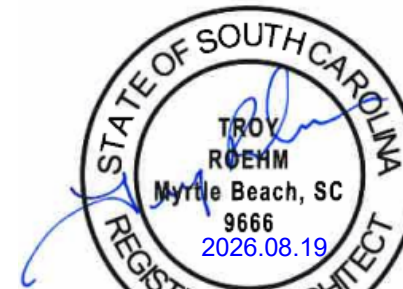


**209 Daytona Street
Conway, South Carolina 29526**



LS3P

3067 DEVILLE STREET
MYRTLE BEACH, SOUTH CAROLINA 29577
TEL. 843.872.0360
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HGTC - Conway Daytona Building Renovation

Δ	DATE	DESCRIPTION
0	2026.05.01	PERMIT SET
1	2026.08.19	PERMIT REVISIONS

[illegible]

SHEET NAME:
COVER SHEET

ORIG SUBMISSION: 2026.05.01

SHEET: **G-000C**

PERMIT SET



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NOTE:
LEGEND INFORMATION
PROVIDED BY THE 2010
ADA STANDARDS AND
2017 ANSI STANDARDS

The diagram illustrates a cross-section of a public restroom with the following components and dimensions:

- DRINKING FOUNTAIN:** ADA compliant height range of 3'-0" MAX. to 3'-6". Standing person clearance is 38" - 43".
- MOP & BROOM HOLDER:** Height of 6'-0".
- FIRE EXTINGUISHER:** Top of fire mech. at 4'-0" MAX.
- PAPER TOWEL DISPENSER:** Top of fire mech. at 4'-0" MAX.
- GRAB BAR:**
 - Height from floor: 33" - 36".
 - Clearance from wall: 6" MAX.
 - Length: 42" MIN.
 - Distance from side wall: 36" MIN.
 - Horizontal distance from toilet centerline: 16" - 18".
 - Vertical distance from toilet bowl rim: 17" - 19".
 - Minimum clear width: 5'-0" MIN.
- SANITARY DISPOSAL UNIT:**
 - Height from floor: 33" - 36".
 - Clearance from side wall: 8 1/2" MIN.
 - Top of unit: 2'-10" MAX.
 - B.O. REF SURF: 3'-4" MAX.
- Toilet:**
 - Front clearance: 33" - 36".
 - Side clearance: 18" MIN.
 - Grab bar height: 39" - 41" (range), 39" MIN., 41" MAX.
 - Grab bar length: 4'-6" MIN.
 - Grab bar offset: 2'-0" MIN.
 - Grab bar vertical offset: 1'-0" MAX.
 - Grab bar horizontal offset: 18" MIN.
 - Grab bar angle: 1 1/2" MIN.
 - Bottom clearance: 7"-9".
 - Back clearance: 39" - 41".
- MIRROR:** Located above the sink area.
- SOAP DISPENSER:** Located below the mirror.
- T.O. REF SURF:** 2'-10" MAX.
- WASTE RECEPTILE:**
 - Height from floor: 48" MAX.
 - Top of oper. mech.: 48" MAX.
- PAPER TOWEL DISPENSER:**
 - Height from floor: 48" MAX.
 - Top of oper. mech.: 48" MAX.
 - Niche depth: 1'-5 3/16".
 - Full tile niche back.
 - Tile base.
- Other Details:**
 - Extend floor tile to niche bottom.
 - Paper towel disp./disposal section - recessed.
 - Paper towel disp./disposal single elev. - recessed.

ALL GRAB BARS TO RESIST 250 LBS. MIN.FORCE IN ANY DIRECTION

NUMBER	NAME	REV#	DATE
PROJECT INFORMATION			
G-000C	COVER SHEET	1	2026.08.19
CODE COMPLIANCE			
G-101	LIFE SAFETY PLAN-LEVEL 1	1	2026.08.19
SPECIFICATIONS			
G-201	SPECIFICATIONS	0	2026.05.01
G-202	SPECIFICATIONS	0	2026.05.01
G-203	SPECIFICATIONS	0	2026.05.01
G-204	SPECIFICATIONS	0	2026.05.01
G-205	SPECIFICATIONS	0	2026.05.01
G-206	SPECIFICATIONS	0	2026.05.01
G-207	SPECIFICATIONS	0	2026.05.01
STRUCTURAL			
S1.0	FOUNDATION AND FRAMING PLANS	0	2026.05.01
S2.0	TYP. WALL SECTIONS & DETAILS	0	2026.05.01
S2.1	TYP. SECTIONS & BRACING PLANS	0	2026.05.01
ARCHITECTURAL INFORMATION			
A-004	PARTITION DETAILS AND TYPES / TYP. SIDEWALK DETAILS	1	2026.08.19
ARCHITECTURAL DEMOLITION			
AD-101	DEMOLITION FLOOR PLAN- LEVEL 1 & 2	1	2026.08.19
AD-121	DEMOLITION CEILING PLAN- LEVEL 1 & 2	0	2026.05.01
ARCHITECTURAL PLANS			
A-101	FLOOR & CEILING PLAN PLAN	1	2026.08.19
A-423	RESTROOM ENLARGED PLANS AND ELEVATIONS	0	2026.05.01
A-424	LAB ENLARGED PLANS AND ELEVATIONS	0	2026.05.01
A-651	DOORS, INTERIOR FINISHES & ROOM FINISH SCHEDULES	0	2026.05.01
PLUMBING			
P000	PLUMBING - LEGEND, ABBREVIATIONS, NOTES & SPECIFICATIONS	0	2026.05.01
P101	PLUMBING - SANITARY & VENT PLAN	0	2026.05.01
P201	PLUMBING - DOMESTIC WATER PLAN	0	2026.05.01
PD101	PLUMBING - PLANS - DEMO	0	2026.05.01
MECHANICAL			
M000	MECHANICAL - LEGEND, ABBREVIATIONS, NOTES & SPECIFICATIONS	0	2026.05.01
M101	MECHANICAL - HVAC PLAN	0	2026.05.01
M001	MECHANICAL - SCHEDULES	0	2026.05.01
M0101	MECHANICAL - HVAC PLAN - DEMO	0	2026.05.01
ELECTRICAL			
E000	ELECTRICAL - LEGEND, ABBREVIATIONS, NOTES & SPECIFICATIONS	0	2026.05.01
E101	ELECTRICAL - LIGHTING PLAN	1	2026.07.06
E201	ELECTRICAL - POWER PLAN	0	2026.05.01
E601	ELECTRICAL - SINGLE LINE DIAGRAM & SCHEDULES	0	2026.05.01
ED101	ELECTRICAL - LIGHTING PLAN - DEMO	0	2026.05.01
ED201	ELECTRICAL - POWER PLAN - DEMO	0	2026.05.01

A/C	AIR CONDITION(ING)	OD	OUTSIDE DIAMETER
ACT	ACOUSTICAL CEILING TILE	OPP	OPPOSITE
ADMIN	ADMINISTRATION	OPT	OPTION(AL)
AF	ABOVE FINISHED FLOOR	PCF	POUNDS PER CUBIC FEET
ALT	ALTERNATE	PLAM	PLASTIC LAMINATE
ALUM	ALUMINUM	PLF	POUNDS PER LINEAR FEET
APPROX	APPROXIMATE(LY)	PLYWD	PLYWOOD
ARCH	ARCHITECT(URAL)	PNL	PANEL
AUTO	AUTOMATIC	PR	PAIR
AUX	AUXILIARY	PRFAB	PREFABRICATED
AV	AUDIOVISUAL	PREFIN	PREFINISH
BITUM	BITUMINOUS	PRKG	PARKING
BL	BUILDING LINE	PSF	POUNDS PER SQUARE FOOT
BLDG	BUILDING	PSI	POUNDS PER SQUARE INCH
BN	BULL NOSE	PT	PAINT, POST-TENSIONED, PRE-TREATED
BOS	BOTTOM OF STEEL	PVC	POLYVINYL CHLORIDE (PLASTIC)
BOT	BOTTOM	QTR	QUARTER
CAB	CABINET	QTY	QUANTITY
CJ	CONTROL JOINT	R	RADIUS, RISER
CL	CENTER LINE	RCP	REFLECTED CEILING PLAN
CLG	CEILING	RD	ROOF DRAIN
CLG HT	CEILING HEIGHT	REF	REFRIGERATOR, REFERENC
CLO	CLOSE	REQD	REQUIRED
CLR	CLEAR(ANCE)	RL	ROOF LEADER
CMU	CONCRETE MASONRY UNIT	RM	ROOM
COL	COLUMN	RO	ROUGH OPENING
CONC	CONCRETE	ROW	RIGHT OF WAY
CONF	CONFERENCE	S	SOUTH
CONT	CONTINUE, CONTINUOUS	SC	SOILD CORE
CORR	CORRIDOR	SD	STORM DRAIN
CU FT	CUBIC FOOT	SECT	SECTION
CU YD	CUBIC YARD	SF	SQUARE FEET
DEMO	DEMOLISH	SM	SIMILAR
DEPT	DEPARTMENT	SPEC	SPECIFICATION
DET	DETAIL	SPKR	SPEAKER
DF	DRINKING FOUNTAIN	SQ	SQUARE
DIA	DIAMETER	SS	STAINLESS STEEL
DIAG	DIAGONAL	STD	STANDARD
DIM	DIMENSION	STOR	STORAGE
DIV	DIVISION	SUSP	SUSPENDED
DS	DOWNSPOUT	SYS	SYSTEM
E	EAST	T	TREAD
EA	EACH	TEL	TELEPHONE
EIFS	EXTERIOR INSULATION & FINISH SYSTEM	TEMP	TEMPORARY
EJ	EXPANSION JOINT	TFF	TOP OF FINISH FLOOR
EL	ELEVATION	THK	THICKNESS
ELEC	ELECTRIC(AL)	THRU	THROUGH
ELEV	ELEVATOR	TO	TOP OF
ENCL	ENCLOSED	TOB	TOP OF BEAM
EOS	EDGE OF SLAB	TCC	TOP OF CONCRETE, CURB
EQ	EQUAL	TOF	TOP OF FOOTING
EQUIP	EQUIPMENT	TOJ	TOP OF JOIST
EW	ELECTRIC WATER COOLER	TOM	TOP OF MASONRY
EXIST	EXISTING	TOP	TOP OF PARAPET
EXP JT	EXPANSION JOINT	TOS	TOP OF SLAB
EXT	EXTERIOR	TOW	TOP OF WALL
F/F	FACE TO FACE	TRD	TREATED
FD	FLOOR DRAIN	TV	TELEVISION
FE	FIRE EXTINGUISHER	TY	TYPICAL
FE	FIRE EXTINGUISHER CABINET	UL	UNDERWRITERS
FF EL	FINISH FLOOR ELEVATION	UNO	UNLESS NOTED OTHERWISE
FF	FIRE HOSE CABINET	VERT	VERTICAL
FIN FLR	FINISHED FLOOR	VEST	VESTIBULE
FLR	FLOOR, FILLER	VIF	VERIFY IN FIELD
FCE	FACE OF CURB	W	WEST, WIDE
FOF	FACE OF FINISH	W/	WITH
FOM	FACE OF MASONRY	W/O	WITHOUT
FOS	FACE OF SLAB	WW	WALL TO WALL
FOW	FACE OF WALL	WC	WATER CLOSET
FT	FOOT, FEET	WOD	WOOD
FTG	FOOTING	WP	WORKING POINT, WATERPROOFING
FURN	FURNISH, FURNITURE	WR	WATER REPELLENT
GA	GAGE	WT	WEIGHT
GALV	GALVANIZED	WWF	WELDED WIRE FABRIC
GC	GENERAL CONTRACTOR	YD	YARD
GYP BD	GYPSUM BOARD		
GYP PLAS	GYPSUM PLASTER		

	CONSTRUCTION SUBSYSTEM TYPE F# = FLOOR R# = ROOF S# = SLAB ON GRADE W# = WALL
	DOOR MARK DOOR MARK WILL typically CORRESPOND WITH ROOM NUMBER
	UNIT DOOR TYPE
	ROOM IDENTIFICATION NAME
	NUMBER
	AREA (IF INDICATED)
	WINDOW, STOREFRONT, OR CURTAINWALL TYPE
	MATERIAL MARK
	CASEWORK
	CASEWORK TYPE
	CASEWORK SIZE
	CEILINGS
	ELEVATION ABOVE TOP OF SLAB ELEVATION CEILING TYPE
	STUD/CMU SIZE PARTITION TYPE
	PARTITION IDENTIFICATION TAG
	ADDITIONAL DESIGNATOR* FIRE RATING* (* = IF REQUIRED)
	FIXTURE TYPE
	LIGHT FIXTURE IDENTIFICATION TAG
	SLOPE TAG
	RISE PER 12\" data-bbox="145 875 215 895"/>
	SEE NOTE BY NUMBER SCHEDULE ON SHEET
	ITEM TAG: FURNITURE, EQUIPMENT

The diagram illustrates the format of view markers for architectural drawings, showing various types of markers and their components. The markers are organized into a grid with labels and arrows pointing to the corresponding parts of the marker.

FLOOR PLAN- LEVEL 1

Labels and components for the floor plan marker:

- DETAIL NUMBER**: Points to the letter 'A' in the marker 'A1'.
- VIEW TITLE**: Points to the text 'FLOOR PLAN- LEVEL 1'.
- DRAWING SCALE**: Points to the text '1/4" = 1'-0" below the view title.
- Marker 'A1' in a circle**: The main marker symbol.

VIEW MARKERS

The following table summarizes the markers shown in the diagram:

Marker Type	Marker Label	Components
Building Section Marker	A101	Detail Number (A), Reference Type (1), Drawing Number (101), Reference Type (SIM, OH)
Wall Section Marker	A101	Detail Number (A), Reference Type (1), Drawing Number (101), Reference Type (SIM, OH)
Detail Section Marker	A101	Detail Number (A), Reference Type (1), Drawing Number (101), Reference Type (SIM, OH)
Exterior Elevation Marker	A101	Detail Number (A), Reference Type (1), Drawing Number (101), Reference Type (SIM, OH)
Interior Elevation Marker	A101	Detail Number (A), Reference Type (1), Drawing Number (101), Reference Type (SIM, OH)
Detail Callout	A3 888	Detail Number (A), Reference Type (3), Drawing Number (888), Reference Type (SIM, OH), View Extents (dashed box), Drawing Sheet (88)

The diagram is divided into seven sections illustrating architectural drawing conventions:

- REFERENCE GRID LINES:** Shows two circles, each containing the text "A.A.88". A vertical line extends from the bottom of each circle.
- CENTER LINE:** Shows a horizontal line with a small circle in the center, labeled with the letter "E".
- GLAZING:** Shows a horizontal line with a small circle in the center, labeled with the letter "H".
- REVISION:** Shows a cloud-like shape with a triangle inside it. An arrow points from the text "REVISION NUMBER" to the triangle. Another arrow points from the text "AREA REVISED" to the cloud shape.
- FLOOR LEVEL IDENTIFICATIONS:** Shows two horizontal lines. The top line is labeled "Name" and "Elevation" with a small circle containing a triangle. The bottom line is labeled "Name" and "Elevation" with a small circle containing a triangle.
- BUILDING ORIENTATION:** Shows two triangles. The left triangle is labeled "TRUE NORTH". The right triangle is labeled "PROJECT NORTH".
- MATCHLINE:** Shows a horizontal line with a triangle in the center. An arrow points from the text "REFER TO DETAIL VIEW AND SHEET INDICATED FOR ITEMS ON REFERENCE SIDE OF MATCHLINE" to the triangle. Another arrow points from the text "SHEET NUMBER" to the triangle. Below the triangle, the text "B4 / G-001" is written. Below the triangle, the text "MATCH LINE" is written.

THIS PROJECT SCOPE INCLUDES A LEVEL 3 ALTERATION OF 4,552 SF (> THAN 50% OF BUILDING AREA) WITHIN AN EXISTING 7,573 SF METAL BUILDING. OCCUPANCY REMAINS BUSINESS. SCOPE OF WORK INCLUDES RECONFIGURATIONS TO AND REPLACEMENT OF MEP SYSTEMS, DEMOLITION AND RECONFIGURATION OF WALLS AND DOORS AND RECONFIGURATION OF INTERIOR ELECTRICAL PANELS.

EXISTING BUILDING IS A TWO-STORY METAL FRAMED BUILDING. ALL WORK ASSOCIATED WITH THIS PROJECT SHALL COMPLY WITH CURRENT CODES AND GUIDELINES. THE 7,573 SF CONSTRUCTION TYPE V-B BUILDING WILL REMAIN "BUSINESS" OCCUPANCY.

<u>BUILDING CODE:</u>	2021 (IBC) International Building Code with South Carolina Modifications 2021 (IBC) International Building Code with South Carolina Modifications
<u>FIRE CODE:</u>	2021 (IBC) International Fire Code with South Carolina Modifications
<u>PLUMBING CODE:</u>	2021 (IBC) International Plumbing Code with South Carolina Modifications
<u>MECHANICAL CODE:</u>	2021 (IBC) International Mechanical Code with South Carolina Modifications
<u>ELECTRICAL CODE:</u>	2020 National Electrical Code (NFPA 70) with South Carolina Modifications
<u>FUEL CODE:</u>	2021 (IBC) International Fuel Gas Code with South Carolina Modifications
<u>ENERGY CODE:</u>	2009 South Carolina Energy Conservation Code
<u>ACCESSIBILITY:</u>	2017 ICC A117-1 EDITION

JURISDICTION: SOUTH CAROLINA
OFFICE OF STATE
ENGINEER (CONSTRUCTION)

SHEET:

SPECIFICATIONS... continued

SECTION 061000 - ROUGH CARPENTRY

PART 1 - GENERAL

1. SUMMARY

- A. Section Includes:
1. Framing with dimension lumber.
 2. Framing with engineered wood products.
 3. Wood blocking and nailers.
 4. Wood furring.
 5. Wood sleepers.
 6. Plywood backing panels.

PART 2 - PRODUCTS

2.1 WOOD PRODUCTS, GENERAL

- A. Lumber: DOC PS 20 and applicable rules of grading agencies indicated. If no grading agency is indicated, provide lumber that complies with the applicable rules of any rules-writing agency certified by the AISC Board of Review. Provide lumber graded by an agency certified by the AISC Board of Review to inspect and grade lumber under the rules indicated.
1. Factory mark each piece of lumber with grade stamp of grading agency.
2. For exposed lumber indicated to receive a stained or natural finish, **mark grade stamp on end or back of each piece.**
3. Provide dressed lumber, S4S, unless otherwise indicated.

- B. Maximum Moisture Content of Lumber: **19 percent** unless otherwise indicated.

- C. Engineered Wood Products: Provide engineered wood products acceptable to authorities having jurisdiction and for which current model code research or evaluation reports exist that show compliance with building code in effect for Project.
1. Allowable Design Stresses: Provide engineered wood products with allowable design stresses, as published by manufacturer, that meet or exceed those indicated.
2. Manufacturer's published values shall be determined from empirical data or by rational engineering analysis and demonstrated by performance testing performed by a qualified independent testing agency.

2.2 WOOD-PRESERVATIVE-TREATED LUMBER

- A. Preservative Treatment by Pressure Process: AWWA U1; Use Category UC2 for interior construction **not in contact with the ground**, Use Category UC3b for exterior construction **not in contact with the ground**, and Use Category UC4a for items in contact with the ground.
1. Preservative Chemicals: Acceptable to authorities having jurisdiction and containing no arsenic or chromium. **Do not use inorganic boron (SBX) for split plates.**

- B. Kiln-dry lumber after treatment to a maximum moisture content of 19 percent. Do not use material that is warped or that does not comply with requirements for untreated material.

- C. Mark lumber with treatment quality mark of an inspection agency approved by the AISC Board of Review.
- D. Application: Treat **items indicated on Drawings, and the following:**
1. Wood nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.
 2. Wood sills, sleepers, blocking, **furring, stripping**, and similar concealed members in contact with masonry or concrete.
 3. Wood framing and furring attached directly to the interior of below-grade exterior masonry or concrete walls.
 4. Wood framing members that are less than 18 inches above the ground in crawlspaces or unexcavated.
 5. Wood floor plates that are installed over concrete slabs-on-grade.

2.3 DIMENSION LUMBER FRAMING

- A. Non-Load-Bearing Interior Partitions: **Construction or No. 2 grade.**
1. Application: **Interior partitions not indicated as load-bearing.**
2. Species:
- a. Mixed southern pine; SP1B.

- B. Framing Other Than Non-Load-Bearing Interior Partitions: **No. 2 grade.**
1. Application: Framing other than **interior partitions not indicated as load-bearing.**
2. Species:
- a. Southern pine; SP1B.
 - b. Spruce-pine-fir (south); NMLA, WCLB, or WWP4.

- C. Exposed Framing: Provide material hand-selected for uniformity of appearance and freedom from characteristics, on exposed surfaces and edges, that would impair finish appearance, including decay, honeycomb, knot-holes, shake, splits, torn grain, and warping.
1. Application: **Exposed exterior and interior framing indicated to receive a stained or natural finish.**
2. Species and Grade: **As indicated above for load-bearing construction of same type.**

2.4 ENGINEERED WOOD PRODUCTS

- A. Laminated-Veneer Lumber: Structural composite lumber made from wood veneers with grain primarily parallel to member lengths, evaluated and monitored according to ASTM D 5456 and manufactured with an exterior-type adhesive complying with ASTM D 2559.
1. Extreme Fiber Stress in Bending, Edgewise: **3100 psi** for 12-inch nominal-depth members.
2. Modulus of Elasticity, Edgewise: **2,000,000 psi.**

2.5 MISCELLANEOUS LUMBER

- A. General: Provide miscellaneous lumber indicated and lumber for support or attachment of other construction, including the following:
1. Blocking.
 2. Nailers.
 3. Furring.
 4. Grounds.

- B. For items of dimension lumber size, provide **Construction or No. 2** grade lumber of any species.

2.6 FASTENERS

- A. General: Provide fasteners of size and type indicated that comply with requirements specified in this article for material and manufacture.
1. Where rough carpentry is exposed to weather, in ground contact, pressure-preservative treated, or in area of high relative humidity, provide fasteners with **hot-dip zinc coating complying with ASTM A 153/A 153M.**

- B. Power-Driven Fasteners: NES NER-272.

- C. Bolts: Steel bolts complying with ASTM A 307, Grade A; with ASTM A 563 hex nuts and, where indicated, flat washers.

2.7 METAL FRAMING ANCHORS

- A. Manufacturers: Subject to compliance with requirements, **provide products by the following:**
1. Simpson Strong-Tie Co., Inc.
 2. USP Structural Connections.

- B. Galvanized-Steel Sheet: Hot-dip, zinc-coated steel sheet complying with ASTM A 653/A 653M, G60 coating designation.
1. Use for interior locations unless otherwise indicated.

2.8 MISCELLANEOUS MATERIALS

- A. Sill-Sealer Gaskets: Glass-fiber-resilient insulation, fabricated in strip form, for use as a sill sealer; 1 inch nominal thickness, compressible to 1/32 inch, selected from manufacturer's standard widths to suit width of all members indicated.

- B. Sill-Sealer Gaskets: Closed-cell neoprene foam, 1/4 inch thick, selected from manufacturer's standard widths to suit width of all members indicated.

- C. Flexible Flashing: Composite, self-adhesive, flashing product consisting of a pliable, **butyl rubber or rubberized asphalt** compound, bonded to a high-density polyethylene film, aluminum foil, or spunbonded polyolefin to produce an overall thickness of not less than 0.025 inch.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Set rough carpentry to required levels and lines, with members plumb, true to line, out, and fitted. Fit rough carpentry to other construction, scab and cope as needed for accurate fit. Locate **furring, nailers, blocking, grounds**, and similar supports to comply with requirements for attaching other construction.

- B. Framing Standard: Comply with AF&PA's WCD 1, "Details for Conventional Wood Frame Construction," unless otherwise indicated.

- C. Framing with Engineered Wood Products: Install engineered wood products to comply with manufacturer's written instructions.

- D. Do not splice structural members between supports unless otherwise indicated.

- G. Comply with AWWA M4 for applying field treatment to out surfaces of preservative-treated lumber.

- H. Where wood-preservative-treated lumber is installed adjacent to metal decking, install continuous flexible flashing separator between wood and metal decking.
- I. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated, complying with the following:
1. NES NER-272 for power-driven fasteners.
 2. Table 2304.9.1, "Fastening Schedule," in ICC's International Building Code.
 3. Table R602.3(1), "Fastener Schedule for Structural Members," and Table R602.3(2), "Alternate Attachments," in ICC's International Residential Code for One- and Two-Family Dwellings.

3.2 PROTECTION

- A. Protect wood that has been treated with inorganic boron (SBX) from weather. If, despite protection, inorganic boron-treated wood becomes wet, apply EPA-registered borate treatment. Apply borate solution by spraying to comply with EPA-registered label.
- B. Protect rough carpentry from weather. If, despite protection, rough carpentry becomes **sufficiently wet that moisture content exceeds that specified**, apply EPA-registered borate treatment. Apply borate solution by spraying to comply with EPA-registered label.

END OF SECTION 061000

SECTION 061600 - SHEATHING

PART 1 - GENERAL

1. SUMMARY

- A. Section Includes:
1. Wall sheathing.
 2. Sheathing joint and penetration treatment.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Fire-Resistance Ratings: As tested according to ASTM E119; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
1. Fire-Resistance Ratings: Indicated by design designations from UL's "Fire Resistance Rating Directory" or from the listings of another qualified testing agency.

2.2 PRESERVATIVE-TREATED PLYWOOD

- A. Preservative Treatment by Pressure Process: AWWA U1; Use Category UC2 for interior construction not in contact with ground, Use Category UC3b for exterior construction not in contact with ground, and Use Category UC4a for items in contact with ground.
- B. Mark plywood with appropriate classification marking of an inspection agency acceptable to authorities having jurisdiction and for which current model code research or evaluation reports exist that show compliance with building code in effect for Project.
- C. Application: Treat items indicated on Drawings and plywood in contact with masonry or concrete or used with roofing, flashing, vapor barriers, and waterproofing.

2.3 FIRE-RETARDANT-TREATED PLYWOOD

- A. General: Where fire-retardant-treated materials are indicated, use materials complying with requirements in this article that are acceptable to authorities having jurisdiction and with fire-test-response characteristics specified as determined by testing identical products per test method indicated by a qualified testing agency.

- B. Fire-Retardant-Treated Plywood by Pressure Process: Products with a flame-spread index of 25 or less when tested according to ASTM E84, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet beyond the centerline of the burners at any time during the test.

1. Exterior Type: Treated materials shall comply with requirements specified above for fire-retardant-treated plywood by pressure process after being subjected to accelerated weathering according to ASTM D2898. Use for exterior locations and where indicated.
2. Interior Type A: Treated materials shall have a moisture content of 28 percent or less when tested according to ASTM D3201/D3201M at 92 percent relative humidity. Use where exterior type is not indicated.
3. Denial of Moisture Adjustment Factors: Treated lumber plywood shall be tested according to ASTM D5516 and design value adjustment factors shall be calculated according to ASTM D6305. Span ratings after treatment shall be not less than span ratings specified. For roof sheathing and where high-temperature fire-retardant treatment is indicated, span ratings for temperatures up to 170 deg F shall be not less than span ratings specified.

- B. Kiln-dry lumber after treatment to a maximum moisture content of 19 percent.

- C. Mark lumber with treatment quality mark of an inspection agency approved by the AISC Board of Review.

- D. Application: Treat **items indicated on Drawings, and the following:**
1. Wood nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.
 2. Wood sills, sleepers, blocking, **furring, stripping**, and similar concealed members in contact with masonry or concrete.
 3. Wood framing and furring attached directly to the interior of below-grade exterior masonry or concrete walls.
 4. Wood framing members that are less than 18 inches above the ground in crawlspaces or unexcavated.
 5. Wood floor plates that are installed over concrete slabs-on-grade.

- E. Application: Treat plywood indicated on Drawings.

2.4 WALL SHEATHING

- A. Glass-Mat Gypsum Sheathing: ASTM C1177/C1177M.
1. Manufacturers: Subject to compliance with requirements, provide products from one of the following:
- a. CertainTeed Corporation.
 - b. Georgia-Pacific Gypsum LLC.
 - c. National Gypsum Company.
 - d. USG Corporation.

2. Type and Thickness: Type X, 5/8 inch thick.

- B. Cementitious Backer Units: ASTM C1325, Type A.
1. Manufacturers: Subject to compliance with requirements, provide products from one of the following:
- a. C-Clute.
 - b. Custom Building Products.
 - c. USG Corporation.

