

G001

THIS TENANT SPACE IS REQUIRED TO BE ACCESSIBLE AS SET FORTH IN THE AMERICANS WITH DISABILITIES ACT. MAINTAIN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF THE ACT AND THE 2010 A.D.A.A.G.

The technical drawings illustrate the dimensions and components of the transaction counter. The left drawing, 'SECTION THROUGH UTENSIL COUNTER', shows a cross-section with a total height of 44" (highest reach) and a base height of 30". It includes a 24" 'FURTHEST REACH' dimension for the upper section. Components labeled include the SODA DISPENSER, LID DISPENSER, CONDIMENTS, ICED TEA, and SILVERWARE. The right drawing, 'ELEVATION OF TRANSACTION COUNTER', shows a counter with a height of 34" and a required clear space of 5' - 9" (36" MIN. REQUIRED) in front of it.

Diagram illustrating the required handrail extension for a stair flight. The handrail extensions shall return to a wall, guard, or the landing surface or be continuous to the handrail of an adjacent stair flight. The extension is shown as 34" (vertical) and 12" (horizontal).

2" MIN.
4" MIN.

12" MAX.

54" MIN.

42" MIN.

17" - 19"

1 1/2" MIN.

48" MAX.

15" MIN.

7" - 9"

33" - 36"

TOILET PAPER DISPENSER

OTHER FIXTURES NOT ALLOWED WITHIN CLEAR FLOOR SPACE

54" MIN.

36" MIN.

16" - 19"

60" MIN.

BACK WALL

SIDE WALL

GRAB BARS AT WATER CLOSETS

CLEAR FLOOR SPACE AT WATER CLOSET NOT IN STALL

48" MIN.

17" MIN.

30" MIN.

19" MAX.

CLEAR FLOOR SPACE AT LAVATORIES

ALTERNATE DOOR LOCATION

6" MIN.

4" MAX.

60" MIN.

6" MIN.

50" MIN.

4" MIN.

60" MIN.

TOE CLEARANCE (TO 9" A.F.F.)

ALTERNATE DOOR LOCATION

6" MIN.

4" MAX.

60" MIN.

4" MIN.

TOE CLEARANCE (TO 9" A.F.F.)

WALL HUNG WATER CLOSET

FLOOR MOUNTED WATER CLOSET

13 1/2" MIN.

7" MAX.

6" MIN.

URINALS

27" MIN.

4" MIN.

11" MIN.

6" MIN.

34" MAX.

40" MAX. TO REFLECTIVE SURFACE.

6" MAX.

LAVATORY CLEARANCE

MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR

60-IN DIAMETER SPACE

T-SHAPED SPACE FOR 180° TURNS

CHANGES IN LEVEL

CHANGES IN LEVEL

90° TURN

NOTE: DIMENSIONS SHOWN APPLY WHEN X < 48 IN TURN AROUND AN OBSTRUCTION

WALKING PARALLEL TO A WALL

1. IN ADDITION TO ALL A.D.A./A.D.A.G. REQUIREMENTS, THIS FACILITY SHALL MEET THE REQUIREMENTS OF THE LOCAL JURISDICTION FOR ACCESSIBILITY AS LISTED BELOW
2. WHERE INFORMATION IN THIS SECTION CONFLICTS WITH THE A.D.A.G. INTERIOR ACCESSIBILITY COMPONENTS, THE MORE RESTRICTIVE OF THE TWO REQUIREMENTS SHALL BE FOLLOWED.

COMPONENTS OF A SINGLE RAMP RUN AND SAMPLE RAMP DIMENSIONS

EXAMPLES OF REQUIRED EDGE PROTECTION

The diagrams illustrate reach limits for a person in a wheelchair. The left diagram shows 'HIGH AND LOW SIDE REACH LIMITS' with a vertical line representing a side surface. The 'HIGH' limit is marked as '10" MAX.' and the 'LOW' limit is marked as '1" - 3"'. The right diagram shows the 'HIGH FORWARD REACH LIMIT' with a horizontal line representing a front surface. The 'HIGH' limit is marked as '48" MAX.' and the 'LOW' limit is marked as '1" - 3"'. Both diagrams include a silhouette of a person in a wheelchair reaching towards the respective limits.

INTERNATIONAL SYMBOL OF ACCESSIBILITY

DISPLAY CONDITIONS - INTERNATIONAL SYMBOL OF ACCESSIBILITY

MINIMUM CLEARANCES FOR SEATING AND TABLES

Diagram illustrating the maximum reach for a person standing in a lobby, relative to a door or wall. The distance from the person to the door is labeled X .

- ANY AMOUNT (WHEN X IS LESS THAN 27")
- 4" MAX (WHEN X IS GREATER THAN 27")

WALKING PARALLEL TO A WALL

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G002

ONLY USE IF AHJ USES IBC BUT DOES NOT USE ICC A117.1 STANDARDS,
OTHERWISE DELETE SHEET

F. Fasteners: USG Type "S" bugle head screws for metal framing, USG Type "W" bugle head screws for wood framing, manufacturer's recommended length for panel thickness indicated. G. Trim: Galvanized steel with knurled and perforated flanges. USG Dur-A-Bead corner bead, No. 200B casing bead metal trim, No. 093 Control Joint. H. Joint treatment: USG Joint Treatment System, utilizing "Sheetrock Brand Joint Tape", and "Sheetrock Brand Setting-Type (DURABOND)" compound for tape bedding and topping. I. Adhesives: USG "Sheetrock Brand Setting-Type (DURABOND) 210 or 90" compound for tape bedding and topping. J. Acoustical sealant: USG Sheetrock Acoustical Sealant, water-base type, gunnable sealant for sealing sound-rated gypsum board systems. K. Sound attenuation insulation: USG Thermafiber unfaced 3-1/2" thick, mineral fiber insulating batts/blankets; standard lengths and widths required to coordinate with spaces insulated. 3.1 Installation A. Install metal wall and partition framing and ceiling suspension/ support systems in accordance with USG Bulletin SA 923 and complying with ASTM C754. 1. Ceiling suspension/ support systems: Metal furring system/direct suspension or steel stud framing system. 2. Wall and partition framing: a. Install steel studs per schedule or at spacing indicated with bottom and top runner tracks anchored to substrates. Provide flexible ceiling runner tracks at full height partitions. b. Terminate partition stud system 4" above ceilings, except where indicated to be extended to structural support or roof deck above. Brace tops of partition framing to structure or roof deck at maximum 4'-0" on center spacing. c. Frame openings more than 2'-0" wide with two 20 gage studs at each jamb. d. Coordinate the installation of supplementary blocking and nailers, provided under Section 06100 work, to support shelving, millwork, toilet accessories, and similar work that cannot be adequately supported by gypsum board alone. B. Application and Finishing: Install and finish gypsum board to comply with ASTM C 840 and Gypsum Association GA 216 "Recommended Specifications for the Application and Finishing of Gypsum Board." 1. Screw fasten all gypsum board panels. 2. Metal Trim: Install metal corner beads at external corners of gypsum board work and metal trim wherever edge of gypsum board would be exposed. Use longest practical lengths. 3. Control Joints: Locate and install control joints in accordance with USG Bulletin SA923 "Good Design Practice" recommendations. C. Acoustical Treatment: 1. Where sound-attenuation insulation is indicated, seal gypsum board construction at perimeters, control joints, junction boxes, openings and penetrations with a continuous bead of acoustical sealant including a bead at both faces of partitions. 2. Install sound attenuation insulation at scheduled partitions and ceilings. Install insulation in single layer of required thickness. Extend full thickness over entire area to be insulated. Cut and fit tight around obstructions. Fill all voids. 3. At openings and cutouts, fill open spaces between edges of gypsum board and fixtures, cabinets, ducts, and other flush or penetrating items, with continuous bead of acoustical sealant. 4. Seal sides and backs of electrical boxes to completely close up openings and joints with a bead of acoustical treatment. D. Finishing: 1. Comply with manufacturer's instructions for mixing, handling, and application of materials. Apply treatment at joints both directions, at flanges of trim accessories, penetrations of gypsum board (electrical boxes, piping, and similar work), fastener heads, surface defects, and elsewhere as indicated. Apply in manner that will result in each of these items being concealed when applied decoration has been completed. 2. Apply joint tape at joints between gypsum boards, except where trim accessories are indicated. 3. Interior Exposed Gypsum Board Finish: Level 5 Finish. a. Locations: Typical for all walls and ceilings, unless otherwise indicated b. Finish interior gypsum board by applying the following joint compounds in four coats (not including prefill of openings in base), and sand between coats and after last coat: c. Embedding and First Coat: Setting-type joint or taping compound. d. Fill (Second) Coat: Setting-type topping compound. e. Fill (Third) Coat: Setting-type topping compound. f. Finish (Fourth) Coat: Skim coat entire surface. 4. Interior Concealed Gypsum Board: Level 3 Partial Finishing. a. Finish concealed gypsum board construction that requires finishing same as exposed gypsum board construction, except the third coat and sanding can be omitted. E. Cement Board: Install cement board as a 16" high base at all kitchen and kitchen cook line wall types as indicated on drawings. SECTION 092816 - GLASS-MAT FACED GYPSUM BACKING BOARDS 1.1 General: Provide Fiberglass-mat faced, moisture resistant gypsum backer board as shown and specified. A. Standards: Materials and installation shall conform to the following: 1. ASTM C840 Standard Specification for Application and Finishing of Gypsum Board. 2. ASTM C1002 Standard Specification for Steel Self Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs 3. ASTM C1178 Standard Specification for Glass Mat Water-Resistant Gypsum Backing Panel 4. ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber 5. ASTM D6329 Standard Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers. 6. ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials 7. Tile Council of North America, Inc. (TCNA): TCA Handbook for Ceramic Tile Installation, Current Edition. 2.1 Materials: A. Manufacturer: Georgia-Pacific Gypsum LLC, (800) 225-6119, internet: www.buildgpc.com B. Fiberglass-Mat Faced Gypsum Backing Board: DensShield Fireguard Tile Backing Board complying with ASTM C1178, Type X, Square edges, 4' wide in maximum lengths available to minimize end joint conditions, 5/8" thick. Surfacing: Coated fiberglass mat on face, back and long edges. 1. General use panels: 5/8" DensShield Fireguard Tile Backer, Georgia-Pacific Gypsum. C. Fasteners: Screws meeting ASTM C1002, with corrosion resistant treatment. Size and type per manufacturer's recommendations: 1. Walls (Steel Frame): Bugle head, fine thread, sharp point rust resistant drywall screw 2. Walls (Walls Frame): Bugle head, coarse thread, sharp point rust resistant screw D. Metal Framing, Trim, joint treatment, adhesives, acoustical sealant, and sound attenuation insulation: Refer to Section 09260 Gypsum Board Systems
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3.1 Installation

A. Install DensShield at all tile walls excluding hood area as indicated on drawings.

B. General: Install in accordance with ASTM C840, manufacturer's recommendations and TCA Handbook for Ceramic Tile Installation.

1. Manufacturers Recommendations: refer to Current "Product Catalog", Georgia Pacific Gypsum.

a. Attach DensShield Tile Backer with grey side facing the interior. Tile should be applied on the grey coated side of DensShield Tile Backer. Cut panel to required size and make cutouts. Fit ends and dges closely. Do not leave gaps between panels.

b. DensShield Tile Backer may be cut by using a utility knife to score, then snap, working from the grey face side.

c. For walls, when used as a tile substrate a minimum 20-gauge steel or wood framing should be spaced no greater than 24" o.c. for 5/8" DensShield Tile Backer. Board can be applied horizontally or vertically.

d. Fasteners shall be spaced 6" o.c. for walls for wood and steel framing. Do not countersink. Drive fasteners flush with grey coated surface. See manufacturer installation Fastener Guide for proper selection.

e. In all corners, imbed with a bead of flexible sealant when installing panels into corner. Apply self-adhesive 2" wide fiberglass mesh tape and bed tape on all joints and corners with material used to set tiles.

f. Caulk or seal fixture/plumbing penetrations and abutments to dissimilar materials.

g. Do not use all purpose joint compound or tape in wet areas.

h. Do not apply DensShield Tile Backer directly to concrete or masonry block. Framing or furring of the walls is necessary.

i. DensShield Tile Backer should not be used for exterior installations.

j. DensShield Tile Backer panels should not be used as a base for nailing and mechanical fastening.

k. DensShield Tile Backer has a built in moisture barrier. Never install vapor retarders directly behind DensShield Tile Backer panels. In retrofit applications, some paints or other wall coverings may constitute a vapor barrier; remove or effectively penetrate these coverings prior to installing DensShield Tile Backer panels.

C. Refer to Section 09260 Gypsum Board Systems for additional installation and sound treatment instructions

SECTION 09330 - QUARRY TILE

1.1 General: Provide quarry tile flooring and base as shown and specified.

A. Standards: Materials and installation shall conform to the following:

1. ANSI A137.1 "Ceramic Tile."

2. TCA "Handbook for Ceramic Tile Installation."

2.1 Materials:

A. Manufacturers:

1. Quarry Tile: Daltile, (877) 556-5728, internet: http://daltile.com

a. For ordering purposes, email all orders to chipotle@daltile.com

2. Waterproofing, Setting and Grouting Materials:

a. Setting and Grouting Materials and Tile Base Membrane: Mapei

i. For ordering purposes, email all orders to chipotle@daltile.com

ii. For technical questions, contact Mapei, (800) 992-6273, internet: www.mapei.com

B. Quarry Tile: Daltile 6" x 6" x 1/2" Quarry Textures with 5" base as scheduled on finish plan and appropriate trim; Color: "Ashen Gray" 0703

1. Entire Kitchen Area: Provide non-abrasive finish quarry tile.

2. Rest Rooms: Provide non-abrasive finish quarry tile.

3. Outside Corner Cove Base (Kitchen): #QC-IL or R)-3565 5" x 6"

4. Inside Corner Cove Base: #QB-3565 1" x 5"

5. Bullnose Coveless Base: #Q-1665, 6" x 6".

6. Bullnose Corner Coveless Base: #QCRL-1665, 6" x 6".

C. Waterproofing for elevated floor slabs: Mapei, MapeLastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane

D. Setting Adhesive: Mapei, Ultraflex 3, Color: Gray

E. Grout: Mapei, Kerapoxy IEG CQ, Color: #9, "Gray", 1/4" grout joints.

F. Quarry Tile Base Membrane: Mapei, MapeLastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane

3.1 Installation

A. Preparation: Clean substrate surfaces, scheduled to receive quarry tile, thoroughly and remove all coatings that may impair bond.

1. Center tile fields both directions in each floor area. Adjust layout to minimize tile cutting. Avoid tile less than one-half size.

2. Locate cuts to be least conspicuous.

2. Maintain units uniformly "in plane." Provide straight, uniform joint widths and grout lines.

B. Elevated Floor Slabs: Install waterproofing membrane at elevated floor slab surfaces scheduled to receive quarry tile floor finish. Install membrane materials in accordance with manufacturer's installation instructions to produce a waterproof membrane of uniform minimum 30 mil thickness bonded securely to substrate.

1. Extend waterproofing up vertical wall surfaces minimum 10" high.

2. Extend membrane down into floor drain flanges to assure continuous waterproofing at drainage points.

C. Wet Areas: Install waterproofing membrane at all quarry tile wall base. Install membrane materials in accordance with manufacturer's installation instructions to produce a waterproof membrane of uniform minimum 30 mil thickness bonded securely to substrate.

1. Extend waterproofing up all vertical wall surfaces receiving quarry tile base minimum 10" high. Extend waterproofing membrane 10" minimum horizontally from all vertical wall surfaces receiving quarry tile base.

D. Installation: Install, grout and clean ceramic tile in accordance with referenced TCA installation details and ANSI standard specifications for setting methods scheduled.

1. Floors: Latex-portland cement mortar on concrete; TCA detail F113 and ANSI A108.5, grout ANSI A108.10.

2. Base: Latex-portland cement mortar on cement board.

SECTION 09340 - CERAMIC TILE

1.1 General: Provide ceramic wall tile as shown and specified.

A. Standards: Materials and installation shall conform to the following:

1. ANSI A137.1 "Ceramic Tile."

2. TCA "Handbook for Ceramic Tile Installation."

2.1 Materials:

A. Manufacturers:

1. Ceramic Tile and Accent Tile: Daltile, P: (877) 556-5728, internet: http://daltile.com

a. For ordering purposes, email all orders to chipotle@daltile.com

2. Ceramic Tile: Series - Color Wheel Glazed Ceramic:

1. Kitchen Tile, or as noted in plans, Series - Finish Line Glazed Ceramic Tile:

a. Color - White FL90, Semi-Gloss, Size - 4 x 16, Pattern - Stacked Bond

2. Accent Tile - Color Wheel Glazed Ceramic

a. Color - Chipotle Brick Metallic 1.0 #9999710686, Size - 3 x 12, Pattern - Stacked Bond

b. Alternate Accent Tile only when approved by Arch PM and Chipotle DM

i. Series - Remedy, Color - Alchemy RD25, Size - 2 x 9, Pattern - Stacked Bond

ii. Series - Marrazzi, Color - Artesen AT25, Size - 2 x 4, Pattern - Brickjoint Mosaic

C. Setting Adhesive: Thinset Mortar, Mapei, Ultraflex LFT - Gray

D. Grout:

1. Kitchen Tile or as noted in plans

a. Mapei, Series - Flexcolor CQ - Gray #09, 1/8" grout joints.

2. Accent Tile

a. Mapei, Series - Flexcolor CQ - Chocolate #07 1/8" grout joints.

3.1 Installation

A. Preparation: Clean substrate surfaces scheduled to receive ceramic tile thoroughly and remove all coatings that may impair bond.

1. Protect surrounding work from damage.

2. Remove any curing compounds or other contaminants.

3. Vacuum clean surfaces and damp clean.

4. Install cementitious backer board or glass-mat faced gypsum backing board as indicated in drawings in accordance with ANSI A108.11 and board manufacturer's instructions. Tape joints and corners, cover with skim coat of dry-set mortar to a feather edge.

5. Prepare substrate surfaces for adhesive installation in accordance with adhesive manufacturer's instructions.

B. Kitchen:

1. Install, grout and clean ceramic tile in accordance with referenced TCA installation details and ANSI standard specifications for setting methods scheduled.

2. Lay tile in horizontal stack bond, following detail drawings for layout considerations. Horizontal rows of tile shall be full-height courses, unless noted otherwise.

3. Arrange pattern so that a full tile or joint is centered on each wall horizontally and that no tile less than 1/2 width is used at the ends of the wall. Exception: when one end of the wall is a tile-to-gypsum board transition. Do not interrupt tile pattern through openings.

4. Use specified stainless steel corner guards at tile-to-tile and tile-to-FRP outside corners.

5. Use corner bead of 100% silicone sealant, color to match grout, at inside corners where tile meets tile.

6. Use corner bead of 100% silicone sealant, white, at inside corners where tile meets paint gyp. board, tile meets FRP or tile meets aluminum.

7. Cut and fit tile to penetrations through tile, leaving sealant joint space. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make joints watertight, without voids, cracks, excess mortar, or excess grout.

8. Sound tile after setting. Replace hollow sounding units.

9. Keep expansion joints free of adhesive or grout. Allow tile to set for a minimum of 48 hours prior to grouting. Apply sealant to junction of tile and dissimilar materials and junction of dissimilar planes. Refer to section 07900 Joint Sealers.

10. Clean tile and grout surfaces.

SECTION 09510 - SUSPENDED CEILING SYSTEMS

1.1 General: Provide acoustical ceiling systems as shown and specified.

A. Standards: Materials and installation shall conform to the following:

1. Cisca "Acoustical Ceilings - Use and Practice."

2. ASTM C635.

3. ASTM C636.

B. Related Sections:

1. 09515 Cementitious Wood Fiber Acoustical Panels: Suspension system.

2.1 Materials:

A. Manufacturer:

1. USG Interiors, Inc., (800) 950-3839, www.usg.com

2. Pittcon Industries, (800) 637-7638, www.pittconindustries.com

B. Ceiling Panels: USG "Sheetrock Lay-In ClimaPlus No. 3270" ceiling panels with white, stipple texture, vinyl facing, 24" x 48" x 1/2".

C. Light Pocket: Pittcon "LP-700-800", White, Height of cove should be field verified by GC to end on a full tile height.

1. Note: Light Pocket can have up to 6 week lead time and should be ordered as soon as possible

2. Light pocket endcap should only be installed when the end of the cove is not against a wall.

D. Suspension System: Provide intermediate duty, structural class, direct hung systems adequate to support light fixtures, ceiling diffusers and other normal accessories.

1. Exposed "Tee" Grid System for use with Lay-In Ceiling panels: USG "Donn DX System" non-fire rated with 15/16" exposed face, cold-rolled galvanized steel with aluminum face cap, white paint finish on exposed surfaces. Provide hemmed edge aluminum wall angles, 15/16" exposed leg, white paint finish matching exposed grid.

2. Concealed "Tee" Grid System for use with Painted Gypsum Board Ceilings & Soffits or with Cementitious Wood Fiber Acoustical Panels (Tectum): USG "DGLW" Heavy Duty Drywall Suspension System with 1 5/8" deep by 1 1/2" wide main tees and 1 1/2" deep by 1 1/2" wide cross tees.

3. Hanger Wire: No. 12 SWG galvanized steel wire.

3.1 Installation

A. Install acoustical ceiling materials and suspension systems in strict accordance with manufacturer's recommendations, complying with governing regulations and industry standards applicable to the work.

B. Suspension system installation shall be laser leveled with a maximum surface leveling tolerance of 1/8" in 12'-0".

C. Install exposed Tee suspension systems with main tees nominally 12 ft long spaced 48 in O.C. and cross tees nominally 4 feet long spaced 24 in O.C.

D. Install concealed Tee suspension systems with main tees nominally 12 ft long spaced 24 inches O.C. and cross tees nominally 2 ft long spaced 48 in O.C.

E. Hanger wire shall be spaced 48" O.C. along main tees, at all four corners of light fixtures (where applicable), at midpoint of cross tees adjacent to light fixtures and duct outlets, and adjacent to main tee splices.

F. Secure wire hangers by looping and wire-tying either directly to building structure or to hangers that are secure and appropriate for substrate.

G. Provide edge trim molding at perimeter of acoustical ceiling installation and intermediate vertical surfaces. Use maximum lengths. Miter trim corners to Provide tight, accurate joints. Connect moldings securely to substrate surfaces.

SECTION 09653 - RUBBER WALL BASE

1.1 General: Provide resilient rubber wall base as shown and specified.

A. Standards: Materials and installation shall conform to the following:

1. ASTM D 2240 Rubber - 85 Shore A

2.1 Materials:

A. Manufacturer: Johnsonite, Inc., (800) 899-8916, internet: www.johnsonite.com

1. Basis-of-Design Product Rubber Wall Base:

a. Resilient Rubber:

1. .125" (3.17 mm) Thickness

2. "Black" color

3. Straight (toeless) or coved as specified on finish plan

4. Inside and outside corners with 4" returns.

2. Alternate Wall Base only when approved by Arch PM and Chipotle DM.

1. Vinyl Wall Base

a. .125" (3.17 mm) Thickness

b. "Black" color

c. Straight (toeless) or coved as specified on finish plan

d. Inside and outside corners with 4" returns.

C. Setting Adhesive

1. For porous surface applications: Johnsonite 960 Acrylic Cove Base Adhesive

2. For non-porous surface applications: Johnsonite 946 Contact Bond Adhesive or polymer based alternative

3.1 Installation:

A. Preparation: Clean substrate surfaces scheduled to receive resilient rubber and vinyl wall base thoroughly and remove all coatings that may impair bond. A uniform temperature of at least 65 degrees Fahrenheit shall be maintained for 24 hours before, during and after the installation is completed. The wall base and adhesives shall be conditioned in the same manner. Coiled wall base shall be uncoiled and lay flat for at least 24 hours at 65 degrees Fahrenheit prior to installation. Floor and walls shall be clean, dry, and free of dust, all paints, wallpaper, and all other foreign material, which may affect proper adhesive bonding. Wall base may be installed on interior plaster, gypsum wall board, concrete, masonry, mineral-reinforced cement board or similar porous surfaces. Wall base shall not be installed on surfaces that will be exposed to drastic temperature changes or moisture.

B. Application: Use a 1/8" square notch trowel to apply adhesive. Allow adhesive to set up and then apply wall base in accordance with manufacturer's instructions.

SECTION 09770 - SPECIAL WALL SURFACING - PHENOLIC INTERIOR WALL PANELS

1.1 General: Provide Stonewood solid phenolic panels and accessories for interior walls and millwork as shown and specified.

1.2 Related Sections:

A. Section 05400 - Cold Formed Metal Framing

B. Section 06210 - Finish Carpentry and Millwork

C. Section 07900 - Joint Sealers

D. Section 09260 - Gypsum Board Systems

1.3 Standards: Materials and construction shall conform to the following:

A. ASTM D638 - 10 Standard Test Method for Tensile Properties of Plastics.

B. ASTM D790 - 10 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.

C. ASTM E84 - 12 Standard Test Method for Surface Burning Characteristics of Building Materials.

D. NEMA Standards Publication LD3-2005. High pressure decorative laminates.

1.4 Design/Performance Requirements:

A. Design and size of wall panel assemblies including wall panels, mounting system to support weight of panels.

B. Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on expected movement of material as defined in fabrication guidelines.

1.5 Quality Assurance:

A. Manufacturer's Qualifications:

1. Sufficient plant facilities to provide quality and quantity of materials as required without delaying progress of work.

2. Minimum of 40 years of experience in paper saturation of phenolic resin, and producing phenolic paper laminate.

B. Fabricator:

1. Fabricated by the manufacturer, and/or;

2. Contracted by the customer, minimum 5 years' experience in fabrication work for the size and complexity of the projects.

C. Installer

1. Proven professional installer with a minimum of 5 years of documented experience.

2. Approved by the manufacturer.

1.6 Delivery, Storage and Handling:

A. Refer to Section 01400 Quality Requirements.

B. Delivery: Deliver materials in manufacturer's original unopened containers/packages, with labels clearly identifying product name, manufacturer, color/texture and weight.

C. Storage:

1. Keep panels dry and stored indoors in original packaging until installation.

2. Store Stonewood panels on a smooth, dry, flat surface, making sure there are no bends or bowing in the load.

3. Do not store directly on cold concrete floors as moisture may migrate.

4. Do not store under heating units or air conditioning units.

5. Keep load stored within outer wrap until use. Remove pallet straps once load is moved to storage area.

6. Reseal plastic wrap if partial load is used.

7. Keep foam dividers in place.

D. Handling:

1. Handle materials in accordance with manufacturer's instructions.

2. Protect materials during handling to prevent damage.

3. When moving sheets, lift evenly to avoid dragging panels across each other and scratching the surface. PLEASE TAKE CARE NOT TO SCRATCH THE SURFACE OF THE PANEL DURING HANDLING, MACHINING AND INSTALLATION.

1.7 Warranty:

A. Limited Warranty: Fibers warrants Stonewood for a period of 10 years. Refer to www.stonewoodpanels.com for details.

1.8 Project Conditions:

A. Environmental Limitations: Buildings are to be fully enclosed prior to installation with sufficient heat (70 degrees) and ventilation consistent with good working conditions for finish work.

B. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

C. Field Measurements: Verify locations of structural members and wall opening dimensions by field measurements before composite wall panel fabrication and indicate field measurements on Shop Drawings.

2.1 Manufacturer:

A. Fibersin Industries, Inc. PO Box 808, Oconomowoc, WI 53066. Phone: (262) 567-4427, Fax: (262) 567-4814, Web Site: www.stonewoodpanels.com Email: info@fibersin.com

B. Made in the United States from materials sourced in the USA.

2.2 Application:

A. Apply Solid Phenolic Laminate Wall Panels at walls and other surfaces as indicated on the Drawings. Phenolic Wall Panels are architectural wall panels applied over a sheathed stud wall or other solid blocking per Drawings.

2.3 Interior Stonewood:

A. Material: Solid phenolic laminate panel w/o overlay.

B. Color: Black ND

C. Finish: Matte

D. Standard Size: 48"x96", fabricator to trim height to 47"

E. Panel Thickness: 5/16", 1/2"

F. Panel Core: HR Black

2.4 Minimum Material Properties

A. NEMA Requirements:

Description	NEMA Requirements	
Dimensional Change:	3.11	
Length (Machine Direction)	0.3% Maximum	0.25%
Width (Cross Direction)	0.7% Maximum	0.50%
Density (PCF)	82	

B. Mechanical Properties:

Property	NEMA Requirements	
Flexural Strength ASTM D-790		
MD (psi)	18,000	20,000
CD (psi)	12,000	16,000
Flexural Modulus ASTM D-790		
MD (psi)	1.6x10 ⁶	2.0 x10 ⁶
CD (psi)	1.4x10 ⁶	1.5x10 ⁶
Tensile Modulus ASTM D-638		
MD (psi)	18,000	18,000
CD (psi)	12,000	13,000

C. Fire Resistance:

	Class A (0.250")	Class B (0.250")
Flame Spread Index - ASTM E-84 (BLDG):	5	30
Smoke Developed Values - ASTM E-84 (BLDG):	5	105
Fire Rating (Standard Product is Class B):	A	B

D. Manufacturing Tolerance:

Thickness (.156 to .375)	+/- .020
Thickness (above .375 to 1.000)	+/- .030
CNC Shaped Size (Length - Width)	+/- .020
Drill Diameter	+/- .003
Drill Depth	+/- .020
CNC Hole to Hole	+/- .020
CNC Hole to Edge (1 Oper)	+/- .020
CNC Hole to Edge (2 Oper)	+/- .030
Routing - (Slots Width and Length)	+/- .015
Routing - (Slots Depth)	+/- .020

2.5 Accessories (Fasteners):

A. Panel Fasteners: #10 x 1-1/4" flat phillips head black oxide wood screws to be used with wood blocking and #10 x 1-1/4" flat phillips head black oxide sheet metal screws to be used with sheet metal blocking as recommended by the manufacturer.

B. Provide exposed fasteners with heads matching color of composite wall panels by means of factory-applied coating.

C. Fasteners shall by designed to withstand the effects of dead load and accommodate hygrothermal expansion/contraction of the panel.

D. Wall Panel Accessories: Provide components required for a complete composite wall panel assembly including trim, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of composite wall panels unless otherwise indicated.



Issue Record:	Permit Issue
04/21/2023	
02/05/2024	Construction Set

Revisions:

02/05/2024	Construction Set

Project No.
01673

1. ALL DIMENSIONS ARE TO INTERIOR FACE OF GYPSUM BOARD AT EXTERIOR WALLS AND/OR FACE OF SHEETROCK FRAMING, U.N.O.

2. TENANT SHALL BE NOTED TO PROVIDE SEPARATE PERMIT U.N.O. AND SHALL BE RESPONSIBLE TO BE COMPLETED AT THE TIME TENANT TAKES POSSESSION OF PREMISES

3. TENANT SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY CHANGES TO THE PROJECT BY TENANT'S GC PRIOR TO START OF TENANT FINISH CONSTRUCTION, NOTIFY TENANT AND ARCHITECT IMMEDIATELY FOR ANY DISCREPANCIES

4. TENANT SHALL PROVIDE PROTECTIVE MEASURES TO PROTECT ALL SUPPORTING ALL ROOF-SUPPORTED EQUIPMENT, INCLUDING (3) RTUs, MAKE-UP AIR, HOOD EXHAUST FAN AND GREASE EXHAUST

5. TENANT'S GC SHALL TAKE DIGITAL PHOTOS OF THE INTERIOR PERIMETER OF THE DEMISED SPACE PRIOR TO THE START OF CONSTRUCTION AND SEND TO THE TENANT AND ARCHITECT

6. TENANT SHALL NOTIFY ANY STRUCTURAL CHANGES TO THE GENERAL CONTRACTOR PRIOR TO THE SPACE OR BE UNLASHIFLY IF EXPOSED IS OF PARTICULAR INTEREST

7. GENERAL CONTRACTOR TO SCOPE EXISTING SANITARY LINES IN ORDER TO PREPARING FOR NEW CONNECTIONS



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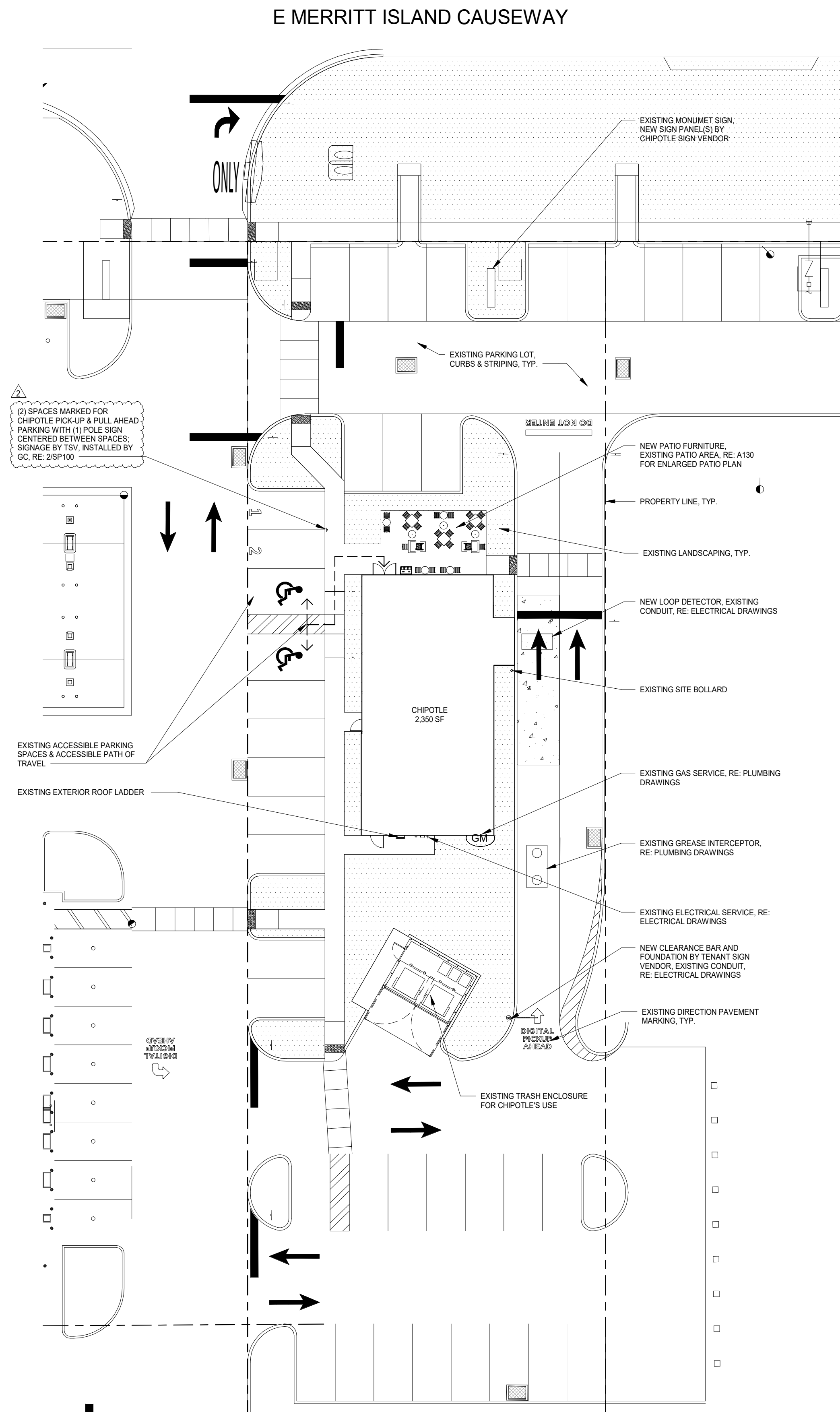
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Issue Record:	
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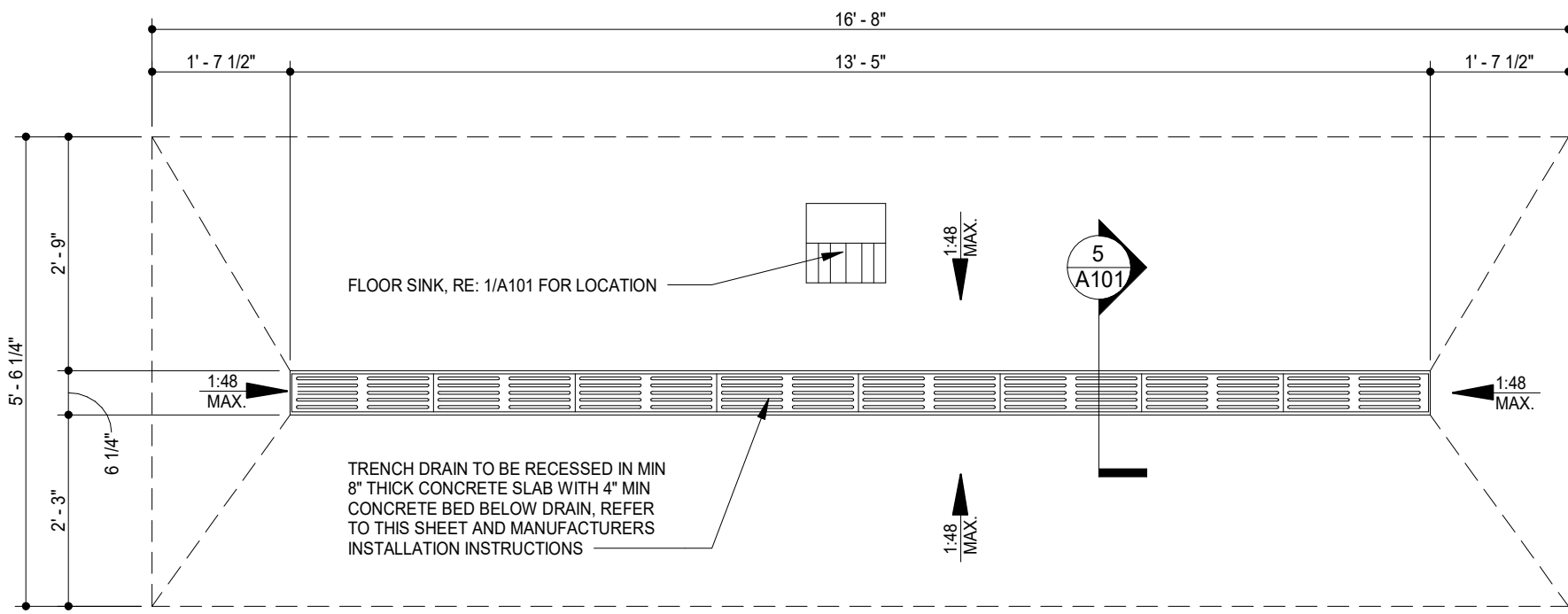
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Demised Premises Plan

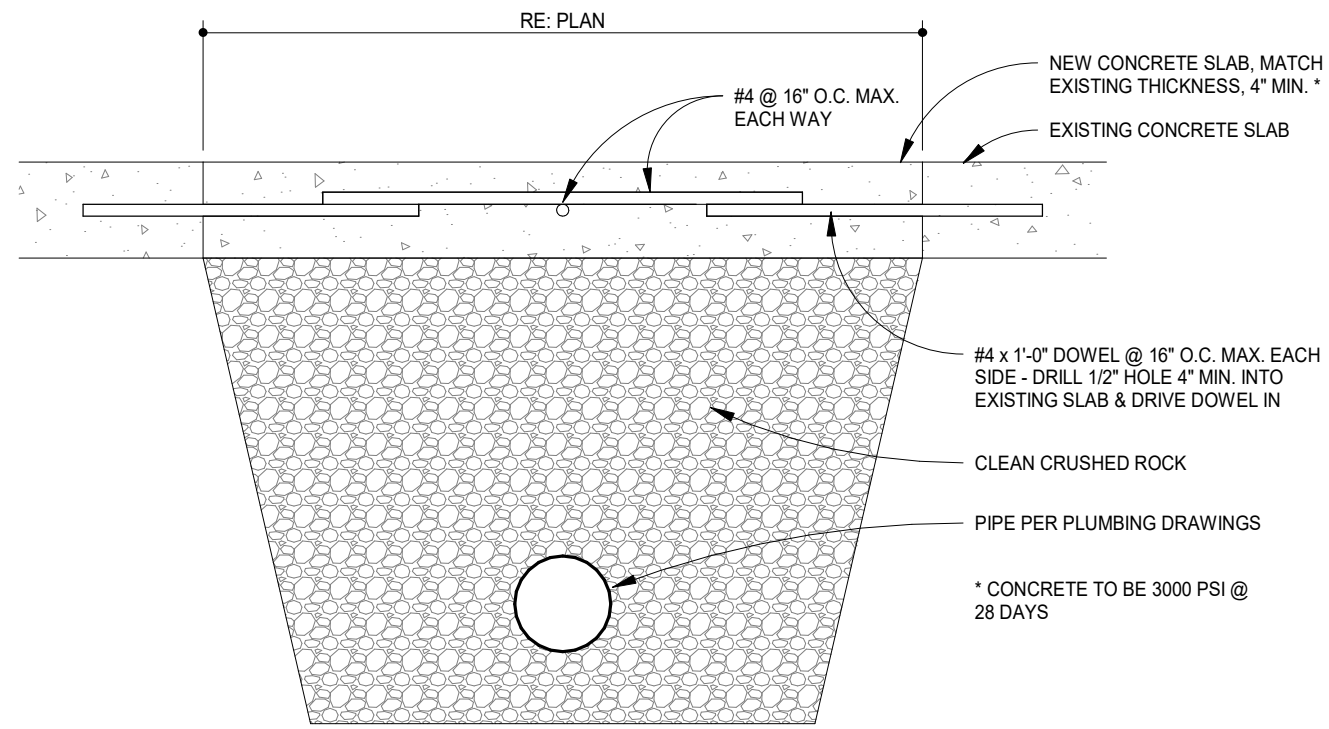
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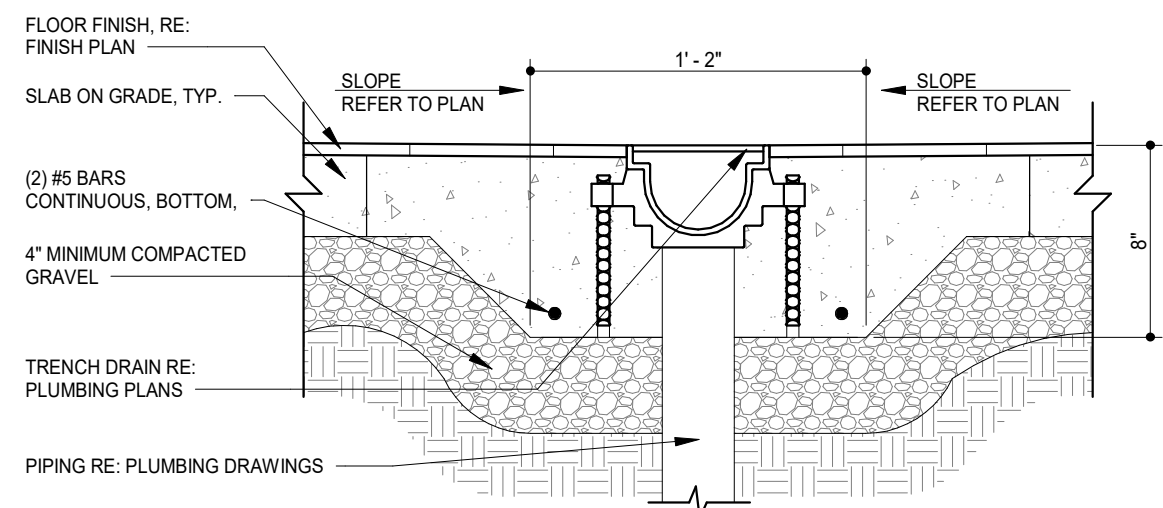
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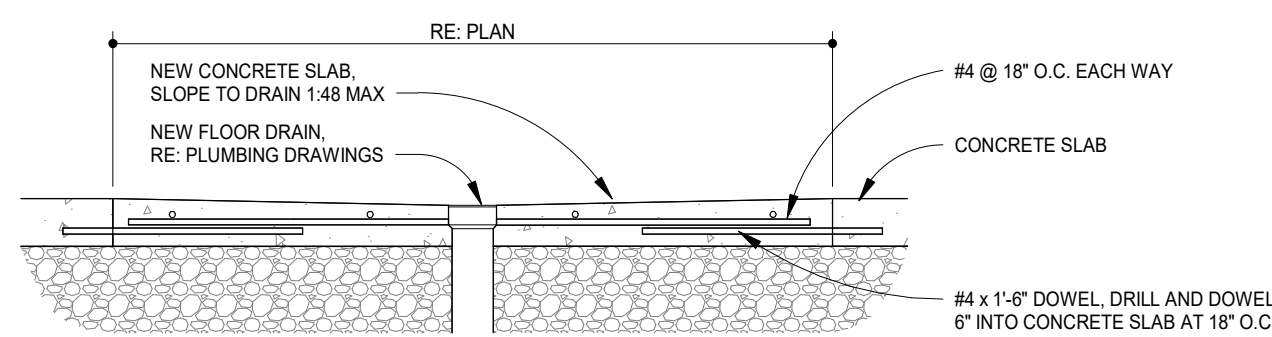
7 TRENCH DRAIN DETAIL
1/2" = 1'-0"



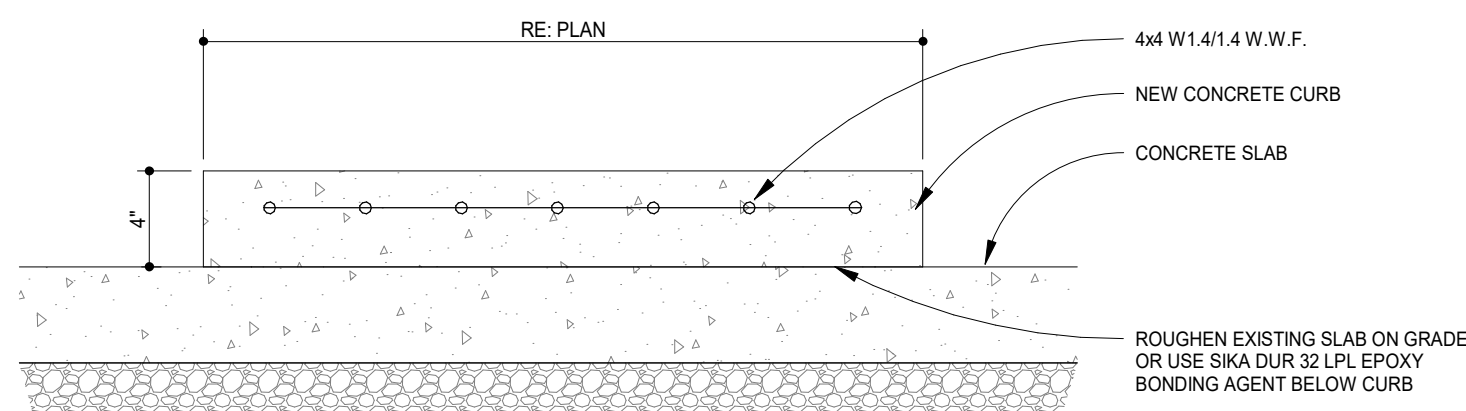
6 TYPICAL FLOOR SLAB DETAIL @ TRENCH
1/2" = 1'-0"



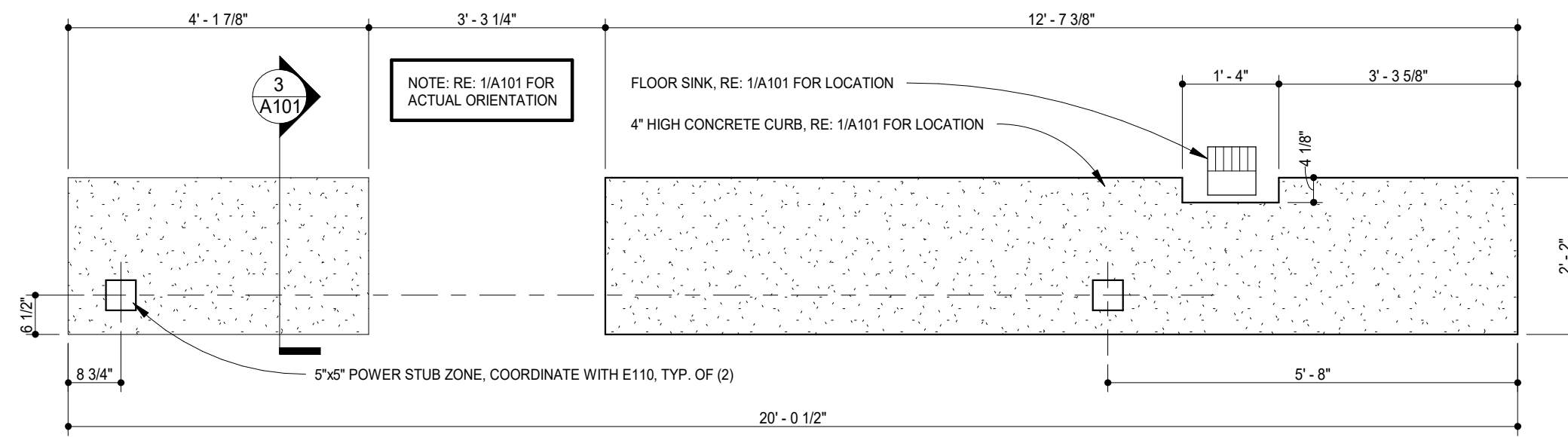
5 TRENCH DRAIN DETAIL
1/2" = 1'-0"



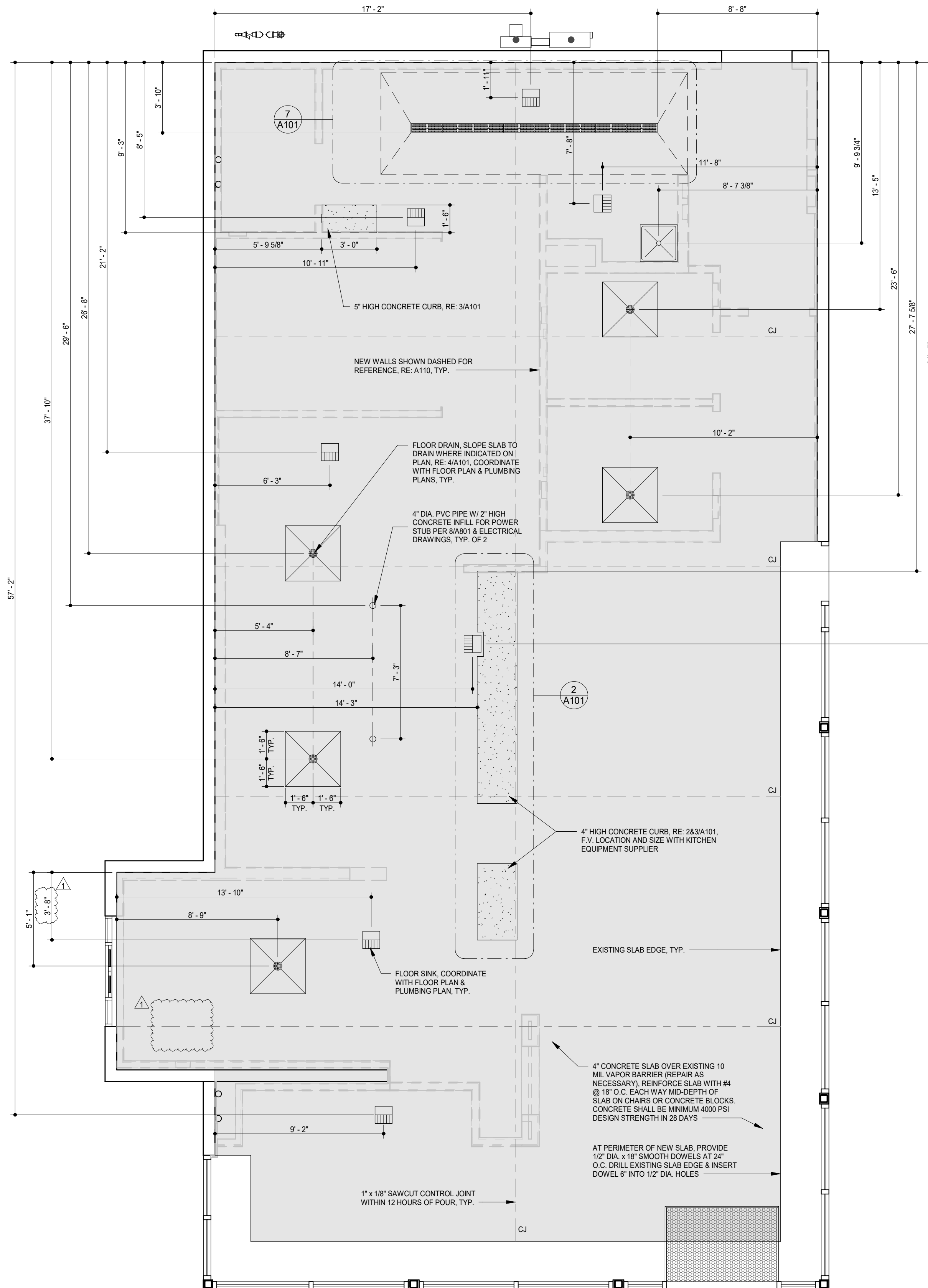
4 TYPICAL FLOOR SLAB DETAIL @ SLOPED DRAIN
1/2" = 1'-0"



3 TYPICAL FLOOR SLAB DETAIL @ CURB
1/2" = 1'-0"



2 SERVING LINE CURB DETAIL
1/2" = 1'-0"



GENERAL NOTES

- ALL DIMENSIONS ARE TO THE F.O. EXISTING WALLS, CENTERLINE OF STRUCTURE, CENTER OF FIXTURE, AND/OR EDGE OF SLAB (U.D.).
- REMOVE PORTIONS OF EXISTING FLOOR SLAB AS NECESSARY TO INSTALL PIPING & FIXTURES AND TO FORM SLOPES TO DRAINS. REPLACE CONCRETE SLAB PER DETAIL 6/A101.
- RE: PLUMBING DRAWINGS FOR TYPE, SIZE, AND SPECIFICATIONS OF PLUMBING FIXTURES & PIPING.
- GC TO REVIEW ELECTRICAL PLANS FOR LIGHTING OR POWER STUB LOCATIONS PRIOR TO POURING SLAB.
- RE: SPECIFICATION SECTION 03300 FOR CONCRETE PATCHING OR INSTALLATION INFORMATION.
- COORDINATE ALL FLOOR SINK ELEVATIONS WITH LOCAL JURISDICTION REQUIREMENTS.
- VERIFY PERIMETER FOUNDATION INSULATION IS EXISTING IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

LEGEND

- FLOOR SINK, RE: PLUMBING DRAWINGS
- FLOOR DRAIN, RE: PLUMBING DRAWINGS
- CONTROL JOINT, SAW-CUT INTO GREEN CONCRETE
- MOP SINK, RE: PLUMBING DRAWINGS

1 SLAB WORK PLAN
1/4" = 1'-0"

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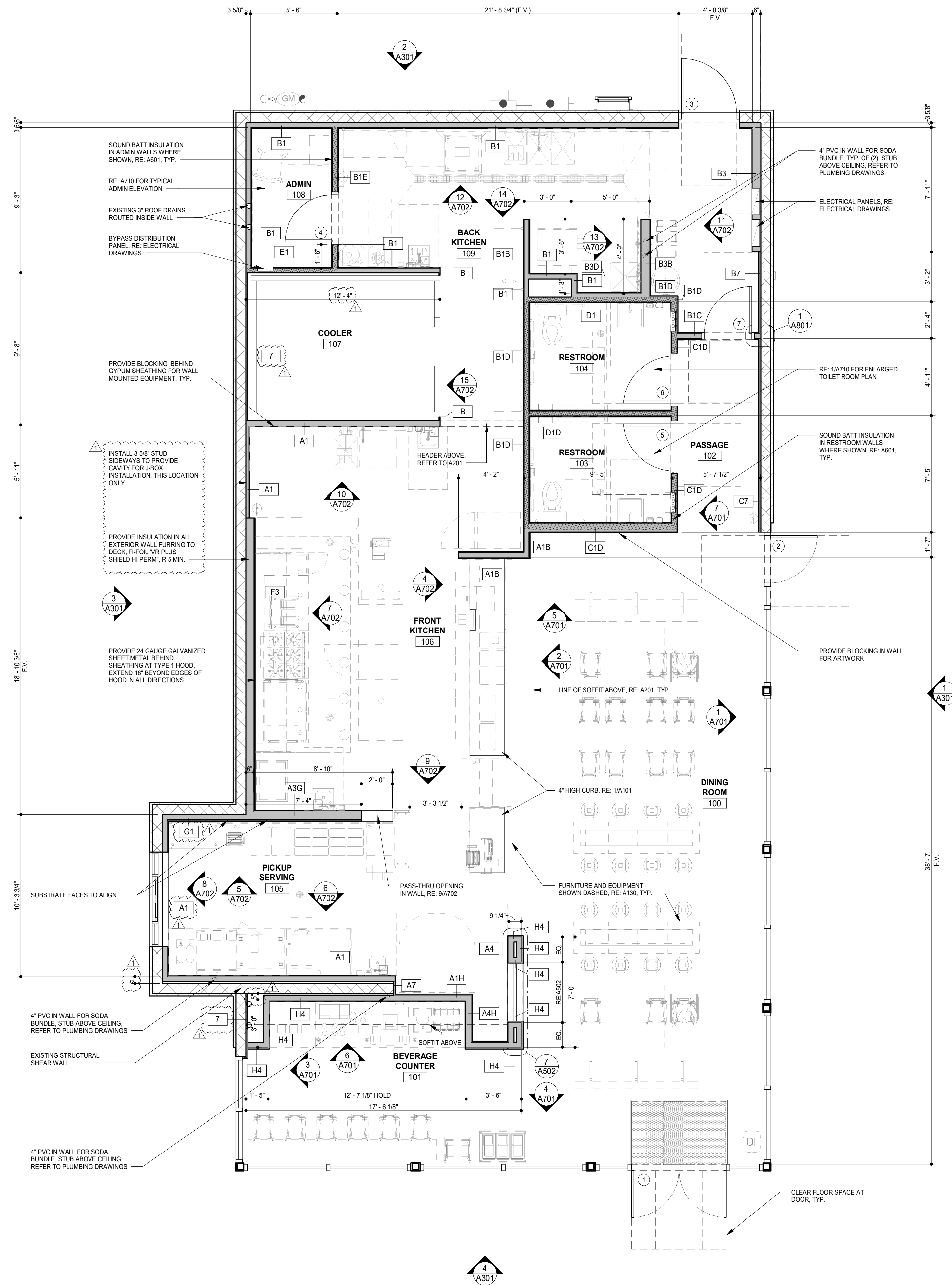
10/13/2023	City Comments/DBs/QC
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Project No.

