WALL / DETAIL SECTION DESIGNATION TAG

CEILING PLAN LEGEND

	CEILING TYPE	
	9' - 0" PT-1	CEILING HEIGHT ABOVE FINISH FLOOR
	CEILING FINISH	
	ROOM NAME [812]	ROOM DESIGNATION TAG
	PENDANT LIGHT	PENDANT LIGHT
	CEILING FAN	EXIT SIGN
	2X4 TROFFER LIGHT	2X2 TROFFER LIGHT
	LINEAR SURFACE MOUNT FLOURECENT	
	WALL MOUNT FLOURECENT	
	6" RECESSED CAN LIGHT	
	RECESSED CAN FOR WET LOCATION	
	EXTERIOR RECESSED CAN	
	UNDER COUNTER LIGHT	
	ACCENT LIGHT	
	LINEAR PENDANT	

CEILING PLAN LEGEND

NOTE: REFER TO FINISH LEGEND & SCHEDULE FOR FURTHER INFORMATION

A		PAINTED GYPSUM BOARD "MOISTURE RESISTANT @ SHOWER/BATH/TOILET/LAV"
B		2 X 2 SUSPENDED ACOUSTICAL TILE CEILING "MOISTURE RESISTANT @ SHOWER/BATH/TOILET/LAV"
C		PORTLAND CEMENT PLASTER SYSTEM
D		PREFINISHED METAL CANOPY SYSTEM

FINISH PLAN LEGEND

	ROOM NAME [812]	ROOM DESIGNATION TAG
	PT-1	FINISH / MATERIAL DESIGNATION TAG
NOTE: REFER TO FINISH LEGEND & SCHEDULE FOR FURTHER INFORMATION		
FINISH FLOOR TYPES		
CPT-1		CARPET
TL-1		CERAMIC TILE
LVT-1		LUXURY VINYL TILE
EPOX-1		POURED EPOXY
EPOX-2		POURED EPOXY
CON-1		CONCRETE

LIFE SAFETY LEGEND

	DOOR	NUMBER OF OCCUPANTS ALONG PATH OF EGRESS
	75	50
	25	
	75 50	DIRECTION OF EGRESS OCCUPANT LOAD
	72 REQUIRED 888 PROVIDED	NUMBER OF OCCUPANTS EXITING MAX. NUMBER OF OCCUPANTS ALLOWED
	STAIR	NUMBER OF OCCUPANTS EXITING MAX. NUMBER OF OCCUPANTS ALLOWED
	72 REQUIRED 888 PROVIDED	
	90	REQUIRED OPENING RATING (min.)
	EXIT SIGN (DIRECTION & ILLUMINATION SIDE)	
	FE-1	FIRE EXTINGUISHER: SEMI-RECESSED CABINET
	FE-2	FIRE EXTINGUISHER: SURFACE MOUNTED CABINET
	FE-3	FIRE EXTINGUISHER: FULLY RECESSED CABINET
	FE-4	FIRE EXTINGUISHER: SURFACE MOUNTED BRACKET
	FE-5	FIRE EXTINGUISHER: UNDER COUNTER WITH BRACKET
	SMOKE PARTITION	
	1 - HOUR RATED WALL	
	2 - HOUR RATED WALL	
	3 - HOUR RATED WALL	
	4 - HOUR RATED WALL	



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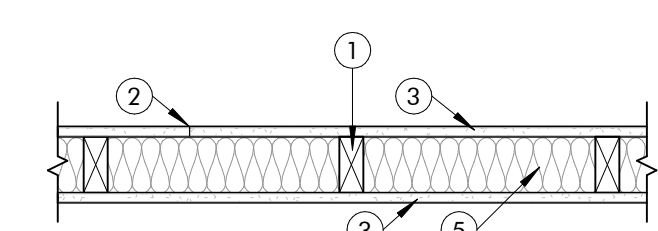
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No.	Description	Date	revisions

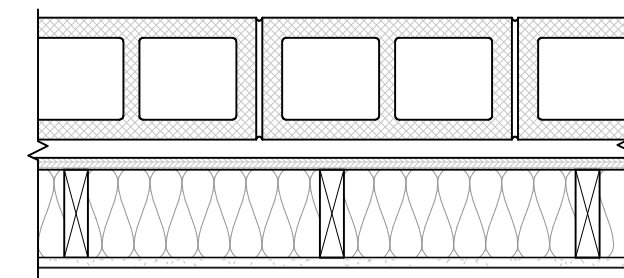
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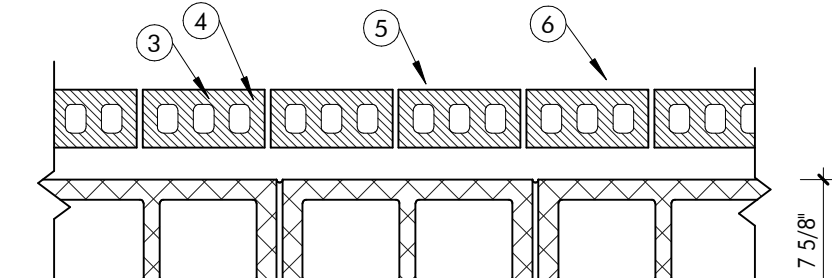
UL DESIGN NO. U305
BEARING WALL RATINGS — 1HR
FINISH RATING - SEE ITEM 2
STC RATING - 56 (SEE ITEM 8)

- Wood Studs**— Nom 2 by 4 in. spaced 16" OC, effectively firestopped.
- Joints and Nailheads** — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.
- Gypsum Board** — 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally.
- Steel Corner Fasteners** — (Optional) — For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the gypsum board, no greater than 2 in. from corner of gypsum board, max spacing 16 in. OC. Nailed to adjacent stud through tab using one No. 6d cement coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement coated nails.
- Batts and Blankets*** — (Optional — Required when Item 6A is used [RC-1]) — Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities. When Item 6A is used, glass fiber or mineral wool insulation shall be friction-fitted to completely fill the stud cavities.
- Steel Frame Members** — (Optional, Not Shown) Furring channels and Steel Framing Members
- Furring Channel** — Optional — Not Shown — For use on one side of the wall - Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips head steel screws. When resilient channels are used, insulation, Items 5C or 5D is required.
- Caulking and Sealants** — (Not Shown, Optional) — A bead of acoustical sealant applied around the partition perimeter for sound control.
- STC Rating** — The STC Rating of the wall assembly is 56 when it is constructed as described by Items 1 through 6, except:
 - Item 2, above — Nailheads shall be covered with joint compound.
 - Item 2, above — Joints As described, shall be covered with fiber tape and joint compound.
 - Item 5, above — Batts and Blankets* The cavities formed by the studs shall be friction fit with R-19 unfaced fiberglass insulation batts measuring 6-1/4 in. thick and 15-1/4 in. wide.
 - Item 6, above — Steel Framing Members* Type RSIC-1 clips shall be used to attach gypsum board to studs on either side of the wall assembly.
 - Item 8, above — Caulking and Sealants (Not Shown) A bead of acoustical sealant shall be applied around the partition perimeter for sound control.
 - Steel Corner Fasteners (Item 4), Fiber, Sprayed (Items 5A and 5B) and Steel Framing Members (Item 6A), not evaluated or intended as alternatives for obtaining STC rating.



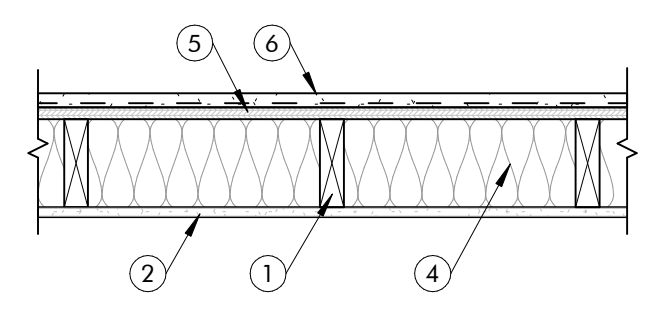
UL DESIGN NO. U914
Bearing Wall Rating — 3 HR.
Nonbearing Wall Rating — 3 HR.

- Concrete Blocks*** — Various designs. Classification D-2 (2 hr). See Concrete Blocks category for list of eligible manufacturers.
- Mortar** — Blocks laid in full bed of mortar, nom 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement vol). Vertical joints staggered.
- Furring Channels** — Min 0.019 in. thick (25 gauge) galv steel, 1-3/8 in. wide on top and 2-9/16 in. or 2-3/4 in. or 2-23/32 in. wide at bottom by 7/8 in. deep. Spaced 24 in. OC perpendicular to floor with a channel parallel to and approximately 3 in. above floor and 3 in. below ceiling. Clearance between vertical and horizontal channels 1/2 in.
- Channel Fasteners** — 1-1/4 in. long masonry screws with 3/16 in. body and 5/16 in. diameter head. Fasteners spaced 24 in. O.C. with the fasteners staggered on each long leg of the furring channel.
- Steel Framing Members*** — Alternate method used to attach furring channels (Item 3) to concrete blocks (Item 1). Clips spaced 48 in. OC, and secured to blocks with 1/4 in. dia. By 3 in. long concrete expansion anchor (Item 4B) through the center grommet. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels. PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).
- Concrete Expansion Anchor** — (Not Shown) — 1/4 in. dia. by 3 in. long carbon steel, pre-assembled, nail drive expansion anchor with mushroom head driven into the web of the concrete block. Min. embedment in concrete block of 1-3/8 in. and evaluated in accordance with ASTM E 488 to have ultimate load capacities of 980 lbs (tension) and 1400 lbs (shear) when used in 2000 psi concrete.
- Steel Framing Members*** — (Not Shown) — Alternate method used to attach furring channels (Item 3) to concrete blocks (Item 1). Clips spaced 24 in. OC, and secured to blocks with 1/4 in. dia. by 3 in. long concrete expansion anchor (Item 4B) through the center hole. Ends of adjoining channels are overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Furring channels are friction fitted into clips. Side joint furring channels shall be attached to concrete block with RESILIMOUNT Sound Isolation Clips - Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards of side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge. STUDDO BUILDING SYSTEMS — RESILIMOUNT Sound Isolation Clips - Type A237R
- Gypsum Board*** — 1-1/2 in. thick, 4 ft wide, secured to furring channels with wallboard fasteners (Item 6). Gypsum plaster not more than 1/16 in. thick may be applied to wallboard in addition to joint treatment.
- Wallboard Fasteners** — 1 in. long, self-drilling, self-tapping steel screws with bugle heads. Fasteners attached to each furring channel and spaced 8 in. OC at butt joints and 12 in. OC in the field of the board parallel with furring channels. Clearance between fasteners and edges of wallboard 3/4 in.
- Joint System** — (Not shown) — Paper tape embedded in cementitious compound over joints. Paper tape and exposed screw heads covered with two layers of compound. Edges of compound feathered out.



UL DESIGN NO. U902
Bearing Wall Rating — 2 HR.
Nonbearing Wall Rating — 2 HR.

- Clay Face Brick** — 3-5/8 in. wide by 2-1/4 in. high by 8 in. long.
- Concrete Blocks*** — Various designs, Classification D-2 (2 h). See Concrete Blocks category for list of eligible manufacturers.
- Brick Tie** — 3/4 in. wide, 7 in. long corrugated 26 MSG galv steel. Spaced one to each brick in every second course of blocks.
- Mortar** — Bricks and blocks laid in full bed of mortar nom. 3/8 in. thick of not less than 2-1/4 and not more than 3-1/2 parts clean sharp sand to 1 part Portland cement (proportioned by vol) and not more than 50 percent hydrated lime (by cement vol). Vertical joints staggered.
- Reinforcement** — Parallel and diagonal rods, 0.150 in. min diam with welded joints a max 16 in. OC. Placed the width of concrete block wall in every second course of blocks alternately with brick ties.
- Masonry Reinforcement** — Prefabricated steel reinforcement, truss or ladder type, used for embedment in every second horizontal mortar joint. Placed the full width of wall assembly. Side and cross rods No. 9 (0.150 in.) min diam with welded joints a max 16 in. OC.
- Concrete Blocks*** — Various designs Classification D-2 (2 h). See Concrete Blocks category for list of eligible manufacturers.
- Foamed Plastic*** — (Optional — Not shown with clay face brick detail) Rigid polystyrene insulation for use between brick and/or concrete blocks. One or more layers of rigid extruded polystyrene insulation, 4 in. thick max having 1 in. min air space with face brick or blocks.
- Foamed Plastic*** — (Optional-Not shown with clay face brick detail), Rigid polyisocyanurate insulation for use between brick and/or concrete blocks. One or more layers of rigid extruded polystyrene insulation, 4 in. thick max having 1 in. min air space with face brick or blocks.
- Foamed Plastic*** — (Optional-Not shown with clay face brick detail), Two-component foamed plastic formed from NCFI 11-001, NCFI 11-002, NCFI 11-015, NCFI 11-016 or NCFI11-017 spray applied between brick and/or concrete blocks at a nominal density of 2.1 pcf, 4 in. thick max, having a 1 in. min air space with face brick or blocks.
- Foamed Plastic*** — (Optional-Not shown with clay face brick detail), Spray applied, foamed plastic insulation spray applied between brick and/or concrete blocks, having a 1 in. min air space with face brick or blocks.
- Building Unit*** — (Optional-Not shown with clay face brick detail), Rigid polyisocyanurate composite insulation for use between brick and/or concrete blocks.
- Wall and Partition Facing and Accessories** — (Not Shown) Installed in accordance with the manufacturers installation instructions. Min. 0.25 in. (6 mm) thick panel fastened to the exterior surface.

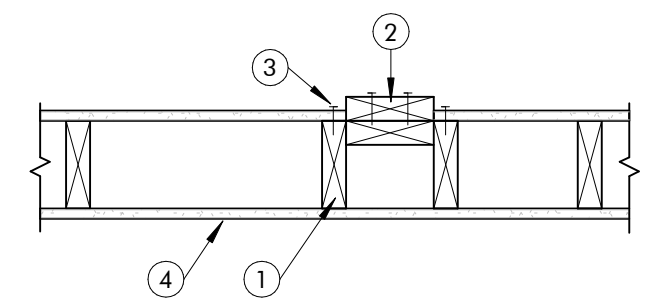


UL DESIGN NO. U356
(EXPOSED TO FIRE ON INTERIOR FACE ONLY)
BEARING WALL RATING - 1 HR
FINISH RATING - 23 MIN.

- Wood Studs** — Nom 2 by 4 in. spaced 16 in. OC with two 2 by 4 in. top and one 2 by 4 in. bottom plates. Studs laterally braced by wood structural panel sheathing (Item 5). When Mineral and Fiber Boards* (Item 5A) are considered as bracing for the studs, the load is restricted to 76% of allowable axial load. Walls effectively fire stopped at top and bottom of wall.
- Gypsum Board*** — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305. Nom 5/8 in. thick, 4 ft wide, applied vertically and nailed to studs and bearing plates 7 in. OC with 6d cement-coated nails, 1-7/8 in. long with 1/4 in. diam head.

When Item 7, Steel Framing Members*, is used, gypsum panels attached to furring channels with 1 in. long Type 5 bugle-head steel screws spaced 12 in. OC.

When Item 7A, 7B, or 7C Steel Framing Members*, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type 5 bugle-head steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base layers.
- Joints and Fastener Heads** — (Not Shown) — Gypsum board joints covered with tape and joint compound. Fastener heads covered with joint compound.
- Batts and Blankets*** — Mineral fiber or glass fiber insulation, 3-1/2 in. thick, pressure fit to fill wall cavities between studs and plates. Mineral fiber insulation to be unfaced and to have a min density of 3 pcf. Glass fiber insulation to be faced with aluminum foil or kraft paper and to have a min density of 0.9 pcf (min R-13 thermal insulation rating). See Batts and Blankets* (BKNV) Category in the Building Materials Directory and Batts and Blankets* (BZ1Z) Category in the Fire Resistance Directory for names of Classified Composites.
- Wood Structural Panel Sheathing** — Min 7/16 in. thick, 4 ft wide wood structural panels, min grade "C-D" or "Sheathing". Installed with long dimension of sheet (strength axis) or face grain of plywood parallel with or perpendicular to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 6d cement coated box nails spaced 6 in. OC at perimeter of panels and 12 in. OC along interior studs.
- Mineral and Fiber Boards*** — As an alternate to Item 5 - Min 1/2 in. thick, 4 ft wide sheathing, installed vertically to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 4 in. wood blocking. Attached to studs on exterior side of wall with 1-1/2 in. long galvanized roofing nails spaced 6 in. OC at perimeter of panels and 12 in. OC along interior studs. As an option a weather resistive barrier may be applied over the Mineral and Fiber Boards.
- Exterior Facings** — Installed in accordance with the manufacturer's installation instructions. One of the following exterior facings is to be applied over the sheathing:
 - Vinyl Siding — Molded Plastic* — Contoured rigid vinyl siding having a flame spread value of 20 or less. See Molded Plastic (BTAT) category in the Building Materials Directory for names of manufacturers.
 - Particle Board Siding — Hardboard exterior sidings including patterned panel or lap siding.
 - Wood Structural Panel or Lap Siding — APA Rated Siding, Exterior, plywood, OSB or composite panels with veneer faces and structural wood core, per PS 1 or APA Standard PRP-108, including textured, rough sawn, medium density overlay, brushed, grooved and lap siding.
 - Cementitious Stucco — Portland cement or synthetic stucco systems with self-furring metal lath or adhesive base coat. Thickness from 3/8 to 3/4 in., depending on system.
 - Brick Veneer — Any type on nom 4 in. wide brick veneer. When brick veneer is used, the rating is applicable with exposure on either face. Brick veneer fastened with corrugated metal wall ties attached over sheathing to wood studs with 8d nail per tie; ties spaced not more than each sixth course of brick and max 32 in. OC horizontally. One in. air space provided between brick veneer and sheathing.
 - Exterior Insulation and Finish System (EIFS) — Nom 1 in. Foamed Plastic* insulation bearing the UL Classification Marking, attached over sheathing and finished with coating system, or Portland cement or synthetic stucco systems, in accordance with manufacturer's instructions. See Foamed Plastic (BRXV and CCWV) categories for names of Classified companies.
 - Siding — Aluminum or steel siding attached over sheathing to studs.
 - Fiber-Cement Siding — Fiber-cement exterior sidings including smooth and patterned panel or lap siding.
- Wall and Partition Facings and Accessories* — Stone veneer is mortar bonded to a lath, scratch coat and water resistant barrier applied to sheathing, installed in accordance with the manufacturers installation instructions, and meeting the requirements of local code agencies.



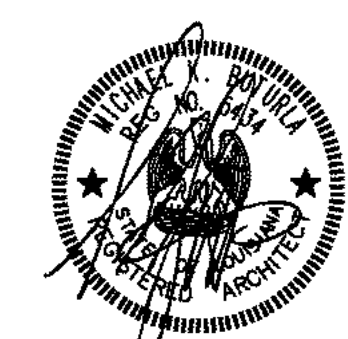
UL DESIGN NO. U379
BEARING WALL RATINGS — 1HR

- Wood Studs**— Nom 2 by 4 in. spaced 16" OC, effectively firestopped.
- Non-Bearing Wall Partition Intersection** — Minimum nominal 2 by 4 in. studs nailed together and fastened to one side of the minimum 2 by 6 in. stud. Intersection between 2 by 4 in. studs to be flush with 2 by 6 in. stud. 2 by 4 in. double stud framed with a second 2 by 6 in. stud. Maximum one non-bearing intersection per stud cavity. Non-bearing wall partition stud depth shall be at least equal to the depth of the bearing wall.
- Fasteners** — (For non-bearing wall intersection) Nom. 2 by 4 in. studs nailed together with two 3 in. long, 10d nails spaced 16 in. OC vertically. Nom. 2 by 4 in. studs nailed to 2 by 6 in. studs with 3 in. long, 10d nails spaced 16 in. OC vertically.
- Gypsum Board*** — 5/8 in. thick paper, glass mat or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. When used in widths other than 48 in., gypsum panels are to be installed horizontally. Gypsum panels nailed 7 in. OC with 6d nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. As an alternate to nails, gypsum panels may be fastened to studs with 1-5/8 in. long wallboard screws spaced 8 in. OC max, with last screw 1 in. from edge of board.
- Joint Compound** — (Not Shown) Joints covered with one layer of tape and two coats of joint compound. Fastener heads covered with two coats of joint compound.
- Batts and Blankets*** — (Optional, Not Shown) Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities.

- Steel Framing Members*** — (Optional, Not Shown) — Furring Channels and Steel Framing Members as described below:
 - Furring Channels — Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 2.
 - Steel Framing Members* — Used to attach furring channels (Item 7A) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels. PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).
- Non-Bearing Wall Partition Intersection** — (Optional) — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3 in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO

William D. Jones



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Scales stated herein are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

St. Tammany Fire Protection District No. 1

NEW FIRE STATION & HEADQUARTERS BUILDING

522 Robert Blvd., Slidell LA, 70458

mep engineer:
CRUMB ENGINEERING LLC
4609 FAIRFIELD STREET
METAIRIE, LA 70006
504.455.4450

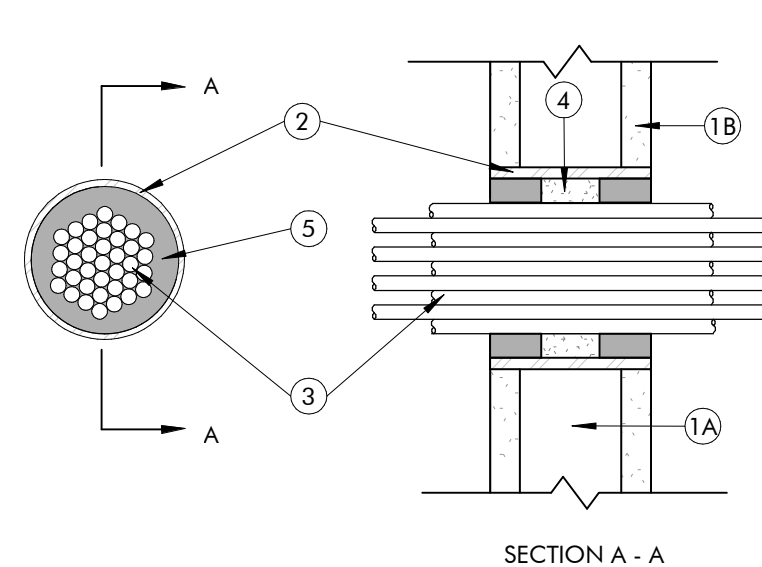
landscape, civil, and structural engineer:
KYLE ASSOCIATES LLC
638 VILLAGE LANE NORTH
MANDEVILLE, LA 70471
985.727.9377

revisions	
No.	Description

PROJ. #: C16-0058
date
FEBRUARY 23, 2017
sheet

LS1.02

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO
William D. Jones



UL SYSTEM No. W-L-3046

ANSI/UL1479 (ASTM E814)

F Rating -- 1 Hr
T Rating -- 1/2 Hr

1. Wall Assembly — The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC.

B. Gypsum Board* — One layer of 5/8 in. (16 mm) thick gypsum wallboard, as specified in the individual Wall and Partition Design. Max diam of opening is 6 in. (152 mm).

2. Metallic Sleeve — Nom 6 in. (152 mm) diam (or smaller) Schedule 40 (or thinner) steel pipe cast into wall assembly with joint compound and installed flush with wall surface.

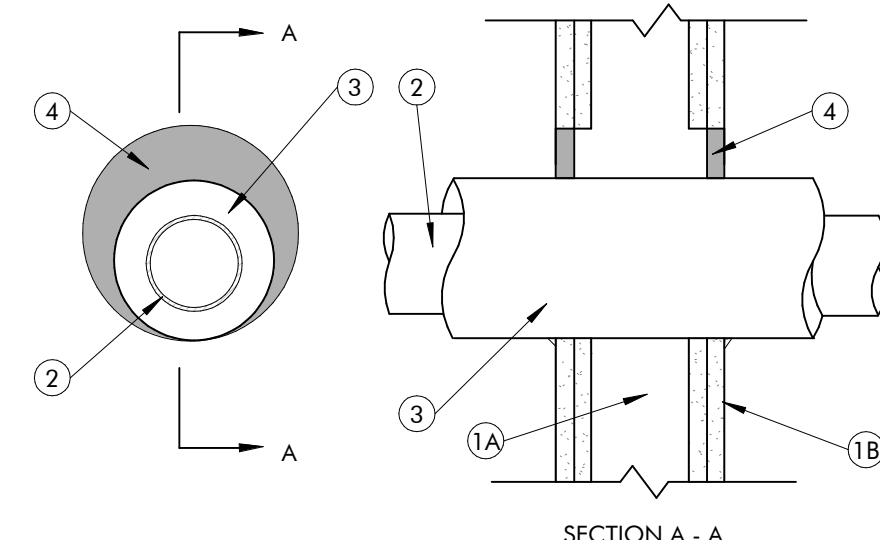
3. Cables — Max 7/C No. 12 AWG cables with polyvinyl chloride jacket and insulation. Aggregate cross-sectional area of tightly bundled cable group to be 33 percent of the aggregate cross-sectional area of the opening. Cables to be rigidly supported on both sides of wall assembly.

4. Packing Material — Min 2-3/4 in. (70 mm) thickness of min 4.0 (64 kg/m³) pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material.

5. Fill, Void or Cavity Material* — Sealant — Min 1 in. (25 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-One Sealant or FS-ONE MAX Intumescent Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



UL SYSTEM No. W-L-5017

F Rating - 1 and 2 Hr (See Item 1)

FT Rating - 1 Hr

FH Ratings - 1 and 2 Hr (See Item 1)

FTH Rating - 1 Hr

1. Wall Assembly — The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 51 mm by 102 mm (2 by 4 in.) lumber spaced 406 mm (16 in.) OC. Steel studs to be min 92 mm (3-5/8 in.) wide and spaced max 610 mm (24 in.) OC.

B. Gypsum Board* — Thickness, type, number of layers and fasteners as specified in the individual Wall and Partition Design. Max diam of opening is 305 mm (12 in.).

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through Penetrant — One metallic pipe or tube to be installed eccentrically or concentrically within the firestop system. Pipe or tube to be rigidly supported on both sides of the wall assembly. The following types and sizes of metallic pipes and tubes may be used:

A. Steel Pipe — Nom 152 mm (6 in.) diam (or smaller) Schedule 5 (or heavier) steel pipe.

B. Iron Pipe — Nom 152 mm (6 in.) diam (or smaller) cast or ductile iron pipe.

C. Copper Pipe — Nom 102 mm (4 in.) diam (or smaller) Regular (or heavier) copper pipe.

D. Copper Tube — Nom 102 mm (4 in.) diam (or smaller) Type L (or heavier) copper tube.

3. Pipe Coverings — One of the following types of pipe coverings shall be used:

A. Pipe and Equipment Covering Materials* — Nom 51 mm (2 in.) thick hollow cylindrical heavy density (min 56 kg/m³ or 3.5 pcf) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints secured with metal fasteners or built tape supplied with the product. The annular space between the insulated through penetrant and periphery opening shall be min 0 mm (0 in., point contact) to max 38 mm (1-1/2 in.).

See **Pipe and Equipment Covering Materials (BRGU)** category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

B. Pipe Covering Materials* — Nom 51 mm (2 in.) thick unfaced mineral fiber pipe insulation sized to the outside diam of pipe or tube. Pipe insulation secured with min No. 8 AWG steel wire spaced max 305 mm (12 in.) OC. The annular space between the insulated through penetrant and periphery opening shall be min 0 mm (0 in., point contact) to max 38 mm (1-1/2 in.).

IIG MINWOOL L L C — High Temperature Pipe Insulation 1200, High Temperature Pipe Insulation BWT or High Temperature Pipe Insulation Thermaloc.

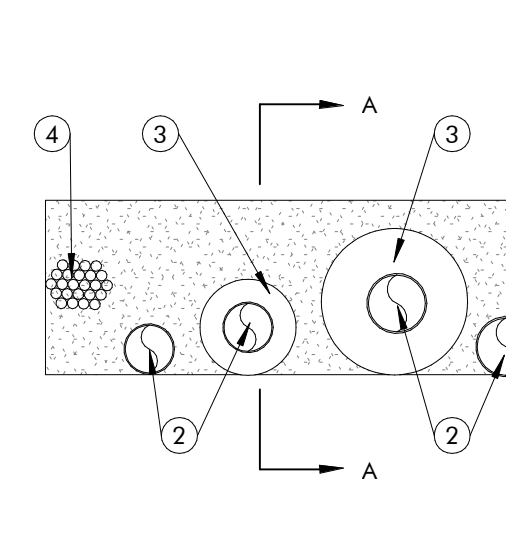
C. Sheathing Material* — Used in conjunction with Item 3B. Foil-scrim-kraft or all service jacket material shall be wrapped around the outer circumference of the pipe insulation (Item 3B) with the kraft side exposed. Longitudinal joints and transverse joints sealed with metal fasteners or built tape.

See **Sheathing Materials (BVDV)** category in the Building Materials Directory for names of manufacturers. Any sheathing material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

4. Fill, Void or Cavity Material* — Sealant — Min 16 mm (5/8 in.) thickness of fill material applied within annulus, flush with both surfaces of wall assembly. At point contact location, min 6 mm (1/4 in.) diam bead of fill material applied of insulated metallic pipe/gypsum board interface on both surfaces of wall.