2. Thickness: As indicated.

2.5 FASTENERS

- A. General: Provide fasteners of size and type indicated that comply with requirements specified in this article for material and manufacture.
1. For roof and wall sheathing, provide fasteners with hot-dip zinc coating complying with ASTM A153/A153M.
2. For roof and wall sheathing, provide fasteners with organic-polymer or other corrosion-protective coating having a salt-spray resistance of more than 800 hours according to ASTM B117.

2.6 SHEATHING JOINT-AND-PENETRATION TREATMENT MATERIALS

- A. Sealant for Glass-Mat Gypsum Sheathing: Elastomeric, medium-modulus, neutral-curing one-part joint sealant compatible with joint sealers and fasteners and recommended by tape and sheathing manufacturers for use with glass-fiber sheathing tape and for covering exposed fasteners.

- B. Sealant for Glass-Mat Gypsum Sheathing: Silicone emulsion sealant complying with ASTM D384, compatible with sheathing and recommended by tape and sheathing manufacturers for use with glass-fiber sheathing tape and for covering exposed fasteners.

1. Sheathing Tape: Self-adhesive glass-fiber tape, minimum 2 inches wide, 10 by 10 or 10 by 20 threads/inch, of type recommended by sheathing and tape manufacturers for use with silicone emulsion sealant in sealing joints in glass-mat gypsum sheathing and with a history of successful in-service use.

- C. Sheathing Tape for Foam-Plastic Sheathing: Pressure-sensitive plastic tape recommended by sheathing manufacturer for sealing joints and penetrations in sheathing.

2.7 MISCELLANEOUS MATERIALS

- A. Adhesives for Field Gluing Panels to Wood Framing: Formulation complying with ASTM D3498 that is approved for use with type of construction panel indicated by manufacturers of both adhesives and panels.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Do not use materials with defects that impair quality of sheathing or pieces that are too small to use with minimum number of joints or optimum joint arrangement. Arrange joints so that pieces do not span between fewer than three support members.

- B. Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction unless otherwise indicated.

- C. Securely attach to substrate by fastening as indicated, complying with the following:
1. Table 2304.9.1, "Fastening Schedule," in ICC's International Building Code.
 2. ICC-EOS evaluation report for fastener.

- D. Coordinate wall and roof sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that prevent exterior moisture from passing through completed assembly.

- E. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.

3.2 WOOD STRUCTURAL PANEL INSTALLATION

- A. General: Comply with applicable recommendations in APA Form No. E30, "Engineered Wood Construction Guide," for types of structural-use panels and applications indicated.
- B. Fastening Methods: Fasten panels as indicated below:
1. Wall and Roof Sheathing:
 - a. Nail or staple to wood framing.
 - b. Screw to cold-formed metal framing.
 2. Space panels 1/8 inch apart at edges and ends.

- C. Gypsum Sheathing Installation: Apply according to manufacturer's written instructions.

- D. Seal sheathing joints according to sheathing manufacturer's written instructions.
1. Apply elastomeric sealant to joints and fasteners and trowel flat. Apply sufficient amount of sealant to completely cover joints and fasteners after troweling. Seal other penetrations and openings.
 2. Apply glass-fiber sheathing tape to glass-mat gypsum sheathing joints and apply and trowel sealant to embed entire face of tape in sealant. Apply sealant to exposed fasteners with a trowel so fasteners are completely covered. Seal other penetrations and openings.

END OF SECTION 061600

SECTION 072100 - THERMAL INSULATION

PART 1 - GENERAL

1. SUMMARY

- A. Section Includes:
1. Extruded polystyrene foam-plastic board.
 2. Glass-fiber blanket.
 3. Mineral-wool blanket.
 4. Spray polyurethane foam insulation.

1. ACTION SUBMITTALS

- A. Product Data: For each type of product.

1. INFORMATIONAL SUBMITTALS

- A. Product Test Reports: For each product, for tests performed by a qualified testing agency.

1. QUALITY ASSURANCE

- A. Surface-Burning Characteristics: As determined by testing identical products according to ASTM E 84 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

- B. Fire-Test-Response Characteristics: Provide insulation and related materials with the fire-test-response characteristics indicated, as determined by testing identical products per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction and with fire-test-response characteristics specified as determined by testing identical products per test method indicated by a qualified testing agency.

1. Surface-Burning Characteristics: ASTM E 84.
2. Fire-Resistance Ratings: ASTM E 119.
3. Combustion Characteristics: ASTM E 136.

1. DELIVERY, STORAGE, AND HANDLING

- A. Protect insulation materials from physical damage and from deterioration due to moisture, soiling, and other sources. Store inside and in a dry location. Comply with manufacturer's written instructions for handling, storing, and protecting during installation.
- B. Protect foam-plastic board insulation as follows:
1. Do not expose to sunlight except to necessary extent for period of installation and concealment.
 2. Protect against ignition at all times. Do not deliver foam-plastic board materials to Project site until just before installation time.
 3. Quickly complete installation and concealment of foam-plastic board insulation in each area of construction.

PART 2 - PRODUCTS

2.1 EXTRUDED POLYSTYRENE FOAM-PLASTIC BOARD

- A. Extruded Polystyrene Board, Type IV: ASTM C 578, Type IV, 25-psi minimum compressive strength; unfaced, maximum flame-spread and smoke-developed indexes of 25 and 450, respectively, per ASTM E 84.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
- a. DiversiFoam Products
 - b. Dow Chemical Company
 - c. Owens Corning
 - d. Pactiv Building Products
2. Denial of Moisture Adjustment Factors: As indicated on Drawings or as required to meet R-value indicated on Drawings.
3. Minimum Compressive Strength: ASTM E 155 psi density, 25 psi.
4. Thermal Resistance, per ASTM C518, at 75 deg F mean temperature shall be R-5 per inch.

2.2 GLASS-FIBER BLANKET

- A. Glass-Fiber Blanket, Unfaced: ASTM C 665, Type I, with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively, per ASTM E 84, passing ASTM E 136 for combustion characteristics.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
- a. CertainTeed Corporation.
 - b. Guardian Building Products, Inc.
 - c. Johns Manville, a Berkshire Hathaway company.
 - d. Knaf insulation.
 - e. Owens Corning.

2.3 MINERAL-WOOL BLANKETS

- A. Mineral-Wool Blanket, Unfaced: ASTM C 665, Type I (blankets without membrane facing), consisting of fibers; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively, per ASTM E 84, passing ASTM E 136 for combustion characteristics.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
- a. Industrial Insulation Group, LLC (IIG-LLC); a Johns Manville company
 - b. Rockwool
 - c. Thermafiber, Inc.; an Owens Corning company

2.4 SPRAY POLYURETHANE FOAM INSULATION

- A. Low-pressure, expanding polyurethane foam insulation: AAMA 812-04.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
- a. Dow Corning
 - b. BASF
 - c. Johns Manville.
 - d. Specialty Products, Inc.

2.5 ACCESSORIES

- A. Insulation for Miscellaneous Voids and Head-of-Wall Joints in Non-Rated Walls:
1. Spray Polyurethane Foam Insulation: ASTM C 1029, Type II, closed cell, with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively, per ASTM E 84.

- B. Fasteners: Product recommended and approved by insulation manufacturer, with demonstrated capability to secure insulation to substrates indicated without damaging insulation and substrates and complying with other listed performance characteristics.

- C. Adhesive for Bonding Insulation: Product recommended and approved by manufacturer, with demonstrated capability to bond insulation securely to substrates without damaging insulation and substrates.

- D. Mastiic Sealant: Type recommended by insulation manufacturer for bonding edge joints between units and filling voids in work.

- E. Primer: Material recommended by insulation manufacturer where required for adhesion of insulation to substrates.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Clean substrates of substances that are harmful to insulation, including removing projections capable of puncturing insulation or vapor retarders, or that interfere with insulation attachment.

3.2 INSTALLATION, GENERAL

- A. Comply with insulation manufacturer's written instructions applicable to products and applications.

- B. Install insulation that is undamaged, dry, and unsolled and that has not been left exposed to ice, rain, or snow at any time.

- C. Extend insulation to envelope entire area to be insulated. Fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.

- D. Provide sizes to fit applications and selected from manufacturer's standard thicknesses, widths, and lengths. Apply single layer of insulation unless multiple layers are otherwise shown or required to make up total thickness or to achieve R-value.

3.3 INSTALLATION OF INSULATION IN FRAMED CONSTRUCTION

- A. Blanket Installation: Install in cavities formed by framing members according to the following requirements:
1. Use insulation widths and lengths that fill the cavities formed by framing members. If more than one length is required to fill the cavities, provide lengths that will produce a snug fit between ends.
 2. Place insulation in cavities formed by framing members to produce a friction fit between edges of insulation and adjoining framing members.
 3. Maintain 3-inch clearance of insulation around recessed lighting fixtures not rated for or protected from contact with insulation.
 4. For metal-framed wall cavities where cavity heights exceed 96 inches, support unfaced blankets mechanically.

- B. Spray-Applied Cellulosic Insulation: Apply spray-applied insulation according to manufacturer's written instructions. Do not apply insulation into pipes, ducts, conduits, wiring, and electrical outlets in walls is completed and windows, electrical boxes, and other items not indicated to receive insulation are masked.

1. Apply vinyl acrylic coating according to manufacturer's written instructions.

- C. Head-of-Wall Joints in Non-Rated Walls and Miscellaneous Voids:
1. Install insulation in cavities and fasteners and trowel flat. Apply sufficient amount of sealant to completely cover joints and fasteners after troweling. Seal other penetrations and openings.
 2. Apply glass-fiber sheathing tape to glass-mat gypsum sheathing joints and apply and trowel sealant to embed entire face of tape in sealant. Apply sealant to exposed fasteners with a trowel so fasteners are completely covered. Seal other penetrations and openings.

- D. Refer to Section 078443 "Joint Firestopping" for head-of-wall sealant in rated walls.

3.4 PROTECTION

- A. Protect installed insulation from damage due to harmful weather exposures, physical abuse, and other causes. Provide temporary coverings or enclosures where insulation is subject to abuse and cannot be concealed and protected by permanent construction immediately after installation.

- B. Spray-Applied Cellulosic Insulation: Apply spray-applied insulation according to manufacturer's written instructions. Do not apply insulation into pipes, ducts, conduits, wiring, and electrical outlets in walls is completed and windows, electrical boxes, and other items not indicated to receive insulation are masked.

1. Apply vinyl acrylic coating according to manufacturer's written instructions.

- C. Head-of-Wall Joints in Non-Rated Walls and Miscellaneous Voids:
1. Install insulation in cavities and fasteners and trowel flat. Apply sufficient amount of sealant to completely cover joints and fasteners after troweling. Seal other penetrations and openings.
 2. Apply glass-fiber sheathing tape to glass-mat gypsum sheathing joints and apply and trowel sealant to embed entire face of tape in sealant. Apply sealant to exposed fasteners with a trowel so fasteners are completely covered. Seal other penetrations and openings.

END OF SECTION 072100

SECTION 079200 - JOINT SEALANTS

PART 1 - GENERAL

1. RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and other Division 01 Specification Sections, apply to this Section.

1. SUMMARY

- A. This Section includes joint sealants for the following applications, including those specified by reference to this Section:
1. Interior joints in vertical surfaces and horizontal nontraffic surfaces.
 2. Interior joints in horizontal traffic surfaces.

- B. Related Sections include the following:
1. Division 01 Section "Quality Requirements" for composite mockup incorporating joint sealants.
 2. Division 08 Section "Glazing" for glazing sealants.

1. PERFORMANCE REQUIREMENTS

- A. Provide elastomeric joint sealants that establish and maintain watertight and airtight continuous joint seals without staining or deteriorating joint substrates.

- B. Provide joint sealants for interior applications that establish and maintain airtight and water-resistant continuous joint seals without staining or deteriorating joint substrates.

1. SUBMITTALS

- A. Product Data: For each joint-sealant product indicated.

- B. Samples: For each type and color of joint sealant required, provide Samples with joint sealants in 1/2- inch-wide joints formed between two 6-inch-long strips of material matching the appearance of exposed surfaces adjacent to joint sealants.

- C. Product certificates. For each kind of joint sealant and accessory, from manufacturer.
1. For sealants indicated to be non-staining, manufacturer shall certify that sealant was tested on substrates according to ASTM C 1248 and found to be non-staining.

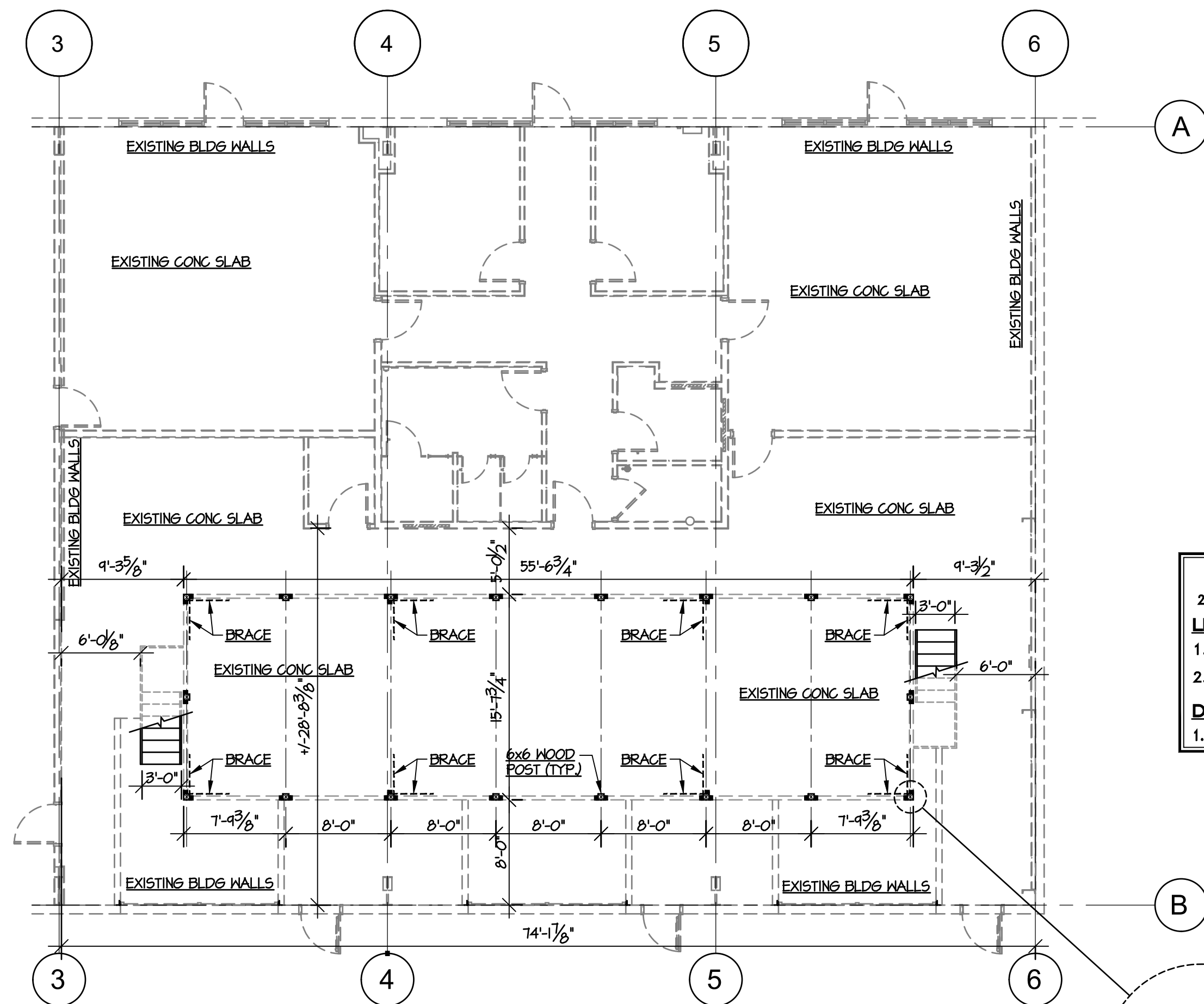
1. QUALITY ASSURANCE

- A. Mockups: Build mockups incorporating sealant joints, as follows, to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and installation.
1. Joints in mockups of assemblies specified in other Sections that are indicated to receive elastomeric joint sealants, which are specified by reference to this Section.

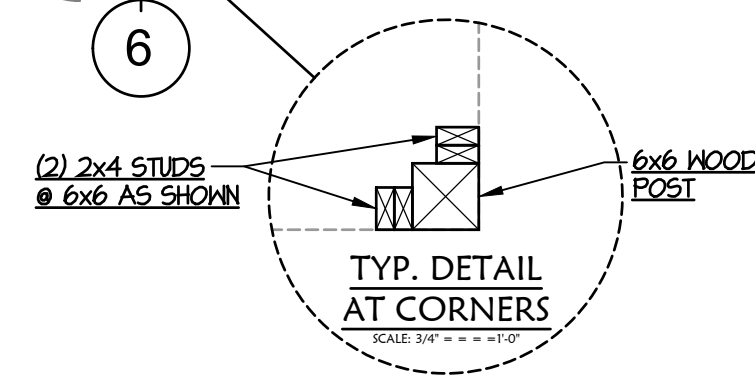
1. WARRANTY

- A. Special Installer's Warranty: Installer's standard form in which installer agrees to repair or replace elastomeric joint sealants that do not comply with performance and other requirements specified in this Section within specified warranty period.

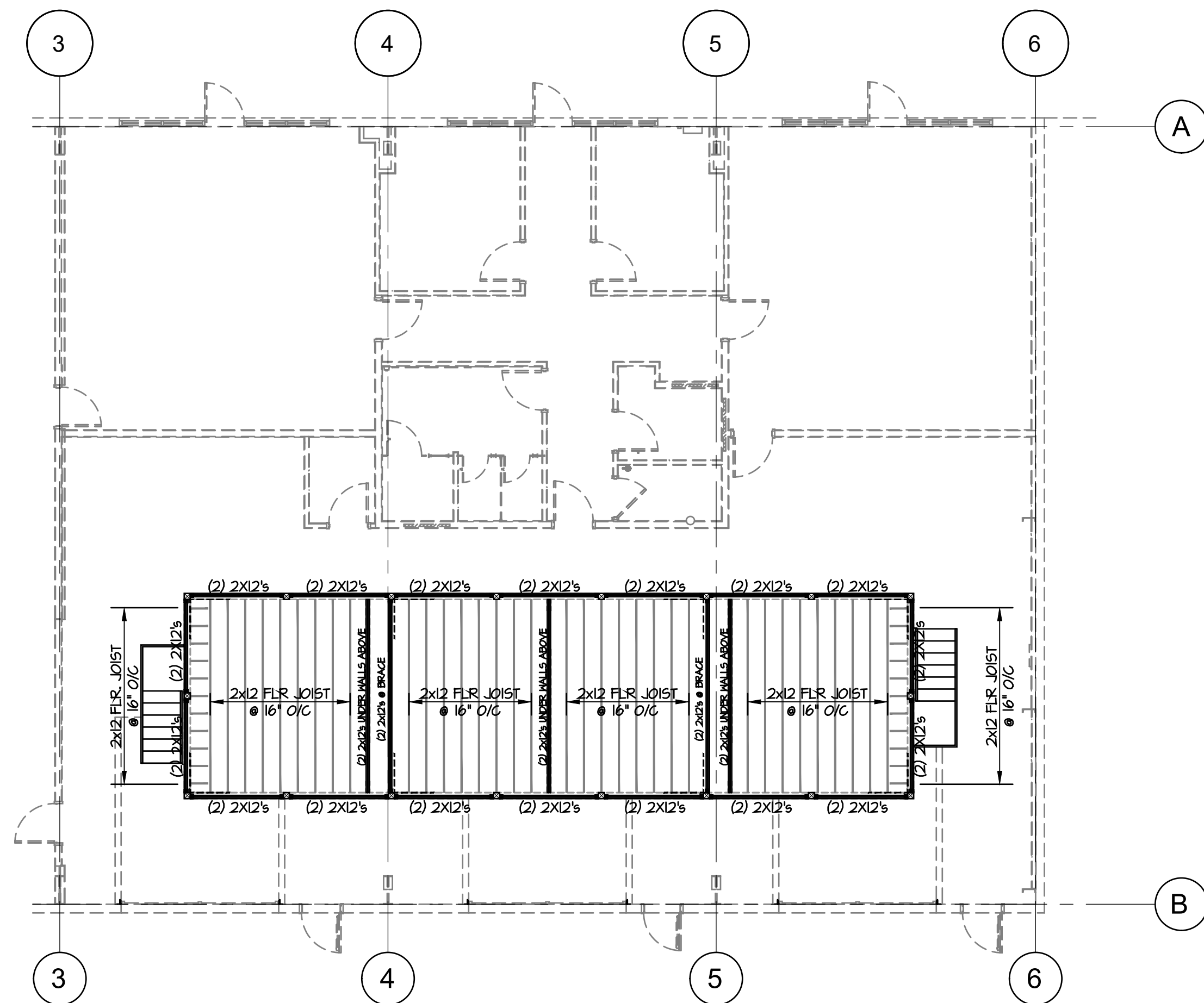
1. Warranty Period: Two years from



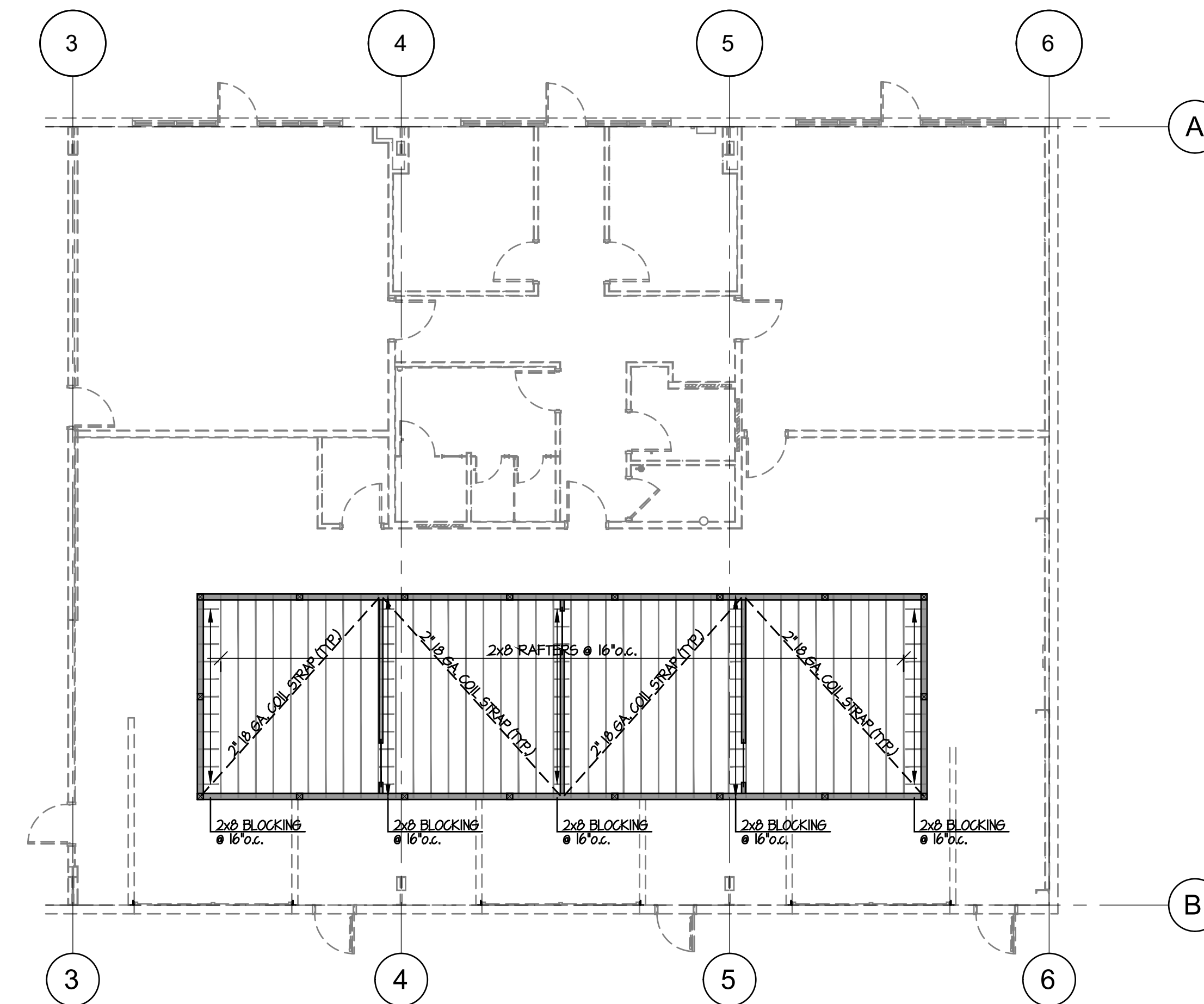
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



LOAD TABLE	
2021 INTERNATIONAL RESIDENTIAL CODE AND ASCE 7-16	
LIVE LOADS:	
1. FLOOR LOADS: (ASCE Table 4-1)	50 p.s.f.
2. INTERIOR WALL LOADS:	5 p.s.f. (LATERAL)
DEAD LOADS:	
1. USE ACTUAL DEAD LOADS OF MATERIALS	



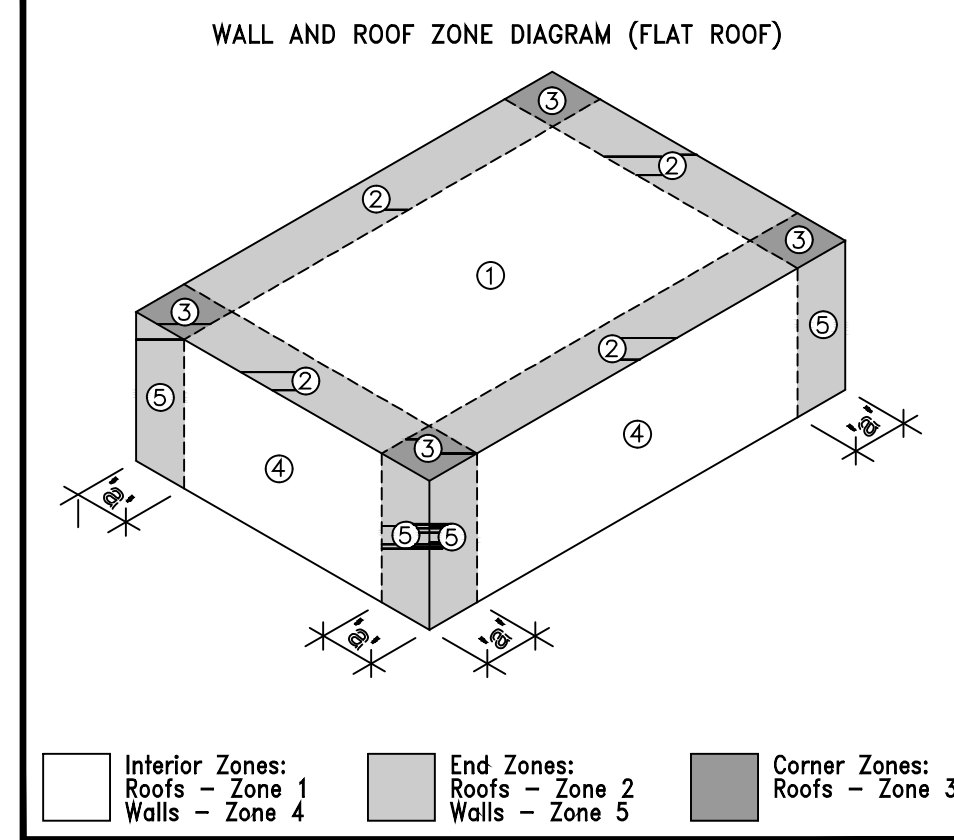
FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"



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

ZONE	C&C WIND PRESSURES (ALLOWABLE) BASED ON EFFECTIVE WIND AREA (psf)							
	10ft²		20ft²		50ft²		100ft²	
ROOF ①	+16	-59	+15	-55	+13	-50	+12	-46
ROOF ②	+16	-78	+15	-73	+13	-66	+12	-61
ROOF ③	+16	-106	+15	-96	+13	-83	+12	-73
WALL ④	+34	-41	+33	-39	+31	-37	+29	-35
WALL ⑤	+34	-50	+33	-47	+31	-42	+29	-39

α = width of pressure coeff. zone = 8 feet
Roof Net Uplift = (Zone Suction Reduced by Dead Load)
Pressures Shown are Based Upon ASD Design - Load Factor of 0.6



DESIGN WIND PRESSURE FOR ROLL UP DOORS
10FT X 10FT WILL BE 40 PSF OR GREATER.