01673

Slab Work Plan

A101



GENERAL NOTES

1. ALL DIMENSIONS ARE TO F.O. NEW FRAMING, F.O. EXISTING WALL, OR CENTERLINE OF STRUCTURE U.N.O.
2. RE: A100 FOR FINISH PLAN.
3. EDGE OF DOOR FRAME JAMBS SHALL BE 4" OFF OF ADJACENT WALL, U.N.O.
4. IN SITUATIONS WHERE TENANT'S G.C. IS TO PROVIDE TYPE 'X' GYPSUM BOARD FOR A RATED ASSEMBLY, THE TYPE 'X' GYPSUM BOARD IS REQUIRED TO GO BENEATH THE SHEATHING AND FINISHES.
5. PROVIDE BLOCKING IN WALLS FOR WALL MOUNTED SHELVING AND TOILET ROOM AND KITCHEN FIXTURES, RE: A701, A702 AND A710 FOR LOCATIONS.
6. TENANT'S G.C. TO PERFORM LAYOUT OF ENTIRE SPACE PRIOR TO STARTING FRAMING AND REPORT ANY DISCREPANCIES IN NOTED DIMENSIONS TO ARCHITECT AND CHIPOTLE MEXICAN GRILL CONSTRUCTION MANAGER PRIOR TO PROCEEDING. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT G.C.'S COST.

LEGEND

- EXISTING CONSTRUCTION
- NEW CONSTRUCTION
- SOUND BATT INSULATION
- WALK-IN COOLER
- DOOR TYPE, RE: A601
- WALL TYPE, RE: A501

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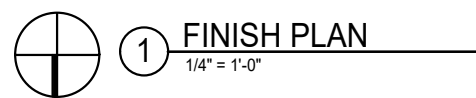
Revisions:	
10/13/2023	City Comments/DBs/QC

Project No.
01673

Architectural Floor
Plan

A110

1 ARCHITECTURAL FLOOR PLAN
1/8" = 1'-0"



ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
100	DINING ROOM	F1	B1	RE: PLAN	C1	STRUCTURE	
101	BEVERAGE COUNTER	F1	P1	P9	C6	8'-3/4"	
102	PASSAGE	F1	B1	P3/P10	C3	10'-0"	
103	RESTROOM	F5	B3	P2/P3	C3	8'-0"	RE: A710
104	RESTROOM	F5	B3	P2/P3	C3	8'-0"	RE: A710
105	PICKUP SERVING	F2	B2	RE: PLAN	C4	10'-0"	
106	FRONT KITCHEN	F2	B2	RE: PLAN	RE: RCP	RE: RCP	
107	COOLER	F2	B2	P7	C5		
108	ADMIN	F2	B2	P6	C4	9'-0"	
109	BACK KITCHEN	F2	B2	P6	C4	10'-0"	

FLOOR FINISHES		WALL BASE FINISHES		WALL FINISHES		DOOR FINISHES		CEILING/DECK FINISHES	
F1	POLISHED CONCRETE	B1	4" BLACK RUBBER - NO COVE, RE: 4A/A801	P1	PLYWOOD BETWEEN TRUSSES, VERTICAL GRAIN, RE: 5A/A502	D1	PAINT "BLACK"	C1	OPEN TO STRUCTURE, UNPAINTED
F2	QUARRY TILE								C2
F3	EXTERIOR CONCRETE	B2	QUARRY TILE WITH COVE, RE: 4"/A802 & 19/A802	P2	FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)	D2	PAINT "KNIGHT'S ARMOR"	C3	GYPSUM BOARD, PAINT "MOONLIT SNOW"
F4	SEALED CONCRETE								C4
F5	RESINOUS FLOORING	B3	4" BLACK RUBBER BASE WITH COVE, RE: 18/A801	P3	GYPSUM BOARD; PAINT "THIN ICE", EGGSHELL, REFER TO 701 AND A710			C5	EXPOSED COOLER PANEL (EMBOSSED COATED STEEL)
									C6
		B4	QUARRY TILE - NO COVE, RE: 2/A802	P4	GYPSUM BOARD; PAINT "THIN ICE", SEMI-GLOSS FINISH BELOW 4'-3" A.F.F.				
		B5	CERAMIC TILE BASE, RE: 3/A802	P5	CERAMIC TILE - WHITE, RE: A802				
				P6	FIBERGLASS REINFORCED PANELS (PEBBLED FINISH)				
				P7		EXPOSED COOLER WALL (EMBOSSED COATED STEEL)			
				P8	SPALTED MAPLE PANEL, HORIZONTAL GRAIN				
				P9	STONEWOOD PANEL, RE: 5A/A801				
				P10	STONEWOOD WAINSCOT, RE: 2.3, 16&19/A801				
				P11	CERAMIC TILE - ACCENT - BRONZE 3" X 12", RE: A802				
				P12	PREFINISHED BRAKE METAL, EXISTING				
				P13	ALUMINUM STOREFRONT, EXISTING				

SPRINKLERED EXIT ENCLOSURES & EXIT PASSAGEWAYS		CORRIDOR	ROOMS & ENCLOSED SPACES	NON-SPRINKLERED EXIT ENCLOSURES & EXIT PASSAGEWAYS	CORRIDOR	ROOMS & ENCLOSED SPACES
GROUP A/2	A	B	C	A	A	B
GROUP B	B	B	C	A	A	C

*RE: ADD/ FOR GROUP TYPE AND IF BUILDING IS SPRINKLERED OR NON-SPRINKLERED

1. PAINT ALL GYPSUM BOARD CEILINGS "MOONLIT SNOW," U.N.O. RE. A801 AND A802 FOR STANDARD FINISH DETAILS.
2. CHANGE FLOOR MATERIALS UNDER DOOR WHERE OCCURS.
3. ALL FINISHES TO BE CLASS B PER THE INTERIOR WALL AND CEILING FINISH REQUIREMENTS
4. LEGEND:
 - 1. ENSURE THAT ALL STOREFRONT HAS CONTINUOUS, CLEAN SEALANT AROUND THE INTERIOR
 - 2. INTERIOR SCREED SHALL BE FINISHED TO A FINISH SPECIFIED IN THE FINISHES
 - 3. GC IS RESPONSIBLE FOR SEQUENCING OF PERWIRING WITH COMPLETION OF INTERIOR FINISHES
5. ALL TRIM AND MAPLE PANELS PROVIDED BY B.S. INSTALLED BY GC. INSTALL PER SPECIFICATION SECTION 06210 - FINISH CARPENTRY AND MILLWORK.
6. STONEWORK WALL PANELS AND WAINSCOT PANELS PROVIDED BY B.S. INSTALLED BY GC.
7. INTERIOR STAINLESS STEEL BASE AT ALL OUTSIDE QUARRY TILE CORNERS, RE. SPECS & DETAILS #87/A802.

- 1 RE: 11A802 FOR CERAMIC TILE TO-CERAMIC TILE CORNER DETAIL
- 2 1 1/2" X 1 1/2" STAINLESS STEEL CORNER GUARDS TO 5'-0" AFF WITH 1'-1/2" X 1-1/2" FRP CORNER TRIM ABOVE
- 3 ALIGN LOW EDGE OF RENO RAMP WITH FRONT EDGE OF EQUIPMENT CURB AND FACE OF ADJACENT WALL BASE FINISH AT DOORS. ALIGN LOW EDGE WITH FRONT FACE OF DOOR.
- 4 PROVIDE BULLNOSE FLOOR TRANSITION PER DETAIL 23A/802
- 5 ALUMINUM PLATE AT END OF WALL & HEADER/JAMB/SILL OF WALL PASS-THRU. RE: 12&13A/802
- 6 ALUMINUM PLATE AT WINDOW OPENING HEADER JAMBS/SILL. RE: 41A/502 & 12&13A/802
- 7 INSTALL QUARRY TILE ON TOP OF CURB WHERE INDICATED. RE: 11A/802
- 8 INSTALL COVELESS QUARRY TILE BASE BULLNOSE CORNER (QCRL-1665) ON SIDE OF SERVELINE CURB FACING DINING ROOM. INSTALL COVED QUARRY TILE BASE ON SIDE OF SERVELINE CURB FACING QUARRY TILE FLOOR. BEHIND BULLNOSE BASE. RE: 9A/802
- 9 RE: 17A/802 FOR DETAIL AT PRECUTTING TABLE POWER SOURCE
- 10 RE: 14A/801 FOR DETAIL AT FRP CLOSURE PANEL TO WALK IN COOLER PANEL
- 11 AT QUARRY TILE BASE OUTSIDE CORNERS. RE: 6&7A/802
- 12 RE: 18A/804 FOR SLOPED QUARRY TILE FLOOR TO FLOOR DRAIN DETAIL
- 13 PROVIDE 16 GAUGE STAINLESS STEEL SHROUD AROUND EXPOSED ICE MAKER LINES. RE: 41A/30
- 14 RE: 12A/801 FOR SPALTED MAPLE PLYWOOD-TO-STONEWOOD OUTSIDE CORNER DETAIL
- 15 RE: 13A/801 FOR SPALTED MAPLE PLYWOOD-TO-SPALTED MAPLE PLYWOOD OUTSIDE CORNER DETAIL
- 16 EQUIPMENT AND FURNITURE SHOWN DASHED. RE: A1/30
- 17 RE: 11A/801 FOR STONEWOOD-TO-TILE OUTSIDE CORNER DETAIL
- 18 PROVIDE WATERPROOFING AT ALL KITCHEN & ADMIN WALL/FLOOR JUNCTIONS. RE: 4&5A/802
- 19 PROVIDE WATERPROOFING AT ALL RESTROOM WALL/FLOOR JUNCTIONS. RE: 4A/801
- 20 PROVIDE STAINLESS STEEL TO 24" ABOVE MOP SINK. FLASH BOTTOM EDGE OVER MOP SINK RIM. BEND STAINLESS STEEL AT INSIDE CORNER SO THERE IS NO JOINT. RE: 17A/801
- 21 RE: 6A/801 FOR SPALTED MAPLE PLYWOOD END CONDITION DETAIL
- 22 RE: 20A/801 FOR RESTROOM FRP INSIDE CORNER
- 23 RE: 8A/801 FOR STONEWOOD INSIDE CORNER DETAIL
- 24 RE: 9A/801 FOR STONEWOOD OUTSIDE CORNER DETAIL
- 25 RE: 9A/802 FOR CERAMIC TILE-TO-CERAMIC TILE INSIDE CORNER DETAIL
- 26 START FLOOR PATTERN WITH FULL QUARRY TILE AT THIS LOCATION
- 27 RE: 10A/802 FOR TILE TO FRP OUTSIDE CORNER DETAIL
- 28 SURFACE MOUNTED WALK OFF MAT. INSTALL PER MANUFACTURER'S SPECIFICATIONS. RE: 11A/801 FOR DETAIL. EXTENT OF WALK-OFF MAT AREA TO MATCH FLOOR CLEARANCE AREA REQUIRED BY ADA. TAPERED FROME TO BE INSTALLED OUTSIDE OF ADA AREA

GENERAL NOTES

1. RE: A131 & A132 FOR EQUIPMENT & FURNITURE SCHEDULES.
2. ALL DIMENSIONS TO FACE OF GYPSUM BOARD, FACE OF FINISH PLYWOOD, CENTERLINE/EDGE OF FURNITURE, OR COLUMN GRID, UNLESS NOTED OTHERWISE.
3. ALL FURNITURE SHALL BE SQUARE TO TENANT SPACE/WALLS AS SHOWN ON PLANS.
4. MAINTAIN MINIMUM 3'-0" CLEAR @ QUEUE LINE & EXIT PATHWAYS, TYP.
5. SEE INTERIOR ELEVATIONS FOR ADDITIONAL DIMENSIONS, RE: A701 & A702.
6. PROVIDE BLOCKING IN WALLS FOR WALL-MOUNTED ARTWORK, TOILET ROOM AND KITCHEN FIXTURES.
7. PROVIDE PORTABLE FIRE EXTINGUISHERS AS FOLLOWS:
(2) TYPE ABC - SHOWN ON PLAN, FINAL LOCATION PER FIRE MARSHAL.
(1) TYPE K - SHOWN ON PLAN, FINAL LOCATION PER FIRE MARSHAL.

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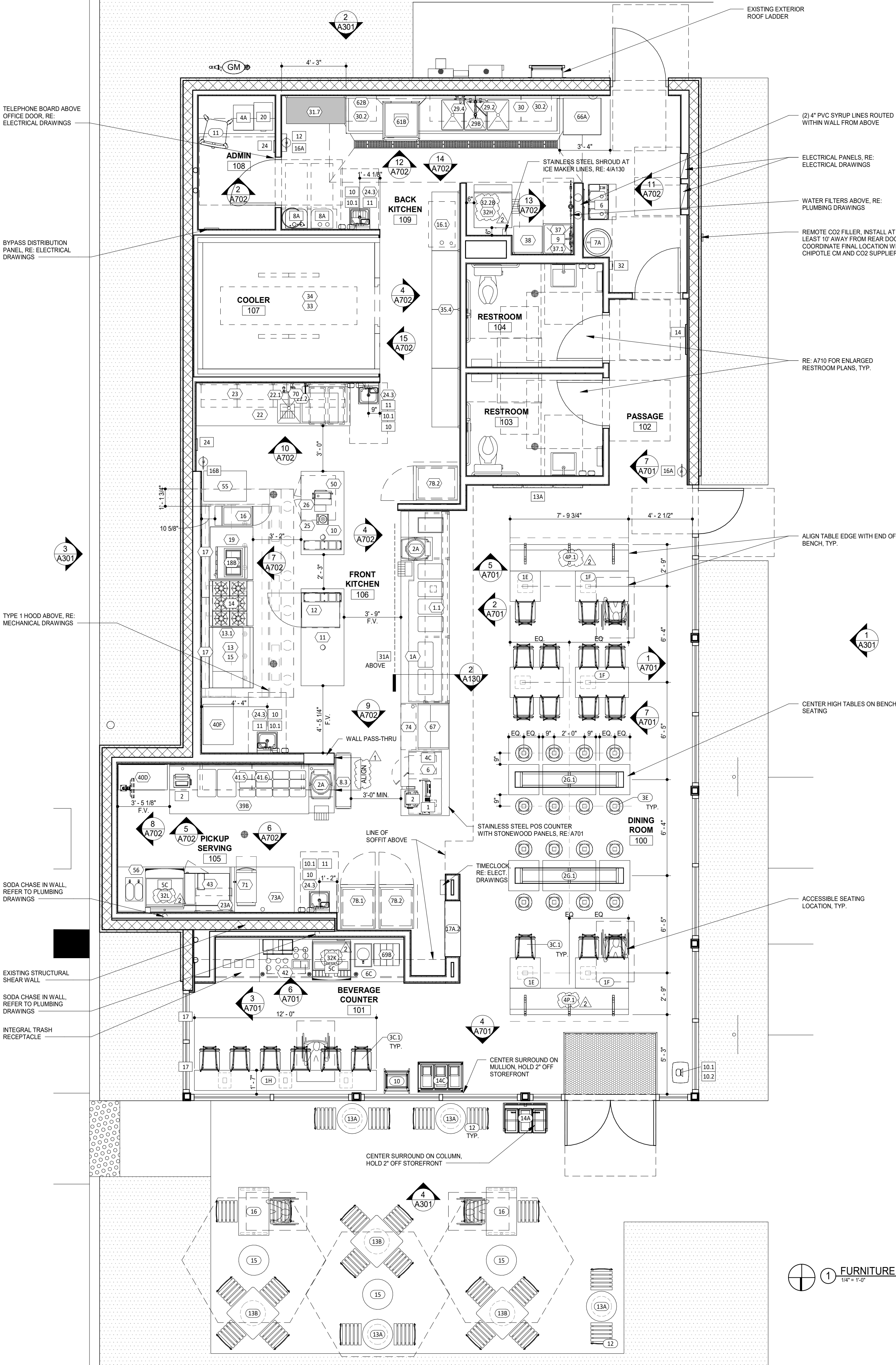
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Revisions:	
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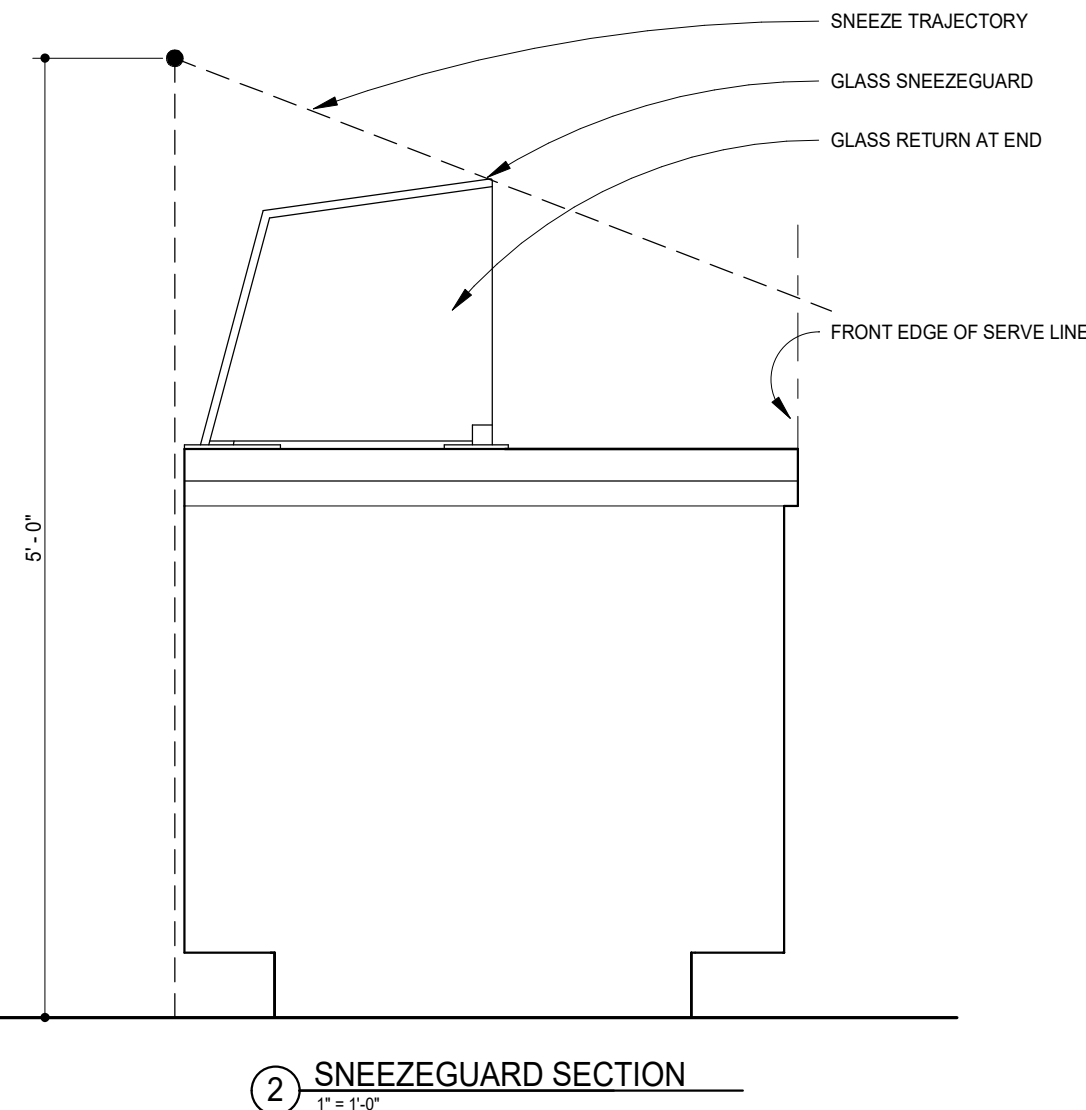
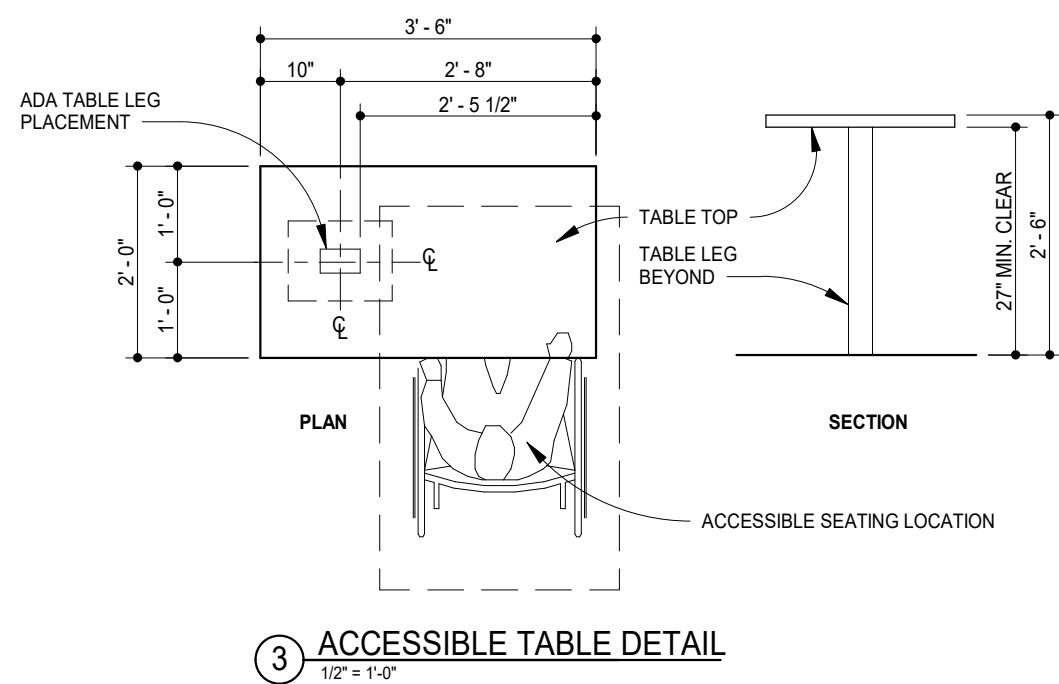
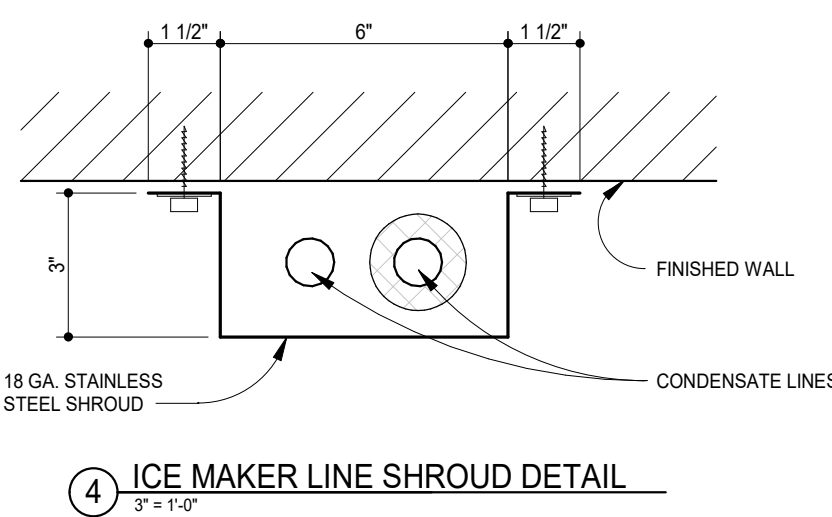
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01673

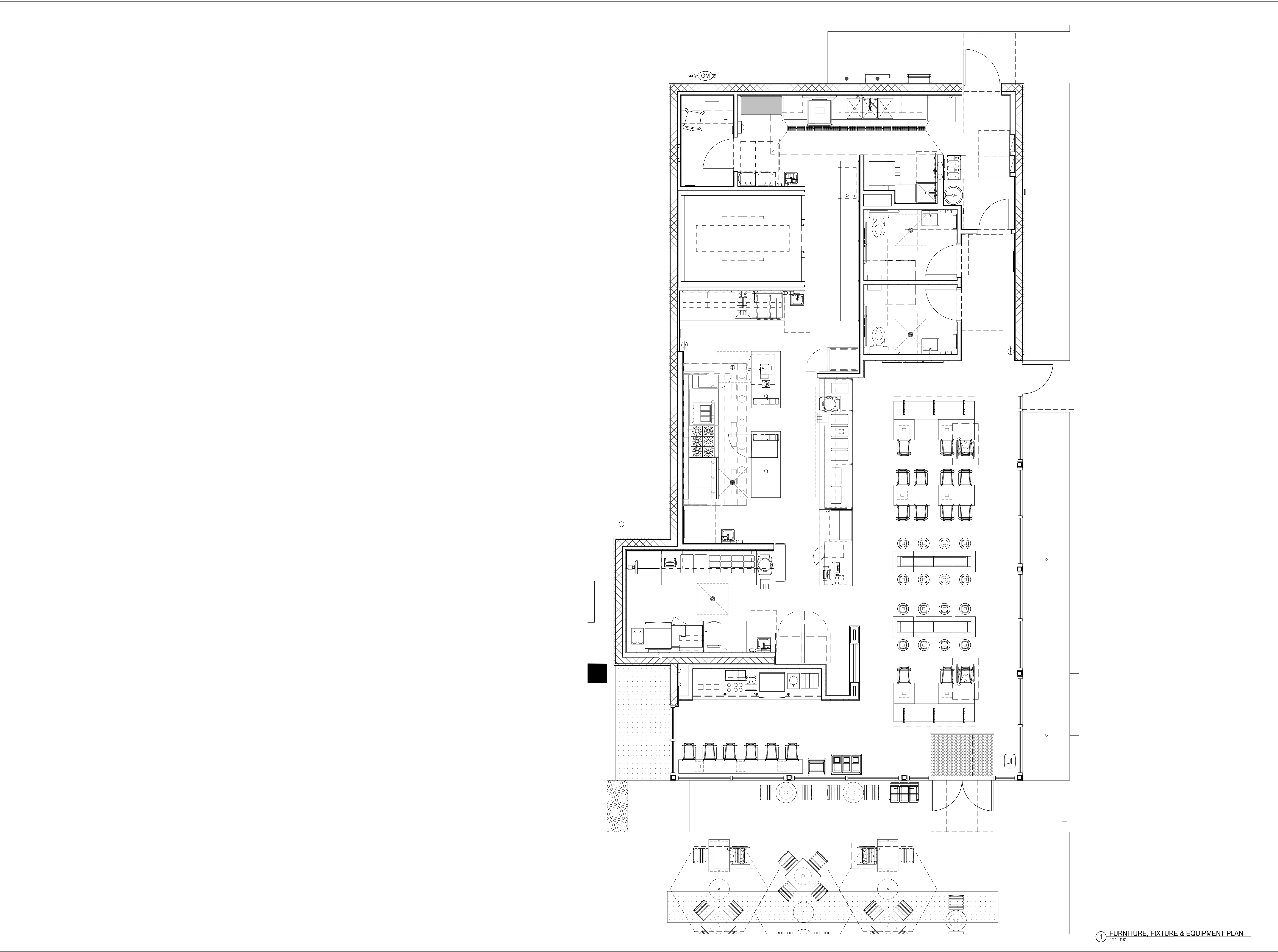
Fixtures, Furniture &
Equipment Plan

A130



1 FURNITURE, FIXTURE & EQUIPMENT PLAN
1/4" = 1'-0"





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Furniture, Fixtures &
Equipment Plan

A130-P

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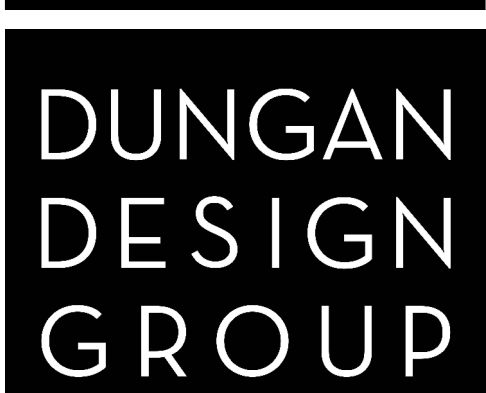
A131

MISC. EQUIPMENT LIST

TAG	DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	ELEC	GAS	UTILITY WATER	SEWER	REMARKS
1	Point of Sale Display	1	TMS	GC					Installed at POS Station
2	Point-Of-Sale System	2	T	TCC					Coordinate Requirements With Tenant and Elec. Drawings
4A	B-Rate (Standard Safe)	1	TS	GC					Installed in Office
4C	Smart Safe	1	TSS	TSS	•				To Be Installed On Curb Under Serveline, Bolt to Curb Under Serveline POS
5C		2	SPS	SPS	•			•	Drain to Floor Sink, Tenant Millwork Supplier to Provide (2) Adjustable Legs to Support Dispenser From Under The Utensil Counter
6	Soda System Syrup Rack with Carbonator on Stainless Steel Shelf	1	SPS	SPS	•		•		
7A	Bulk CO2 Tank	1	CO2	CO2	•				GC To Secure Cylinders To Wall With Grade 30 Galvanized Steel Chain At 2/3 The Height Of The Cylinder, Attach To Wall With Stainless Steel Quick Link And Screw Eye
8A	Gas Tankless Water Heater	2	GC	GC		•	•	•	Drain Water Heater To Floor Drain, RE: Mech.
9	Mop Sink, See Plumbing Drawings	1	GC	GC			•	•	See Plumbing Drawings
10	Touch-Free Soap Dispenser	4	WA	GC					
10.1	Hand Sanitizer Dispenser	5	WA	GC					
10.2	Hand Sanitizer Stand	1	WA	GC					
11	Paper Towel Dispenser, Bobrick B262	4	WA	GC					Provide Plywood Blocking to Mount to Wall
12	First Aid Kit	1	T	GC					Confirm Location With Chipotle CM Prior To Installation
13A	M4.0 - Artwork Panel - Plaster, 2Hx3L Panels, Start Pattern At Column 1	1	TAS	GC					
14	License Frame	1	T	GC					Provide Plywood Backing In Wall At License Frame Location
16A	Fire Extinguisher Type ABC - B456	2	GC	GC					Locate per Fire Marshal, provide plywood backing
16B	Fire Extinguisher Type K	1	GC	GC					Mount in locations specified by the Fire Marshal. Provide plywood backing at specified locations.
17	Window Shades	2	WS	WS					See Sheet A130 For Location & Size (When Used)
19	Hat & Coat Strips (Not Shown)	1	WA	GC					Provide Plywood Blocking to Mount to Wall
20	2-Drawer File Cabinet, By Tenant	1	T	T					By Tenant
22	Water Softener	1	KES	GC			•	•	See MEP Sheets For Details
24	iPad Wall Station	2	T	GC	•				Tablet By Tenant
28	Mop Strip (Not Shown)	1	T	GC					Provide Plywood Backing To Mount To Wall, 2 Hole At Mop Basin and 6 Hole In Kitchen
31A	21inx31in Menu System	1	TMB	GC					
32	CO2 Alarm	1	CO2AS	GC	•				Mount At 18" AFF, Refer to Electrical Drawings for Additional Details
33A	M4.0 - Pick-Up Sign - Single Faced - Flush Mounted - Face	1	TSV	GC					

FURNITURE LIST

TAG	DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	ELEC	GAS	UTILITY WATER	SEWER	REMARKS
1E	M4.0 - Table 24x24in - Rectangular Base	2	TMS	GC					
1F	M4.0 - Table 24x42in, Rectangular Base (Accessible)	4	TMS	GC					See Detail On A130
1H	M4.0 - Community Table - Low - Window - Length Varies	1	TMS	GC					
2G.1	M4.0 - Bar Height Table 8-Top, With Footrest	2	TMS	GC					One Coat Hook Per Two Seats, Confirm Mounting Location With Shop Drawings
3C.1	M4.0 - Dining Room Chair	20	TMS	GC					
3E	M4.0 - Bar Stool - Fixed	16	TMS	GC					Align Seat With Seam Perpendicular To Table Edge
4P.1	Banquette Bench (Black) - Floor Mount	2	TMS	GC					
6C	M4.0 - Beverage Counter - With Trash - 4" Splash - 149"	1	TMS	GC				•	Coordinate Floor Drain Installation with Utensil Counter Installation, Bins Provided by Tundra in Smallwares Package, Install Hooks on Back of Doors
10	Child's High Chair	1	T	GC					
11	Office Chair, By Tenant	1	T	T					By Tenant
12	Patio Chair - Bistro	24	KES	GC					Provided by EMU America, Contact: Carol Hughes (303-744-3200)
13A	24in Round Bistro Table	4	KES	GC					Provided By EMU America, Contact: Carol Hughes (303-744-3200)
13B	30in Square Bistro Table	3	KES	GC					Provided By EMU America, Contact: Carol Hughes (303-744-3200)
14A	3 Bin Trash/Recycling Surround - Exterior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
14C	M4.0 - 3 Bin Trash/Recycling Surround - Interior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
15	Patio Umbrella	3	KES	GC					
16	ADA Patio Table	2	KES	GC					Provided By EMU America, Contact: Carol Hughes (303-744-3200)
17A.2	MOPUS Shelving - 44"	1	TMS	GC					GC To Provide Blocking In Walls At The Ends Of The MOPUS Shelf To Secure Shelves, Wood Edge Of The Shelves To Face The Dining Room



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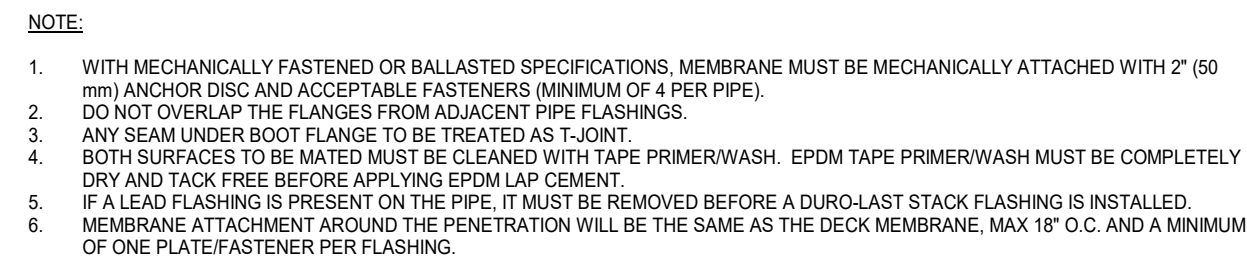
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△ 02/05/2024	Construction Set
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Fixtures, Furniture &
Equipment
Schedules

A132

DESCRIPTION	SUPPLIED BY	INSTALLED BY	UTILITY				REMARKS
			ELEC	GAS	WATER	SEWER	
EXHAUST FANS & CURBS	HS	GC	•				CURB FURNISHED BY HS, INSTALLED BY GC
MAKE UP AIR UNIT & CURBS	HS	GC	•	•	•	•	CURB FURNISHED BY HS, INSTALLED BY GC
ROOF TOP UNITS & CURBS	HES	GC	•	•	•	•	CURB FURNISHED BY HS, INSTALLED BY GC
TEST & BALANCE SYSTEM	TAB						FURNISH HVAC TEST & BALANCE PER TENANT'S NATIONAL ACCOUNT PROGRAM

1. RE: STRUCTURAL DRAWING FOR LOCATIONS & SIZE OF STRUCTURAL ROOF REINFORCEMENTS.
2. RE: MECHANICAL PLANS FOR ROOF TOP EQUIPMENTS.
3. COORDINATE ALL ROOF PENETRATIONS, FLASHING AND REPAIR WITH TENANT ROOF TOP EQUIPMENT FOR TO COMMENCEMENT OF WORK.
4. DIMENSIONS ARE TO THE OUTSIDE FACE OF CURBS AND ARE FOR REFERENCE ONLY. EQUIPMENT WITHOUT CURBS ARE DIMENSIONED TO THE CENTER OF THE EQUIPMENT. CONTRACTOR TO ADJUST AS NECESSARY IN FIELD TO MAINTAIN WORKING CLEARANCES AND TO COORDINATE BEST WITH THE OTHER TRADE MEMBERS. CONTACT ARCHITECT FOR ANY NECESSARY MODIFICATIONS TO LAYOUT, TRUSSES FOR THE SHELL BUILDING WERE DESIGNED FOR THE RTU WEIGHTS AND PLACEMENTS EXHIBITED. IF THE LOCATION OR ORIENTATION OF A UNIT MUST CHANGE, NOTIFY ARCHITECT IMMEDIATELY.
5. RE: RTU'S FOR PENETRATION DETAILS AT RTUS, MAIL AND SERVICE ENTRANCES.
6. LANDLORD SHALL PROVIDE ROOF STRUCTURE CAPABLE OF SUPPORTING ALL ROOF-SUPPORTED EQUIPMENT, INCLUDING (2) TRUS, MAKE-UP AIR UNIT, HOOD EXHAUST FAN, GREASE EXHAUST HOOD, RESTROOM EXHAUST FAN, AND (3) CONDENSING UNITS PER CODE.
7. RE: 3/16" FOR TYPICAL CURB FLASHING DETAIL.
8. RE: 3/16" FOR TYPICAL FLASHING DETAIL.
9. PROVIDE INSULATED CURBS FOR ALL EQUIPMENT IN EXPOSED DECK AREA ONLY.
10. PROVIDE TAPERED INSULATION CRACKLET AT ALL EQUIPMENT CURBS.
11. PROVIDE ROOF HYDRANT, RE: PLUMBING DRAWINGS.
12. ALL UNUSED ROOF TOP EQUIPMENT TO BE REMOVED, PATCH ROOF AS NECESSARY, IF APPLICABLE.
13. TO MAINTAIN ORIGINAL WARRANTY WERE PROVIDED, USE OF ORIGINAL ROOF CONTRACTOR.
14. PAINT EXTERIOR EXPOSED GAS PIPING PER SPEC SECTION 09090.
15. PROVIDE ROOF TOP WALKING PADS FOR ROOF MANUFACTURER REQUIREMENTS.
16. LOCATE ALL MECHANICAL UNITS SO DUCT DROPS BETWEEN TRUSSES. NOTIFY ARCHITECT IMMEDIATELY IF ANY UNITS NEED TO SHIFT FROM PLAN LOCATIONS SHOWN.



NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. USE PREFABRICATED OUTSIDE CORNERS.
4. PERIMETER FASTENING OF THE DECK MEMBRANE WILL BE THE SAME FASTENING PATTERN AS THE FIELD MEMBRANE, MAX 18" O.C. AND NO LESS THAN ONE FASTENER PER SIDE.
5. INSULATION MUST BE SECURELY FASTENED.
6. ALL TERMINATION BAR TO HAVE A FASTENER 1" MAX FROM EACH CORNER.
7. *GLASS-FACED POLY ISO INSULATION IS OPTIONAL AND MAY NOT BE REQUIRED ON EVERY PROJECT IF INSULATION IS NOT REQUIRED. THE MEMBRANE MUST BE ADHERED TO AN APPROVED SURFACE.

[illegible]

A140

SPEAKER SCHEDULE

ITEM #	QTY	DESCRIPTION	COLOR/FINISH	MOUNT	REMARKS
SP1	4	DINING ROOM SPEAKER	BLACK	SUSPENDED	REFER TO A210 & E110 FOR DETAILS

SECURITY SYSTEM

DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	ELEC	GAS	SEWER	WATER	REMARKS
SECURITY MONITOR	1	SSS	SSS	•				
SECURITY ALARM - MOTION DETECTORS	1	T.B.D.	T.B.D.	•				GC RESPONSIBLE FOR COORDINATING SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES)
72 HR SECURITY DVR	1	SSS	SSS	•				
CLOSED CIRCUIT T.V. CAMERA - OUTDOOR	2	SSS	SSS	•				INSTALL AT 9'-0" U.N.O.
CLOSED CIRCUIT T.V. CAMERA - INDOOR	6	SSS	SSS	•				

GENERAL NOTES

- ALL INTERIOR LIGHT FIXTURES AND LAMPS PROVIDED BY TLS. INSTALLED BY GC.
- ALL INTERIOR LIGHT FIXTURES AND LAMPS INSTALLED BY GC. GC TO COORDINATE PRESSURE TEST AND VROGUARD WITH ENVIRONMENT.
- KITCHEN EXHAUST HOOD PROVIDED BY HS. INSTALLED BY GC. GC TO COORDINATE PRESSURE TEST AND VROGUARD WITH ENVIRONMENT.
- ANSUL BOX AND FIRE SUPPRESSION SYSTEM PROVIDED BY AND INSTALLED BY HS. HOOD INTERLOCK AND ELECTRICAL CONNECTION BY GC. RE: ELECTRICAL DRAWINGS.
- MENU BOARD ASSEMBLY PROVIDED BY TMB. INSTALLED BY GC.
- PROVIDE BLOCKING IN CEILING ABOVE MENU BOARD FOR INSTALLATION.
- RE: "09900 PAINTING - GENERAL" IN SPECIFICATIONS FOR FINISHES AT EXPOSED CEILING AREAS IN ADDITION TO NOTES LISTED ON THIS SHEET AND A120.
- UNISTRUT TO BE LEFT UNPAINTED. PROVIDE MATCHING CLOSER STRIPS AND END CAPS. CLOSER STRIP TO BE APPLIED TO THE UNDERSIDE OF THE UNISTRUT.
- RE: A701 & A702 FOR PENDANT & WALL-MOUNTED FIXTURE INSTALLATION HEIGHTS.
- LIGHT DETAILS ARE LOCATED ON SHEET A210. FIXTURE AND LAMP SPECIFICATIONS ARE LOCATED ON E100.
- ALL UNISTRUT SUPPORTING CEILING ELEMENTS AND/OR DUCT WORK SHALL NOT CONTAIN ANY ELECTRICAL CONDUIT. ALL ELECTRICAL CONDUIT MUST RUN IN SEPARATE UNISTRUT.
- ALL UNISTRUT, CONDUIT, SPRINKLER & WATER LINES SHALL BE INSTALLED TO THE BOTTOM OF THE DECK OR AS SHOWN IN DETAILS & LEFT UNPAINTED.
- ALL DIMENSIONS ARE TO FACE OF WALL SHEATHING OR CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
- SEE ELECTRICAL DRAWINGS FOR SHATTER RESISTANT LAMP LOCATIONS.
- ALL EMERGENCY FIXTURES, LIGHTS AND STROBES SHALL BE ALIGNED OR CENTERED ON WALLS.
- FULL CERAMIC TILE COURSING SHALL TAKE PRECEDENT OVER CEILING/HEADER DIMENSION INDICATED. ACTUAL HEADER AND CEILING HEIGHT IN FRONT KITCHEN AREAS TO BE ADJUSTED IN FIELD SO THERE ARE FULL TILES BETWEEN TOP OF BASE AND FINISHED CEILING OR HEADER.
- ALL CONDUIT AND PIPE PENETRATIONS OF THE SERVING LINE SOFFIT ARE TO BE HELD TIGHT TO THE DECK. PLEASE CONSULT WITH CHIPOTLE CM IF ANY CONFLICTS ARISE.
- BATT INSULATION IS TO BE INSTALLED ABOVE THE RESTROOM CEILING WHEN THE SURROUNDING WALLS DO NOT GO TO DECK AND THE CEILING IS OPEN TO THE DINING ROOM SPACE.
- LAY-IN CEILING PENETRATIONS TO BE HELD TIGHT TO WALLS, RE: 4/A210 & PLUMBING DRAWINGS.
- RE: STRUCTURAL DRAWINGS FOR HOOD SUSPENSION DETAILS.
- ALL EXTERIOR BUILDING MOUNTED AND PATIO LIGHT FIXTURES AND LAMPS PROVIDED BY TLS. INSTALLED BY GC.
- PARKING LOT LIGHT FIXTURES AND LAMPS PROVIDED AND INSTALLED BY GC.
- EXTERIOR PATIO LIGHT FIXTURES AND LAMPS, WHEN PART OF SCOPE, PROVIDED BY TENANT'S LIGHT/LAMP SUPPLIER, INSTALLED BY GC.
- SECURITY CAMERA LOCATIONS ARE APPROXIMATE LOCATIONS. RE: ENVISION INSTALLATION GUIDE FOR SPECIFIC LOCATIONS.
- RE: A120 FOR FINISH SCHEDULE.
- ALL CEILING HEIGHTS NOTED ON THE PLAN ARE TO BOTTOM OF FINISHED CEILING.
- RE: 6/A500 FOR BULKHEAD & SUSPENDED GYPSUM BOARD DETAIL.
- PROVIDE TEN FOOTCANDLES OF SHIELDED LIGHT THROUGHOUT COOLER, FLUORESCENT LIGHTING FOR COOLER BY MANUFACTURER.
- RE: 10/A210 FOR SUSPENDED CEILING DETAIL.