SPECIFIED TECHNOLOGIES INC — SpecSeal LCI Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



UL SYSTEM No. W-L-8065

ANSI/UL1479 (ASTM E814)

F Rating -- 1 and 2 Hr (See Item 1)

T-Rating -- 0

System tested with a pressure differential of 2.5 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. Wall Assembly — The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs — Wall framing may consist of either wood studs or channel shaped steel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced max 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. Additional framing members shall be installed in stud cavity containing through-penetrating item to form a rectangular box around the penetrants.

B. Gypsum Board* — 5/8 in. (16 mm) thick with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300, U400 or V400 Wall and Partition Design. If the through penetrants are installed in a wood stud/gypsum board assembly, the max area of opening is 116 in.2 (748 cm²), with max dimension of 14-1/2 in. (368 mm). If the through penetrants are installed in a steel stud/gypsum board assembly, max area of opening is 182 in.2 (1174 cm²) with max dimension of 22-3/4 in. (578 mm) wide.

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through-Penetrant — One or more pipes, conduit or tubes to be installed within the opening. The total number of through-penetrants is dependent on the size of the opening and the types and sizes of the penetrants. Any combination of the penetrants described below may be used provided that the following parameters relative to the annular spaces and the spacing between the through penetrants are maintained. The separation between the penetrants shall be min 1 in. (25 mm) to max 22 in. (560 mm). The annular space between penetrants and the periphery of opening shall be min 0 in. (0 mm, point contact) to max 22 in. (560 mm). Pipes, conduit or tubes to be rigidly supported on both sides of wall assembly. The following types and sizes of pipes, conduit or tubes may be used:

A. Copper Tubing — Nom 3 in. (76 mm) diam (or smaller) Type L (or heavier) copper tube.

B. Copper Pipe — Nom 3 in. (76 mm) diam (or smaller) Regular (or heavier) copper pipe.

C. Steel Pipe — Nom 3 in. (76 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

D. Iron Pipe — Nom 3 in. (76 mm) diam (or smaller) cast or ductile iron pipe.

E. Conduit — Nom 3 in. (76 mm) diam (or smaller) electric metallic tubing (EMT) or rigid steel conduit.

F. Polyvinyl Chloride (PVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste, or vent) piping systems.

G. Chlorinated Polyvinyl Chloride (CPVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.

H. Rigid Nonmetallic Conduit (RNC)+ — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 PVC conduit installed in accordance with Articles 347 and 710 of the National Electrical Code (NEPA No. 70).

I. Cross Linked Polyethylene Tubing — Nom 1 in. (25 mm) diam (or smaller) cross-linked polyethylene tubing for use in closed (process or supply) piping systems.

3. Pipe Insulation — One or more metallic penetrants (pipe or tubing) may be insulated with the following types of pipe coverings:

A. Pipe Covering* — Min 1 in. (25 mm) to max 2 in. (51 mm) thick hollow cylindrical heavy density min 3.5 pcf (56 kg/m³) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints secured with metal fasteners or with built tape supplied with the product.

See **Pipe and Equipment Covering - Materials (BRGU)** category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

B. Tube Insulation-Plastics+ — Min 1/2 in. (13 mm) to max 3/4 in. (19 mm) thick acrylonitrile butadiene/polyvinyl chloride (AB/PVC) flexible foam furnished in the form of tubing.

See **Plastics+ (QMFZ2)** category in the Plastics Recognized Component Directory for names of manufacturers. Any Recognized Component tube insulation material meeting the above specifications and having a UL 94 Flammability Classification of 94-5VA may be used.

C. Pipe Covering Materials* — Min 1 in. (25 mm) to max 2 in. (51 mm) thick unfaced mineral fiber pipe insulation having a nom density of 3.5 pcf (56 kg/m³) or heavier and sized to fit the outside diam of pipe or tube. Pipe insulation secured with min 18 SWG steel wire spaced 12 in. (305 mm) OC.

IIG MINWOOL L L C — High Temperature Pipe Insulation 1200, High Temperature Pipe Insulation BWT and High Temperature Pipe Insulation Thermaloc.

C1. Sheathing Material — (Not shown) — Optional, used in conjunction with Item 3C. Foil-scrim-kraft or all service jacket material shall be wrapped around the outer circumference of the pipe covering material (Item 3B) with the kraft side exposed. Longitudinal joints sealed with metal fasteners.

See **Sheathing Materials (BVDV)** category in the Building Materials Directory for names of manufacturers. Any sheathing material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread value of 25 or less and a Smoke Developed value of 50 or less may be used.

The annular space between the insulated penetrants and the periphery of the opening shall be min 0 in. (0 mm, point contact) to max 5 in. (127 mm). The separation between the insulated penetrants and the other penetrants shall be a min 1 in. (25 mm) to max 22 in. (560 mm).

4. Cables — One max 3 in. (76 mm) diam bundle of cables installed within the opening and rigidly supported on both surfaces of wall. The annular space between the tightly-bundled cables and the periphery of the opening shall be min 0 in. (0 mm, point contact) to max 5 in. (127 mm). The separation between the cable bundle and the other penetrants shall be min 1 in. (25 mm) to max 22 in. (560 mm). Any combination of the following types and sizes of cables may be used:

A. Max 25 pair No. 24 AWG telephone cable with polyvinyl chloride (PVC) insulation and jacket.

B. Max 7/C No. 12 AWG copper conductor power and control cable with PVC or cross-linked polyethylene (XLPE) insulation and PVC jacket.

C. Multiple fiber optical communication cable jacketed with PVC and having a max outside diam of 1/2 in. (13 mm).

D. Max 3/C No. 8 AWG with bare aluminum ground, PVC insulated steel Metal-Clad+ Cable currently Classified under the **Through Penetrating Product*** (XHLV) category.

E. Max 3/C (with ground) No. 12 AWG (or smaller) nonmetallic sheathed (Romex) cable with PVC insulation and jacket materials.

F. RG/U coaxial cable with polyethylene (PE) insulation and polyvinyl chloride (PVC) jacket having a max outside diam of 1/2 in. (13 mm).

5. Firestop System -- the firestop system shall consist of the following:

A. Packing Material — In 2 hr fire rated wall assemblies, min 4-3/4 in. (121 mm) thickness of min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form. In 1 hr fire rated wall assemblies, min 3-1/2 in. (89 mm) thickness of min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material recessed from both surfaces of the wall to accommodate the required thickness of fill material.

B. Fill, Void or Cavity Material* — Sealant — Min 5/8 in. (16 mm) thickness of fill material applied within annulus, flush with both surfaces of wall. At the point contact location between through penetrants and gypsum board, a min 1/4 in. (6 mm) diam bead of fill material shall be applied at the gypsum board/through penetrant interface on both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

+ Bearing the UL Listing Mark

Bearing the UL Recognized Component Mark

BUILDING CODE: INTERNATIONAL BUILDING CODE, 2012 EDITION
 LIFE SAFETY CODE: NFPA 100, 2012 EDITION
 OTHER CODES: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

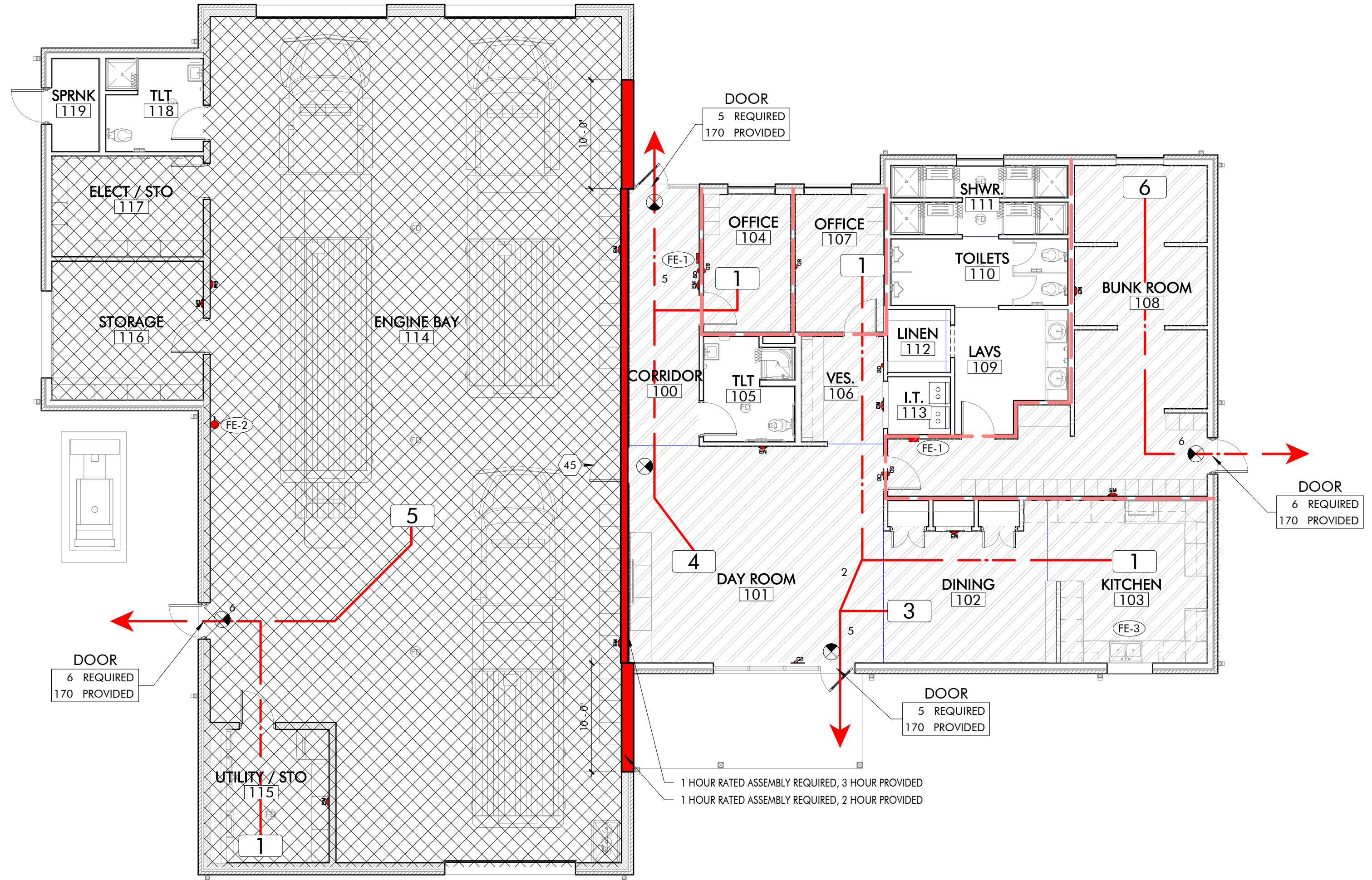
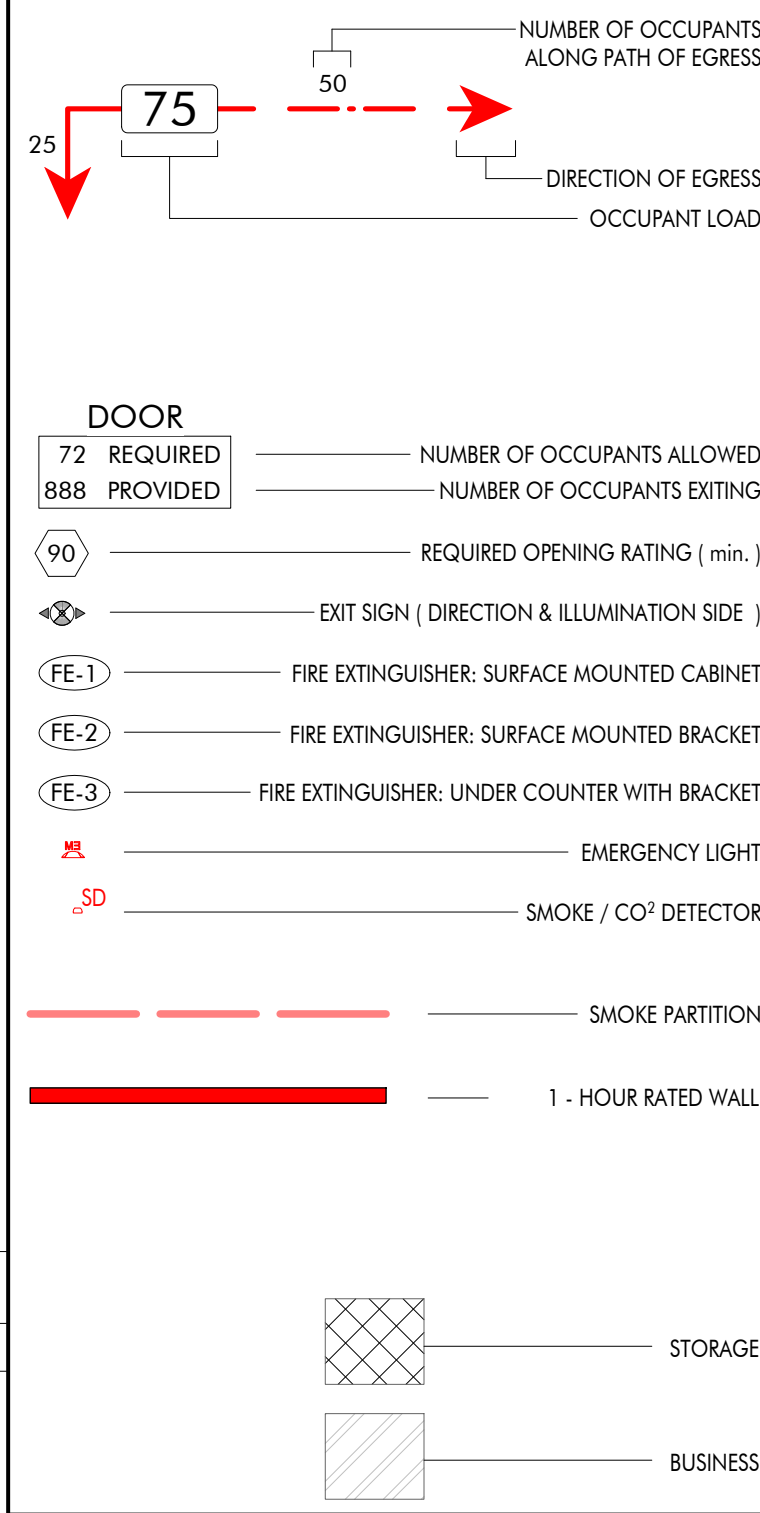
IBC
 BUILDING OCCUPANCY: MIXED OCCUPANCY, BUSINESS (B) / STORAGE (S-2)
 CONSTRUCTION TYPE AS PER TABLE 601: TYPE VB
 OCCUPANT LOAD AS PER TABLE 1004.1.2: (B) 16 OCCUPANTS / (S-2) 6 OCCUPANTS
 MAXIMUM ALLOWABLE HEIGHT: 45'-0"
 ACTUAL HEIGHT: 25'-0"
 MAXIMUM ALLOWABLE AREA: 9,000 SF (PRIOR TO HEIGHT / AREA INCREASE)
 ACTUAL AREA: 6,177 SF
 SEPERATION REQUIREMENTS AS PER TABLE 302.3.2:
 FIRE PROTECTION PROVIDED:
 MEANS OF EGRESS REQUIREMENTS:
 AUTOMATIC SPRINKLER SYSTEM THROUGHOUT BUILDING REFER TO
NFPA 101
 CLASSIFICATION OF OCCUPANCY: MULTIPLE OCCUPANCY
 REQUIRED SEPERATION AS PER TABLE 6.1.1.4.1:
 MEANS OF EGRESS
 OCCUPANCY WHEN PROTECTED
ADA
 SPECIAL REQUIREMENTS:

1 HOUR FIRE RATED SEPERATION BETWEEN (B) & (S-2) WHEN BUILDING EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEM.
 1 HOUR FIRE RATED PARTITION BETWEEN (B) & (S-2) REQUIRED, 2 HOUR PROTECTION PROVIDED WITH UL WALL ASSEMBLY 905
 45 MIN. FIRE RATED DOOR REQUIRED WITHIN FIRE RATED WALL ASSEMBLY
 SMOKE PARTITION LOCATED AROUND BUNKROOM AND OFFICES
 REFER TO LIFE SAFETY PLANS FOR EGRESS WIDTHS AND OCCUPANT LOADS

REFER TO LIFE SAFETY PLAN FOR:
 CAPACITY / NUMBER OF EGRESS REQUIRED & PROVIDED
 ARRANGEMENT OF EGRESS REQUIRED
 DEAD END CORRIDOR NOT TO EXCEED 20'
 COMMON PATH OF TRAVEL NOT TO EXCEED 100'
 TRAVEL DISTANCE NOT TO EXCEED 300'
 AS PER TABLE 42.2.5, COMMON PATH OF TRAVEL NOT LIMITED IN STORAGE BY AUTOMATIC SPRINKLER SYSTEM

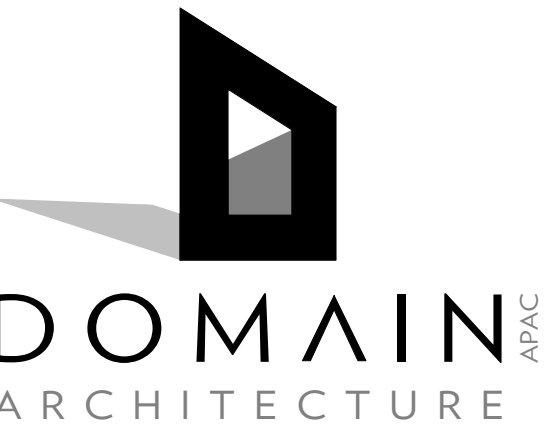
REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
 NONE

LIFE SAFETY LEGEND



1 BUILDING CODE AND LIFE SAFETY INFO.

2 1ST FLOOR - LIFE SAFETY
 1/8" = 1'-0"



8316 kelwood avenue
 baton rouge, la 70806
 225.216.3770 ph

- JOINT VENTURE -



215 st. ann drive #5
 mandeville, la 70471
 985.778.2080 ph



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Scales stated hereon are valid on the original drawings only. Contractor shall carefully review all dimensions and conditions shown and report to the architect any errors, inconsistencies, or omissions discovered.

These plans were prepared in this office under our personal supervision, and to the best of our knowledge comply with state and local codes. We will generally administer construction.

St. Tammany Fire Protection District No. 1
NEW FIRE STATION & HEADQUARTERS BUILDING
 522 Robert Blvd. Slidell LA, 70458

mep engineer:
 CRUMB ENGINEERING LLC
 4609 FAIRFIELD STREET
 METAIRIE, LA 70006
 504.455.4450

landscape, civil, and structural engineer:
 KYLE ASSOCIATES LLC
 638 VILLAGE LANE NORTH
 MANDEVILLE, LA 70471
 985.727.9377

revisions		
No.	Description	Date

REVIEWED FOR
 STATE FIRE MARSHAL
 AS PER REVIEW LETTER
 BY: WILLIAM D. JONES, ARCHITECT, CBO
William D. Jones

PROJ. # C16-0058
 date
 FEBURARY 23, 2017
 sheet

LS2.20

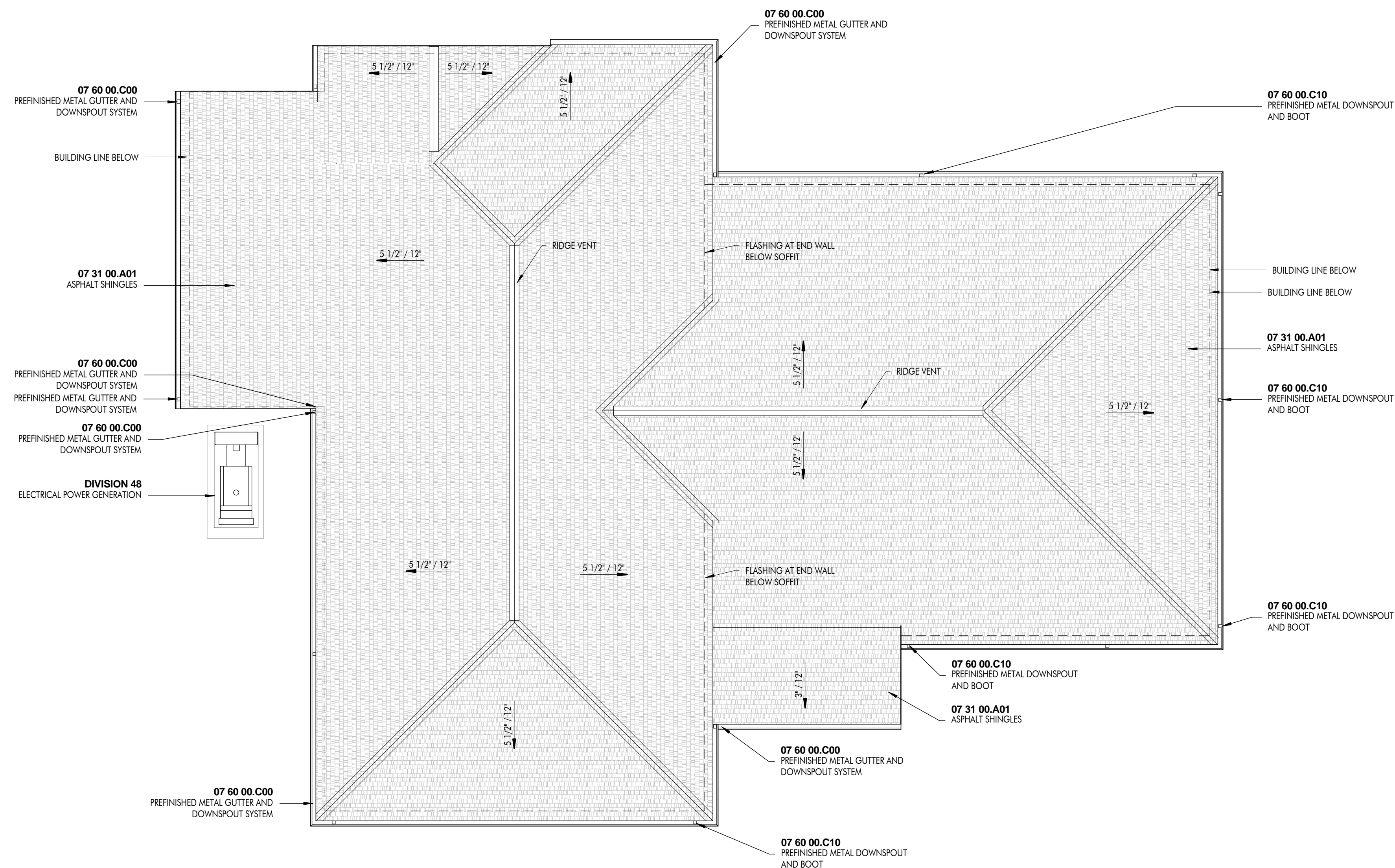
FEBURARY 23, 2017



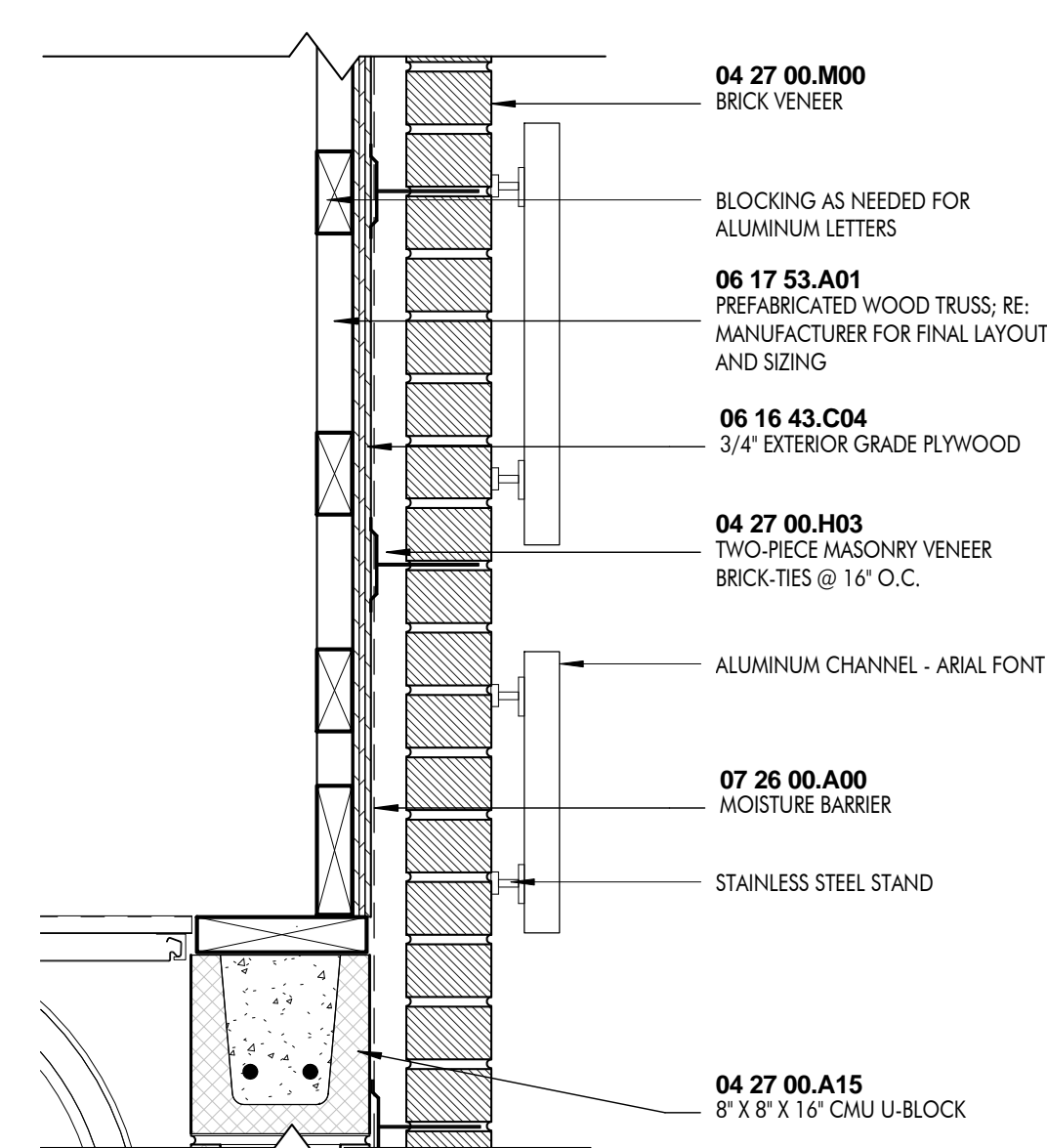
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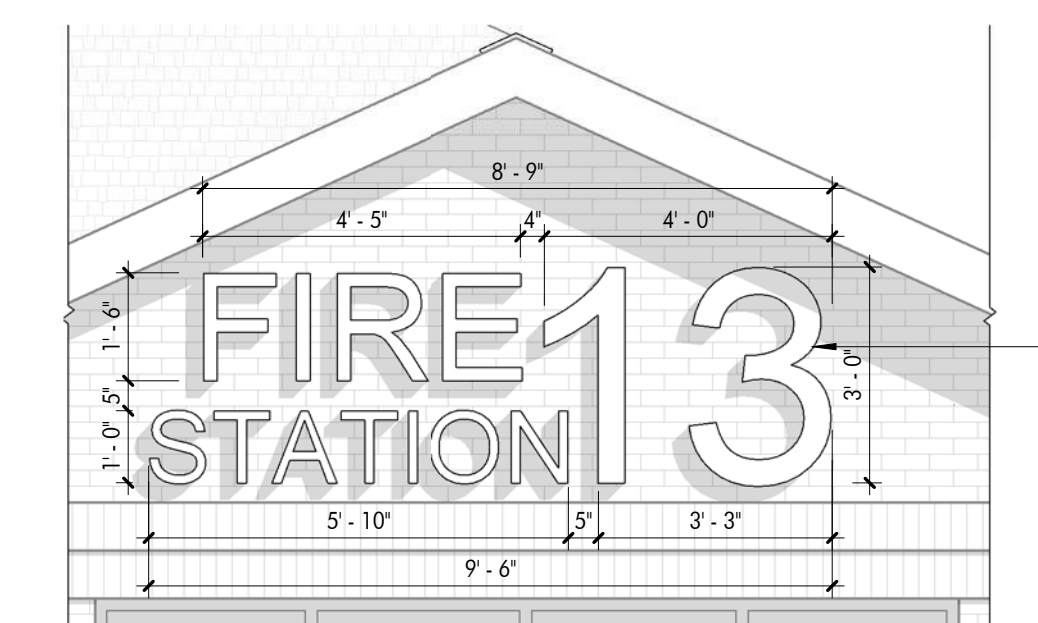
1 ROOF PLAN
1/8" = 1'-0"



2 SECTION - WALL LETTERING
1 1/2" = 1'-0"

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO

William D. Jones



3 ELEVATION - WALL LETTERING
3/8" = 1'-0"

St. Tammany Fire Protection District No. 1
NEW FIRE STATION & HEADQUARTERS BUILDING
522 Robert Blvd. Slidell LA, 70458

mep engineer:
CRUMB ENGINEERING LLC
4609 FAIRFIELD STREET
METAIRIE, LA 70006
504.455.4450

landscape, civil, and structural engineer:
KYLE ASSOCIATES LLC
638 VILLAGE LANE NORTH
MANDEVILLE, LA 70471
985.727.9377