STRUCTURAL/GENERAL NOTES:

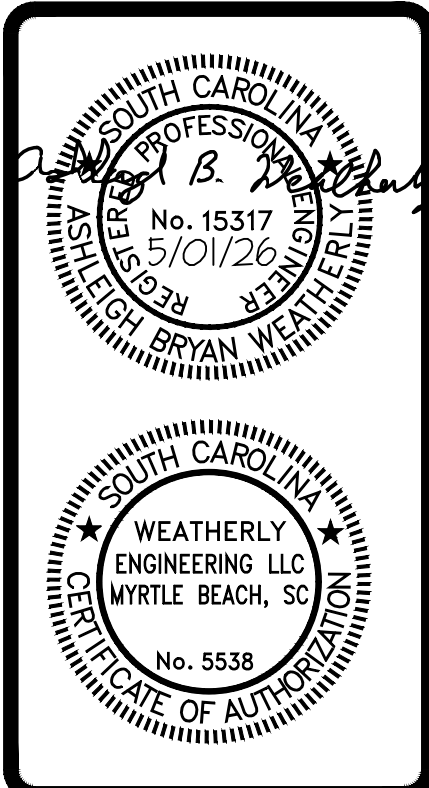
- CONTRACTOR SHALL DETERMINE AND/OR VERIFY DIMENSIONS AND CONDITIONS AT THE PROJECT SITE AND SHALL NOTIFY THE LEAD DESIGNER AND/OR STRUCTURAL ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR SITE ISSUES.
- ANY CONDITIONS WHICH MAY APPEAR TO BE AN OMISSION, DEFICIENCY OR AMBIGUITY IN THE DESIGN DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR LEAD DESIGNER IN WRITING FOR CLARIFICATION, INTERPRETATION OR ADDITIONAL INFORMATION MUST BE ISSUED BEFORE THAT PORTION OF THE WORK MAY PROCEED. WORK PERFORMED BY THE CONTRACTOR, NOT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS WILL REQUIRE AN ENGINEERING EVALUATION, TESTING OR REMOVAL AT THE EXPENSE OF THE CONTRACTOR.
- THE ARCHITECTURAL DRAWINGS ARE CONSIDERED THE LEAD DRAWINGS FOR THIS PROJECT INCLUDING DIMENSIONS AND BUILDING LAYOUT/PLACEMENT. THE CONTRACTOR SHALL VERIFY THE STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS. ANY DISCREPANCIES SHOULD BE RESOLVED WITH ARCHITECT/STRUCTURAL ENGINEER.
- WORK NOT INDICATED AS PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT AT CORRESPONDING PLACES SHALL BE REPEATED.
- ALL SECTIONS AND DETAILS ARE TYPICAL AT SIMILAR LOCATIONS AND WHERE APPLICABLE.
- CONTRACTOR SHALL MAKE NO DEVIATIONS FROM DESIGN DRAWINGS AND SPECIFICATIONS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT AND/OR STRUCTURAL ENGINEER.
- THE CONTRACTOR SHALL BUILD THIS PROJECT IN ACCORDANCE TO ALL APPLICABLE BUILDING CODES AND SAFETY STANDARDS AND/OR REGULATIONS.
- THE DESIGN PROFESSIONALS SHALL HAVE NO CONTROL OVER (NOR RESPONSIBILITY FOR) THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES, PROCEDURES OR QUALITY CONTROL IN PERFORMING THE WORK, SITE SAFETY OR SAFETY PROGRAMS IN CONNECTION WITH THIS PROJECT.
- QUESTIONS RELATING TO THESE STRUCTURAL DRAWINGS MAY BE SUBMITTED.

WEATHERLY ENGINEERING LLC.
541 ALDER STREET
MYRTLE BEACH, SC 29571
(843) 448-3428
(843) 445-4116 (FAX)

GENERAL MATERIAL REQUIREMENTS		
CATEGORY	MATERIAL	NOTES
WOOD POST	- TREATED WOOD PLATE	- WOOD PLATE TO BE BOLTED TO CONCRETE SEE DETAIL ON S2.0 - ALL NAILS INTO TREATED WOOD PLATE SHALL HOT-DIP GALVANIZED.
WOOD STUDS	- MIN. OF SPRUCE PINE FUR #2 - PERIMETER WALLS 2x6 STUDS - INTERIOR WALLS 2x4 STUDS	- SPACE STUDS @ 16" O.C. MAX.
WALL SHEATHING	- 1/4" PLYWOOD	- PROVIDE BLOCKING AT ALL PLYWOOD SEAMS. - PROVIDE 8d NAILS (131 DIA) SPACED AT 8" O.C. AT ALL SHEATHING EDGES AND 12" O.C. AT INTERMEDIATE FRAMING MEMBERS.
FLOOR FRAMING	- 2x12s @ 16" O/C	- SEE PLAN FOR SPACING & DEPTH
SUB FLOOR FRAMING	- 3/4" T&G EXTERIOR GRADE PLYWOOD OR OSB	- PROVIDE 10d NAILS (148 DIA) SPACED AT 8" O.C. AT ALL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING MEMBERS.
ROOF FRAMING	- 2x8 RAFTERS @ 16" O/C	

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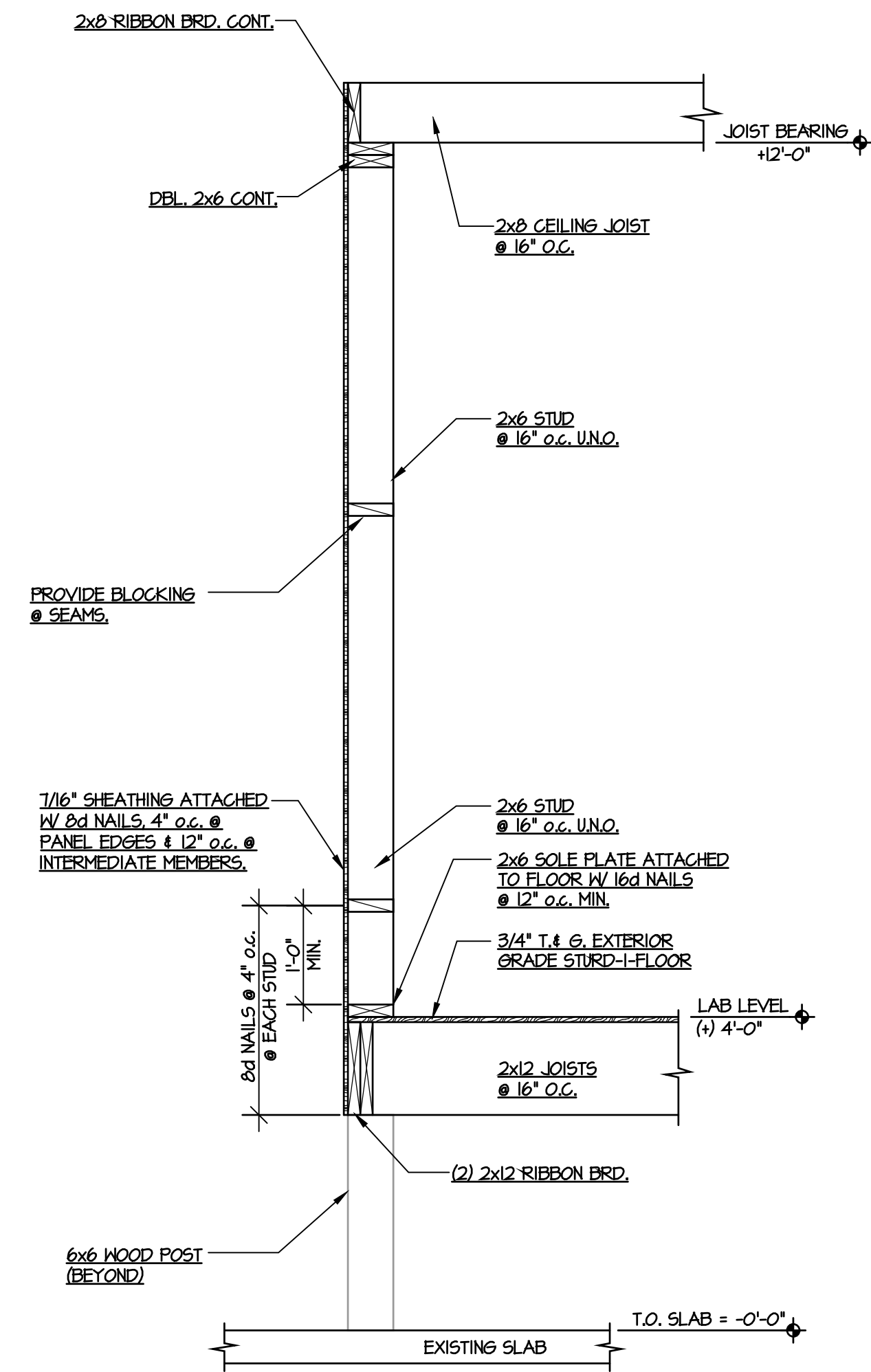
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Project Engineer	ABW
Drawn By	RC
Date Drawn	05-01-2026
Revisions	
No. _____	Date _____
No. _____	Date _____
No. _____	Date _____
No. _____	Date _____
Issue Date	



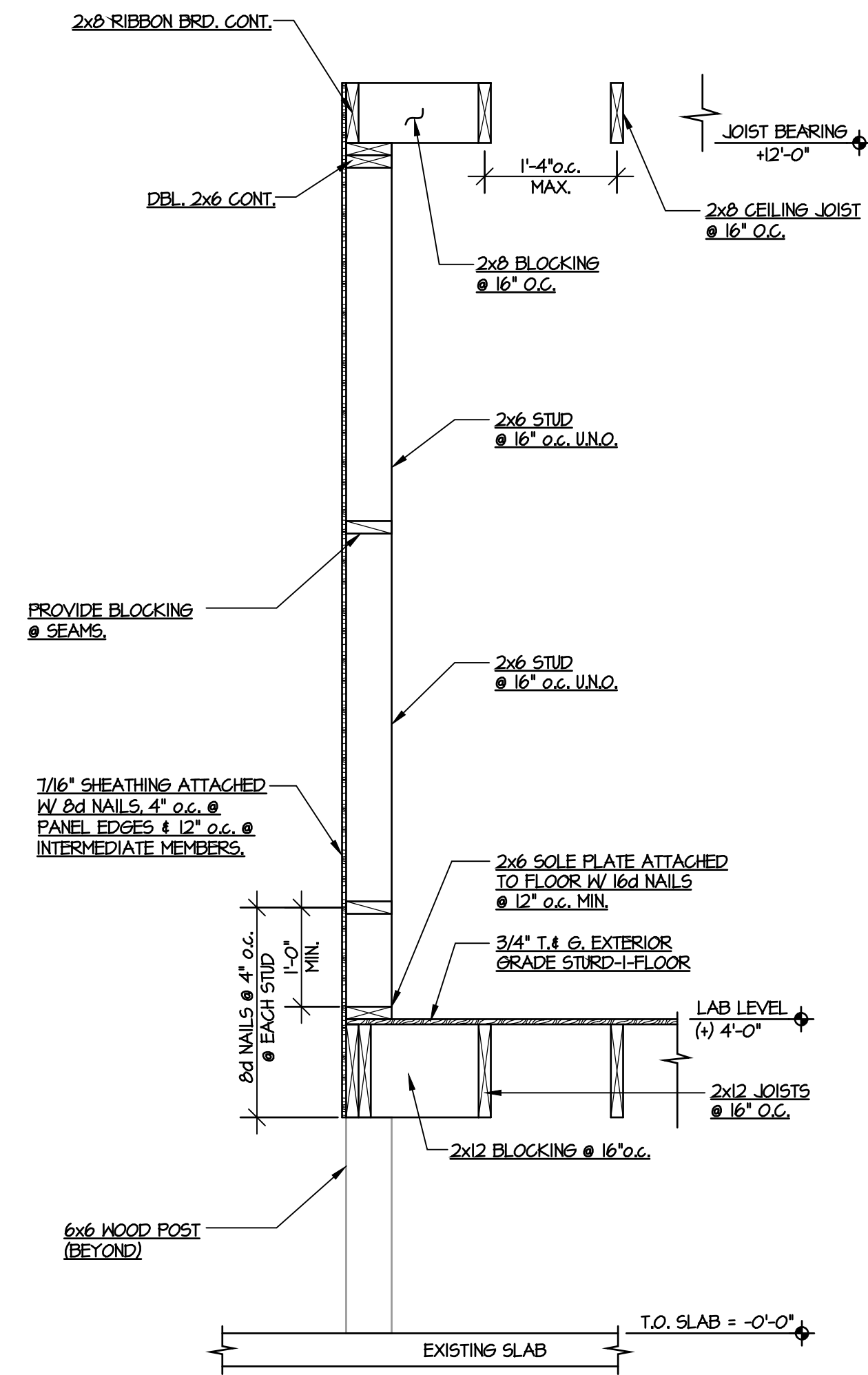
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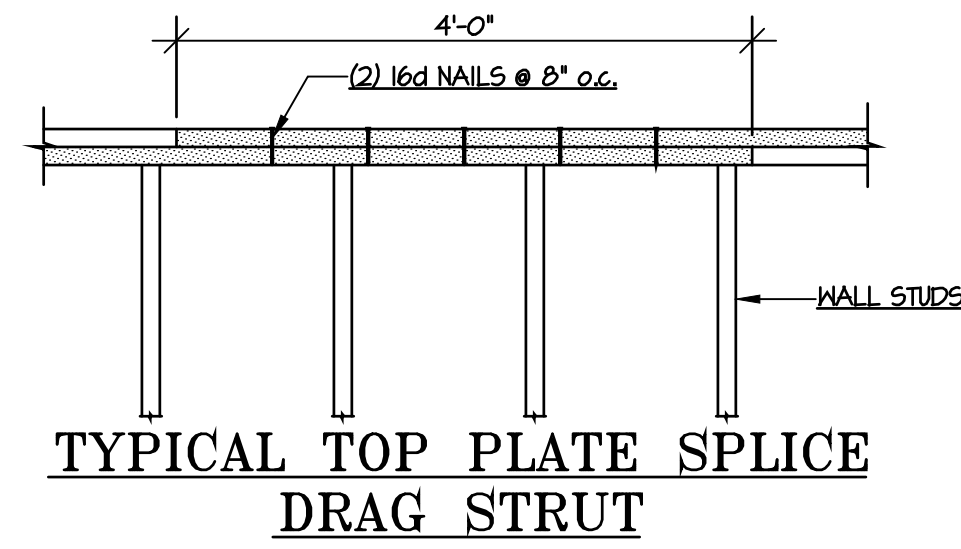
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Sheet	S1.0



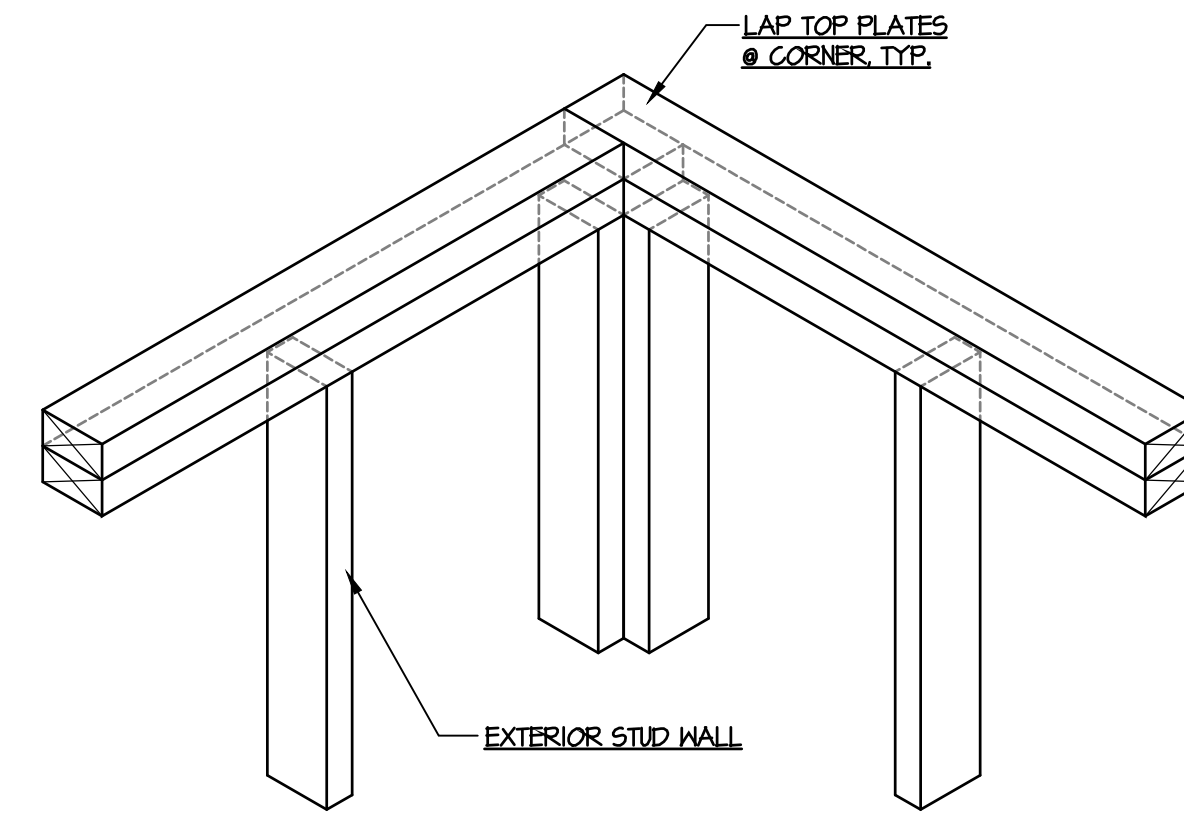
TYPICAL WALL SECTION



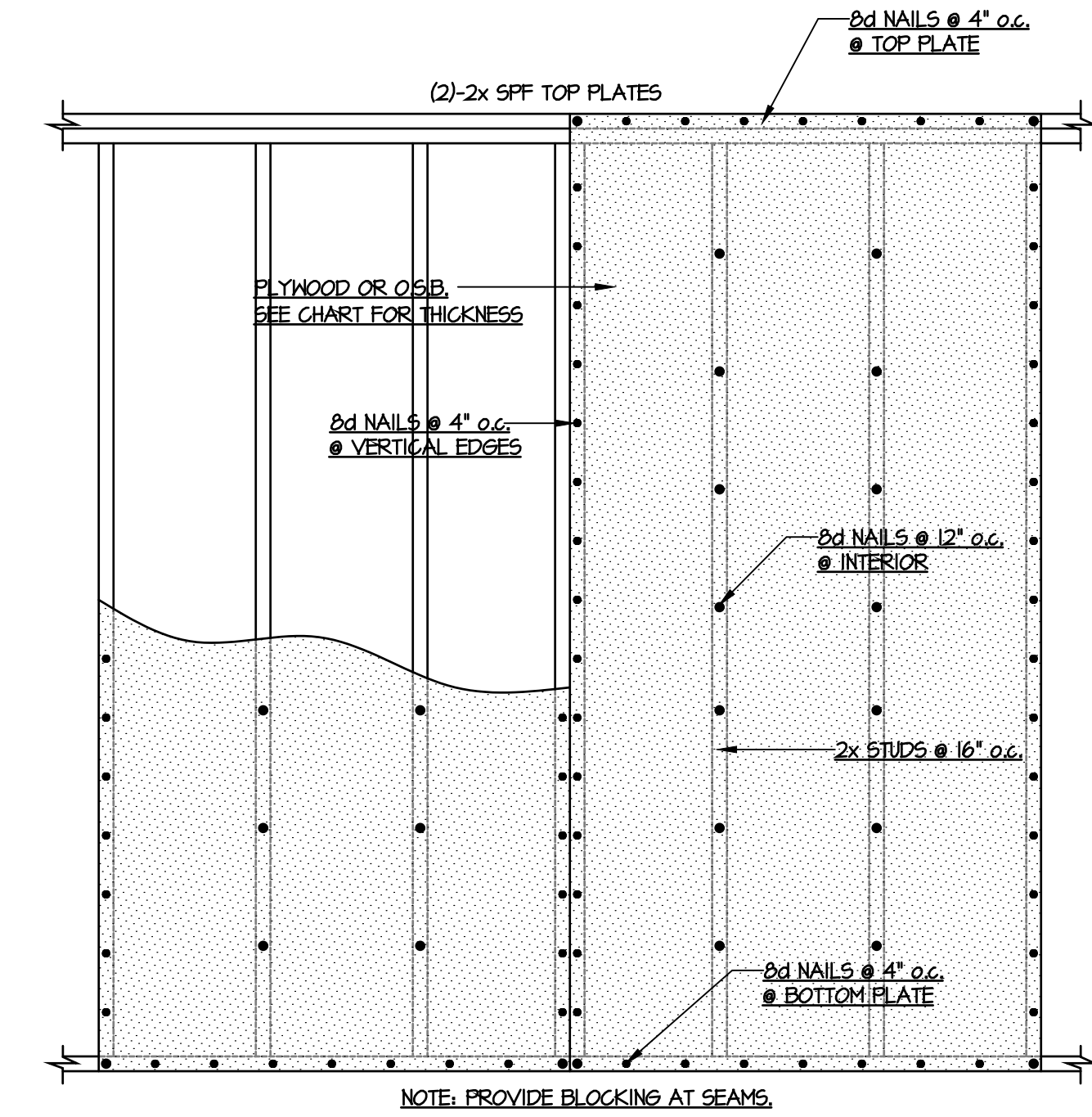
TYPICAL WALL SECTION



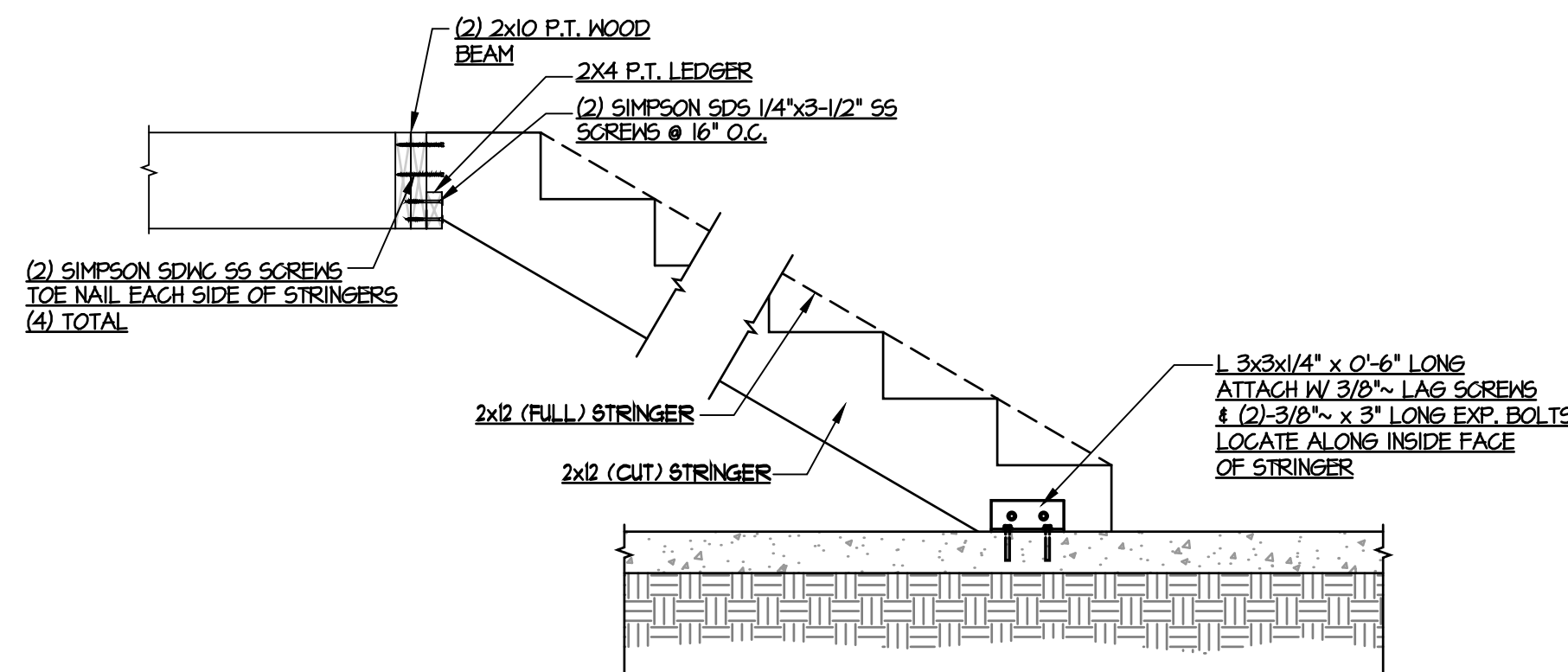
TYPICAL TOP PLATE SPLICE
DRAG STRUT



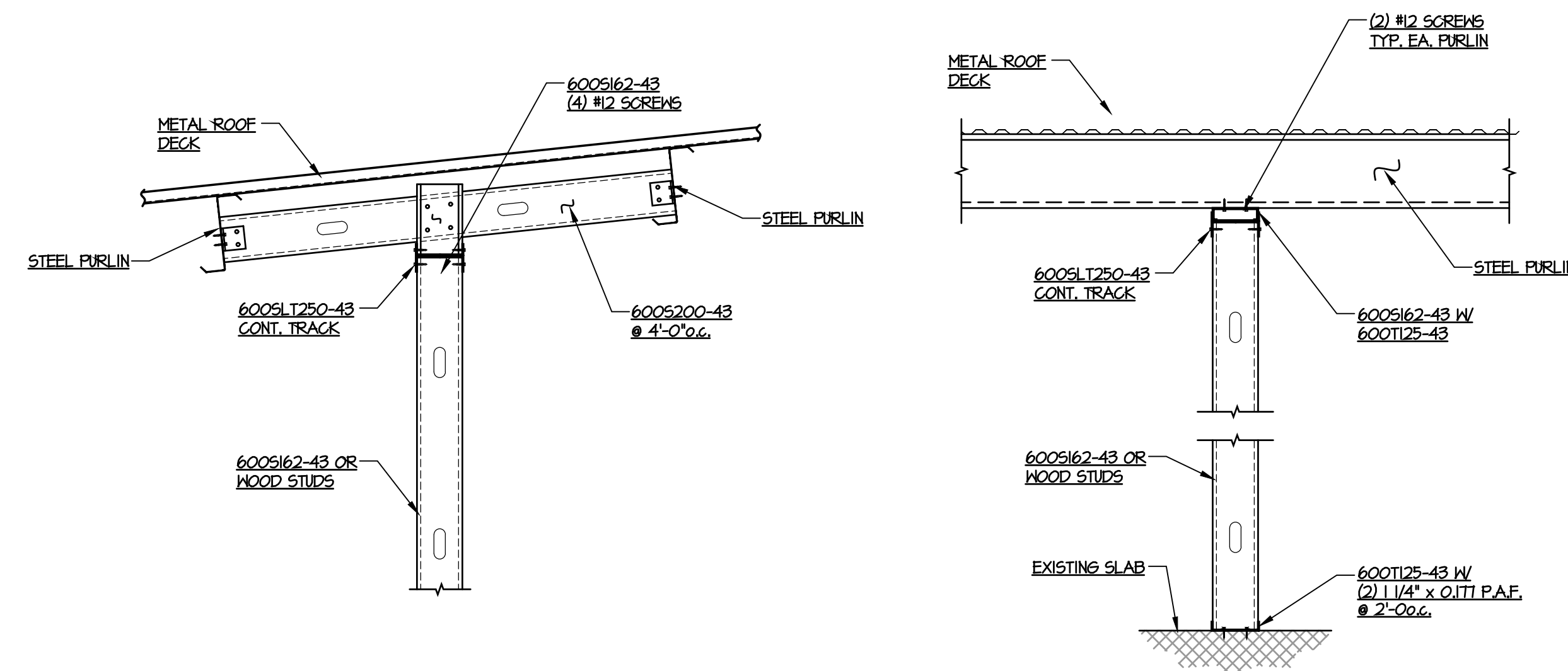
CORNER DETAIL @ DOUBLE TOP PLATE



WALL SHEATHING DETAIL



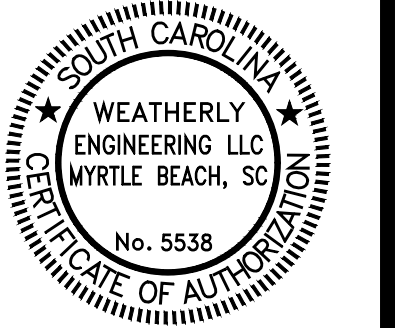
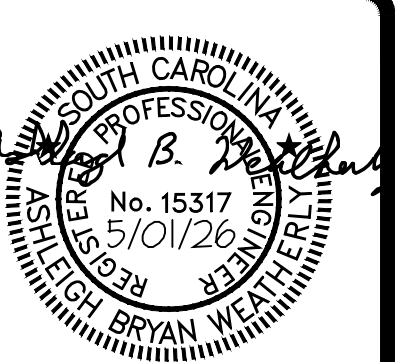
TYPICAL STAIR TO SLAB CONNECTION