CONDUIT GUIDELINES

NO FLEXIBLE METALLIC CONDUIT IS ALLOWED IN ANY AREAS WHERE IT WOULD BE EXPOSED TO VIEW. ONLY RIGID METALLIC CONDUIT (THICK-WALL OR THIN-WALL AS NEEDED) IS ALLOWED IN THESE AREAS

RCP SCHEDULE

ITEM #	MOUNT	DESCRIPTION	QTY	REMARKS
A1	LAY-IN	2x2 LED LENSED TROFFER	10	SEE SHEET E100
B1	CEILING	RECESSED BIN CAN LIGHT	7	SEE SHEET E100
B2	CEILING	RECESSED BIN CAN LIGHT	35	SEE SHEET E100
B3	CEILING	M4.0 - RECESSED BIN CAN LIGHT (BLACK)	4	SEE SHEET E100
C0	SURFACE	LOW PROFILE LED 1FT	2	SEE SHEET E100
C2	SURFACE	LOW PROFILE LED 3FT	6	SEE SHEET E100
C3	SURFACE	LOW PROFILE LED 4FT	6	SEE SHEET E100
C4	SURFACE	LOW PROFILE LED 5FT	8	SEE SHEET E100
E1	SURFACE	EMERGENCY LIGHT - DUAL HEAD	3	SEE SHEET E100
E4	SURFACE	WHITE EXIT LIGHT - STANDARD RED LETTERS	3	SEE SHEET E100
E7	SURFACE	EMERGENCY LIGHT - DUAL HEAD	9	SEE SHEET E100
H1	SURFACE	VAPOR PROOF OF HOOD LIGHT	8	SEE SHEET E100
J4	PENDANT	M4.0 - PENDANT LIGHT	2	SEE SHEET E100
P5	PENDANT	M4.0 - PENDANT LIGHT	2	SEE SHEET E100
P6	PENDANT	M4.0 - MULTI-PENDANT LIGHT	1	SEE SHEET E100 & A701
T1	TRACK	TRACK LIGHTING HEAD	14	SEE SHEET E100
T-6	SUSPENDED	M4.0 - TRACK 6'	4	SEE SHEET E100
T-8	SUSPENDED	M4.0 - TRACK 8'	1	SEE SHEET E100



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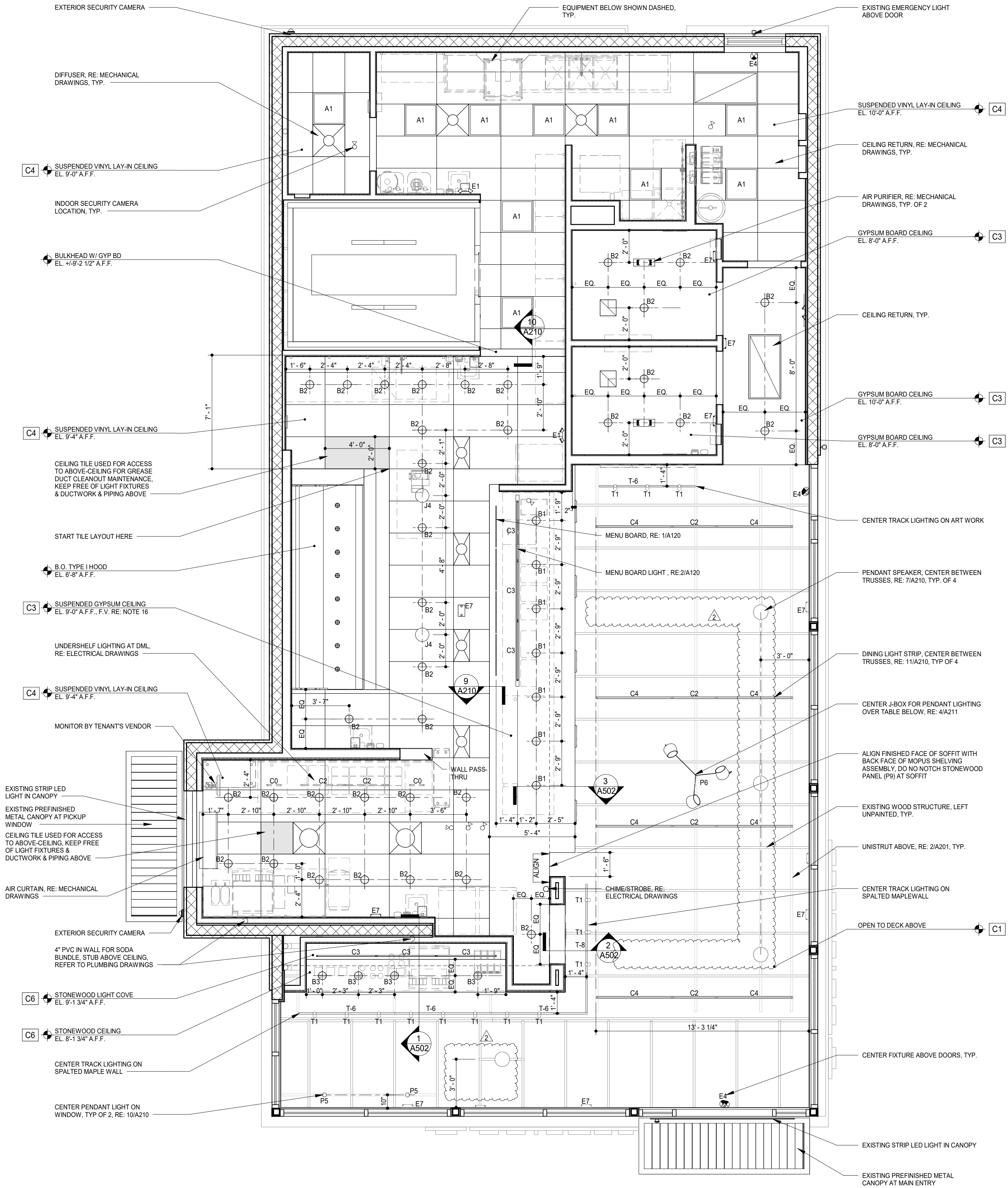
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	02/05/2024	Construction Set

Revisions:	
02/05/2024	Construction Set

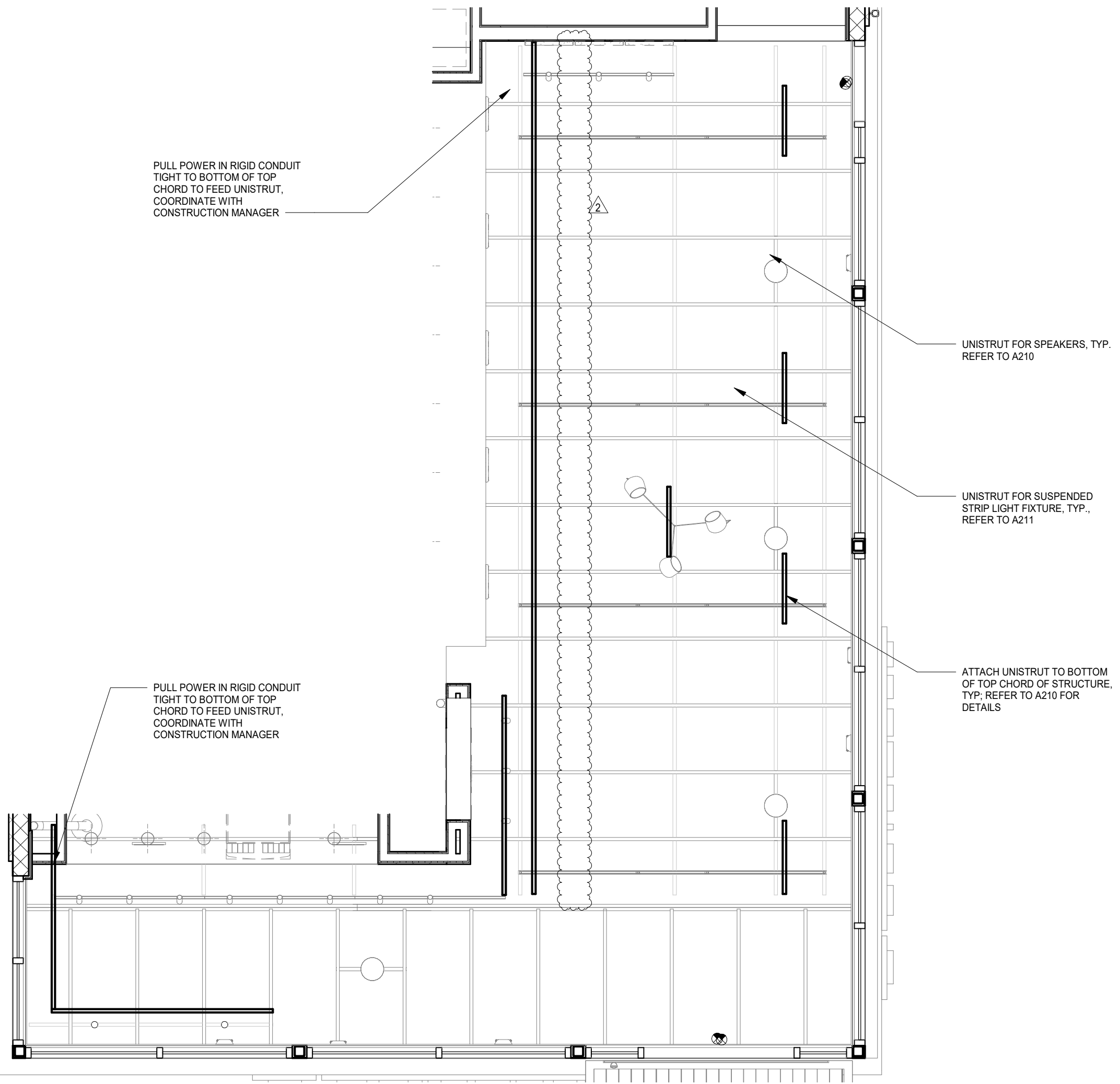
Project No.
01673

Reflected Ceiling
Plan

A201



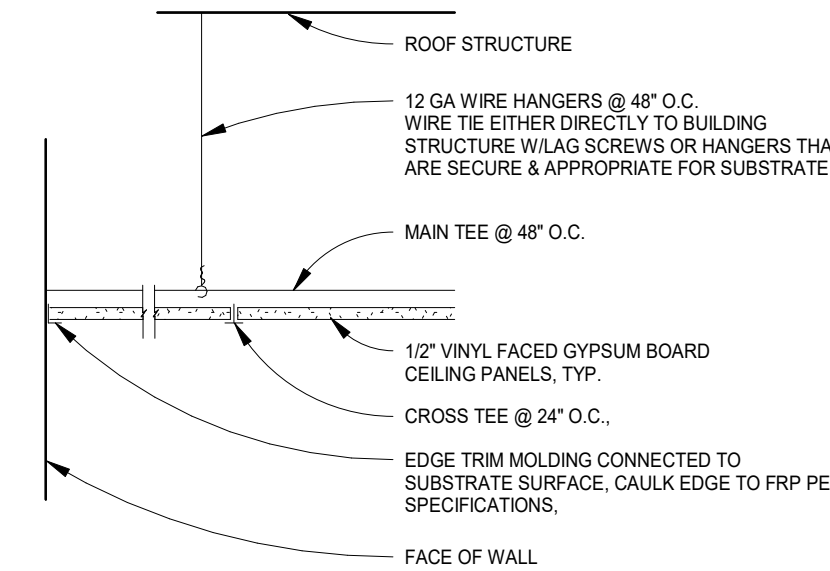
1 REFLECTED CEILING PLAN
1/4" = 1'-0"



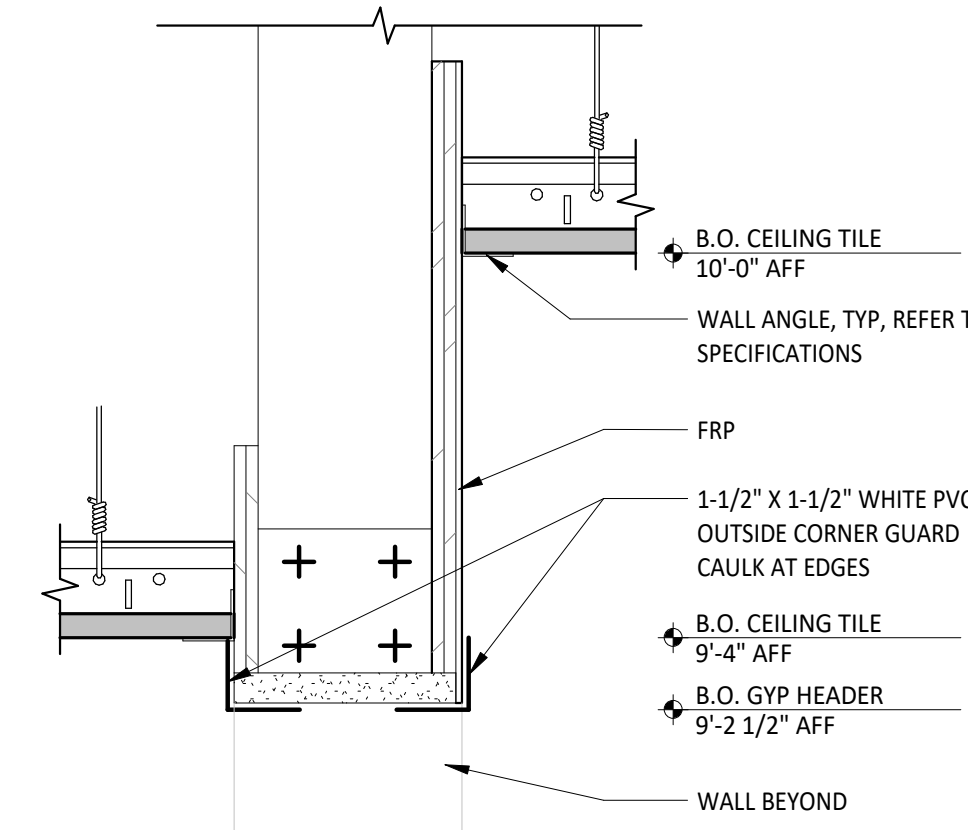
2 UNISTRUT LAYOUT PLAN
1/4" = 1'-0"



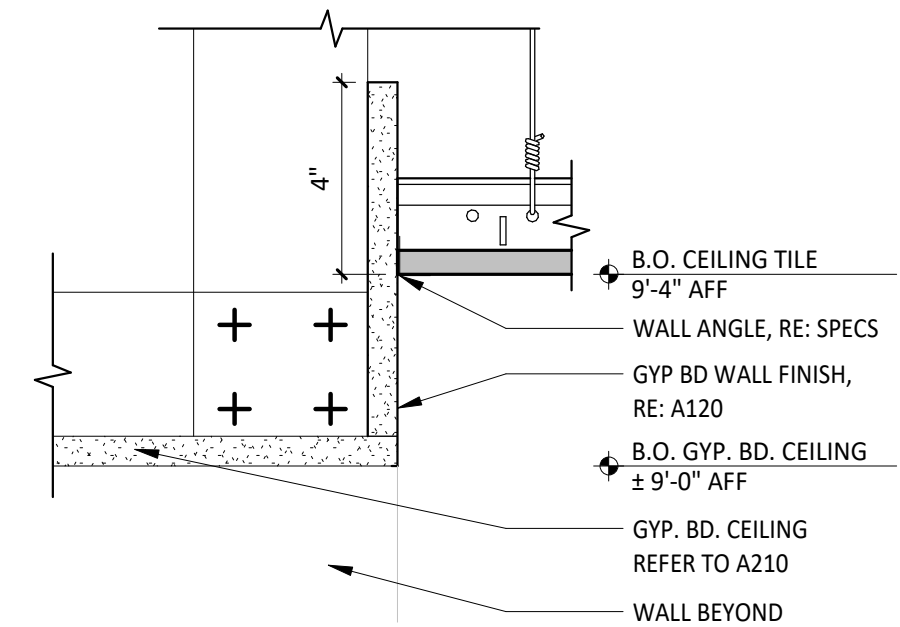
- NOTES:
1. SUSPENSION SYSTEM SHALL COMPLY WITH ASTM C635 & C636
2. INSTALL ACOUSTICAL CEILING MATERIALS & SUSPENSION SYSTEMS IN STRICT ACCORDANCE W/MANUFACTURER'S RECOMMENDATIONS, COMPLYING WITH GOVERNING REGULATIONS & INDUSTRY STANDARDS APPLICABLE TO THE WORK.
3. SEE SPECIFICATION SECTION 05510 FOR FURTHER INFORMATION.



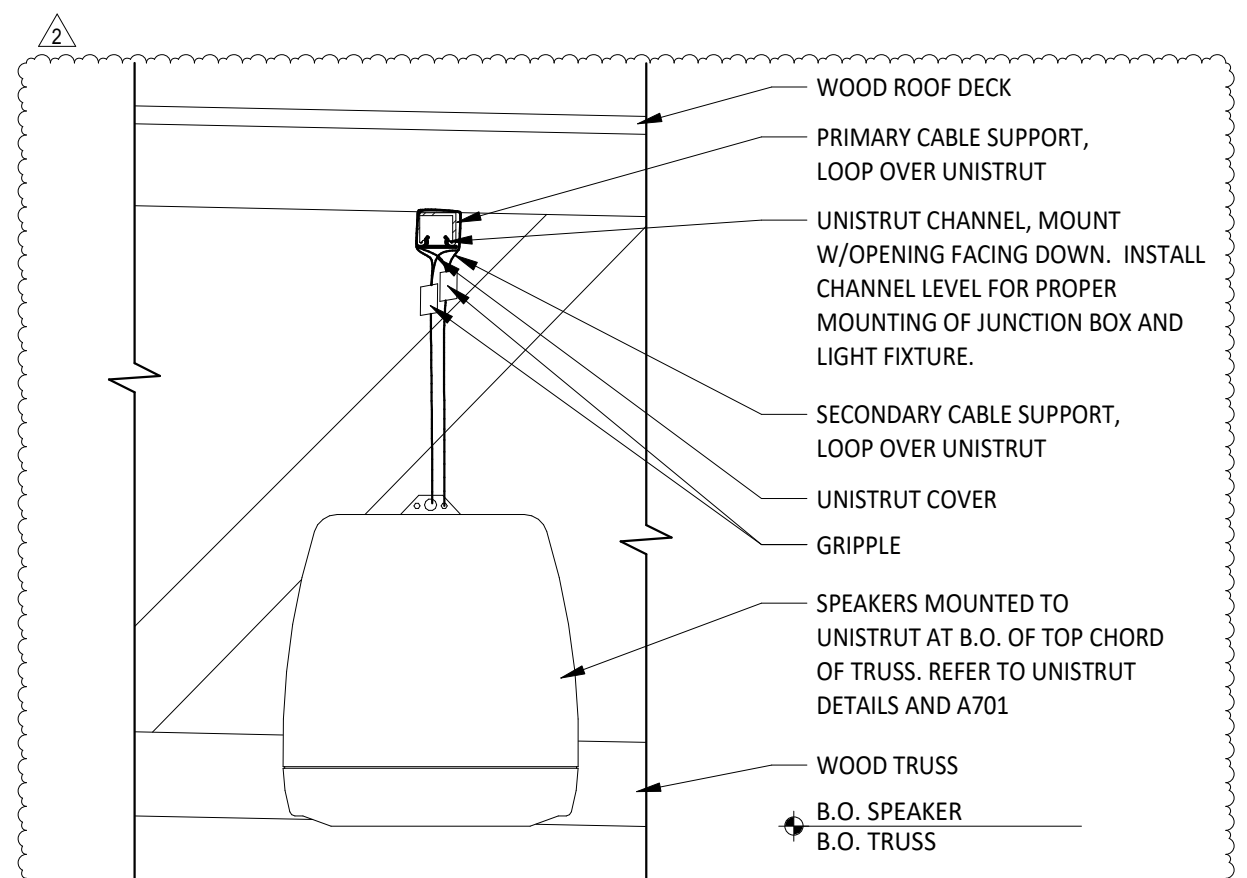
11 SUSPENDED ACOUSTICAL CEILING DETAIL
1 1/2" x 1'-0"



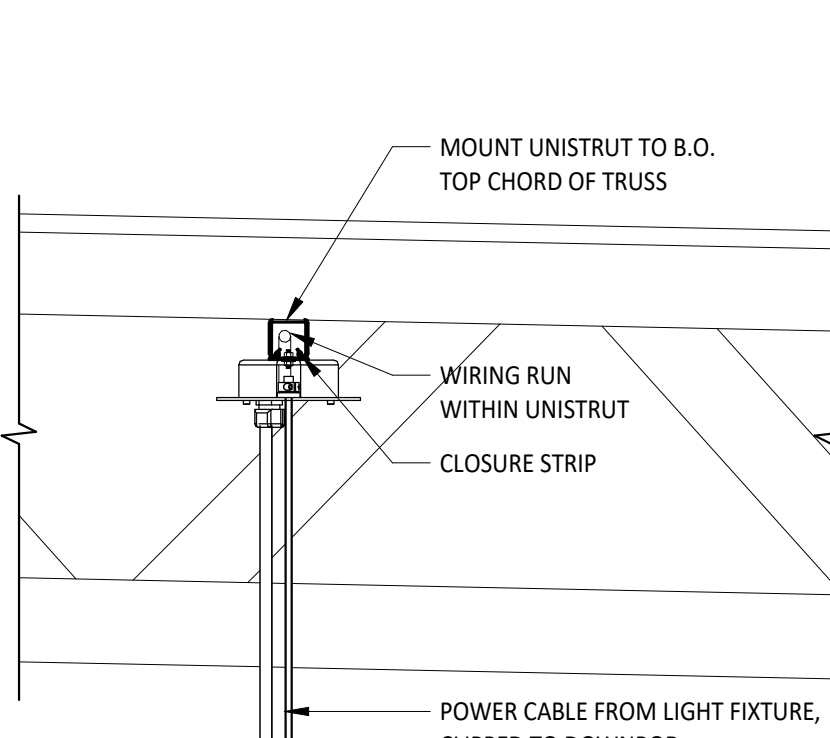
10 KITCHEN CEILING TRANSITION
3' x 1'-0"



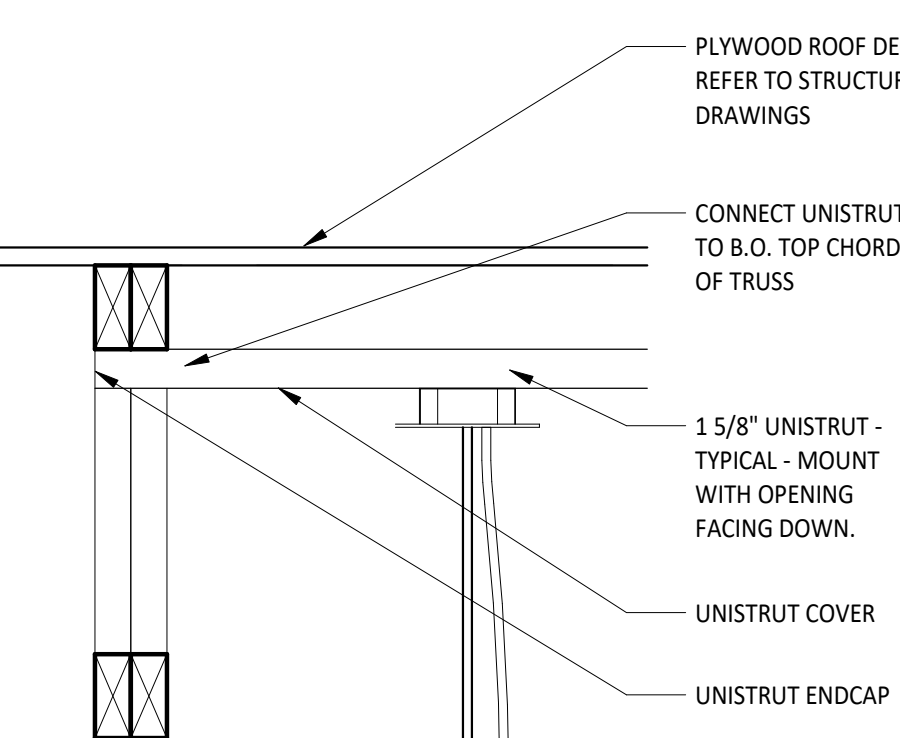
9 KITCHEN CEILING TRANSITION
3' x 1'-0"



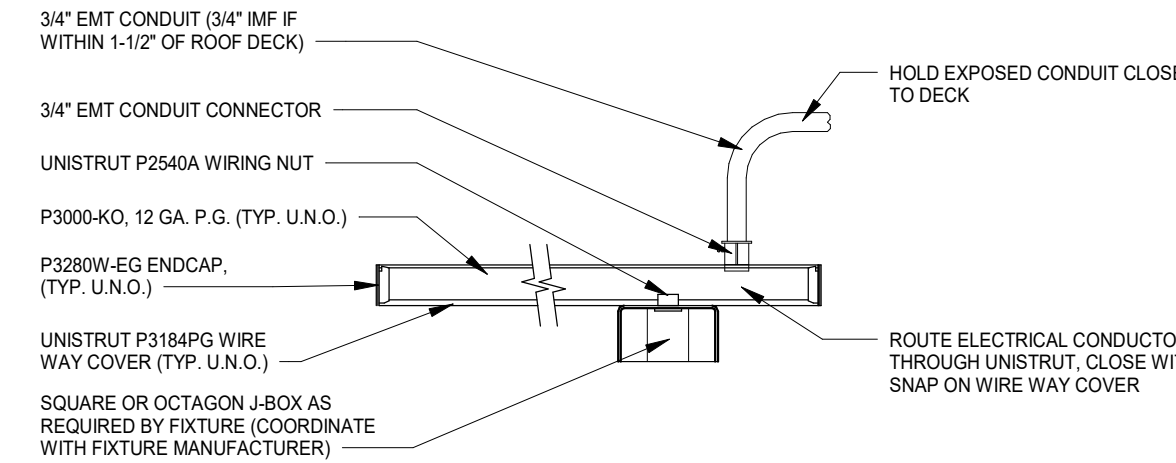
8 SUSPENDED SPEAKER DETAIL
1 1/2" x 1'-0"



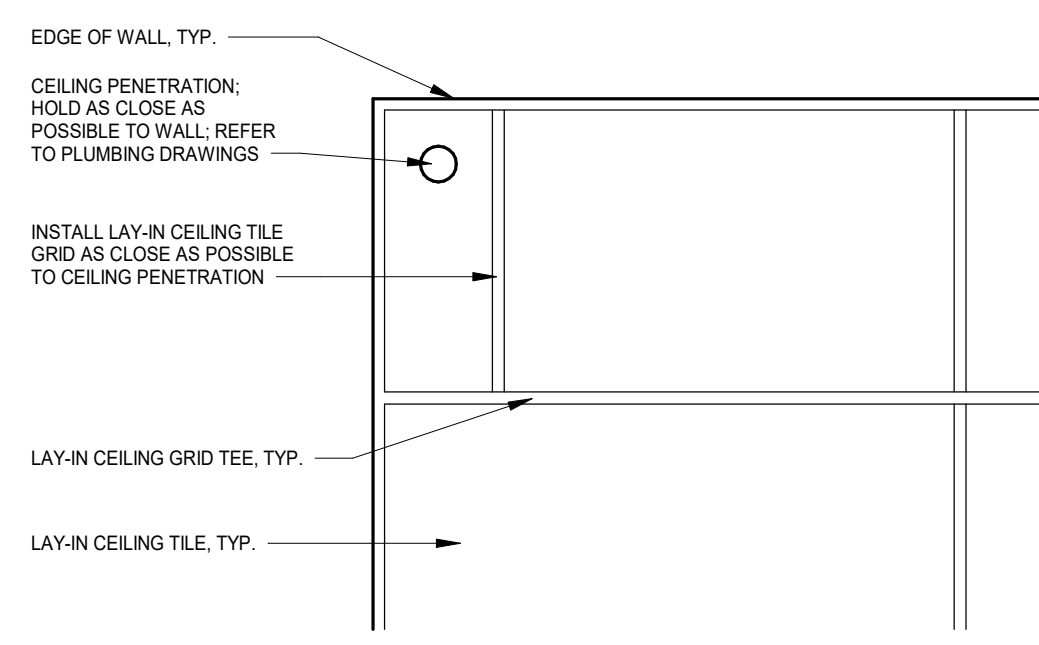
7 UNISTRUT DETAIL
1 1/2" x 1'-0"



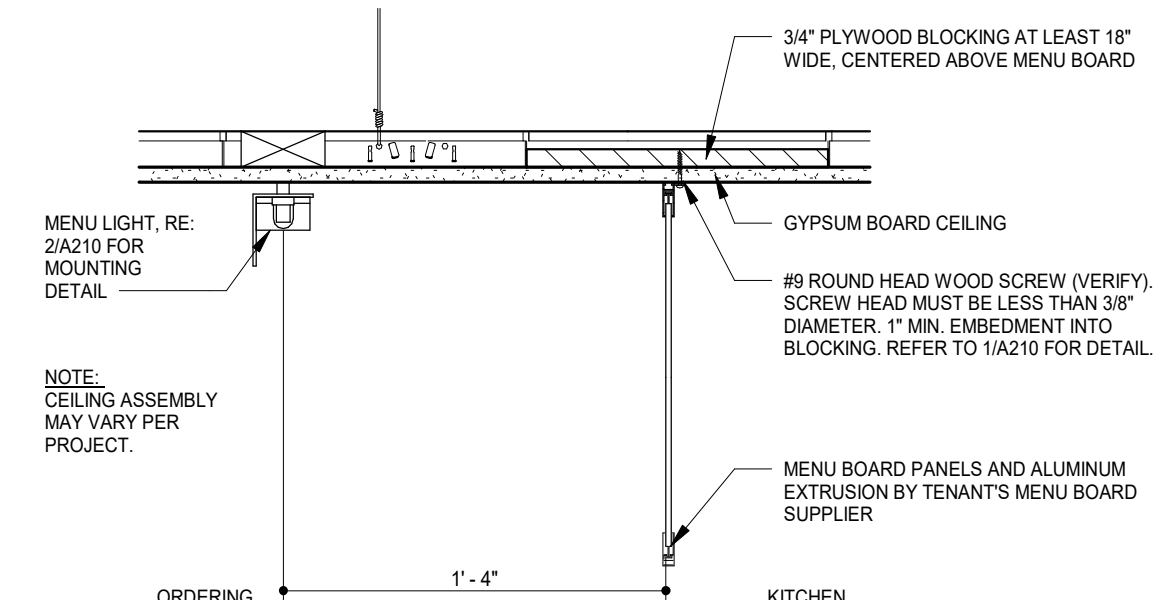
6 TYP. UNISTRUT MOUNTING DETAIL
1 1/2" x 1'-0"



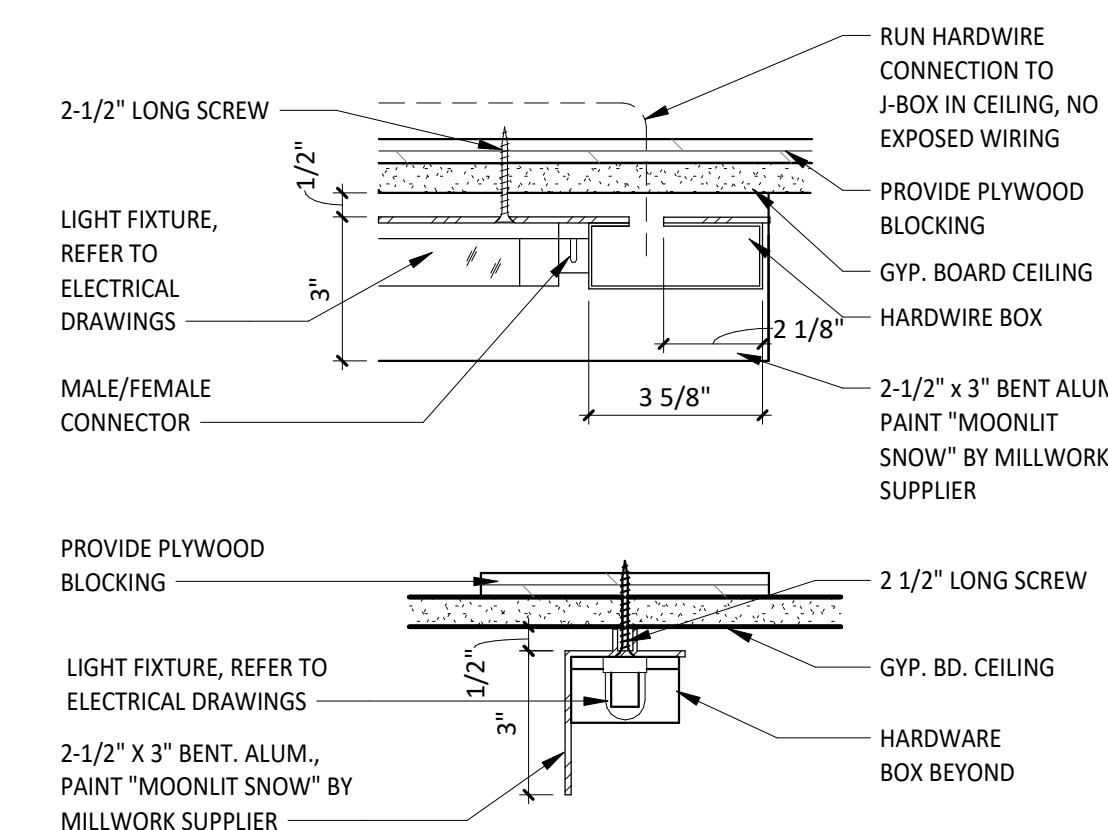
5 UNISTRUT MOUNTING DETAIL
1 1/2" x 1'-0"



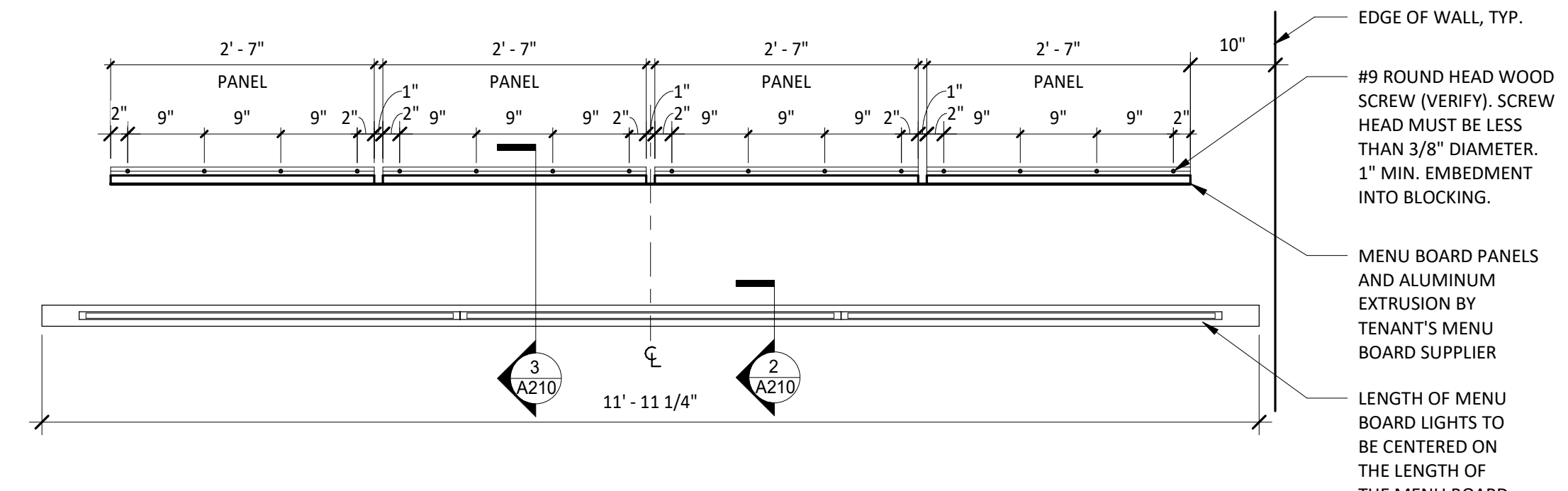
4 LAY-IN CEILING PENETRATION DETAIL
3/4" x 1'-0"



3 MENU BOARD DETAIL
1 1/2" x 1'-0"



2 MENU BOARD / ACCENT LIGHT DETAILS
3' x 1'-0"



1 MENU BOARD SCREW PATTERN PLAN
3/4" x 1'-0"

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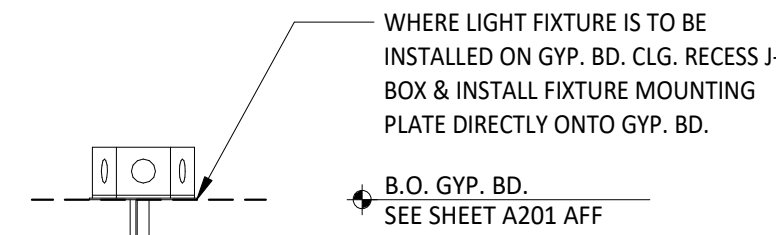
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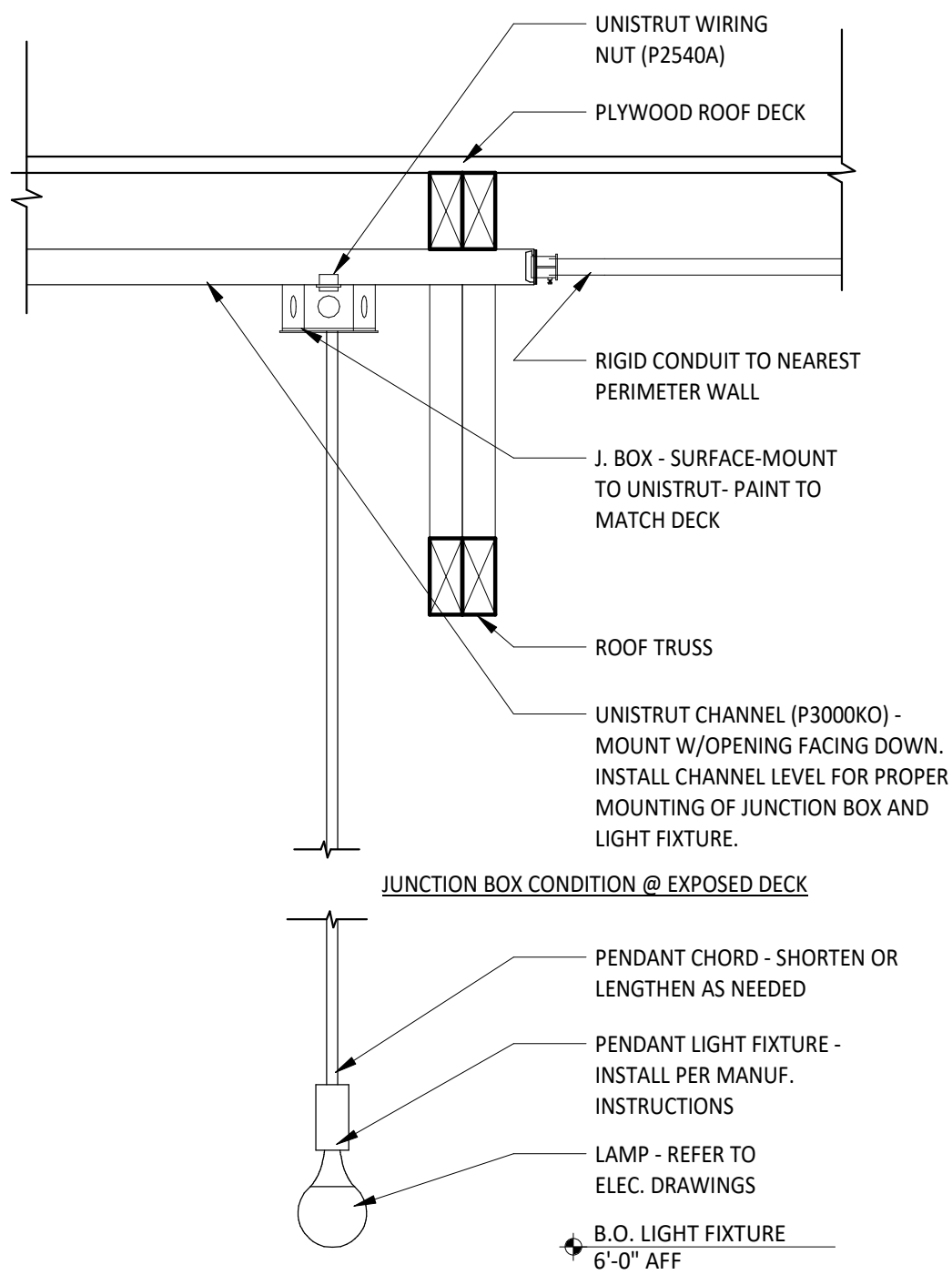
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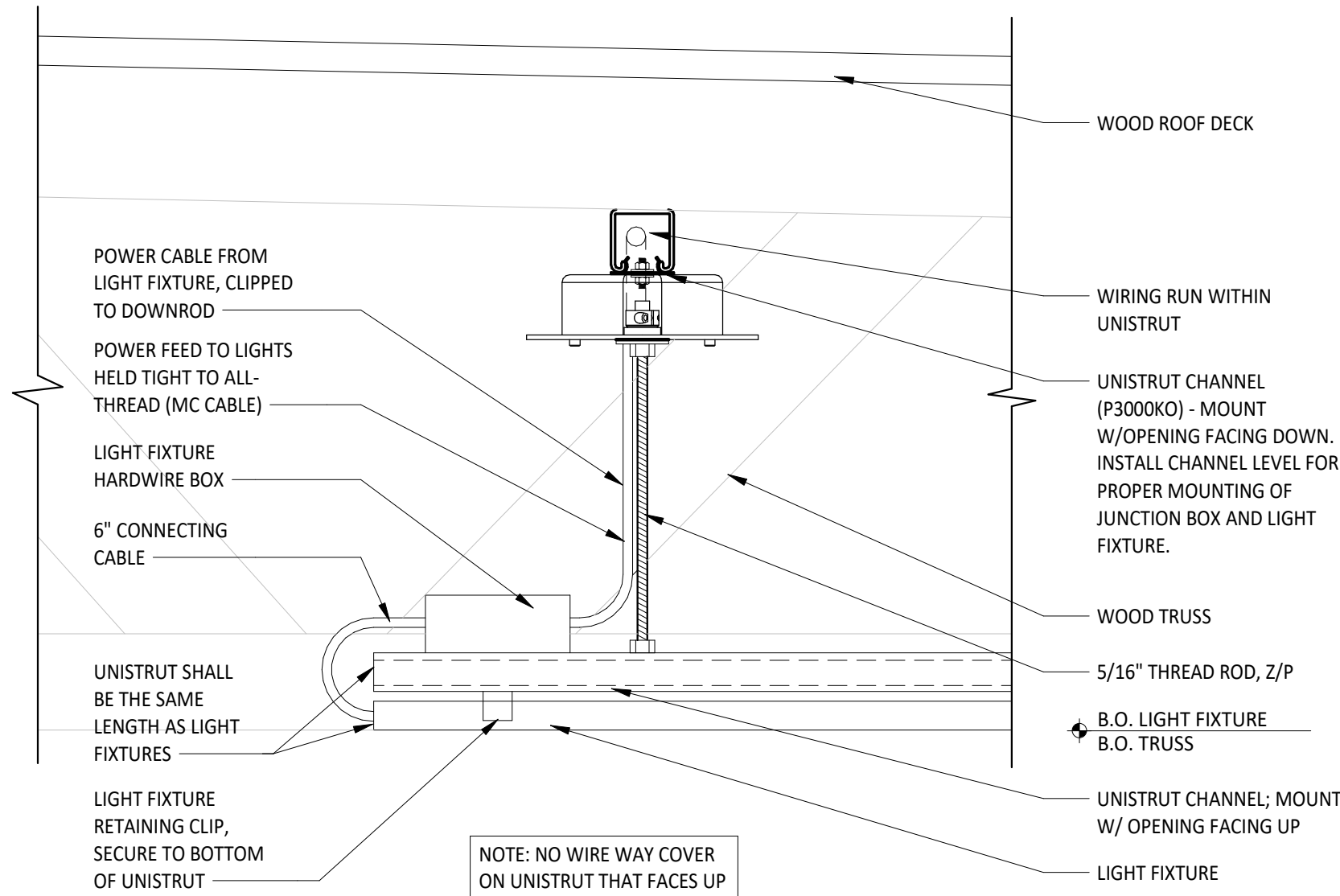
Lighting Details



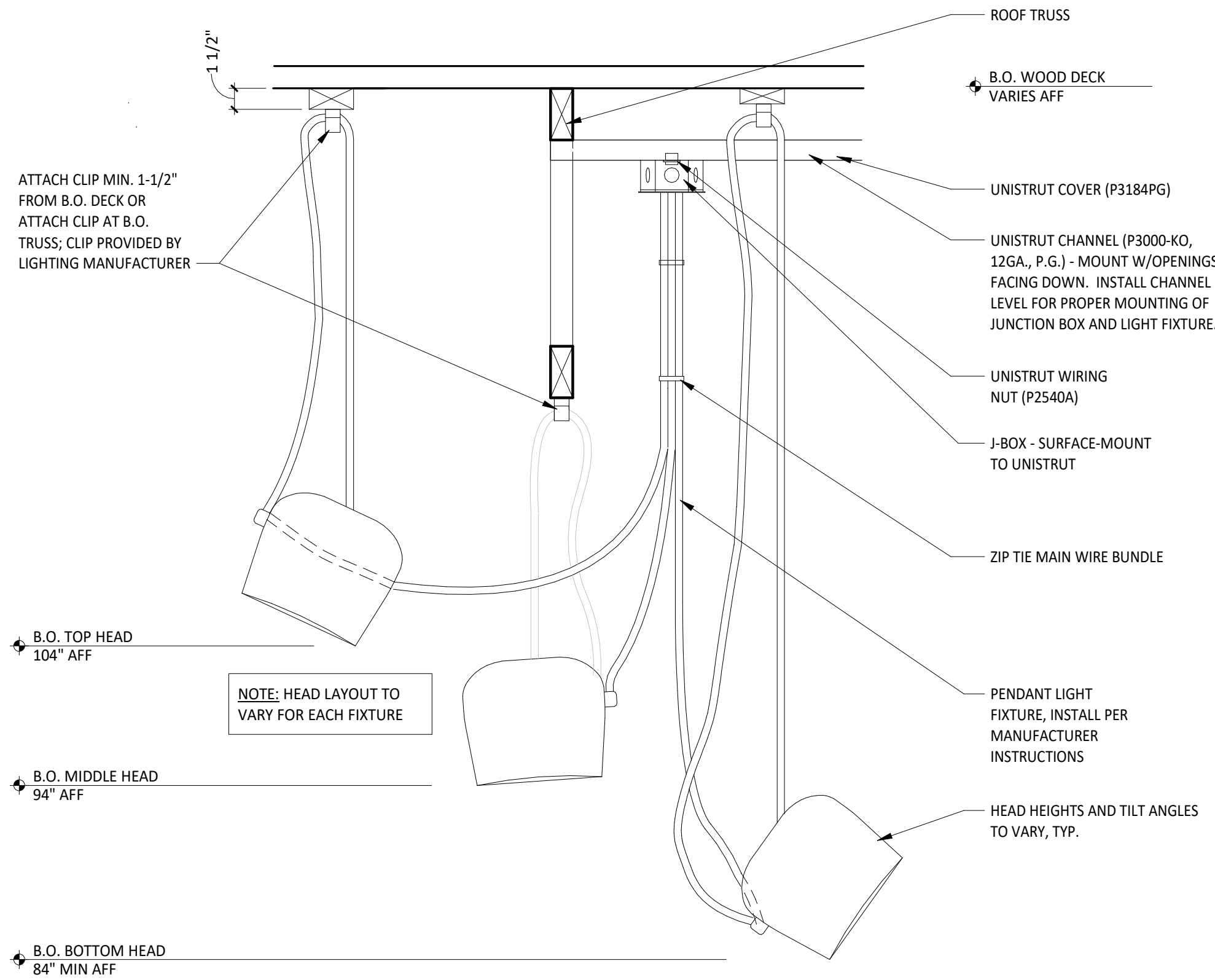
JUNCTION BOX CONDITION @ GYP. BD. CEILING



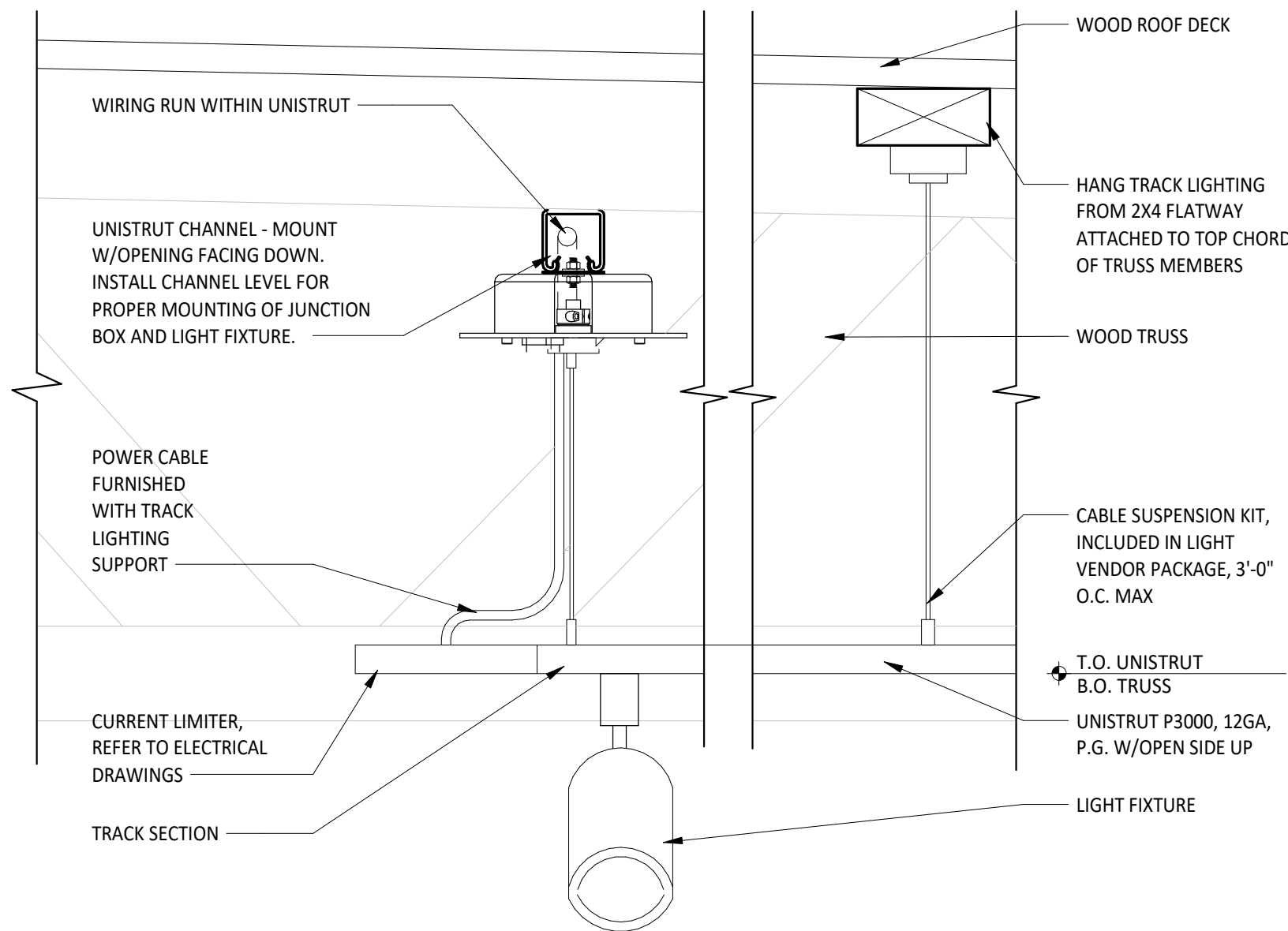
3 PENDANT LIGHT FIXTURE
1 1/2" x 1'-0"



2 SUSPENDED STRIP LIGHT CONNECTION DETAIL
3' x 1'-0"



4 SUSPENDED LIGHT FIXTURE
1 1/2" x 1'-0"



1 SUSPENDED TRACK LIGHT CONNECTION DETAIL
3' x 1'-0"

GENERAL NOTES

- SIGNAGE IS SHOWN ONLY FOR PLACEMENT, SCALE & DESIGN INTENT. ALL SIGNAGE SHALL BE REVIEWED UNDER SEPARATE PERMIT.
 - EXTERIOR SIGNAGE PROVIDED BY TSV AND INSTALLED BY TSV. GC TO MAKE FINAL CONNECTION.
- PATCH AND REPAIR ALL FACADES IN PREMISES WHERE EXISTING SIGNS OR FIXTURES HAVE BEEN REMOVED OR WHERE FACADE HAS BEEN DAMAGED OR IS DISCLOSED.
- ENSURE THAT ALL STOREFRONT HAS CONTINUOUS, CLEAN SEALANT AROUND THE INTERIOR AND EXTERIOR PERIMETER BETWEEN THE STOREFRONT AND THE EXTERIOR WALL FINISHES.
- ALL COMPONENTS NOTED AS "EXISTING" IS EITHER AN EXISTING CONDITION OR NEW WORK THAT WILL BE PERFORMED BY THE LANDLORD UNDER A SEPARATE PERMIT PRIOR TO CHIPOTLE TAKING POSSESSION. ANY COMPONENT NOT NOTED SHALL BE ASSUMED TO BE "EXISTING". ALL COMPONENTS NOTED AS "NEW" IS IN THE SCOPE OF WORK OF THIS PROJECT.

DUNGAN
DESIGN
GROUP

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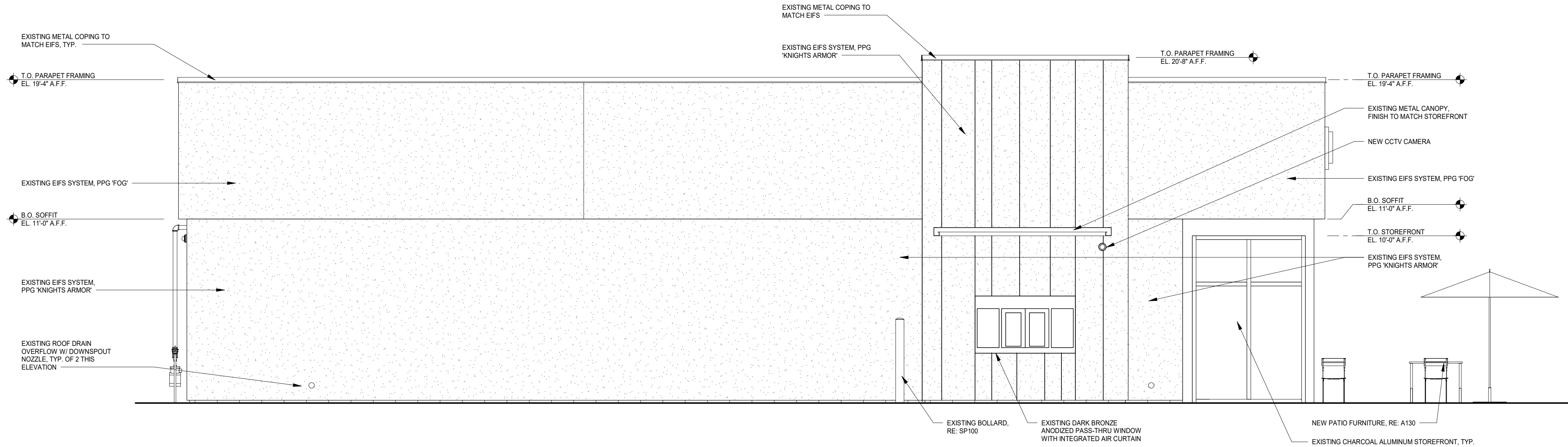
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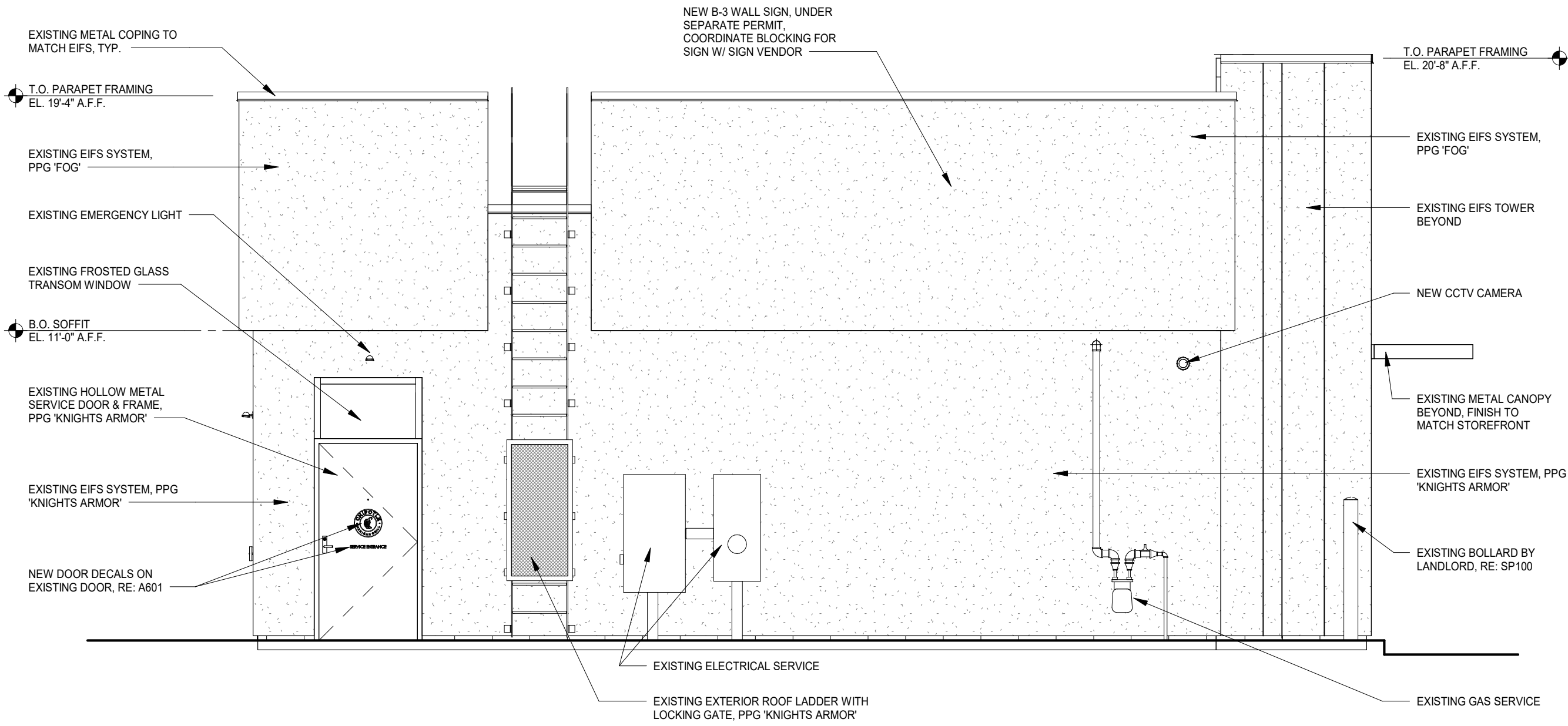
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Exterior Elevations

A301



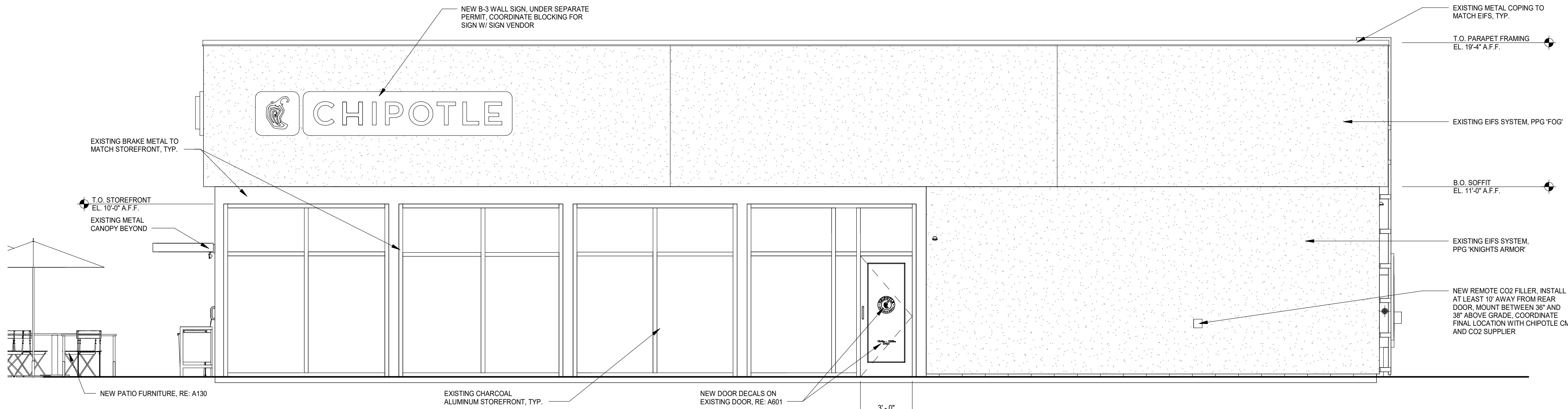
3 BUILDING ELEVATION - EAST
1/4" = 1'-0"



2 BUILDING ELEVATION - SOUTH
1/4" = 1'-0"

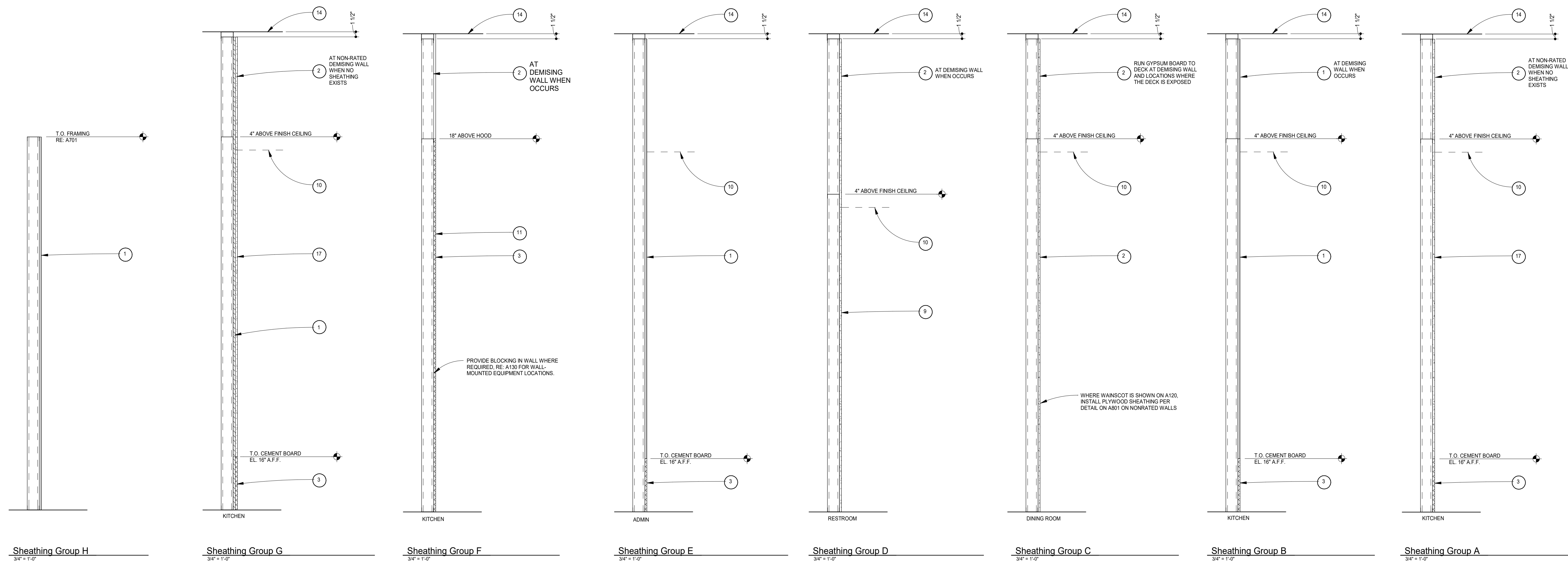


4 BUILDING ELEVATION - NORTH
1/4" = 1'-0"



1 BUILDING ELEVATION - WEST
1/4" = 1'-0"

WALL SHEATHING GROUPS



METAL STUD TABLE

Stud Type	Spacing	Max. Height w/out Tie	Max. Height w/ Tie
PROSTUD 25 15MIL	12" 16"	16'-8" 15'-2"	14'-7" 13'-3"
PROSTUD 22 18MIL	12" 16"	17'-4" 15'-9"	15'-2" 13'-0"
PROSTUD 20 22MIL	12" 16"	18'-11" 17'-2"	16'-6" 15'-0"