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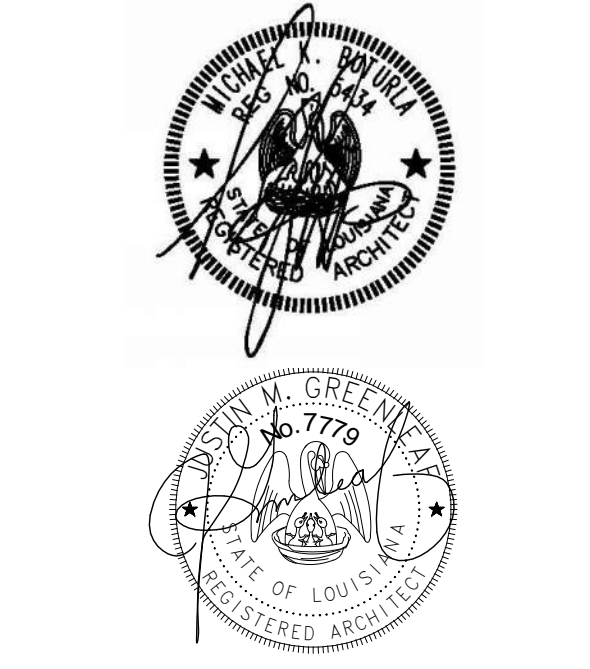
LEGEND	
FE-1	FIRE EXTINGUISHER: SURFACE MOUNTED CABINET
FE-2	FIRE EXTINGUISHER: SURFACE MOUNTED BRACKET
FE-3	FIRE EXTINGUISHER: UNDER COUNTER WITH BRACKET
⊕	FLOOR DRAIN



8316 kelwood avenue
baton rouge, la 70806
225.216.3770 ph

- JOINT VENTURE -
greenleafarchitects

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985.778.2080 ph



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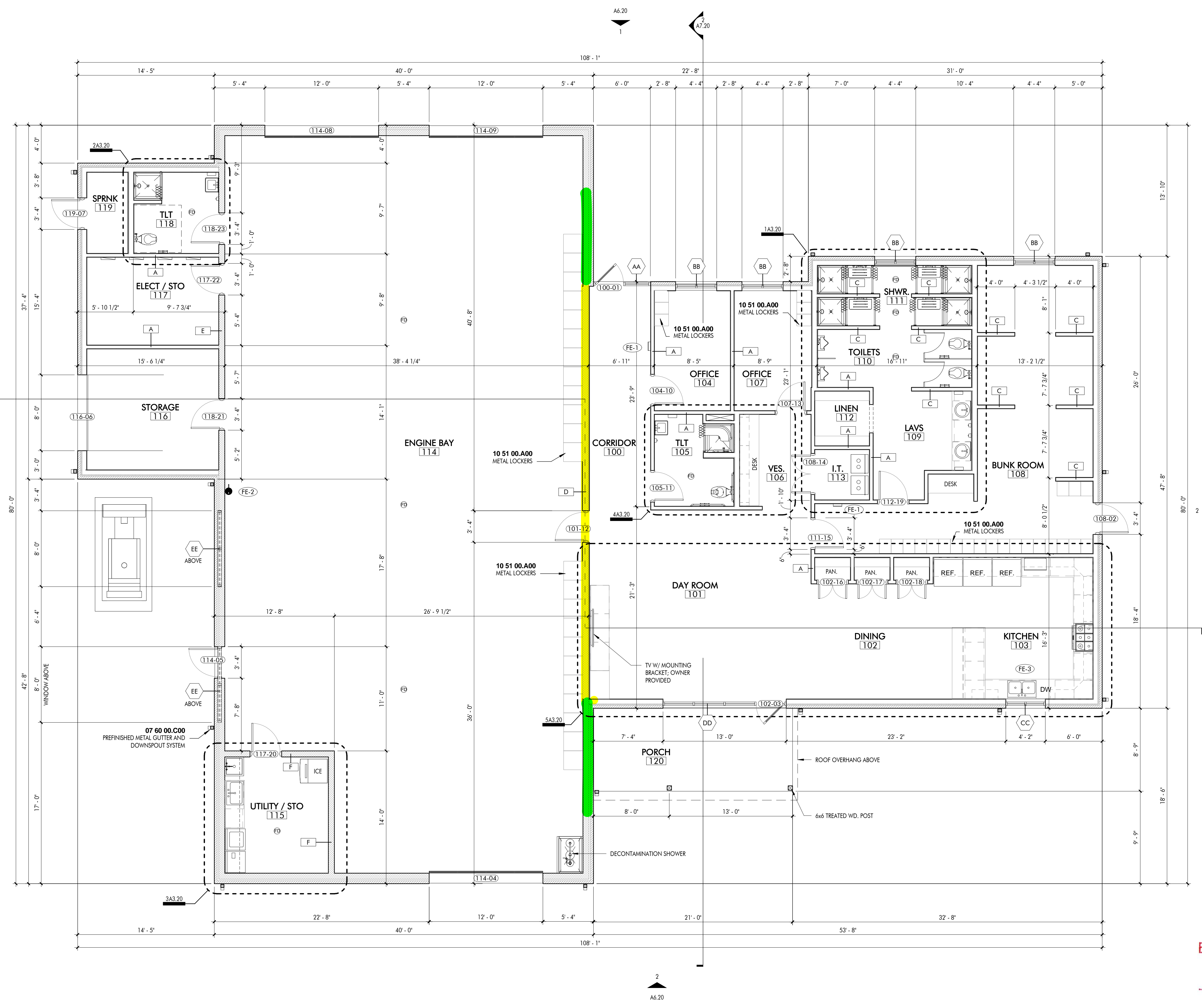
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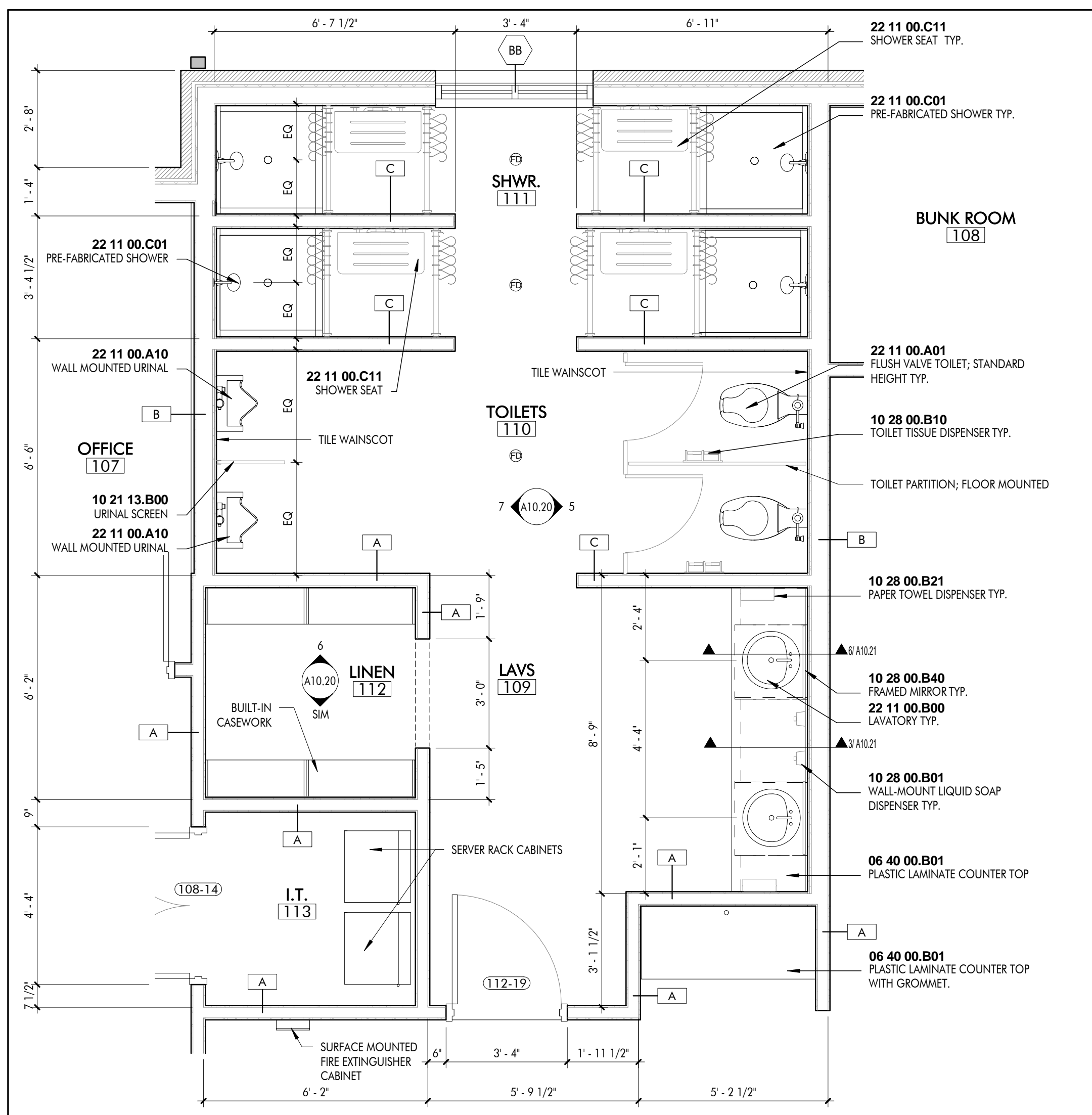
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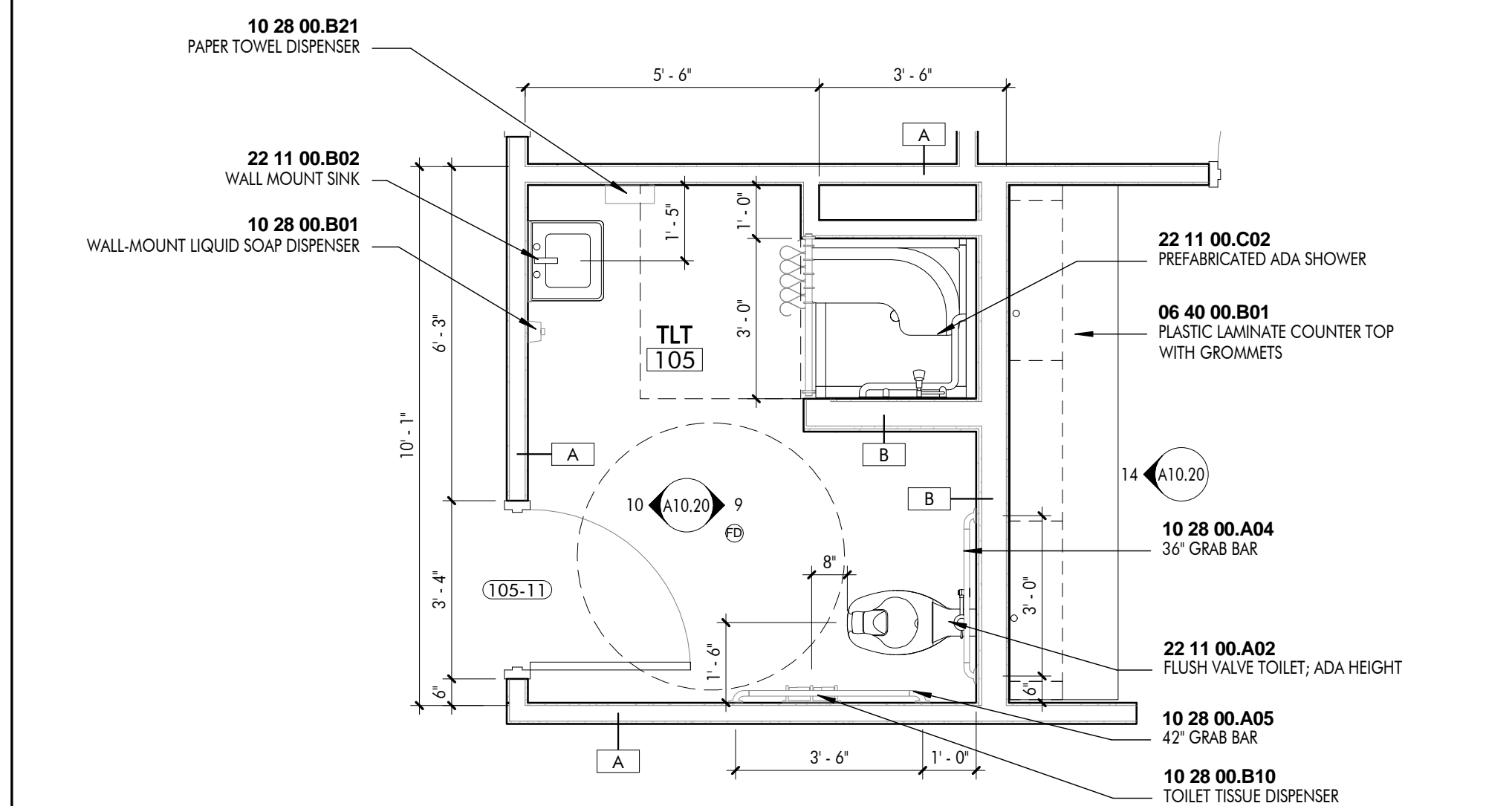


1 FLOOR PLAN - STATION
3/16" = 1'-0"

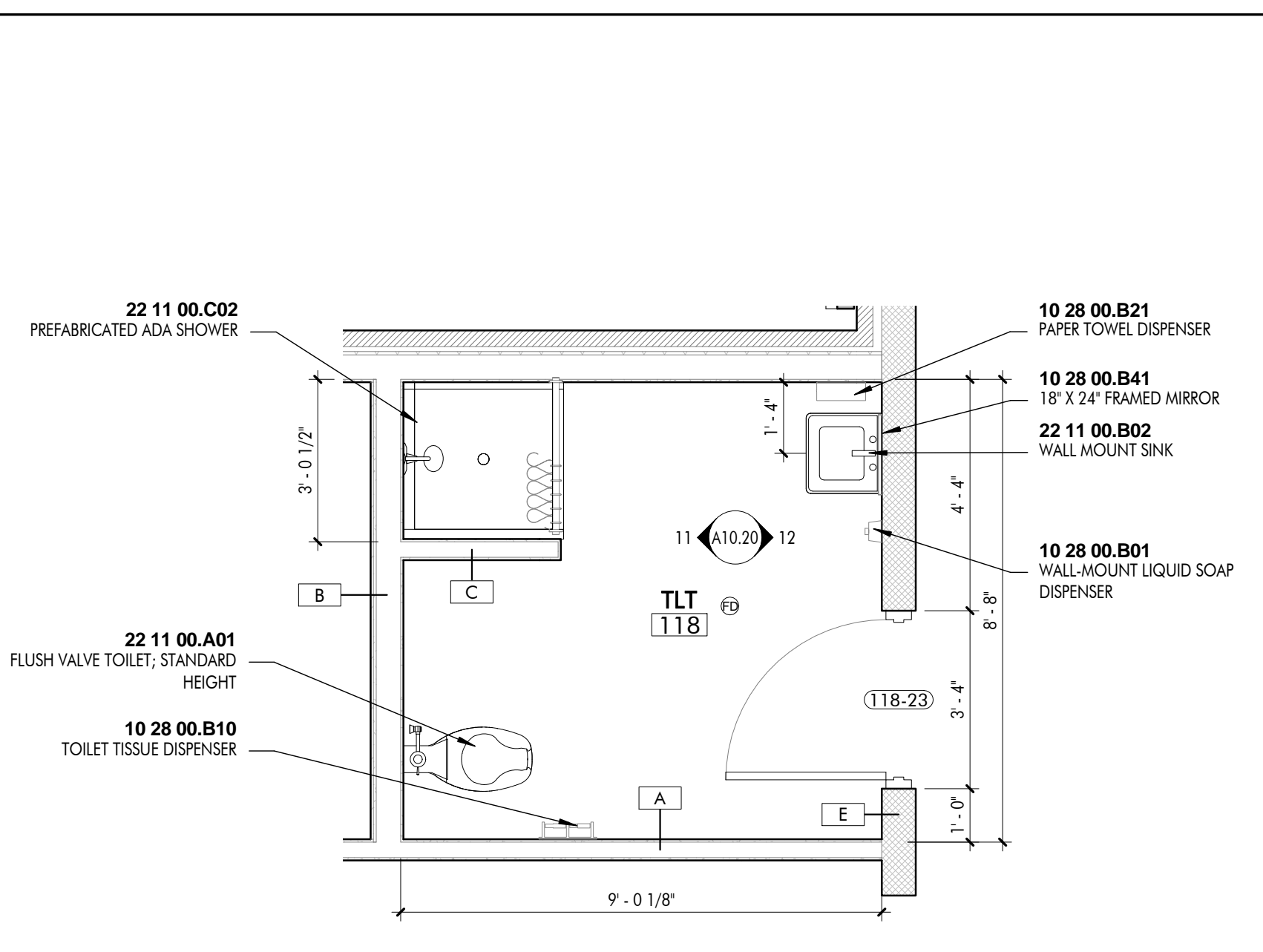
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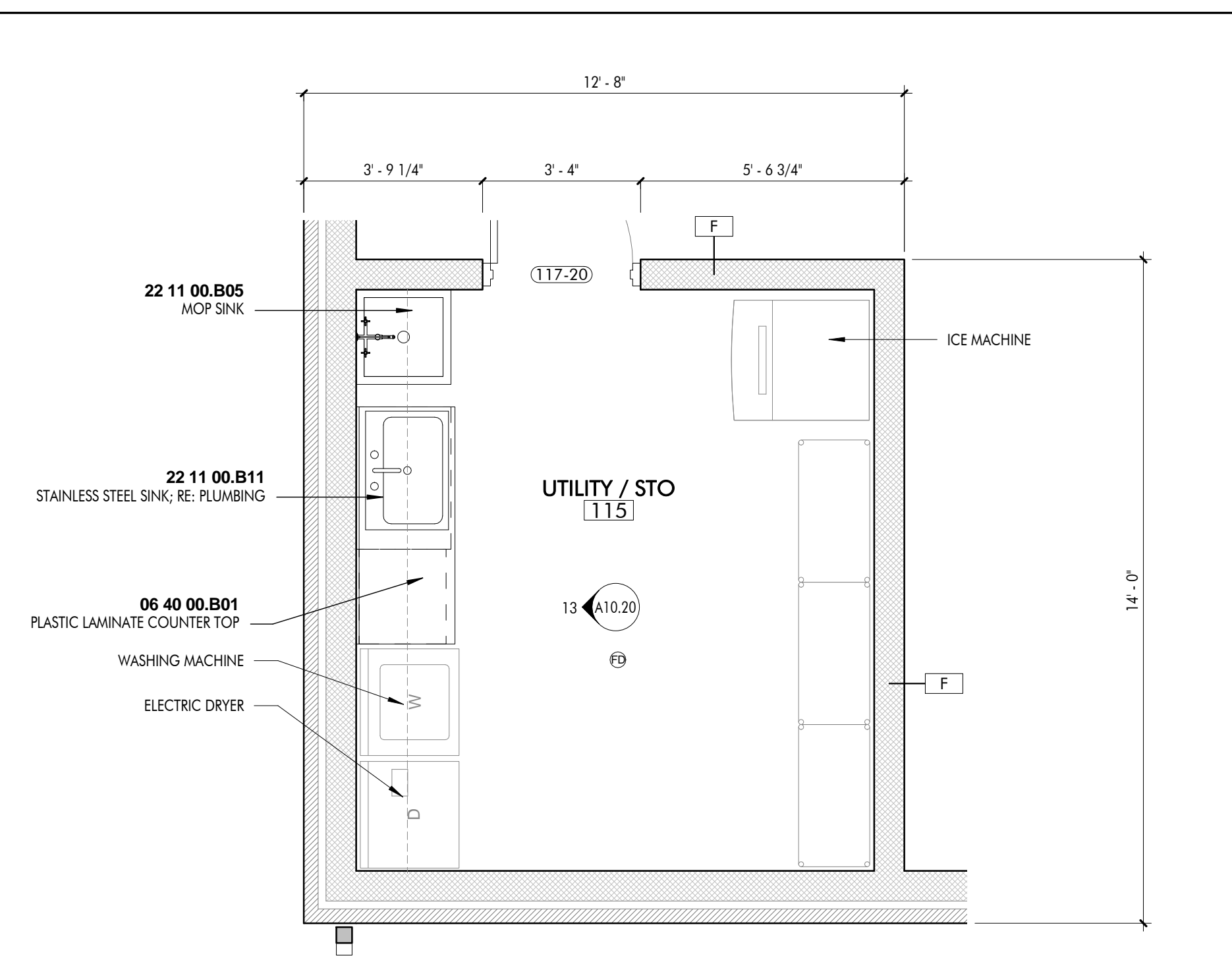
1 ENLG PLAN - SHOWERS/LAV.
3/8" = 1'-0"



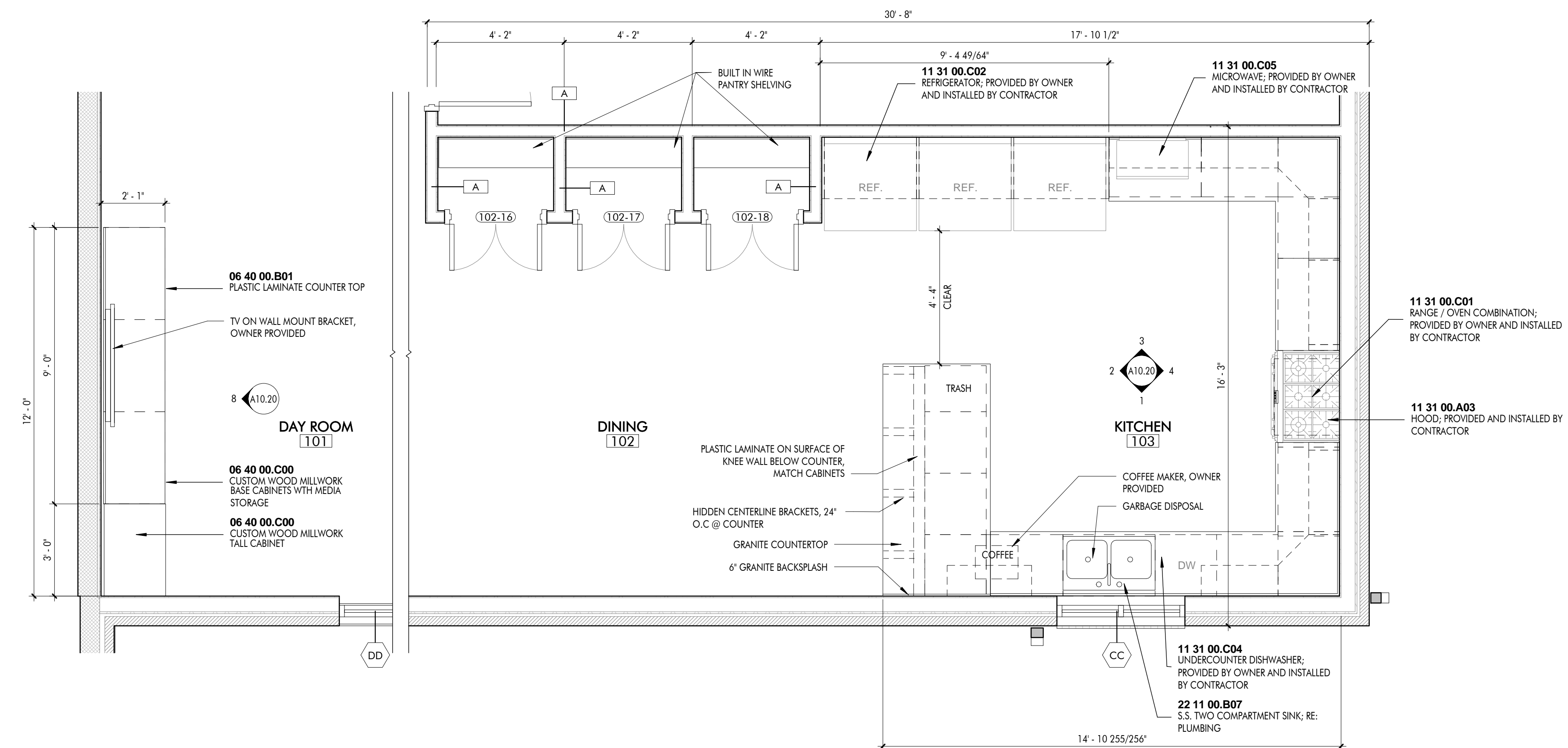
4 ENLG PLAN - TOILET 105
3/8" = 1'-0"