TYP. ATTACHMENT OF
NON-LOAD BEARING WALLS
TO EXISTING ROOF STRUCTURE

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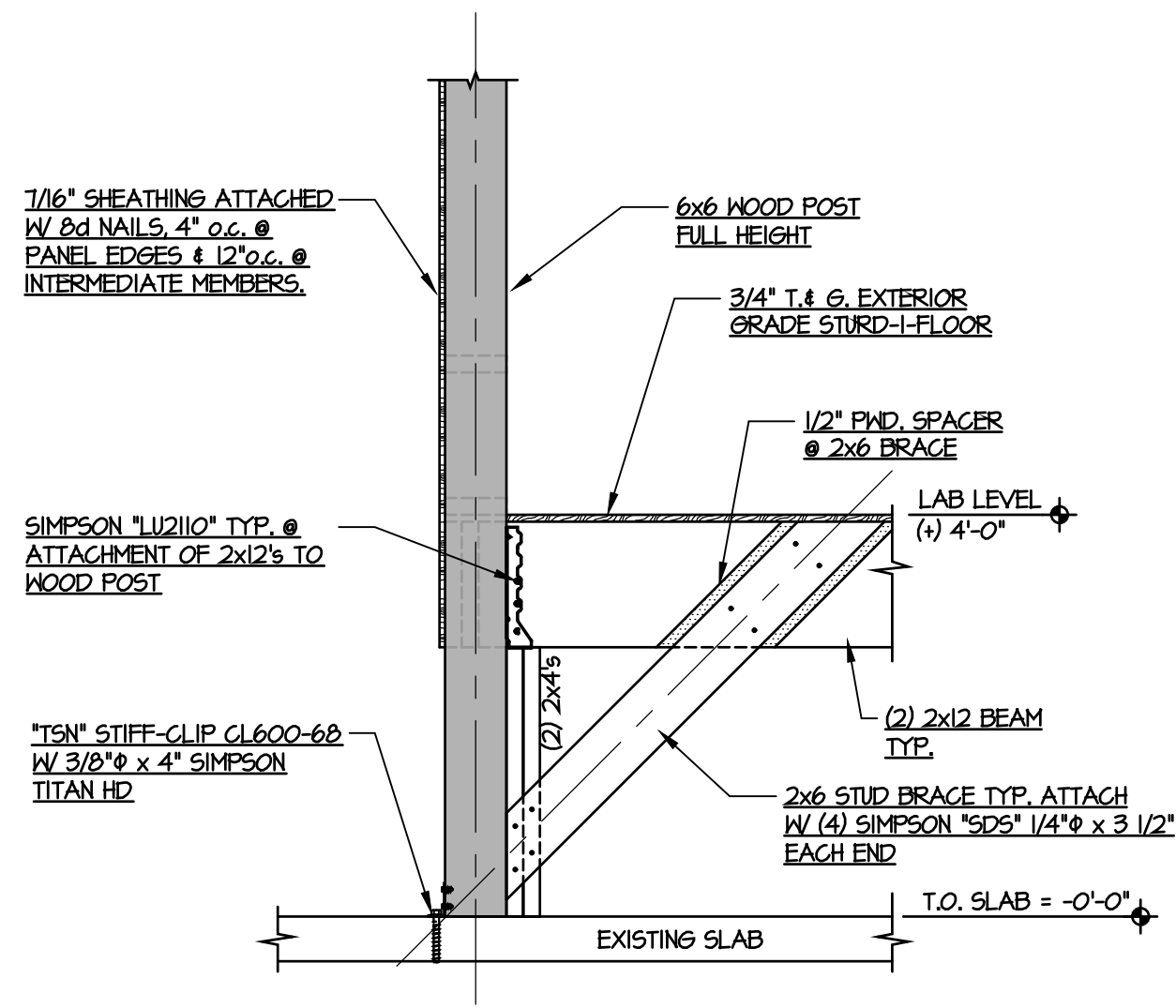
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Project Engineer	ABW
Drawn By	RC
Date Drawn	05-01-2026
Revisions	
No. _____	Date _____
No. _____	Date _____
No. _____	Date _____
No. _____	Date _____
Issue Date	



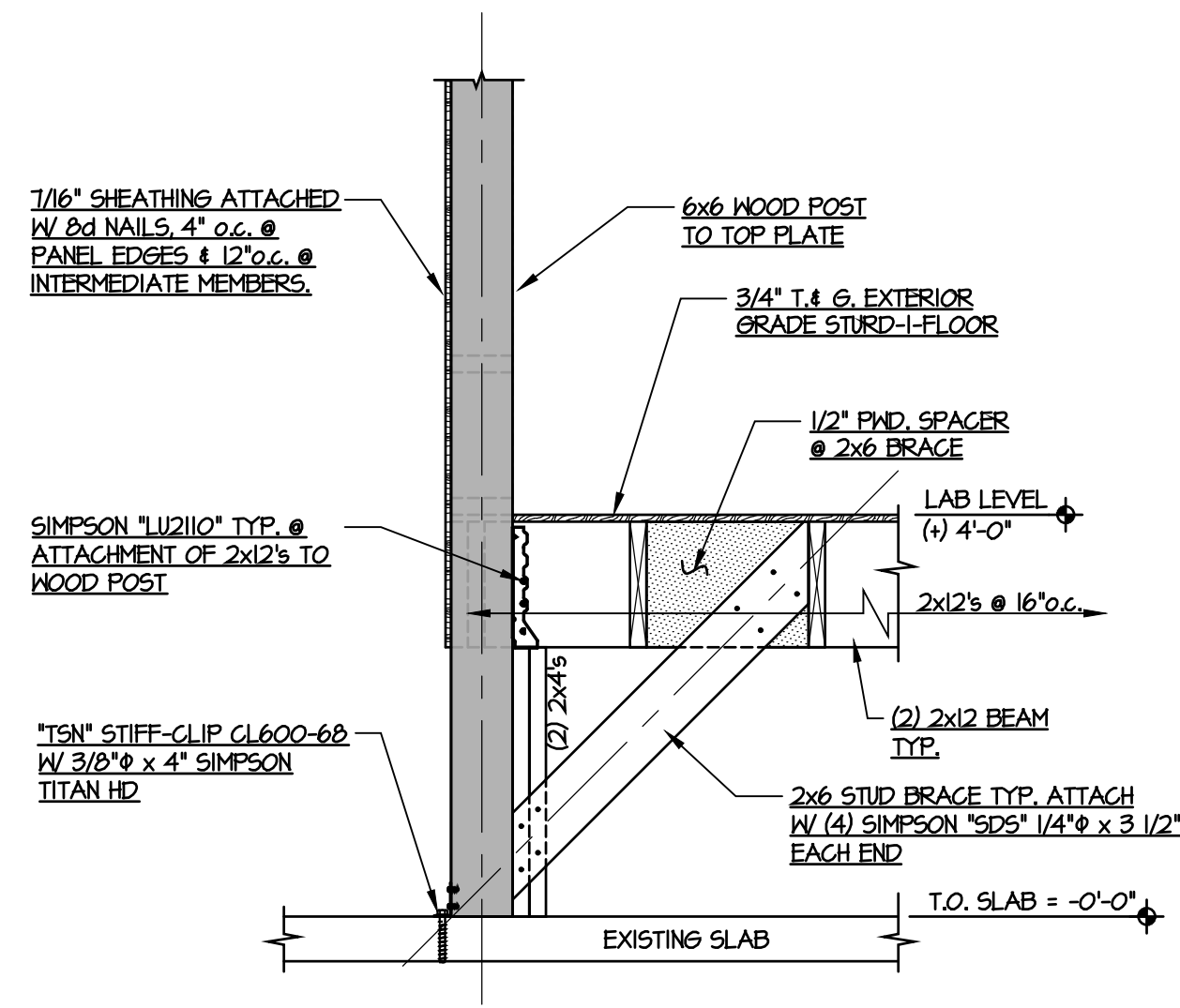
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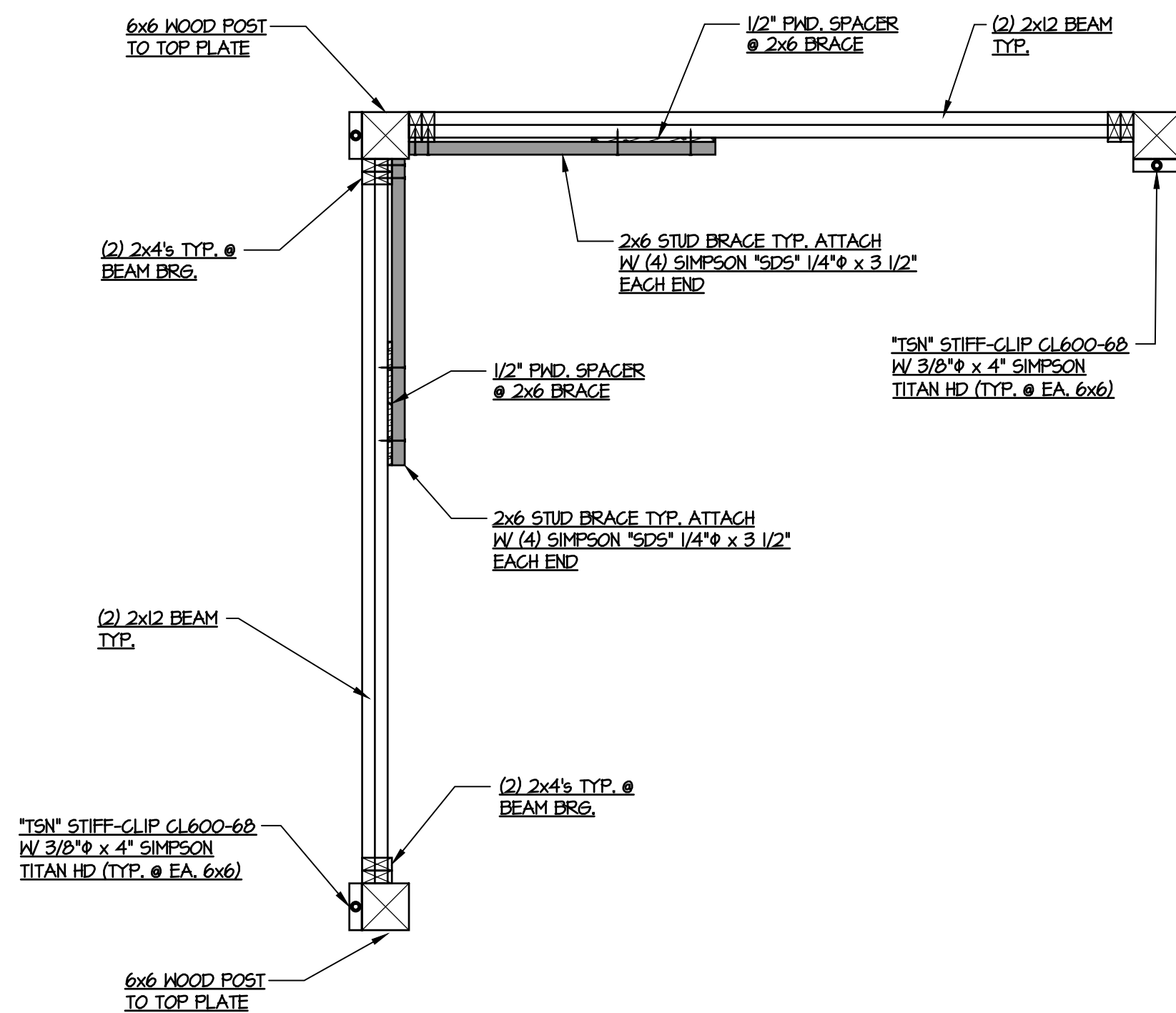
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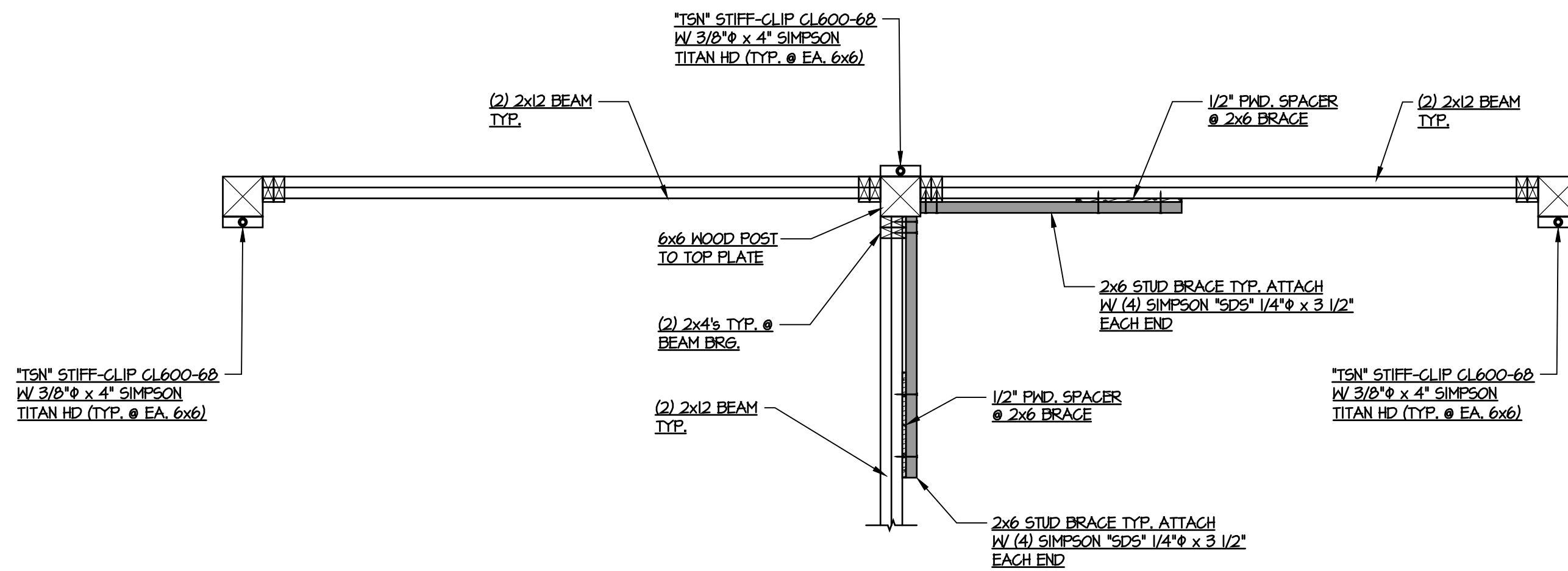
TYP. SECTION @ CORNER BRACING
(W/ FLOOR FRAMING PARALLEL TO CONNECTION)



TYP. SECTION @ CORNER BRACING
(W/ FLOOR FRAMING PERPENDICULAR TO CONNECTION)



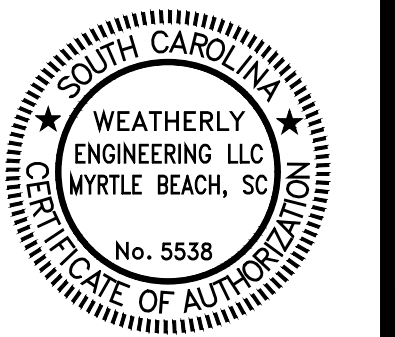
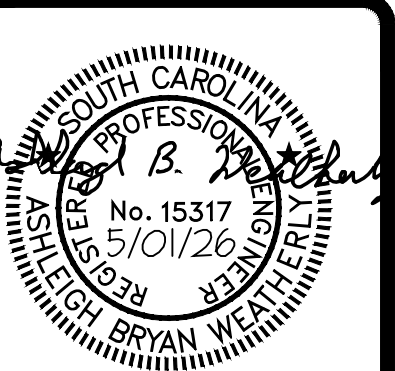
PLAN VIEW @ CORNER BRACING



PLAN VIEW @ INTERMEDIATE BRACING

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Project Engineer	ABW
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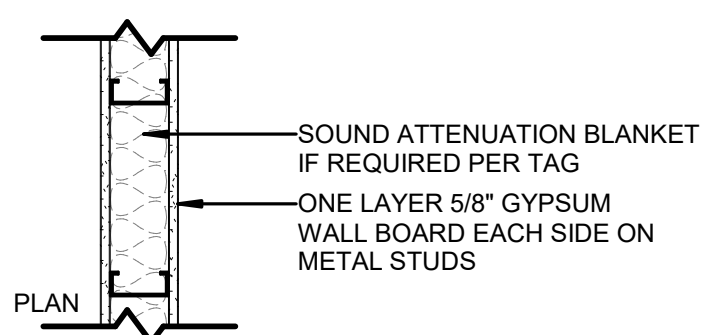
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Project Number	WE-26-132
Sheet	S2.1

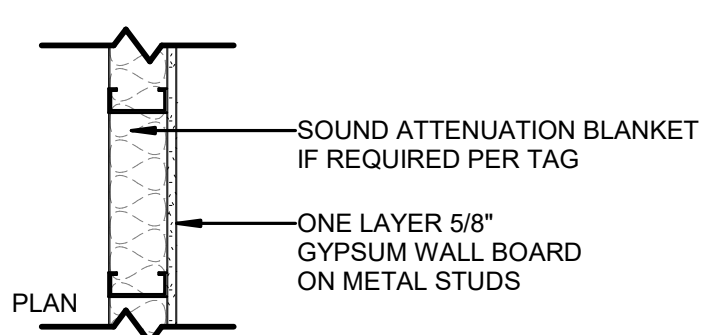
THE LINE SHOWN ABOVE IS EXACTLY ONE FOOT AND FIVE INCHES LONG

E



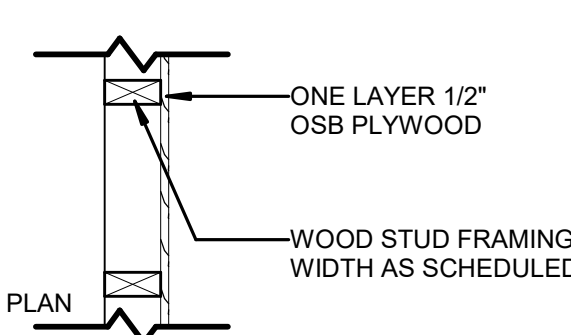
TAG	STUD SIZE	OVERALL THICK	RATING	UL ASSEMBLY	STC	HEAD DETAIL
6ASD	6"	7 1/4"				3C

A METAL STUD - ONE LAYER
1" = 1'-0"



TAG	STUD SIZE	OVERALL THICK	RATING	UL ASSEMBLY	STC	HEAD DETAIL
6FSD	6"	6 5/8"				

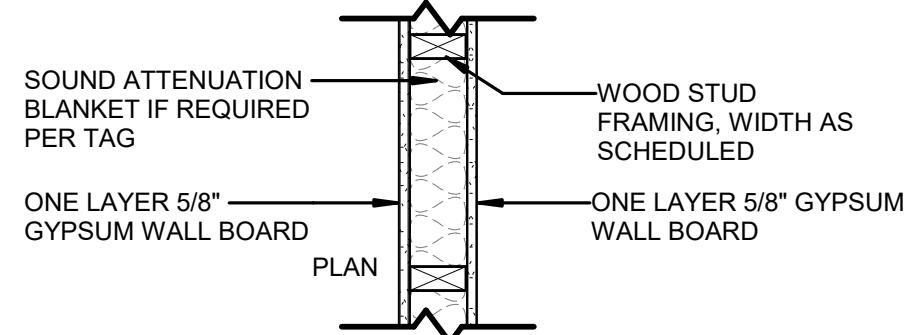
F METAL STUD FURRED - ONE LAYER
1" = 1'-0"



TAG	STUD SIZE	OVERALL THICK	RATING	UL ASSEMBLY	STC	HEAD DETAIL
4	3-1/2"	3 1/2"				
6G	5-1/2"	6"				

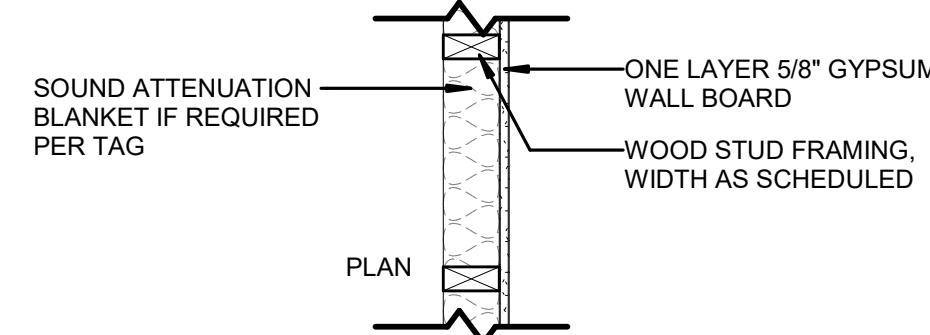
NOTE: PARTITION "4" IS AN OPEN-FRAMED WALL WITHOUT SHEATHING.

Q WOOD STUD FURRED - ONE LAYER
1" = 1'-0"



TAG	STUD SIZE	OVERALL THICK	RATING	UL ASSEMBLY	STC	HEAD DETAIL
00W		5/8"				
4WS	3-1/2"	4 3/4"				1C
6WS	5-1/2"	6 3/4"				1C

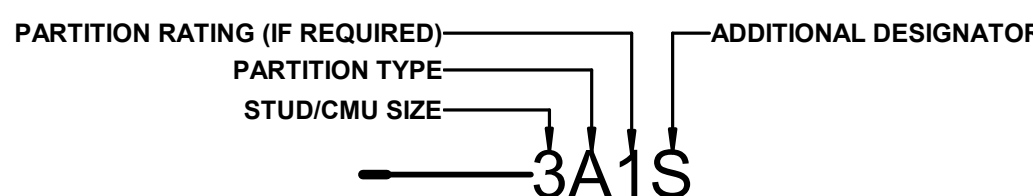
W WOOD STUD - ONE LAYER
1" = 1'-0"



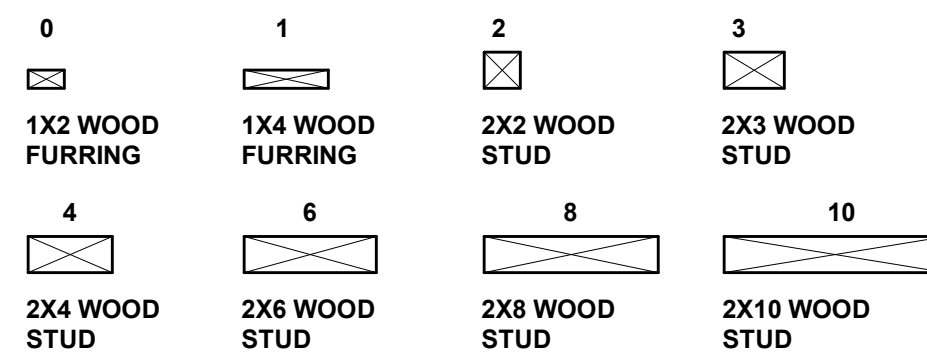
TAG	STUD SIZE	OVERALL THICK	RATING	UL ASSEMBLY	STC	HEAD DETAIL
4Y	3-1/2"	4 1/8"				

Y WOOD STUD FURRED - ONE LAYER
1" = 1'-0"

PARTITION TAG KEY



PARTITION MATERIAL & SIZE



PARTITION TYPES LEGEND

- A - METAL STUD BALANCED WALL
- F - METAL STUD FURRED WALL
- W - WOOD STUD BALANCED WALL
- Y - WOOD STUD FURRED WALL
- U - WOOD DOUBLE STUD WALL
- Q - WOOD STUD RESILIENT SOUND WALL
- Z - TWO LAYERS OF GWB ON EACH SIDE FOR SOUND, NON - RATED

PARTITION FIRE RATING

- 30 - 30 MINUTES RATED FIRE PARTITION
- 1 - 1HR RATED FIRE BARRIER, UNLESS W/ DESIGNATOR "C,K,P"
- 2 - 2HR RATED FIRE BARRIER, UNLESS W/ DESIGNATOR "C,W"
- 3 - 3HR RATED FIRE WALL, UNLESS W/ DESIGNATOR "B"
- 4 - 4HR RATED FIRE WALL, UNLESS W/ DESIGNATOR "B"
- 5 - NOT RATED, SMOKE PARTITION

ADDITIONAL DESIGNATORS

- B - FIRE BARRIER
- C - FIRE/SMOKE BARRIER
- W - FIRE WALL
- P - FIRE PARTITION
- K - SMOKE BARRIER
- D - NON-RATED EXTEND TO DECK ABOVE
- J - IMPACT RESISTANT GWB PARTITION
- S - SOUND ATTENUATION BLANKET IN STUD WALL OR ACOUSTIC FILL IN CMU WALL, PARTITION SHALL EXTEND TO ADJACENT WALLS AND STRUCTURE ABOVE, PROVIDE ACOUSTICAL SEALANT AT BOTTOM, TOP AND SIDES
- H - HALF WALL OR PARTIAL HEIGHT WALL
- F - RADIO FREQUENCY SHIELDING (USED FOR SECURE PARTITIONS)

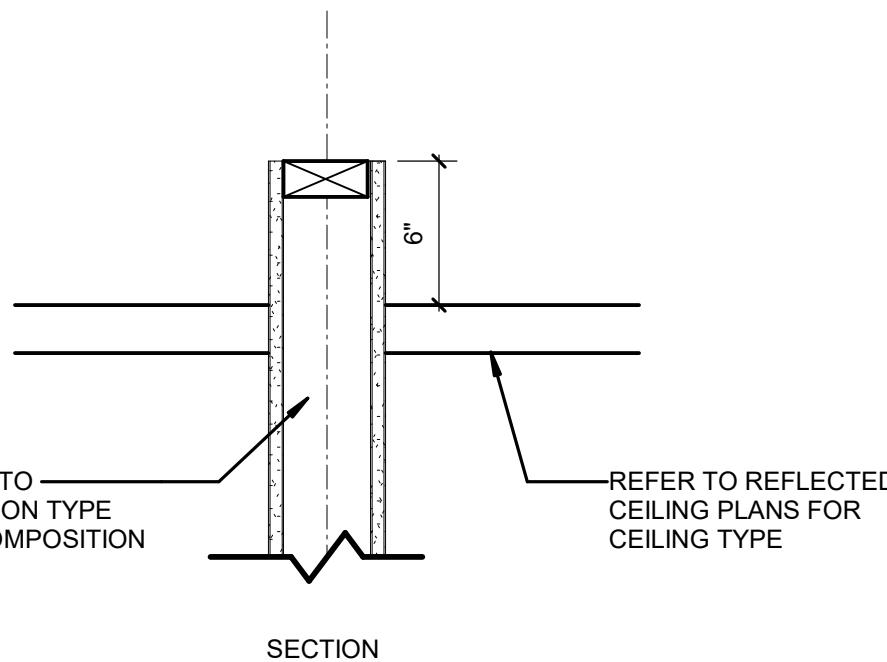
PARTITION NOTES

- ALL NON-DESIGNATED PARTITIONS SHALL BE **4W**
- NON-RATED PARTITIONS, EXCEPT THOSE WITH "D" OR "S" DESIGNATOR, GWB SHALL EXTEND 6" ABOVE THE CEILING U.N.O.
- NON-RATED SMOKE PARTITIONS SHALL EXTEND TO THE STRUCTURE ABOVE.
- FIRE RATED PARTITIONS SHALL EXTEND TO THE STRUCTURE ABOVE, SEE UL DETAILS FOR ADDITIONAL REQUIREMENTS
- TYPE "D,E,R,Q" PARTITIONS SHALL EXTEND TO ADJACENT WALLS AND STRUCTURE ABOVE, PROVIDE ACOUSTICAL SEALANT AT BOTTOM, TOP, AND SIDES
- AT WET AREAS AND RESTROOMS, PROVIDE MOISTURE RESISTANT GWB OR MOLD & MOISTURE RESISTANT GWB AT NON-RATED PARTITIONS. PROVIDE FIRE RATED MOISTURE RESISTANT GWB OR FIRE RATED MOLD & MOISTURE RESISTANT GWB AT RATED PARTITIONS.
- ON PARTITIONS RECEIVING WALL TILE (REFER TO FINISH SCHEDULE) PROVIDE CEMENTITIOUS BACKER BOARD BEHIND PORTIONS OF PARTITION RECEIVING TILE ONLY.