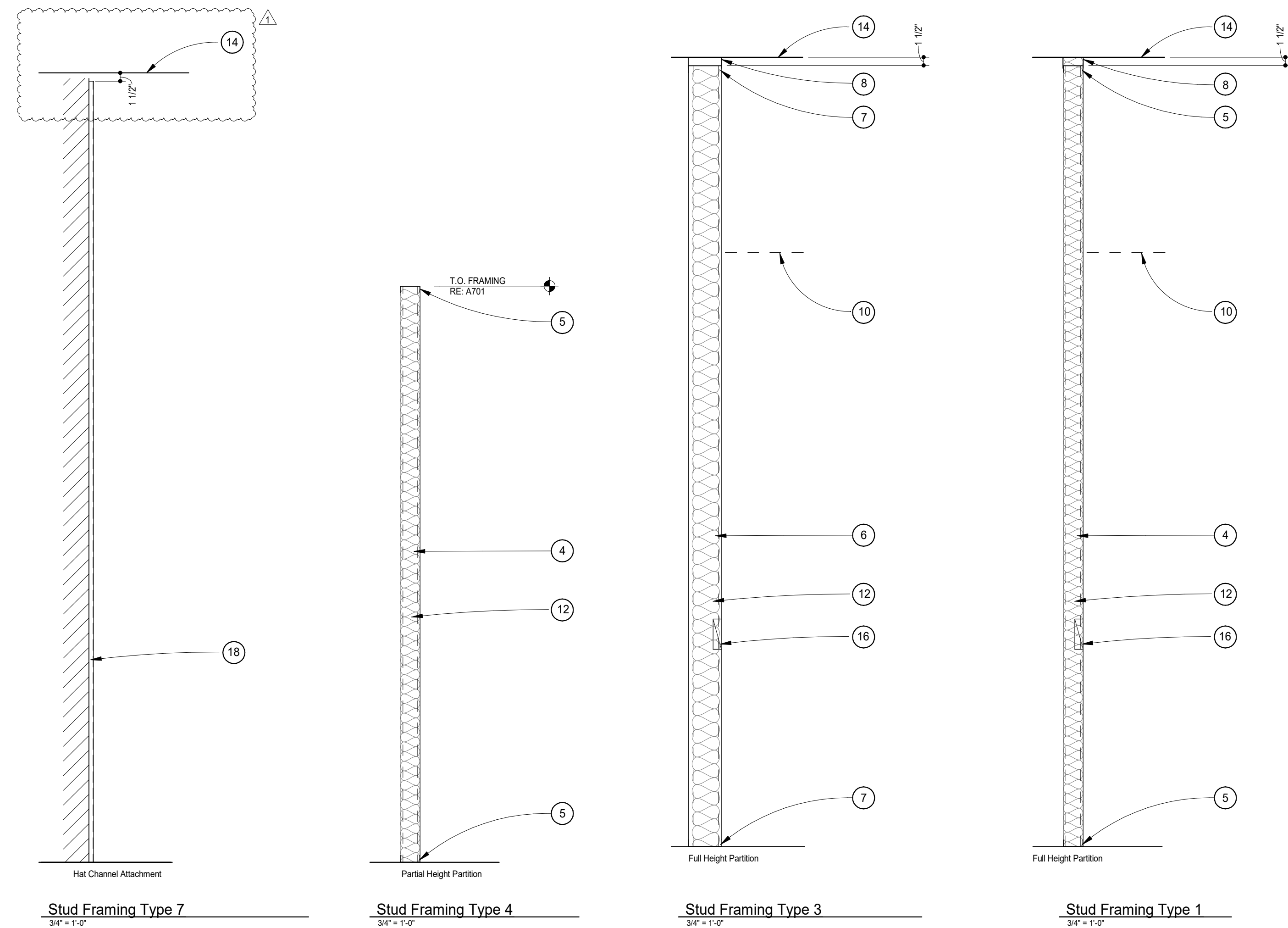
6" METAL STUDS

Stud Type	Spacing	Max. Height w/out Tie	Max. Height w/ Tie
PROSTUD 25 15MIL	12" 16"	22'-8" 20'-8"	20'-6" 18'-7"
PROSTUD 22 18MIL	12" 16"	23'-4" 21'-2"	20'-4" 18'-6"
PROSTUD 20 22MIL	12" 16"	26'-0" 23'-7"	23'-0" 20'-11"

NOTES:

1. RE: STRUCTURAL DRAWINGS FOR BEARING WALLS
2. FOR PENETRATIONS UP TO 3'-0" WIDE THROUGH FRAMED
3. WALLS, PROVIDE A JAMB STUD FOR EACH FULL HEIGHT STUD
4. THAT NEEDS TO BE SHORTENED TO ACCOMMODATE THE
5. PENETRATION, DISTRIBUTING THE EXTRA JAMB STUDS EVENLY
6. ON EITHER SIDE OF THE OPENING. PROVIDE A TRACK SECURING
7. THE TOPS OF WALLS THAT ARE SHORTENED BELOW
8. PENETRATION.
9. METAL STUDS SHALL BE PROTRAP BY DIETRICH BUILDING
10. SYSTEMS OR EQUIVALENT, ES #0171
11. PROVIDE BRACING PER MANUFACTURER
12. STUDS SPECIFIED HAVE 1 1/4" FLANGES

METAL STUD FRAMING TYPES

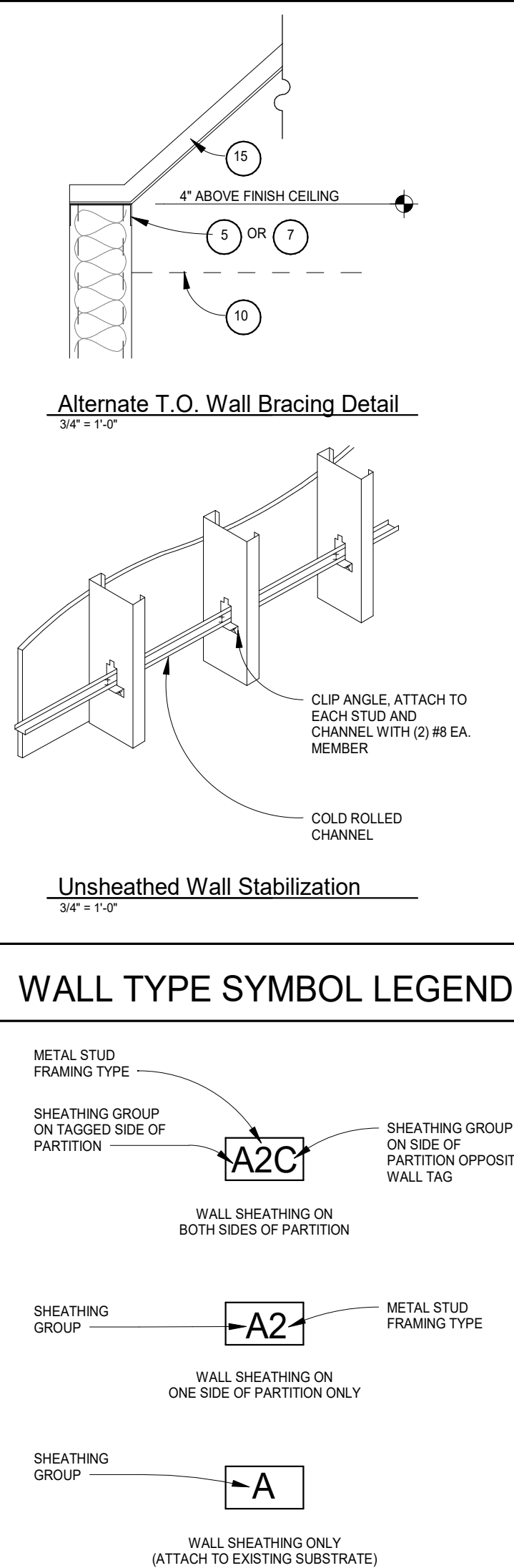


Keynotes

- | | |
|----|---|
| 1 | 5/8" PLYWOOD SHEATHING |
| 2 | 5/8" TYPE 'X' GYPSUM BOARD |
| 3 | 5/8" CEMENT BOARD |
| 4 | 3/8" METAL STUDS, SIZE PER METAL STUD TABLE UNLESS GIVEN ELSEWHERE IN THE DRAWINGS |
| 5 | 3/8" X 1 1/4" 20 GAUGE TRACK |
| 6 | 6" METAL STUDS, SIZE PER METAL STUD TABLE UNLESS GIVEN ELSEWHERE IN THE DRAWINGS |
| 7 | 6" X 1 1/4" 20 GAUGE TRACK |
| 8 | 2 1/2" HIGH, 20 GAUGE SLIP TRACK, OR PROVIDE TOP OF WALL BRACING DETAIL PER THIS SHEET |
| 9 | 5/8" MOISTURE RESISTANT GYPSUM BOARD |
| 10 | FINISH CEILING AS OCCURS - RE: PLANS AND SCHEDULES FOR HEIGHT AND MATERIAL |
| 11 | PROVIDE SHEET OF 24 GAUGE GALVANIZED METAL BEHIND SHEATHING, EXTEND 18" BEYOND EDGE OF HOOD IN ALL DIRECTIONS |
| 12 | 3 1/2" SOUND ATTENUATION BATTS AS OCCURS, UNFACED GLASS FIBER ACUSTICAL INSULATION COMPLYING WITH ASTM C565, TYPE I RE: PLANS FOR LOCATION. |
| 13 | 5 1/2" R-21 THERMAL BATT INSULATION AS OCCURS, KRAFT-FACED GLASS FIBER ACUSTICAL INSULATION COMPLYING WITH ASTM C565, TYPE II, CLASS C - RE: PLANS FOR LOCATION. |
| 14 | BOTTOM OF ROOF OR FLOOR DECK |
| 15 | 3/8" 20 GA METAL STUD BRACING @ 6'-0". SECURE TO TOP TRACK OF WALL AND ROOF STRUCTURE |
| 16 | WOOD BLOCKING IN WALL TO SUPPORT WALL-MOUNTED EQUIPMENT/FURNITURE (EXCEPT AT WALLS WITH PLYWOOD SHEATHING); LOCATION/QUANTITY AS NEEDED TO PROPERLY INSTALL EQUIPMENT/FURNITURE RE: A130 AND INTERIOR ELEVATIONS. |
| 17 | 5/8" DENS-SHIELD GLASS-MAT GYPSUM BACKING BOARD |
| 18 | 7/8" HAT CHANNEL ATTACHED DIRECTLY TO CMU |

GENERAL NOTES

1. ALL WALL SHEATHING SHALL BE ATTACHED TO STUDS AND FLOOR & CEILING RUNNERS WITH A 1/2" X 1" X 16" SELF-DRILLING SELF-TAPPING SCREW. THE SCREWS SHALL BE SPACED 12" O.C. ALONG EDGES OF BOARDS AND 12" O.C. IN FIELD OF THE BOARDS.
2. SEAL ALL OPENINGS AT POINT OF DRESSING WALLS WHERE APPLICATIONS:
3. ALL METAL STUDS TO CONFORM TO LOCAL BUILDING CODES.
4. ALL STUDS AND PARTITIONS REQUIRE GYPSUM BOARD ON BOTH SIDES FOR THE FULL HEIGHT OF THE STUDS UNLESS SPECIFICALLY DETAILED OTHERWISE.
5. ALL SUSPENDED WALLS SHALL HAVE GYPSUM BOARD WHICH EXTENDS 4" ABOVE THE SUSPENDED CEILING UNLESS SHOWN AND NOTED OTHERWISE.
6. ALL STUD WALLS AND PARTITIONS SHALL HAVE CONTINUOUS LINES OF BRIDGING SPACING AT 4'-0" MAXIMUM ON CENTER. THE BRIDGING SHALL BE SECURED TO THE STUDS WITH THE STUDS WITH EITHER SCREWS OR WELDS. REFER TO THESE SHEET.
7. ALL STUDS SHALL BE GYPSUM STUDS WITH FLANGE STIFFENERS.
8. THE MATERIALS AND METHODS OF CONSTRUCTION FOR THE INSTALLATIONS, WHERE THE STUD MANUFACTURERS' RECOMMENDATIONS OR OTHER PRECEDENCES ARE MORE RESTRICTIVE, THEY SHALL APPLY.
9. PROVIDE BRIDGING IN WALLS FOR WALL MOUNTED AIRWORK, TUBES, PIPES AND KITCHEN EXHAUSTS. PROVIDE A 1/8" FOR LOCATIONS.
10. PROVIDE WEATHERED METAL STUDS PER DETAIL. THIS SHEET
11. AT CONTRACTOR'S OPTION, USE ALTERNATE TO WALL BRACING DETAIL. ON THIS SHEET FOR WALLS THAT DO NOT HAVE WALL THICKNESS EXTENDING TO 0.0' ROOF OR FLOOR DECK ABOVE FASTENERS.
- A. STEEL STUDS TO STEEL STUDS OR TRACKS:
- 20 GAUGE - #8 - 1/8" X 12" TEKS WITH PHILIPS PAN HEAD - MIN. 2 PER CONNECTION
- 2" 18/16 GAUGE - #10 - 1/8" X 3/4" TEKS WITH PHILIPS PAN HEAD - MIN. 3 PER CONNECTION
- C. STEEL STUDS OR TRACKS TO WOOD PURLINS, GIRDERS AND BEAMS
- #14 - 10 X 1-1/2" H.W.H. TYPE "M" METAL-TO-WOOD TEKS AT 12" O.C. 2" FROM TRACK END
- D. STEEL STUDS OR TRACKS TO STRUCTURAL STEEL (TUBES/FLANGE CHANNELS, BMS, GIRDERS, ETC.)
- 0.145" DIA. HILTI X-EDN FASTENERS, 5/8" MIN. LENGTH AND MIN. OF 2 PER CONNECTION. PROVIDE AT 16" O.C. FOR CONTINUOUS APPLICATIONS SUCH AS TRACKS, U.N.O.
- D. PLYWOOD TO STEEL STUDS:
- #10 - 24 X 1-1/4" TEKS(S) (PLYMETALTEKS) WITH THIN WAFER HEAD - 24" O.C. FILLED, 12" O.C. PERIMETER
- E. GYPSUM BOARD TO STEEL STUDS:
- #7 X 1/4" - 1/2" DIA. HILTI X-EDN SELF-DRILLING BUGLE HEAD SCREWS TO STUDS AT 16" O.C. PER STUD TO 25 GAUGE STUD OR 20 GAUGE STUD
- #7 X 1/4" - 1/2" DIA. HILTI BUGLE HEAD SCREWS FOR 3/8" TO 5/8" TO 18 GAUGE OR 16 GAUGE STUDS OR TRACKS
3. FIELD - 12" O.C. CEILINGS, 24" O.C. WALLS
4. BUITS TRUNTS 12" O.C.
- F. STEEL STUDS OR TRACKS TO CONCRETE:
2. 1/45" DIA. HILTI X-EDN FASTENERS, 1" MIN. LENGTH, 2 ROWS AT 16" O.C.



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Merritt Island, FL 32952

Issue Record:

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Construction Set

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10/13/2023

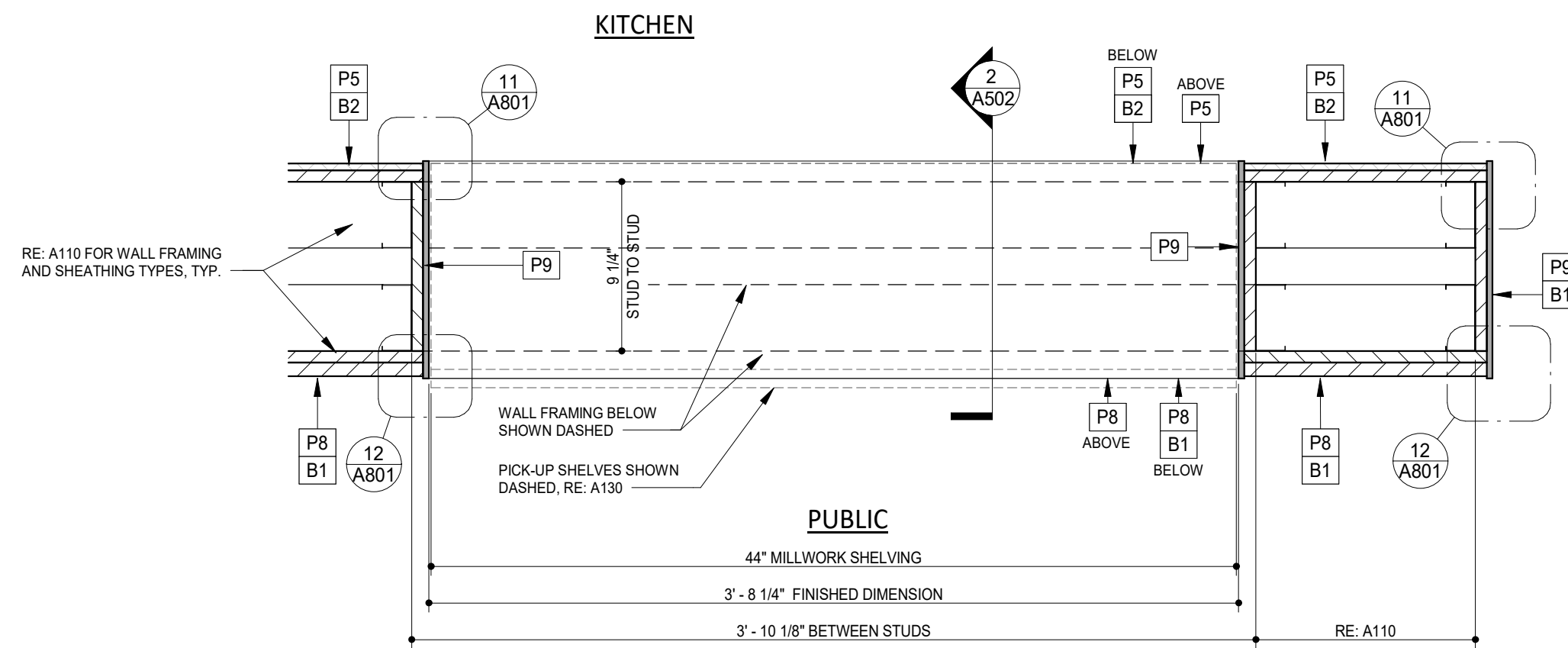
City Comments/DBs/QC

Project No.

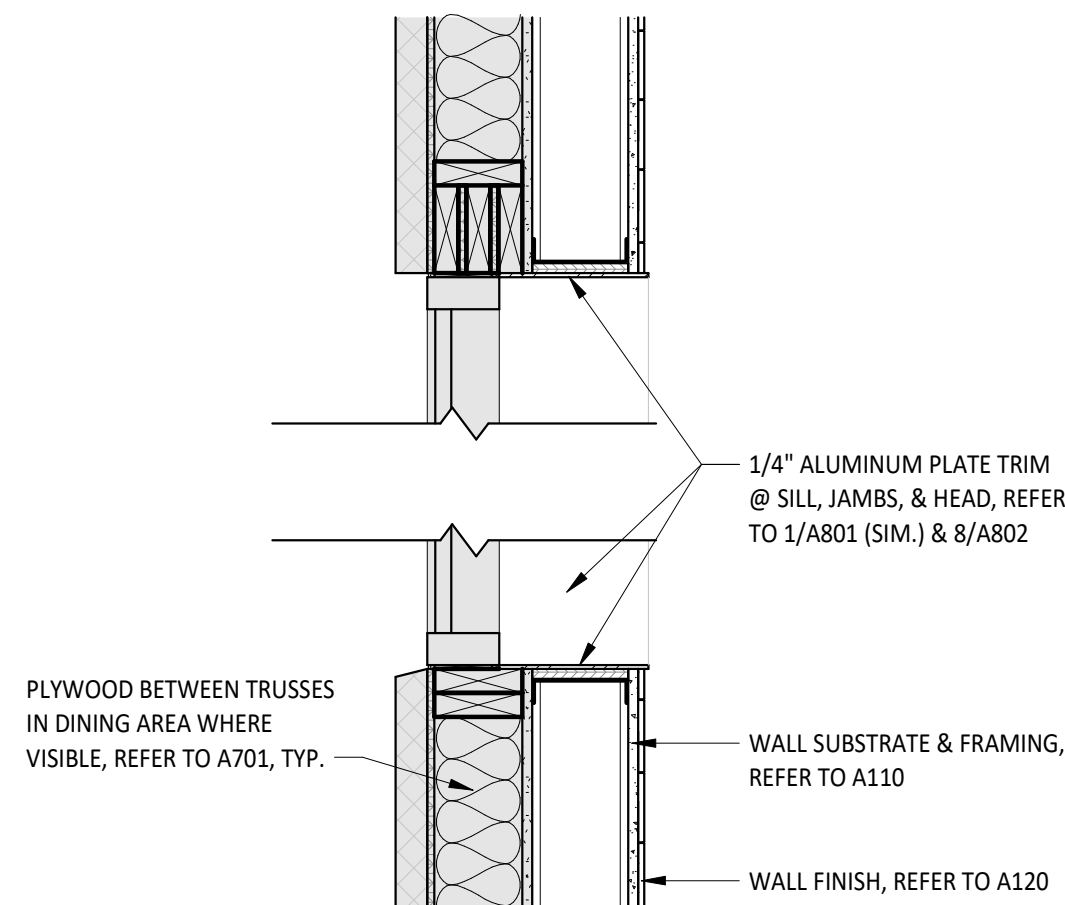
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Architectural Wall Types

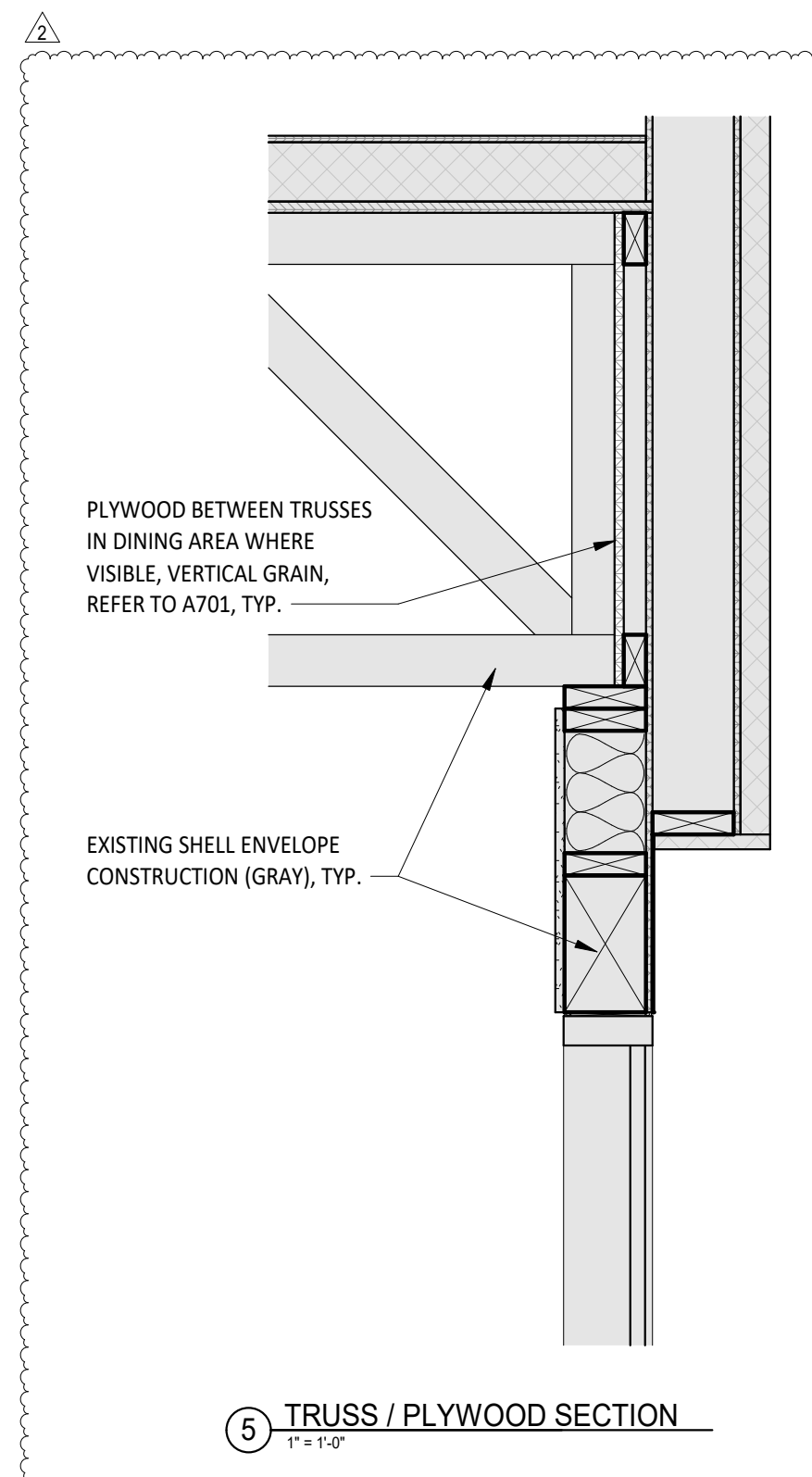
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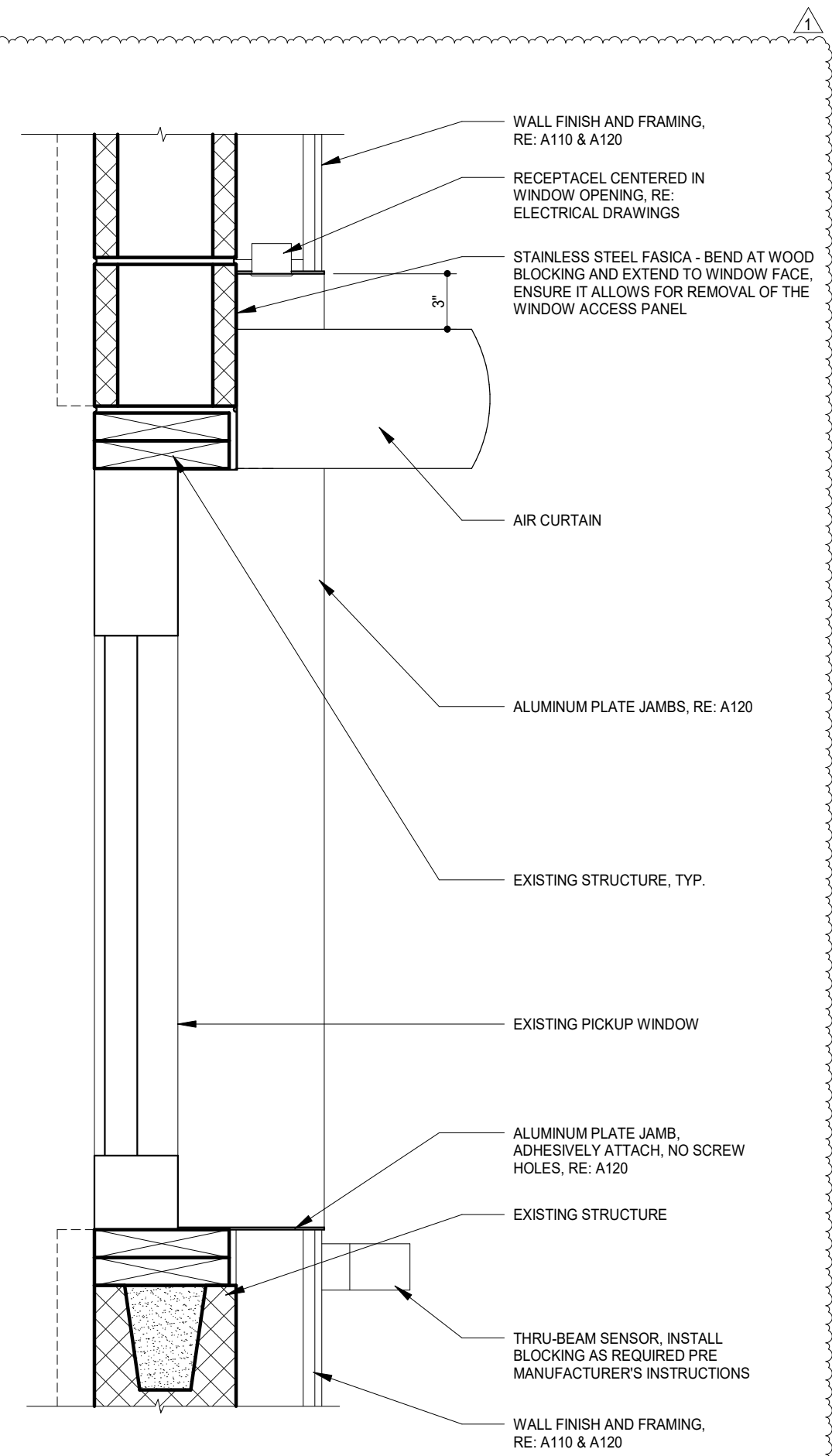
7 ENLARGED PLAN AT MOBILE ORDER PICKUP SHELVES (MOPUS)
1 1/2" = 1'-0"



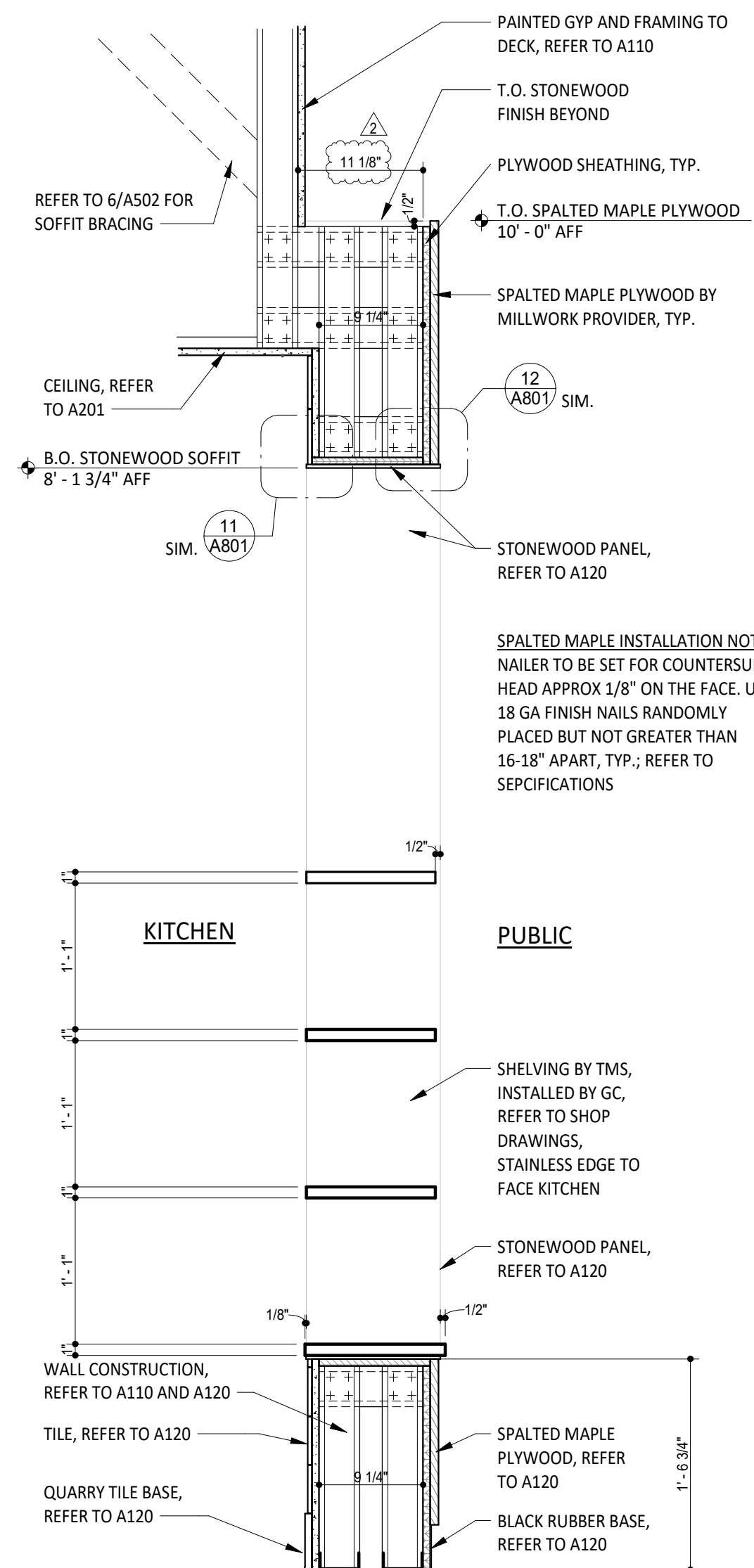
6 WINDOW FINISH SECTION
1" = 1'-0"



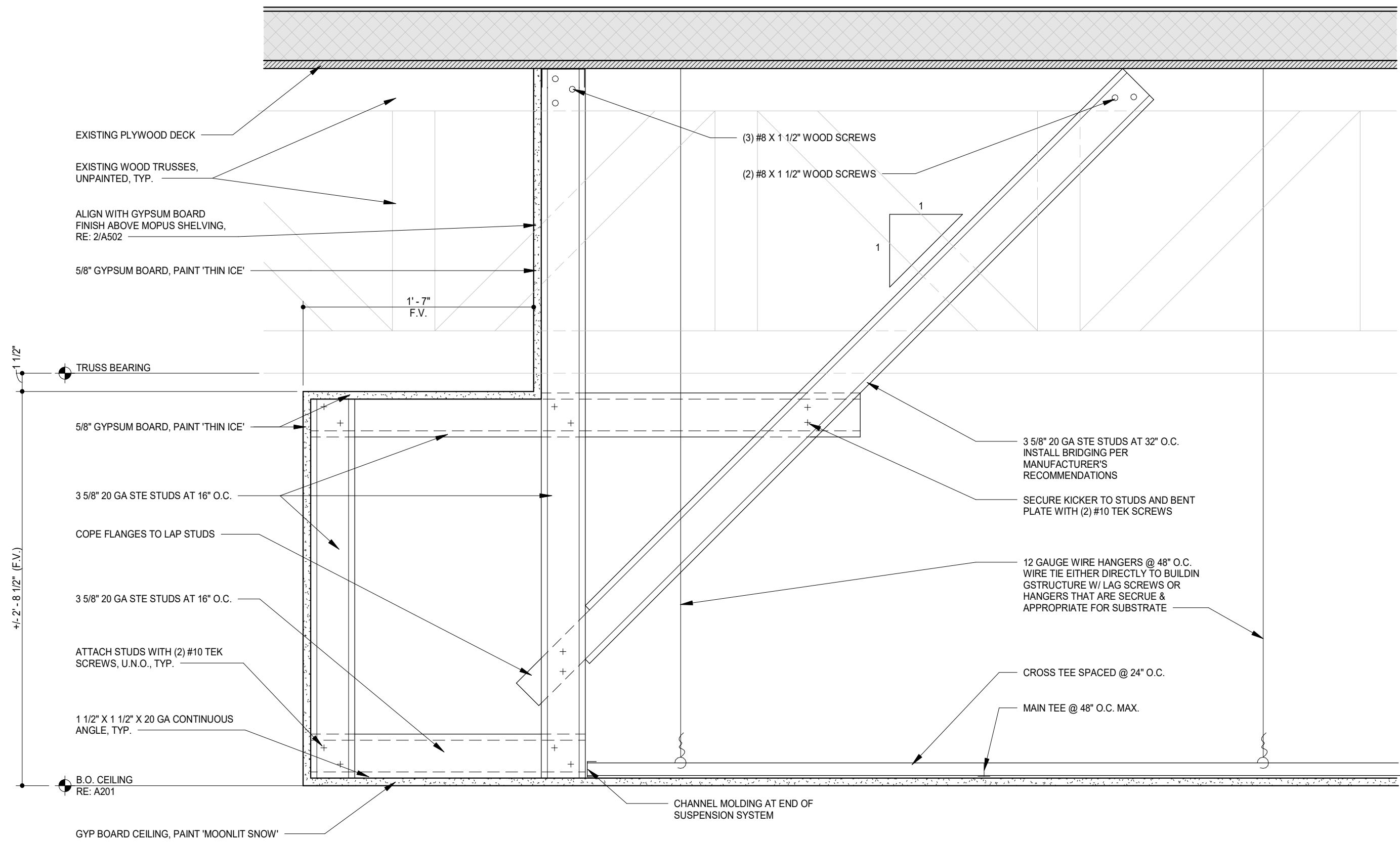
5 TRUSS / PLYWOOD SECTION
1" = 1'-0"



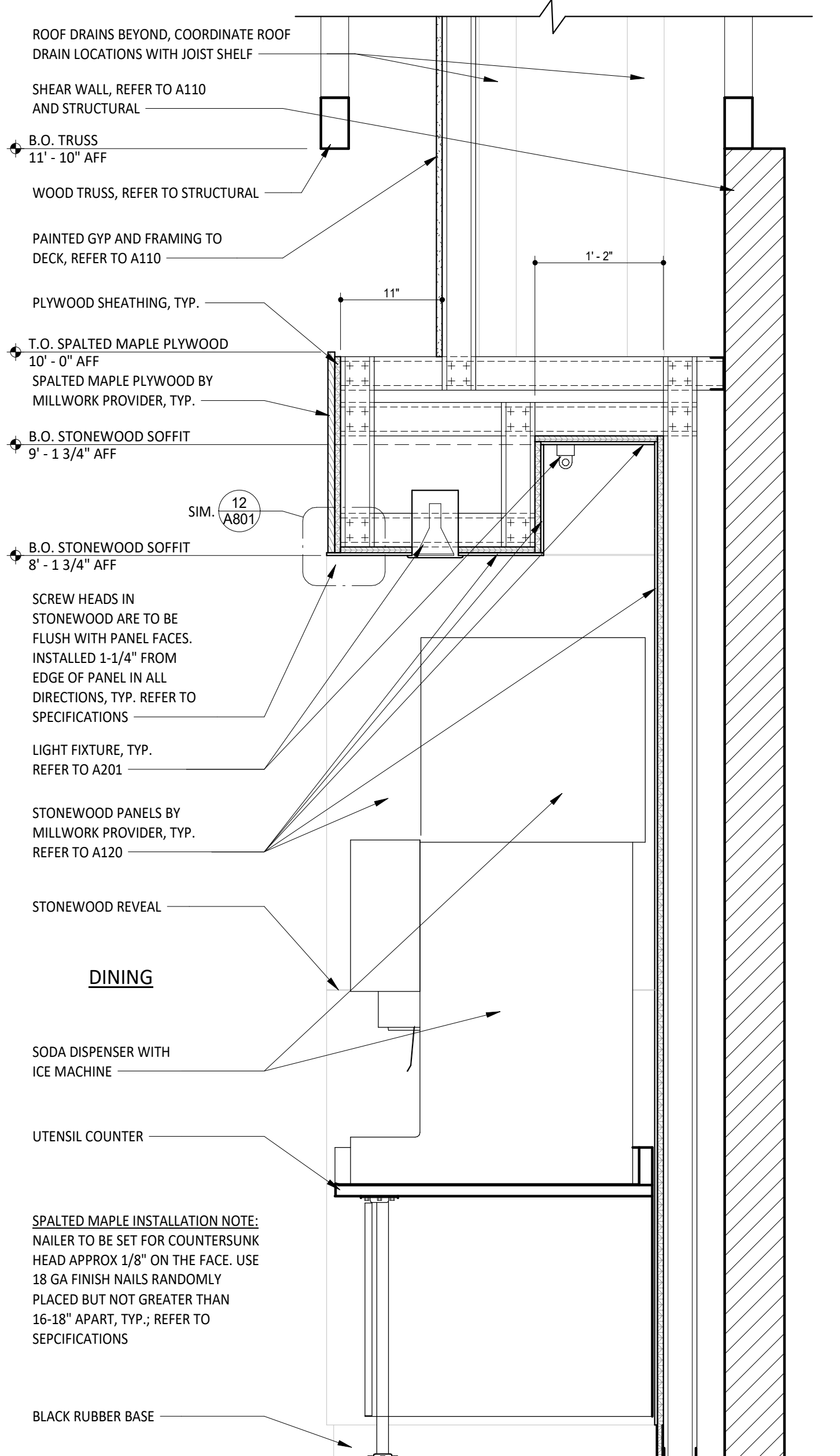
4 AIR CURTAIN AT PICKUP WINDOW
1 1/2" = 1'-0"



2 MOPUS SECTION - PASS THRU SECTION
1" = 1'-0"



3 SERVLINE SOFFIT DETAIL
1 1/2" = 1'-0"



1 UTENSIL COUNTER SECTION
1" = 1'-0"

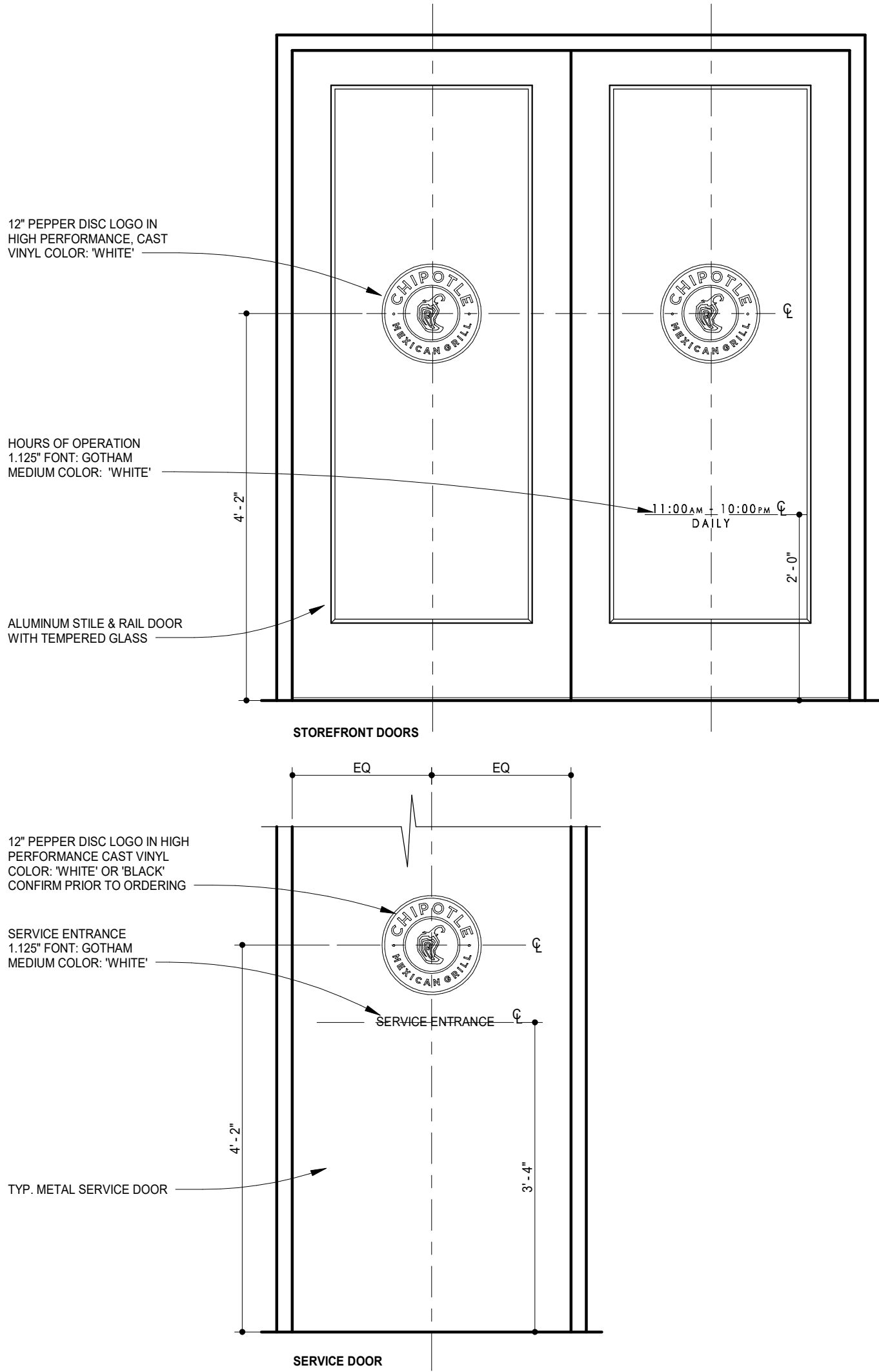
DOOR SCHEDULE

TAG	DESCRIPTION	DOOR							FRAME			HARDWARE SET	FIRE RATING	REMARKS
		STATUS	WIDTH	HEIGHT	THICKNESS	DOOR TYPE	STILE	DOOR FINISH	STATUS	FRAME TYPE	FRAME FINISH			
1	MAIN ENTRY - PAIR	EXISTING	6'-0"	7'-0"	1 3/4"	A	WIDE	PERMAFLUOR CHARCOAL	EXISTING	ALUM. STOREFRONT	PERMAFLUOR CHARCOAL	1		1,2,4,5
2	DINING EXIT - SINGLE	EXISTING	3'-0"	7'-0"	1 3/4"	A	WIDE	PERMAFLUOR CHARCOAL	EXISTING	ALUM. STOREFRONT	PERMAFLUOR CHARCOAL	2		1,3,4,5
3	KITCHEN EXIT - SINGLE	EXISTING	3'-6"	7'-0"	1 3/4"	D	-	D1, RE: A120	EXISTING	HOLLOW METAL	D1, RE: A120	3		1,4,6. ONLY PAINT INTERIOR SIDE OF DOOR & FRAME, EXTERIOR PAINT IS EXISTING
4	ADMIN - SINGLE	NEW	3'-0"	7'-0"	1 3/4"	C	-	D1, RE: A120	NEW	HOLLOW METAL	D1, RE: A120	4		
5	RESTROOM 103 - SINGLE	NEW	3'-0"	7'-0"	1 3/4"	B	-	D1, RE: A120	NEW	HOLLOW METAL	D1, RE: A120	5		
6	RESTROOM 104 - SINGLE	NEW	3'-0"	7'-0"	1 3/4"	B	-	D1, RE: A120	NEW	HOLLOW METAL	D1, RE: A120	5		
7	KITCHEN PASSAGE	NEW	3'-0"	7'-0"	1 3/4"	C	-	D1, RE: A120	NEW	HOLLOW METAL	D1, RE: A120	6		1

DOOR SCHEDULE REMARKS

- DOORS WITH REMARK #1 TO BE KEYPED THE SAME
 - EXIT INDICATOR ARRIVES WITH SIGN STATING THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED* SIGN TO BE PLACED IN A VISIBLE LOCATION ABOVE THE DOORS
 - THERE ARE TO BE NO EXTERIOR HOLES OR CYLINDERS
 - USE NON-SHRINK STRUCTURAL GROUT BED UNDER THRESHOLD
 - BLACK DOOR SWEEP TO BE USED WITH CHARCOAL OR DARK BRONZE STOREFRONT. LIGHT GRAY DOOR SWEEP TO BE USED WITH CLEAR ANODIZED ALUMINUM STOREFRONT
 - DOOR AND FRAME FINISHES FOR EXTERIOR DOOR APPLY ONLY TO THE INTERIOR SIDE OF EXTERIOR DOOR. RE: EXTERIOR ELEVATIONS FOR EXTERIOR FINISHES
- * IF STATUS IS "EXISTING" G.C. TO DETERMINE CONDITION OF EXISTING HARDWARE. IF HARDWARE IS IN POOR CONDITION, PROVIDE HARDWARE IN HARDWARE SCHEDULE. CONFIRM REPLACEMENT WITH CHIPOTLE CM.

TYPICAL EXTERIOR DOOR TYPES



DOOR HARDWARE SETS

1 MAIN ENTRY - PAIR

EXISTING HARDWARE:

- (2) CONTINUOUS HINGE
- (2) NON-OFFSET PULL
- (2) EXIT DEVICE
- (2) MORTISE CYLINDER

- (1) TEMP CORE
- (1) DEADBOLT
- (1) EXIT INDICATOR
- (1) HEADER BOLT
- (1) THRESHOLD BOLT
- (2) DOOR CLOSER
- (2) DOOR STOP
- (2) OVERHEAD STOP
- (2) CLOSER BACK PLATE
- (1) THRESHOLD
- (2) SMOKE SEAL

NEW HARDWARE (TENANT FURNISHED):

- (2) DOOR SWEEP

HAGER, MODEL 780-224HD-83\"/>

2 PATIO DOOR - SINGLE LEAF

EXISTING HARDWARE:

- (1) CONTINUOUS HINGE
- (1) EXIT DEVICE

- (1) NON-OFFSET PULL
- (1) DOOR CLOSER
- (1) CLOSER BACK PLATE
- (1) OVERHEAD STOP
- (1) THRESHOLD
- (1) SMOKE SEAL
- (1) DOOR STOP

NEW HARDWARE (TENANT FURNISHED):

- (1) DOOR SWEEP

HAGER, MODEL 780-224HD-83\"/>

3 KITCHEN (REAR EXIT) - SINGLE LEAF

EXISTING HARDWARE:

- (1) HINGE
- (1) PANIC HARDWARE
- (1) PULL HARDWARE
- (1) RIM CYLINDER
- (1) TEMP CORE
- (1) DOOR CLOSER
- (1) CLOSER BACK PLATE
- (1) THRESHOLD
- (1) WEATHERSTRIP
- (1) DOOR SILENCERS
- (1) DOOR VIEWER
- (1) KICKPLATE

NEW HARDWARE (TENANT FURNISHED):

- (1) DOOR BUZZER
- (1) DOOR SWEEP

HAGER, MODEL 780-224HD-83\"/>

6 KITCHEN PASSAGE

- (3) HINGE
- (1) CLOSER
- (1) LOCKSET
- (1) TEMP CORE
- (1) DOOR VIEWER
- (1) DOOR STOP
- (2) KICK PLATE

STANLEY, MODEL FBB179-4.5-US26 (06-8438)

4 ADMIN - SINGLE LEAF

- (3) HINGE
- (1) LOCKSET
- (1) TEMP CORE
- (1) KICKPLATE
- (1) DOOR STOP
- (3) DOOR SILENCERS
- (1) SECURITY WINDOW

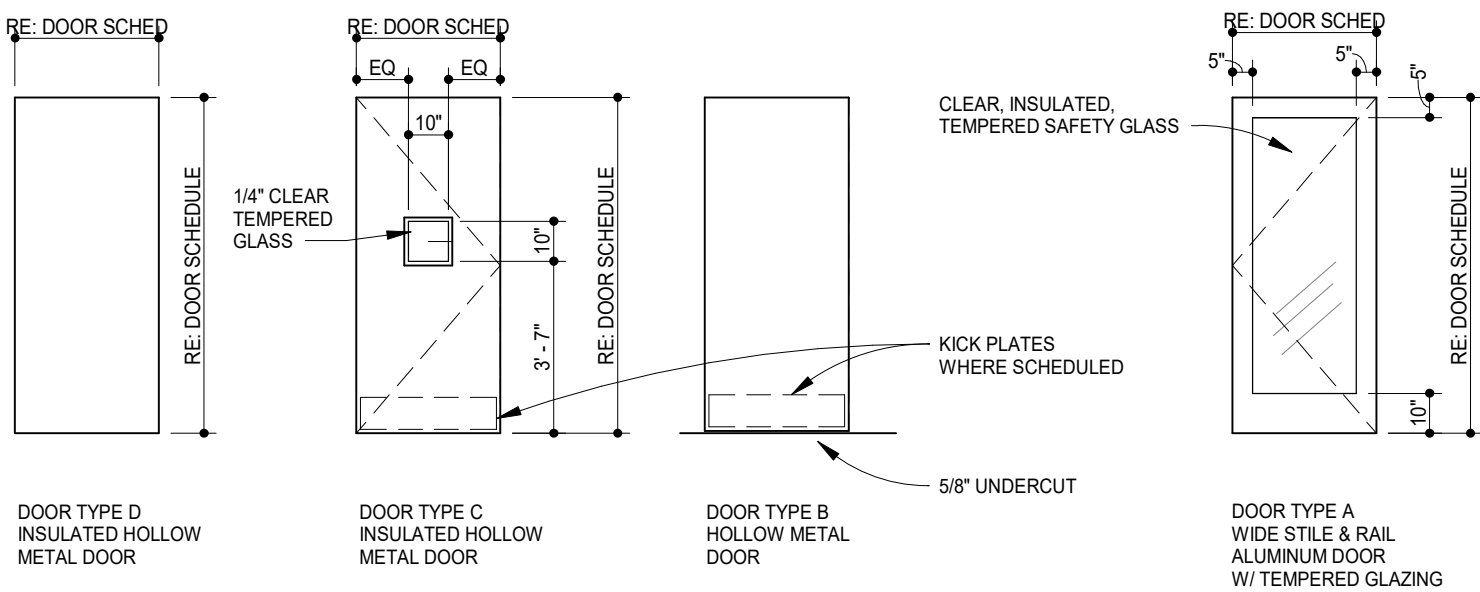
STANLEY, MODEL FBB179-4.5-US26 (06-8438)

5 RESTROOMS 103 & 104 - SINGLE LEAF

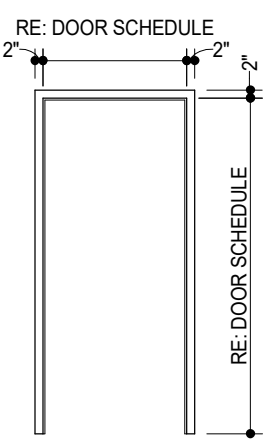
- (3) HINGE
- (1) CLOSER
- (1) LOCKSET
- (1) DOOR STOP
- (3) DOOR SILENCERS
- (2) KICK PLATE
- (1) COAT HOOK

STANLEY, MODEL FBB179-4.5-US26 (06-8438)

DOOR TYPES



FRAME TYPES



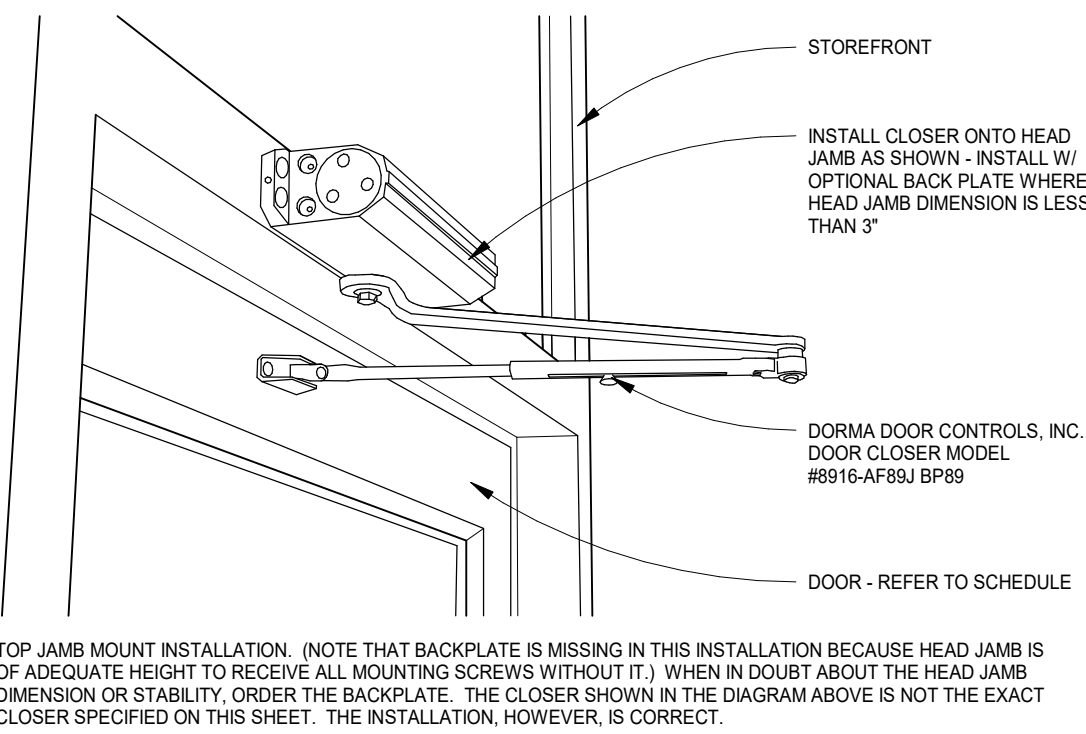
FRAME TYPE 1

NOTE:
GC TO VERIFY WALL THICKNESS PRIOR TO ORDERING DOOR FRAMES.