2 ENLG PLAN - TOILET ROOM 118
3/8" = 1'-0"

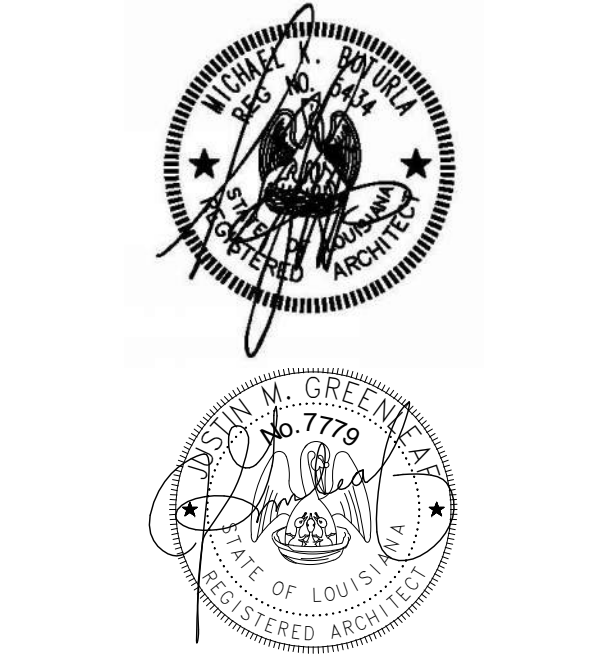


3 ENLG PLAN - UTILITY
3/8" = 1'-0"



5 ENLG PLAN - KITCHEN
3/8" = 1'-0"

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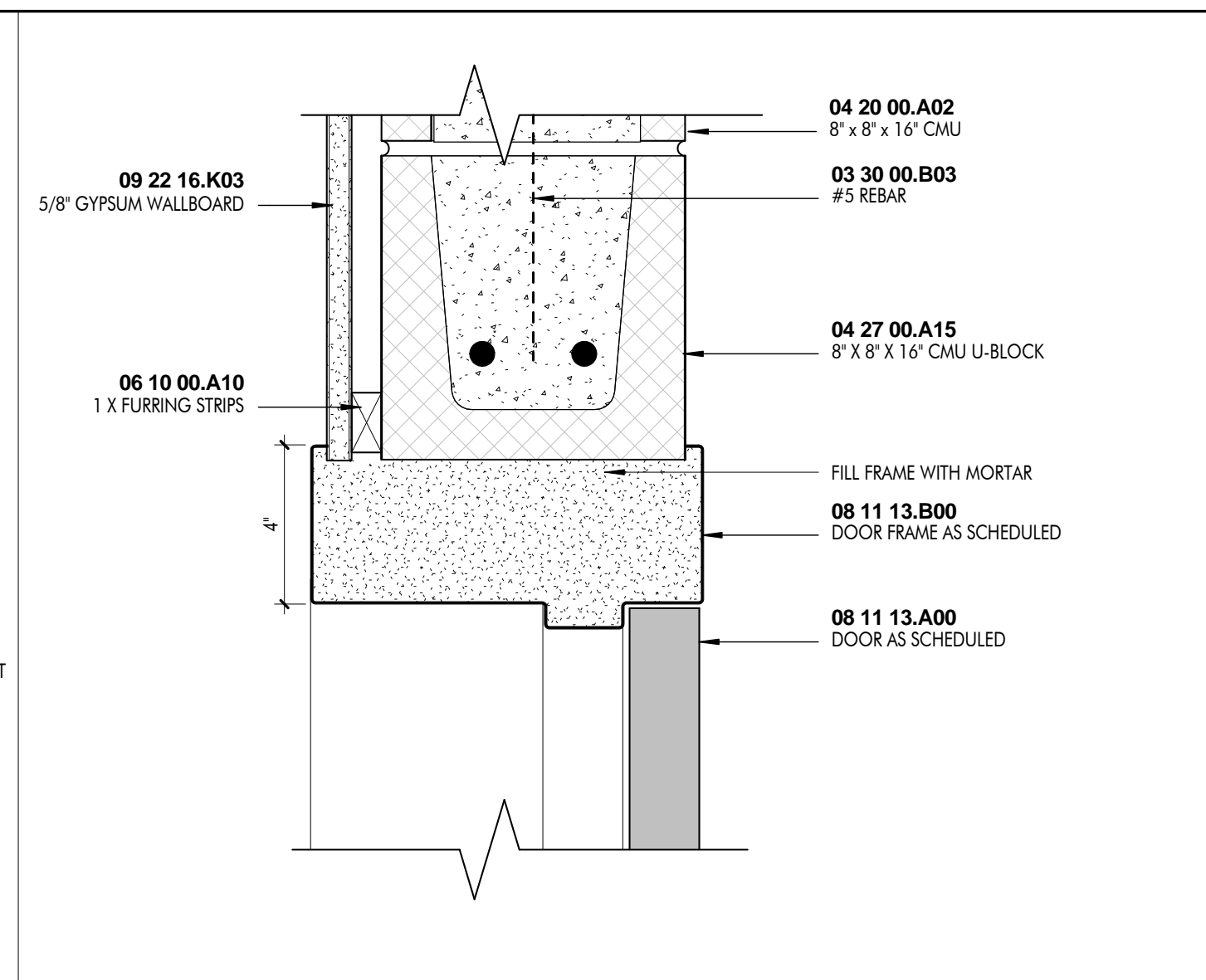
mep engineer:
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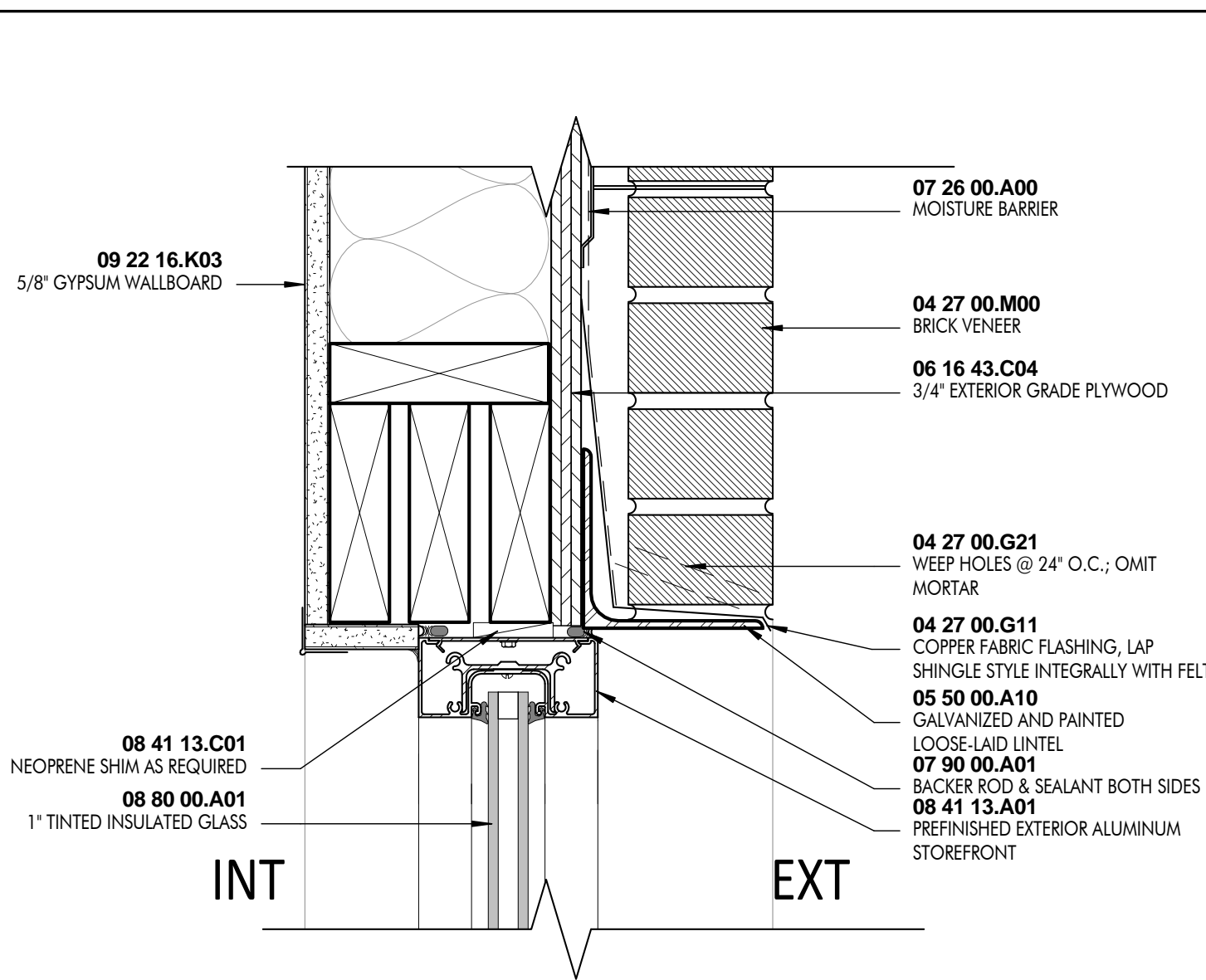
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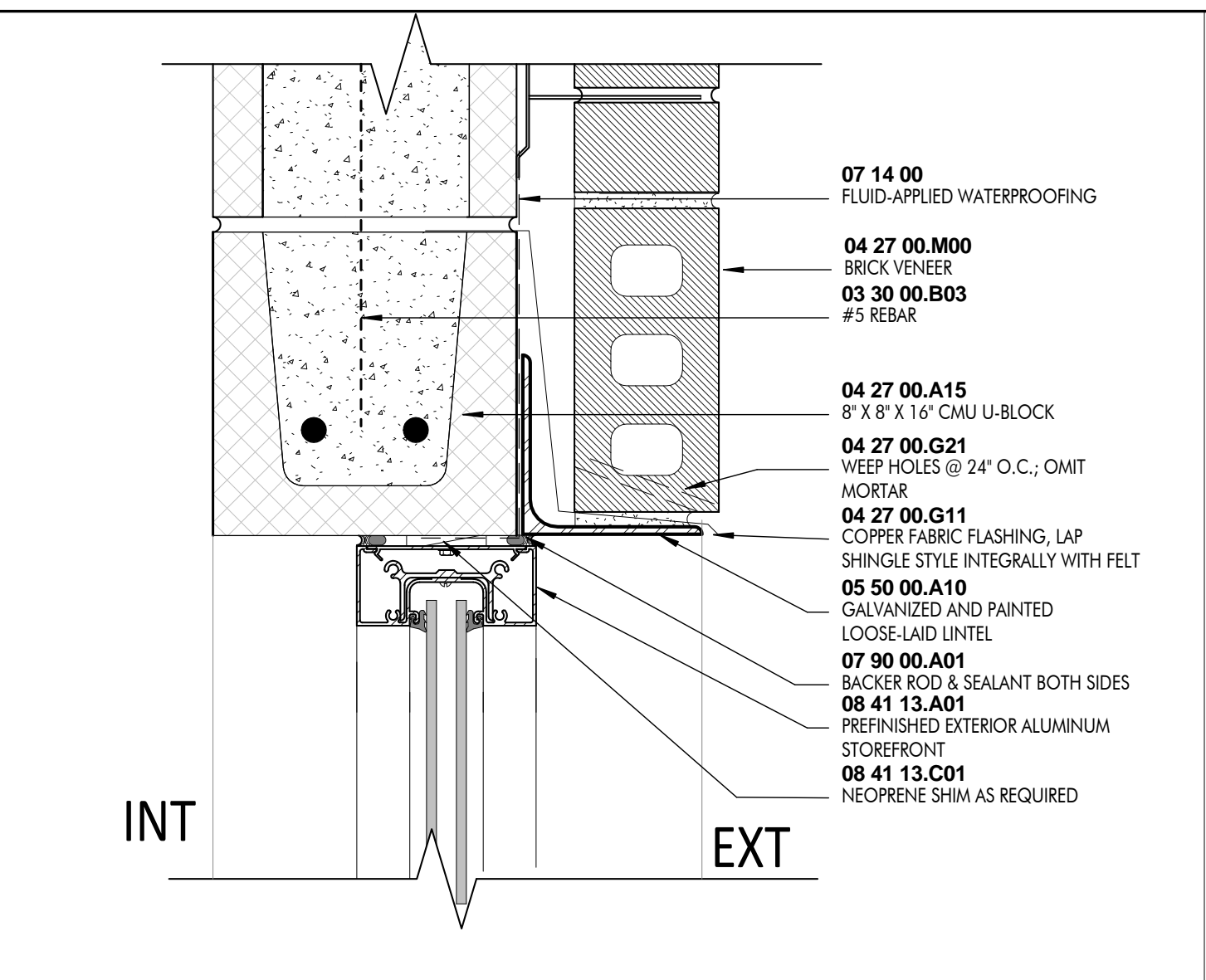
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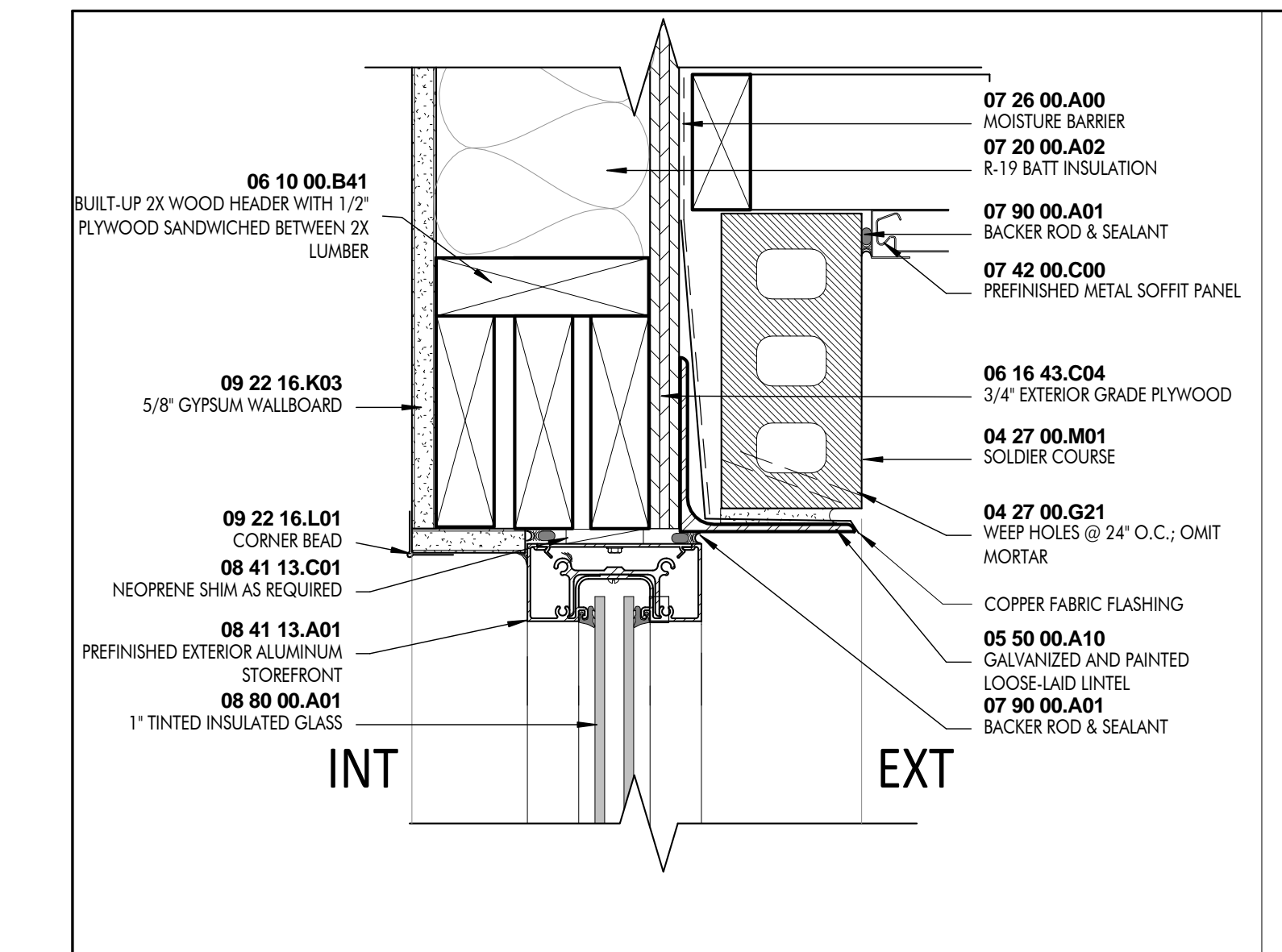
4 HEAD - HM DOOR FIRE RATED CMU
3" = 1'-0"



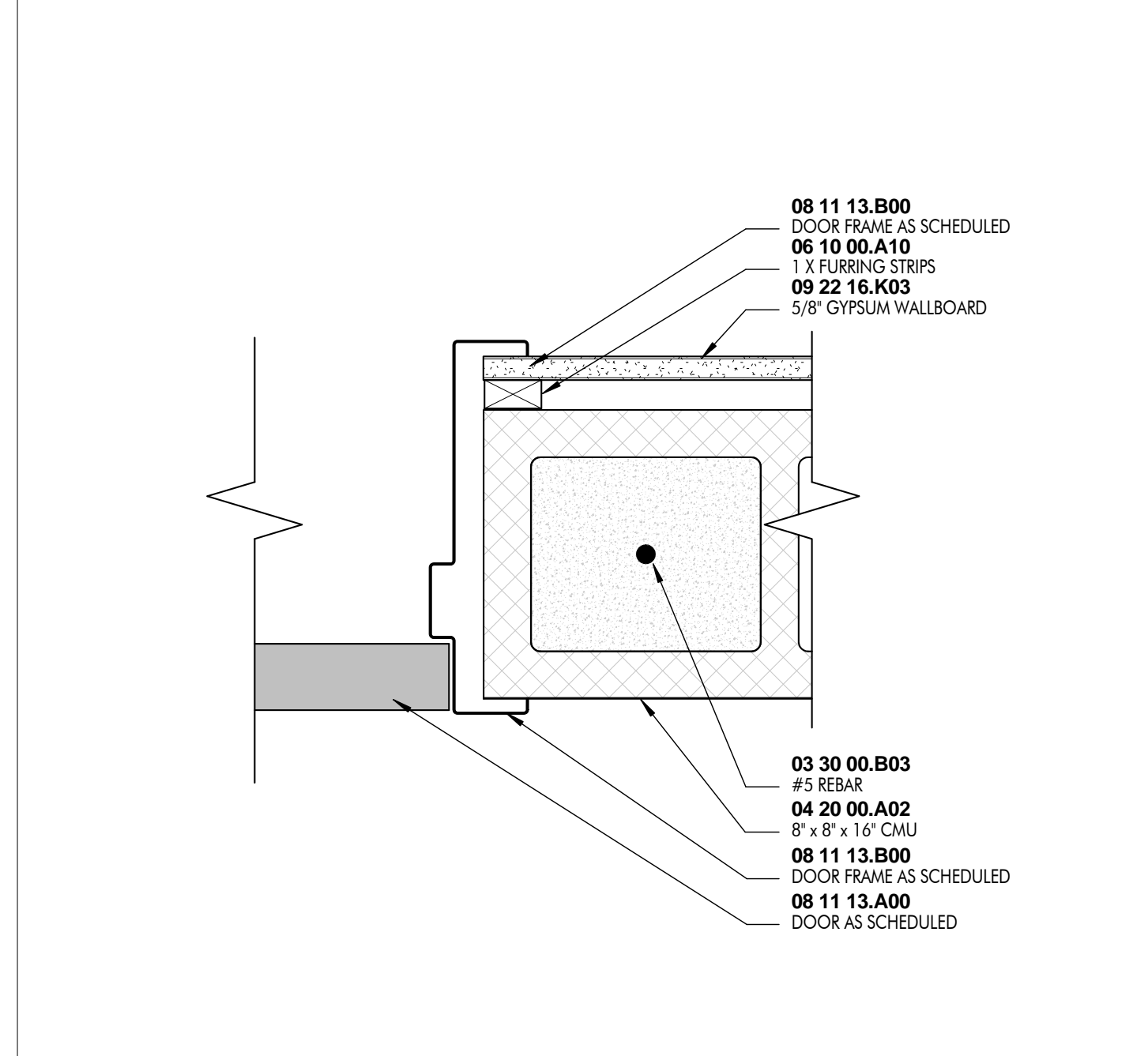
3 HEAD - SF STUD WALL / BRICK VENEER
3" = 1'-0"



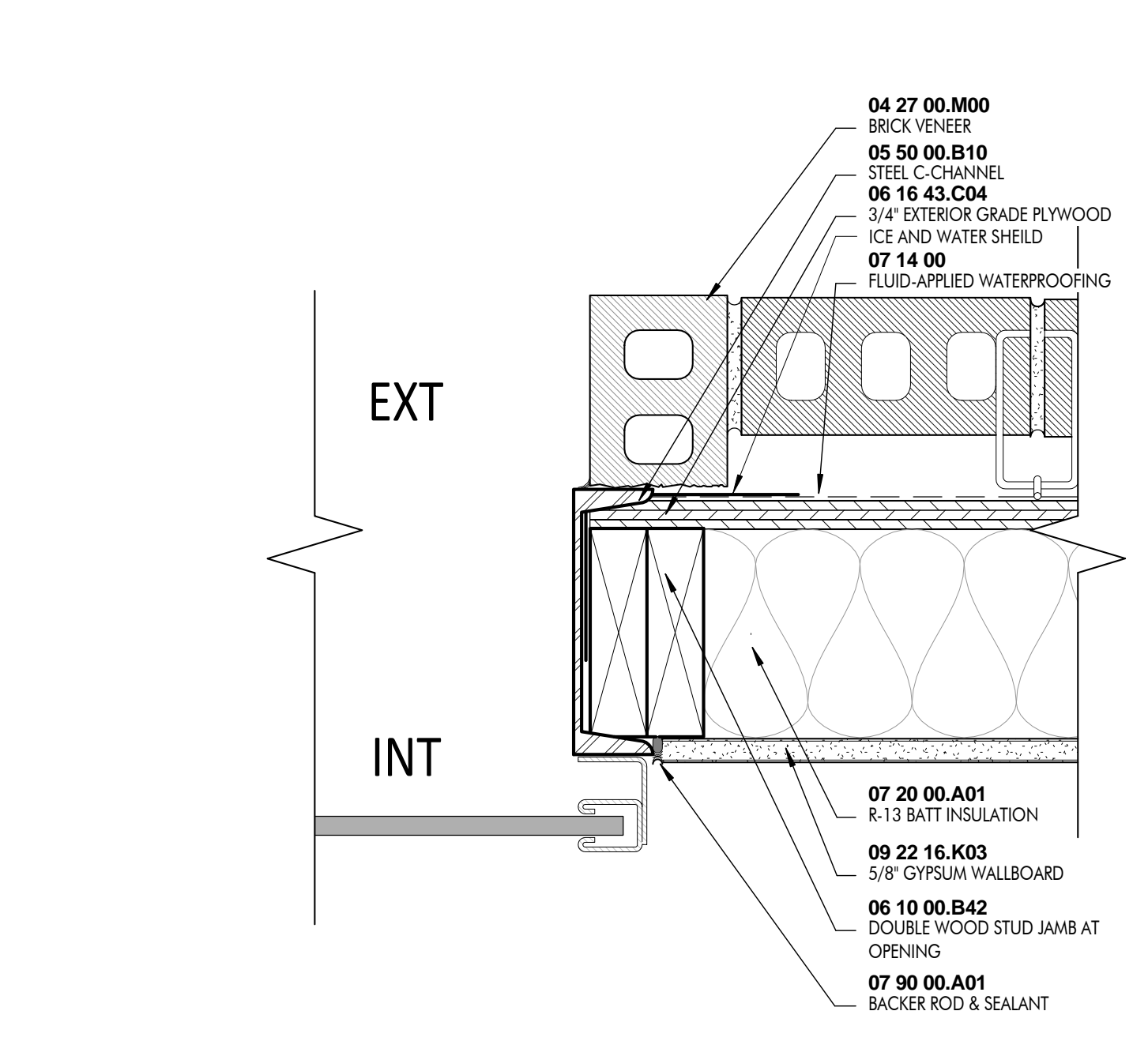
2 HEAD - STOREFRONT CMU W/ BRICK
3" = 1'-0"



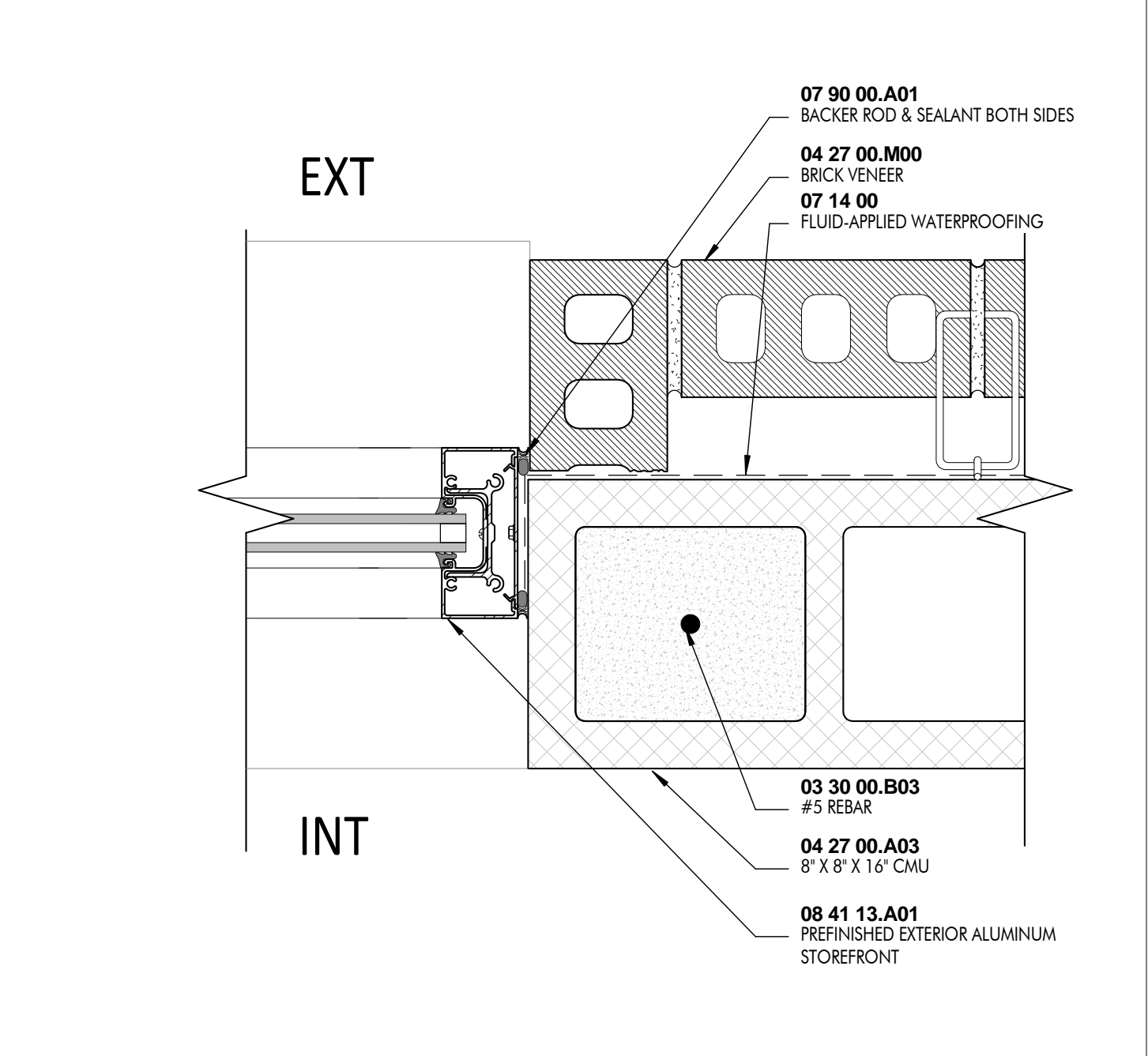
1 HEAD - SF STUD WALL / BRICK SOLDIER
3" = 1'-0"



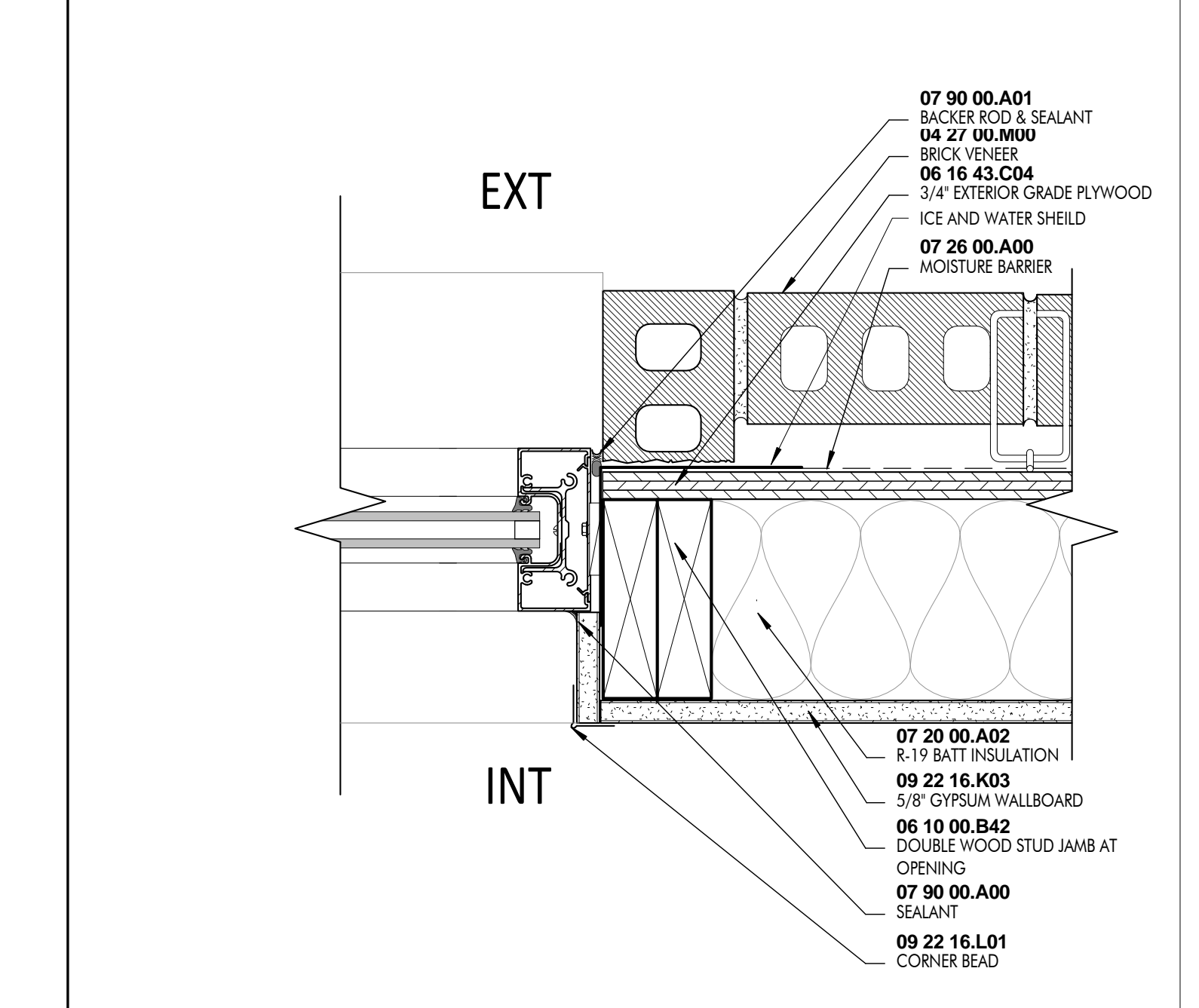
8 JAMB-HM DOOR FIRE RATED CMU
3" = 1'-0"



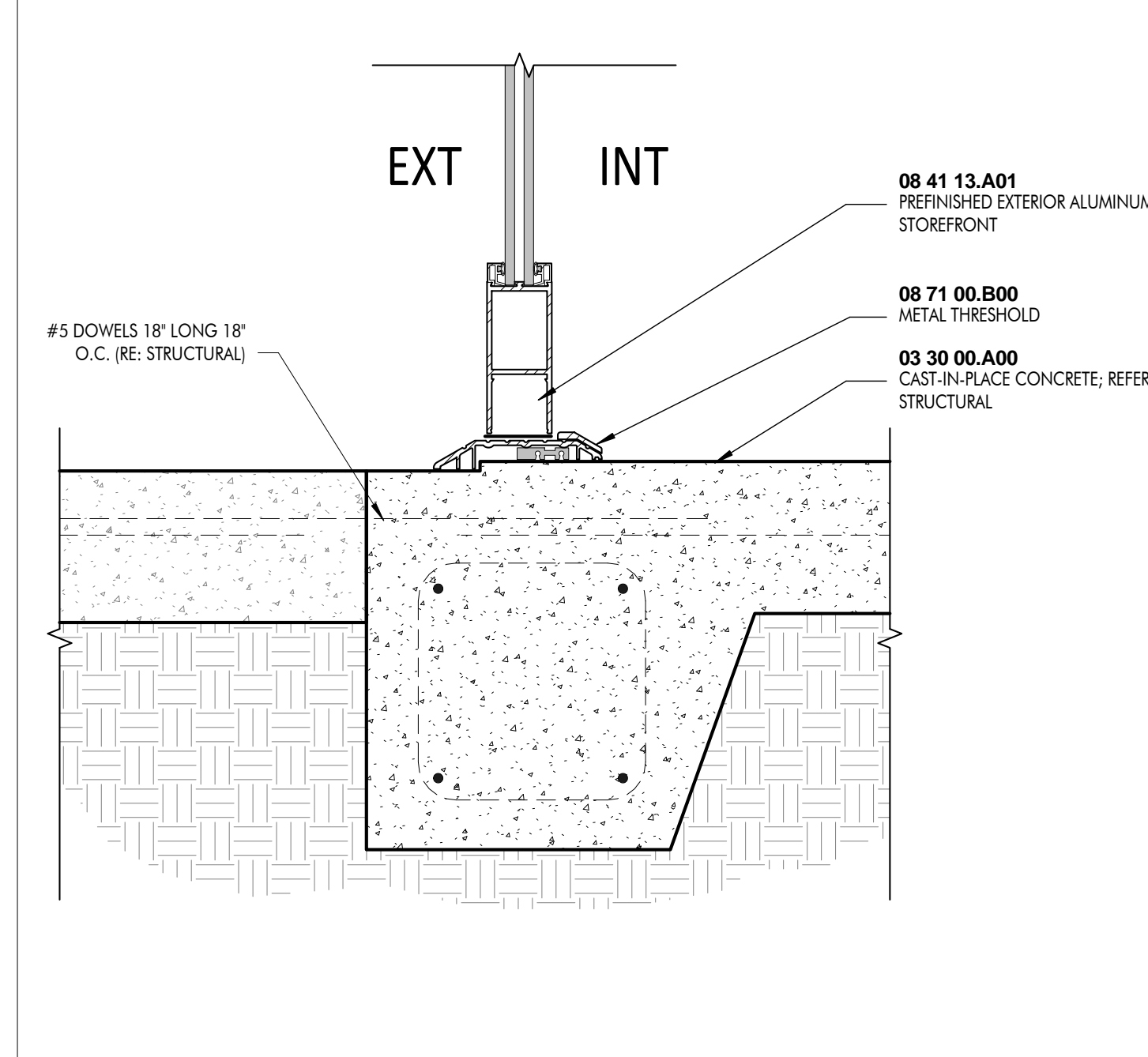
7 JAMB - COILING DOOR
3" = 1'-0"