PARTITION TAG EXAMPLES

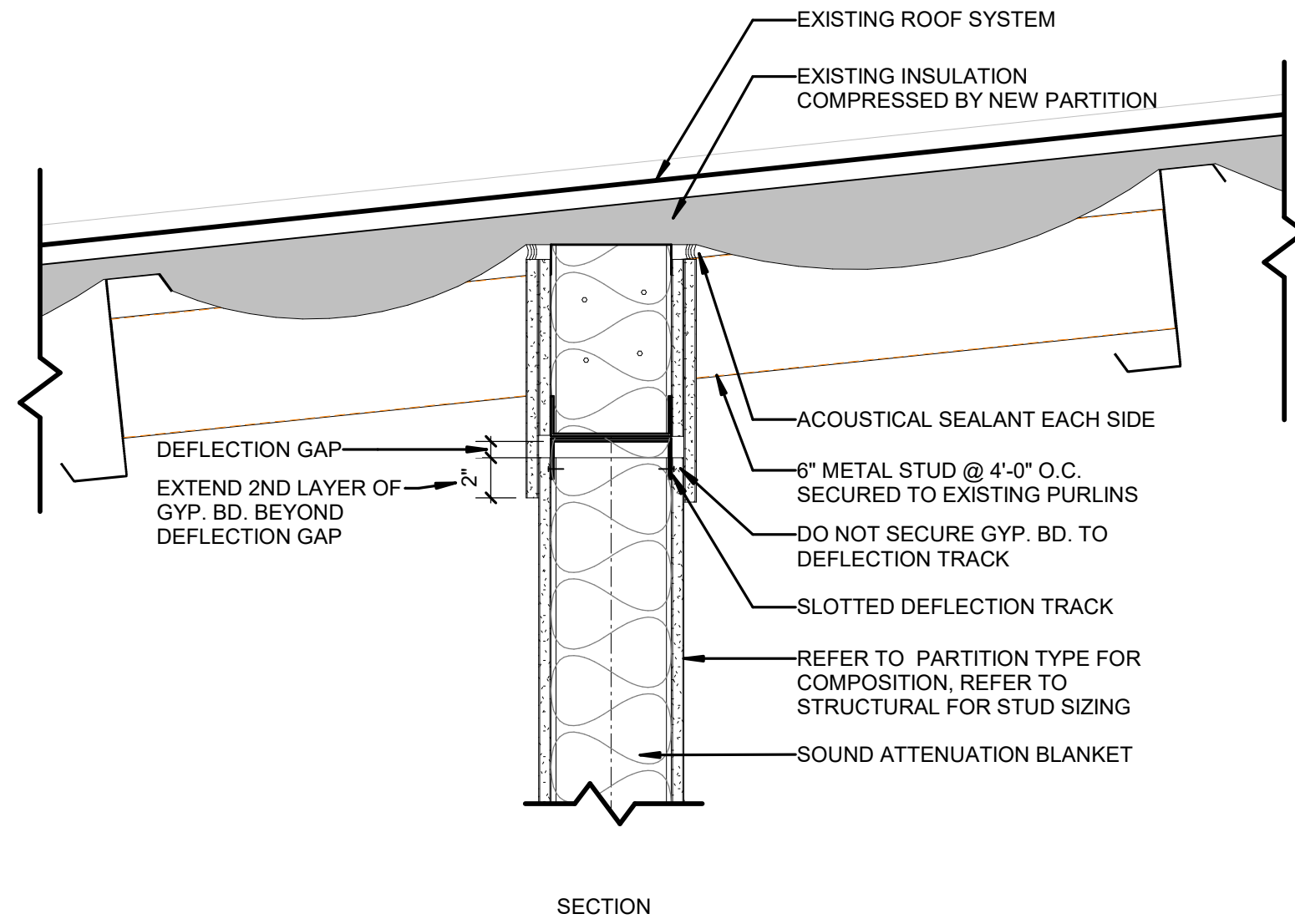
3A	3 5/8" METAL STUD, NON-RATED, GWB 6" ABOVE CLG
3AD	3 5/8" METAL STUD, NON-RATED, EXTEND TO DECK ABOVE
3AS	3 5/8" METAL STUD, NON-RATED W/ SOUND ATTENUATION
3A1K	3 5/8" METAL STUD, 1 HOUR RATED SMOKE BARRIER
3A1S	3 5/8" METAL STUD, 1 HOUR RATED FIRE BARRIER W/ SOUND ATTENUATION
3AZS	3 5/8" METAL STUD, NON-RATED, (2) LAYERS OF GWB EACH SIDE W/ SOUND ATTENUATION
3A3	3 5/8" METAL STUD, 3 HOUR RATED FIRE WALL
3A5	3 5/8" METAL STUD, NON RATED SMOKE PARTITION
4S2	4" C-H METAL STUD, 2 HOUR RATED FIRE BARRIER
6MS	6" NOM. CMU W/ ACOUSTIC FILL
8M	8" NOM. CMU, NON-RATED, MIN. COURSING ABOVE CLG
8M3	8" NOM. CMU, 3 HOUR RATED FIRE WALL
12MD	12" NOM. CMU, NON-RATED, EXTEND TO DECK ABOVE

D



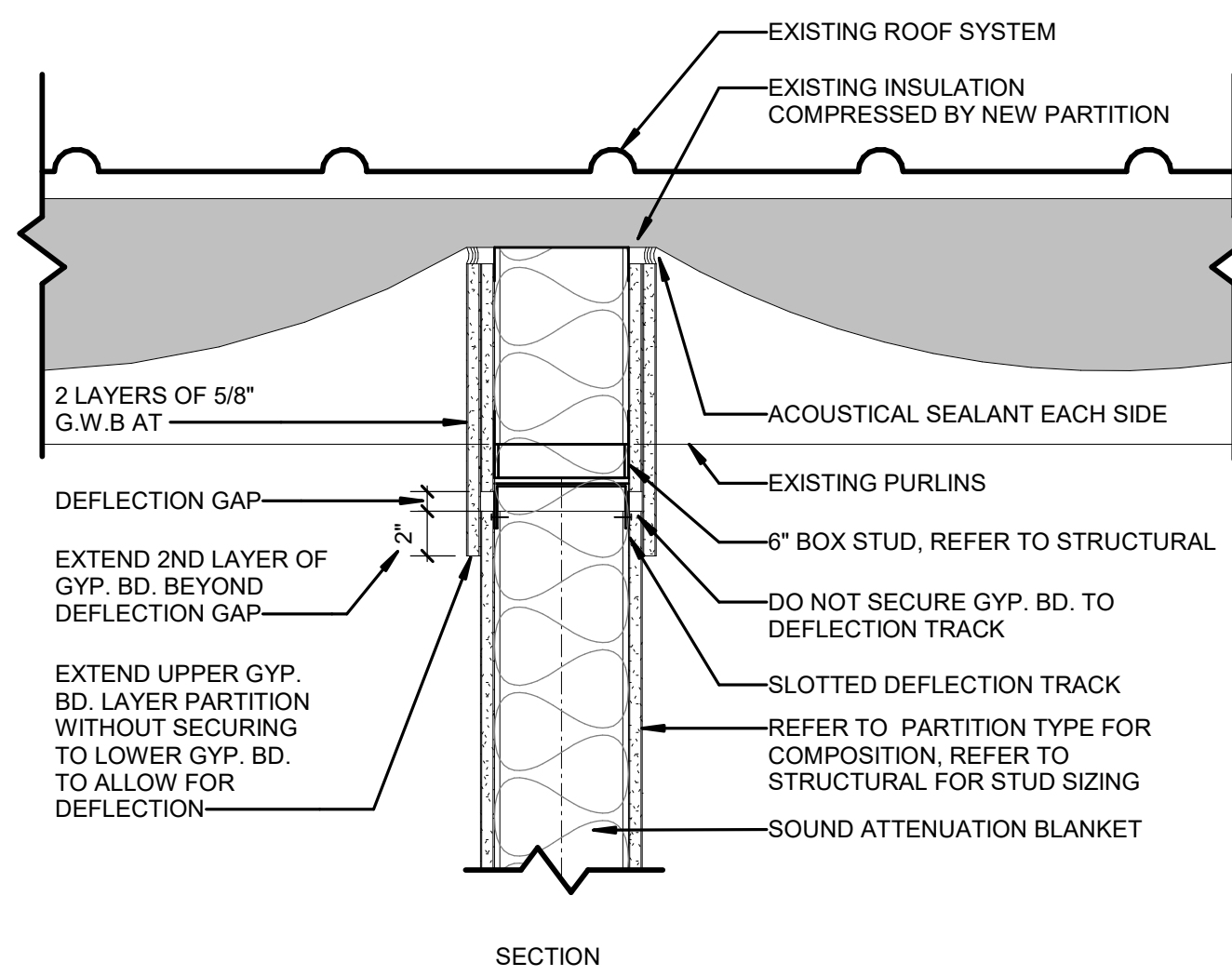
(PARTITION TERMINATED ABOVE CEILING)

1C HEAD ABOVE CEILING DETAIL
1 1/2" = 1'-0"



(PARTITION TO DECK - ACOUSTIC RATED)
PERPENDICULAR TO DECK RIBS

3C HEAD TO DECK DETAILS
1 1/2" = 1'-0"

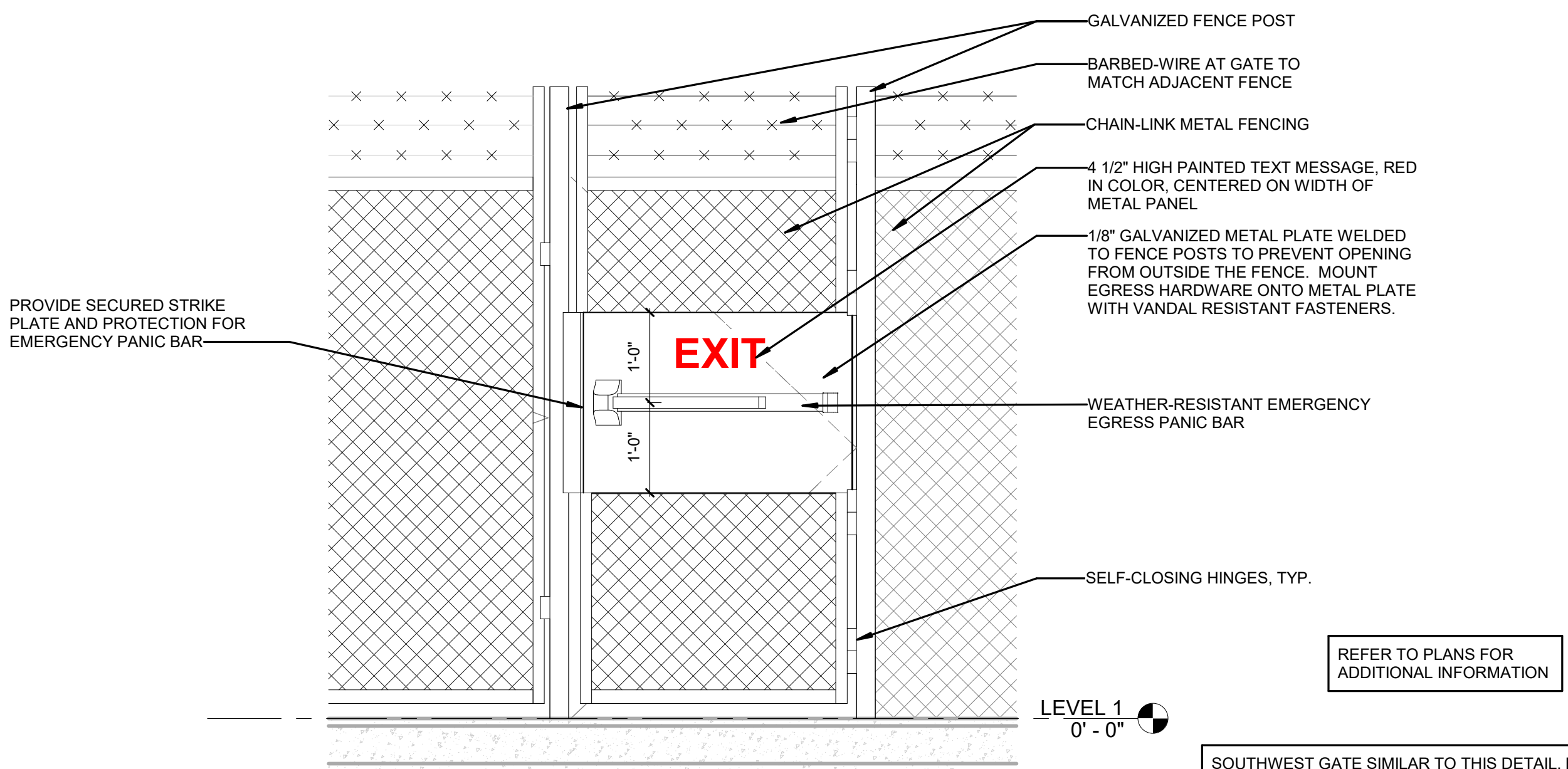


(PARTITION TO DECK - ACOUSTIC RATED)
PARALLEL TO DECK RIBS

C

B

A



4A GATE ELEVATION (NORTH GATE)
3/4" = 1'-0"

DATE	DESCRIPTION
0 2026.05.01	PERMIT SET
1 2026.08.19	PERMIT REVISIONS

A

PERMIT SET

THE LINE SHOWN ABOVE IS EXACTLY ONE FOOT ABOVE THE FINISHED FLOOR AND SHALL BE MAINTAINED AS SUCH

E

D

C

B

A

8/19/2026 5:16:13 PM

1

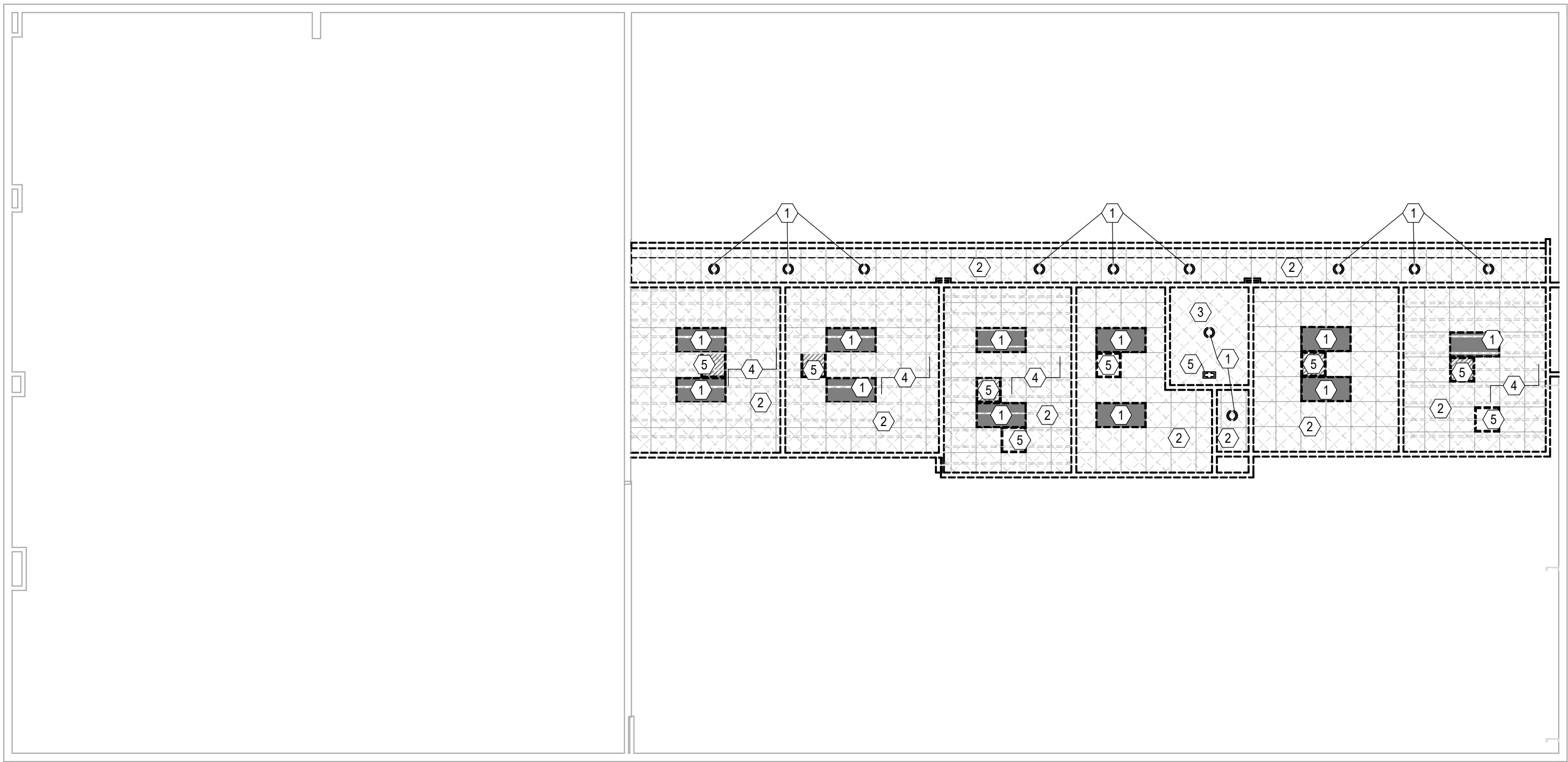
2

3

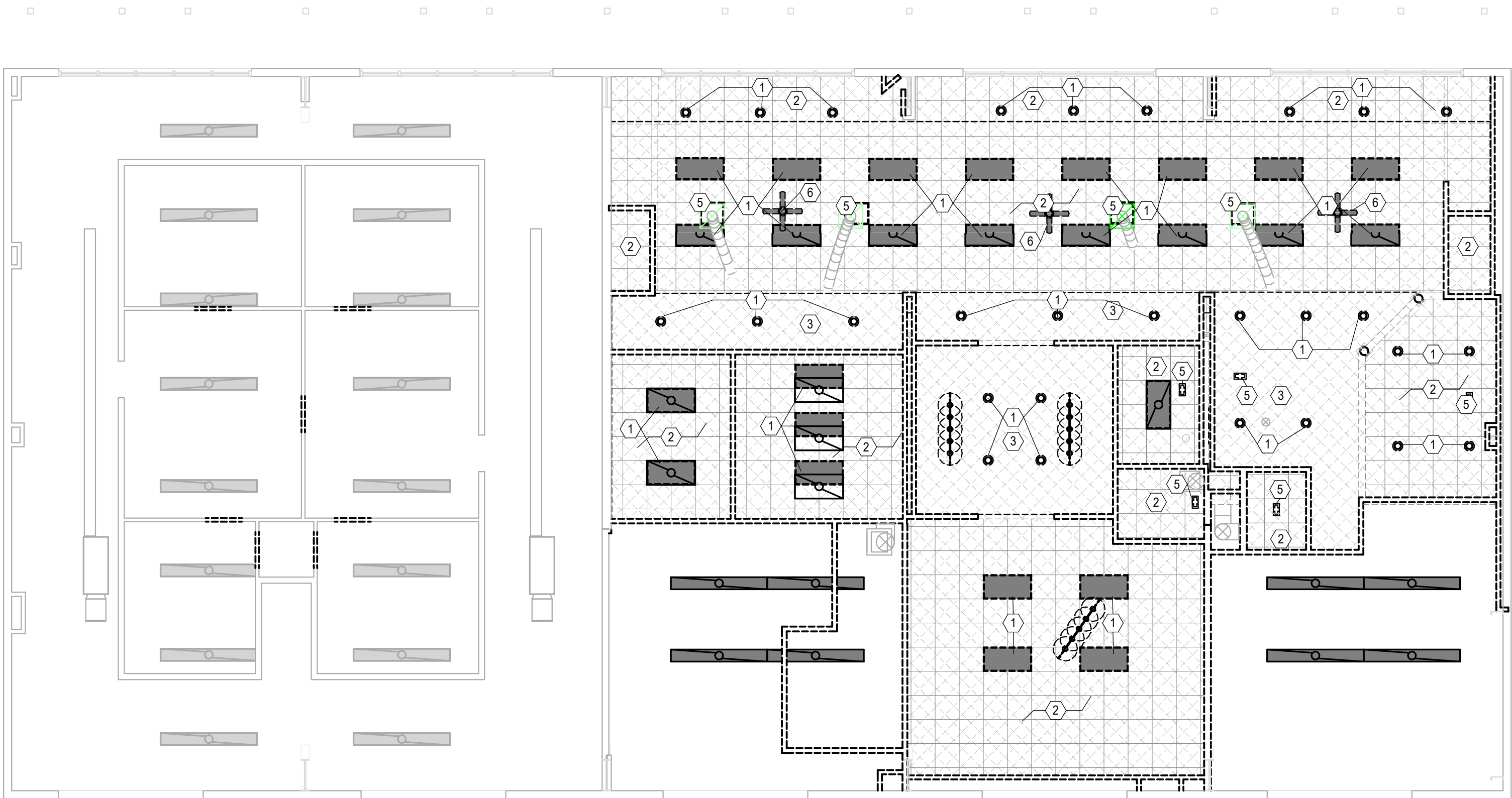
4

5

6



C1 DEMOLITION-RCP-PARTIAL- LEVEL 2
1/8" = 1'-0"



A1 DEMOLITION-RCP-PARTIAL- LEVEL 1
1/8" = 1'-0"

#	DEMOLITION RCP NOTES BY...
NUMBER	NOTE
1	REMOVE EXISTING LIGHT FIXTURES
2	REMOVE EXISTING ACT CEILING
3	REMOVE EXISTING GYP CEILING
4	REMOVE EXISTING WOOD STUD
5	REMOVE EXISTING HVAC SUPPLY
6	REMOVE EXISTING FAN



3067 DEVILLE STREET
MYRTLE BEACH, SOUTH CAROLINA 29577
TEL. 843.872.0360
WWW.LS3P.COM



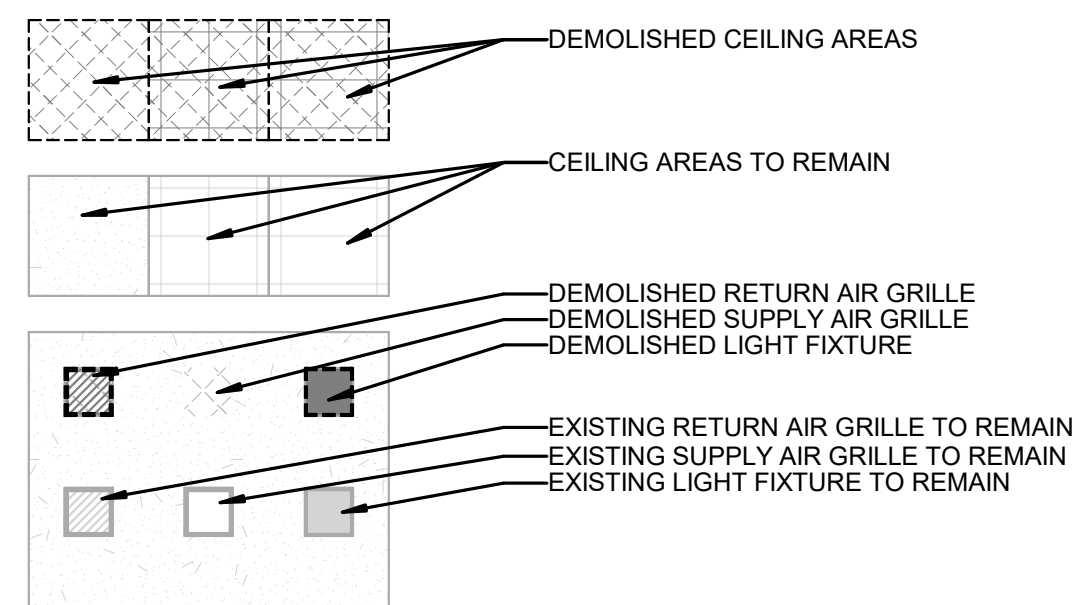
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**HGTC - Conway Daytona
Building Renovation**

209 Daytona Street
Conway, South Carolina 29526

STATE PROJECT #: H59-N347-CB
LS3P PROJECT #: 4202-250085

DEMOLITION RCP LEGEND



DEMOLITION RCP SHEET NOTES

- NUMBERED KEY NOTES DO NOT IMPLY SEQUENCE. CONTRACTOR TO PERFORM DEMOLITION WORK AS REQUIRED PER WORK SEQUENCE.
- DEMOLITION DRAWINGS ARE INTENDED TO SHOW GENERAL AREAS OF DEMOLITION AS WELL AS GENERAL EXISTING CONDITIONS. THEY DO NOT SHOW ALL WORK WHICH MAY BE NECESSARY. COMPARE WITH DRAWINGS INDICATING NEW CONSTRUCTION.
- REFER TO OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION ON DEMOLITION. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING WORK TO REMAIN SHALL BE TEMPORARILY SECURED, BRACED, STABILIZED AND PROTECTED UNTIL PERMANENT CONSTRUCTION IS IN PLACE.
- THE CONTRACTOR MUST MAINTAIN ADEQUATE SUPPORT FOR INSULATION, WATERPROOFING, EMERGENCY LIGHTING, SECURITY, ALARMS, ETC. FOR ALL OR PART OF ITEMS WHICH ARE TO REMAIN.
- VERIFY FIELD CONDITIONS PRIOR TO START OF DEMOLITION/CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- VERIFY THAT CONSTRUCTION INDICATED FOR REMOVAL IS NOT LOAD BEARING OR IS ADEQUATELY SHORED AS INDICATED ON STRUCTURAL DRAWINGS PRIOR TO STARTING ANY WORK.
- ERECT BARRICADES, FENCES OR OTHER SECURABLE MEANS TO PREVENT UNAUTHORIZED ACCESS INTO CONSTRUCTION ZONES.
- DO NOT ALLOW MATERIAL AND DEBRIS GENERATED BY DEMOLITION ACTIVITIES TO ACCUMULATE ON THE JOB SITE. REMOVE DAILY AND DISPOSE OF IN A LEGAL MANNER. NO ON-SITE SALE OR BURNING OF REMOVED ITEMS IS PERMITTED.
- TERMINATE AND CAP UTILITIES IN WALLS, CEILINGS, AND FLOORS, NOTED TO BE REMOVED AND NOT INTENDED FOR REUSE.
- PREPARE AND PATCH SURFACES THAT ARE TO RECEIVE NEW FINISHES REQUIRED AFTER REMOVING OR RELOCATING DEVICES, WIRING OR OTHER APPURTENANCES. REFER TO FINISH SCHEDULE FOR NEW FINISHES.
- MAINTAIN EXISTING FINISHES, OPERATIONAL CHARACTERISTICS, AND APPEARANCE OF ITEMS SCHEDULED TO REMAIN OR BE REUSED.
- IN THE EVENT THAT ANY PARTY ENCOUNTERS SUSPECTED ASBESTOS, HAZARDOUS OR OTHER TOXIC MATERIAL AT THE JOB SITE, OR SHOULD IT BECOME KNOWN THAT SUCH MATERIAL MAY BE PRESENT AT THE JOB SITE, CONTRACTOR SHALL NOTIFY THE OWNER AND THE ARCHITECT IMMEDIATELY IN WRITING.