DOOR NOTES

- ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- LATCHES, HANDLES, PANIC BARS AND ALL DOOR HARDWARE WILL COMPLY WITH SECTION 7.2 OF NFPA 101 PER THE SPECIFICATIONS.
- THE MANAGER HAS A KEY TO UNLOCK RESTROOM DOORS, FROM THE OUTSIDE IN THE CASE OF AN EMERGENCY.
- ALL DOORS ARE TO REMAIN UNLOCKED DURING BUSINESS HOURS.
- RE: THIS SHEET FOR EXTERIOR DOOR SIGNAGE INFORMATION.
- MAXIMUM EFFORT TO OPERATE EXTERIOR OR INTERIOR DOORS WITH CLOSERS SHALL NOT EXCEED 5 POUNDS. THIS MAY BE INCREASED TO 15 POUNDS FOR FIRE-RATED DOORS.
- ALL INTERIOR HOLLOW METAL DOORS, HOLLOW METAL DOOR FRAMES, AND DOOR HARDWARE (EXCEPT WOOD PULLS/PUSHES - PROVIDED BY TENANT MILLWORK SUPPLIER) ARE PROVIDED BY CHIPOTLE'S HARDWARE SUPPLIER AND INSTALLED BY TENANT G.C. CONTACT PETE KLUMEX WITH TWIN CITY HARDWARE AT 763-535-4660 TO ARRANGE DELIVERY.
- THE BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
- ALL SUPPORT SIGNAGE PROVIDED BY TENANT'S SUPPORT SIGNAGE SUPPLIER AND INSTALLED BY G.C.
- ALL GLAZING IN DOORS SHALL BE CLEAR, TEMPERED SAFETY GLAZING.

DOOR CLOSER



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Issue Record:	
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02/05/2024	Construction Set

Revisions:	
02/05/2024	Construction Set

Project No.
01673

Door & Hardware
Schedule

A601

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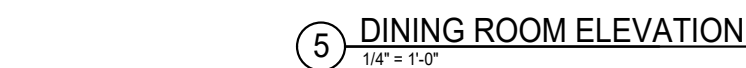


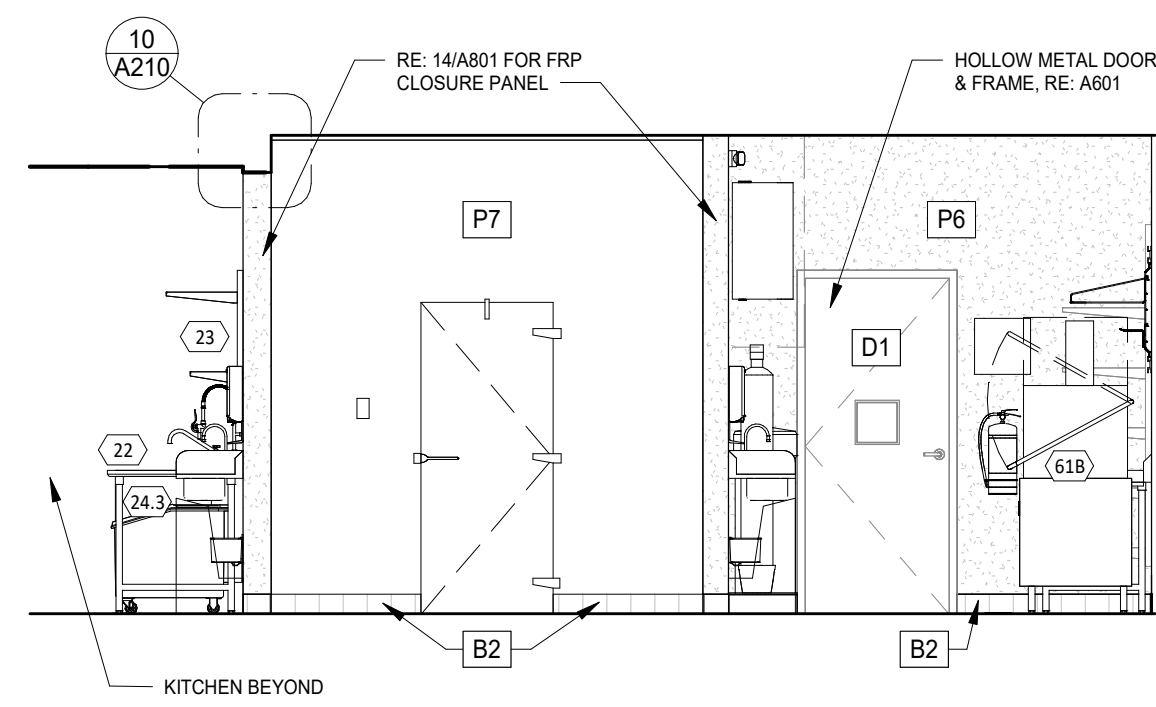
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Project No.
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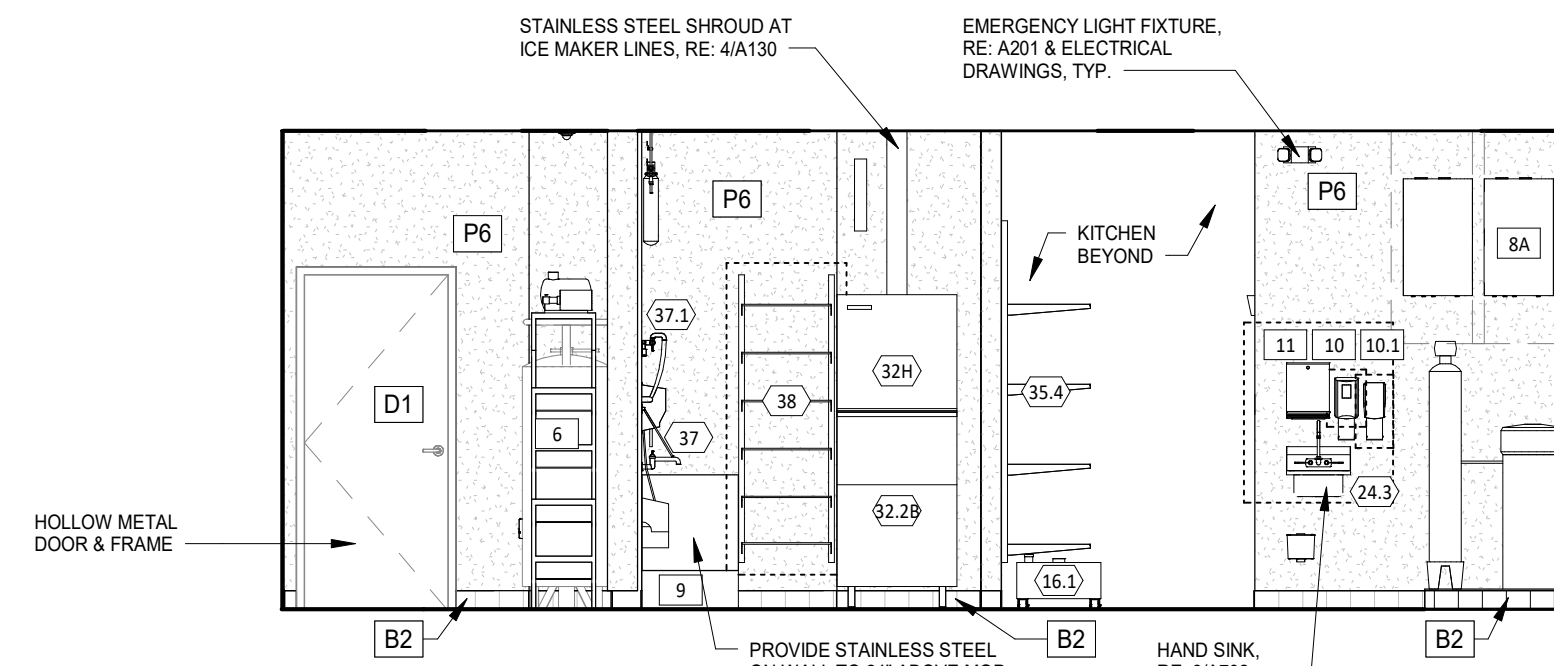
A701

WALL BASE FINISHES		WALL FINISHES		DOOR FINISHES	
B1	4" BLACK RUBBER - NO COVE, RE: 4/5/A001	P1	PLYWOOD BETWEEN TRUSSES, VERTICAL GRAIN, RE: 5/A002	D1	PAIN'T "BLACK"
B2	QUARRY TILE WITH COVE, RE: 4/T/A002 & 19/A002	P2	FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)	D2	PAIN'T "KNIGHT'S ARMOR"
B3	4" BLACK RUBBER BASE WITH COVE, RE: 18/A001	P3	GYPSUM BOARD, PAINT "THIN ICE", EGGSHELL, REFER TO T01 AND A710		
B4	QUARRY TILE - NO COVE, RE: 2/A002	P4	GYPSUM BOARD, PAINT "THIN ICE", SEMI-GLOSS FINISH BELOW 4'-3" A.F.F.		
B5	CERAMIC TILE BASE, RE: 3/A002	P5	CERAMIC TILE - WHITE, RE: A802		
		P6	FIBERGLASS REINFORCED PANELS (PEBBLED FINISH)		
		P7	EXPOSED COOLER WALL (EMBOSSSED COATED STEEL)		
		P8	SPLATED MAPLE PANEL, HORIZONTAL GRAIN		
		P9	STONEWOOD PANEL, RE: 5/A001		
		P10	STONEWOOD WAINSCOT, RE: 2.3, 16/19/A001		
		P11	CERAMIC TILE - ACCENT - BRONZE 3" X 12", RE: A802		
		P12	PREFINISHED BRAKE METAL, EXISTING		
		P13	ALUMINUM STOREFRONT, EXISTING		
		DENOTES WOOD BLOCKING IN WALL, BEHIND WALL MOUNTED OBJECT U.N.O.			

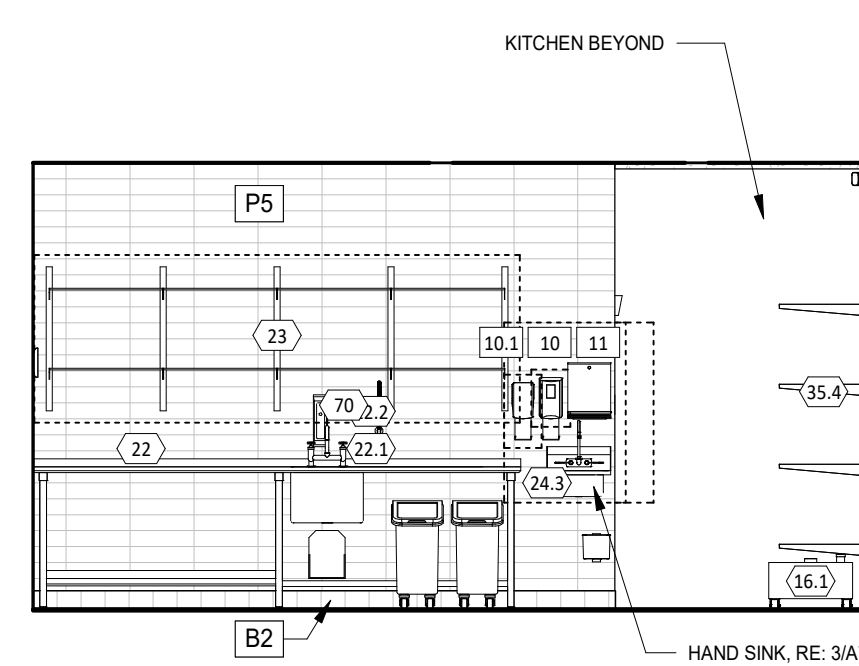




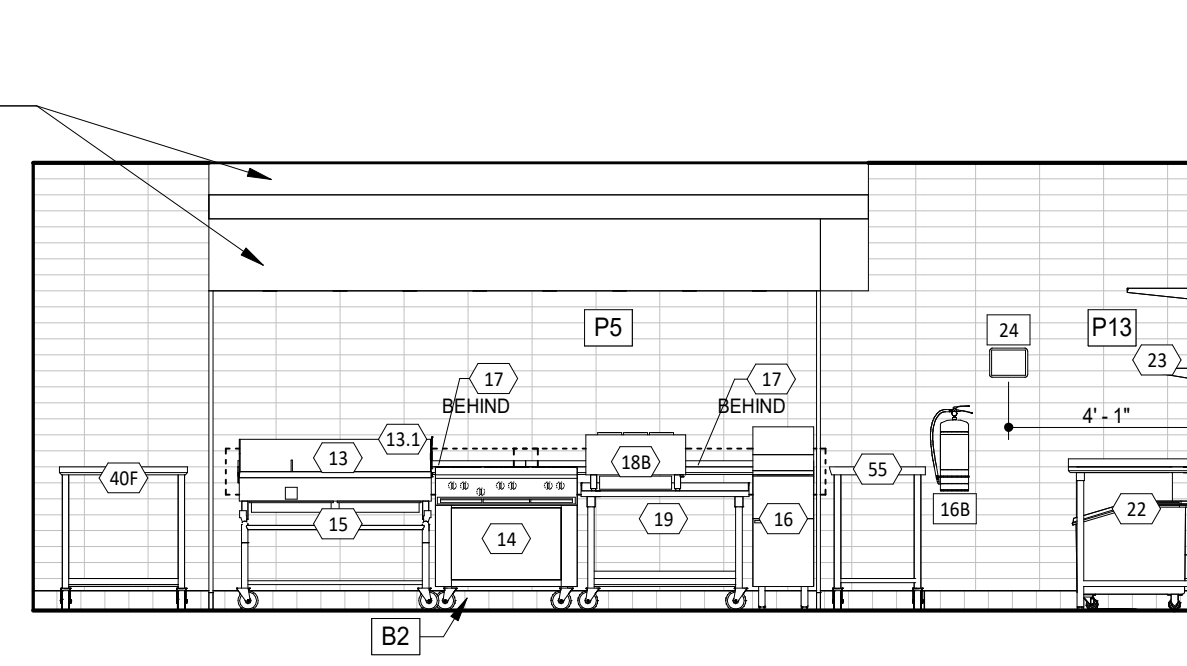
15 KITCHEN ELEVATION
1/4" = 1'-0"



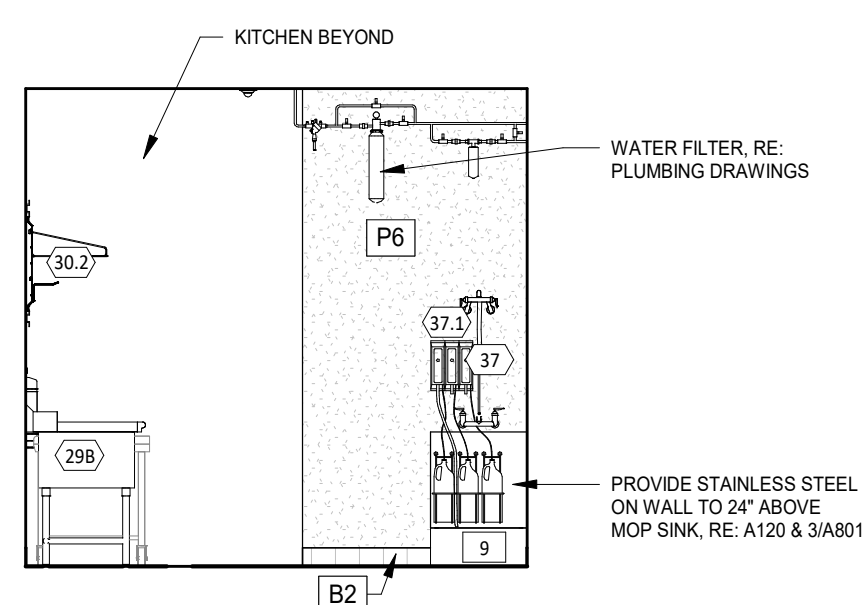
14 KITCHEN ELEVATION
1/4" = 1'-0"



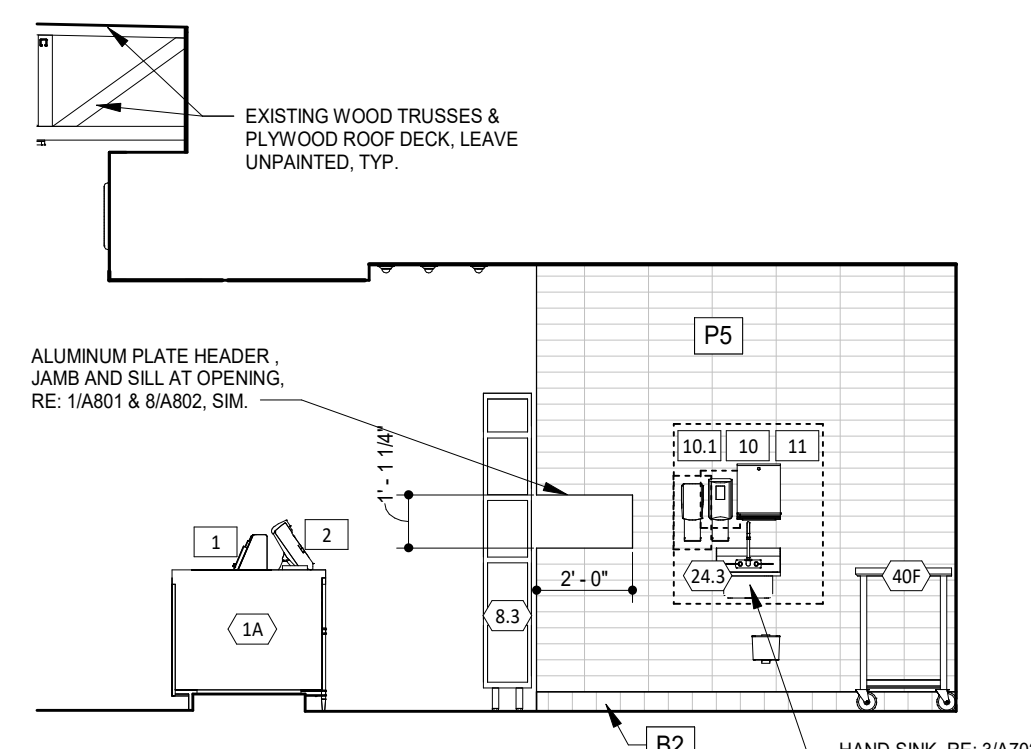
10 KITCHEN ELEVATION
1/4" = 1'-0"



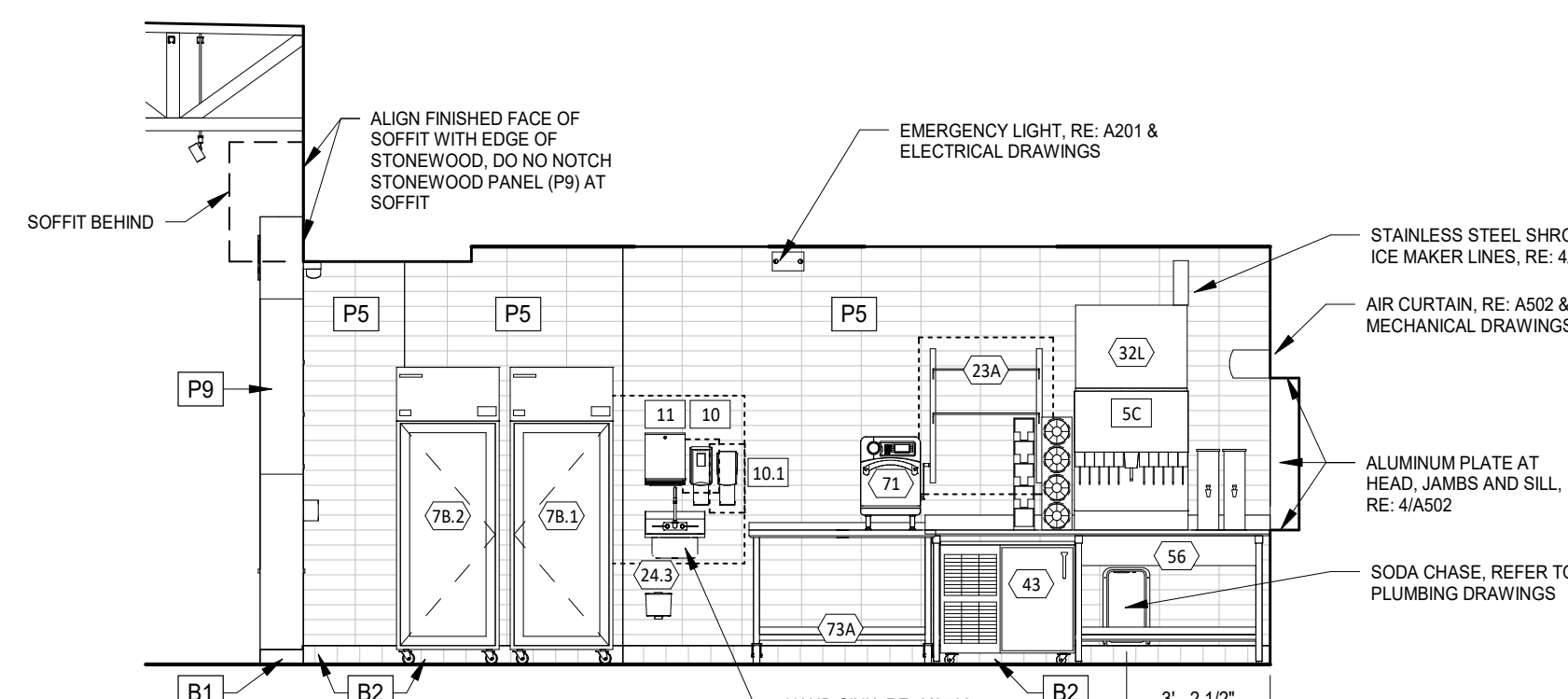
7 KITCHEN ELEVATION
1/4" = 1'-0"



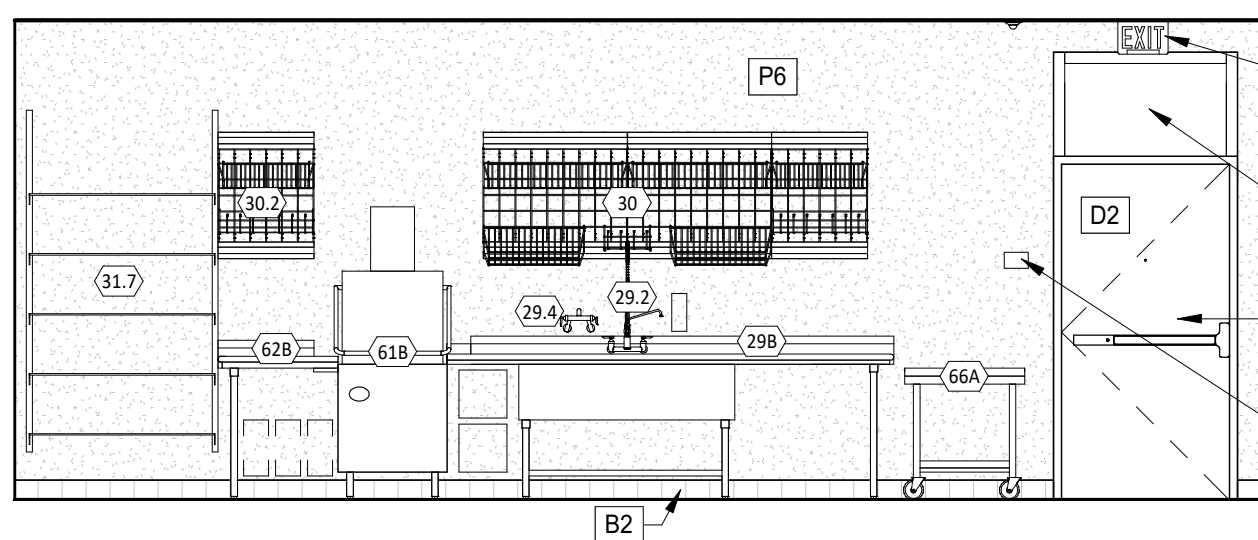
13 KITCHEN ELEVATION
1/4" = 1'-0"



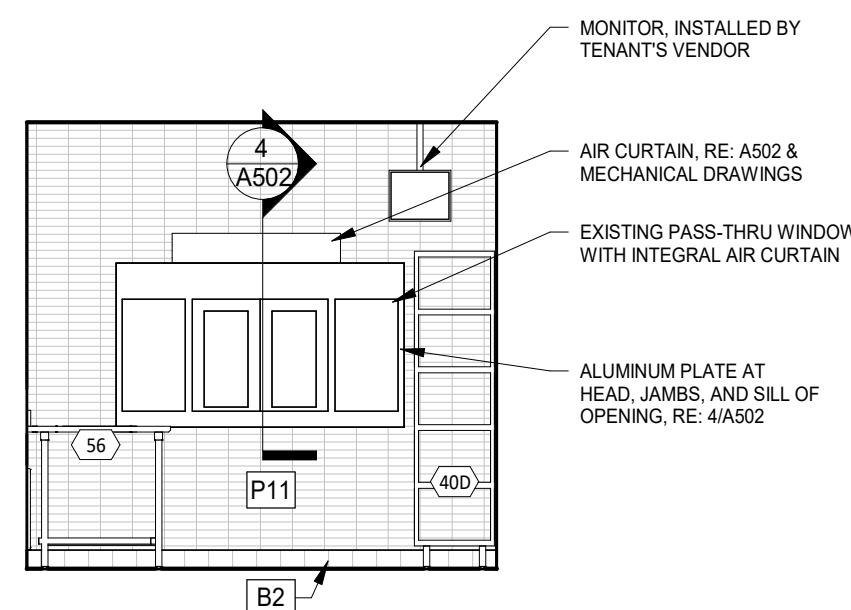
9 KITCHEN ELEVATION
1/4" = 1'-0"



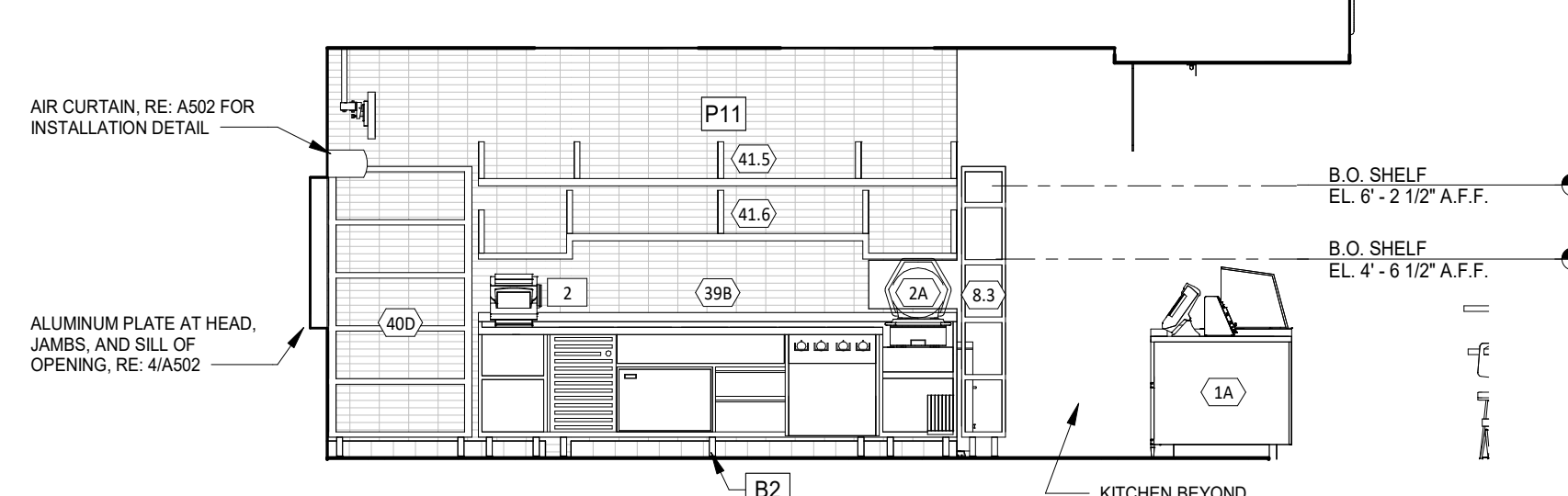
6 KITCHEN ELEVATION
1/4" = 1'-0"



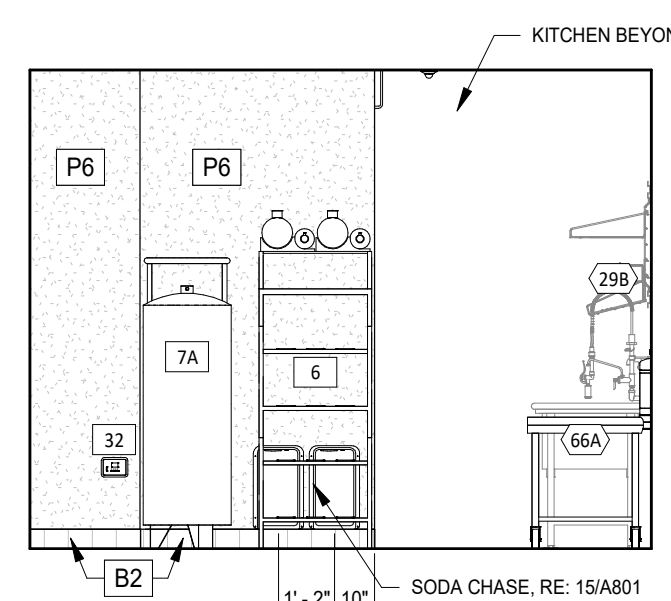
12 KITCHEN ELEVATION
1/4" = 1'-0"



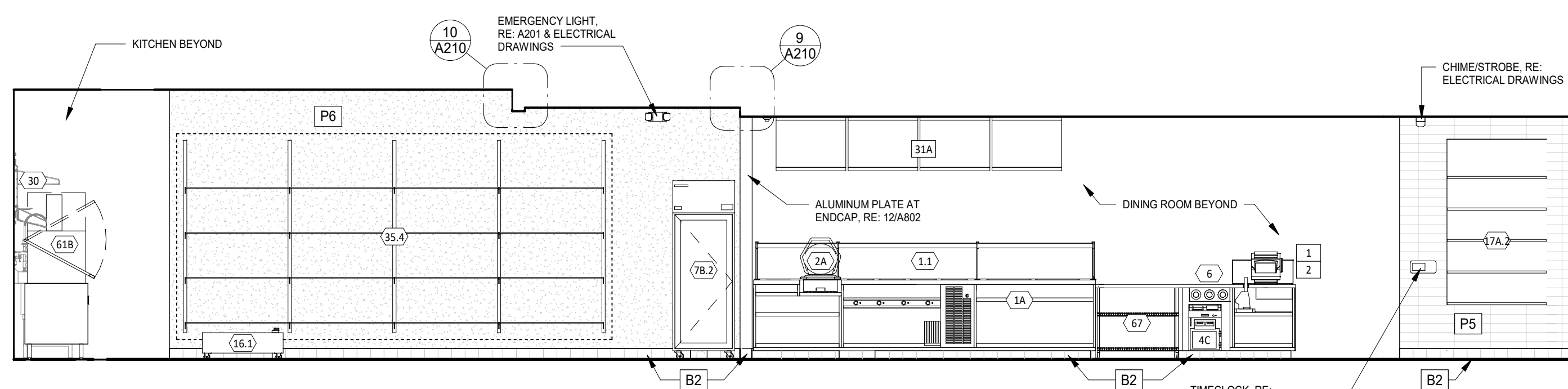
8 KITCHEN ELEVATION
1/4" = 1'-0"



5 KITCHEN ELEVATION
1/4" = 1'-0"



11 KITCHEN ELEVATION
1/4" = 1'-0"



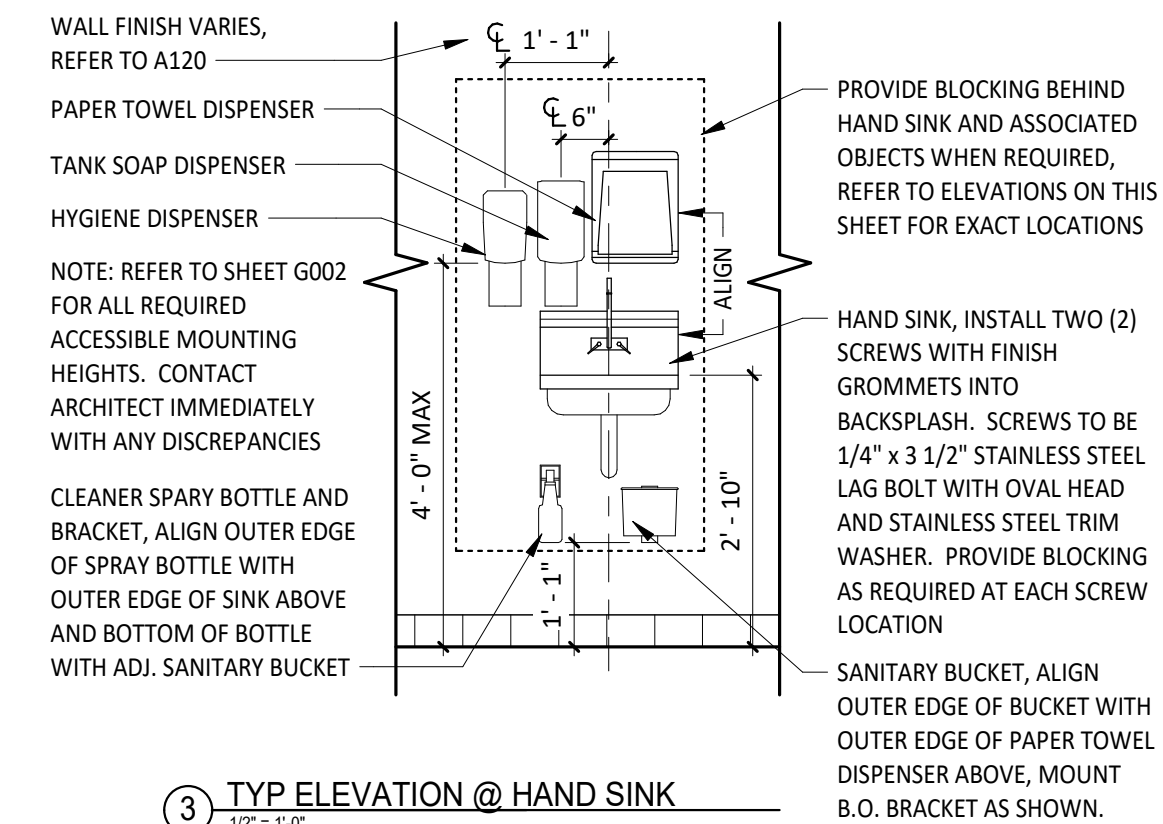
4 KITCHEN ELEVATION
1/4" = 1'-0"

FINISH LEGEND

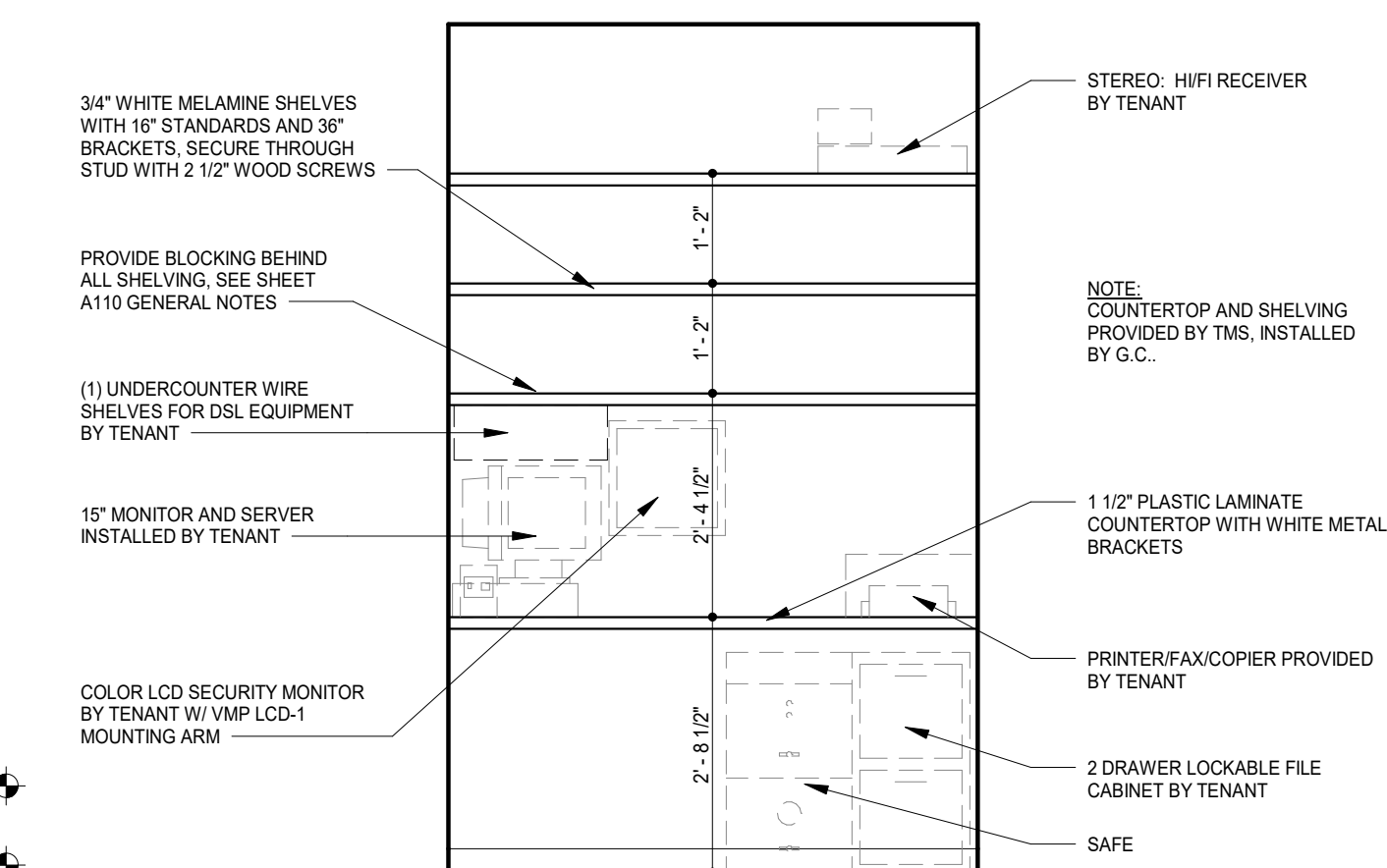
WALL BASE FINISHES	WALL FINISHES	DOOR FINISHES
B1 4" BLACK RUBBER - NO COVE, RE: 48/A801	P1 PLYWOOD BETWEEN TRUSSES, VERTICAL GRAIN, RE: 5/A502	D1 PAINT "BLACK"
B2 QUARRY TILE WITH COVE, RE: 4-7/A802 & 19/A802	P2 FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)	D2 PAINT "KNIGHTS' ARMOR"
B3 4" BLACK RUBBER BASE WITH COVE, RE: 18/A801	P3 GYPSUM BOARD, PAINT "THIN ICE", EGGSHELL, REFER TO 701 AND A710	
B4 QUARRY TILE - NO COVE, RE: 2/A802	P4 GYPSUM BOARD, PAINT "THIN ICE", SEMI-GLOSS FINISH BELOW 4'-3" A.F.F.	
B5 CERAMIC TILE BASE, RE: 3/A802	P5 CERAMIC TILE - WHITE, RE: A802	
	P6 FIBERGLASS REINFORCED PANELS (PEBBLED FINISH)	
	P7 EXPOSED COOLER WALL (EMBOSSED COATED STEEL)	
	P8 SPALTED MAPLE PANEL, HORIZONTAL GRAIN	
	P9 STONEWOOD PANEL, RE: 5/A801	
	P10 STONEWOOD WAINSCOT, RE: 2.3, 168/19/A801	
	P11 CERAMIC TILE - ACCENT - BRONZE 3" X 12", RE: A802	
	P12 PREFINISHED BRASS METAL, EXISTING	
	P13 ALUMINUM STOREFRONT, EXISTING	

□ DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

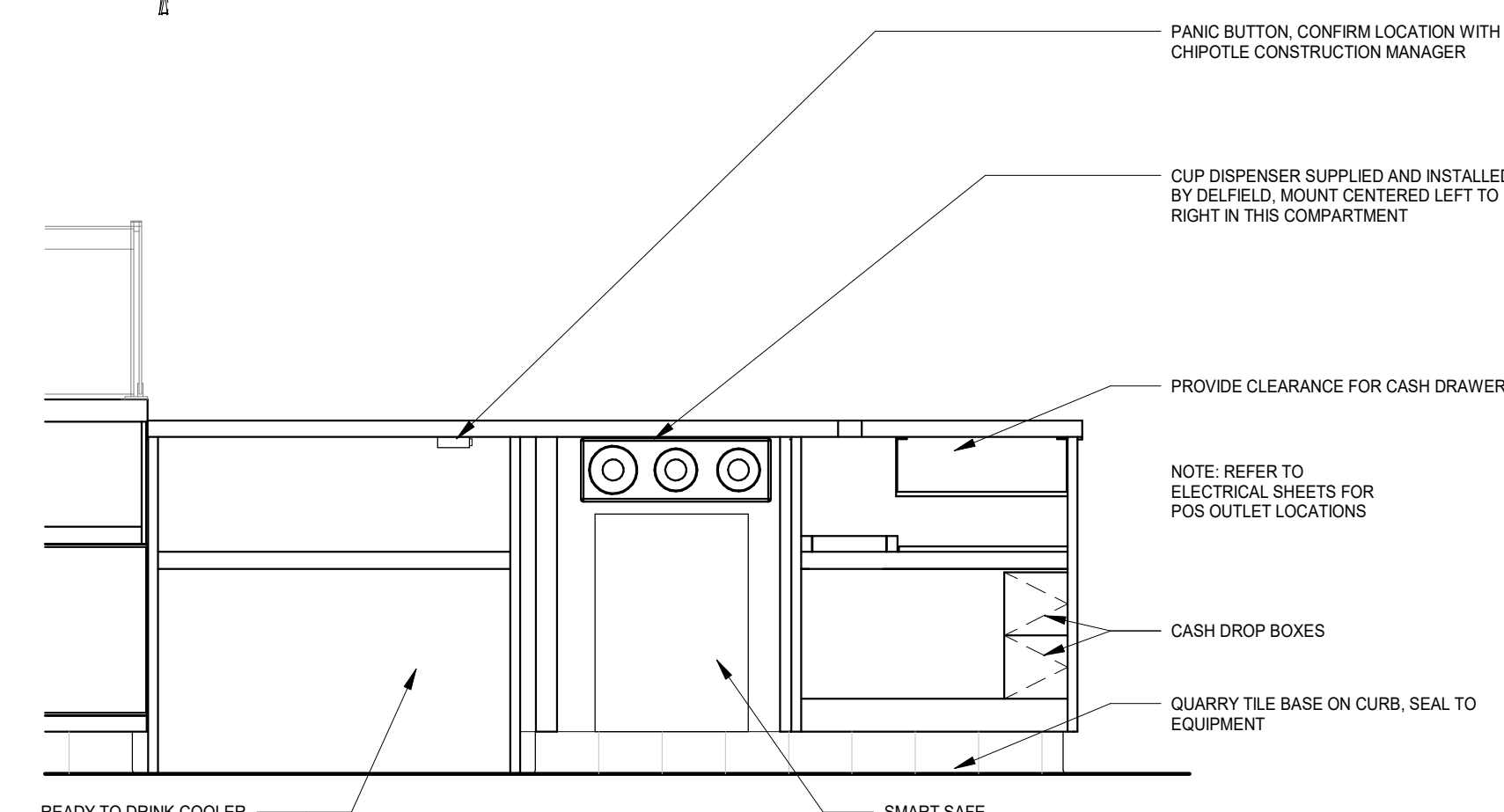
*THIS DETAIL IS FOR HANDSINK ACCESSORY DIMENSIONS ONLY. FOR ACTUAL ORIENTATION OF HAND SINK AND ACCESSORIES, REFER TO KITCHEN ELEVATIONS



3 TYP ELEVATION @ HAND SINK
1/2" = 1'-0"



2 TYP ELEVATION @ OFFICE SHELVING
1/2" = 1'-0"



1 TYP. ELEV. - POS
3/4" = 1'-0"

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Merritt Island

Store No. 4661

455 E. Merritt Island Causeway
Merritt Island, FL 32952

Issue Record:
04/21/2023 Permit Issue
02/05/2024 Construction Set

Revisions:
10/13/2023 City Comments/DBs/QC

Project No.
01673

Elevations - Interior
Kitchen

A702

RESTROOM ACCESSORY SCHEDULE

ITEM #	DESCRIPTION	MFG#	MODEL	QTY	PROVIDED BY	INSTALLED BY	UTILITY				MOUNTING HEIGHT	REMARKS
							ELEC	GAS	WATER	SEWER		
1A	Grab Bar - 36in	ASI	3501-36	2	WA	GC					36" AFF to Top of Grasping Surface	Provide Plywood Blocking to Mount to Wall
1C	Grab Bar - 18in	ASI	3501-18	2	WA	GC					40" AFF to Centerline of Bottom Return	Provide Plywood Blocking to Mount to Wall
1D	Grab Bar - 48in	ASI	3501-48	2	WA	GC					36" AFF to Top of Grasping Surface	Provide Plywood Blocking to Mount to Wall
3	Mirror	ASI	0600B 18x36	2	WA	GC					Bottom Edge of Reflecting Surface at 40" AFF	Provide Plywood Blocking to Mount to Wall
5	Touch-Free Soap Dispenser	Purell	CS8	2	WA	GC					50 1/4" AFF to Top of Unit	
7	Recessed Toilet Paper Dispenser	ASI	OC31	2	WA	GC					29" AFF to Top of Unit	Recess Mounted in Wall - Rough Opening: 6 1/4"W x 12 1/4"H x 3 3/8"D, Top Of Rough Opening @ 29 1/4" AFF
8	Utility Shelf	ASI	0692	2	WA	GC					46" AFF To Top Of Shelf	Provide Toggle Bolts to Mount to Wall
9	Recessed Convertible Paper Towel Dispenser and Waste Receptacle, Recess Mounted in Wall	Bobrick	B-3944	2	WA	GC					Bottom of Unit at Top of Floor Base, Bottom of Dispenser to be at 40" AFF, Recess Mounting In Wall	Provide Plywood Blocking to Mount to Wall
12	Napkin Disposal - Recessed	ASI	O473	2	WA	GC					Top of Rough Opening @ 29" AFF	Recess Mounted in Wall - Rough Opening: 11 1/4"W x 15 3/4"H x 4"D
14	Restroom Hand Sink	Kohler	K-2084	2	GC	GC					Mount Bottom of Front Edge Of The Sink At Exactly 29" AFF	
14.1	Restroom Hand Sink Faucet	T&S	EC-3102-TMV-LF-05	2	KES	GC						To Be Furnished With .5 GPM Aerator Installed. Thermostatic mixing valve is also included.
15	Hand Sanitizer Dispenser	Purell	ES8	2	WA	GC					Align T.O. Unit With T.O. Soap Dispenser	
16a	Surface Mounted Horizontal Baby Changing Station	Koala Care	KB200-05	2	WA	GC					Mount Bottom of Open Changing Bed at Exactly 27" AFF	GC to Provide adequate blocking to support the baby changing equipment. Blocking shall be installed in such a manner to not damage or compromise the rated assembly of the existing wall construction

FINISH LEGEND

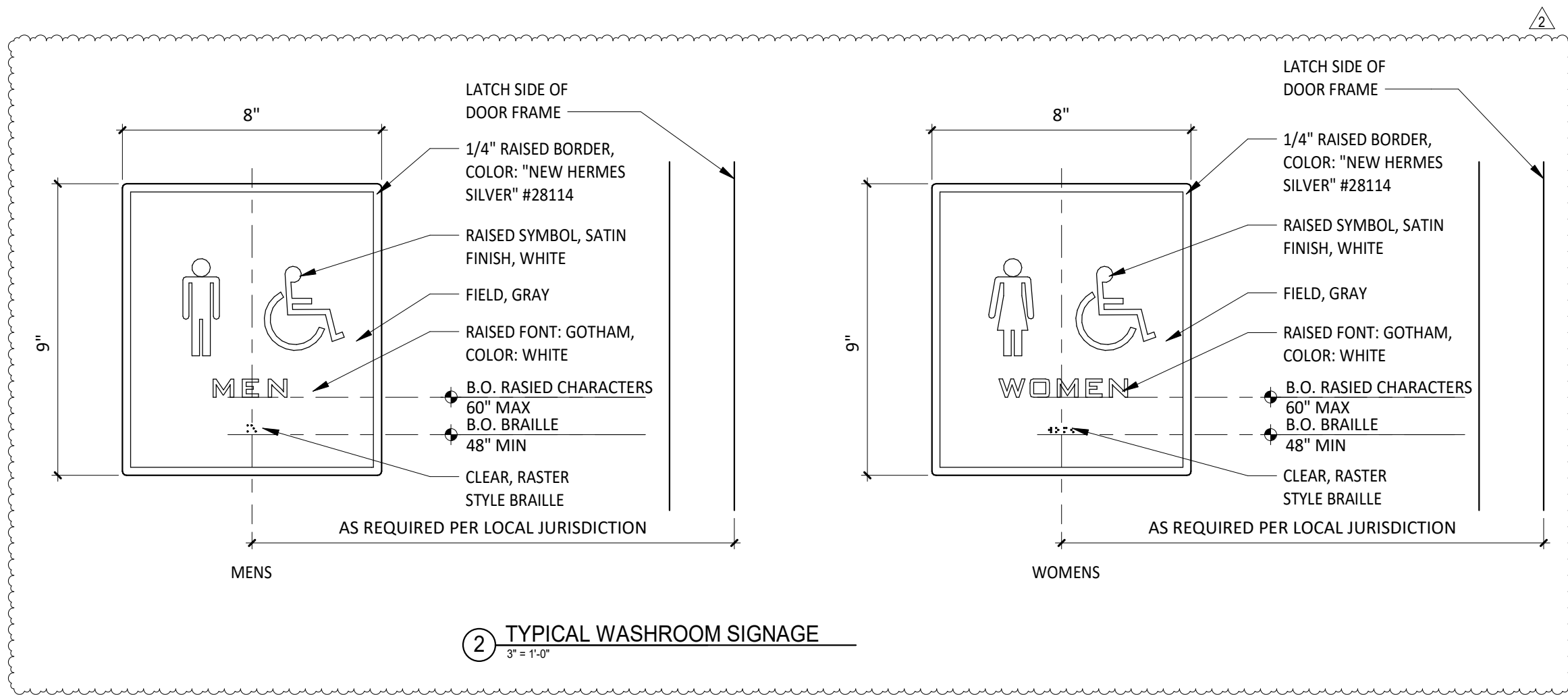
WALL BASE FINISHES		WALL FINISHES		DOOR FINISHES	
B1	4" BLACK RUBBER - NO COVE, RE: 485/A801	P1	PLYWOOD BETWEEN TRUSSES, VERTICAL GRAIN, RE: 5/A502	D1	PAINT "BLACK"
B2	QUARRY TILE WITH COVE, RE: 4/7/A802 & 19/A802	P2	FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)	D2	PAINT "KNIGHT'S ARMOR"
B3	4" BLACK RUBBER BASE WITH COVE, RE: 18/A801	P3	GYPSON BOARD, PAINT "THIN ICE", EGGSHELL, REFER TO 701 AND A710		
B4	QUARRY TILE - NO COVE, RE: 2/A802	P4	GYPSON BOARD, PAINT "THIN ICE", SEMI-GLOSS FINISH BELOW 4'-3" A.F.F.		
B5	CERAMIC TILE BASE, RE: 3/A802	P5	CERAMIC TILE - WHITE, RE: A802		
		P6	FIBERGLASS REINFORCED PANELS (PEBBLED FINISH)		
		P7	EXPOSED COOLER WALL (EMBOSSSED COATED STEEL)		
		P8	SPALTED MAPLE PANEL, HORIZONTAL GRAIN		
		P9	STONEWOOD PANEL, RE: 5/A801		
		P10	STONEWOOD WAINSCOT, RE: 2.3,16&19/A801		
		P11	CERAMIC TILE - ACCENT - BRONZE 3" X 12", RE: A802		
		P12	PREFINISHED BRAKE METAL, EXISTING		
		P13	ALUMINUM STOREFRONT, EXISTING		

GENERAL NOTES

- ALL DIMENSIONS ARE TO FINISHED FACE OF WALL, CENTER OF FIXTURE, OR EDGE OF FIXTURE, U.N.O.
- ALL ACCESSORIES SHALL BE BY MANUFACTURER NOTED IN RESTROOM ACCESSORY SCHEDULE OR TENANT APPROVED EQUAL.
- PROVIDE SOLID WOOD BLOCKING AS NECESSARY FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.

ELEVATION LEGEND

 DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.