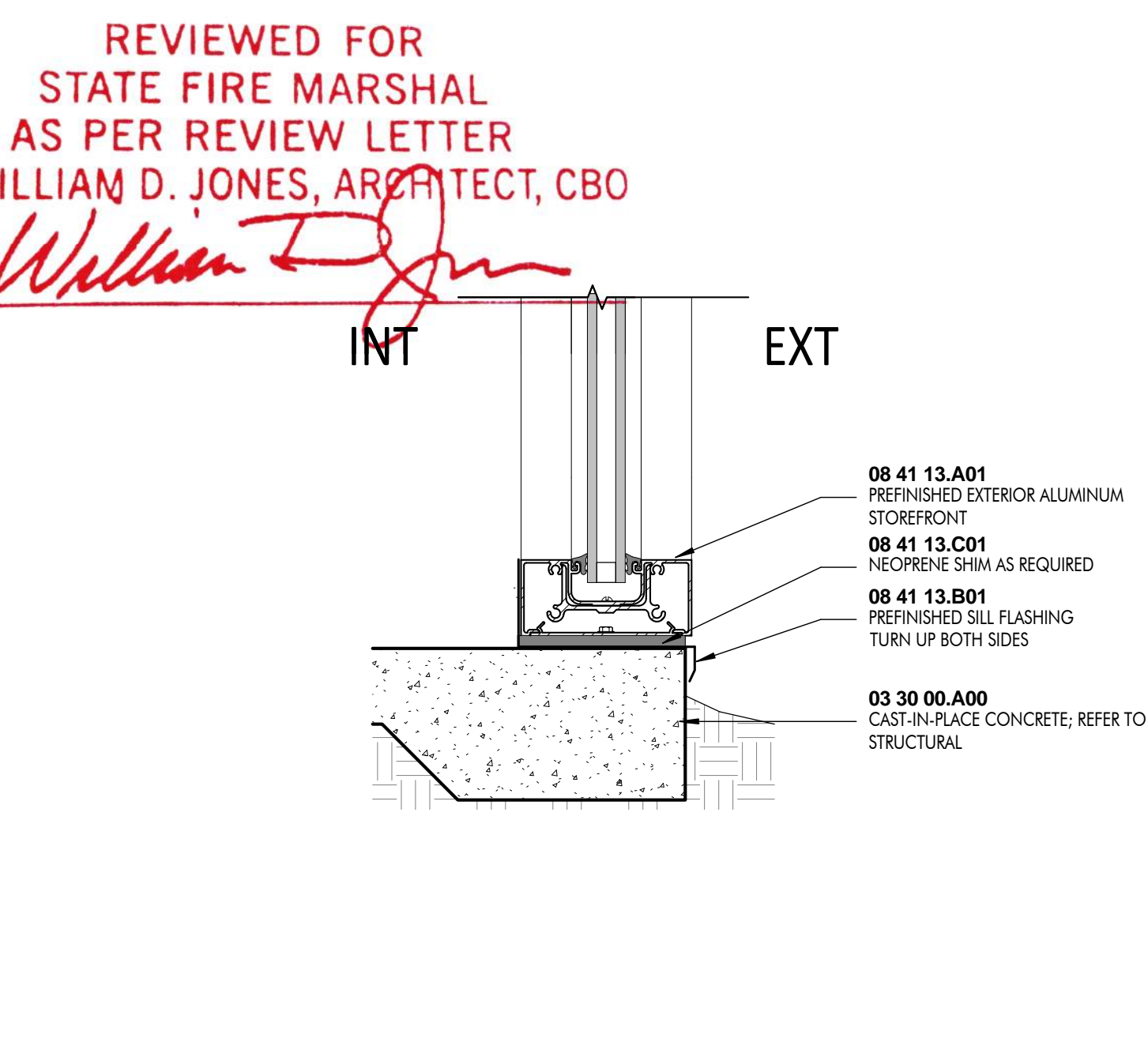
6 JAMB - STOREFRONT CMU W/ BRICK
3" = 1'-0"



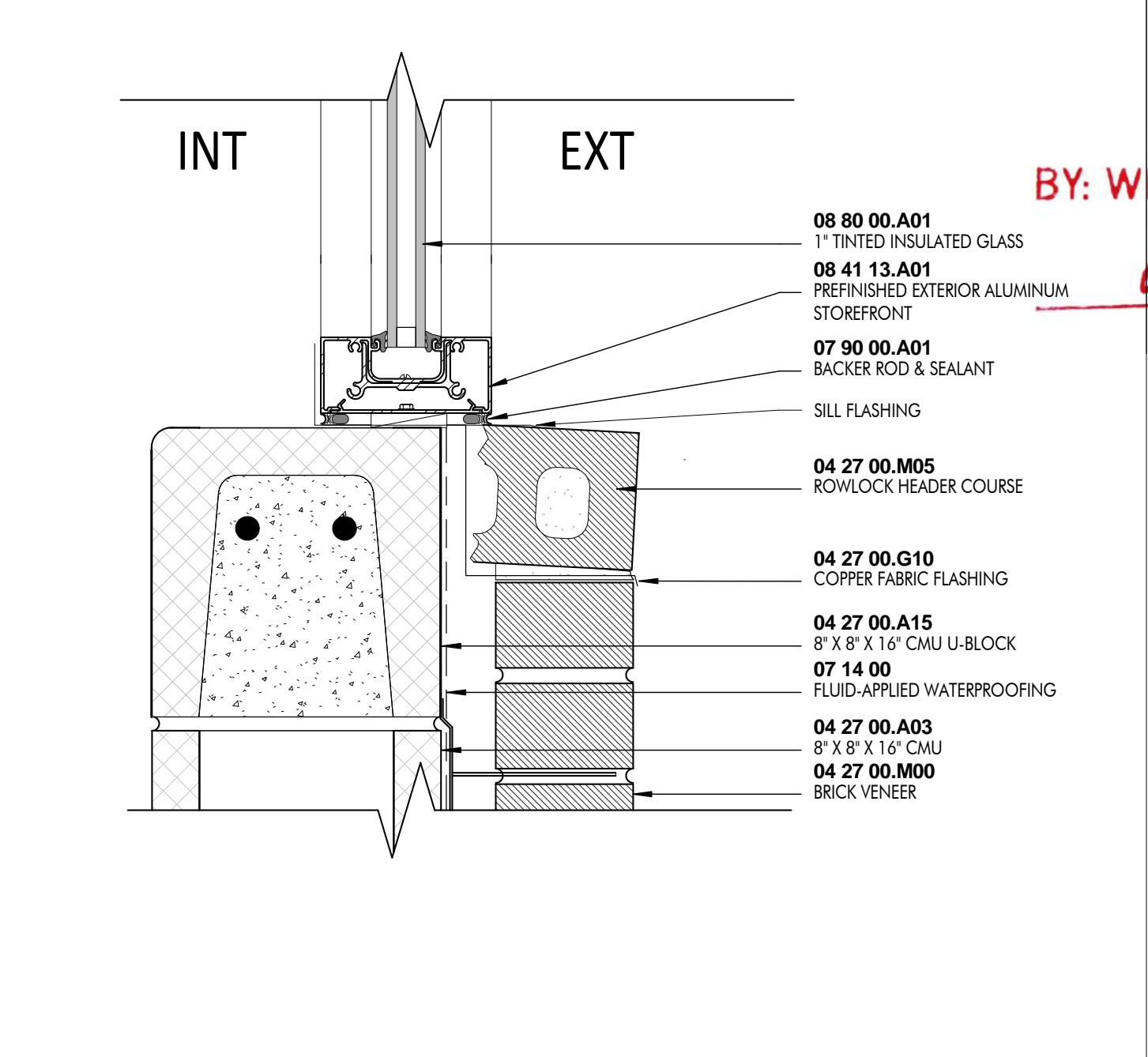
5 JAMB - STOREFRONT WOOD W/ BRICK
3" = 1'-0"



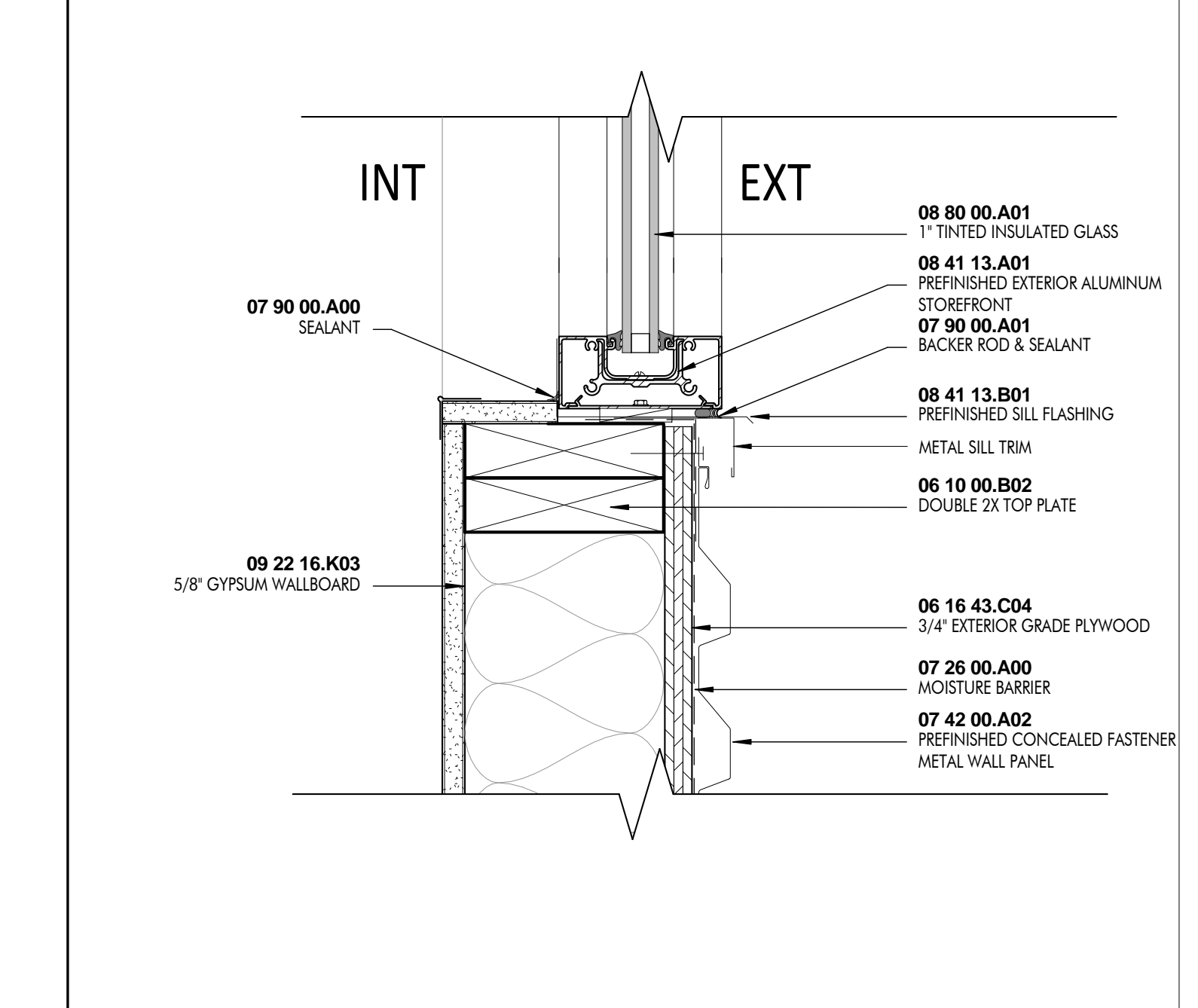
12 SILL - STOREFRONT DOOR
3" = 1'-0"



11 SILL - STOREFRONT
3" = 1'-0"

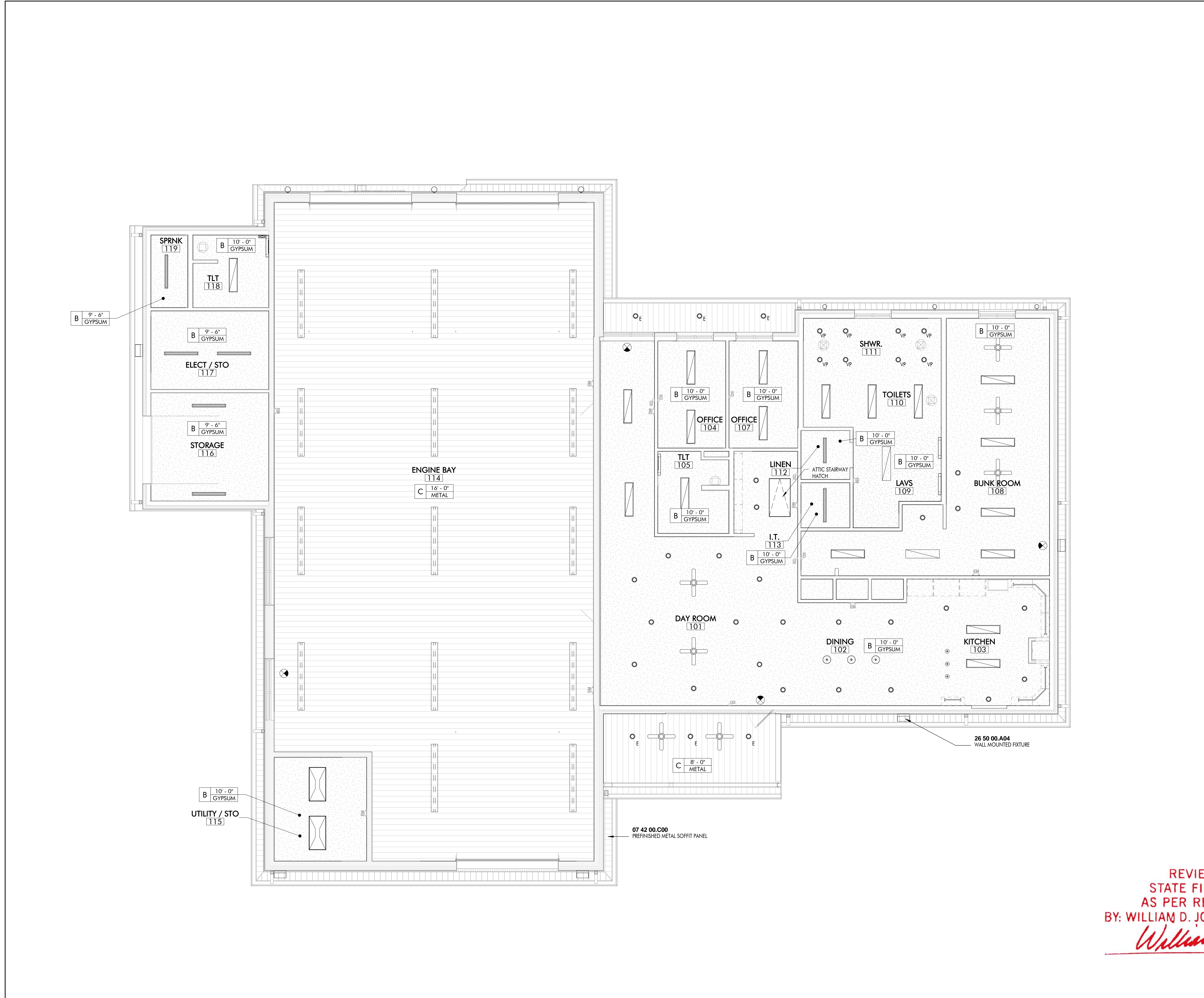


10 SILL - WINDOW CMU W/ BRICK
3" = 1'-0"



9 SILL - STOREFRONT HARDI
3" = 1'-0"

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William D. Jones



CEILING PLAN LEGEND	
	CEILING TYPE
	CEILING HEIGHT ABOVE FINISH FLOOR
	CEILING FINISH
ROOM NAME 812	ROOM DESIGNATION TAG
	PENDANT LIGHT
	LINEAR SHOP LIGHT
	CEILING FAN
	FLUORESCENT SHOP LIGHT
	1x4 TROFFER LIGHT
	SMOKE DETECTOR
	6" RECESSED CAN LIGHT
	FLUORESCENT SURFACE MOUNT
	RECESSED CAN FOR WET LOCATION
	HEATER/VENT/LIGHT
	UNDER COUNTER LIGHT
	EXTERIOR RECESSED CAN
	EXIT SIGN
	EMERGENCY LIGHT
	HEATER/VENT
	EXTERIOR WALL PACK
	EXTERIOR WALL MOUNTED FIXTURE

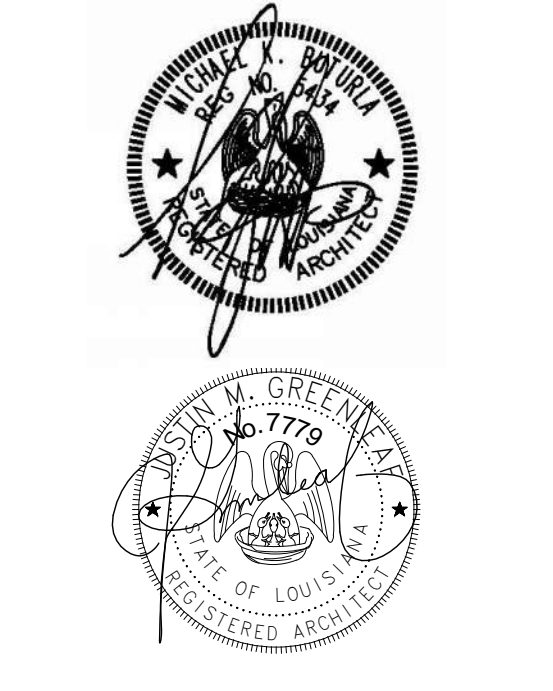
CEILING PLAN LEGEND	
NOTE: REFER TO FINISH LEGEND & SCHEDULE FOR FURTHER INFORMATION	
A	EXPOSED TO STRUCTURE
B	PAINTED GYPSUM BOARD *MOISTURE RESISTANT @ SHOWER/BATH/TOILET/LAV
C	PRE-FINISHED METAL CEILING/SOFFIT PANELS



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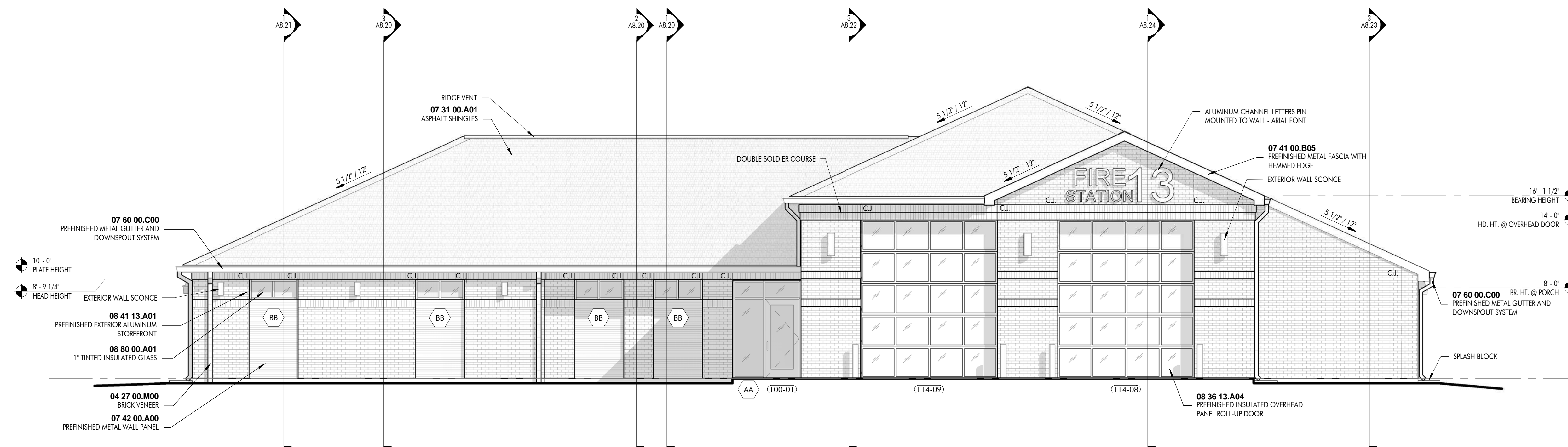
mep engineer:
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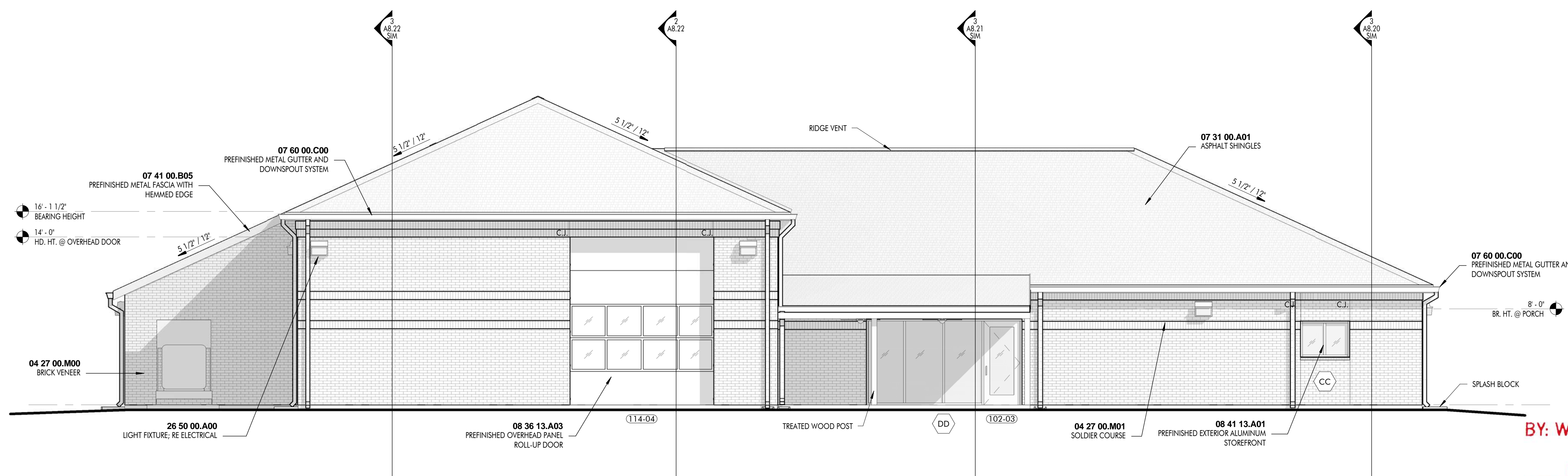
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A6.20



1 NORTH ELEVATION
3/16" = 1'-0"



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2 SOUTH ELEVATION
3/16" = 1'-0"



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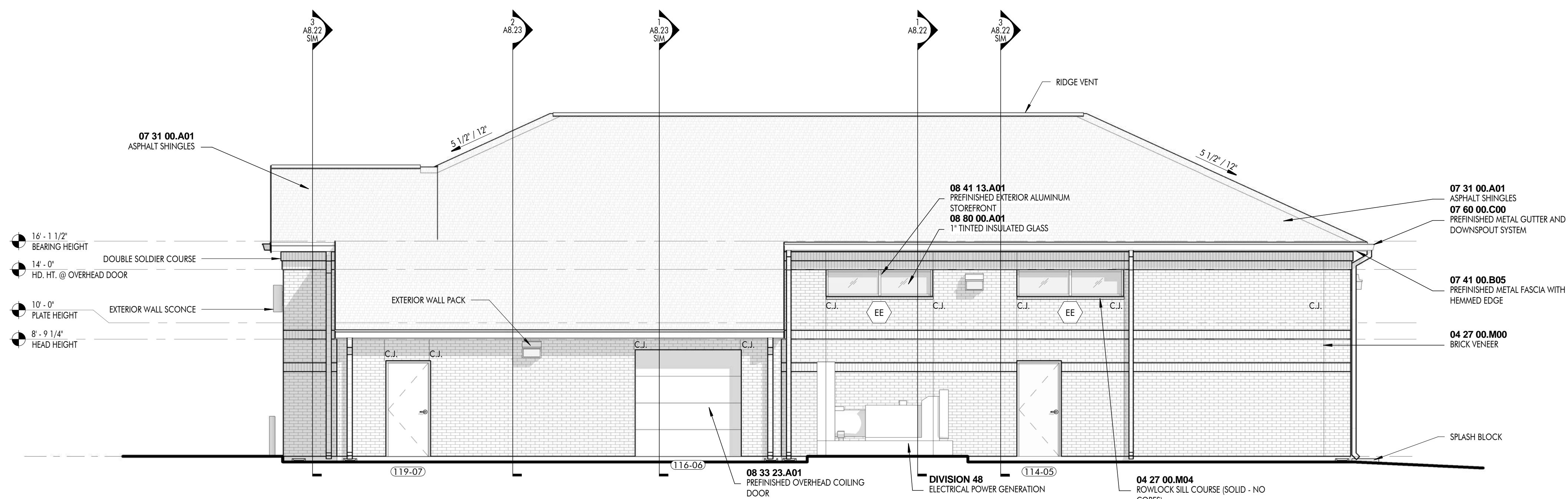
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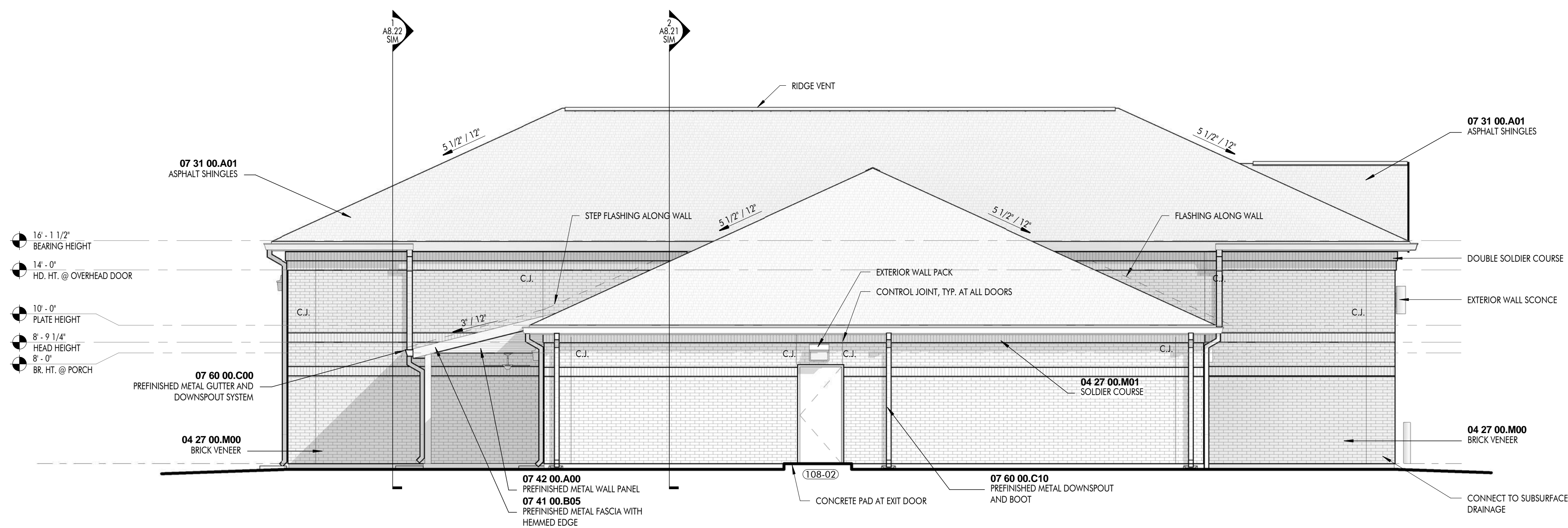
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sheet