SHEET NAME:
DEMOLITION
CEILING PLAN-
LEVEL 1 & 2

SHEET:

AD-121

PERMIT SET

PERMIT SET

A



RESTROOM ACCESSORIES				
TAG	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
	MOP AND BROOM HOLDER	Bradley Corporation	9953 BradEX	
CH1	COAT HOOK	BRADLEY	B7671	
GB2	GRAB BAR- HORIZONTAL- 36"	BRADLEY	812-36"	
GB3	GRAB BAR- HORIZONTAL- 42"	BRADLEY	812-42"	
GB5	GRAB BAR- VERTICAL- 18"	BRADLEY	812-18"	
MR-1	MIRROR - 18" x 36"	BRADLEY	71-1836	
MR-2	MIRROR - 72" x 36"	BRADLEY	CUSTOM	CHANNEL FRAME MIRROR
ND1	SANITARY NAPKIN DISPOSAL	BRADLEY	4781-150000	SURFACE MOUNTED
ND5	TOWEL DISPENSER/WASTE RECEPTACLE	BRADLEY	2291-000000	RECESSED
SD	SOAP DISPENSER	BRADLEY	6563	
TP1	TOILET DISPENSER	BRADLEY	5071	
TPD-1	TOILET TISSUE DISPENSER	BRADLEY	5241	CONTROLLED DELIVERY

PERMIT SET

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH AND FIFTEEN SIXTEENTHS OF AN INCH IN SIZE

E

D

C

B

A

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PLUMBING FIXTURE SCHEDULE						
MARK	DESCRIPTION	CONNECTION SIZES				BASIS OF DESIGN
		CW	HW	SAN	VENT	
P-1	WATER CLOSET	1/2"	-	3"	2"	TOTO DRAKE II, TANK TYPE, ADA COMPLIANT, 1.6 GPF, ELONGATED BOWL, MODEL CST744SLB
P-2	LAVATORY (ADA)	1/2"	1/2"	1-1/4"	1-1/4"	TOTO COMMERCIAL, ADA COMPLIANT WALL HUNG LAVATORY, MODEL LT307, FAUCET: TOTO KEANE, SINGLE HANDLE ADA COMPLIANT, MODEL TL211SD
P-3	MOP SINK	3/4"	3/4"	2"	1-1/2"	FIAT STOCKTON TERRAZO CORNER MOP BASIN, MODEL TSCBC1610, FAUCET: ZURN AQUASPEC WALL-MOUNT, MODEL ZB43M1
P-4	WASH FOUNTAIN	1"	1"	2"	1-1/2"	BRADLEY WF2703 STAINLESS STEEL SEMI CIRCULAR WASH/FOUNTAIN WITH FOOT ACTIVATION, MODEL: WF2703-F
P-5	BH-LEVEL WATER COOLER	1/2"	-	1-1/4"	1-1/4"	ELKAY BH-LEVEL WATER COOLER, MODEL EZSTL8WSLK, WITH EZ2H20 BOTTLE FILLING STATION

NOTES:

1. PROVIDE ANGLE STOP VALVES, SUPPLY TUBING, P-TRAPS, ESCUTCHEON PLATES, CARRIERS, ETC. FOR COMPLETE INSTALLATION PER ADA GUIDELINES.
2. ALL SUPPLY AND WASTE LINES SHALL BE CONCEALED IN ADJACENT WALL, FLOOR, AND CEILING, UNLESS NOTED OTHERWISE.
3. MANUFACTURER AND MODEL NUMBER LISTED AS BASIS OF DESIGN. PROVIDE INDICATED OR EQUAL THAT MEETS SCHEDULED PERFORMANCE REQUIREMENTS.

OTHER DRAINAGE AND DOMESTIC WATER SPECIALTIES

UNLESS OTHERWISE INDICATED NUMBERS ARE JAY R. SMITH. EQUAL PRODUCTS: WATTS, ZURN, JOSAM AND WADE.

CQ - FINISHED FLOORS:
JAY R. SMITH FIG. 4237L CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, ADJUSTABLE ROUND EXTRA HEAVY DUTY NICKEL BRONZE TOP, FLASHING FLANGE, SPEEDI-SET OUTLET CONNECTION.

CQ - TILE FLOORS:
JAY R. SMITH FIG. 4151 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, ADJUSTABLE ROUND NICKEL BRONZE TOP RECESSED FOR TILE WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION.

CQ - CARPETED FLOORS:
JAY R. SMITH FIG. 4031-V C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG, ADJUSTABLE ROUND NICKEL BRONZE TOP COMPLETE WITH STAINLESS STEEL CARPET MARKER WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION.

WCQ - WALL CLEANOUT
JAY R. SMITH FIG. 9176 THREADED WALL CLEANOUT WITH 6" LONG, VANDAL PROOF CENTER SCREW, POLISHED STAINLESS STEEL COVER PLATE.

WATER HAMMER ARRESTORS:
JAY R. SMITH 5000 SERIES ALL STAINLESS STEEL "HYDROTROLS". INSTALL IN AN UPRIGHT POSITION AT ALL FLUSH VALVES, AND OTHER QUICK CLOSING VALVES. LOCATE AND SIZE AS INDICATED ON DRAWINGS OR IN ACCORDANCE WITH POI STANDARD WH-201. MINIMUM OF 1 PER END OF EACH CWHW BRANCH PIPING.

ELECTRIC WATER HEATER SCHEDULE						
MARK	STORAGE CAPACITY (GAL)	RECOVERY @ 90°F (GPH)	ELECTRICAL (V/PH/Hz)	ELEMENTS		BASIS OF DESIGN
				NO. @ WATTS	OPERATION	
EWH-1 (E)	40	21	240/160	2 @ 4,500	NON-SIMULTANEOUS	RHEEM PROE40 T2 RH95

SEE BELOW

NOTES:

1. INFORMATION SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL PROVIDE GENERAL INSPECTION, MAINTENANCE AND ADJUSTMENTS AS NECESSARY TO ENSURE EQUIPMENT IS OPERATING PROPERLY. NOTIFY OWNER UPON ANY DISCREPANCIES FOUND. TYP.

PLUMBING LEGEND AND ABBREVIATIONS

	PIPE DROP
	PIPE RISE
	PIPE CAP
	BRANCH TAKE OFF
	PIPE DROP TEE
	PIPE RISE TEE
	CHECK VALVE
	UNION
	PIPE FLANGE
	CONCENTRIC REDUCER
	FLOW ARROW
	SHUTOFF VALVE (GATE VALVE)
	SHUTOFF VALVE (BALL VALVE)
	SHUTOFF VALVE (GATE VALVE)
	VENT PIPING (V)
	SANITARY PIPING (SAN)
	DOMESTIC COLD WATER PIPING (CW)
	DOMESTIC HOT WATER PIPING (HW)
	PLUMBING FIXTURE DESIGNATION
	ELECTRIC TANK TYPE WATER HEATER DESIGNATION
	ROOF DRAIN DESIGNATION
	AREA DRAIN DESIGNATION
	FLOOR DRAIN DESIGNATION
	HOSE BIBB
	SANITARY VENT THROUGH ROOF(VTR)
	CLEAN OUT
	POINT OF CONNECTION

PLUMBING GENERAL NOTES AND SPECIFICATIONS

- ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (IPC) AND INTERNATIONAL ENERGY CONSERVATION CODE CURRENTLY ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
- PLUMBING SANITARY AND VENT PIPING SHOWN IS ONLY FOR DIAGRAMMATIC PURPOSES. COORDINATE VENT THROUGH ROOF LOCATION WITH HVAC AIR INTAKES. MAINTAIN MINIMUM CODE REQUIRED CLEARANCE TO INTAKES AND BUILDING OPENINGS.
- PROVIDE CLEANOUTS AT THE BASE OF EACH SANITARY WASTE STACK IF TWO OR MORE LEVELS. CLEANOUTS SHALL BE SIZED TO MATCH THE PIPING BEING SERVED. FLOOR CLEANOUTS SHALL BE SPACED PER IPC AND ALL LOCAL CODES. ALSO PROVIDE CLEANOUTS IN HORIZONTAL CHANGE OF DIRECTIONS >45°.
- THE MANUFACTURERS OF ALL EQUIPMENT SHOWN ARE THE BASIS OF DESIGN. CONTRACTOR SHALL PROVIDE EQUIPMENT OF EQUAL SPECIFICATIONS AND PERFORMANCE.
- COORDINATE UNDERGROUND PIPING INVERT ELEVATIONS WITH STRUCTURAL FOOTING ELEVATIONS AND CIVIL INVERT CONNECTIONS PRIOR TO ANY UNDERGROUND PIPING INSTALLATIONS.
- VALVES AND FITTINGS SHALL BE THE SAME SIZE AS THE PIPING WHERE THEY ARE LOCATED UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL ROUGH-IN ALL WASTE AND WATER SUPPLIES FOR FIXTURES AND PERFORM FINAL CONNECTIONS AS NEEDED.
- ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTIONS, UNLESS NOTED OTHERWISE.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL PLUMBING FIXTURES.
- PROVIDE THERMAL INSULATION FOR HOT WATER, HOT WATER RECIRCULATION AND COLD WATER PIPING IN ACCORDANCE WITH THE INTERNATIONAL ENERGY CONSERVATION CODE.
- HOT, COLD & RECIRCULATING WATER PIPING 1" AND SMALLER SHALL COPPER OR PEX PIPING. ACCORDING TO ASTM F 876 WITH ASTM F 1807 METAL INSERT AND COPPER CRIMP RING FITTINGS. WITH APPROPRIATE FITTINGS AND CONNECTIONS. NO "SHARK BITE" FITTINGS WILL BE ALLOWED.
- INSTALL HANGERS FOR PEX TUBING EVERY 32".
- HOT, COLD & RECIRCULATING WATER PIPING 1-1/4" AND LARGER SHALL BE ONE OF THE FOLLOWING OR MATERIALS CONFORMING TO IPC SECTION 605.4 WATER DISTRIBUTION PIPING:
 - COPPER TUBING CONFORMING TO ASTM B-88 WITH SWEAT JOINTS AND CAST OR WROUGHT FITTINGS. JOINTS SHALL BE MADE WITH LEAD FREE SOLDER, L.W. HARRIS "BRIDGIT" OR EQUAL.
 - CPVC CONFORMING TO ASTM D284. JOINTS MADE PER MANUFACTURERS REQUIREMENTS CONSISTING OF PRIMER AND SOLVENT CONFORMING TO ASTM F493.
- ALL SANITARY, WASTE AND VENT PIPING SERVING SHALL BE SCHEDULE 40 PVC-DWV PIPE AND FITTINGS WITH SOLVENT CEMENT JOINTS. PER ASTM D-1785 AND D-2685. ALL PIPE AND FITTINGS SHALL BE MANUFACTURED IN THE UNITED STATES AND CONFORM TO NSF-14. PVC PIPING SHALL NOT BE LOCATED IN RETURN AIR PLENUM SPACES. CELLULAR-CORE PVC SHALL BE PERMITTED UPON OWNER/ENGINEER APPROVAL.
- ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. WATER PIPING SHALL BE HUNG USING COPPER LOOP HANGERS WITH INSULATION AND PIPE SADDLES OVER COPPER PIPING. SANITARY AND VENT PIPING SHALL BE HUNG USING GALVANIZED LOOP HANGERS FOR CAST IRON OR PVC PIPING.
- WATER PIPING ROUTED IN EXTERIOR WALLS SHALL BE ROUTED ON THE HEATED SIDE (INSIDE) OF WALL INSULATION.
- SANITARY AND DRAINAGE PIPING 2" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT MINIMUM. PIPING 3" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT MINIMUM. UNLESS SHOWN OTHERWISE ON THE PLANS.
- TOPS OF ALL FLOOR DRAINS AND CLEAN OUTS SHALL BE SET FLUSH WITH FINISHED FLOOR.
- LOCATE ALL SECTIONAL OR MAIN CONTROL VALVES WITHIN 1'-0" FROM ACCESS PANELS, CEILING TILES, OR OTHER POINT OF ACCESS.
- ALL COLD WATER, HOT WATER AND DRAIN PIPING AT HANDICAPPED FIXTURES SHALL BE INSULATED WITH HANDI-LAV GUARD MODELS 102 AND 105 INSULATION KITS.
- ALL EXPOSED PIPING PENETRATING CEILINGS AND WALLS SHALL BE INSTALLED WITH CHROME-PLATED ESCUTCHEONS AT THE PENETRATION. ALL PIPING PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE FLASHED IN AN APPROVED MANNER AND SHALL BE PROTECTED AS REQUIRED BY LOCAL CODE AUTHORITY.
- PROVIDE WATER HAMMER ARRESTORS SIZED PER POI SPECIFICATIONS ON ALL DOMESTIC WATER LINES AND/OR WHERE NOTED ON THE DRAWINGS.
- SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ARCHITECT/OWNER PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY EQUIPMENT OR SYSTEMS. SHOP DRAWINGS SHALL INCLUDE: ALL EQUIPMENT SCHEDULED ON THE DRAWINGS; PLUMBING FIXTURES AND TRIM; WATER HEATERS AND ACCESSORIES.
- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
- ALL PIPE PENETRATIONS OF FIRE AND/OR SMOKE-RATED ASSEMBLIES SHALL BE FIRE-STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY 3M COMPANY, CP25 CAULK, CS195 COMPOSITE PANEL, FS195 WRAPSTRIP, OR PSS 7800 SERIES SYSTEMS AS RECOMMENDED BY MANUFACTURER FOR PARTICULAR APPLICATION, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS.
- PERFORM CORING, CUTTING, FITTING REPAIRING AND FINISHING OF THE WORK NECESSARY FOR THE INSTALLATION OF THE EQUIPMENT ON THIS PROJECT. HOWEVER, NO CUTTING OF THE WORK OF OTHER TRADES OR OF ANY STRUCTURAL MEMBER SHALL BE DONE WITHOUT THE CONSENT OF THE ARCHITECT AND PROPERTY MANAGER. PROPERLY FILL, SEAL, FIREPROOF AND WATERPROOF ALL OPENINGS, SLEEVES, AND HOLES IN SLABS. FURNISH AND INSTALL ALL REQUIRED SLEEVES AND INSERTS.
- ALL FLOOR PENETRATIONS THROUGH CONCRETE SLABS MUST BE CORE-BORED OR SAWCUT, SLEEVED, SEALED, FIRESTOPPED AND WATERPROOFED. ALL PIPING SLEEVES SHALL EXTEND A MINIMUM OF 4" ABOVE FINISHED FLOOR.
- TESTING OF ALL WATER PIPING AND DRAINAGE PIPING SHALL FOLLOW THE LATEST ADOPTED EDITION OF THE INTERNATIONAL PLUMBING CODE AND ALL STATE AMENDMENTS.
- PROTECTION OF THE WATER SUPPLY SYSTEM FOR THIS FACILITY SHALL MEET THE BACKFLOW PREVENTION DEVICE REQUIREMENTS OF THE IPC (CURRENTLY ADOPTED), SECTION 608.
- THE SANITARY AND WASTE INVERT ELEVATIONS PROVIDED ARE FOR REFERENCE ONLY. EXISTING PLANS DO NOT INDICATE PIPE INVERT ELEVATIONS FOR EXISTING SANITARY AND WASTE PIPING SYSTEMS. THE CONTRACTOR SHALL VERIFY EXISTING PIPE INVERT ELEVATIONS WITH CIVIL SITE DRAWINGS AND PROVIDE A SHOP DRAWING INDICATING SITE CONDITIONS PRIOR TO CONSTRUCTION.
- ALL MATERIALS LOCATED WITHIN THE CEILING RETURN AIR PLENUM SHALL BE NONCOMBUSTIBLE AND SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO ANY BID SUBMISSION TO FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. THE CONTRACTOR SHALL MAKE ADJUSTMENTS IN ROUTING AND LOCATION AND, IF NECESSARY, IN SIZE, IN ORDER TO ACHIEVE THE SPECIFIED PERFORMANCE WITHOUT INCURRING ADDITIONS TO THE CONTRACT. WHERE EXISTING CONDITIONS DIFFER SIGNIFICANTLY ENOUGH TO AFFECT PRICING, THE CONTRACTOR SHALL NOTIFY THE BUILDING OWNER/MANAGER PRIOR TO BID SUBMISSION FOR A RESOLUTION. NO ALLOWANCE WILL BE MADE FOR LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
- PER THE INTERNATIONAL BUILDING CODE (IBC), PLUMBING EQUIPMENT AND COMPONENTS, INCLUDING SUPPORTS AND ATTACHMENTS, SHALL BE DESIGNED FOR SEISMIC FORCES IN ACCORDANCE WITH CHAPTER 13 OF ASCE 7-16. WHERE DESIGN FOR SEISMIC AND WIND LOADS ARE REQUIRED, THE MORE DEMANDING FORCE MUST BE USED. FOR ALL COMPONENTS REQUIRING SEISMIC RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL OR BE ACCOMPANIED BY THE APPROPRIATE ICCES EVALUATION REPORT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT SUCH DESIGN AND INSTALLATION ARE IN ACCORDANCE WITH THE IBC REQUIREMENTS.
- ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE.

PLUMBING GENERAL DEMOLITION NOTES

- ALL ITEMS SHOWN WITH HATCHED OR DASHED DARK LINES INDICATE ITEMS TO BE DEMOLISHED. ALL WORK SHOWN LIGHT AND THIN INDICATES EXISTING TO REMAIN. ALL ITEMS SHOWN DARK AND HEAVY INDICATE NEW WORK. SEE ARCHITECTURAL DRAWINGS AND CODED DEMOLITION NOTES FOR SPECIFIC INFORMATION.
- LOCATION OF EXISTING PLUMBING EQUIPMENT, FIXTURES, PIPING, AND RELATED ACCESSORIES, ETC. ARE APPROXIMATE. THE CONTRACTOR SHALL EXAMINE THE SITE PRIOR TO BUILDING AND AFTER DEMOLITION HAS EXPOSED "AS-BUILT" CONDITIONS TO VERIFY EQUIPMENT, FIXTURE, AND PIPING LOCATIONS. THE CONTRACTOR SHALL MAKE ADJUSTMENTS AND/OR ALTERATIONS AS NECESSARY TO INSTALL COMPLETE AND OPERABLE SYSTEMS IN ACCORDANCE WITH THE CODES HAVING JURISDICTION AT NO ADDITIONAL COST TO THE OWNER.
- ALL OPENINGS AND SURFACES MADE BARE BY DEMOLITION AND/OR REMOVAL OF AIR OUTLETS, EQUIPMENT, CONTROLS, ETC. SHALL BE REPAIRED AND/OR PATCHED TO MATCH ADJACENT FINISH. PREPARE SURFACES TO RECEIVE NEW FINISH. SEE ARCHITECTURAL DRAWINGS FOR NEW FINISH SCHEDULE. ALL REPAIRS AND NEW FINISH SHALL BE BY TRADES SKILLED IN FINISH WORKS UNDER EMPLOY OF THE GENERAL CONTRACTOR.
- DURING THE LIFE OF THE CONTRACT (CONSTRUCTION AND DEMOLITION TO POINT OF BENEFICIAL OCCUPANCY BY [OWNER] [OWNER] [GOVERNMENT]), THE CONTRACTOR SHALL PROTECT ALL SYSTEMS OR PORTIONS OF SYSTEMS TO REMAIN FOR REUSE FROM DAMAGE. ALL SYSTEMS SHALL BE TESTED IN SERVICE AFTER COMPLETION OF THE CONTRACT AND MADE COMPLETE AND OPERABLE AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE ALL DEMOLITION WITH ALL TRADES INVOLVED.
- EXISTING PIPING RUN CONCEALED IN FLOOR SLAB OR UNDERGROUND AND NOT INDICATED OR SPECIFIED FOR REUSE IN NEW WORK SHALL BE ABANDONED UNLESS NOTED OTHERWISE. CUT PIPING AND/OR CONDUIT AT FLOOR AND MINIMUM 12" BELOW GRADE. PATCHING AND REPAIR FLOORS/STRUCTURES BY OTHERS.
- ALL WORK MUST BE ACCOMPLISHED IN PHASES AS SPECIFIED AND/OR INDICATED. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.



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PLUMBING -
LEGEND,
ABBREVIATIONS,
NOTES &
SPECIFICATIONS
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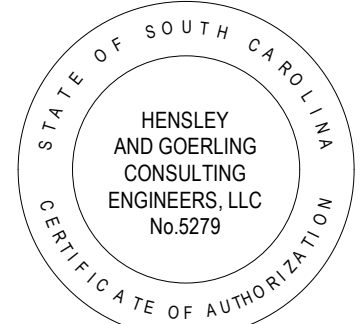
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LS3P PROJECT #: 4202-250695



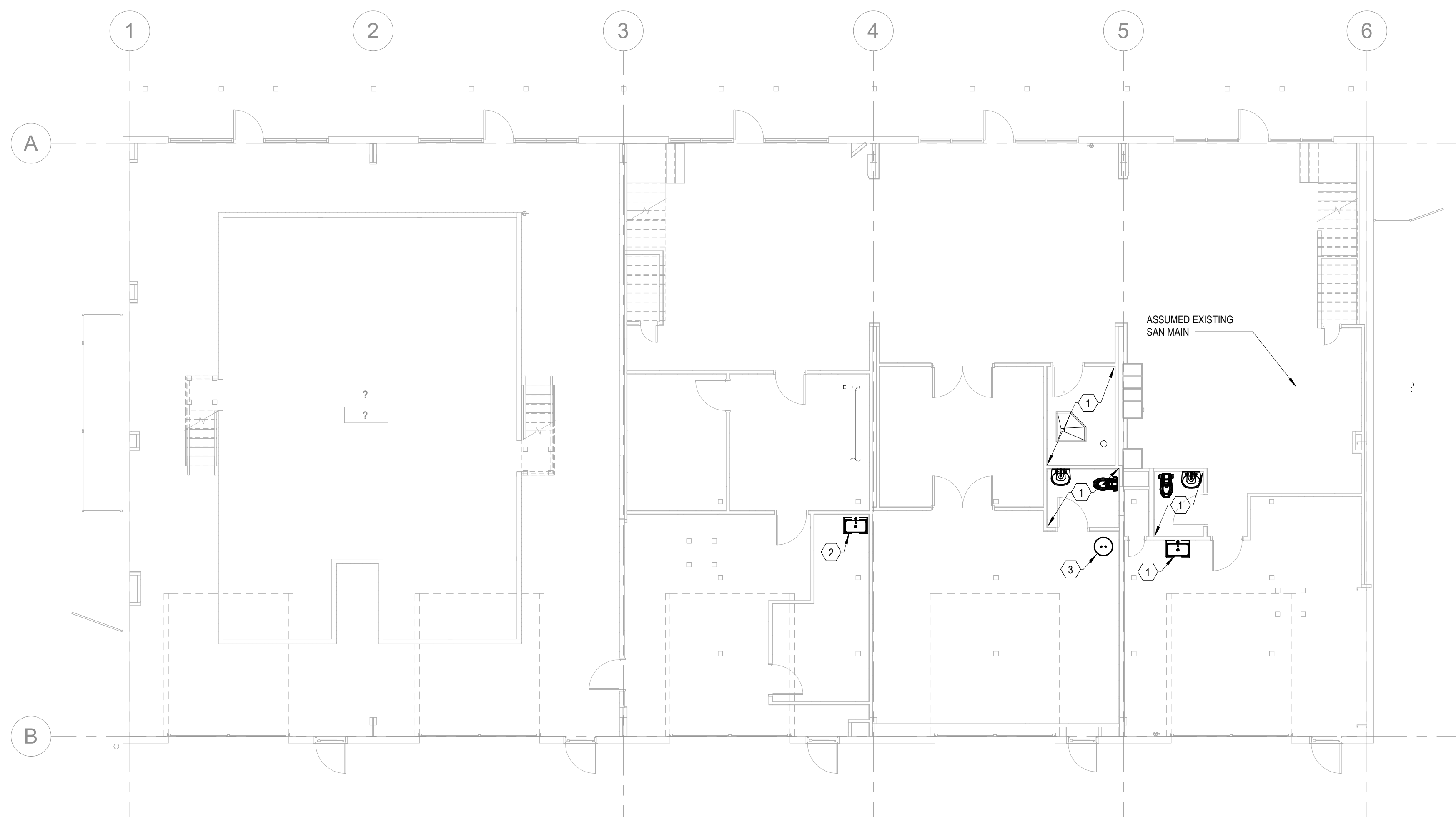
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2 PLUMBING PLAN - DEMO - 2ND FLOOR
1/8" = 1'-0"



1 PLUMBING PLAN - DEMO - 1ST FLOOR
1/8" = 1'-0"

GENERAL DRAWING NOTES

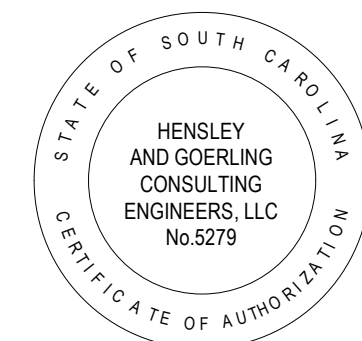
- A. LOCATION OF EXISTING EQUIPMENT, SYSTEMS AND PIPING WAS DETERMINED FROM LIMITED SITE VISITS AND AS-BUILT INFORMATION. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL SYSTEMS PRIOR TO BEGINNING WORK.

DEMOLITION DRAWING NOTES

1. DEMO & REMOVE EXISTING PLUMBING FIXTURES, CUP & CAP ASSOCIATED SAN AT FLOOR TO BE ABANDONED. DEMOLISH DOMESTIC WATER PIPING AND VENT BACK TO MAIN AND CAP.
2. DEMO & REMOVE EXISTING PLUMBING FIXTURE, CUT & CAP ASSOCIATED SAN AT FLOOR. ASSOCIATED PIPING TO BE REUSED TO GREATEST EXTENT DURING NEW WORK PHASE.
3. REMOVE & STORE EXISTING WATER HEATER FOR RELOCATION. CUT AND CAP ASSOCIATED PIPING BACK AT MAIN.