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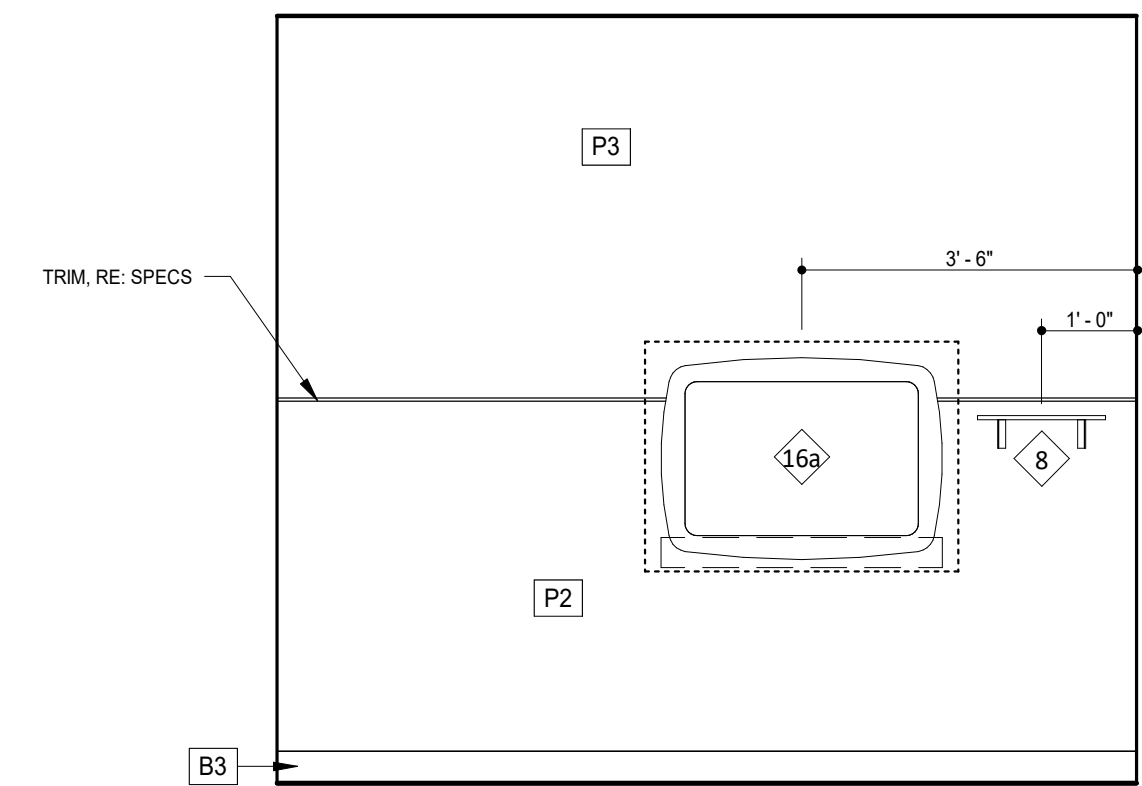
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04/21/2023	Construction Set
02/05/2024	

Revisions:	
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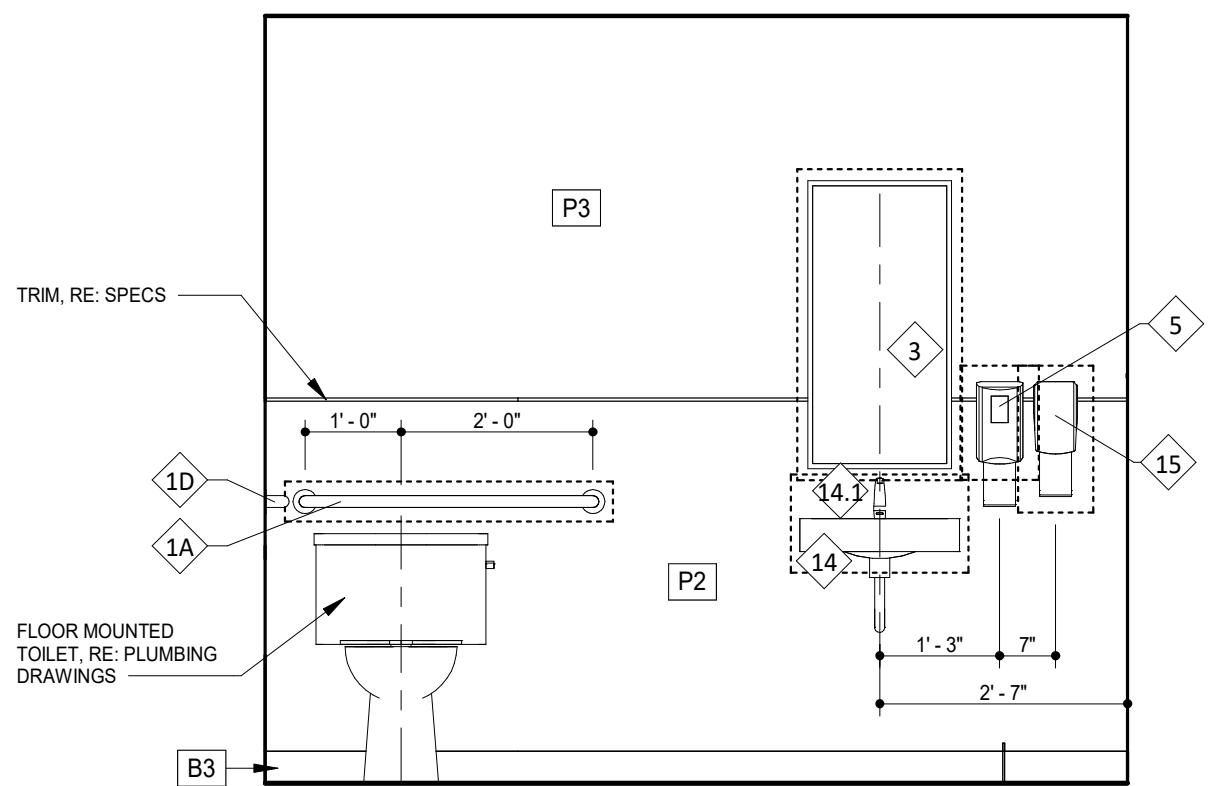
Project No.
01673

Toilet Room Details

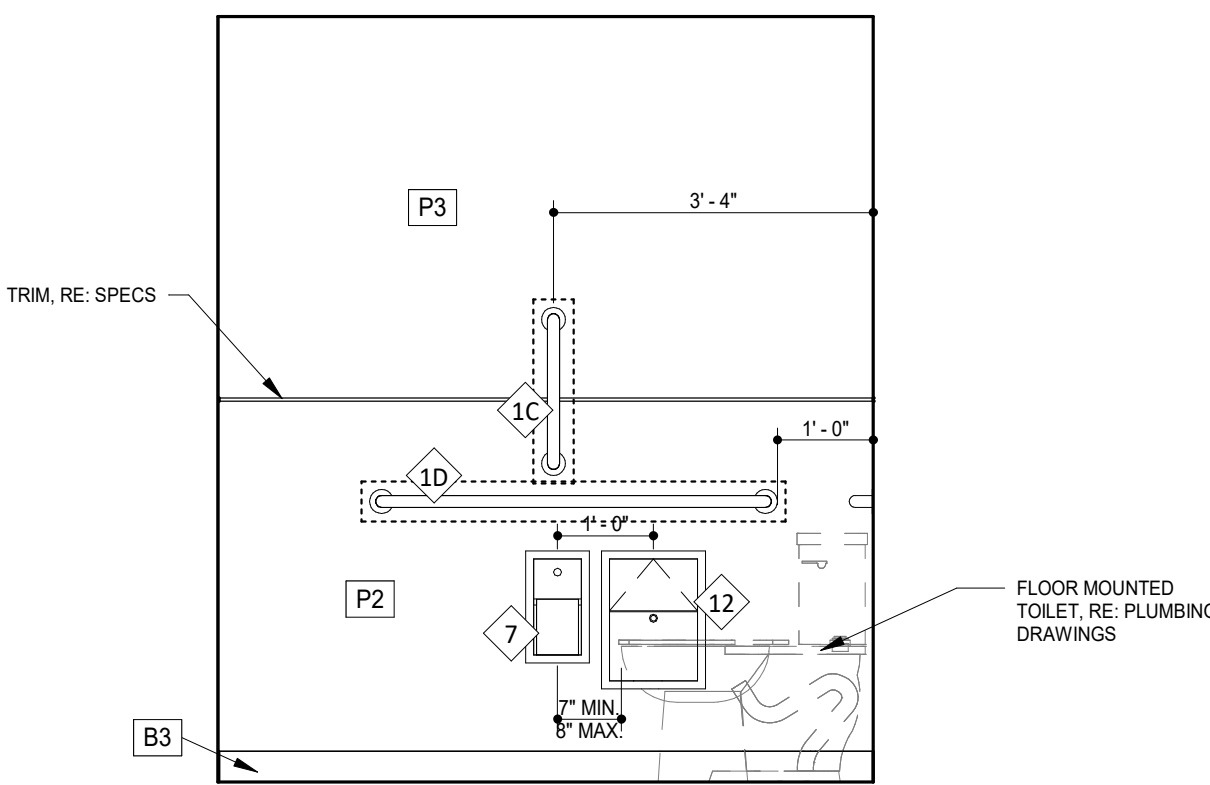
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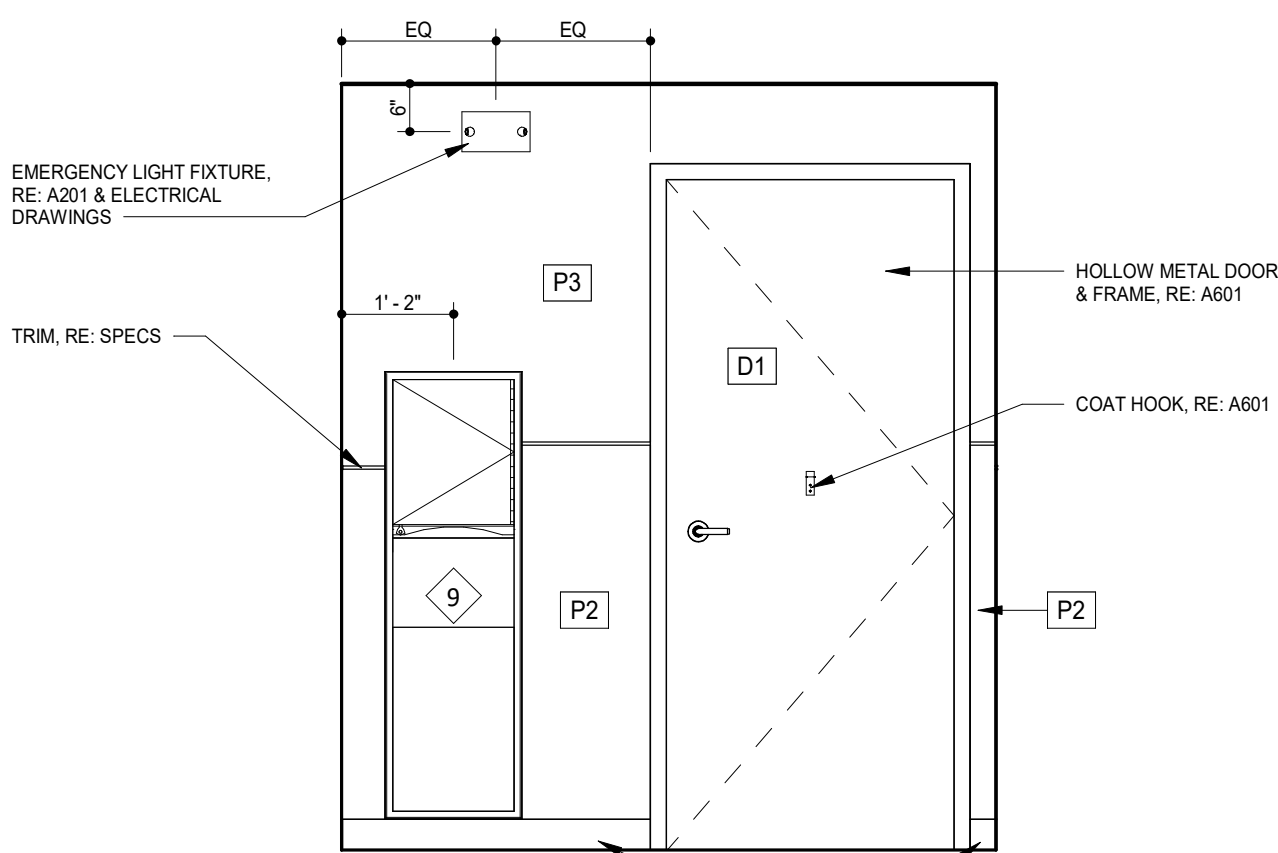
6 RESTROOM 104 ELEVATION (RESTROOM 103 OPP.)
1/2" = 1'-0"



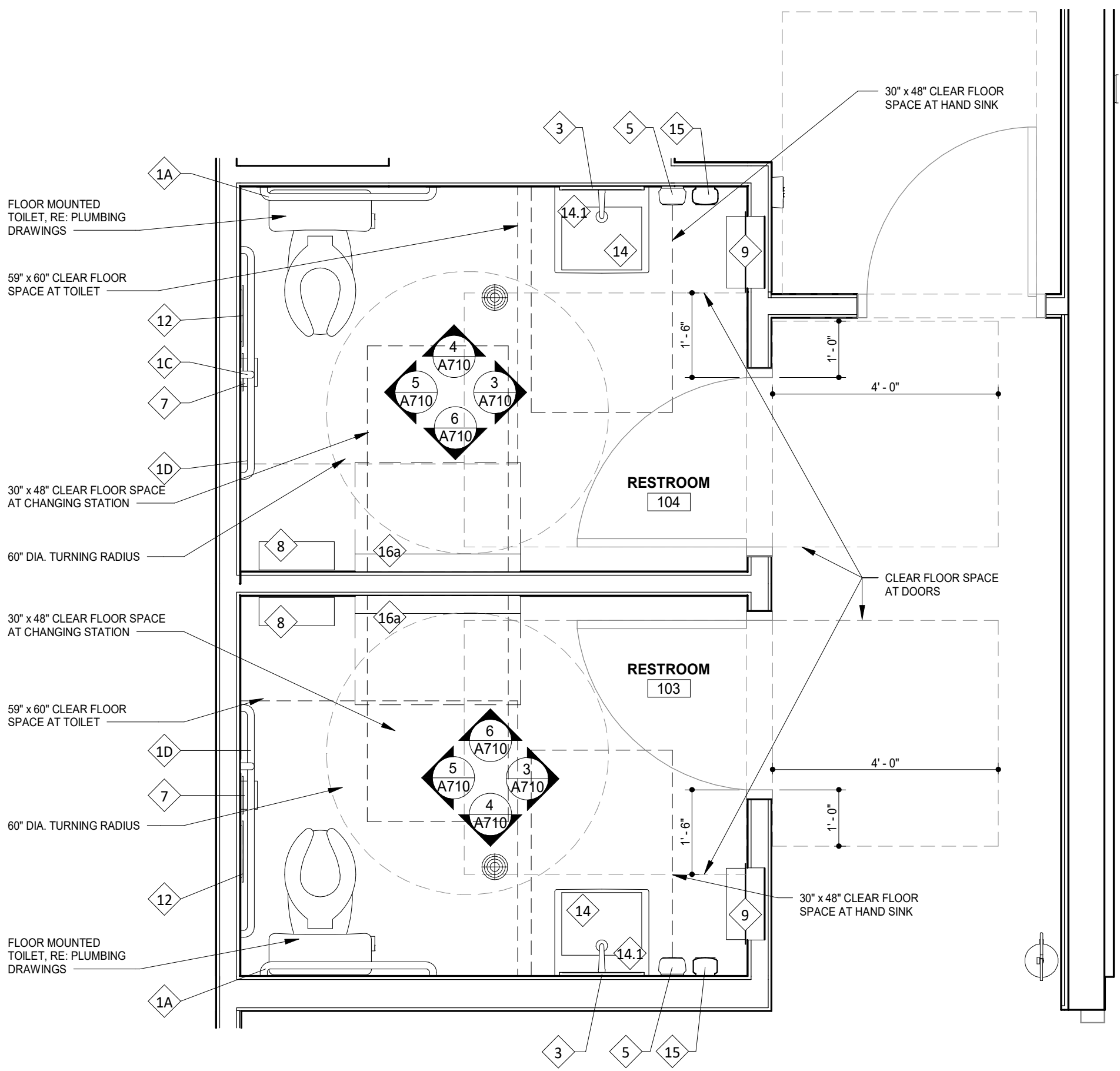
4 RESTROOM 104 ELEVATION (RESTROOM 103 OPP.)
1/2" = 1'-0"



5 RESTROOM 104 ELEVATION (RESTROOM 103 OPP.)
1/2" = 1'-0"



3 RESTROOM 104 ELEVATION (RESTROOM 103 OPP.)
1/2" = 1'-0"



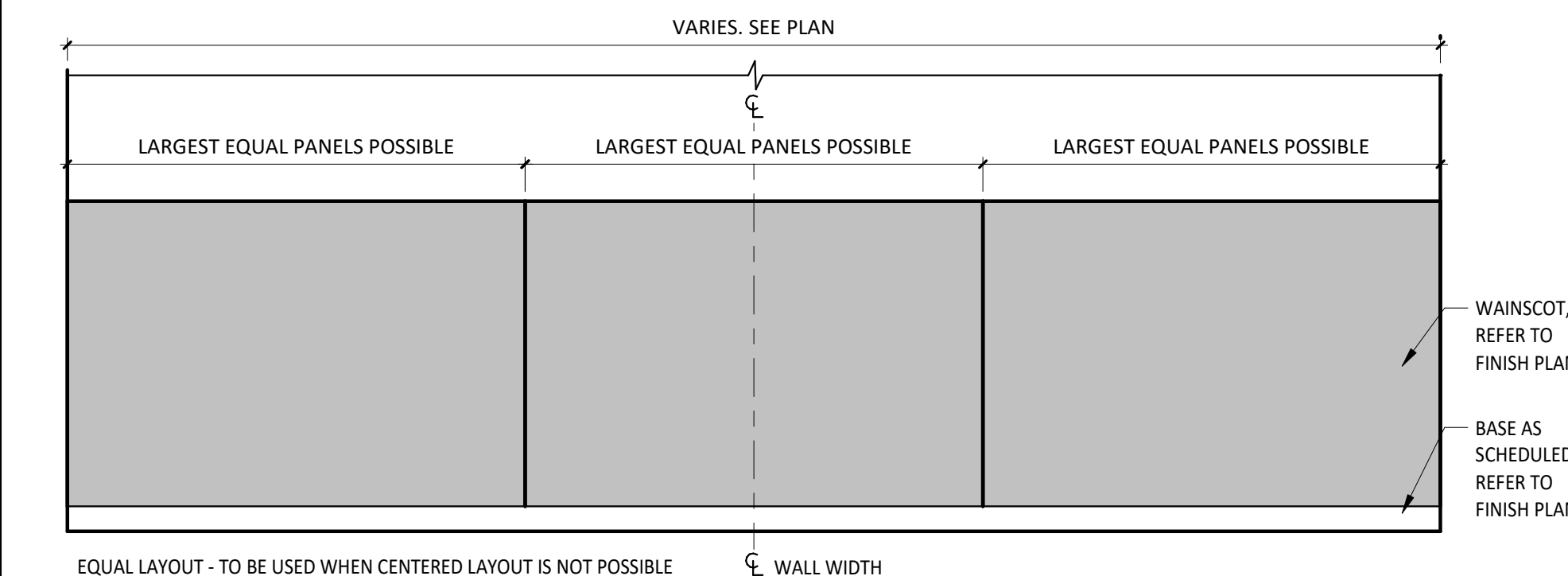
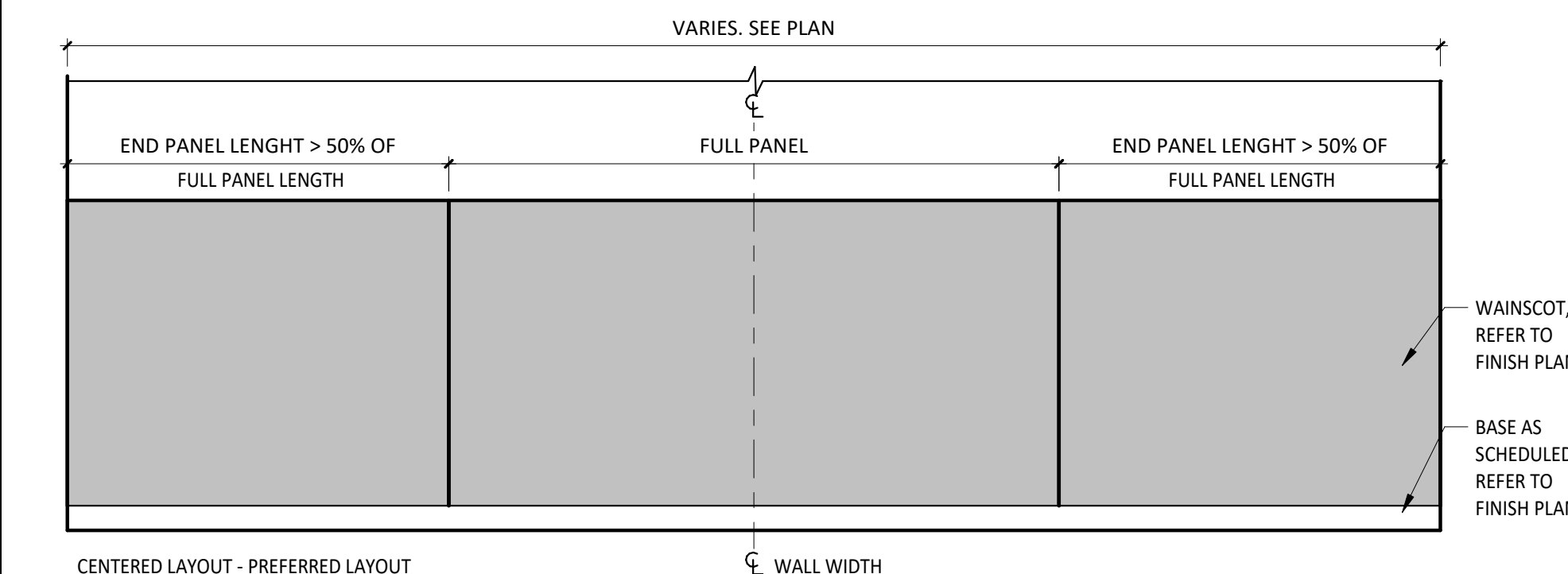
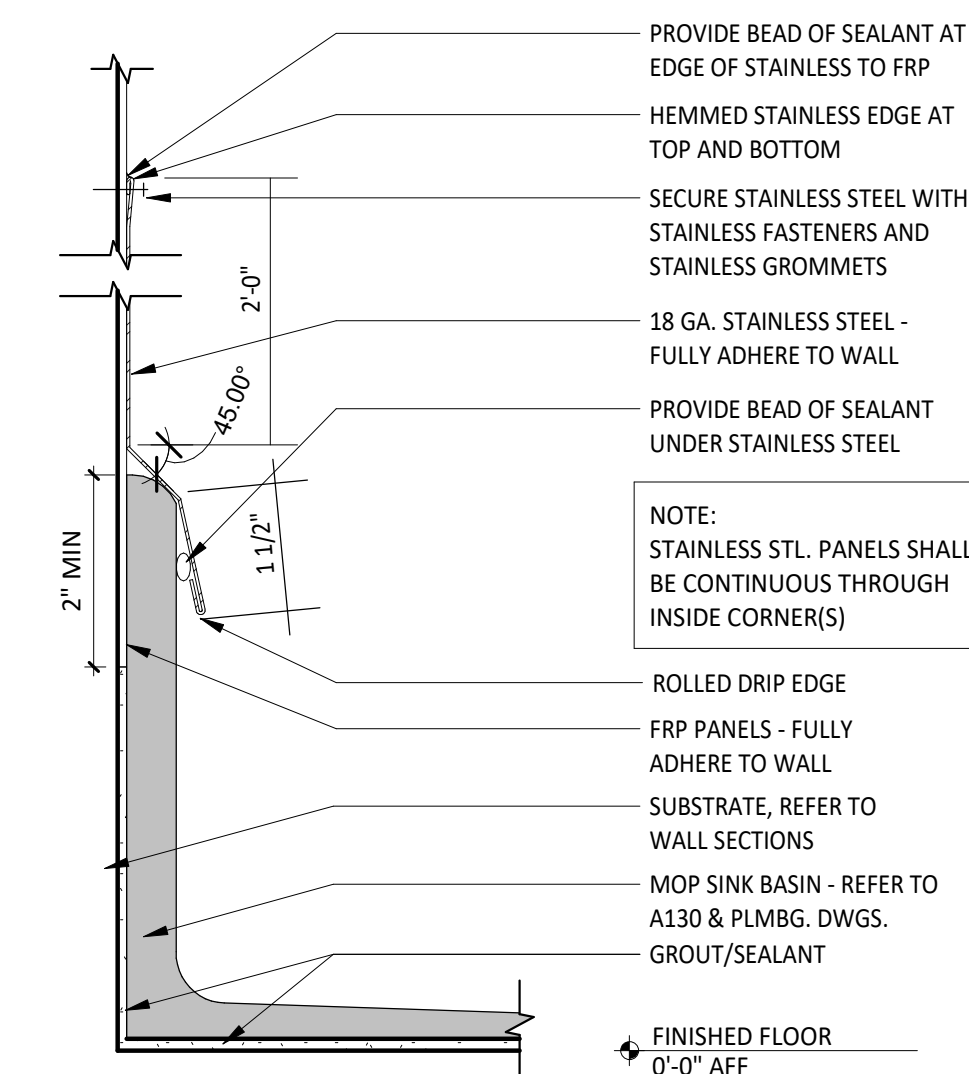
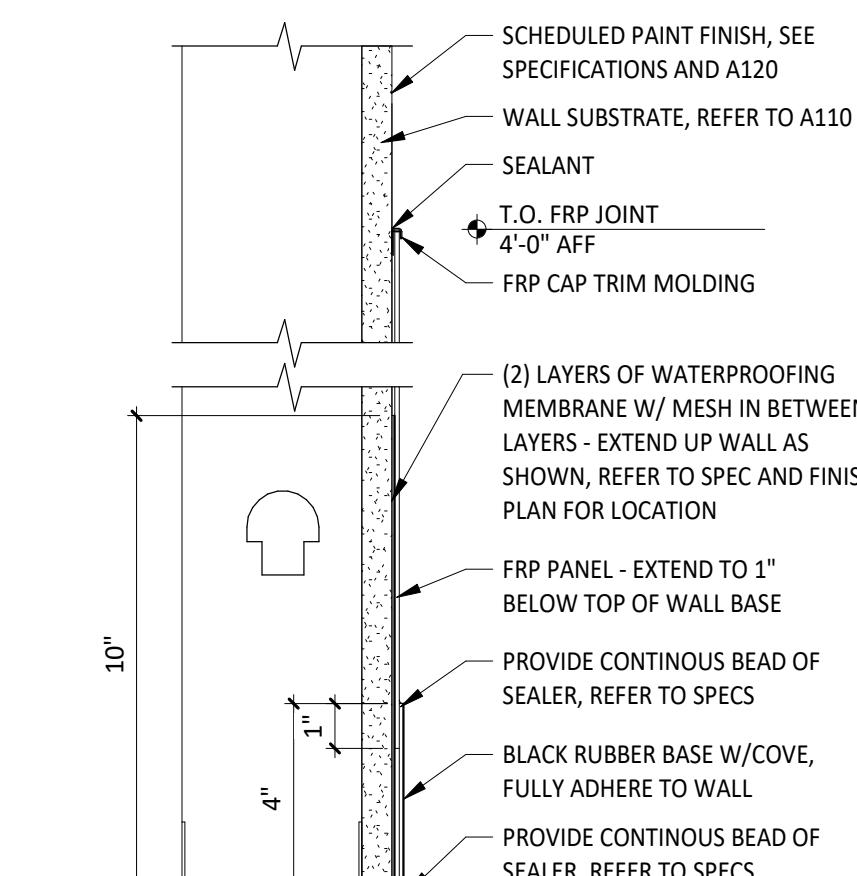
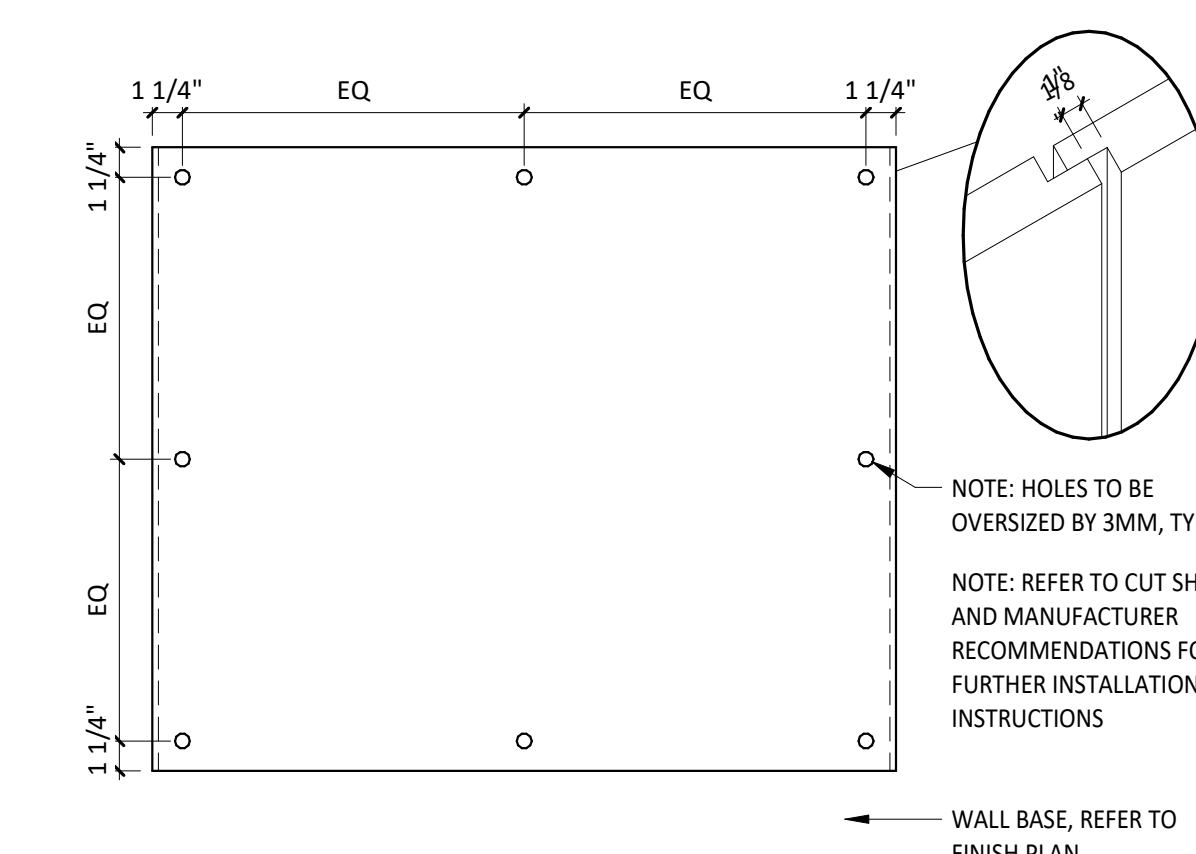
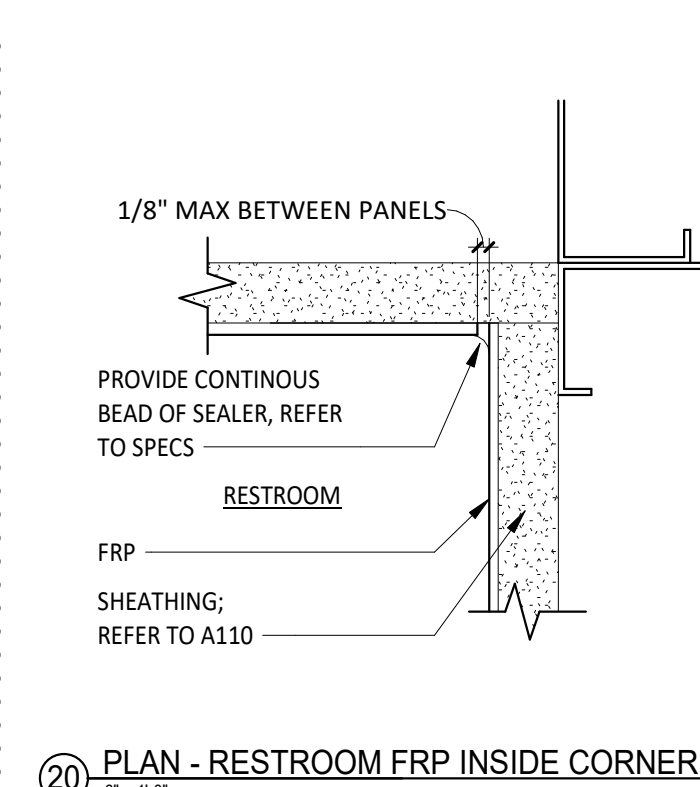
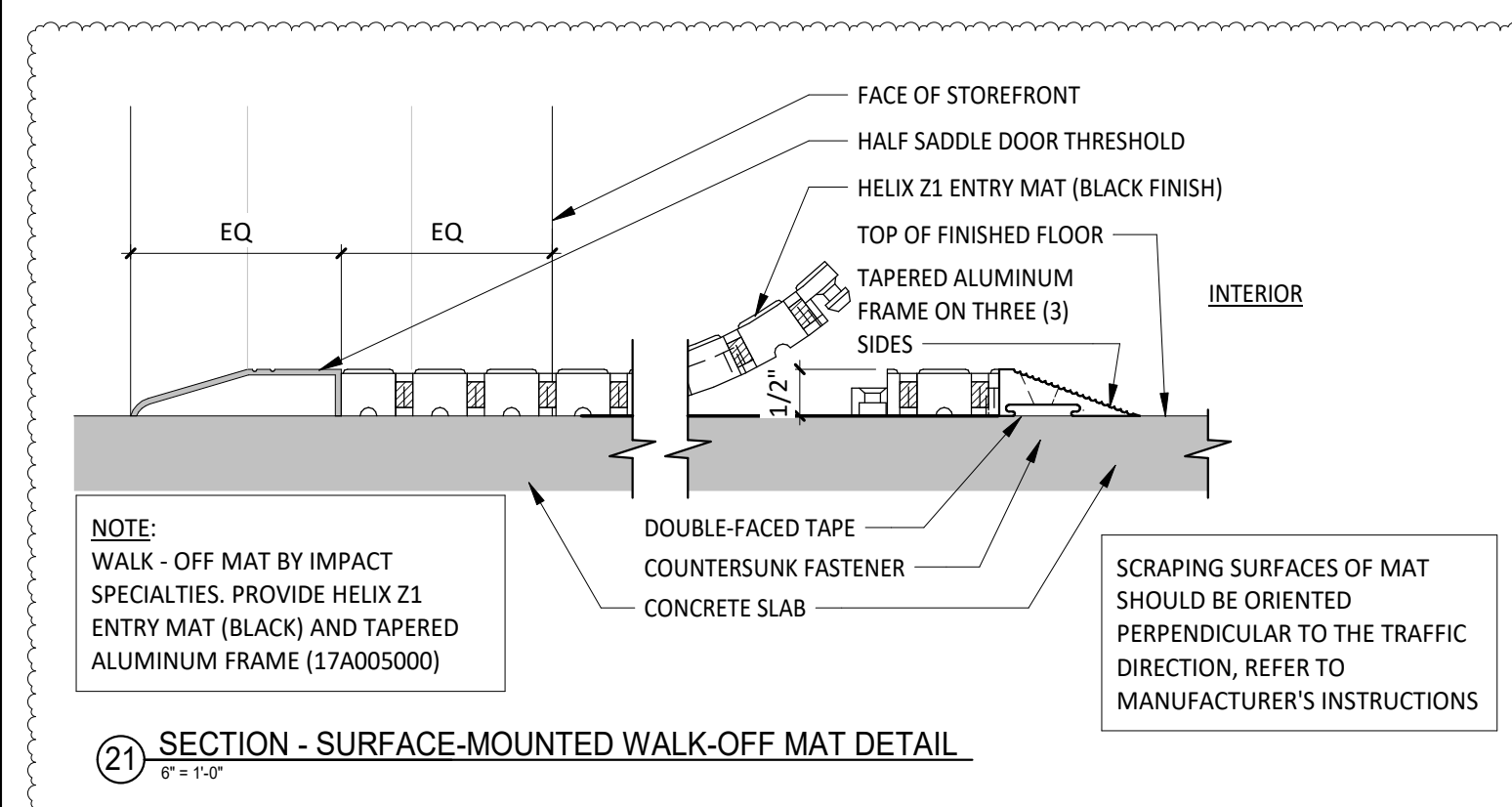
1 ENLARGED TOILET ROOM PLAN
1/2" = 1'-0"



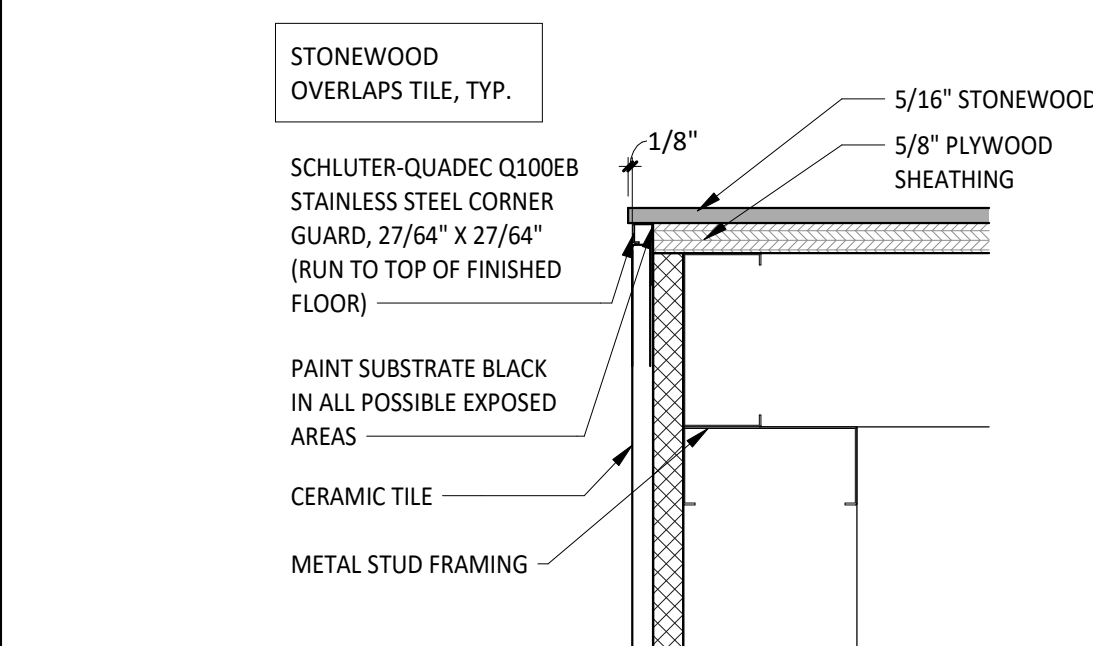
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02/05/2024	Construction Set

Revisions:

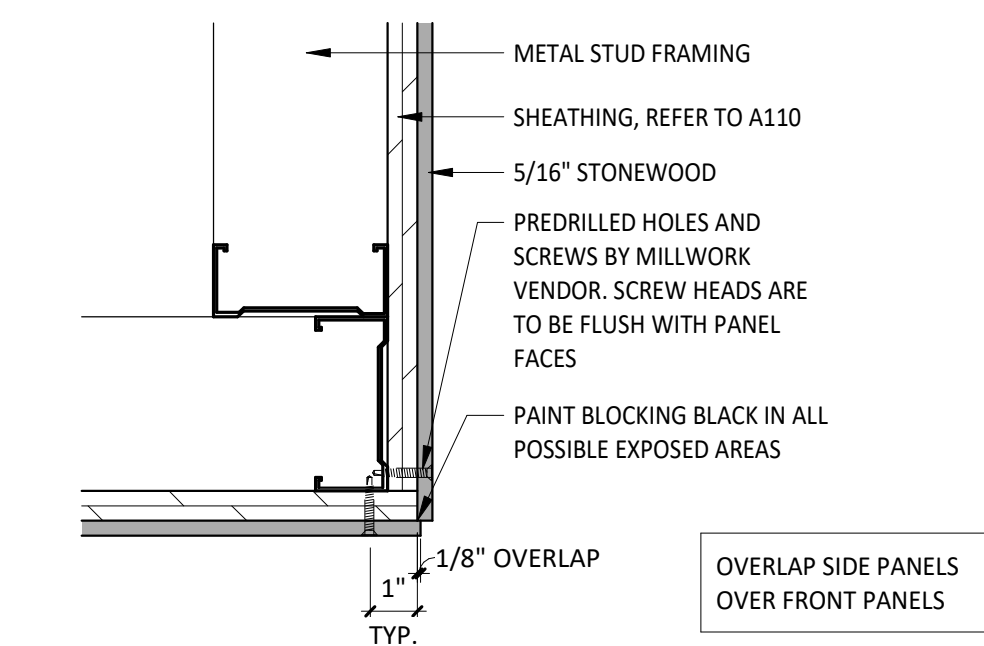
02/05/2024	Construction Set
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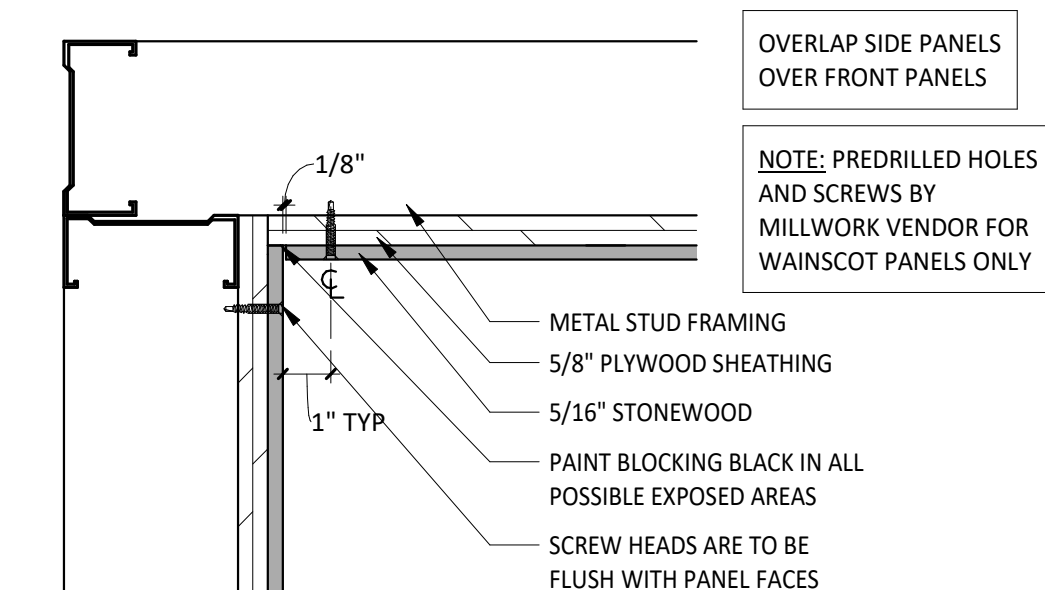
16 ELEVATION - WAINSCOT LAYOUT



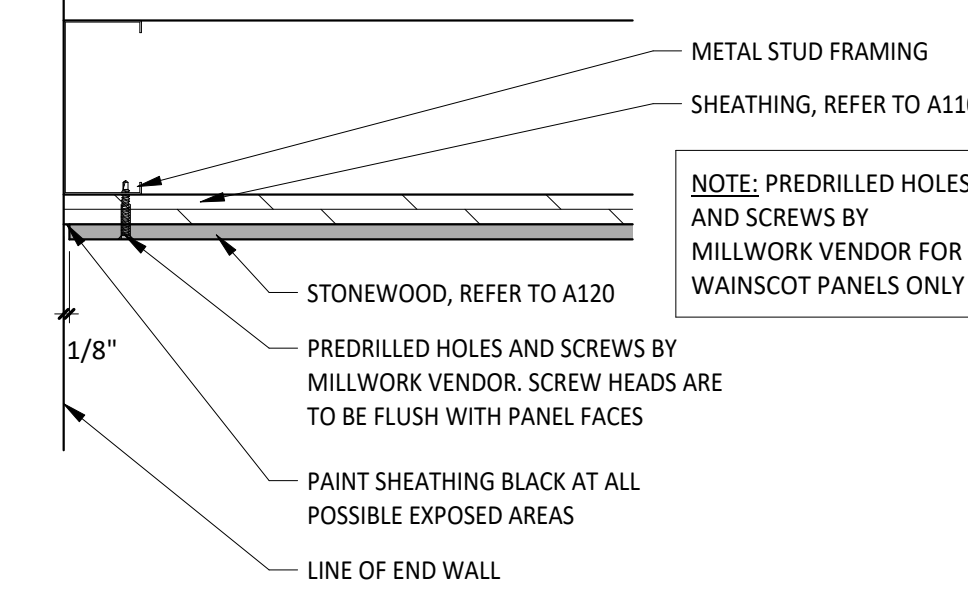
11 PLAN - STONEWOOD-TO-TILE OUTSIDE CORNER
3" = 1'-0"



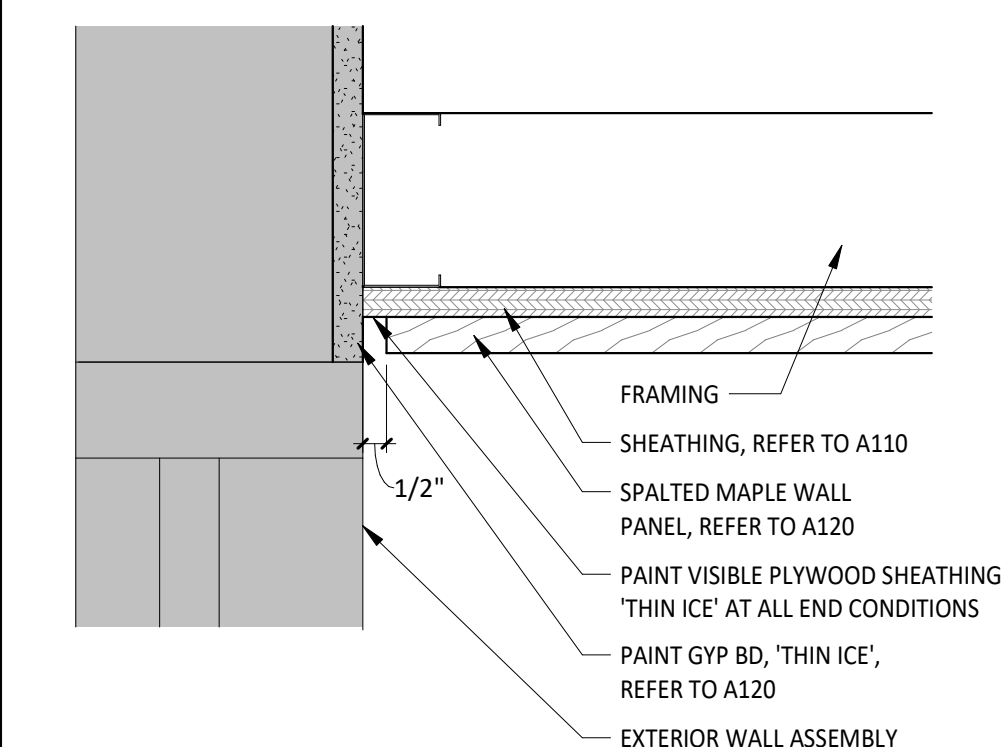
9 PLAN - STONEWOOD OUTSIDE CORNER



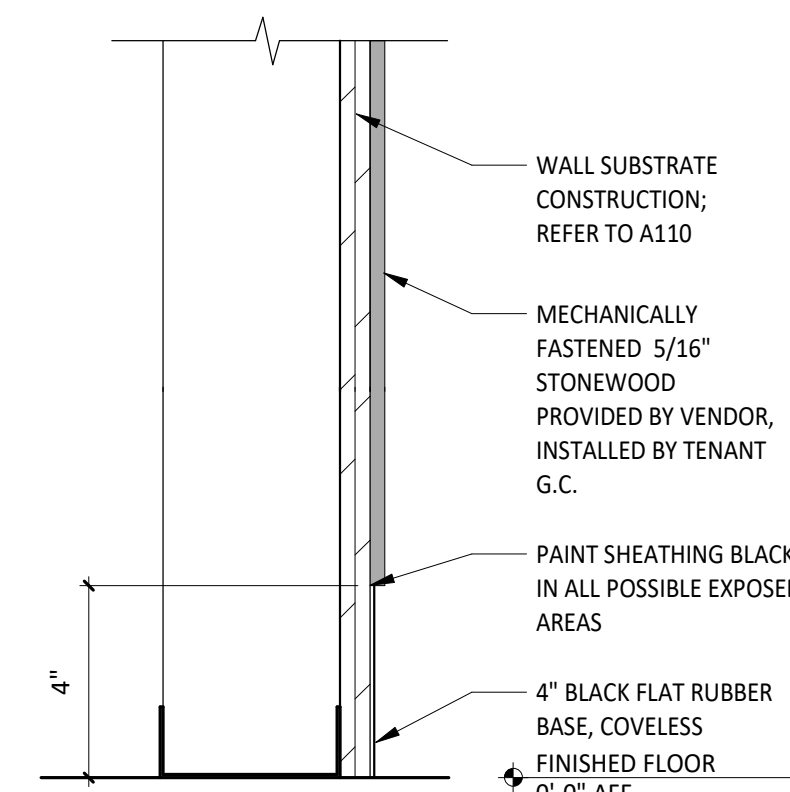
8 PLAN - STONEWOOD INSIDE CORNER
3" = 1'-0"



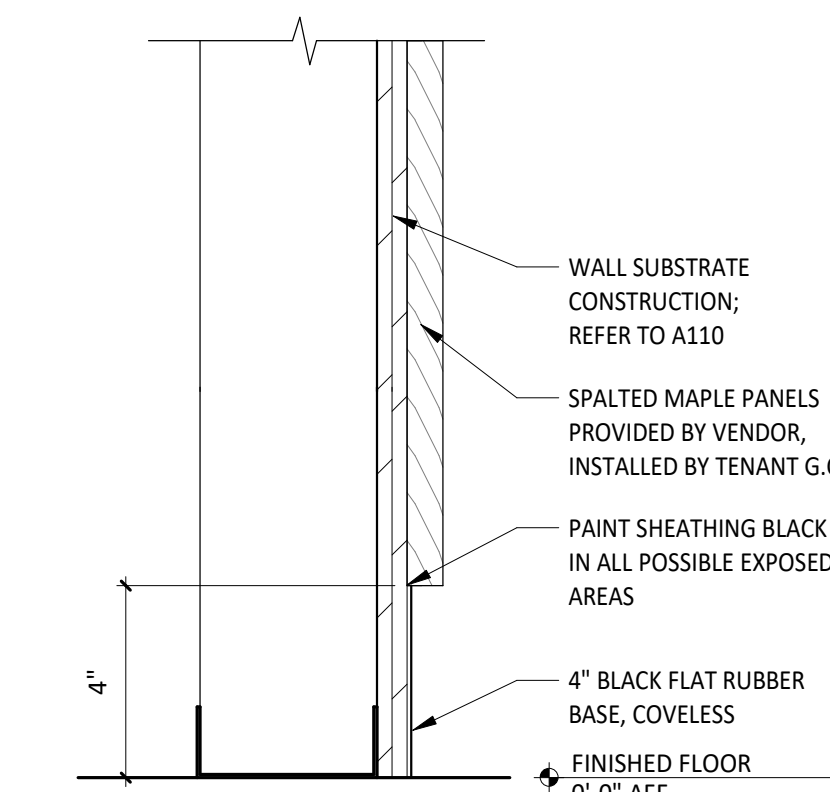
7 PLAN - STONEWOOD END CONDITION



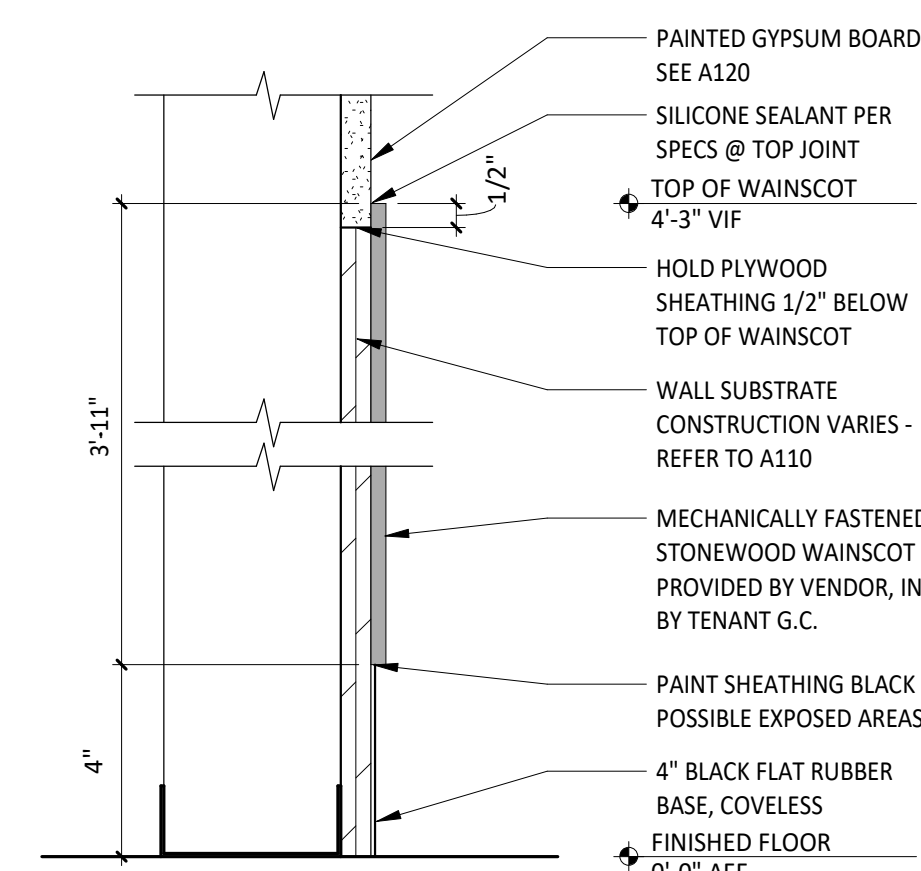
⑥ PLAN - SPALTED PLYWOOD END CONDITION



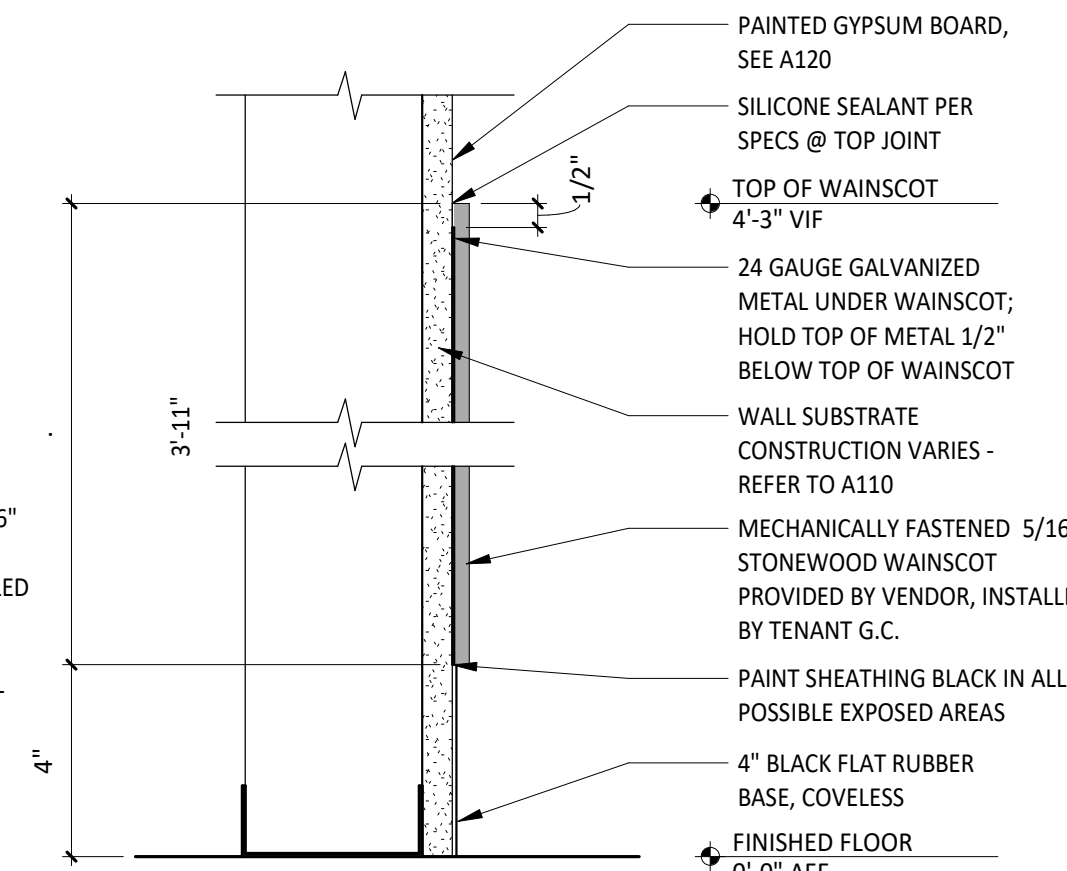
5 SECTION - STONEWOOD



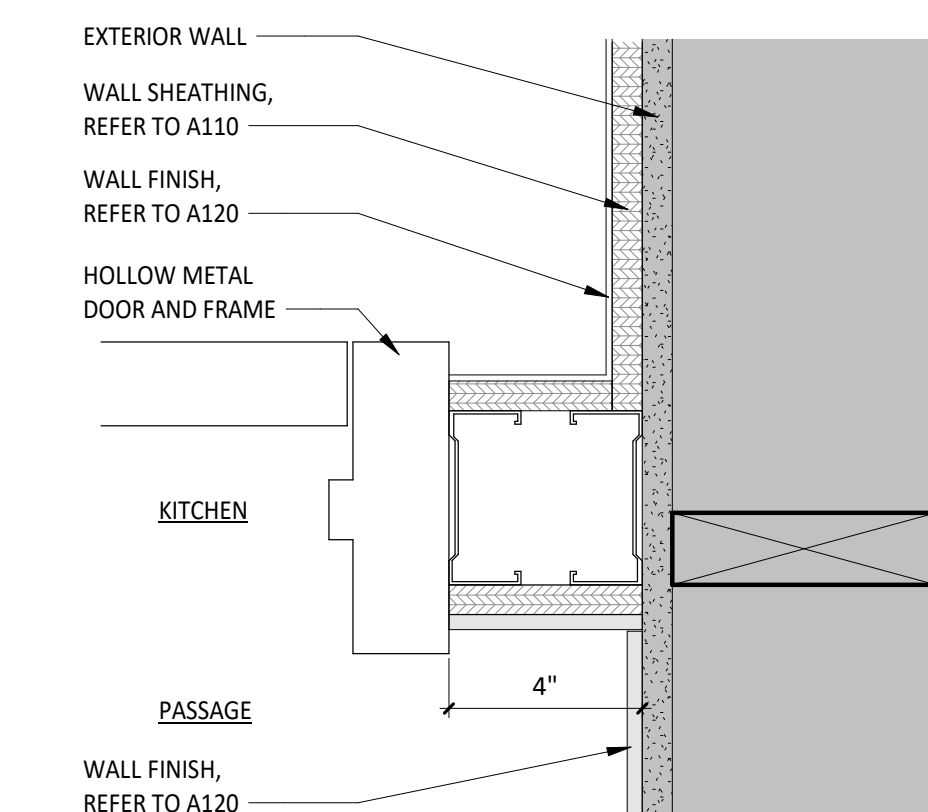
4 SECTION - SPALTED MAPLE
3" - 1' 0"