A6.21



1 EAST ELEVATION
3/16" = 1'-0"



2 WEST ELEVATION
3/16" = 1'-0"

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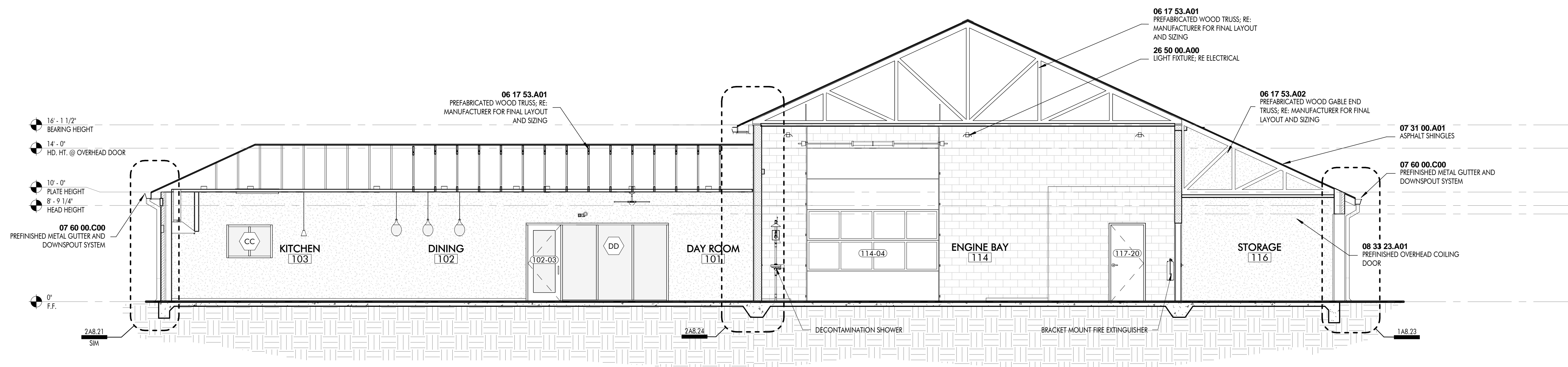
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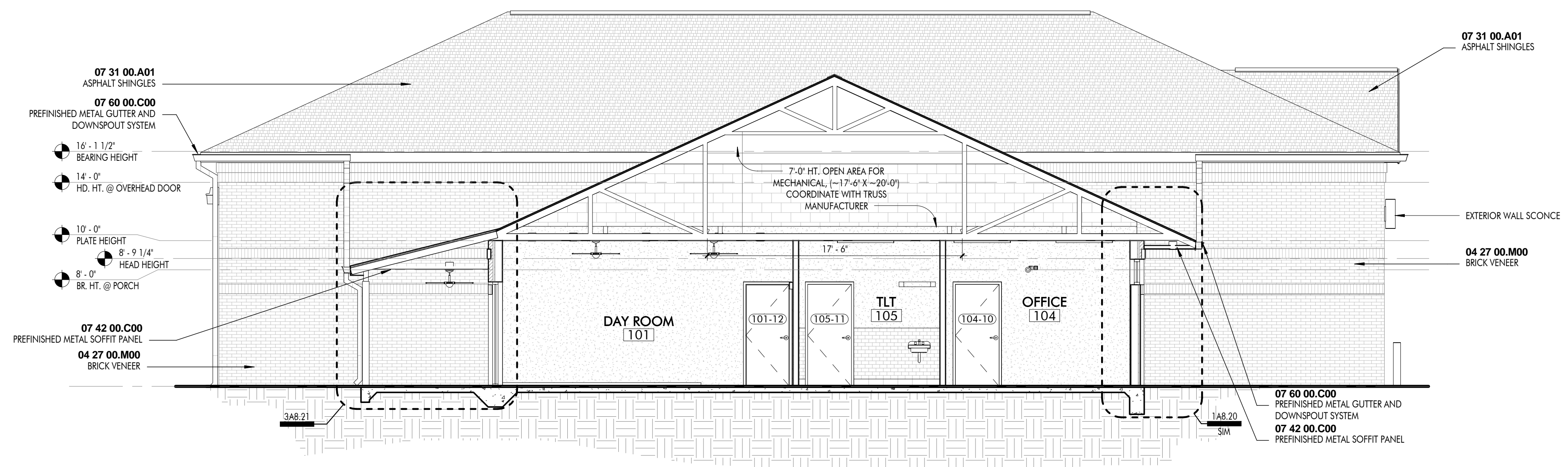
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1 BUILDING SECTION A-A
3/16" = 1'-0"



2 BUILDING SECTION B-B
3/16" = 1'-0"

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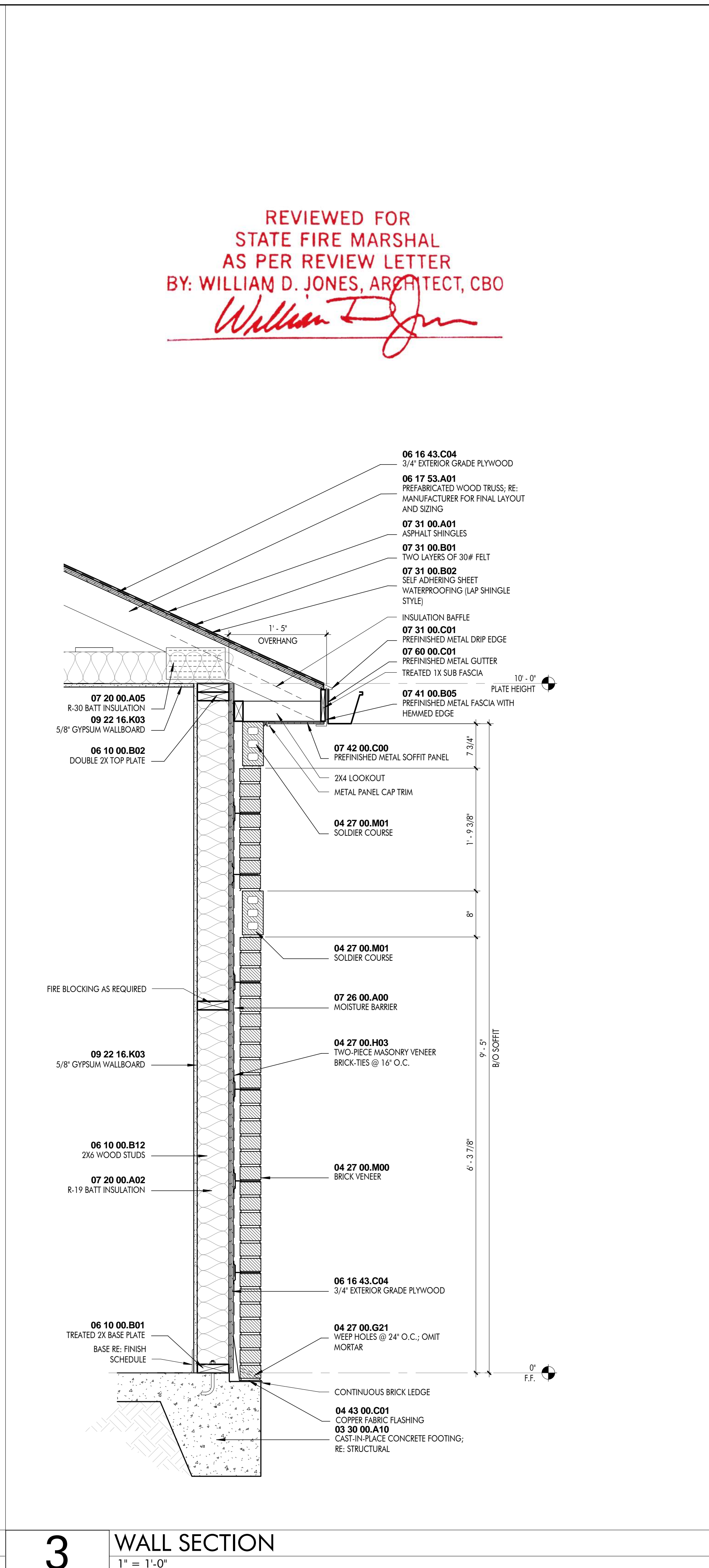
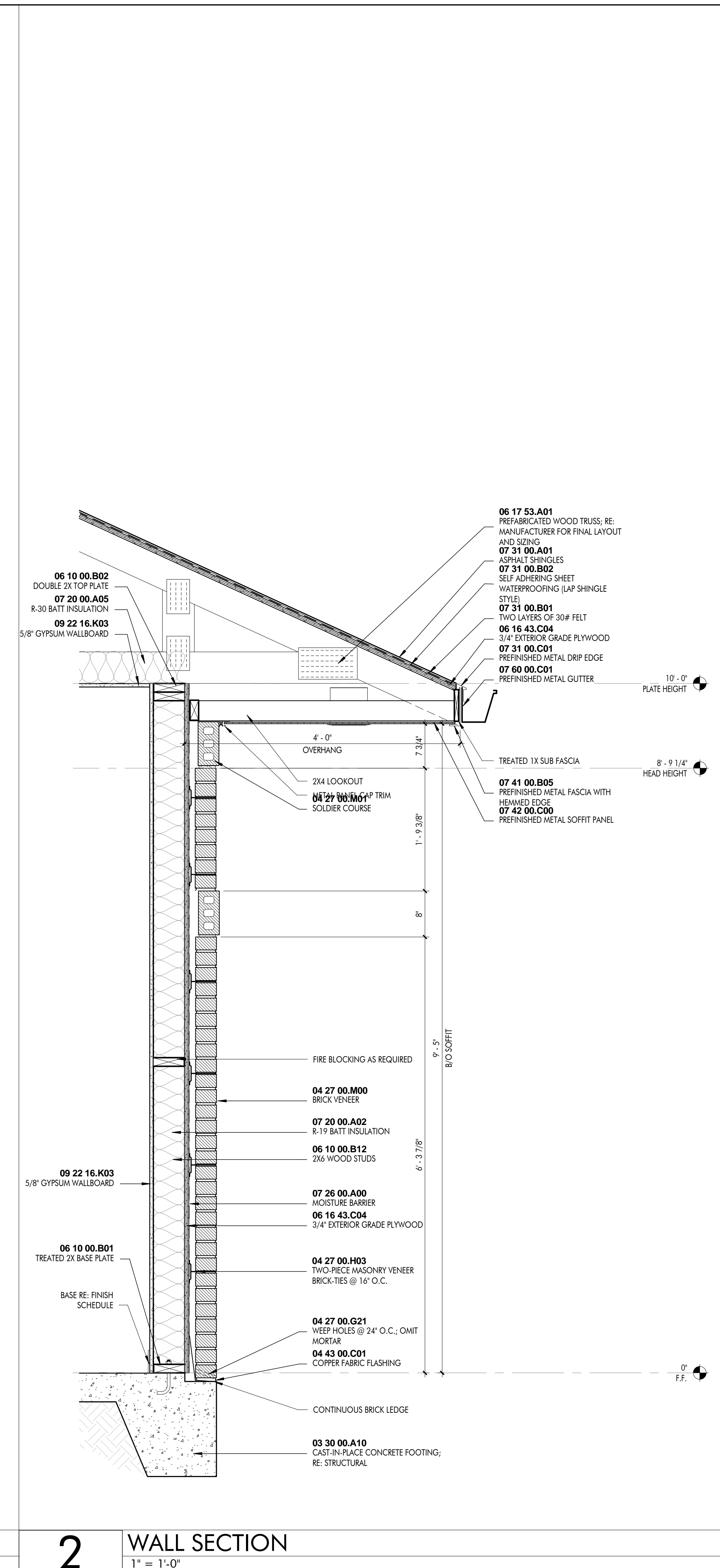
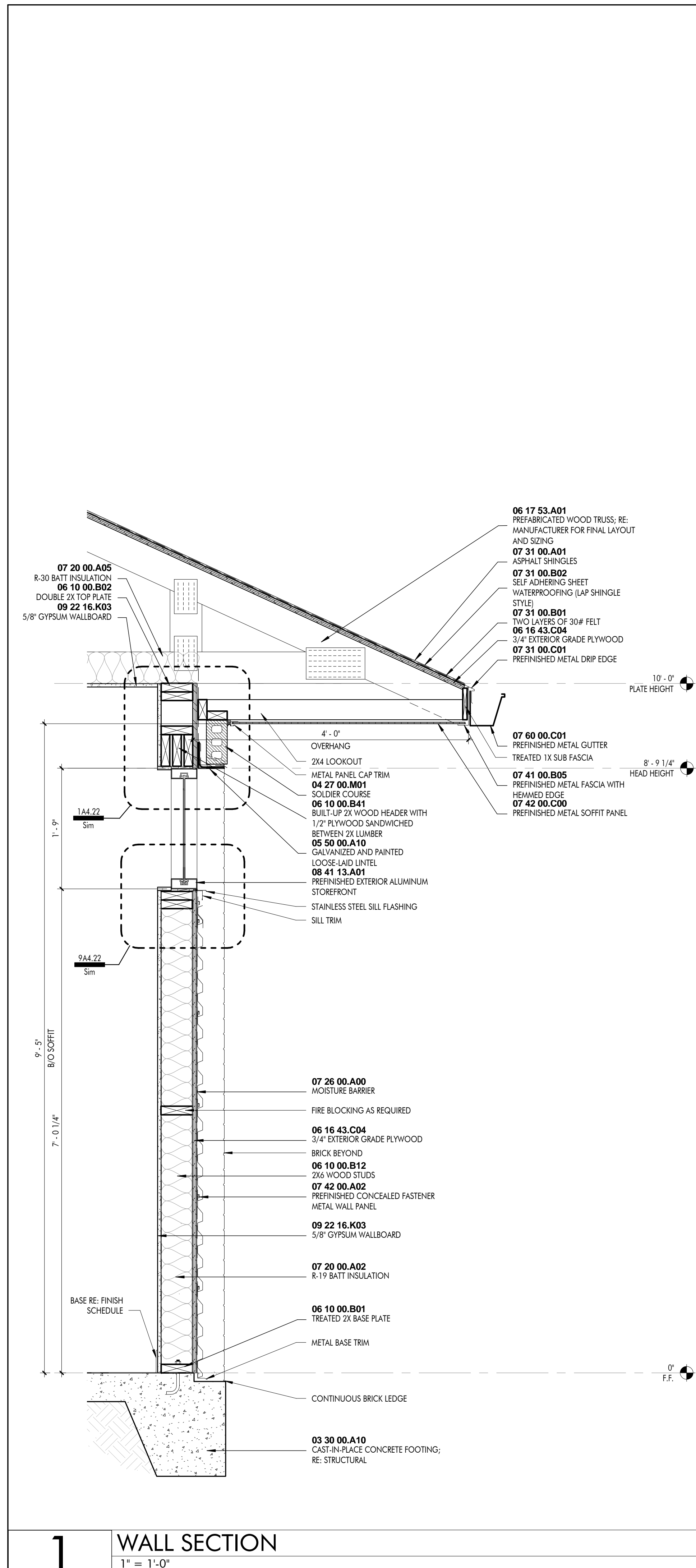
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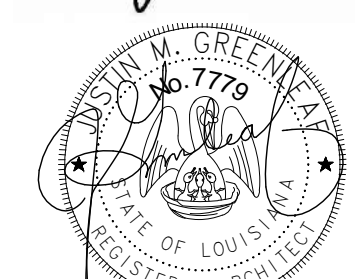
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A8.20

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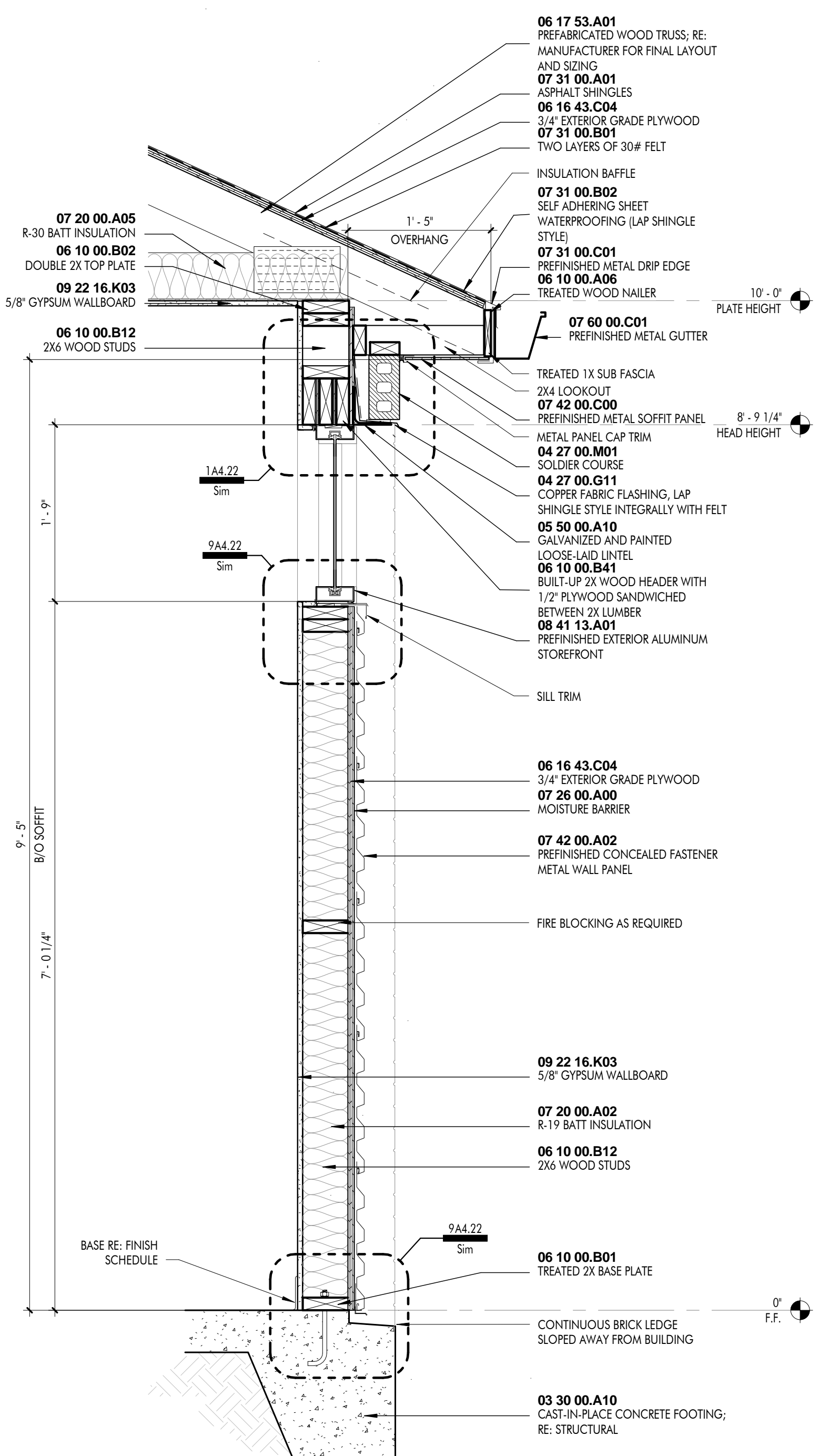
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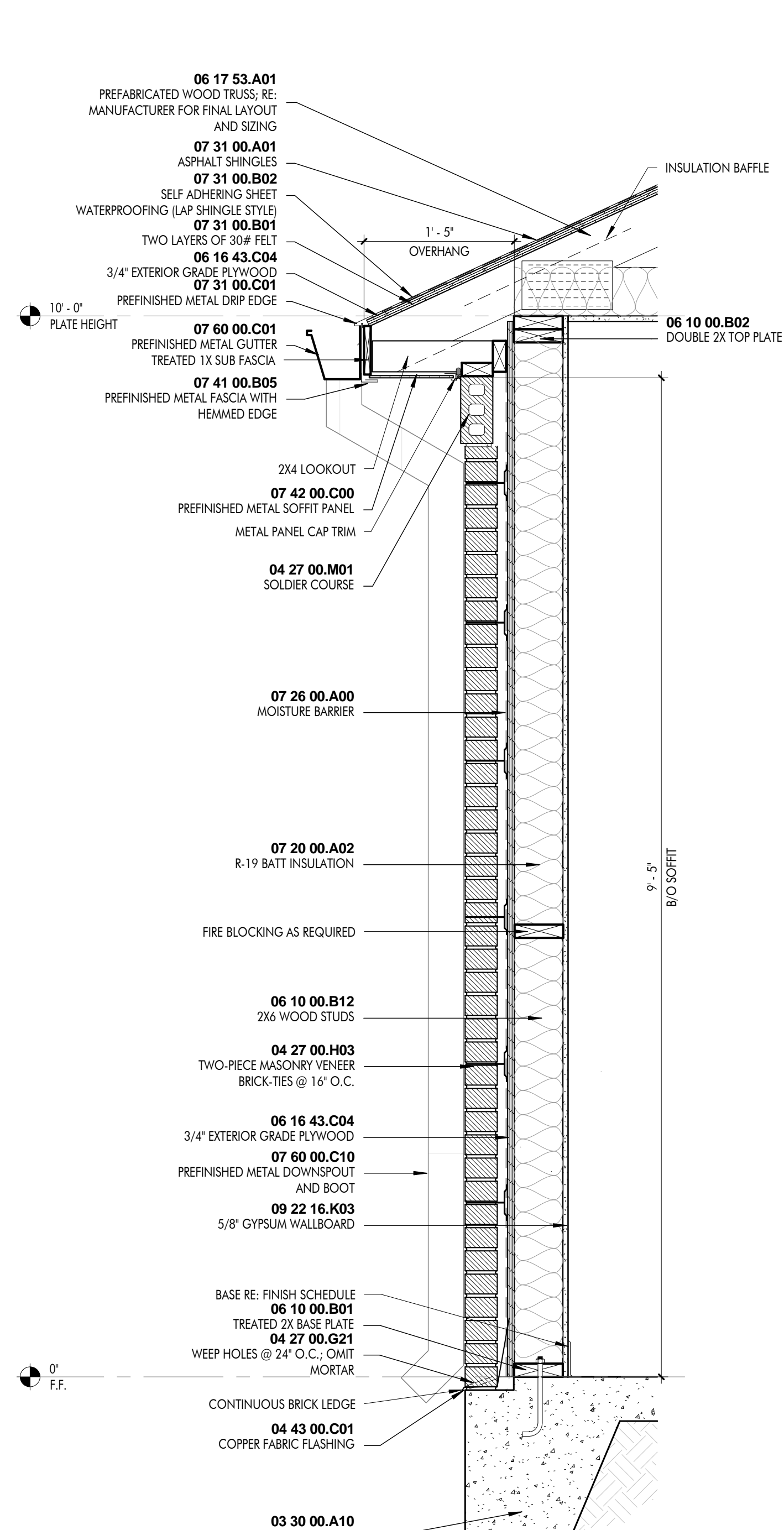
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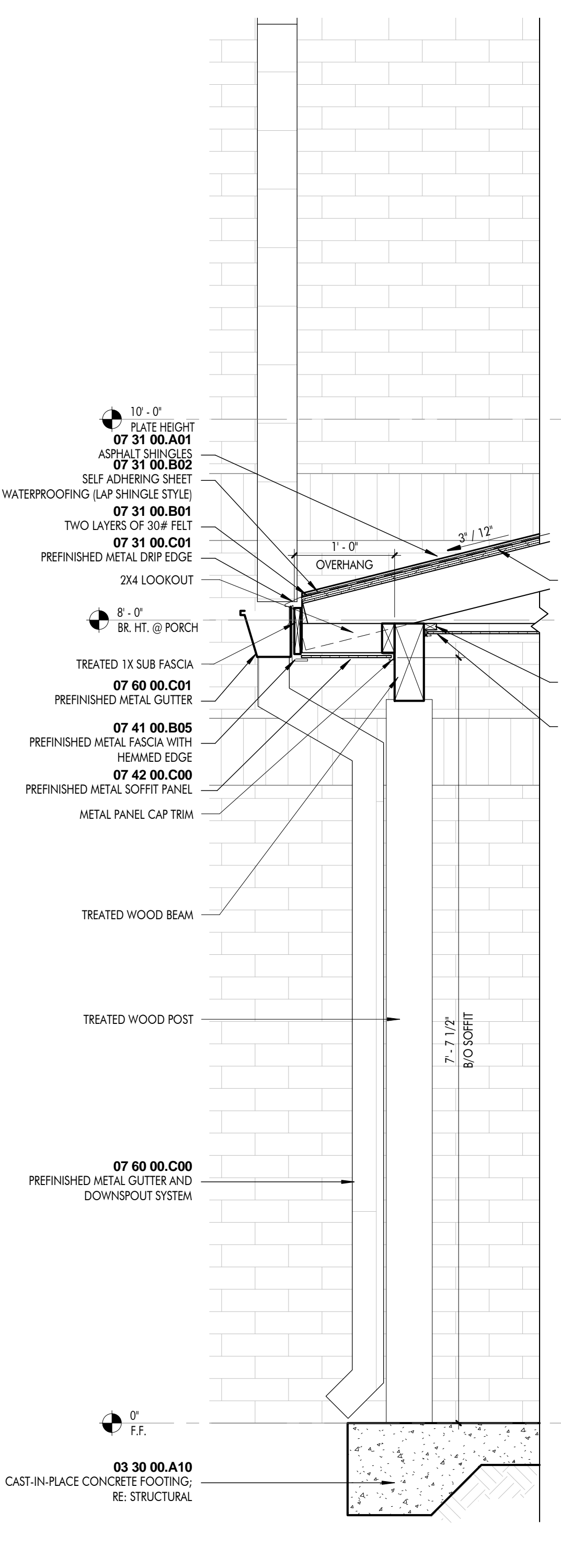
William D. Jones



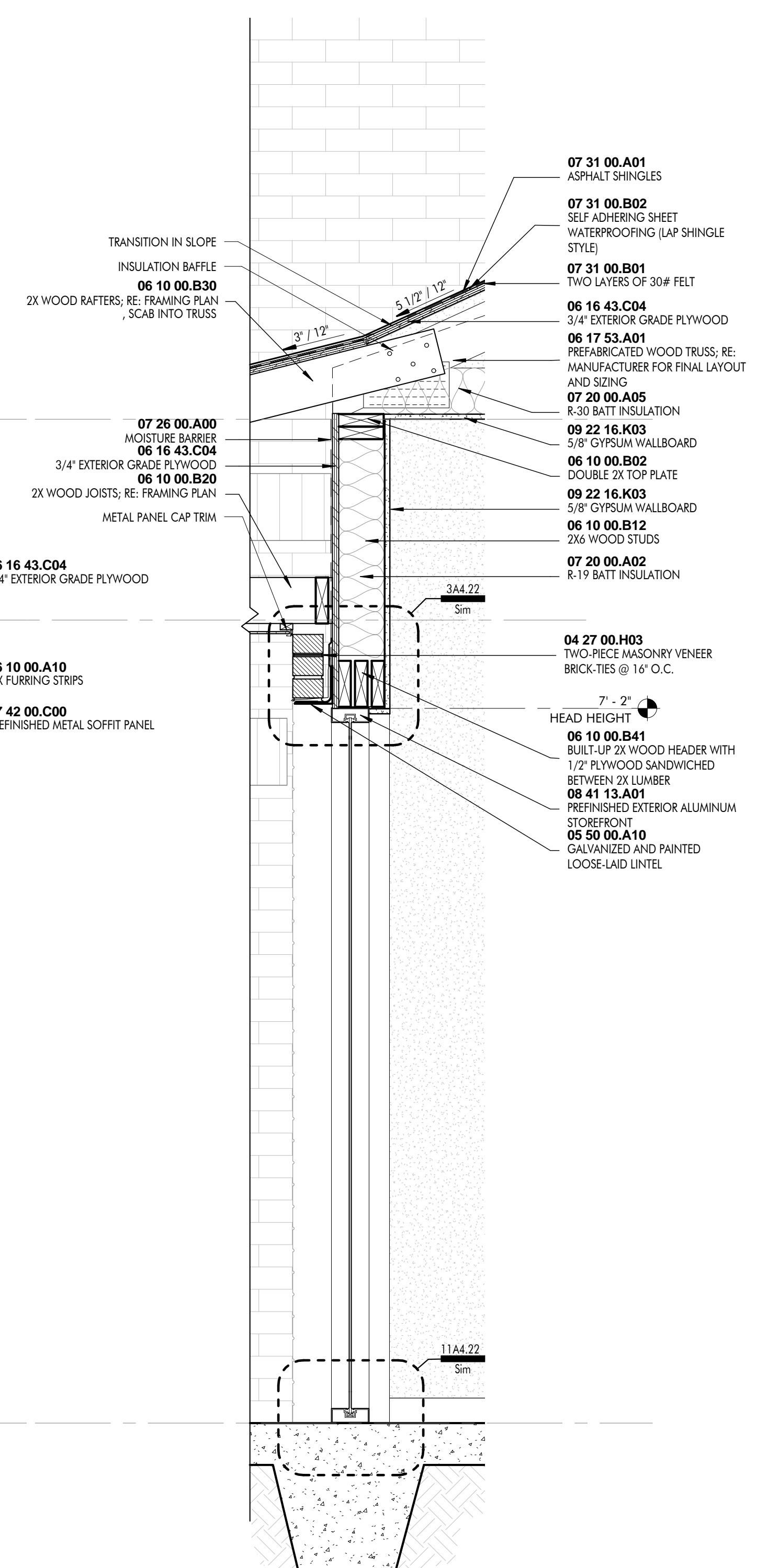
1 WALL SECTION
1" = 1'-0"