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PLUMBING - PLANS
- DEMO

SHEET:

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6

MECHANICAL GENERAL NOTES AND SPECIFICATIONS

- F. FABRICATE ALL DUCTWORK IN ACCORDANCE WITH SMACNA STANDARDS AND SPECIFICATIONS. ALL DUCTWORK SHALL BE A MINIMUM OF 26 GAUGE.
- G. PROVIDE ACCESS DOORS IN INACCESSIBLE CEILINGS TO ACCESS MEP DEVICES ABOVE CEILINGS NOT OTHERWISE ACCESSIBLE.
- H. INSTALL FLEXIBLE DUCTS IN ACCORDANCE WITH SMACNA STANDARDS AND PROJECT SPECIFICATIONS.
- I. MAXIMUM ALLOWED FLEXIBLE DUCT LENGTH SHALL NOT EXCEED SIX (6) FEET.
- J. PROVIDE MANUAL VOLUME DAMPERS AT EACH DUCT BRANCH LEADING TO AN OUTLET/INLET OPENING. INSTALL DAMPERS AT MAIN DUCT CONNECTIONS, BALANCE, LOCK, AND TAG HANDLE WITH ORANGE RIBBON OR SOME SORT OF VISIBLE TAGGING TAPE.
- K. DUCT PRESSURE CLASSIFICATION SHALL BE AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. IF NOT INDICATED, IT SHALL BE AS FOLLOWS:
- L. 1. SUPPLY DUCTS: 2" POSITIVE
- M. 2. RETURN DUCTS: 2" NEGATIVE
- N. 3. EXHAUST DUCTS: 2" NEGATIVE
- O. SEAL WITH GRAY WATER BASED DUCT SEALANT.
- P. REFER TO AIR DEVICE SCHEDULE FOR INLET DUCT SIZES UNLESS OTHERWISE INDICATED.
- Q. VERIFY ARCHITECTURAL REFLECTED CEILING PLANS IN THE FIELD FOR EXACT LAYOUT LOCATION OF ALL CEILING GRILLES & DIFFUSERS, COORDINATE WITH ALL OTHER TRADES FOR THEIR LAYOUTS.
- R. COORDINATE FINAL EQUIPMENT/FITTURE LOCATIONS WITH THE GENERAL CONTRACTOR. THE LOCATION AS INDICATED ON THE DRAWING IS APPROXIMATE. INSTALL ALL MECHANICAL EQUIPMENT SUCH THAT MANUFACTURER'S MAINTENANCE AREA IS CLEAR, AND EASILY ACCESSIBLE.
- S. COORDINATE ALL ROOF PENETRATION SIZES AND LOCATIONS WITH APPROVED EQUIPMENT SHOP DRAWINGS. ROOF REPAIR/FLASHING BY OTHERS.
- T. ALL ROOFTOP EQUIPMENT SHALL BE INSTALLED A MINIMUM OF 10'-0" FROM THE INSIDE OF PARAPET WALL IN ACCORDANCE WITH THE APPLICABLE MECHANICAL CODE.
- U. COORDINATE ALL MECHANICAL, PLUMBING AND ELECTRICAL WORK & EQUIPMENT WITH STRUCTURAL MEMBERS, ELECTRICAL WORK, FIXTURES AND ALL OTHER TRADES.
- V. DO NOT ROUTE ANY WET PIPING THROUGH ELECTRICAL, COMMUNICATION OR ELEVATOR EQUIPMENT ROOMS.
- W. RUN ALL PIPING CONCEALED ABOVE CEILING EXCEPT WHERE INDICATED.
- X. PROVIDE INSULATED TRAPPED CONDENSATION DRAIN PIPING, WITH AIR GAPS, FROM COOLING COIL DRAIN PANS TO NEAREST STORM DRAIN OR TO OUTSIDE AS INSTRUCTED BY THE ENGINEER, AND/OR AS SHOWN ON THE PLANS.
- Y. PROVIDE FLEXIBLE DUCT FLEXIBLE CONNECTION BETWEEN EACH DUCT FAN CONNECTION, MINIMUM 6".
- Z. PROVIDE VFD'S, STARTERS AND DISCONNECT SWITCHES FOR ALL MECHANICAL EQUIPMENT WHICH COMPLY WITH SPECIFICATIONS FOR MANUFACTURER, QUALITY, CONFORMANCE AND OPTIONS.
- AA. PROVIDE FIRESMOKE DAMPERS AT ALL DUCT PENETRATIONS OF ALL FIRESMOKE RATED ASSEMBLIES, TO MAINTAIN THE INTEGRITY OF THE ASSOCIATED FIRESMOKE ASSEMBLY.
- AB. FIRESTOPS/MOKESTOP AND SLEEVE ALL PENETRATIONS THROUGH FIRESMOKE RATED ASSEMBLIES. REFER TO LIFE SAFETY PLANS FOR RATED ASSEMBLIES AND LOCATIONS.
- AC. PROVIDE ALL CONCEALED SUPPLY AND RETURN DUCTWORK WITH 2" FOIL FACED FIBERGLASS WRAP INSULATION, FSK TAPE ALL SEAMS AND SEAL WITH GRAY WATER BASED DUCT SEALANT.
- AD. ALL EXPOSED DUCTWORK SHALL BE DOUBLE WALL SPIRAL DUCTWORK, LINDFAB OR APPROVED EQUAL WITH PAINT GRIP FINISH.
- AE. PROTECT ALL OPENINGS IN DUCTWORK DURING CONSTRUCTION.
- AF. REFER TO ELECTRICAL DRAWINGS FOR ALL ELECTRICAL REQUIREMENTS FOR EQUIPMENT.
- AG. THE MECHANICAL CONTRACTOR IS TO COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES REQUIRED OPENINGS IN WALLS, FOUNDATIONS, FLOORS, AND ROOFS.
- AH. OUTSIDE AIR INLETS TO BE LOCATED A MINIMUM OF 10 FT FROM ANY EXHAUST AIR OUTLET OR PLUMBING VENT STACK. COORDINATE WITH THE PLUMBING AND THE GENERAL CONTRACTORS IN THE FIELD. INLET AIR INTAKES AND EXHAUST DISCHARGE FOR BUILDING VENTILATION WILL BE LOCATED A MINIMUM OF 10 FT ABOVE GRADE.
- AI. THE MECHANICAL CONTRACTOR TO VERIFY MECHANICAL EQUIPMENT LOCATIONS AND BE RESPONSIBLE FOR ALL RELATED CLEARANCES IN THE FIELD AND PER IMC 2021, SECTION 306. PROVIDE ADEQUATE MAINTENANCE CLEARANCE AROUND EACH PIECE OF EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE CLEARANCE IN FRONT OF ELECTRICAL PANELS AND OTHER ELECTRICAL EQUIPMENT PER THE NATIONAL ELECTRICAL CODE REQUIREMENTS. COORDINATE WITH THE ELECTRICAL AND GENERAL CONTRACTORS IN THE FIELD.
- AJ. PROVIDE WATER PROOF SEALING OF PIPE AND DUCT PENETRATIONS OF EXTERIOR WALLS, FLOORS, AND/OR ROOF.
- AK. ALL DUCTWORK AND PIPING PENETRATING THROUGH RATED WALLS TO BE FIRE STOPPED.
- AL. PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS ARE TO BE FIRE SEALED SO AS TO MAINTAIN FLOOR OR WALL INTEGRITY IN THE EVENT OF A FIRE.
- AM. VERIFY CHILLER SIZES ON ALL EQUIPMENT INLETS AND OUTLETS. TRANSITION DUCTWORK AS NECESSARY. EXTERNALLY INSULATE ALL TRANSITIONS AT EQUIPMENT CONNECTIONS.
- AN. PROVIDE FLEXIBLE DUCT, PIPE CONNECTIONS, AND VIBRATION ISOLATORS FOR INTERNALLY ISOLATED UNITS.
- AO. DO NOT MOUNT DISCONNECT SWITCHES ON HVAC EQUIPMENT EXCEPT AS RECOMMENDED BY MANUFACTURER.
- AP. AVOID ROUTING DUCTWORK OVER LIGHTS WHEREVER POSSIBLE. MAINTAIN MINIMUM 6" CLEARANCE BETWEEN DUCT INSULATION TO TOP OF LIGHTS.
- AQ. KEEP MECHANICAL SYSTEMS TIGHT TO STRUCTURE AT ALL TIMES, MAINTAINING ACCESSIBILITY.
- AR. ALL 90 AND 45 DEGREE ELBOWS SHALL HAVE TURNING VANES (DO NOT INCLUDE AT RADIIUS TURNS OFF THE DISCHARGE OF AIR HANDLING UNITS).
- AS. PRIOR TO STARTUP OF AIR HANDLING SYSTEMS, INSTALL AND MAINTAIN TEMPORARY FILTERS OVER ALL RETURN, EXHAUST AND RELIEF GRILLES AND OPENINGS. FILTRATION MEDIUM SHALL HAVE A RATINGS OF MERV 8 OR BETTER.
- AT. INSTALL DIELECTRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.
- AU. HVAC PIPING
- AV. 1. ALL REFRIGERANT PIPING SHALL BE COPPER TUBE, TYPE AC ASTM 8280 WITH WROUGHT COPPER FITTINGS (ASME B16.22). ALL PIPING SHALL BE RATED FOR 380 PSI TESTING PRESSURE.
- AW. 2. BRASS FILLER METALS SHALL BE ASTM B32, 95.5 IN ANTIHORN OR ALLOY HB SOLDER TO JOIN COPPER FITTINGS. BRAZING FILLER METALS SHALL BE 40% AS 163 AS 163.
- AX. 3. PROVIDE 3/4" ELASTOMERIC INSULATION ON SUCTION PIPING AND FITTINGS, ARMAFLEX OR EQUIVALENT. SEAL WITH APPROPRIATE PRODUCT SEALANT FOR ALL SEAMS AND JOINTS. INSULATION SHALL BE PROVIDED ON LIQUID LINE PIPING WHEN USING VAPOR PERMEABLE FLOW SYSTEMS, PER MANUFACTURER'S WRITTEN GUIDELINES.
- AY. TESTING AND BALANCING (TAB)
- AZ. 1. PROVIDE TESTING AND BALANCING ON EACH SYSTEM IN ACCORDANCE WITH ASHRAE 111, NEBB AND SMACNA'S HVAC SYSTEMS - TESTING, ADJUSTING, AND BALANCING.
- BA. 2. CONTRACTOR SHALL EXAMINE ALL CONTRACT DOCUMENTS AND BECOME FAMILIAR WITH PROJECT CONDITIONS REQUIREMENTS AND ANY OTHER RELATED EXISTING CONDITIONS. EXAMINE EQUIPMENT AND MATERIAL SUBMITTALS, DESIGN DATA AND PERFORMANCE CRITERIA.
- BB. 3. CONTRACTOR SHALL REPORT DEFICIENCIES DISCOVERED BEFORE AND DURING PERFORMANCE TAB PROCEDURES.
- BC. 4. CONTRACTOR SHALL PREPARE A TAB PLAN INCLUDING EQUIPMENT AND SYSTEMS TO BE TESTED, STRATEGIES, INSTRUMENTS, AND SAMPLES.
- BD. IF INITIAL TAB PROCEDURES WERE NOT COMPLETED DURING PEAK SUMMER AND WINTER CONDITIONS, PERFORM ADDITIONAL TAB DURING NEAR-PEAK SUMMER AND WINTER CONDITIONS.
- BE. CONDENSATE PIPING
- BF. 1. ALL PIPING SHALL BE SCHEDULE 40 PVC-DWV PIPE AND FITTINGS WITH SOLVENT CEMENT JOINTS, PER ASTM D-1785 AND D-2655. ALL PIPE AND FITTINGS SHALL BE MANUFACTURED IN THE USA TO CONFORM TO NSF-14.
- BG. 2. PROVIDE 3/4" ELASTOMERIC INSULATION, ARMAFLEX OR EQUIVALENT, SEAL WITH APPROPRIATE PRODUCT SEALANT FOR ALL SEAMS AND JOINTS.
- BH. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO ANY BID SUBMISSION TO FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. THE CONTRACTOR SHALL MAKE ADJUSTMENTS IN ROUTING AND LOCATION, IF NECESSARY, IN SIZE, IN ORDER TO ACHIEVE THE SPECIFIED PERFORMANCE WITHOUT INCURRING ADDITIONS TO THE CONTRACT. WHERE EXISTING CONDITIONS OFFER OBSTACLES ENOUGH TO AFFECT PIPING, THE CONTRACTOR SHALL NOTIFY THE BUILDING OWNER/MANAGER PRIOR TO BID SUBMISSION FOR A RESOLUTION. NO ALLOWANCE WILL BE MADE FOR LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
- BI. ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE.
- BJ. SEISMIC:
- BK. 1. PER THE 2021 INTERNATIONAL BUILDING CODE, MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT AND COMPONENTS, INCLUDING THEIR SUPPORTS AND ATTACHMENTS, SHALL BE DESIGNED FOR SEISMIC FORCES IN ACCORDANCE WITH CHAPTER 13 OF ASCE 7-16.
- BL. 2. EXTERIOR EQUIPMENT (INCLUDING ROOF CURBS, RAILS, SUPPORTS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH CHAPTER 25 TO ASCE 7-16.
- BM. 3. REFERENCE THE STRUCTURAL DRAWINGS FOR SITE SPECIFIC INFORMATION ON SEISMIC DESIGN CATEGORY, WIND SPEEDS, ETC.
- BN. 4. FOR ALL COMPONENTS REQUIRING SEISMIC RESTRAINT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL.
- BO. 5. SEISMIC RESTRAINTS FOR DUCTWORK AND PIPING MUST BE SHOWN ON SUBMITTAL SHOP DRAWINGS SHOWING SPECIFIC RESTRAINT LOCATIONS ALONG WITH ACCOMPANYING DETAILS AND CALCULATIONS.

BUILDING DESIGN COMMISSIONING DATA									
1.	OUTSIDE DESIGN CONDITIONS: <table border="0"> <tr> <td>ASHRAE DATA FOR MYRTLE BEACH, SC</td> <td></td> </tr> <tr> <td>SUMMER (0.4%)</td> <td>92.2°F DB / 78.5°F WB</td> </tr> <tr> <td>WINTER (99.6%)</td> <td>51.1°F DB</td> </tr> <tr> <td>EVAPORATION (0.4%)</td> <td>66.1°F MCOB</td> </tr> </table>	ASHRAE DATA FOR MYRTLE BEACH, SC		SUMMER (0.4%)	92.2°F DB / 78.5°F WB	WINTER (99.6%)	51.1°F DB	EVAPORATION (0.4%)	66.1°F MCOB
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SUMMER (0.4%)	92.2°F DB / 78.5°F WB								
WINTER (99.6%)	51.1°F DB								
EVAPORATION (0.4%)	66.1°F MCOB								
2.	COMFORT COOLING & DEHUMIDIFICATION: 75°F +/- 5°F / 50% RH +/-10% RH								
3.	COMFORT HEATING: 70°F +/- 5°F								
4.	CODES: 2021 INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL PLUMBING CODE 2009 INTERNATIONAL ENERGY CONSERVATION CODE - NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS (LATEST EDITIONS) - ASHRAE STANDARDS AND HANDBOOKS (LATEST EDITIONS) - OWNERS INSURANCE UNDERWRITERS STANDARDS								
5.	BUILDING ENVELOPE CRITERIA: EXISTING METAL BUILDING REFER TO ARCHITECTURAL DRAWINGS								
MECHANICAL DESIGN ASSUMED CODE MINIMUM VALUES AS PRESCRIBED BY 2009 IECC									

A. ALL WORK SHOWN LIGHT AND THIN INDICATES EXISTING FOR REMAIN. ALL ITEMS SHOWN DARK AND HEAVY INDICATE NEW WORK. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR COORDINATION OF ALL WORK FOR REMAIN.

B. LOCATION OF EXISTING EQUIPMENT, DUCTWORK, AIR OUTLETS, CONTROLS AND ALL CONCEALED WORKS, ETC. ARE APPROXIMATE. THE CONTRACTOR SHALL EXAMINE THE SITE PRIOR TO BUILDING AND AFTER DEMOLITION HAS EXPOSED "AS-BUILT" CONDITIONS TO VERIFY EACH AREA OF WORK AND DETERMINE THE EXACT LOCATION OF ALL WORK. MAKE ADJUSTMENTS AND/OR ALTERATIONS AS NECESSARY TO INSTALL COMPLETE AND OPERABLE SYSTEMS IN ACCORDANCE WITH THE CODES HAVING JURISDICTION NOT AT ADDITIONAL COST TO THE OWNER.

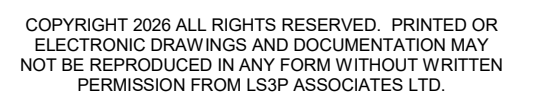
C. ALL OPENINGS AND SURFACES MADE BARE BY DEMOLITION AND/OR REMOVAL OF AIR OUTLETS, EQUIPMENT, CONTROLS, ETC. SHALL BE REPAIRED AND/OR PATCHED TO MATCH ADJACENT FINISHES. REPAIRS SHALL BE MADE TO MATCH EXISTING FINISHES, MATERIALS AND FINISHES OF NEW FINISH SCHEDULE. ALL REPAIRS AND NEW FINISH SHALL BE BY TRADES SCHEDULED IN FINISH WORKS UNDER EMPLOY OF THE GENERAL CONTRACTOR.

D. DURING THE LIFE OF THE CONTRACT, CONSTRUCTION AND DEMOLITION TO POINT OF BENEFICIAL USE OF THE CONTRACTOR SHALL BE THE POINT OF ORIGIN WHEREBY THE INSTALLATION OF SYSTEMS TO REMAIN FOR REUSE FROM DAMAGE. ALL SYSTEMS SHALL BE TESTED IN SERVICE AFTER COMPLETION OF THE CONTRACT AND MADE COMPLETE AND OPERABLE AT NO ADDITIONAL COST TO THE OWNER.

E. NOT ALL CONTROL CIRCUITS AND DEVICES ARE INDICATED FOR EACH CONTROL AND CIRCUIT OR CONTROL CIRCUIT. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL WIRING, SWITCHES, CEILING ARE TO BE DEMOLISHED ALL MATERIAL, SURFACE OR FUSHM MOUNTED THEREON SHALL BE REMOVED UNLESS INDICATED OR REQUIRED TO REMAIN TO SERVICE A DEVICE.

F. COORDINATE DEMOLITION WITH ALL TRADES INVOLVED.

G. EXISTING PIPING AND/OR CONDUIT RUN CONCEALED IN FLOOR SLAB AND/OR UNDERGROUND AND NOT INDICATED OR SPECIFIED FOR REUSE IN NEW WORK SHALL BE ABANDONED UNLESS PATCHED TO MATCH EXISTING FINISHES. PATCHES SHALL BE AT LEAST MINIMUM 1/2" BELOW GRADE. PATCHES AS NOTED IN PARAGRAPH B ABOVE.



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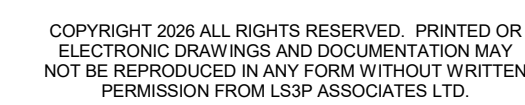
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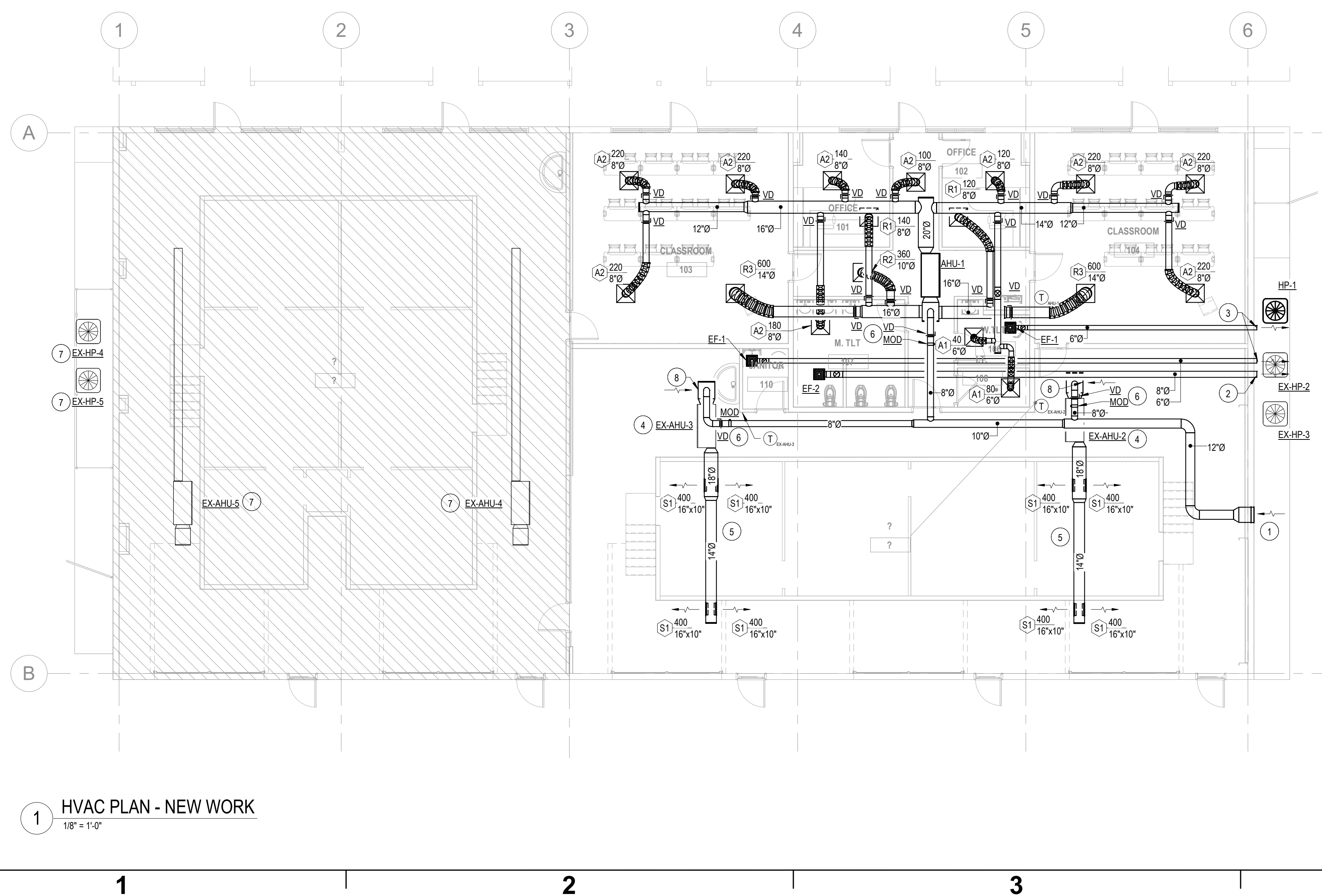


1. DEMOLISH EXISTING DUCTWORK, SUPPORTS, ACCESSORIES AND RELATED ITEMS BACK TO EXISTING AHU INTENDED FOR RELOCATION AND REUSE. REFER TO I001
2. DEMOLISH ALL EXISTING SA, RA, AND EA DUCTWORK, AIR DEVICES, SUPPORTS AND RELATED ACCESSORIES. RETURN
3. DEMOLISH AND RETURN TO OWNER EXISTING AHU, COORDINATE WITH OWNER
4. ALL EXISTING HVAC TO REMAIN IN THIS AREA, COORDINATE WITH ARCHITECT, TYP
5. DEMOLISH ALL EXISTING SA, RA, AND EA DUCTWORK IN THEIR ENTIRETY ON THE FIRST LEVEL. VERIFY ALL EXISTING CONDITIONS BEFORE BEGINNING WORK. COORDINATE WITH ARCHITECT DEMOLITION DRAWINGS FOR MORE INFORMATION. TYP

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GENERAL DRAWING NOTES

- A. CONTRACTOR SHALL COORDINATE DUCTWORK ROUTING WITH LIGHTING AND STRUCTURAL PLANS, FIELD ADJUST ROUTING AS REQUIRED TO AVOID CONFLICTS.
- B. ROUTE ALL 3/4" CONDENSATE INSULATED DRAIN PIPING DOWN IN WALL TO GRADE, DISCHARGE OVER SPLASH BLOCK.

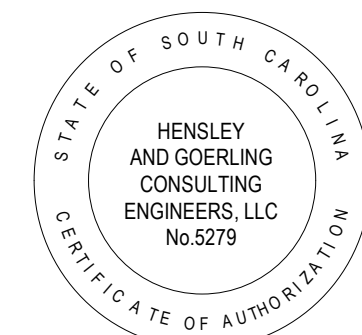
DRAWING NOTES ⓘ

1. PROVIDE 20X16 EXTERIOR WALL INTAKE LOUVER, MINIMUM FREE AREA 2.08 SF, COORDINATE FINAL LOCATION AND COLOR WITH ARCHITECT, TYP
2. PROVIDE 6" EXTERIOR WALL EXHAUST VENT WITH WEATHER HOOD AND BACKDRAFT DAMPER, COLOR BY ARCHITECT, TYP
3. PROVIDE 6" EXTERIOR WALL EXHAUST VENT WITH WEATHER HOOD AND BACKDRAFT DAMPER, COLOR BY ARCHITECT, TYP
4. RELOCATED EXISTING AHU, REFER TO M0101 FOR EXISTING LOCATION, COORDINATE WITH ARCHITECT AND ELECTRICAL CONTRACTOR, TYP
5. PROVIDE SINGLE WALL RD DUCTWORK, INSULATE WITH BLANKET WRAP INSULATION PER SPECIFICATIONS ON M000
6. PROVIDE VOLUME BALANCING DAMPER AND MOTOR OPERATED DAMPER, BALANCE VOLUME DAMPER TO AIRFLOW INDICATED ON THE MECHANICAL SCHEDULE, INTERLOCK MOTOR OPERATION DAMPER WITH AHU OPERATION, TYP
7. EXISTING EQUIPMENT TO REMAIN, TYP
8. PROVIDE 18X18 RA GRILLE (NON FILTER GRILLE) DUCT MOUNTED, NAILOR OR EQUIVALENT, TYP



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SHEET NAME:
MECHANICAL -
HVAC PLAN

SHEET:

M101

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- A. CONTRACTOR SHALL SUPPLY AND INSTALL A COMPLETE AND FUNCTIONAL FIRE ALARM SYSTEM. SYSTEM MUST BE INSTALLED AS PER PLANS. PLANS SHALL BE SUBMITTED TO ENGINEER FIRST FOR APPROVAL, PRIOR TO SUBMITTING TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL.
- B. WHEREVER POSSIBLE LOCATE WALL MOUNTED EQUIPMENT ON WALLS WHICH WILL PERMIT EQUIPMENT TO BE FLUSH OR SEMI FLUSH MOUNTED.
- C. ALL PROPOSED LOCATION OF DEVICES SHOWN ON THE PLANS ARE APPROXIMATE AND EXACT LOCATION SHALL BE VERIFIED IN THE FIELD WITH ARCHITECT.
- D. ALL PROPOSED DEVICES SHALL BE MOUNTED TO CONFORM TO ALL LOCAL, NFPA, AND ADA REQUIREMENTS. ALL HEIGHTS SHOULD BE FIGURED FROM FINISHED FLOOR HEIGHT.
- E. ALL CONDUITS PENETRATING WALLS SHALL HAVE APPROVED FIRE STOP CAULKING INSTALLED.
- F. NO DETECTORS SHALL BE MOUNTED DIRECTLY TO CEILING TILES OR SHEETROCK. ALL DEVICES MUST HAVE BOXES INSTALLED WITH THE PROPER FASTENING DEVICES SUCH AS T-BARS IN SUSPENDED CEILINGS.
- G. ALL REMOTE POWER SUPPLIES SHALL BE SUPERVISED WITH MONITOR MODULES TO MONITOR POWER LOSS AND TROUBLE CONDITIONS.
- H. 120 VOLT BREAKERS MUST BE RED IN COLOR AND HAVE BREAKER LOCK INSTALLED AS WELL AS BEING LABELED PROPERLY.
- I. WIRING METHODS:
 - a. ALL 120 VOLT WIRING SHALL CONSIST OF PULLED CONDUITS INSTALLED IN EMT CONDUIT EXCEPT THAT 120 VOLT WIRING CONNECTED ABOVE SUSPENDED CEILINGS MAY CONSIST OF MC ARMORED CABLE.
 - b. ALL FIRE ALARM CABLE BELOW CEILING HEIGHT IN OPEN AREAS TO BE IN CONDUIT MINIMUM SIZE 3/4" EMT UNLESS OTHER CONDUITS IN THOSE AREAS ARE RIGID GALVANIZED TYPE.
 - c. ALL FIRE ALARM CABLES INSTALLED ABOVE SUSPENDED CEILINGS MUST BE PLENUM RATED, BUNDLED, AND SECURED TO BUILDING STRUCTURE. ALL CABLES INSTALLED ABOVE CEILINGS MUST BE INSTALLED ABOVE MECHANICAL AND ELECTRICAL EQUIPMENT. CABLES CANNOT BE SUPPORTED BY CEILING SUPPORT WIRES.
 - d. ALL FIRE ALARM JUNCTION BOXES MUST HAVE COVERS PAINTED RED ABOVE AND BELOW CEILINGS.
 - e. ALL TAMPER SWITCHES AND WATER-PROOF SWITCHES MUST HAVE JUNCTION BOXES ON ADJACENT WALLS WITH SEAL-TIGHT FLEXIBLE CONDUIT. OPEN CABLE AND GREENFIELD CABLE WILL NOT BE ACCEPTED.
 - f. ALL PROPOSED WIRING FOR FIRE ALARM SYSTEM SHALL BE TYPE PLP AND CONFORM TO MANUFACTURERS' RECOMMENDATIONS FOR INSTALLATIONS. MINIMUM SIZE CABLES FOR INITIATION CIRCUITS SHALL BE 18 GAUGE AND MINIMUM SIZE CABLES FOR INDICATION CIRCUITS SHALL BE 14 GAUGE. CLASS B CABLEING ACCEPTABLE NO T-TAPPING WILL BE ALLOWED.
 - g. ALL CABLES MUST BE FREE OF SHORTS AND GROUNDS PRIOR TO FINAL CONNECTIONS.