3 SECTION - WAINSCOT - PLYWOOD BACKING (PREFERRED)



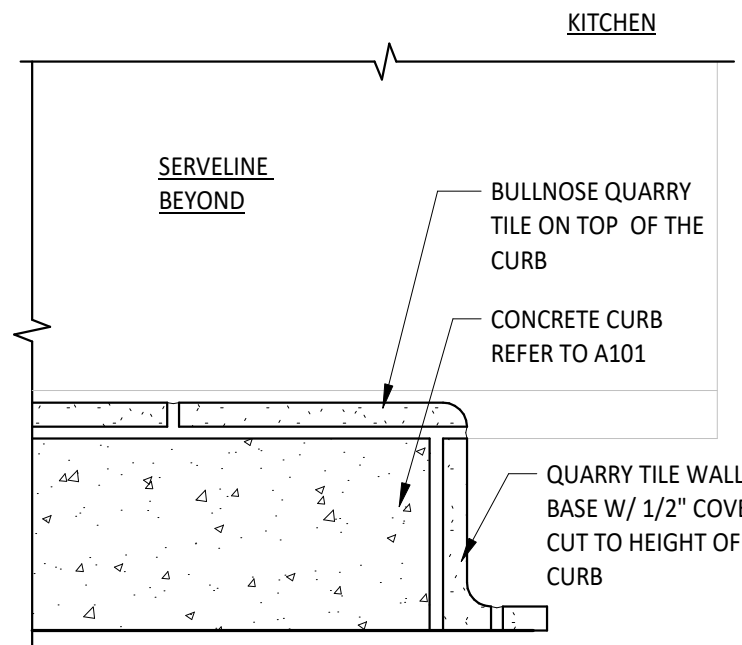
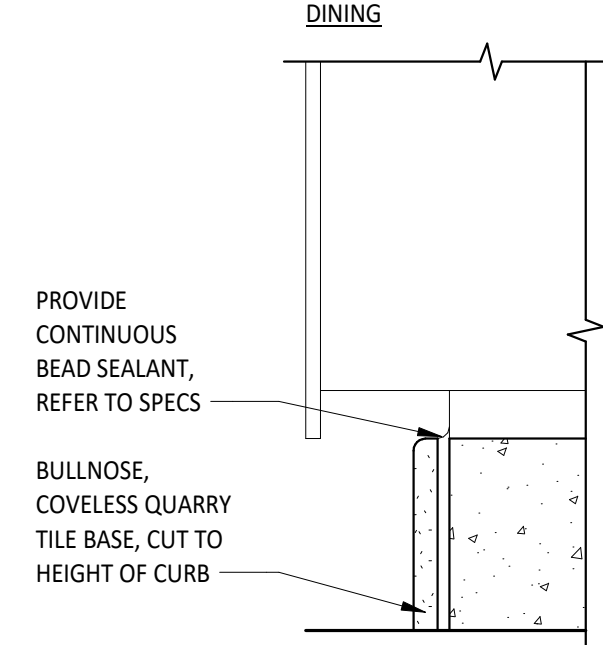
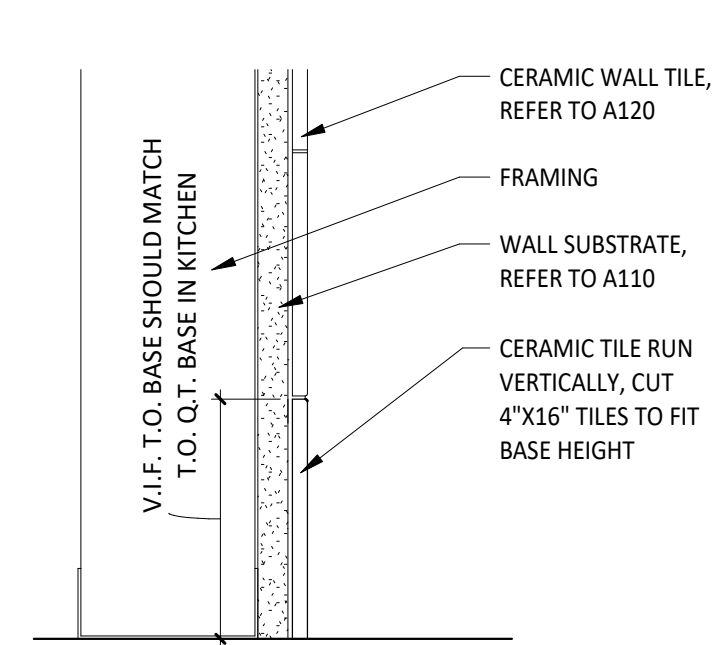
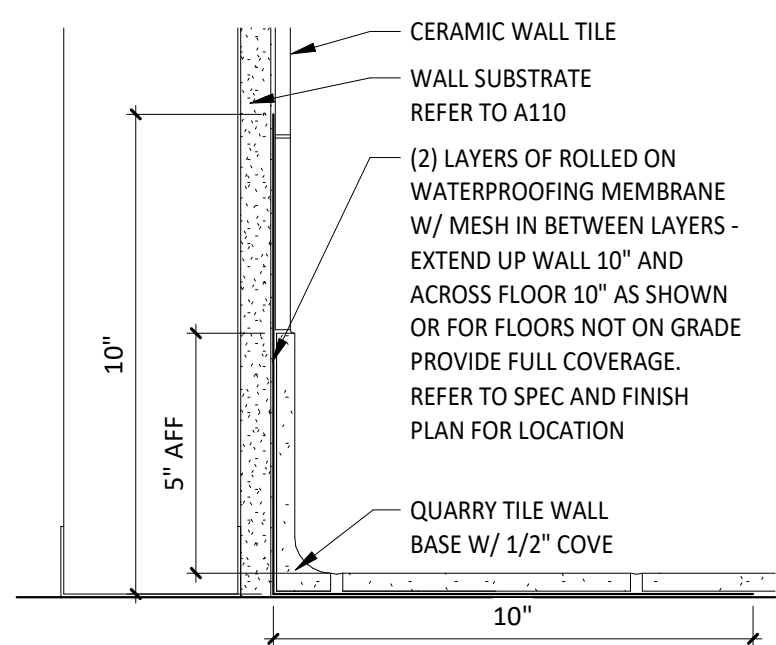
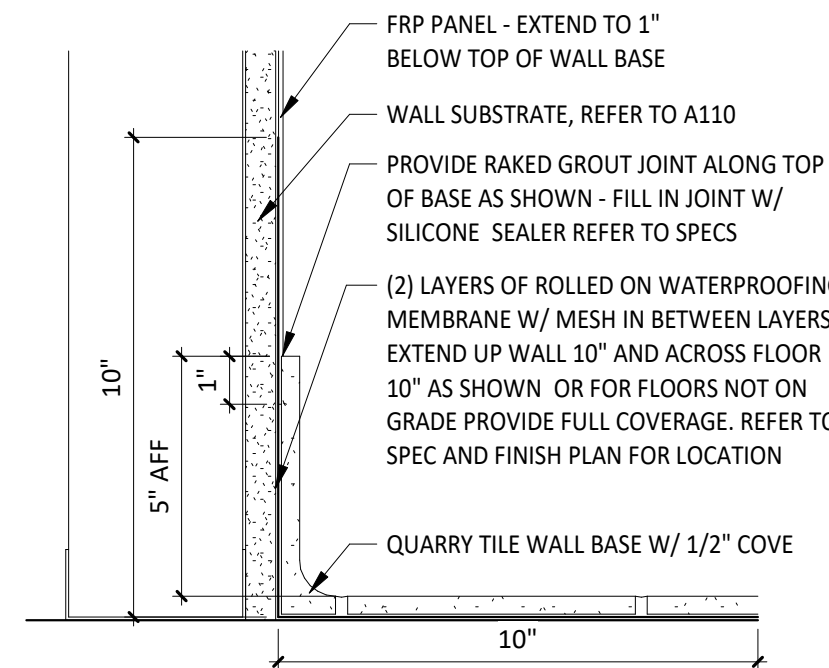
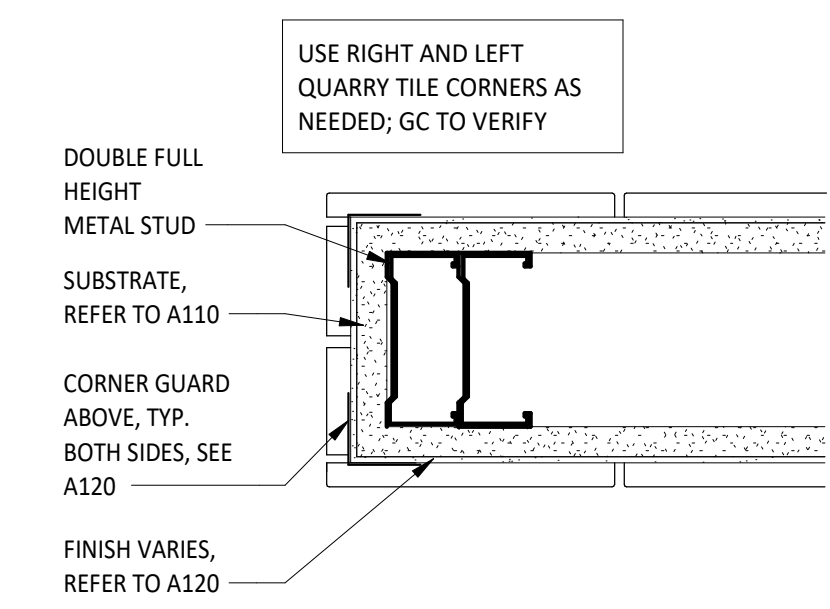
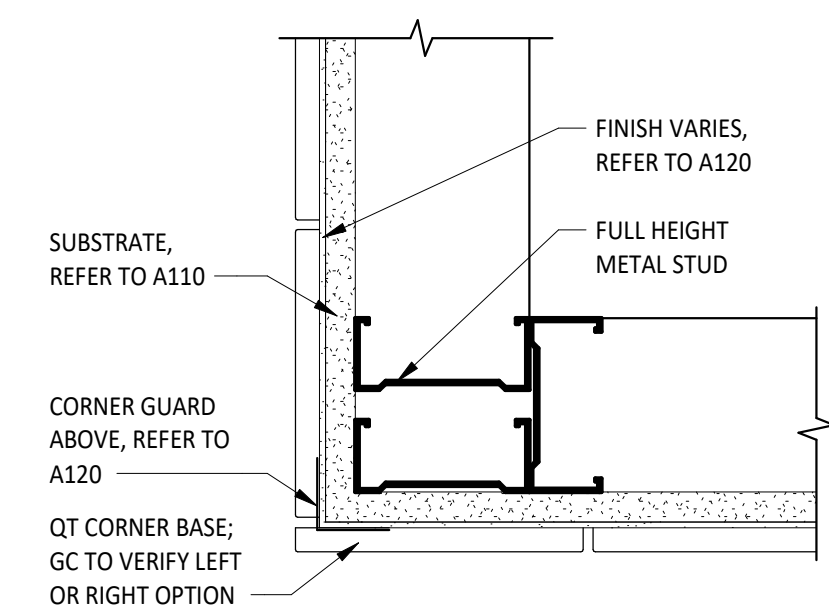
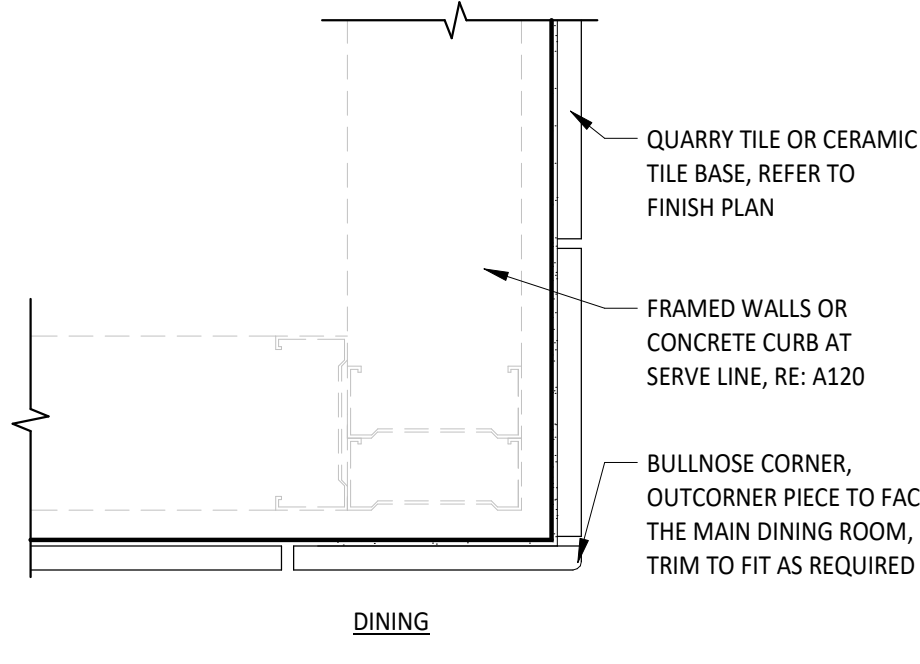
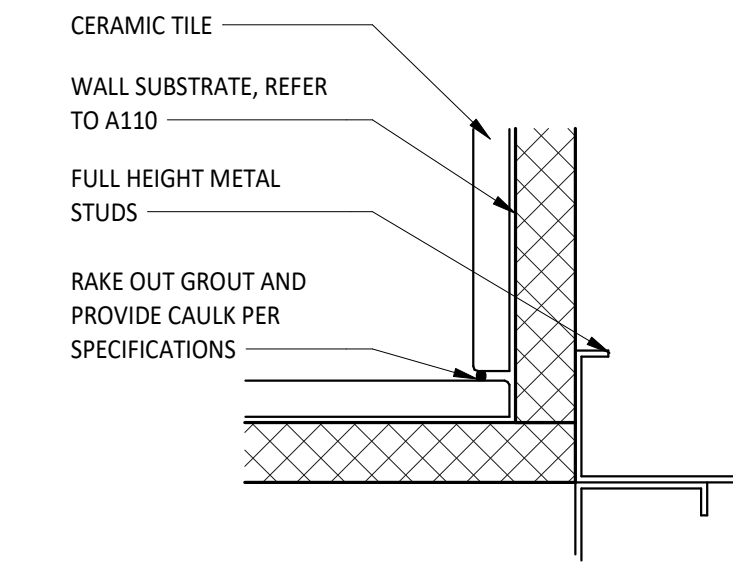
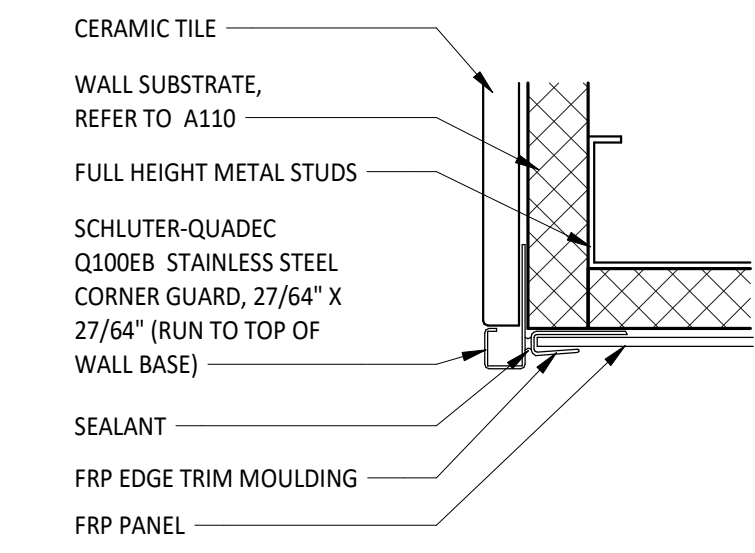
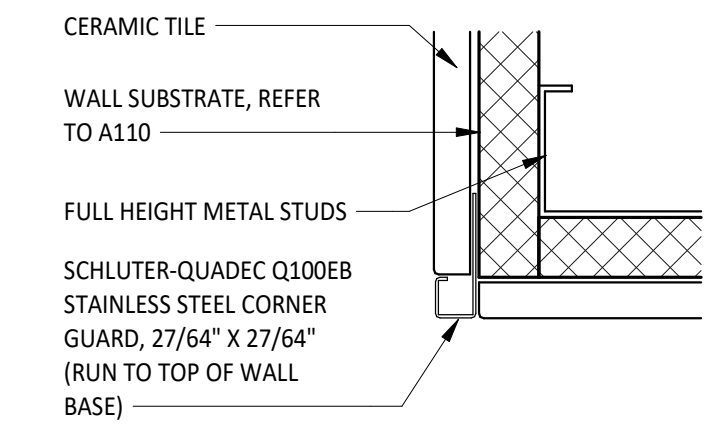
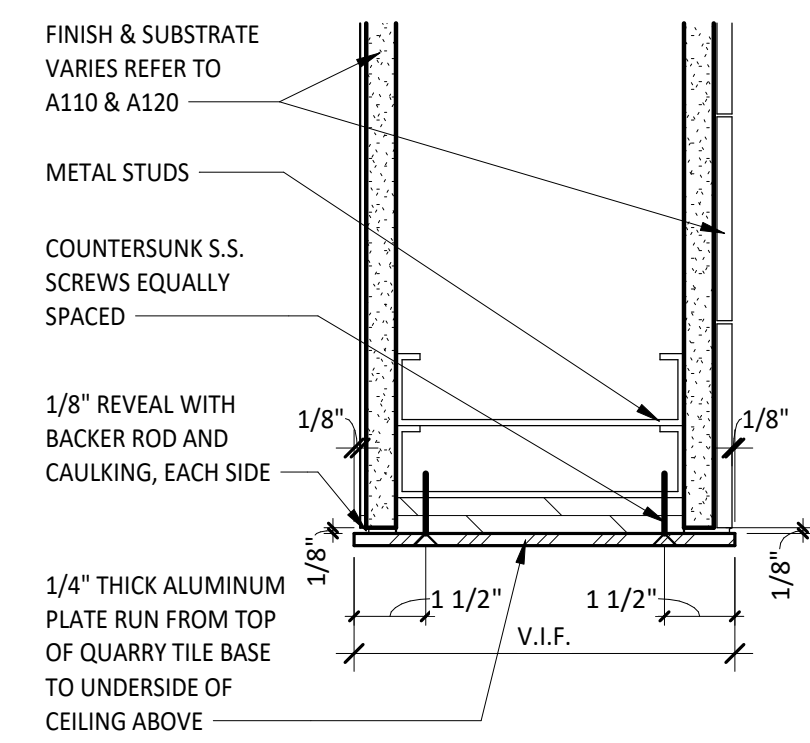
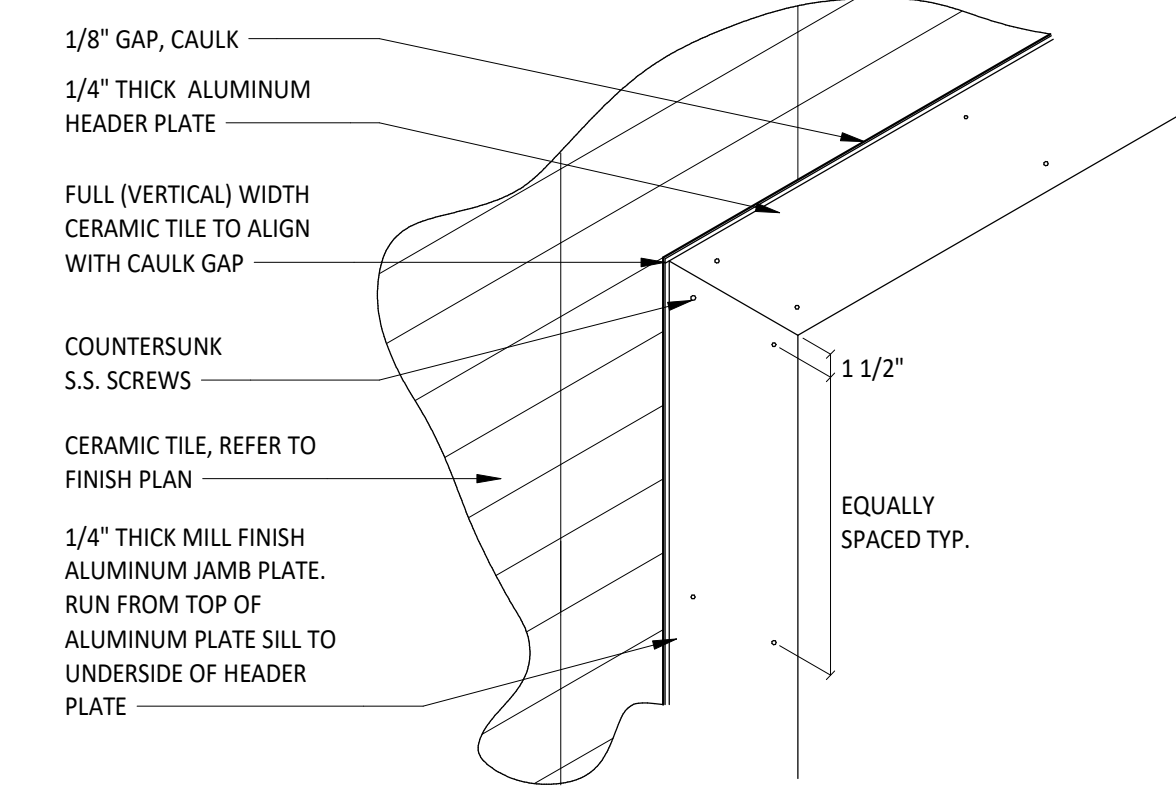
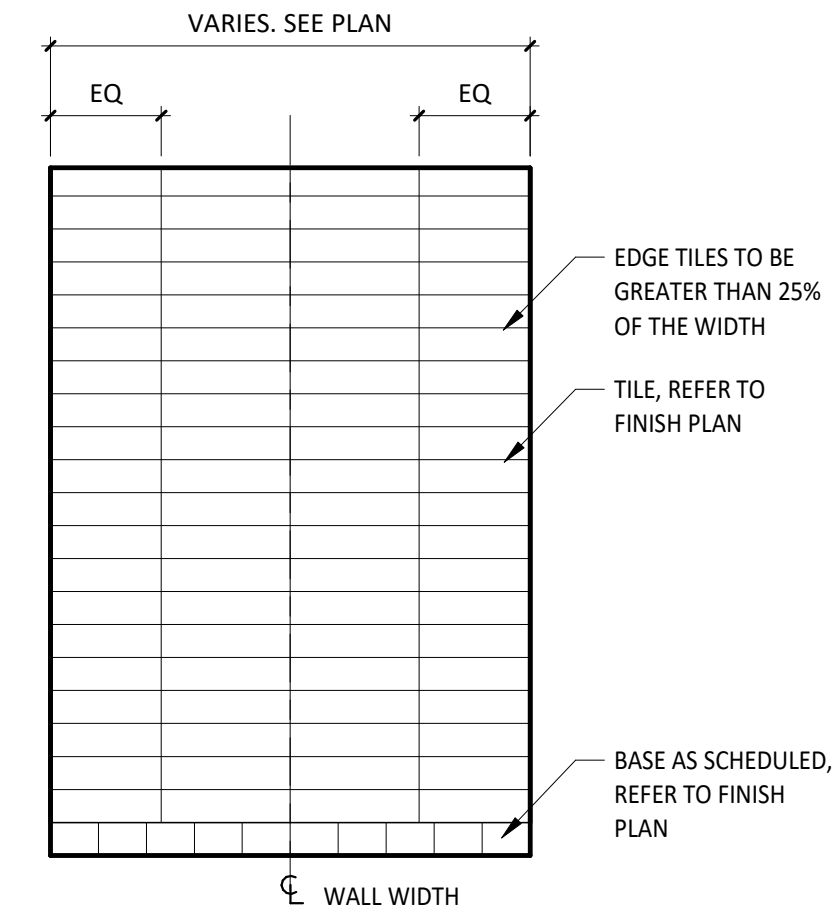
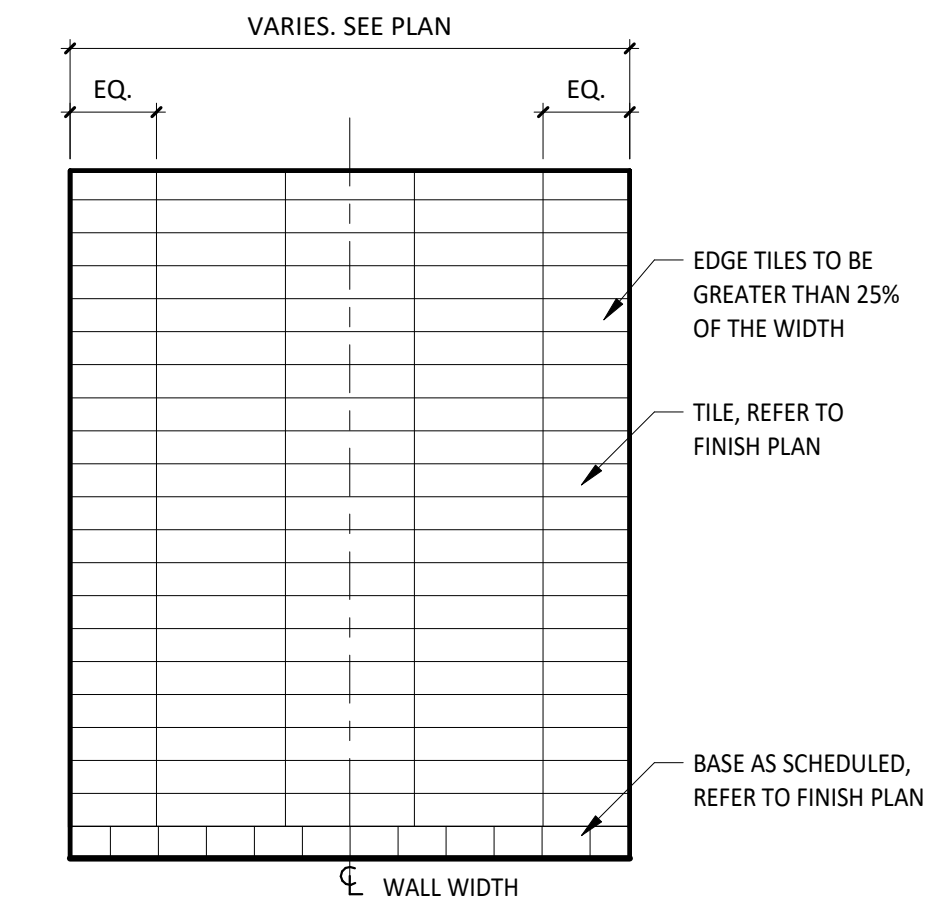
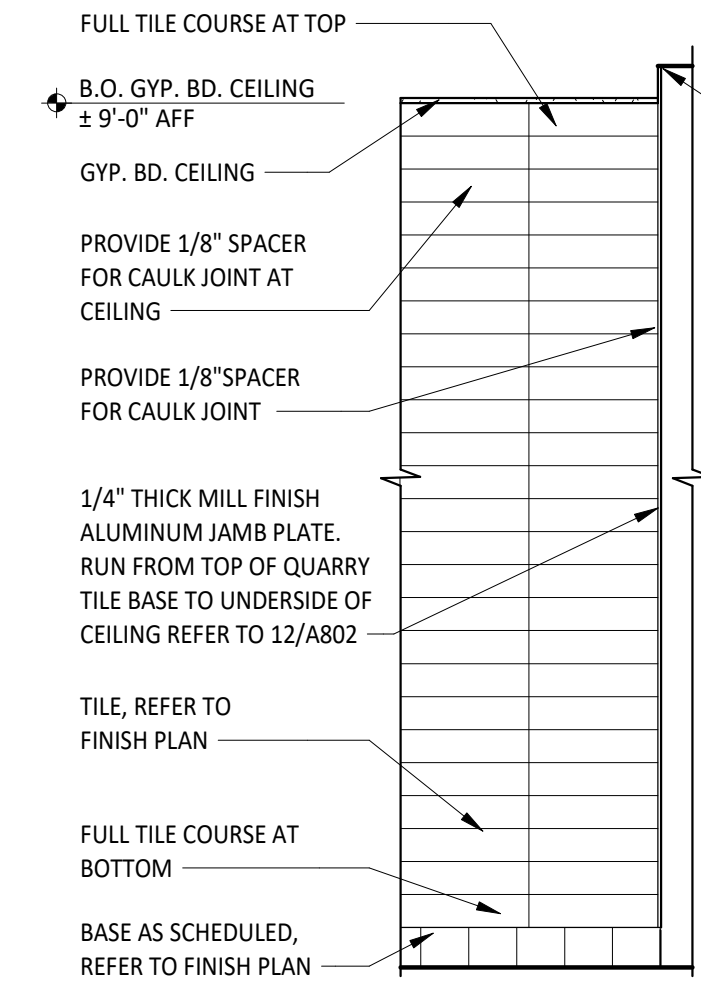
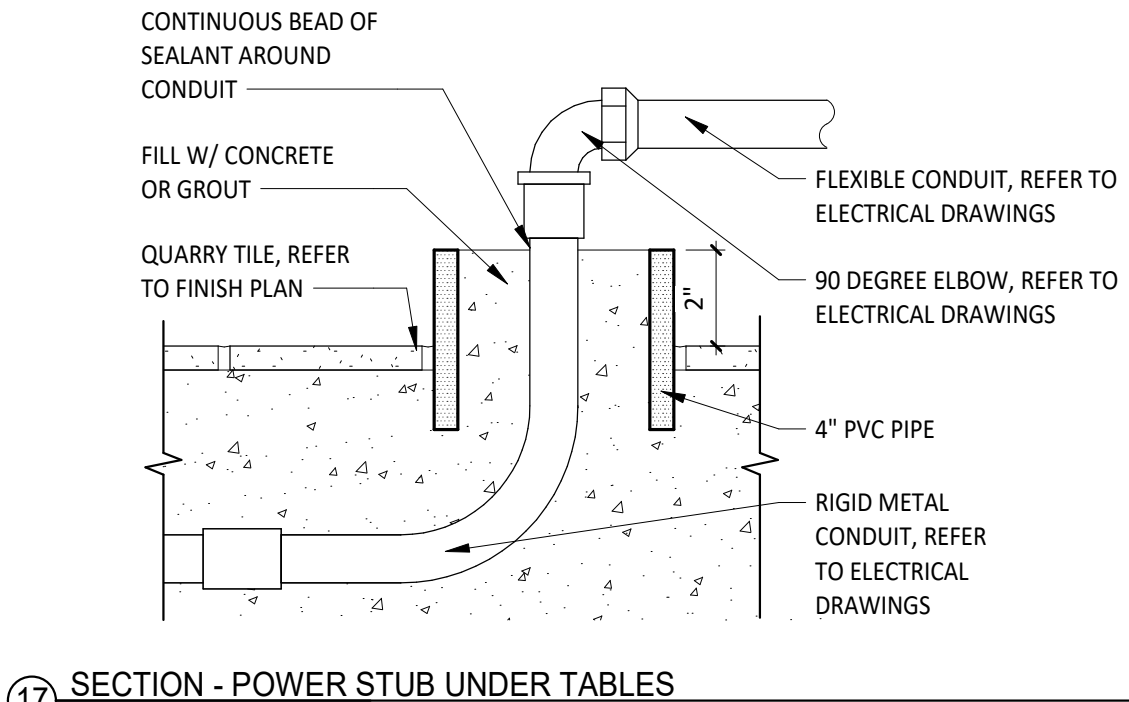
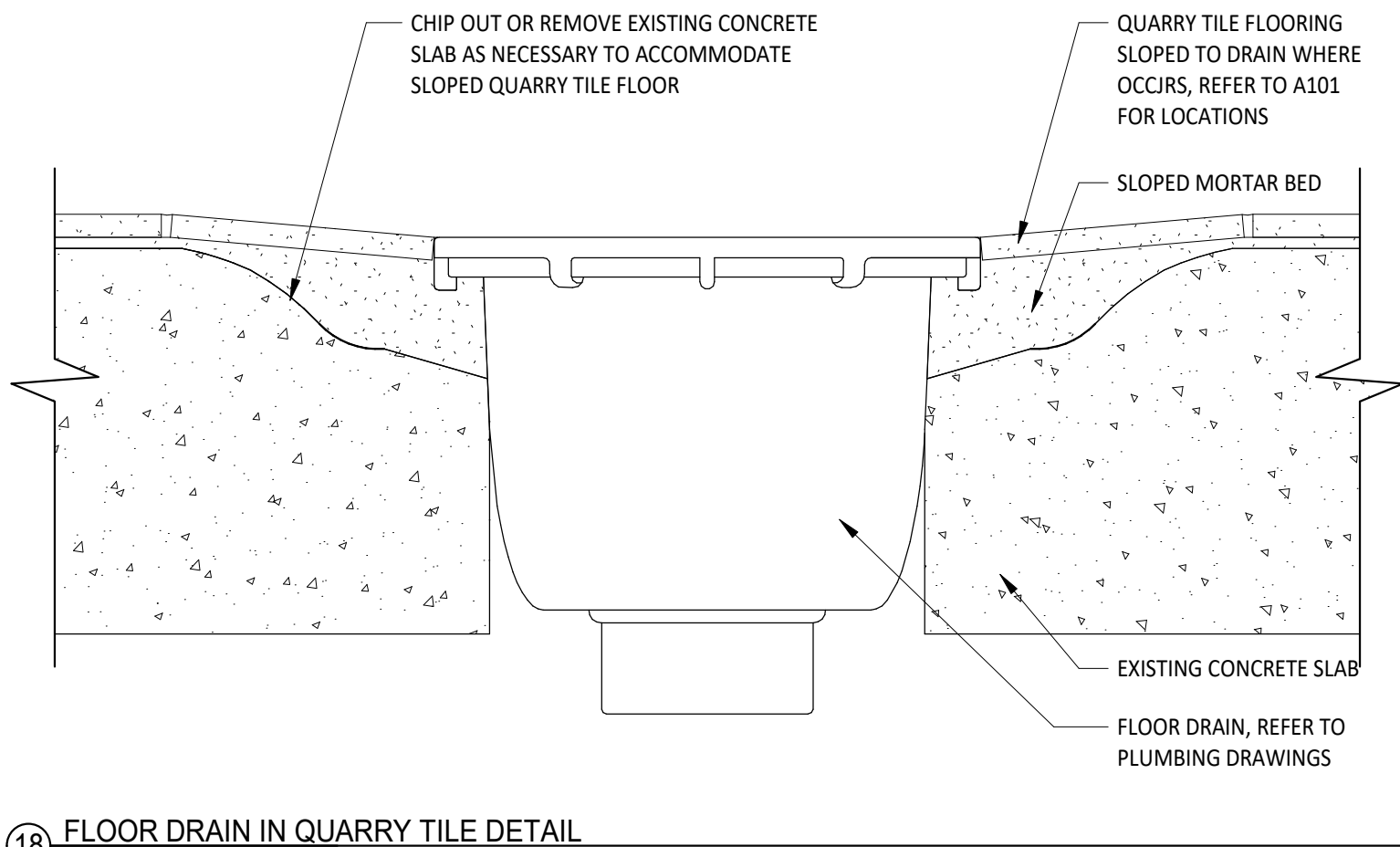
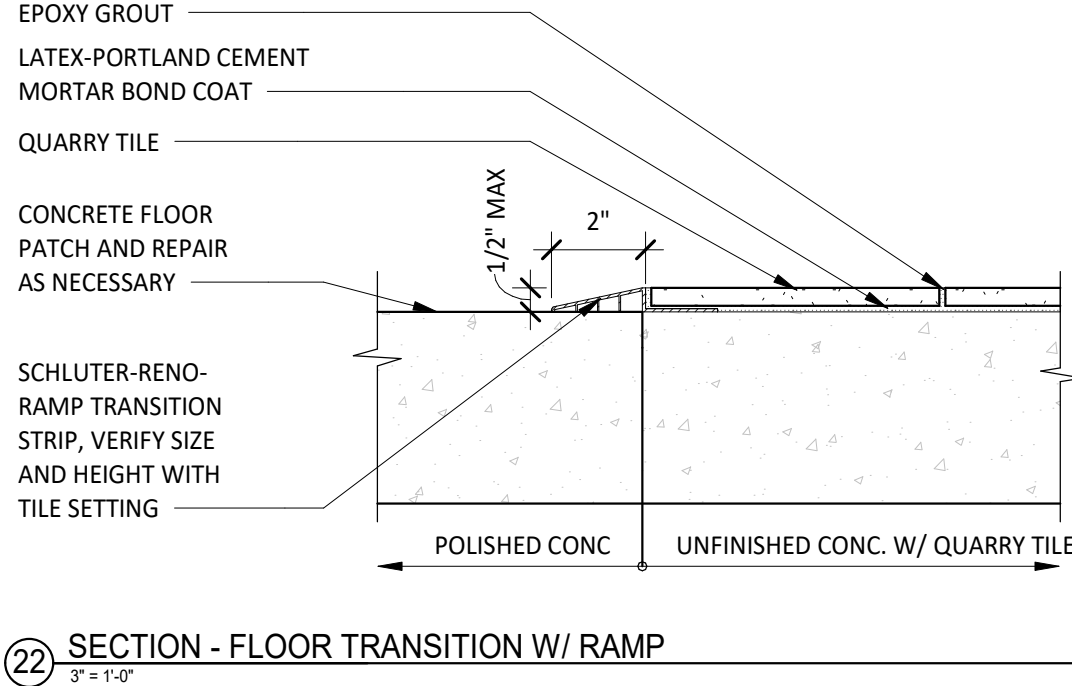
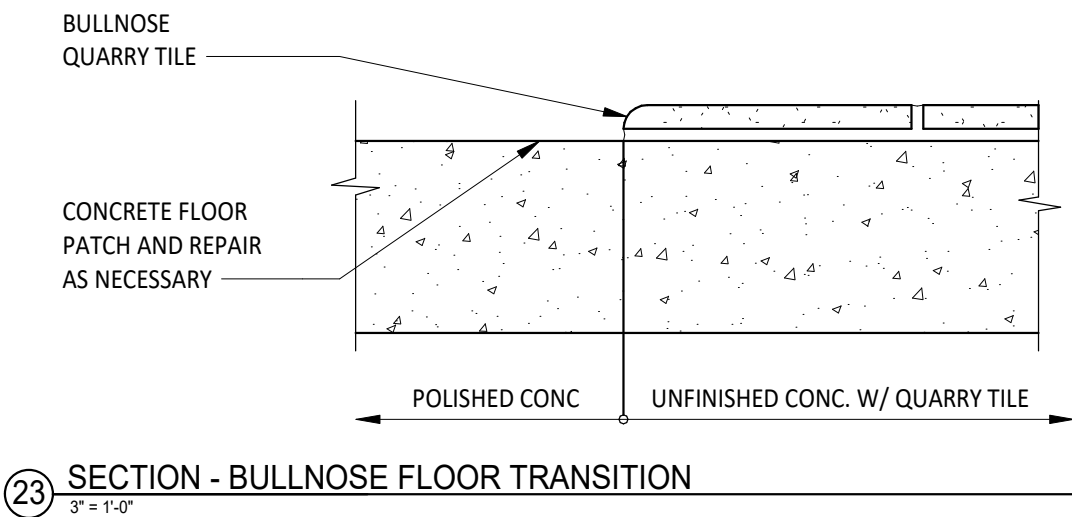
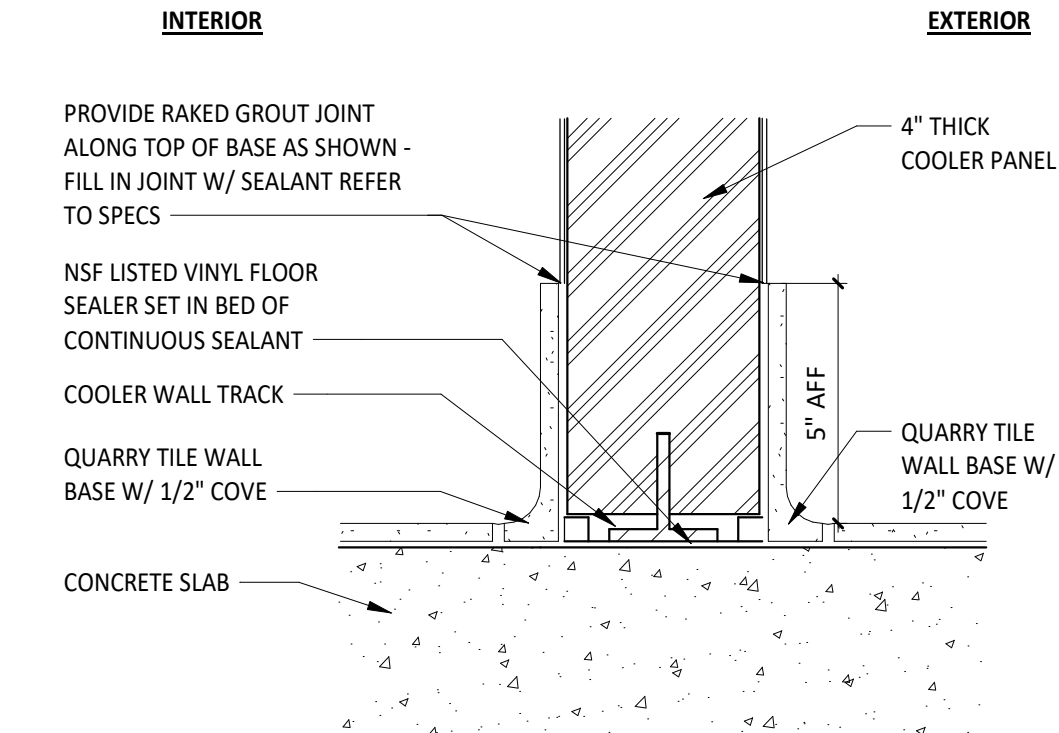
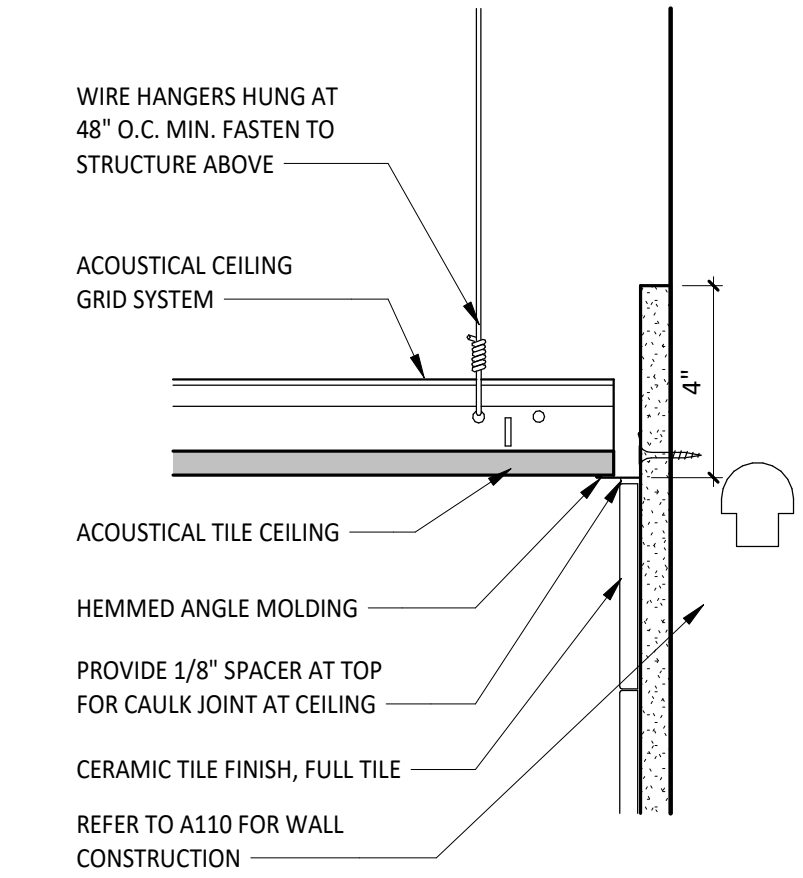
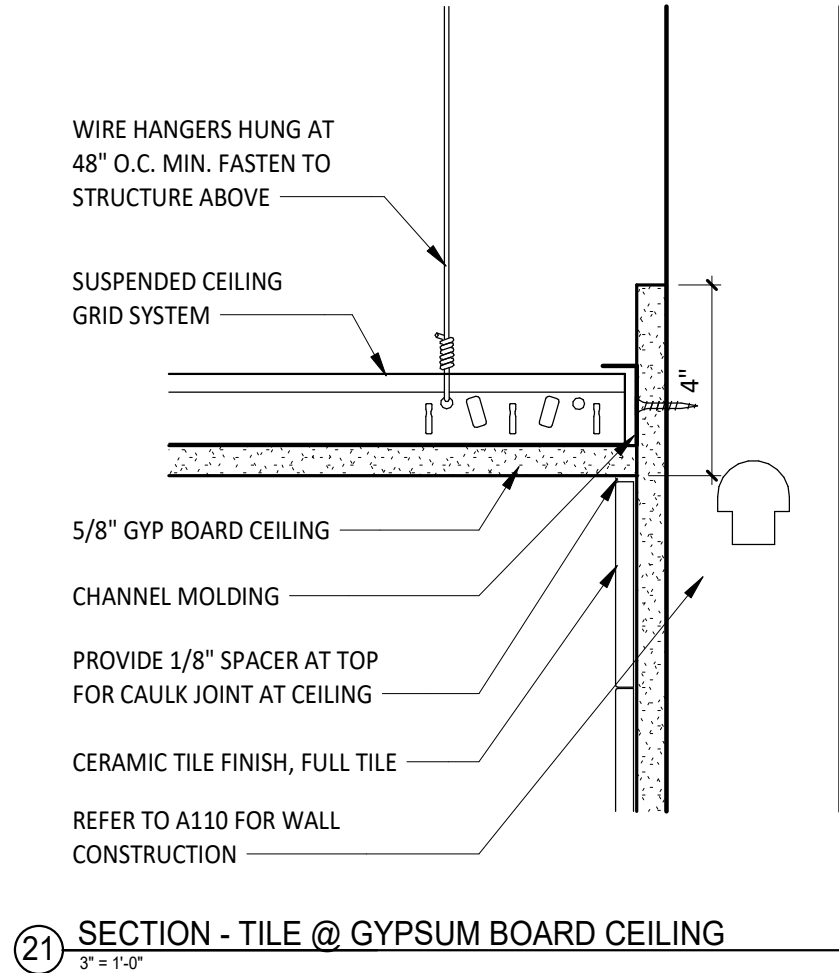
② SECTION - WAINSCOT - GALV. BACKING (@ RATED WALLS ONLY)



① PLAN - DOOR JAME

GENERAL NOTES

1. TILE INSTALLER SHALL COORDINATE WITH GENERAL CONTRACTOR AND PROVIDE LAYOUT OF ALL WALL TILE PRIOR TO INSTALLATION. GENERAL CONTRACTOR SHALL PREPARE WALLS AS TO NOT HAVE ANY CUT TILES IN EITHER DIRECTION (HORIZONTALLY OR VERTICALLY) ON ANY WALLS. LAYOUT SHALL BE APPROVED BY CHIPOTLE CM PRIOR TO INSTALLATION. CONTRACTOR SHALL CONTACT ARCHITECT OF ANY DISCREPANCIES IN DIMENSIONS FOR DIRECTION PRIOR TO INSTALLATION. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT CONTRACTOR'S COST.
2. IF REQUIRED TO CUT TILES, CONTRACTOR TO MEASURE OVERALL WALL WIDTH AND DETERMINE WHICH SOLUTION WILL ALLOW FOR THE GREATER THAN 50% TILE WIDTH AT WALL TERMINATIONS.
3. UNLESS OTHERWISE NOTED, ALL WALL TILES SHOULD BE CENTERED ON THE WIDTH OF THE WALL PER DETAIL 14 OR 15 THIS SHEET.
4. THERE SHOULD NEVER BE ANY CUT TILES VERTICALLY BETWEEN THE BASE AND THE CEILING. REFER TO A120 AND A201.



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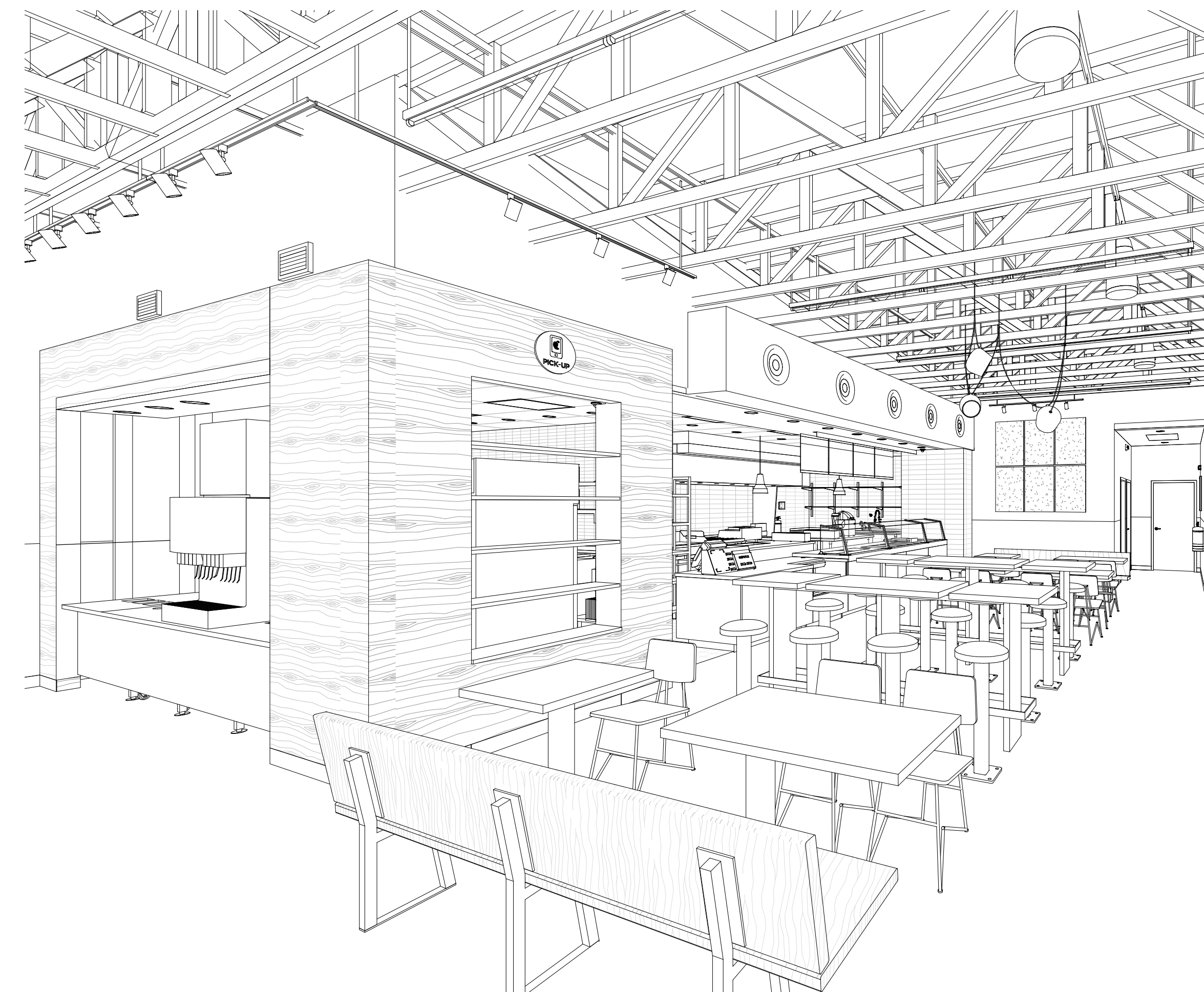
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02/05/2024	Construction Set

Revisions:	

Project No.
01673

Finish Details

A802



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DESIGN
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<u>02/05/2024</u>	<u>Construction Set</u>

Revisions:

Project No.
01673

Interior Perspectives

A900

SECTION 15732 - PACKAGED ROOFTOP AIR-CONDITIONING UNITS

PART 1- GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data and Shop Drawings.
- B. Comply with ASHRAE 15.
- C. EER: Equal to or greater than prescribed by the energy code adopted by the Authority Having Jurisdiction.
- D. Warranties: Submit a written warranty, signed by the manufacturer, agreeing to the repair or replacement of components that fail within 5 years of Substantial Completion.