2 WALL SECTION
1" = 1'-0"



3 WALL SECTION
1" = 1'-0"



4 WALL SECTION
1" = 1'-0"



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landscape, civil, and structural engineer:
KYLE ASSOCIATES LLC
638 VILLAGE LANE NORTH
MANDERVILLE, LA 70471
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revisions		
No.	Description	Date

PROJ. # C16-0058

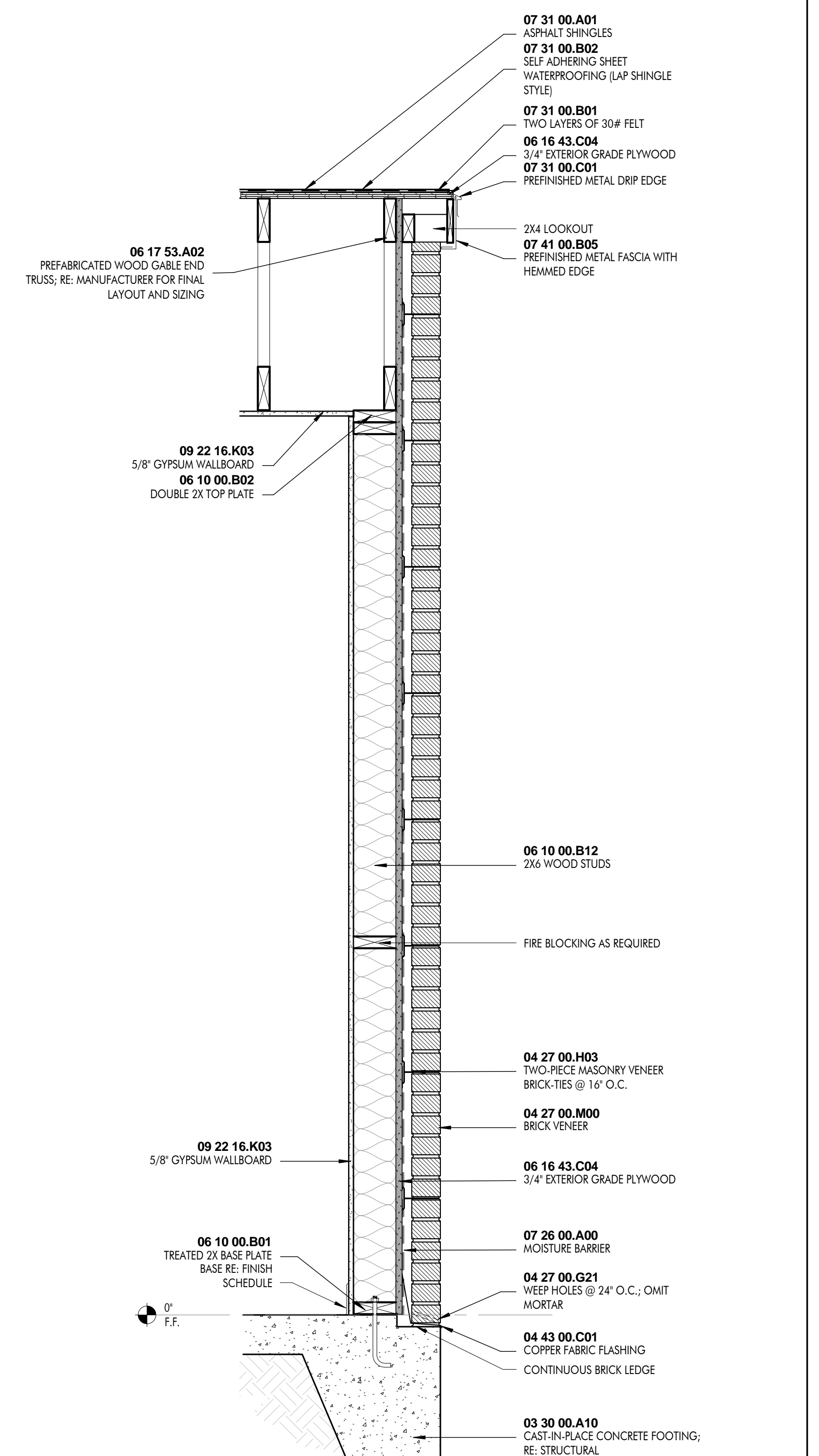
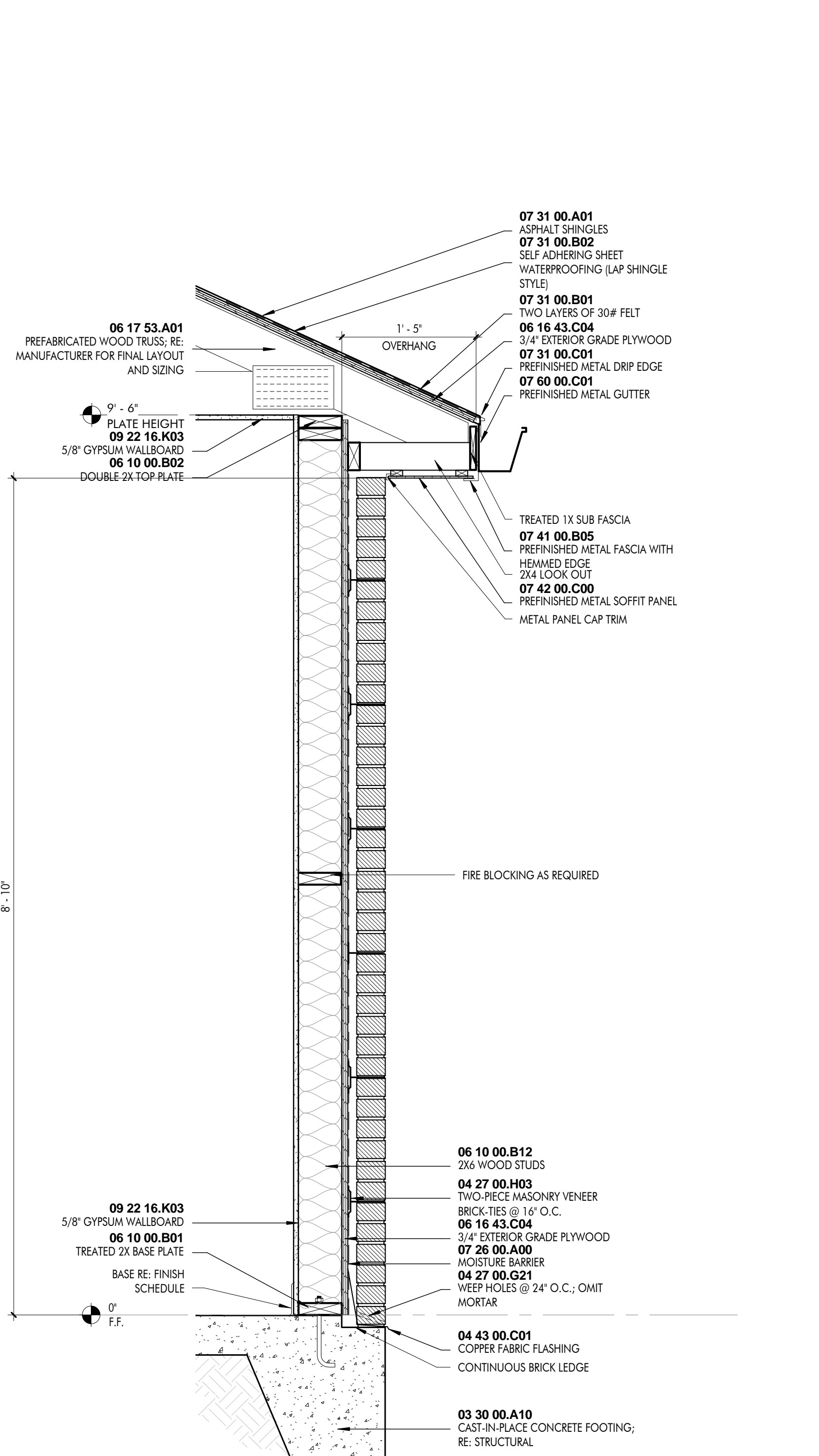
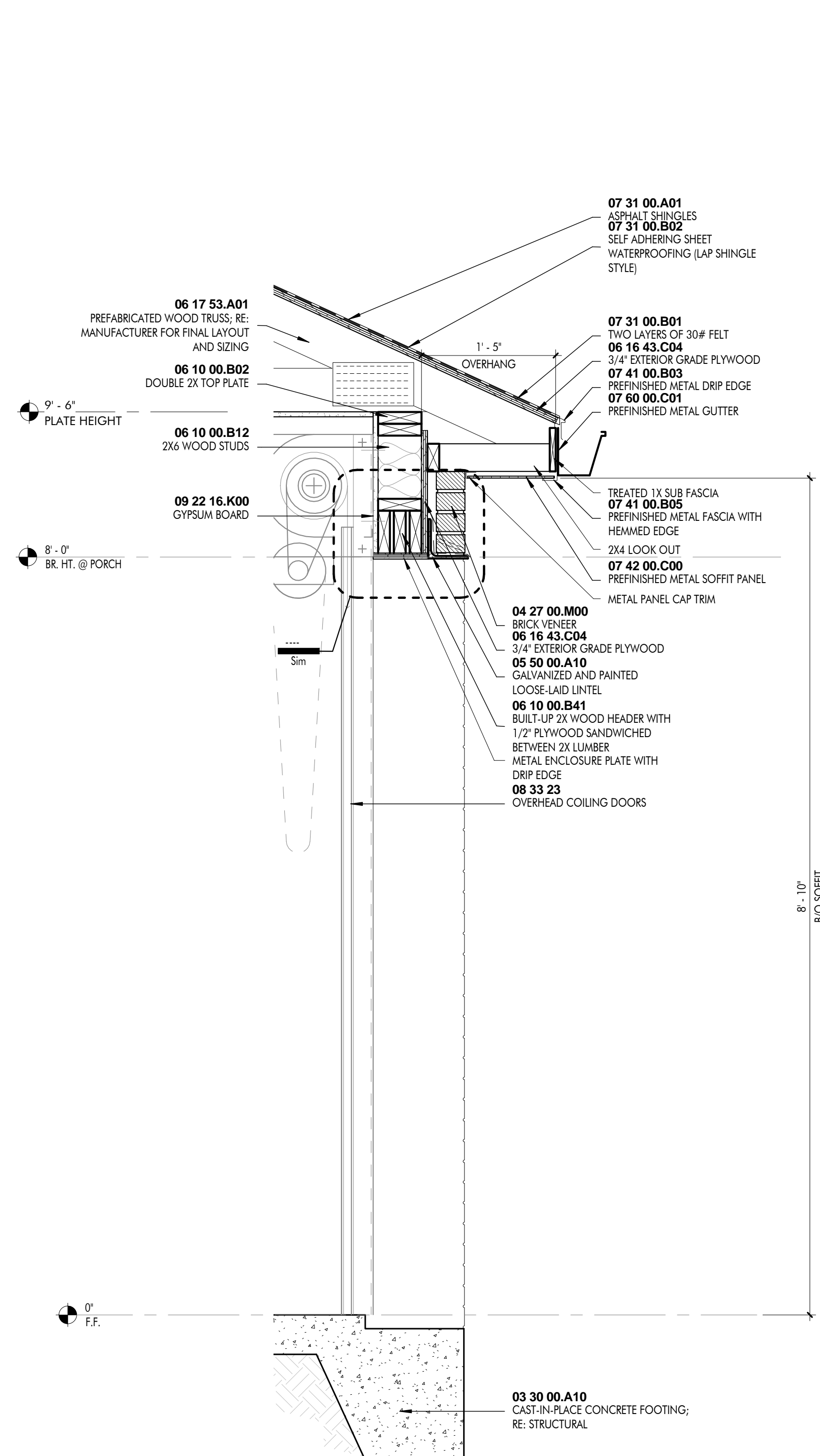
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AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO

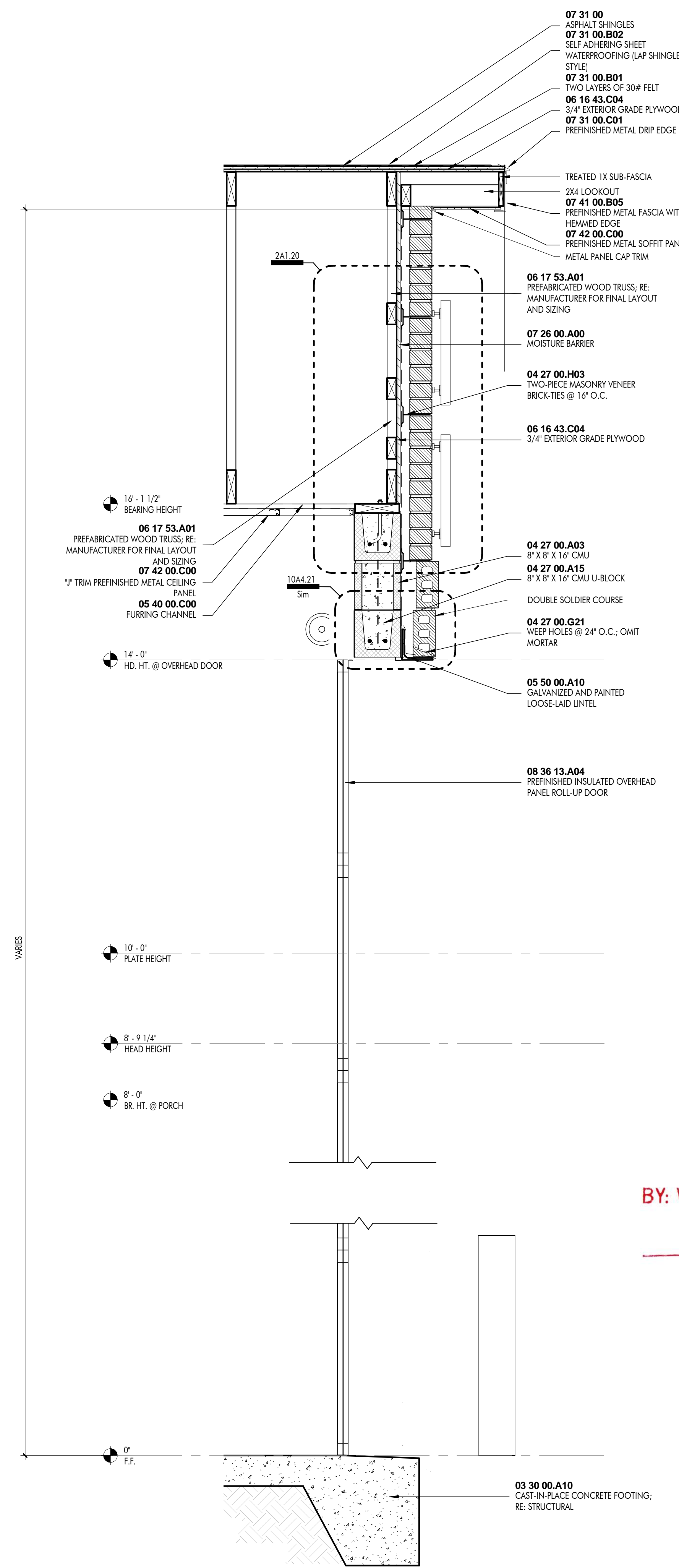
William D. Jones



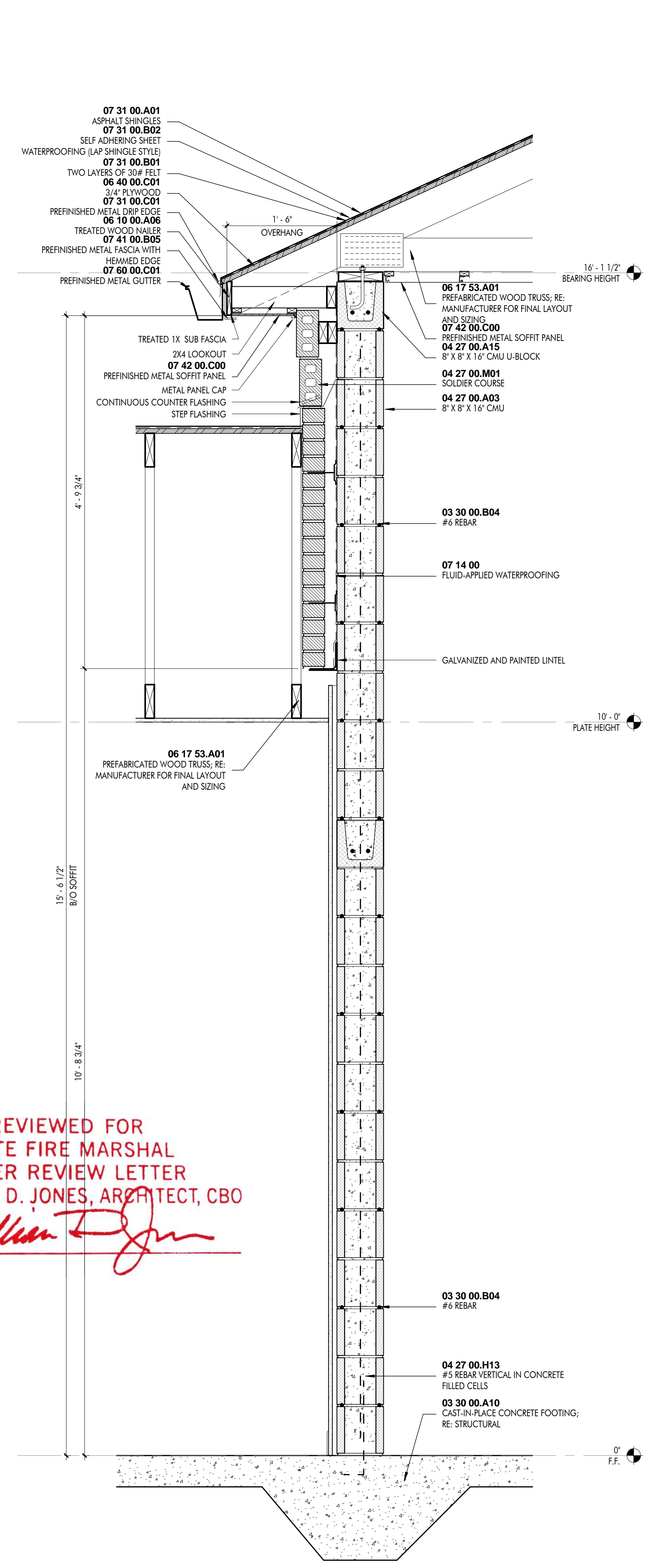
1 WALL SECTION
1" = 1'-0"

2 WALL SECTION
1" = 1'-0"

3 WALL SECTION
1" = 1'-0"

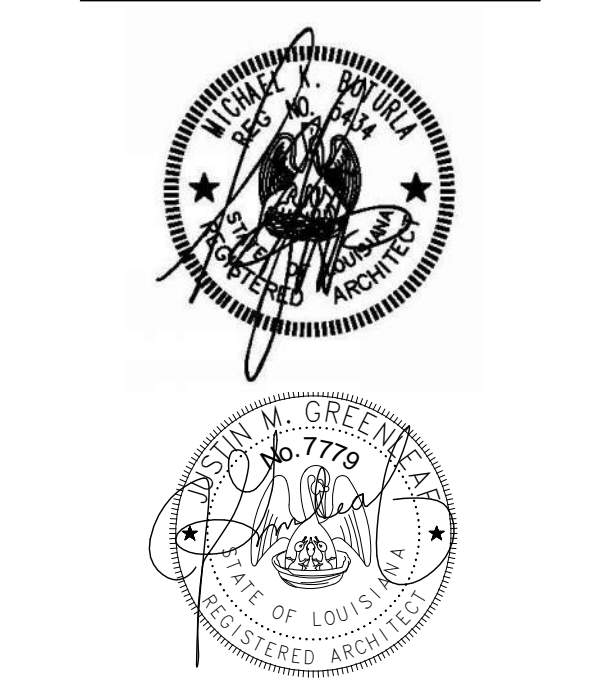


1 WALL SECTION
1" = 1'-0"



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William D. Jones

2 WALL SECTION
1" = 1'-0"

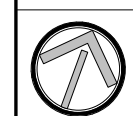


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NEW FIRE STATION & HEADQUARTERS BUILDING
522 Robert Blvd. Slidell LA, 70458

mep engineer:
CRUMB ENGINEERING LLC
4609 FAIRFIELD STREET
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landscape, civil, and structural engineer:
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1

1ST FLOOR - FINISH PLAN
3/16" = 1'-0"



FINISH SCHEDULE - By Room						
ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALL	CEILING	COMMENTS
100	CORRIDOR	LVT-1	RB-1	PT-1	CLG-1	10' - 0"
101	DAY ROOM	LVT-1	RB-1	PT-1	CLG-1	10' - 0"
102	DINING	LVT-1	RB-1	PT-1	CLG-1	10' - 0"
103	KITCHEN	LVT-1	RB-1	PT-1	CLG-1	10' - 0"
104	OFFICE	LVT-1	RB-1	PT-1	CLG-1	10' - 0"
105	TLT	CT-1	TB-1	PT-1	CLG-1	10' - 0"
106	YES	LVT-1	RB-1	PT-3	CLG-1	10' - 0"
107	OFFICE	LVT-1	RB-1	PT-1	CLG-1	10' - 0"
108	BUNK ROOM	LVT-1	RB-1	PT-2	CLG-1	10' - 0"
109	LAVS	CT-1	TB-1	PT-1	CLG-1	10' - 0"
110	TOILETS	CT-1	TB-1	PT-1	CLG-1	10' - 0"
111	SHWR.	CT-1	TB-1	PT-1	CLG-1	10' - 0"
112	LINEN	CT-1	RB-1	PT-1	CLG-1	10' - 0"
113	I.T.	LVT-1	RB-1	PT-1	CLG-1	10' - 0"
114	ENGINE BAY	CON-1	-	-	MTL-1	16' - 0"
115	UTILITY / STO	CON-1	RB-1	PT-1	CLG-1	10' - 0"
116	STORAGE	CON-1	RB-1	PT-1	CLG-1	10' - 0"
117	ELECT / STO	CON-1	RB-1	PT-1	CLG-1	10' - 0"
118	TLT	CON-1	TB-1	PT-1	CLG-1	10' - 0"
119	SPRINK	CON-1	RB-1	PT-1	CLG-1	10' - 0"
120	PORCH	-	-	-	-	-

FINISH TYPES		
NOTE: REFER TO FINISH LEGEND & SCHEDULE FOR FURTHER INFORMATION		
CT-1		CERAMIC TILE
CON-1		SEALED CONCRETE WITH BROOM FINISH
VCT-1		VINYL COMPOSITION TILE

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FINISH SCHEDULE LEGEND	
FLOORING	<p>LUXURY VINYL TILE: MANNINGTON NATURES PATH RESILIENT LVT (LVT-1) MANNINGTON NATURES PATH RESILIENT LVT, WINDSOR OAK CHESTNUT</p> <p>PORCELAIN TILE: ATLAS CONCORDE PORCELAIN TILE (TL-1) PORCELAIN: ATLAS CONCORDE FRAY - COLOR: SMOKE, 12X24 FLOOR TILE (50% RUNNING BOND INSTALL)</p>
FLOOR BASE	<p>RUBBER BASE ROPPE RUBBER COVE BASE OR APPROVED EQUAL (RB-1) 4" RUBBER COVE BASE. COLOR: CHARCOAL. PROVIDE SEALANT AT JOINT BETWEEN FLOOR AND BASE, BASE AND WALL SURFACE.</p> <p>TILE BASE ATLAS CONCORDE PORCELAIN TILE (TB-1) PORCELAIN: ATLAS CONCORDE FRAY - COLOR: PEARL, 12X24 TILE 6" X 12 COVE NOSE</p>
WALL	<p>INTERIOR PAINT ** ALL WALLS TO BE PT-1 UNLESS NOTED OTHERWISE BENAJAMIN MOORE; (PT-1) BENJAMIN MOORE LIGHT PEWTER (1464) EGGSHELL (PT-2) BENJAMIN MOORE SILVER SPRING (2120-50) EGGSHELL (PT-3) BENJAMIN MOORE SPANISH RED (1301) EGGSHELL</p> <p>PORCELAIN TILE: ATLAS CONCORDE PORCELAIN TILE (TL-2) PORCELAIN: ATLAS CONCORDE FRAY - COLOR: PEARL, 12X24 FLOOR TILE (50% RUNNING BOND INSTALL) SCHLUTER QUADEC TRIM AT TOP</p>
CEILING	<p>DRYWALL PAINTED DRYWALL (CLG-1) PAINTED DRYWALL</p> <p>METAL PANEL BERRIDGE 'L' PANEL OR APPROVED EQUAL (MTL-1) BERRIDGE NO GROOVE 'L' PANEL OR APPROVED EQUAL</p>
COUNTERTOPS	<p>PLASTIC LAMINATE: STANDARD DESIGNS OR APPROVED EQUAL (PL-2) LUNA NIGHT 1854K-35 HD LAMINATE</p> <p>GRANITE: STANDARD DESIGNS OR APPROVED EQUAL (GC-1) BASIC TYPE OR APPROVED EQUAL</p>
MILLWORK	<p>PLASTIC LAMINATE: WILSONART - HIGH PRESSURE LAMINATE, STANDARD DESIGNS OR APPROVED EQUAL (PL-1) WILSONART HIGH INE 7970K-18 PREMIUM LAMINATE (PL-3) PEWTER MESH 4878-38 STANDARD LAMINATE</p>



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JOINT VENTURE -
greenleafarchitects

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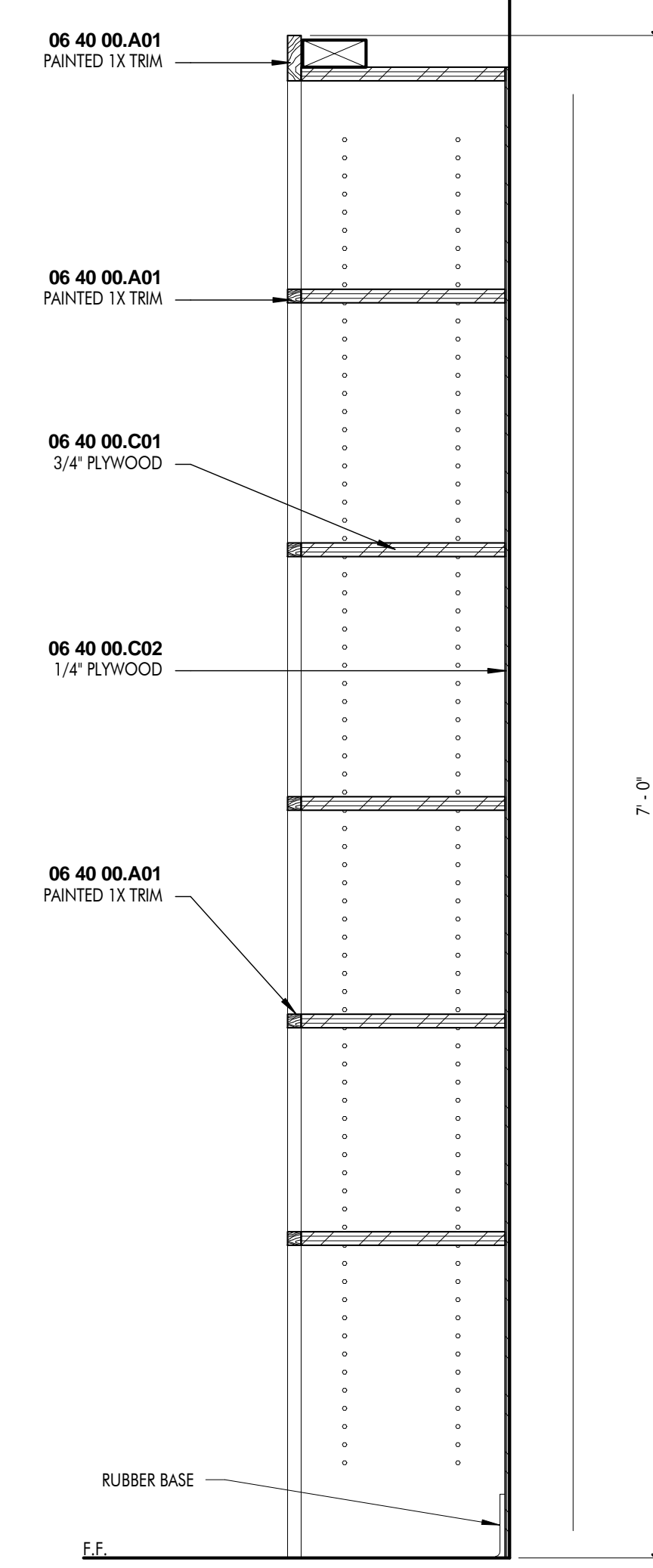
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MANDEVILLE, LA 70471
985.727.9377