	MANUAL PULL STATION/FIRE ALARM BOX
	SMOKE DETECTOR DEVICE (PHOTOELECTRIC, CEILING MOUNTED)
	HEAT DETECTOR DEVICE
	HORN/STROBE APPLIANCE (WALL MOUNTED)
	HORN/STROBE APPLIANCE (CEILING MOUNTED)
	STROBE ONLY APPLIANCE (WALL MOUNTED)
	FIRE ALARM ANNUNCIATOR UNIT (PANEL)
	FIRE ALARM CONTROL PANEL
	TAMPER SWITCH
	FLOW SWITCH

LIGHTING DESIGN ROOM REFLECTANCE CRITERIA	
•	CEILING - 80%
•	WALL - 50%
•	FLOOR - 20%

	2X4 FIXTURE
	2X4 EMERGENCY FIXTURE
	2X2 FIXTURE
	2X2 EMERGENCY FIXTURE
	1X4 FIXTURE
	1X4 EMERGENCY FIXTURE
	WALL MTD FIXTURE
	WALL MTD EMERGENCY FIXTURE
	DOWNLIGHT/PENDANT FIXTURE AS SPECIFIED
	DOWNLIGHT/PENDANT EMERGENCY FIXTURE AS SPECIFIED
	CEILING MTD EXIT SIGN W/ ARROWS AS INDICATED (80" AFF TO BOTTOM)
	WALL MTD EXIT SIGN W/ ARROWS AS INDICATED (80" AFF)
	WALL MTD EXIT SIGN/BATTERY PACK COMBO W/ ARROWS AS INDICATED (90" AFF)
	BATTERY PACK W/ NO. OF HEADS AS SHOWN
	SINGLE-POLE DOUBLE-POLE 3-WAY AND 4-WAY SWITCHES (48" AFF)
	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR
	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR
	SINGLE POLE DIMMER SWITCH
	DIGITAL LOW VOLTAGE RELAY SWITCH
	NEW TELECOMMUNICATIONS OUTLET. PROVIDE 34" CONDUIT TO ACCESSIBLE CEILING WITH PULLSTRING.
	NEW TELECOMMUNICATIONS FLOORBOX. PROVIDE 1" CONDUIT TO ACCESSIBLE CEILING WITH PULLSTRING.
	DISCONNECT SWITCH - NON-FUSED. SEE DISCONNECT SWITCH SCHEDULE FOR DISCONNECT SWITCH DETAILS
	ELECTRICAL PANELBOARD - TYPE AND RATING AS SPECIFIED ON THE DRAWINGS
	TRANSFORMER - TYPE AND RATING AS SPECIFIED ON THE DRAWINGS
	JUNCTION BOX OR PULL BOX
	WALL MOUNTED JUNCTION BOX OR PULL BOX
	DUPLEX RECEPTACLE "Q" INDICATES GROUND FAULT RECEPTACLE "WP" INDICATES WEATHERPROOF RECEPTACLE "AC" INDICATES MOUNTED ABOVE COUNTER "U" INDICATED USE TYPE RECEPTACLE
	DOUBLE DUPLEX (QUAD) RECEPTACLE "Q" INDICATES GROUND FAULT RECEPTACLE "WP" INDICATES WEATHERPROOF RECEPTACLE
	DUPLEX RECEPTACLE MOUNTED 48" AFF "Q" INDICATES GROUND FAULT RECEPTACLE "WP" INDICATES WEATHERPROOF RECEPTACLE
	NON-STANDARD SPECIALTY RECEPTACLE. TYPE AS SPECIFIED ON DRAWINGS
	DUPLEX RECEPTACLE FLOOR BOX "Q" INDICATES GROUND FAULT RECEPTACLE
	POWER AND DATA FLOOR BOXES SHOWN TOGETHER SHALL HAVE BOTH POWER AND DATA AND POWER IN ONE FLOOR BOX
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	POINT OF DISCONNECTION
	POINT OF RECONNECTION
	TYPICAL WIRE AND CONDUIT CALLOUT. G-GROUND
	TYPICAL DISCONNECT CALLOUT.
	TYPICAL LIGHTING FIXTURE CALLOUT. (FIXTURE-PANEL-CIRCUIT-SWITCH(LEG))
	TYPICAL LIGHTING SWITCH CALLOUT. (LOWERCASE LETTER IS SWITCH(LEG))

PH	SINGLE PHASE
3PH	THREE PHASE
A	AMP
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLER UNIT
AHJ	AUTHORITY HAVING JURISDICTION
AL	ALUMINUM
BFC	BELOW FINISHED CEILING
BFF	BELOW FINISHED FLOOR
CATV	COMMUNITY ANTENNA TELEVISION
CLG	CEILING MOUNTED
CONT	CONTRACTOR
CND	CONDUIT
CU	COPPER
ECB	ENCLOSED CIRCUIT BREAKER
(E)	EXISTING
EF	EXHAUST FAN
FACP	FIRE ALARM CONTROL PANEL
GC	GENERAL CONTRACTOR
G	GROUND FAULT CIRCUIT INTERRUPTER
HP	HEAT PUMP
J-BOX	JUNCTION BOX
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MTD	MOUNTED
NEMA	NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION
NFDS	NON-FUSIBLE DISCONNECT SWITCH
NTS	NOT TO SCALE
P	POLE
PH	PHASE
PNL	PANEL
PWR	POWER
RTU	ROOF TOP UNIT
SCCR	SHORT CIRCUIT CURRENT RATING
SD	SMOKE DETECTOR
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
VFD	VARIABLE FREQUENCY DRIVE
WH	WATER HEATER
XFMR	TRANSFORMER

A. ALL RECEPTACLE OUTLETS SHALL BE 20 AMP, COMMERCIAL GRADE, 125 VAC, 2-POLES, 3-WIRE, DUPLEX, NEMA 5-20R TYPE, COLOR SELECTED BY ARCHITECT.

B. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED SHUTDOWNS ON EXISTING UTILITIES WITH UTILITY COMPANY.

C. ALL WORK SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF THE NEC, NFPA IBC, AND ANY APPLICABLE LOCAL ORDINANCE.

D. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL SYSTEM GROUPINGS AND BONDING AS REQUIRED BY THE NEC AND LOCAL ORDINANCES.

E. ALL WIRING SHALL BE IN CONDUIT. MINIMUM CONDUIT SIZE SHALL BE 3/4". MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG. 12" CONDUIT AND MC CABLE SHALL BE ALLOWED IF APPROVED BY OWNER & AIA. ALL CIRCUITS SHALL BE PROVIDED WITH AN INDIVIDUAL, NEUTRAL AND GROUNDING CONDUIT WITH THE PHASE CONDUCTOR.

F. THE ELECTRICAL DRAWINGS ARE SCHEMATIC IN NATURE. BEFORE STARTING THE WORK THE CONTRACTOR SHALL REVIEW ALL OTHER DISCIPLINE DRAWINGS AND VERIFY FIELD CONDITIONS AND SHALL MAKE ANY REQUIRED MINOR ADJUSTMENTS. ANY MAJOR DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR.

G. ALL CONDUITS USED FOR POWER AND TELECOMMUNICATION SYSTEMS SHALL BE EMIT WITH COMPRESSION TYPE FITTINGS AND BODIES. SUPPORT ALL CONDUITS WITH RIGID COATED CONDUIT STRAPS AND P-1000 UNSTUFFED CHANNELS.

H. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER. #8 AND LARGER SHALL BE STRANDED COPPER. UNLESS NOTED OTHERWISE, CONDUCTORS INSULATION SHALL BE DUAL RATED AT THIRTYTHIN.

I. ALL DEVICES, EQUIPMENT MATERIAL AND LABOR SHALL BE PROVIDED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

J. ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE MOUNTED AS PER EQUIPMENT AND DEVICE MANUFACTURER RECOMMENDATIONS.

K. CONTRACTOR SHALL PROVIDE SUBMITTALS TO G3ARCHITECT FOR REVIEW AND APPROVAL OF ALL ELECTRICAL EQUIPMENT AND DEVICES DESCRIBED IN THE DRAWINGS. SUBMITTALS SHALL INCLUDE CUT SHEETS, DIMENSIONS, WIRING DIAGRAMS, ACCESSORIES, OPERATION MANUALS, AND ALL NECESSARY INFORMATION FOR REVIEWER TO MAKE A SOUND EVALUATION.

L. FOR ANY SUBSTITUTED LIGHTING FIXTURES, CONTRACTOR SHALL PROVIDE UPDATED PHOTOMETRIC LAYOUTS, INCLUDING AVERAGE FOOT CANDLES, AVERAGE MINIMUM RATIO, MAXIMUM FOOT CANDLE POINT, AND MINIMUM FOOT CANDLE POINT FOR EACH AREA WITH SUBSTITUTED FIXTURES.

M. PROVIDE STARTUP OF ALL ELECTRICAL SYSTEMS AND COORDINATE WITH CONTRACTOR STARTUP WITNESSING.

N. PROVIDED LAMINATED PLASTIC NAMEPLATES FOR EACH EQUIPMENT ENCLOSURE. EACH NAMEPLATE SHALL IDENTIFY EQUIPMENT NAME, FUNCTION, PANELBOARD CONNECTED TO AND CIRCUIT NUMBER. NAMEPLATE SHALL BE MELAMINE PLASTIC (1/2 INCHES THICK), WHITE LETTERS ON BLACK BACKGROUND, MINIMUM SIZE OF LETTERS SHALL BE 2.5 INCHES.

O. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE SET OF RECORD DRAWINGS TO THE OWNER AT THE END OF THE CONSTRUCTION.

P. ALL MATERIALS AND EQUIPMENT TO BE INSTALLED SHALL BE NEW AND FREE OF DEFECTS. ALL ELECTRICAL EQUIPMENT SHALL COMPLY WITH NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) STANDARDS AND SHALL BE LA BELED. ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN A WORKMANNLIKE MANNER.

Q. ALL CONNECTORS AND SPICES FOR CABLE SIZE #10 AWG AND SMALLER SHALL BE INSULATED, PRESSURE-TYPE. FOR LARGER SIZE CONDUCTORS USE BOLTED CLAMPS WITH INSULATING TAPE.

R. COORDINATE ALL REQUIRED FIELD CONNECTIONS TO MECHANICAL HVAC, APPLIANCES, AND EQUIPMENT WITH VENDOR SHOP DRAWINGS.

S. ALL TELECOMMUNICATIONS OUTLETS SHALL HAVE 3/4" CONDUIT W/ PULL STRING STUBBED UP TO ACCESSIBLE CEILING.

T. COORDINATE COLOR AND FINISHES WITH OWNER/CONTRACTOR/ARCHITECT.

U. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHT FIXTURES.

V. COORDINATE FINAL EQUIPMENT/FIXTURE LOCATIONS WITH THE GENERAL CONTRACTOR. THE LOCATION AS INDICATED ON THE DRAWING IS APPROXIMATE. INSTALL ALL MECHANICAL EQUIPMENT SUCH THAT MANUFACTURER'S MAINTENANCE AREA IS CLEAR.

W. COORDINATE ELECTRICAL WORK, INSTALLATION AND EQUIPMENT WITH MECHANICAL, PLUMBING, STRUCTURAL AND ALL OTHER TRADES.

X. THIS FACILITY SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES.

Y. ALL ELECTRICAL EQUIPMENT AND DEVICES SPECIFIED ARE PERFORMANCE BASED. EQUALS ARE ALLOWED AS LONG AS THEY MEET THE PERFORMANCE REQUIREMENTS OF THE SPECIFIED EQUIPMENT AND DEVICES APPROVED BY THE ARCHITECT.

Z. ALL LIGHTING FIXTURES SPECIFIED ARE PERFORMANCE BASED. EQUALS ARE ALLOWED AS LONG AS THEY MEET THE PERFORMANCE REQUIREMENTS OF THE SPECIFIED FIXTURES AND DEVICES APPROVED BY THE ARCHITECT.

AA. CONTRACTOR SHALL ADVISE THE SITE PRIOR TO BID SUBMISSION TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. THE CONTRACTOR SHALL MAKE ADJUSTMENTS IN ROUTING AND TON AND, IF NECESSARY, IN SIZE, IN ORDER TO ACHIEVE THE SPECIFIED PERFORMANCE WITH INCURRING ADDITIONS TO THE CONTRACT. WHERE THE EXISTING CONDITIONS DIFFER SIGNIFICANTLY ENOUGH TO AFFECT PRICING, THE CONTRACTOR SHALL NOTIFY THE BUILDING OWNER/MANAGER PRIOR TO BID SUBMISSION FOR A RESOLUTION. NO ALLOWANCE WILL BE MADE FOR LACK OF KNOWLEDGE OF EXISTING CONDITIONS.

BB. EMERGENCY EGRESS LIGHTING SHOWN IS SCHEMATIC IN NATURE. CONTRACTOR SHALL PROVIDE ADDITIONAL EMERGENCY LIGHTS AT NO COST TO THE OWNER IF THE AIA DEEMS IT NECESSARY.

CC. CONTRACTOR TO VERIFY AVAILABLE ALC RATING FROM UTILITY AND PROVIDE NEXT HIGHER STANDARD RATING. ALL ELECTRICAL EQUIPMENT SHALL BE FULLY RATED. SERIES RATING IS NOT ACCEPTABLE. IF CONTRACTOR SHALL PROVIDE LABEL, RATING AVAILABLE ALC RATING ON SERVICE ENTRANCE EQUIPMENT PER NEC. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH UTILITY AND PROVIDE EQUIPMENT AS NECESSARY AT NO COST TO THE OWNER.

DD. ELECTRICAL SINGLE LINE DIAGRAM IS TO SHOW GENERAL INTENT. CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH UTILITY.

EE. CONTRACTOR SHALL REFER TO LIGHTING CONTROL SCHEDULE FOR LIGHTING CONTROL SEQUENCE OF OPERATIONS. LIGHTING CONTROL DEVICES SHOWN ON DRAWINGS ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR ADDING OR SUBTRACTING DEVICES BASED ON THE LIGHTING CONTROL SCHEDULE TO MEET THE INTENT OF THE LIGHTING CONTROL SEQUENCE OF OPERATIONS. CONTRACTOR SHALL SUBMIT DETAIL SHORT DRAWING SHOWING COVERAGE OF LIGHTING CONTROL OCCUPANCY SENSORS BASED ON VENDOR THAT WE' BE SUPPLYING THE EQUIPMENT.

FF. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING COMPATIBLE SWITCHES WITH MANUFACTURERS FOR ALL DECORATIVE LIGHTING FIXTURES. CONTRACTOR SHALL HAVE LEAVEWAY TO ADD SWITCH LOCATIONS AS REQUIRED TO ACCOMPLISH LIGHTING CONTROL SEQUENCE OF OPERATIONS IN EACH AREA.

GG. COORDINATE LOCATION OF EXIT AND EMERGENCY LIGHTING WITH ARCHITECTURAL LIFE SAFETY PLAN PRIOR TO INSTALLATION.

HH. RECEPTACLES LOCATED WITHIN 6' OF WATER SOURCE SHALL BE GFCI TYPE.

II. PER THE INTERNATIONAL BUILDING CODE (IBC), ELECTRICAL AND LIGHTING EQUIPMENT AND COMPONENTS, INCLUDING SUPPORTS AND ATTACHMENTS, SHALL BE DESIGNED FOR SEISMIC FORCES IN ACCORDANCE WITH CHAPTER 13 OF IBC 17.6 WHERE DESIGN FOR SEISMIC AND WIND LOADS ARE REQUIRED, THE MORE DEMANDING FORCE MUST BE USED. FOR ALL COMPONENTS REQUIRING SEISMIC REINFORCEMENT, THE COMPONENT SUPPORTS AND ATTACHMENTS SHALL BE DESIGNED BY A REGISTERED DESIGN PROFESSIONAL, OR AS ACCOMPANIED BY THE APPROVED DESIGNER'S EARTHQUAKE RESISTING ASSESSMENT REPORT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT SUCH DESIGN AND INSTALLATION ARE IN ACCORDANCE WITH THE IBC REQUIREMENTS.

JJ. CONTRACTOR SHALL BALANCE ALL PANEL PHASES TO WITHIN 10% OF EACH OTHER.

KK. CONTRACTOR SHALL PROVIDE PANELBOARDS WITH THE FOLLOWING BRANCH CIRCUIT RANGES:

1. 0 - 125 AMP RATED PANELBOARDS SHALL ACCOMMODATE A MINIMUM OF 60 AMP BRANCH BREAKERS.

2. 126 - 225 AMP RATED PANELBOARDS SHALL ACCOMMODATE A MINIMUM OF 100 AMP BREAKERS.

3. 226 - 400 AMP RATED PANELBOARDS SHALL ACCOMMODATE A MINIMUM OF 225 AMP BRANCH BREAKERS.

4. 401 - 600 AMP RATED PANELBOARDS SHALL ACCOMMODATE A MINIMUM OF 400 AMP BRANCH BREAKERS.

5. 601 - 800 AMP RATED PANELBOARDS SHALL ACCOMMODATE A MINIMUM OF 600 AMP BRANCH BREAKERS.

LL. PER FC 510, EMERGENCY RESPONDER RADIO COVERAGE IS REQUIRED IN NEW AND RENOVATED BUILDINGS. CONTRACTOR TO PROVIDE AN EMERGENCY EVALUATIONS OF THE EMERGENCY RESPONDER COVERAGE IN THE BUILDING OR CLARIFY THE INTENT TO INSTALL RADIO BOOSTING SYSTEM. A PLAN REVIEW AND PERMIT WILL BE REQUIRED FOR THE INSTALLATION OF EMERGENCY RESPONDER RADIO SYSTEMS. CONTRACTOR SHALL SUBMIT DETAIL SHORT DRAWING SHOWING COVERAGE OF LIGHTING CONTROL OCCUPANCY SENSORS BASED ON VENDOR THAT WE' BE SUPPLYING THE EQUIPMENT.

MM. ALL ELECTRICAL EQUIPMENT, SYSTEMS AND WORKSMANSHIP SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE. ELECTRICAL EQUIPMENT, SYSTEMS AND WORKSMANSHIP SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE.

NN. ALL EXIT SIGNS SHALL BE PROVIDED WITH INTEGRAL BATTERY BACK-UP UNLESS NOTED TO BE CONNECTED TO EMERGENCY GENERATOR FOR EMERGENCY OPERATION.

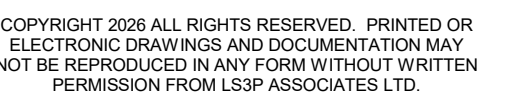
OO. CONTRACTOR SHALL COORDINATE WITH MECHANICAL PLANS TO VERIFY CEILING CAVITY IS NOT A RETURN PLENUM. IF CEILING CAVITY IS BEING USED AS A RETURN PLENUM THEN ALL ELECTRICAL CABLING SHALL BE PLENUM RATED.

PP. ALL FEEDERS ARE DESIGNED WITH FEEDER CONDUCTORS. ALUMINUM CONDUCTORS ARE ALLOWED FOR VALUE ENGINEERING, IF ALUMINUM CONDUCTORS ARE USED FOR FEEDERS. CONTRACTOR IS RESPONSIBLE FOR UPSIZING NUMBER OF PARALLEL SETS, CONDUCTOR SIZE, AND

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1. LIGHTING AND DEVICES WITHIN SPACE SHALL BE DEMOLISHED. CONTRACTOR SHALL VERIFY ALL CIRCUITS IN FIELD AND DEMOLISH AS REQUIRED BACK TO SOURCE. CONTRACTOR SHALL RE-LABEL CIRCUITS WITHIN PANEL SCHEDULE TO BE "SPARES" FOR ANY CIRCUITS WHICH ARE NO LONGER USED.
2. LIGHTING FIXTURES & DEVICES WITHIN SPACE ARE TO REMAIN.



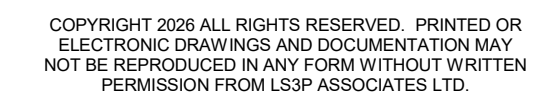
LS3P PROJECT #: 4202-250685

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1. ELECTRICAL EQUIPMENT AND DEVICES WITHIN SPACE SHALL BE DEMOLISHED UNLESS NOTED OTHERWISE. CONTRACTOR SHALL VERIFY ALL CIRCUITS IN PLACE AND DEMOLISH AS REQUIRED BACK TO SOURCE. CONTRACTOR SHALL RE-LABEL CIRCUITS WITHIN PANEL SCHEDULE TO BE "SPARES" FOR ANY CIRCUITS WHICH ARE NO LONGER USED.
2. ELECTRICAL EQUIPMENT & DEVICES WITHIN SPACE ARE TO REMAIN.
3. EXISTING ELECTRICAL PANEL TO REMAIN.
4. EXISTING ELECTRICAL PANEL TO REMAIN. PANEL IS SHOWN OUT OF PLACE FOR CLARITY. CONTRACTOR SHALL VERIFY EXACT LOCATION IN THE FIELD.
5. ELECTRICAL PANEL TO BE REMOVED FOR RELOCATION. COORDINATE EXACT REQUIREMENTS AND RELOCATION WITH ARCHITECT/OWNER PRIOR TO REMOVAL.
6. APPROXIMATE LOCATION OF DISCONNECT SWITCH FOR EXISTING WATER HEATER TO BE REMOVED FOR RELOCATION.
7. APPROXIMATE LOCATION OF DISCONNECT SWITCH FOR HEAT PUMP TO REMAIN.
8. APPROXIMATE LOCATION OF DISCONNECT SWITCH FOR HEAT PUMP TO BE DEMOLISHED.
9. APPROXIMATE LOCATION OF DISCONNECT SWITCH FOR AIR HANDLING UNIT TO REMAIN.
10. APPROXIMATE LOCATION OF DISCONNECT SWITCH FOR AIR HANDLING UNIT TO BE REMOVED FOR RELOCATION.
11. APPROXIMATE LOCATION OF DISCONNECT SWITCH FOR AIR HANDLING UNIT TO BE DEMOLISHED.
12. APPROXIMATE LOCATION OF EXISTING UTILITY SERVICE EQUIPMENT.
13. APPROXIMATE LOCATION OF EXISTING TELECOMMUNICATIONS COMBINER BOX TO BE DEMOLISHED.



STATE PROJECT #: H59-N347-CB
LS3P PROJECT #: 4202-250685

PERMIT SET

THESE DIMENSIONS ARE EXACTLY ONE INCH EQUALS ONE FOOT
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E

D

C

B

A

1 LIGHTING PLAN - NEW WORK
1/8" = 1'-0"



LIGHTING FIXTURE SCHEDULE									
MARK	LAMP TYPE	MOUNTING	WATTAGE	VOLTAGE	BASIS OF DESIGN			NOTES	DESCRIPTION
A1	LED	GRID	19	UNV	LITHONIA: EPANL 2X2 2000LM 80CRI 40K MIN10 ZT MVOLT			COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	2X2 FLAT PANEL
A2	LED	GRID	30	UNV	LITHONIA: EPANL 2X2 3400LM 80CRI 40K MIN10 ZT MVOLT			COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	2X2 FLAT PANEL
B	LED	GRID	44	UNV	LITHONIA: SPX 2X2 6000LM 80CRI 40K BFR MPL MIN10 ZT MVOLT			COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	2X2 FLAT PANEL
C1	LED	GRID	29	UNV	LITHONIA: EPANL 2X4 3000LM 80CRI 40K MIN10 ZT MVOLT			COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	2X4 FLAT PANEL
C2	LED	GRID	49	UNV	LITHONIA: EPANL 2X4 5400LM 80CRI 40K MIN10 ZT MVOLT			COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	2X4 FLAT PANEL
C3	LED	GRID	50	UNV	LITHONIA: EPANL 2X4 6000LM 80CRI 40K MIN10 ZT MVOLT			COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	2X4 FLAT PANEL
D	LED	PENDANT @ 15' AFF	73	UNV	LITHONIA: CSS L96 10000LM MVOLT MIN10 ZT 40K 80CRI			COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	8' STRIP LIGHT
E	LED	WALL @ 7.5' AFF	2	UNV	LITHONIA: ELM2L			CONNECT TO NEAREST UNSWITCHED LIGHTING CIRCUIT SERVING THE AREA. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	2-HEAD EMERGENCY EXIT SIGN
X	LED	CEILING OR WALL	3	UNV	LITHONIA: LQM LED R			CONNECT TO NEAREST UNSWITCHED LIGHTING CIRCUIT SERVING THE AREA. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	EXIT SIGN
XE	LED	CEILING OR WALL	5	UNV	LITHONIA: LQHM LED R			CONNECT TO NEAREST UNSWITCHED LIGHTING CIRCUIT SERVING THE AREA. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ORDERING.	EXIT/EMERGENCY COMBO

LIGHTING CONTROL SCHEDULE										
ROOM TYPE	MANUAL ON		MANUAL OFF		MANUAL DIMMING		AUTOMATIC ON		AUTOMATIC OFF AFTER 15 MINUTES OF NO OCCUPANCY	

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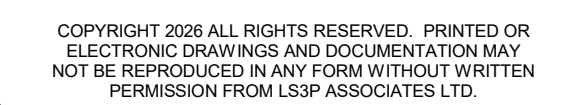


GENERAL DRAWING NOTES

- A. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL ELECTRICAL EQUIPMENT AND DEVICES WITH OWNER/ARCHITECT PRIOR TO INSTALLATION.
- B. CONTRACTOR SHALL PROVIDE CLEARANCES AROUND ALL ELECTRICAL EQUIPMENT AND DEVICES AS REQUIRED BY THE NEC AND LOCAL CODES.
- C. ALL POWER AND DATA RECEPTACLES SHOWN ADJACENT TO EACH OTHER SHALL BE MOUNTED AT THE SAME HEIGHT.
- D. CONTRACTOR SHALL INCREASE CHD A CONDUCTOR SIZE AS REQUIRED FOR VOLTAGE DROP BASED ON ACTUAL RUN LENGTHS IN THE FIELD.
- E. CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL FIRE ALARM DEVICES WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- F. FIRE ALARM CONTRACTOR SHALL SET SOUND LEVELS OF HORNS PER NFPA 72 AND LOCAL CODES.
- G. FIRE ALARM CONTRACTOR SHALL SET CANDELA RATINGS OF THE STROBES PER NFPA 72 AND LOCAL CODES.
- H. FIRE ALARM CONTRACTOR TO COORDINATE THE NUMBER OF TAMPER AND FLOW SWITCHES WITH FIRE PROTECTION CONTRACTOR.

FIRE ALARM CONTRACTOR SHALL PROVIDE DETECTOR DETECTORS TO MECHANICAL CONTRACTOR FOR MOUNTING. FIRE ALARM CONTRACTOR SHALL CONNECT THE DETECTOR DETECTOR TO THE FIRE ALARM SYSTEM.

1. EXISTING PANEL IS SHOWN OUT OF PLACE FOR CLARITY. CONTRACTOR SHALL VERIFY EXACT LOCATION IN THE FIELD.
2. PROPOSED RELOCATION OF EXISTING ELECTRICAL PANEL. COORDINATE EXACT LOCATION & REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO REINSTALLATION.
3. APPROXIMATE LOCATION OF EXISTING DISCONNECT SWITCH FOR HEAT PUMP TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION IN THE FIELD.
4. APPROXIMATE LOCATION OF EXISTING DISCONNECT SWITCH FOR AIR HANDLER TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION IN THE FIELD.
5. EXISTING DISCONNECT SWITCH FOR AIR HANDLER TO BE REINSTALLED. COORDINATE EXACT LOCATION & REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO REINSTALLATION.
6. PROVIDE DISCONNECT SWITCH FOR HEAT PUMP. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
7. PROVIDE DISCONNECT SWITCH FOR AIR HANDLER. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
8. EXISTING DISCONNECT SWITCH FOR ELECTRIC WATER HEATER TO BE REINSTALLED & RECURCUTED. COORDINATE EXACT LOCATION & REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO REINSTALLATION.
9. PROVIDE 2X12, 11F25, 3/4" AND WITH CONNECTION TO EXHAUST FAN. CONNECT EXISTING FAN TO SWITCHED LIGHTING CIRCUIT SERVING THE AREA. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
10. EQUIPMENT & DEVICES WITHIN SPACE ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
11. APPROXIMATE LOCATION OF EXISTING UTILITY SERVICE EQUIPMENT.
12. PROVIDE 3" X 3" X 1/2" TELECOMMUNICATIONS COMBINER BOX WITH (2) EMPTY 4" TO 10" PDS TO BE SPOKE ON SITE. COORDINATE EXACT LOCATION & REQUIREMENTS WITH ARCHITECT/OWNER & TELECOMMUNICATIONS PROVIDER PRIOR TO INSTALLATION.
13. PROVIDE TELEPHONE BACKBOARD AT THIS LOCATION. COORDINATE EXACT REQUIREMENTS WITH OWNERS TELECOM PROVIDER PRIOR TO INSTALLATION.
14. DEVICE IS TO BE RECURCUTED FOR CLARITY.
15. PROPOSED LOCATION OF FIRE ALARM CONTROL PANEL. FACP SHALL BE CONNECTED TO PNL "GIE" CNT #8. CONTRACTOR SHALL PROVIDE RED LOCKING BREAKER IN THE PANEL. COORDINATE EXACT LOCATION & REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
16. PROPOSED LOCATION OF FIRE ALARM ANNUNCIATOR. COORDINATE EXACT LOCATION & REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
17. FIRE ALARM PULL STATION TO BE MOUNTED WITHIN 5' OF DOOR. DEVICE IS SHOWN OUT OF PLACE FOR CLARITY. COORDINATE EXACT LOCATION & REQUIREMENTS WITH ARCHITECT/OWNER & AHJ PRIOR TO INSTALLATION.
18. PROVIDE EXTERIOR RATED DELAYED-EGRESS PANIC BAR FOR PEDESTRIAN GATE. COORDINATE EXACT LOCATION & REQUIREMENTS WITH ARCHITECT/OWNER & AHJ PRIOR TO INSTALLATION.



209 Daytona Street
Conway, South Carolina 29526

STATE PROJECT #: H59-N347-CB
LS3P PROJECT #: 4202-250885

SHEET NAME:
ELECTRICAL -
POWER PLAN

E201

PERMIT SET