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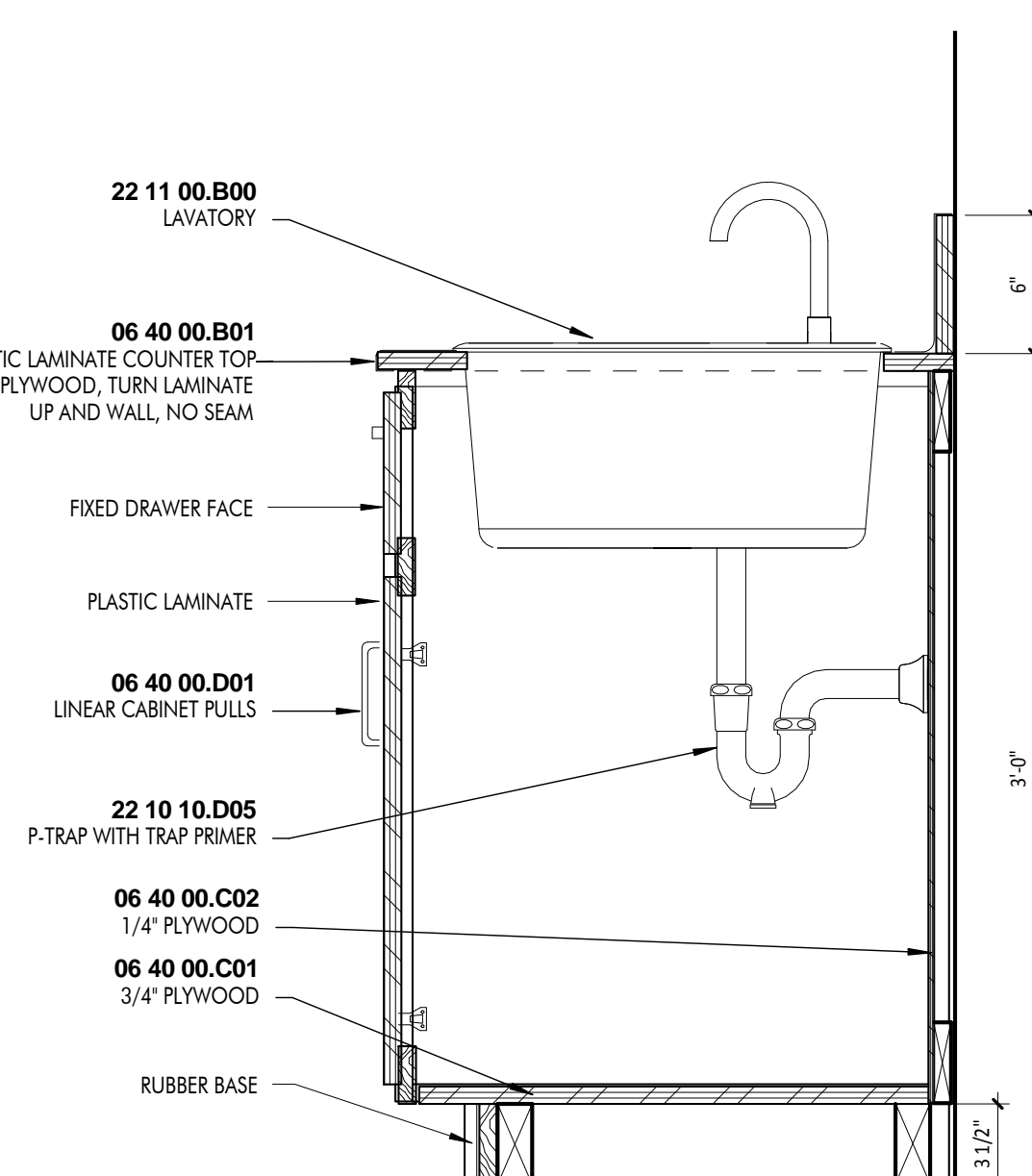
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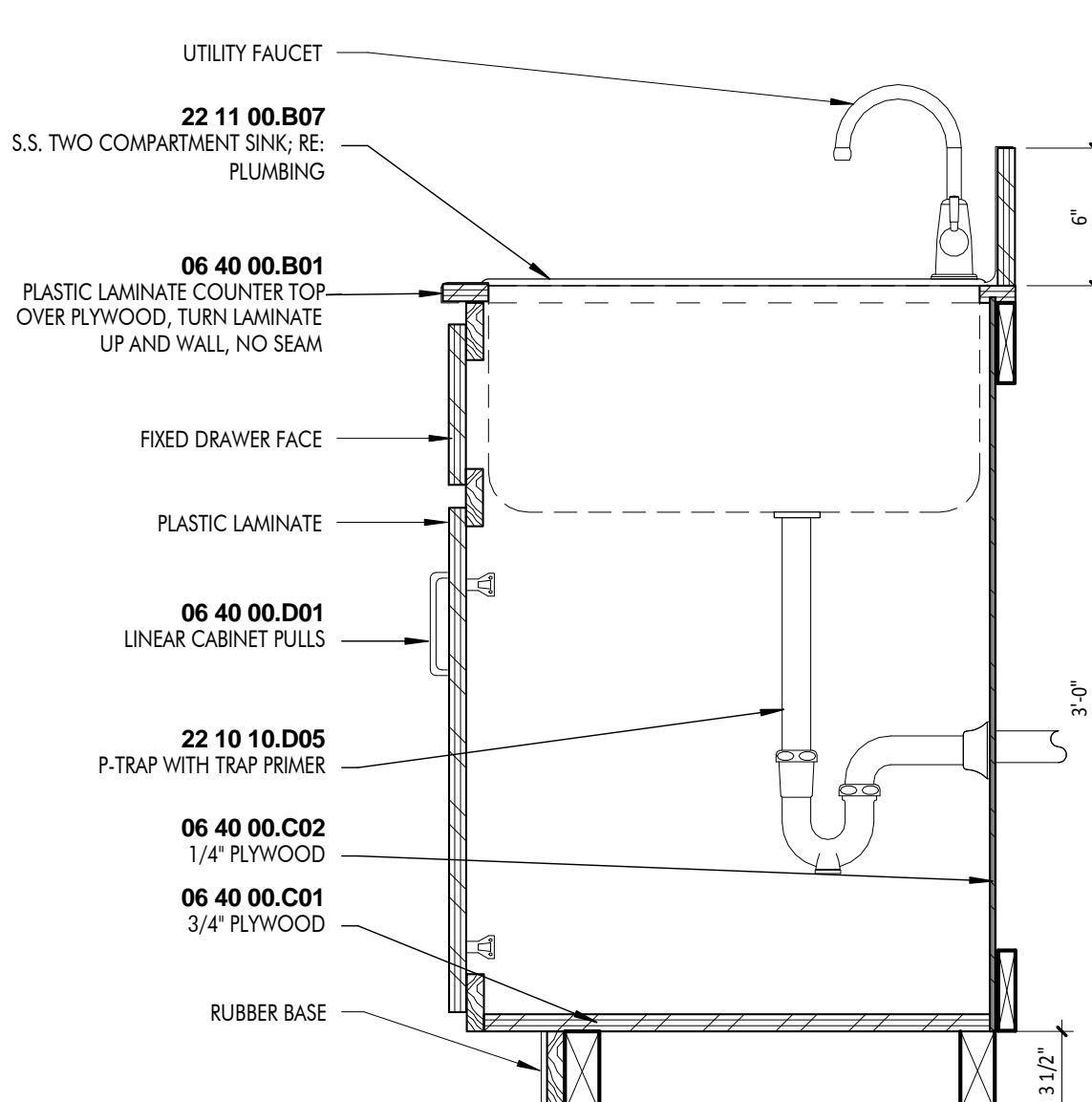


7 SECTION - SHELVING MILLWORK
1 1/2" = 1'-0"

3 SECTION - LAV @ DRAWERS
1 1/2" = 1'-0"

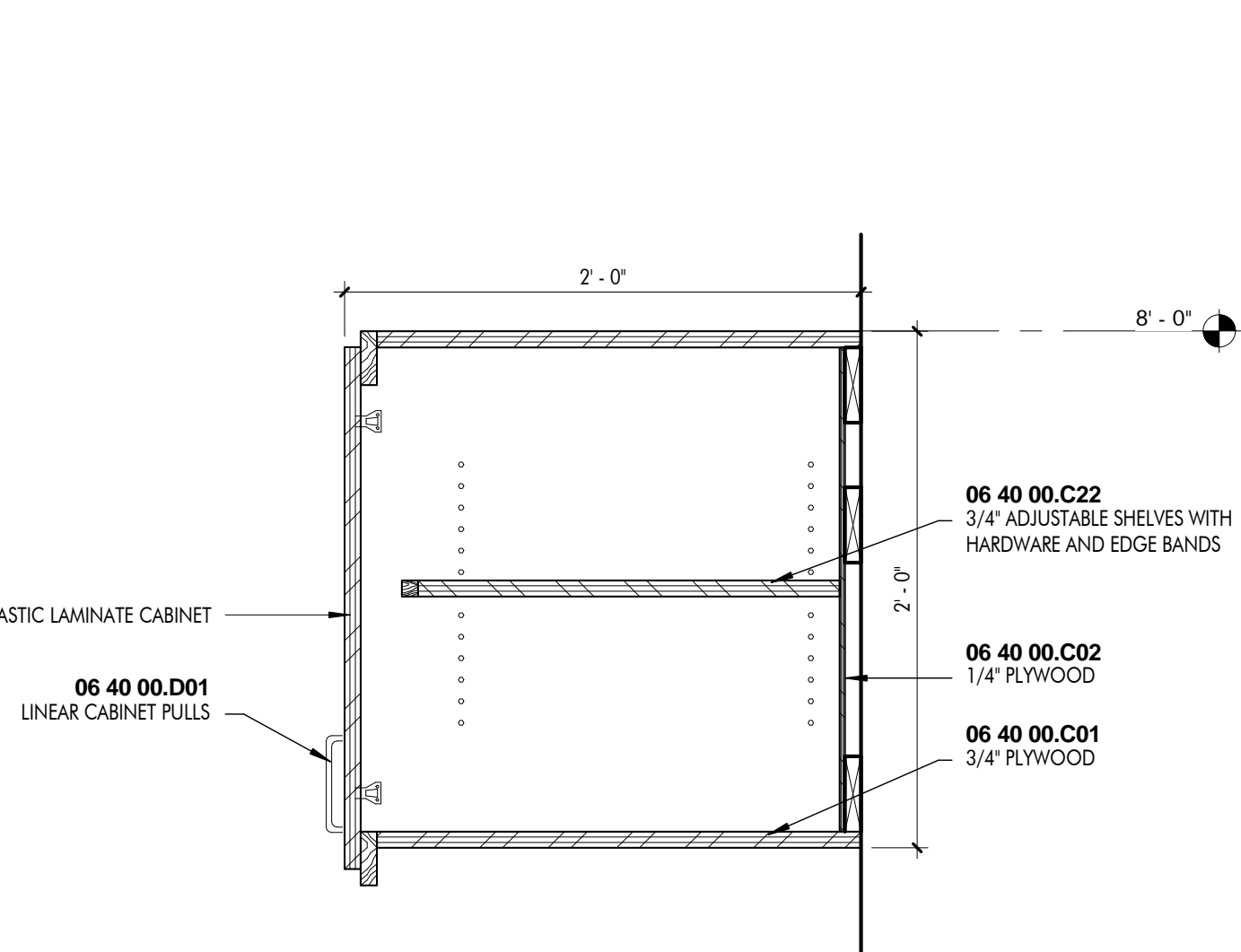


6 SECTION - ADA BATHROOM SINK
1 1/2" = 1'-0"

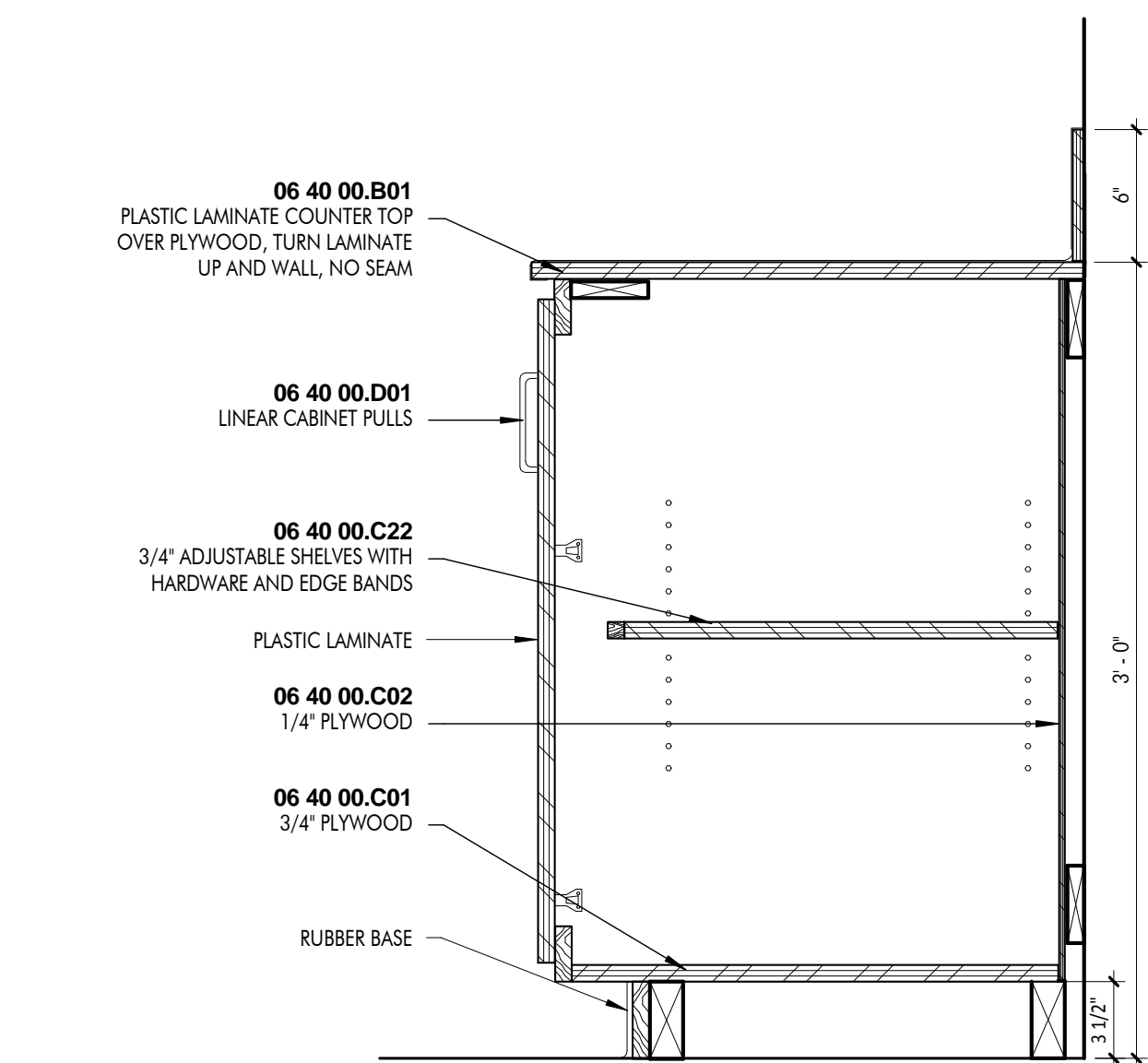


9 SECTION - UTILITY SINK TYP.
1 1/2" = 1'-0"

2 SECTION - KITCHEN BAR CABINET
1 1/2" = 1'-0"



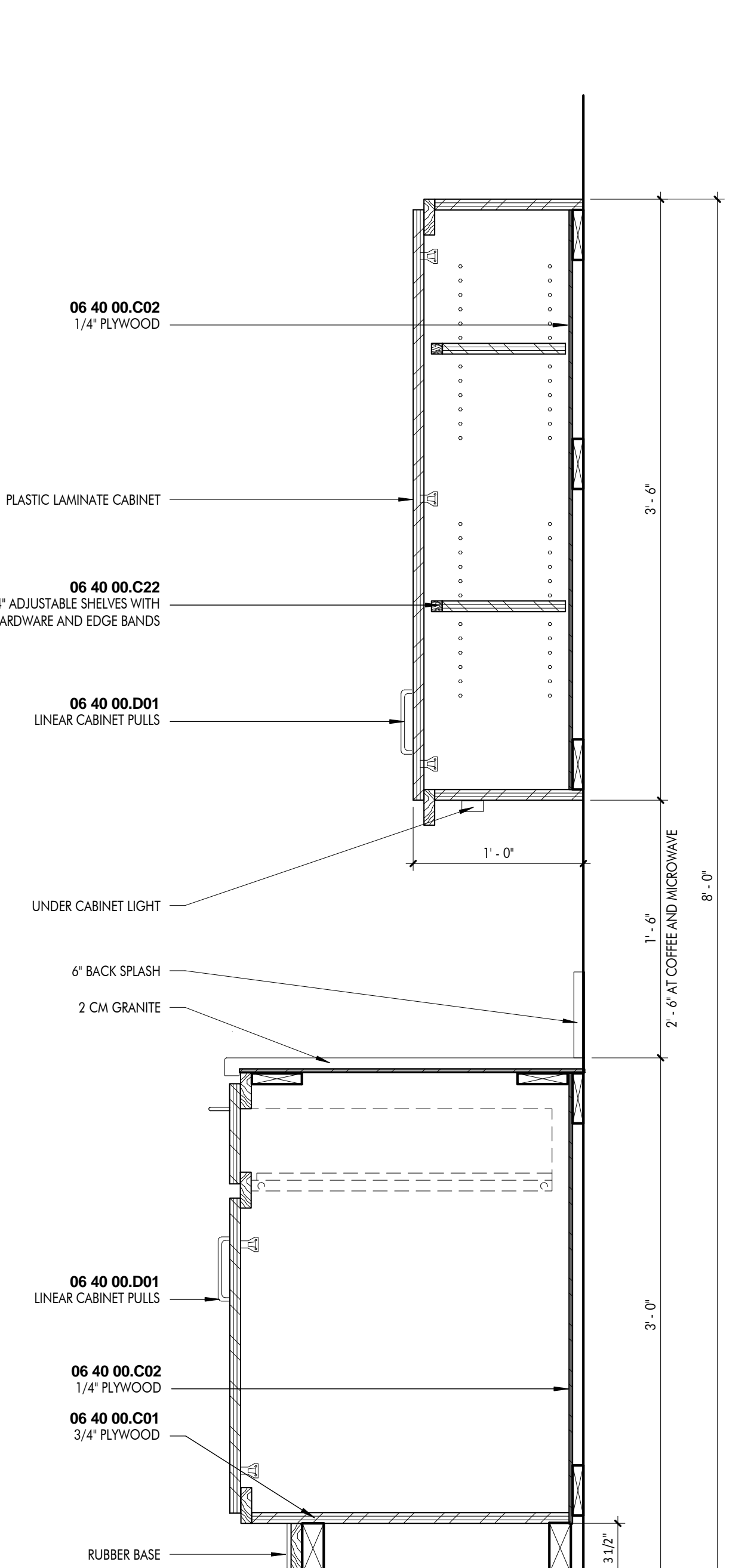
5 SECTION - OVER FRIDGE CABINET
1 1/2" = 1'-0"



8 SECTION - UTILITY CABINET TYP.
1 1/2" = 1'-0"

1 SECTION - KITCHEN SINK TYP.
1 1/2" = 1'-0"

4 SECTION - OVERALL CABINET TYP.
1 1/2" = 1'-0"



BUILDING CODE: INTERNATIONAL BUILDING CODE, 2012 EDITION
 LIFE SAFETY CODE: NFPA 100, 2012 EDITION
 OTHER CODES: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

IBC

BUILDING OCCUPANCY: MIXED OCCUPANCY, BUSINESS (B) / STORAGE (S-2)
 CONSTRUCTION TYPE AS PER TABLE 601: TYPE VB
 OCCUPANT LOAD AS PER TABLE 1004.1.2: (B) 16 OCCUPANTS / (S-2) 6 OCCUPANTS
 MAXIMUM ALLOWABLE HEIGHT: 45'-0"
 ACTUAL HEIGHT: 25'-0"
 MAXIMUM ALLOWABLE AREA: 9,000 SF (PRIOR TO HEIGHT / AREA INCREASE)
 ACTUAL AREA: 6,177 SF
 SEPERATION REQUIREMENTS AS PER TABLE 302.3.2:
 FIRE PROTECTION PROVIDED:
 - 1 HOUR FIRE RATED SEPERATION BETWEEN (B) & (S-2) WHEN BUILDING EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEM.
 - 1 HOUR FIRE RATED PARTITION BETWEEN (B) & (S-2) REQUIRED, 2 HOUR PROTECTION PROVIDED WITH UL WALL ASSEMBLY 905
 - 45 MIN. FIRE RATED DOOR REQUIRED WITHIN FIRE RATED WALL ASSEMBLY
 - SMOKE PARTITION LOCATED AROUND BUNKROOM AND OFFICES
 REFER TO LIFE SAFETY PLANS FOR EGRESS WIDTHS AND OCCUPANT LOADS

MEANS OF EGRESS REQUIREMENTS:

AUTOMATIC SPRINKLER SYSTEM THROUGHOUT BUILDING REFER TO

NFPA 101

CLASSIFICATION OF OCCUPANCY: MULTIPLE OCCUPANCY
 - BUSINESS & STORAGE (LOW HAZARD)
 REQUIRED SEPERATION AS PER TABLE 6.1.1.4.1:
 - 2 HOUR FIRE RATING WITH 1 HOUR REDUCTION WITH PROTECTION OF AUTOMATIC SPRINKLER SYSTEM THROUGHOUT.

MEANS OF EGRESS

REFER TO LIFE SAFETY PLAN FOR:
 - CAPACITY / NUMBER OF EGRESS REQUIRED & PROVIDED
 - ARRANGEMENT OF EGRESS REQUIRED
 - DEAD END CORRIDOR NOT TO EXCEED 20'
 - COMMON PATH OF TRAVEL NOT TO EXCEED 100'
 - TRAVEL DISTANCE NOT TO EXCEED 300'
 - AS PER TABLE 42.2.5, COMMON PATH OF TRAVEL NOT LIMITED IN STORAGE BY AUTOMATIC SPRINKLER SYSTEM

OCCUPANCY WHEN PROTECTED

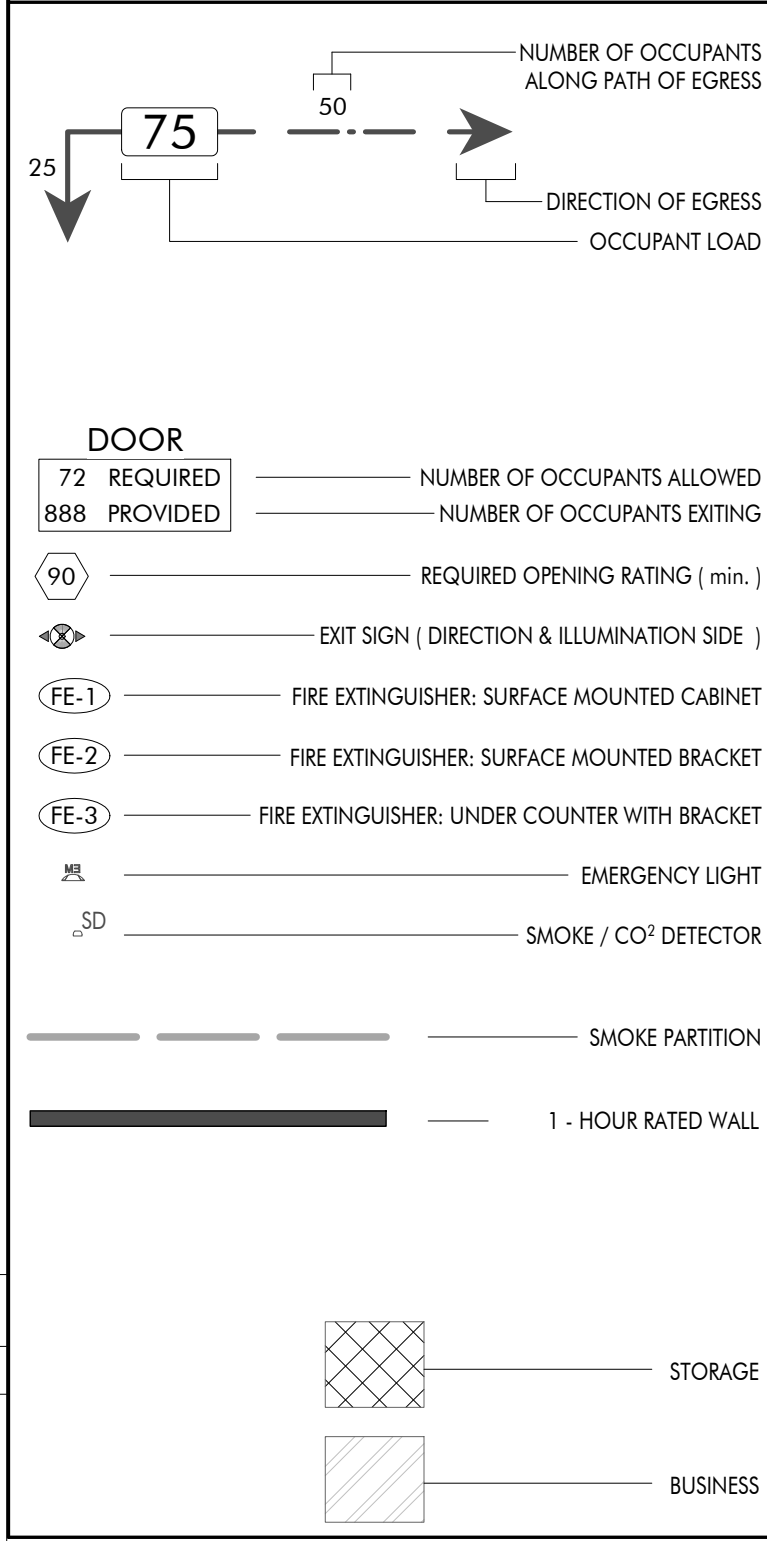
ADA

SPECIAL REQUIREMENTS:

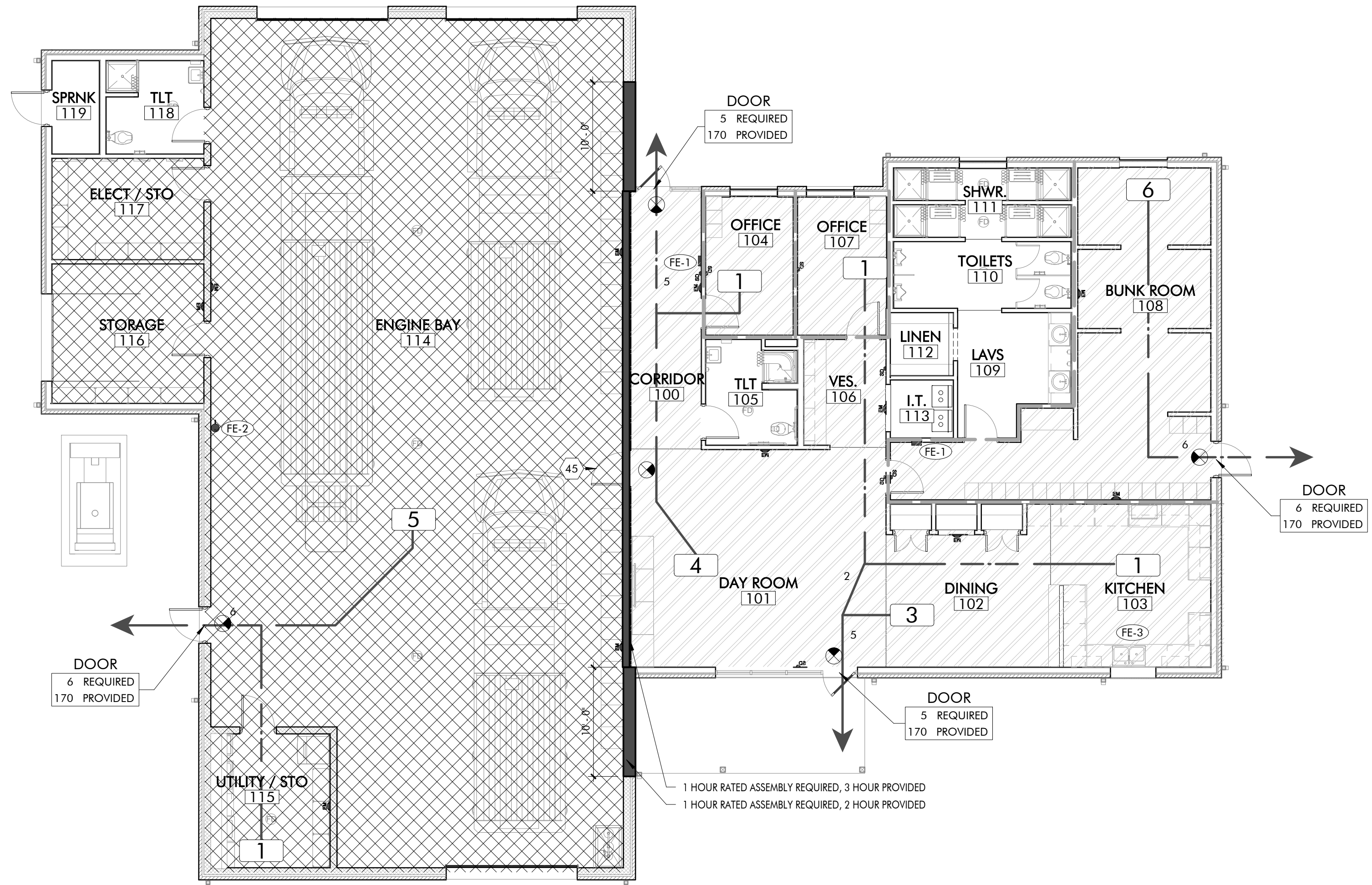
REFER TO 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
 NONE

1 BUILDING CODE AND LIFE SAFETY INFO.

LIFE SAFETY LEGEND



2 1ST FLOOR - LIFE SAFETY
 1/8" = 1'-0"



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- JOINT VENTURE -



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