PART 2 - PRODUCTS

2.1 PACKAGED UNITS, 5 TO 20 TONS

- A. Factory assembled and tested, consisting of compressors, condensers, evaporator coils, condenser and evaporator fans, refrigeration and temperature controls, filters, and dampers.
 - 1. Refer to Rooftop Heating/Cooling Unit Schedule on drawing M600 for capacities, and manufacturers.
 - 2. Evaporator Fans: Belt or direct driven, forward curved centrifugal.
 - 3. Exhaust/Relief Fans: Direct drive, forward curved centrifugal or propeller.
 - 4. Condenser Fans: Direct drive propeller.
 - 5. Refrigerant Coils: Aluminum fins and copper coil.
 - 6. Compressors: Serviceable hermetic or fully hermetic, with safety controls, hot gas bypass, and timed off controls.
 - 7. Heat Exchangers: Gas fired, with gas controls, electronic ignition, high limit cutout, and forced draft proving switch.
 - 8. Economizer controls (Comparative Enthalpy, 100% capacity).
 - 9. Smoke Detectors: Photoelectric in supply and/or return as called for in schedule on sheet M600.
 - 10. Operating Controls: Two stage heating and two stage cooling on units 7-1/2 tons and over.
 - 11. Roof curb.
 - 12. Control Wiring from T-stat to rooftop unit: Shall be 18ga / 7 conductor, rated for plenum applications.
 - 13. Control Wiring from T-stat to remote sensor: Shall be a separate 18ga / 2 conductor shielded, rated for plenum applications.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install units level and plumb and firmly anchored.
- B. Connect gas piping to burner with pipe same size as gas train inlet, and provide union with sufficient clearance for burner removal and service.
- C. Install ducts to termination in roof mounting frames. Terminate ducts through roof structure.
- D. Connect units to wiring systems and to ground.

END OF SECTION 15732

SECTION 15810 - DUCTS AND ACCESSORIES

PART 1- GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data for fire and smoke dampers.
 - B. Comply with NFPA 90A for systems serving spaces more than 25,000 cu. ft. in volume or building Types II, IV, and V construction more than 3 stories in height.
 - C. Comply with NFPA 90B for systems serving spaces in 1 or 2 family dwellings or serving spaces less than 25,000 cu. ft..
 - D. Comply with NFPA 96, "Ventilation Control and Fire Protection of Commercial Cooking Operations," for kitchen hood ducts.
 - E. Comply with UL 181 and UL 181A for ducts and closures.
 - F. Testing, Adjusting, and Balancing Agency Qualifications: AABC certified (to be furnished by Tenant).
- PART 2 - PRODUCTS
- 2.1 DUCTS
- A. Spiral Duct: Spiral Lock Seam, without insulation, G90 galvanized finish, ASTM A-653/924
 - 1. Basis of Design Manufacturers: Lindab SPIROsafe, alternates to the basis of design must be submitted for review.
 - 2. Fittings: Factory produced standing seam construction with internal sealing. Fittings with a major axis of 36" or smaller shall be 20 gauge. Fittings with a major axis of 37"-48" shall be 18 gauge.
 - B. Galvanized Steel Sheet: Forming steel, ASTM A 653/653M, G90 coating designation.
 - C. Duct Liner: ASTM C 1071, Type II, with an airstream surface coated with a temperature resistant coating. Thickness: 1-1/2 inch. R-value : 8.
 - 1. Adhesive: ASTM C 916, Type I.
 - 2. Mechanical Fasteners: Galvanized steel pin, length as required to penetrate liner plus a 1/8 inch projection maximum into the airstream.
 - D. Joint and Seam Tape: Comply with UL 181A.
 - E. Joint and Seam Sealant: Comply with UL 181A.
 - F. Rectangular Metal Duct Fabrication: Comply with SMACNA's "HVAC Duct Construction Standard" for metal thickness, reinforcing types and intervals, tie rod applications, and joint types and intervals.
- 2.2 ACCESSORIES
- A. Volume-Control Dampers: Factory fabricated volume control dampers, complete with required hardware and accessories. Single blade and multiple opposed blade, standard leakage rating, and suitable for horizontal or vertical applications.
 - B. Fire Dampers: Factory-fabricated fire dampers, complete with required hardware and accessories. UL labeled according to UL 555, "Fire Dampers".
 - C. Flexible Connectors: Flame retardant or noncombustible fabrics, coatings, and adhesives complying with UL 181, Class 1.
 - D. Flexible Ducts: Factory fabricated, insulated, round duct, with an outer jacket enclosing 2 inch thick, glass fiber insulation, R-value: 6.0, around a continuous inner liner.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Duct System Pressure Class: Construct and install each duct system with 2 inch positive and negative duct pressure classifications.
 - B. Conceal ducts from view in finished and occupied spaces. Except where noted as exposed.
 - C. Avoid passing through electrical equipment spaces and enclosures.
 - D. Support and connect metal ducts according to SMACNA's "HVAC Duct Construction Standard".
 - E. Install duct accessories according to applicable portions of details of construction as shown in SMACNA standards.
 - F. Install liner and/or insulation on ductwork per the material schedule on sheet M010.
 - G. Install volume control dampers in lined duct with methods to avoid damage to liner and to avoid erosion of duct liner.
 - H. Install fire and smoke dampers according to manufacturer's UL approved written instructions.
 - I. Install fusible links in fire dampers.
 - J. Provide saddle taps at tees for exposed ductwork.
- 3.2 TESTING, ADJUSTING, AND BALANCING
- A. The Tenant will supply an independent balance agent to to balance and adjust the HVAC installation. The balance agent will be responsible for any pulley or belt changes required.
 - B. The GC is to have trained staffed available during the balancing to correct issues noted by the balance agent.
 - C. The balance agent is to balance airflow within distribution systems, including submains, branches, and terminals to indicated quantities +/- 10%. The hood exhaust system shall be balanced to a tolerance of -0+10% and the make-up air system to a tolerance of -10+0%.
 - D. The balance agent is to supply a copy of the balance report to the Tenant, engineer and general contractor for review.

END OF SECTION 15810

SECTION 15855 - DIFFUSERS, REGISTERS, AND GRILLES

PART 1- GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: None.

PART 2 - PRODUCTS

2.1 OUTLETS AND INLETS

- A. All air terminal devices:
 - 1. Refer to Grills, Registers, and Diffusers Schedule for equipment schedule
 - 2. Manufacturer: As scheduled (NO SUBSTITUTIONS)
 - 3. Material: As scheduled.
 - 4. Finish: As scheduled.
 - 5. Mounting: As scheduled.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Coordinate location and installation with duct installation and installation of other ceiling and wall mounted items.
- B. Locate ceiling diffusers, registers, and grilles, as indicated on the architectural "reflected ceiling plans." Unless otherwise indicated, locate units in center of acoustical ceiling panels.

END OF SECTION 15855

HVAC GENERAL NOTES

- A. GENERAL NOTES APPLY TO HVAC SHEETS.
- B. WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION, INCLUDING APPLICABLE SECTIONS OF NFPA, THE MECHANICAL CODE, AND ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL. PURCHASE PERMITS ASSOCIATED WITH THE WORK. OBTAIN INSPECTIONS REQUIRED BY CODE. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.
- C. CONTRACTOR AND SUBCONTRACTORS SHALL REVIEW A COMPLETE SET OF THE CONSTRUCTION DOCUMENTS.
- D. COORDINATE WORK WITH THE WORK OF OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND OF THE EXISTING CONDITIONS AT THE PROJECT SITE.
- E. DRAWINGS FOR THE MECHANICAL WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWING SHALL NOT BE SCALED FOR EXACT MEASUREMENTS, REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, OFFSETS, ACCESSORIES, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- F. DUCT DIMENSIONS ON PLANS INDICATE DIMENSIONS OF INTERNAL FREE AREA.
- G. PERFORATED CEILING DIFFUSERS SHALL BE 4-WAY UNLESS NOTED OTHERWISE.
- H. COORDINATE ROOF WORK WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
- I. UNLESS NOTED OTHERWISE RECTANGULAR DUCT ELBOWS GREATER THAN 45° SHALL BE MITERED ELBOWS WITH DOUBLE-THICKNESS TURNING VANES AND RECTANGULAR DUCT ELBOWS 45° OR LESS SHALL BE RADIUSSED ELBOWS WITH AN INSIDE RADIUS OF AT LEAST 1/2 THE WIDTH OF THE DUCT.
- J. REPLACE AIR FILTERS WITH NEW, CLEAN MERV 8 AIR FILTERS AT TURNOVER.
- K. THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
- L. INSTALL LABELING CALLED FOR IN THE HVAC DRAWINGS USING ENGRAVED PHENOLIC PLATES (WHITE WITH BLACK LETTERING).
- M. PROVIDE P3000 12 GA. UNISTRUT WITH PG FINISH FOR DUCT SUPPORTS AND OTHER UNISTRUT IN AREAS EXPOSED TO VIEW. SLOTTED UNISTRUT AND OTHER UNISTRUT WITH HOLES IS NOT ACCEPTABLE.

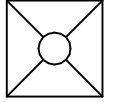
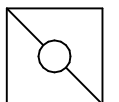
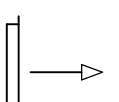
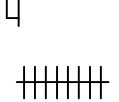
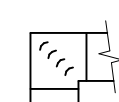
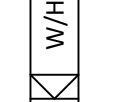
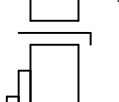
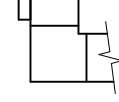
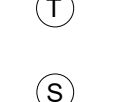
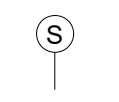
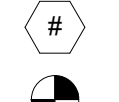
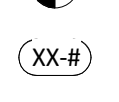
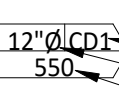
HVAC MATERIAL SCHEDULE		
	APPLICATION	ALLOWABLE MATERIAL
DUCT	CONCEALED, GENERAL EXHAUST	RECT. OR ROUND AS SHOWN
	CONCEALED, RETURN	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, SUPPLY	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, TYPE I HOOD EXHAUST	RECTANGULAR 16 GA. BLACK IRON W/ WRAP OR UL 1978 FACTORY-MANUFACTURED DUCT W/ WRAP (SUBMIT SHOP DRAWINGS FOR FACTORY-MANUFACTURED DUCT PRIOR TO ORDERING FOR APPROVAL)
	EXPOSED GENERAL EXHAUST	RECTANGULAR, NO EXPOSED DUCT-SEALING MASTIC
	EXPOSED RETURN	RECTANGULAR, NO EXPOSED DUCT-SEALING MASTIC
	EXPOSED SUPPLY	RECT. LINED OR ROUND AS SHOWN, NO EXPOSED DUCT-SEALING MASTIC

HVAC ABBREVIATIONS

- (E) EXISTING
- ABV ABOVE
- ADA AMERICANS WITH DISABILITIES ACT
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- AHJ AUTHORITY HAVING JURISDICTION
- BFF BELOW FINISHED FLOOR
- BFG BELOW FINISHED GRADE
- BOH BACK OF HOUSE
- CLG CEILING
- CTE CONNECT TO EXISTING
- DN DOWN
- EXG EXISTING
- FLR FLOOR
- FOH FRONT OF HOUSE
- GYP GYPSUM BOARD
- NTS NOT TO SCALE
- O/H OVERHEAD
- OBD OPPOSED BLADE DAMPER
- TYP TYPICAL
- U/G UNDERGROUND
- UNO UNLESS NOTED OTHERWISE
- VFD VARIABLE FREQUENCY DRIVE
- VSC VARIABLE SPEED CONTROLLER
- W/ WITH
- WIC WALK-IN COOLER

- C02AS TENANT'S CO2 ALARM SUPPLIER
- GC GENERAL CONTRACTOR
- HES TENANT'S HVAC EQUIPMENT SUPPLIER
- HS TENANT'S HOOD SUPPLIER
- KES TENANT'S KITCHEN EQUIPMENT SUPPLIER
- LL LANDLORD
- SPS TENANT'S SODA POP SUPPLIER
- TAB TENANT'S TEST AND BALANCE VENDOR
- TCC TENANT'S CABLING CONTRACTOR
- TDC TENANT'S DUCT CLEANER
- TEMS TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
- TLS TENANT'S LIGHT/LAMP SUPPLIER
- TMB TENANT'S MENU BOARD SUPPLIER
- TMS TENANT'S MILLWORK SUPPLIER
- TNP TENANT'S PHONE SUPPLIER
- TRS TENANT'S RAILING SUPPLIER
- TSV TENANT'S SIGN VENDOR
- TUV TENANT'S UV SNAITIZER SUPPLIER
- WCS TENANT'S WALK-IN COOLER SUPPLIER
- WHS TENANT'S WATER HEATER SUPPLIER

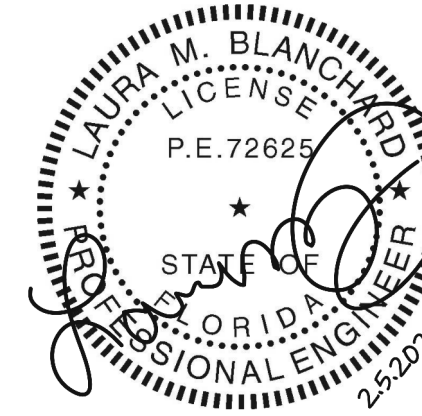
HVAC SYMBOLS

-  CEILING DIFFUSER
-  CEILING-MOUNTED RETURN OR EXHAUST REGISTER
-  SUPPLY REGISTER
-  RETURN GRILLE
-  FLEXIBLE DUCT
-  MITERED CORNER WITH TURNING VANES
-  DUCTWORK INTERNAL FREE DIMENSIONS (WIDTH/HEIGHT)
-  RECTANGULAR TO ROUND DUCT TRANSITION
-  DUCT-MOUNTED SMOKE DETECTOR
-  MOTOR-OPERATED DAMPER
-  MANUAL VOLUME DAMPER
-  GREASE DUCT CLEANOUT
-  MITERED CORNER WITHOUT TURNING VANES
-  GRIDPOINT THERMOSTAT
-  GRIDPOINT ZONE SENSOR MODULE
-  GRIDPOINT SUPPLY PROBE
-  PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
-  CONNECT TO EXISTING
- EQUIPMENT TAG: SEE EQUIPMENT SCHEDULE ON SHEET M600 FOR EQUIPMENT INFORMATION
- AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET
- GRILL, REGISTER, OR DIFFUSER TAG: TAG NECK SIZE AIRFLOW [CFM]

Consultant:



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04/21/2023	PERMIT ISSUE

Revisions:	
2	02/05/2024 Construction Set

Drawn:	Checked:
RTI	IJD

Project No.
221115

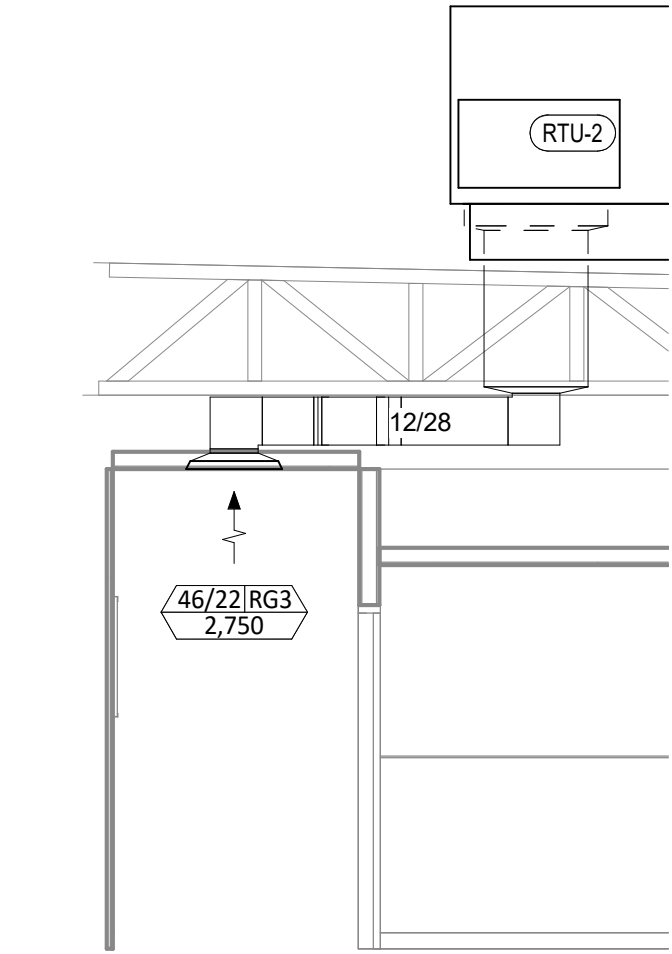
Contents:

HVAC SPECIFICATIONS

M010

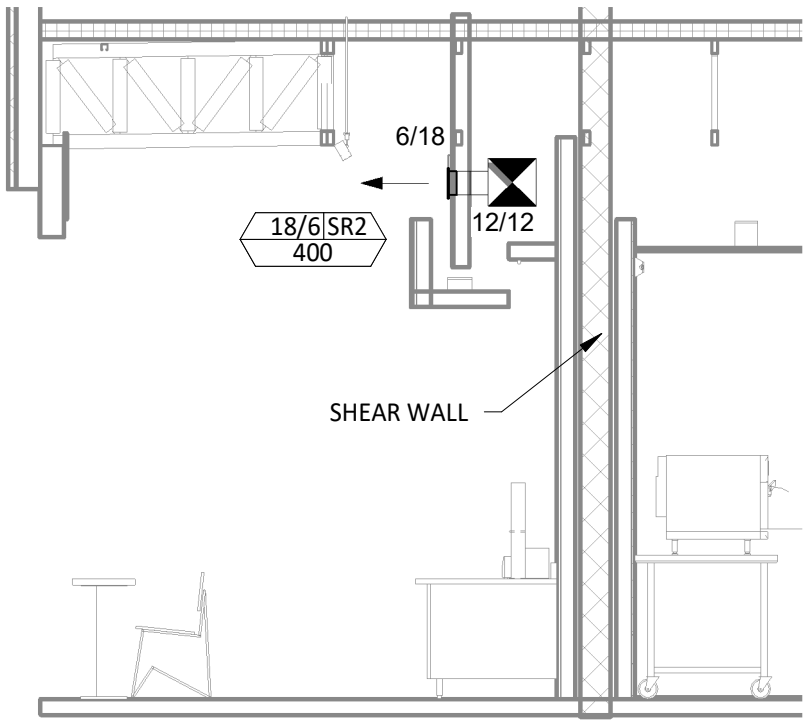
HVAC PLAN NOTES

- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
- PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS BLACK. TYPICAL.
- PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- 20/14 DUCT UP FOR TRANSITION TO RTU-1 RETURN CONNECTION IN ROOF CURB. RTU-1 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-1 OPERATION.
- 26/14 DUCT UP FOR TRANSITION TO RTU-2 RETURN CONNECTION IN ROOF CURB. RTU-2 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-2 OPERATION.
- 26/14 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.
- 24/18 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.
- 14/14 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.
- 24/10 DUCT UP FROM HOOD THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96. PROVIDE RADIUS ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.
- 8/6 DUCT UP THROUGH ROOF TO EF-2.
- 28/6 DUCT DOWN TO MAKEUP AIR PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL FOR 3.
- 8" DIA. DUCT DOWN TO AC PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL. CAP UNUSED DUCT CONNECTIONS.
- INSTALL SINGLE-GANG VERTICAL J-BOX FOR GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2 AT THIS LOCATION AT 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 60" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-2 AT THIS LOCATION 66" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 66" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.
- INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST AND MAKEUP AIR FANS IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS 2, 4, AND 9/M700. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.



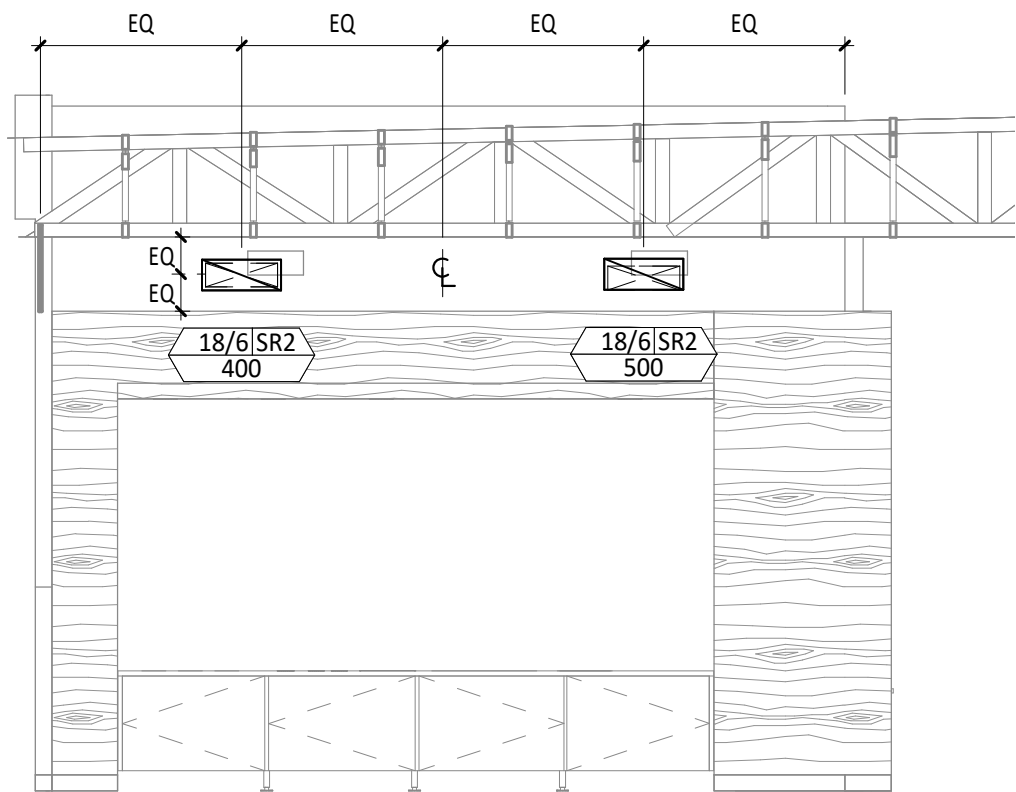
HVAC DINING ROOM RETURN SECTION

1/4" = 1'-0"



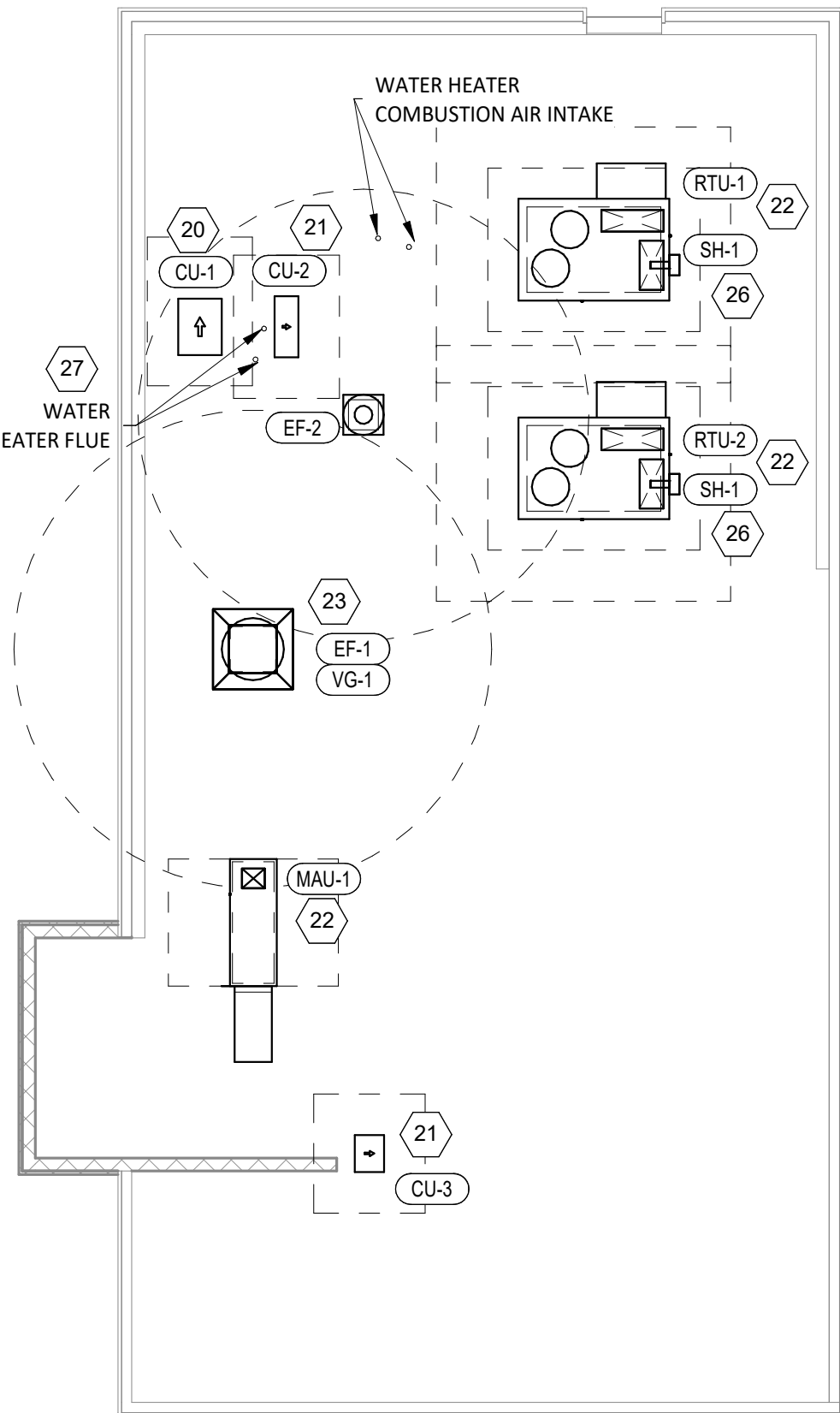
HVAC DINING ROOM SECTION

1/4" = 1'-0"



HVAC DINING ROOM SECTION

1/4" = 1'-0"

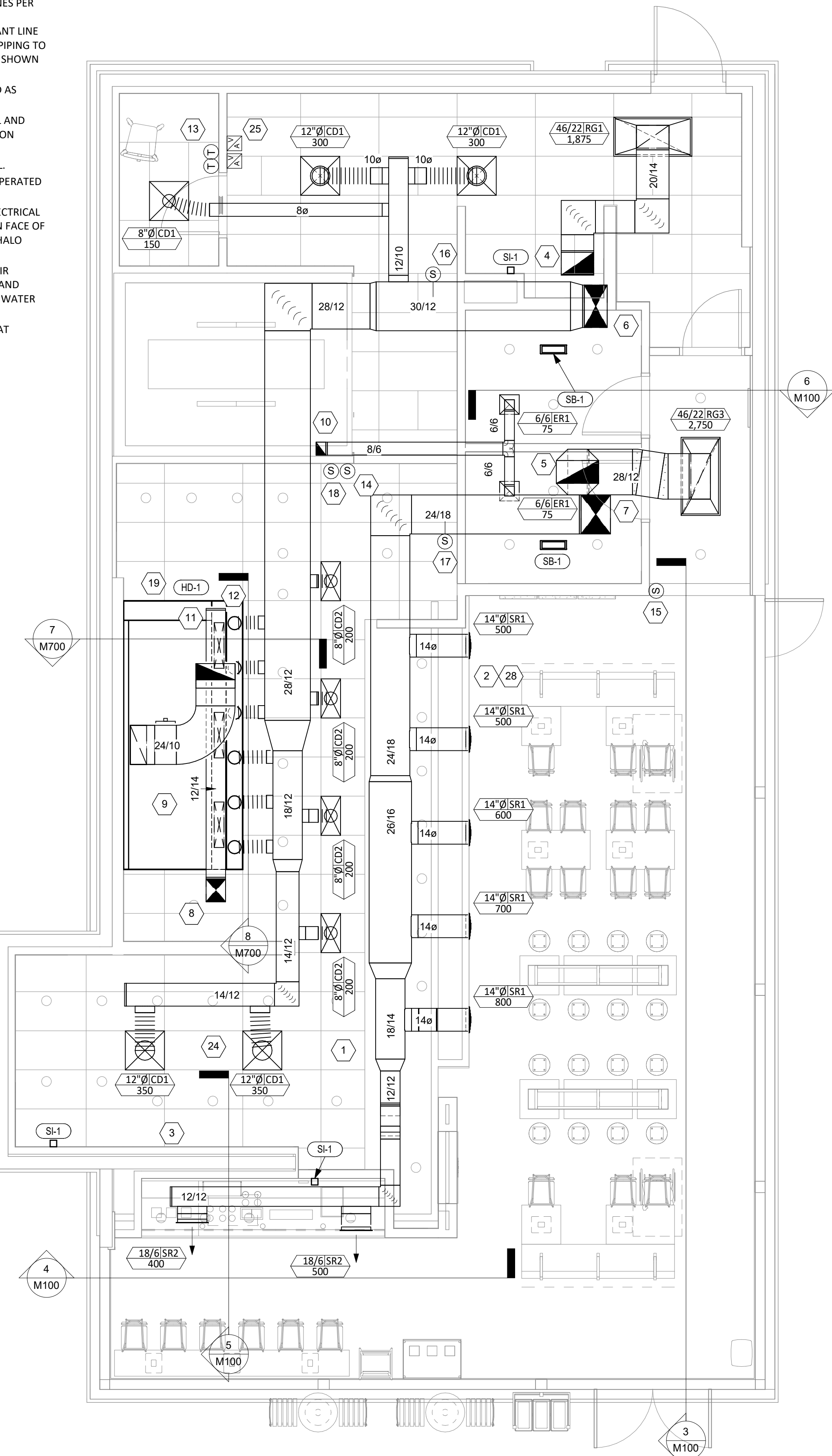


HVAC ROOF PLAN

1/8" = 1'-0"

HVAC PLAN NOTES

- INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE CONDENSING UNIT. CUT 2-1/2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.
- INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
- INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIROGUARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.
- PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
- PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
- INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
- MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.
- ADJUST SUPPLY REGISTERS SO THAT SUPPLY AIR HITS WALL ON OPPOSITE SIDE OF ROOM AT APPROXIMATELY 7' AFF WITH NO DRAFTS FELT IN THE DINING ROOM.



HVAC FLOOR PLAN

1/4" = 1'-0"

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Contents:

HVAC PLAN

M100

SANITIZING EQUIPMENT SCHEDULE

AIR BALANCE SCHEDULE

CONTROL FUNCTIONS

FAN SCHEDULE

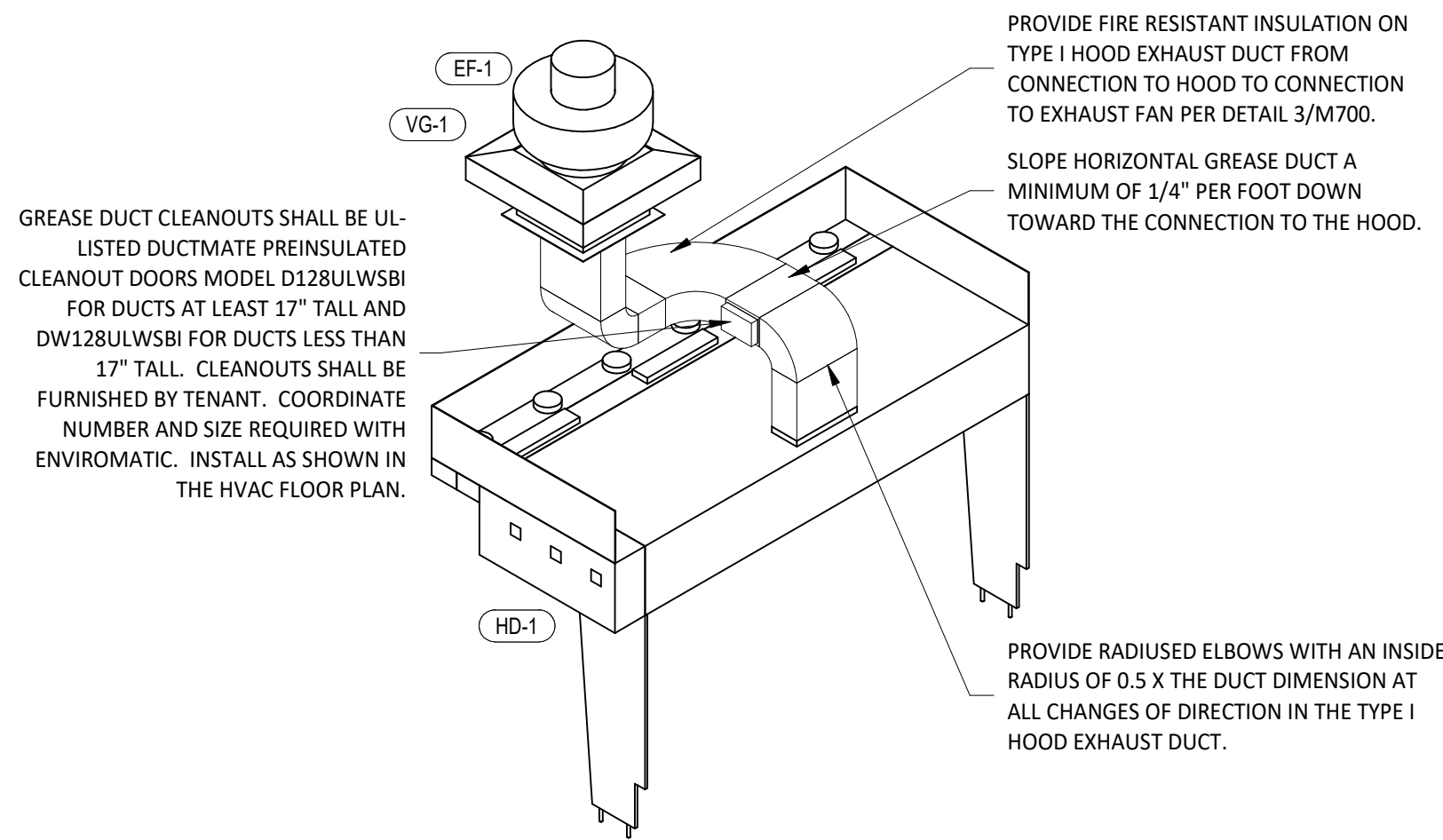
CONDENSING UNIT SCHEDULE

MAKEUP AIR UNIT SCHEDULE

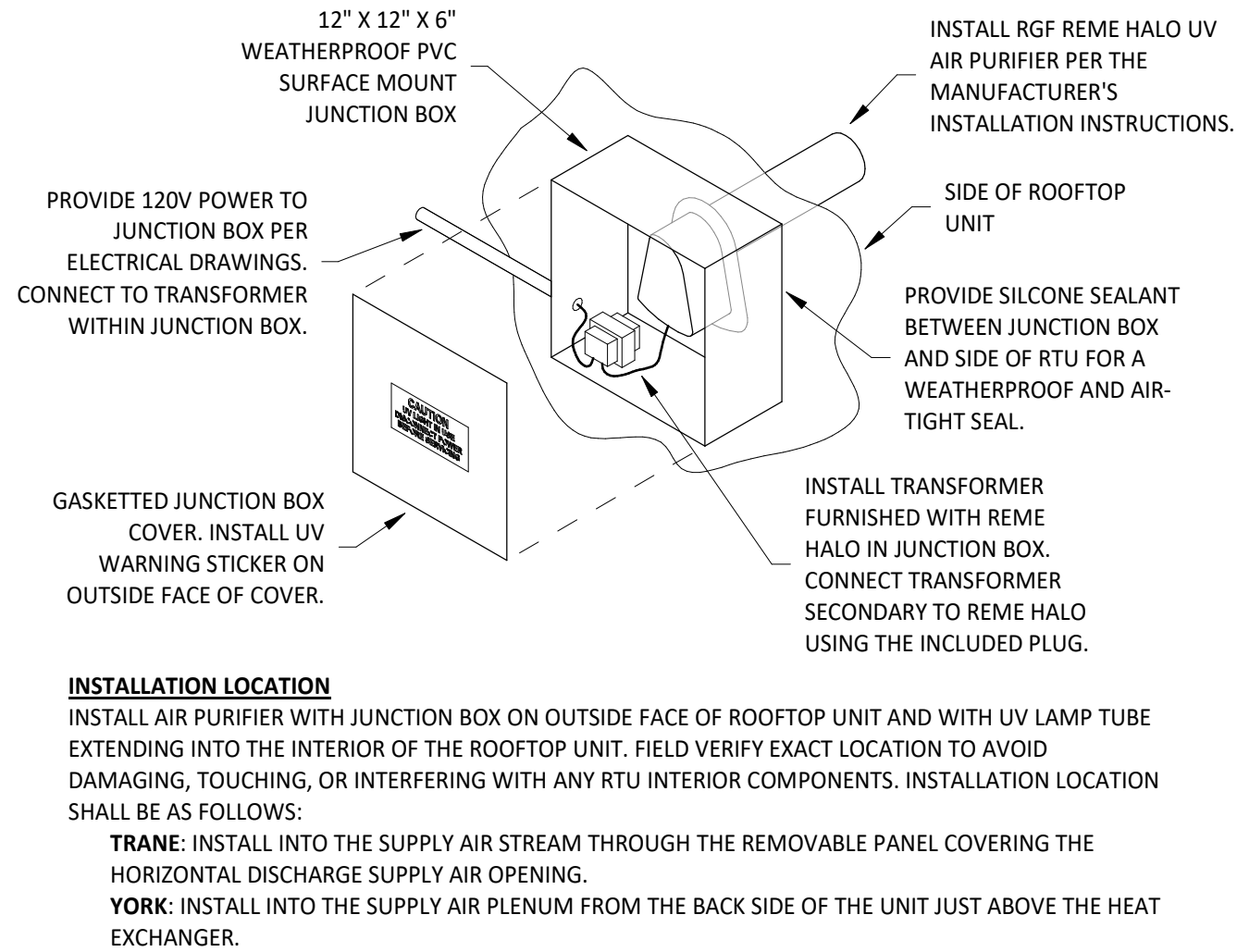
KITCHEN HOOD SCHEDULE

ROOFTOP UNIT SCHEDULE

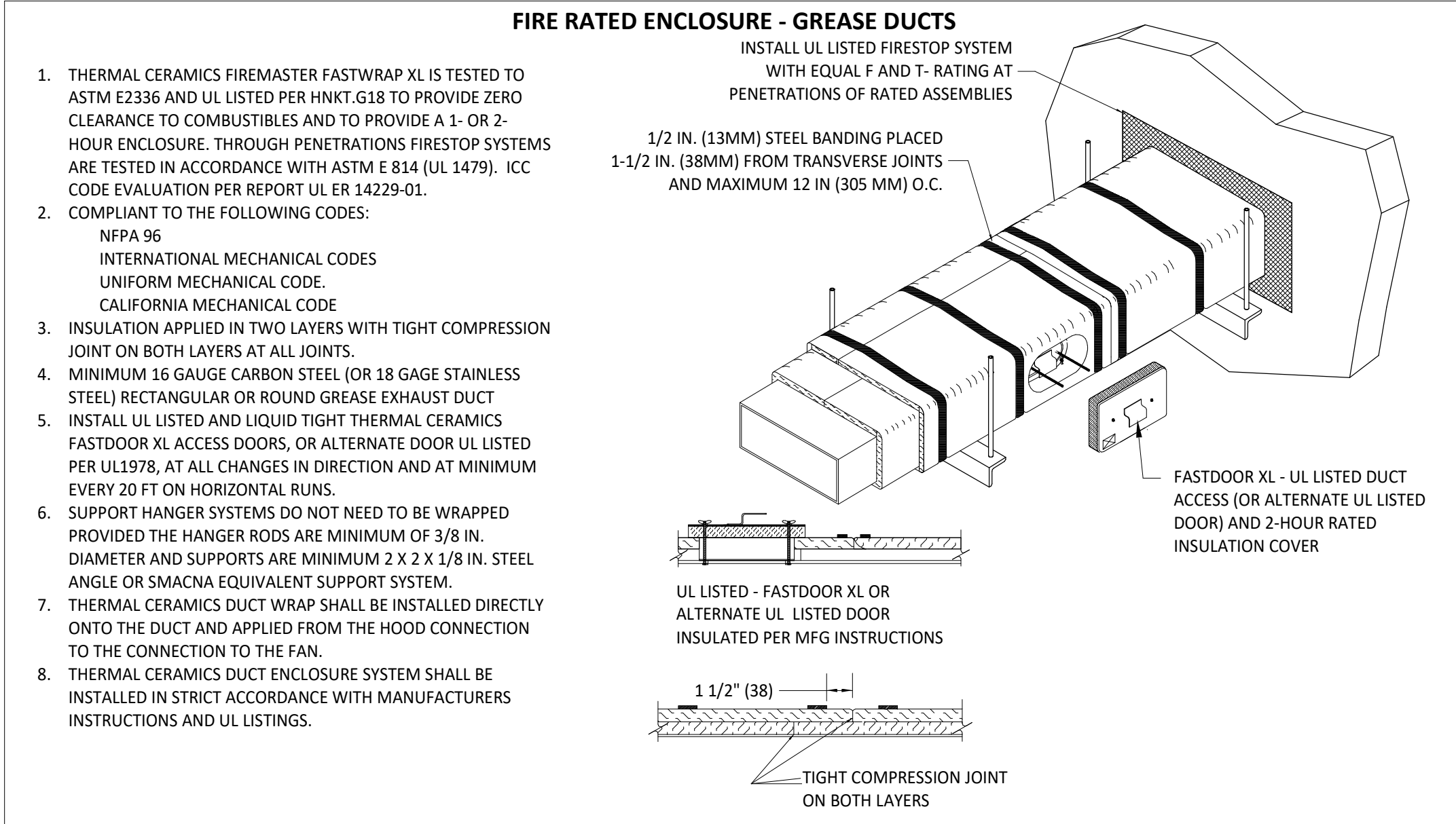
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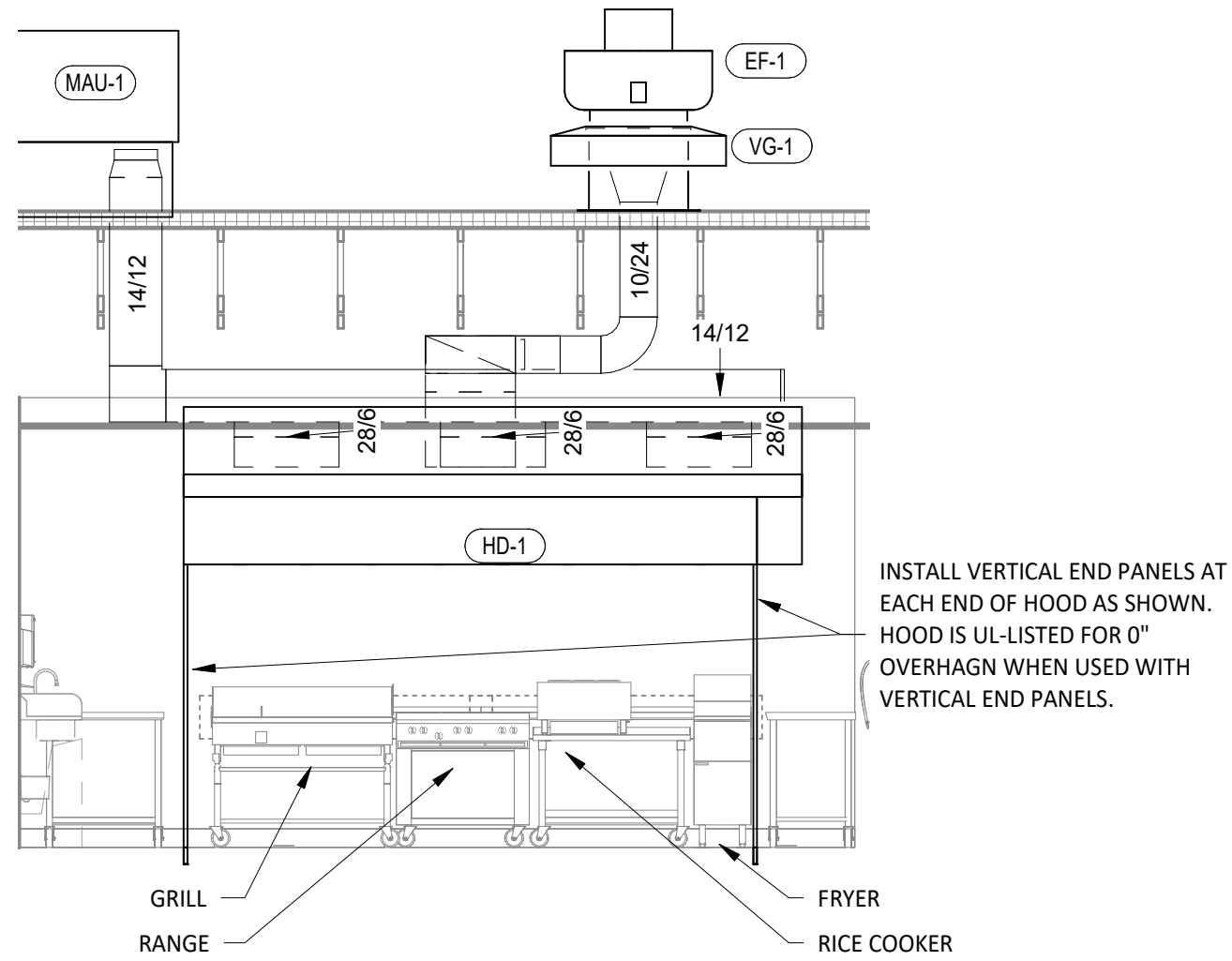
9 HOOD EXHAUST ISOMETRIC
M700 NOT TO SCALE



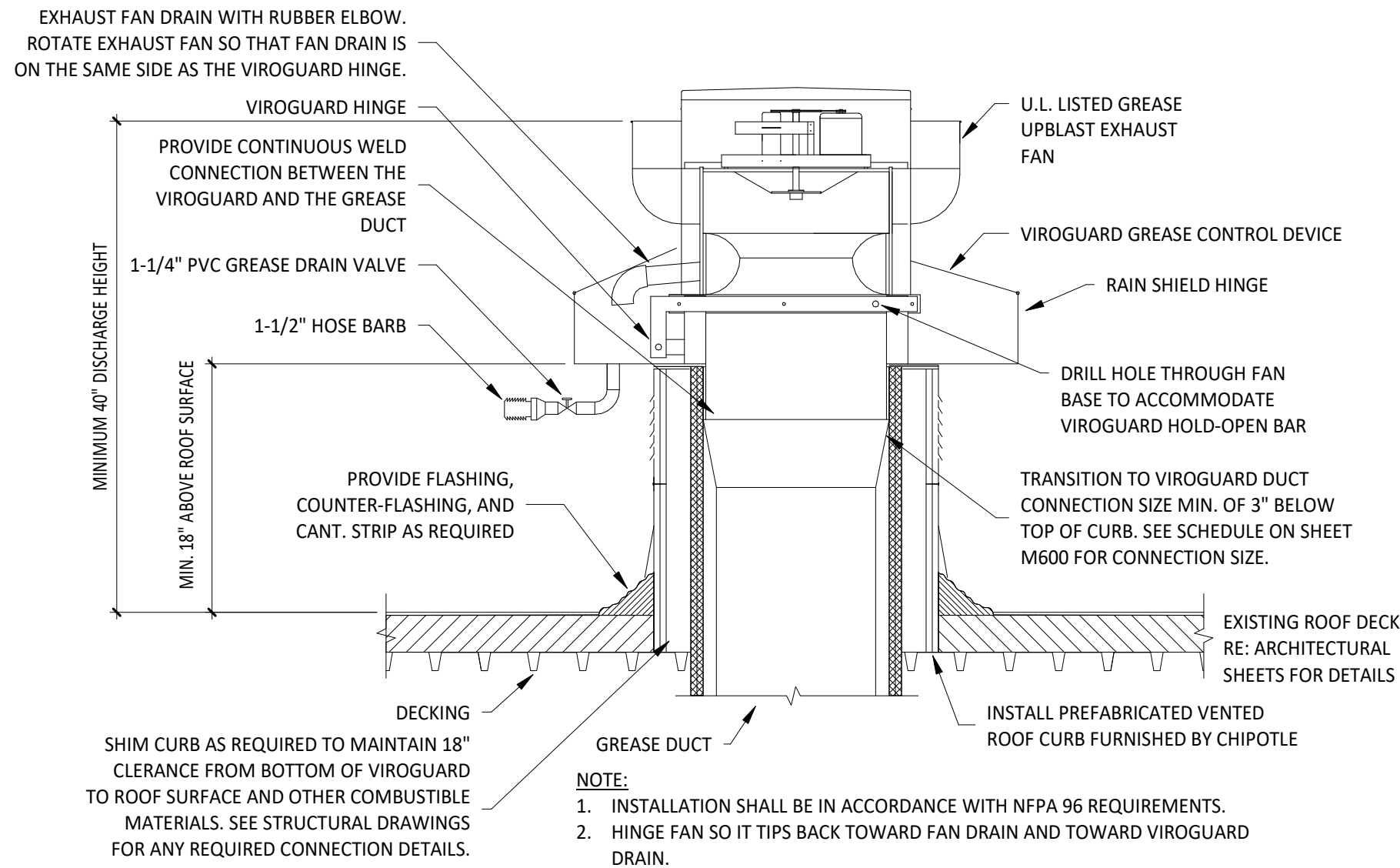
6 UV AIR PURIFIER INSTALLATION
M700 NOT TO SCALE



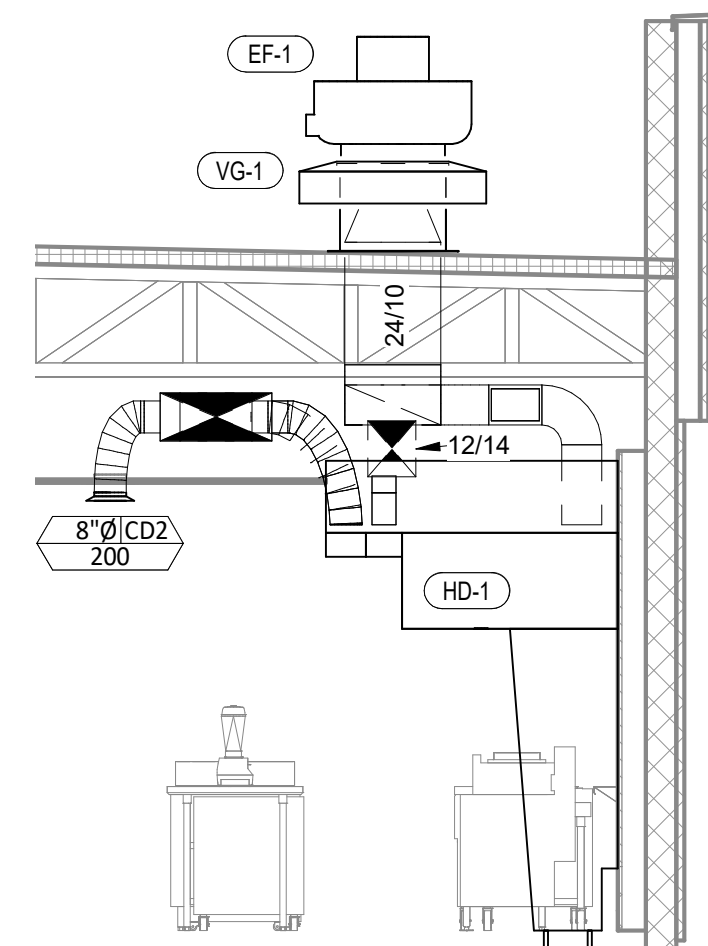
3 FIREMASTER DUCT WRAP - UL HNKT-G18
M700 NOT TO SCALE



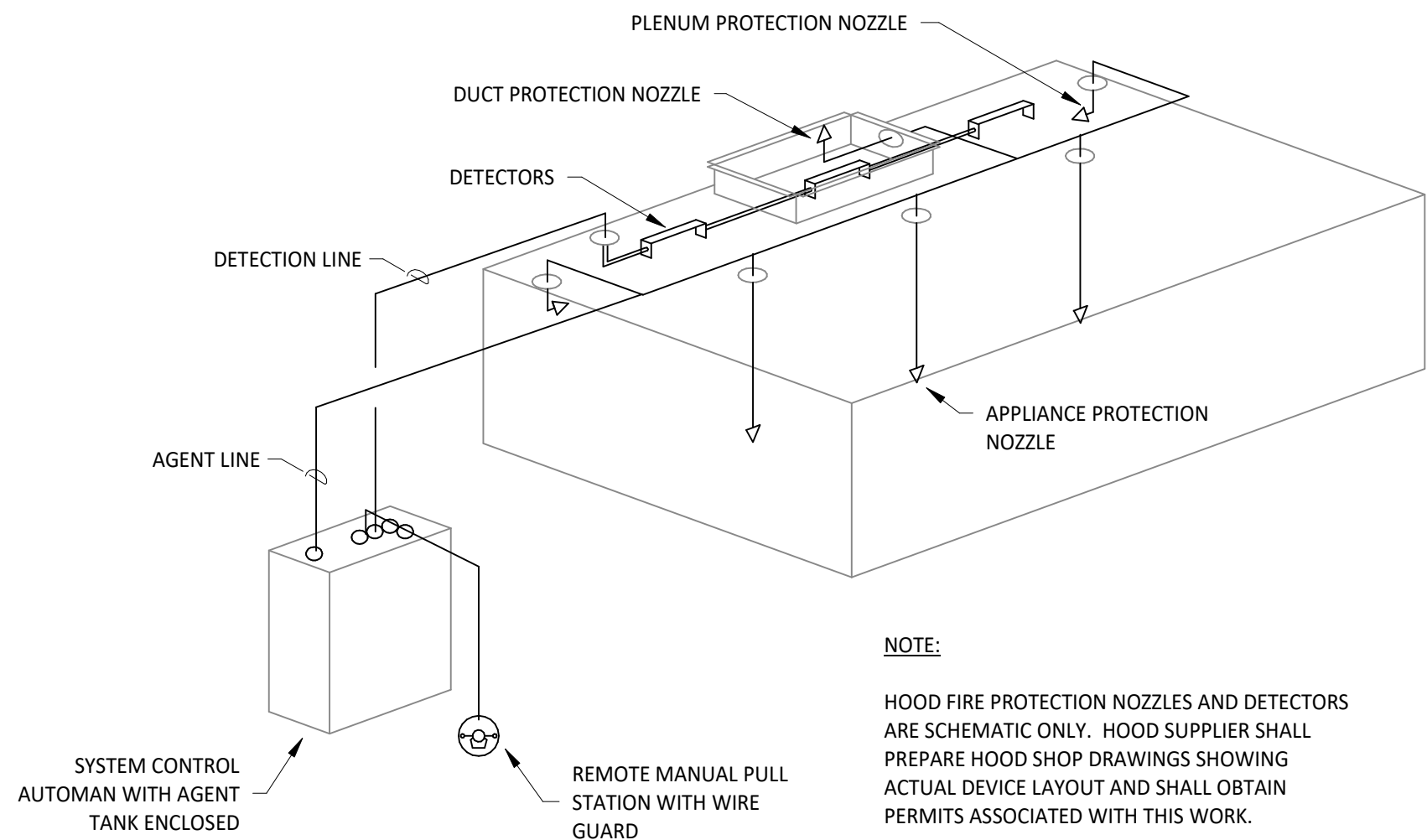
8 HOOD ELEVATION
M700 1/4\"/>



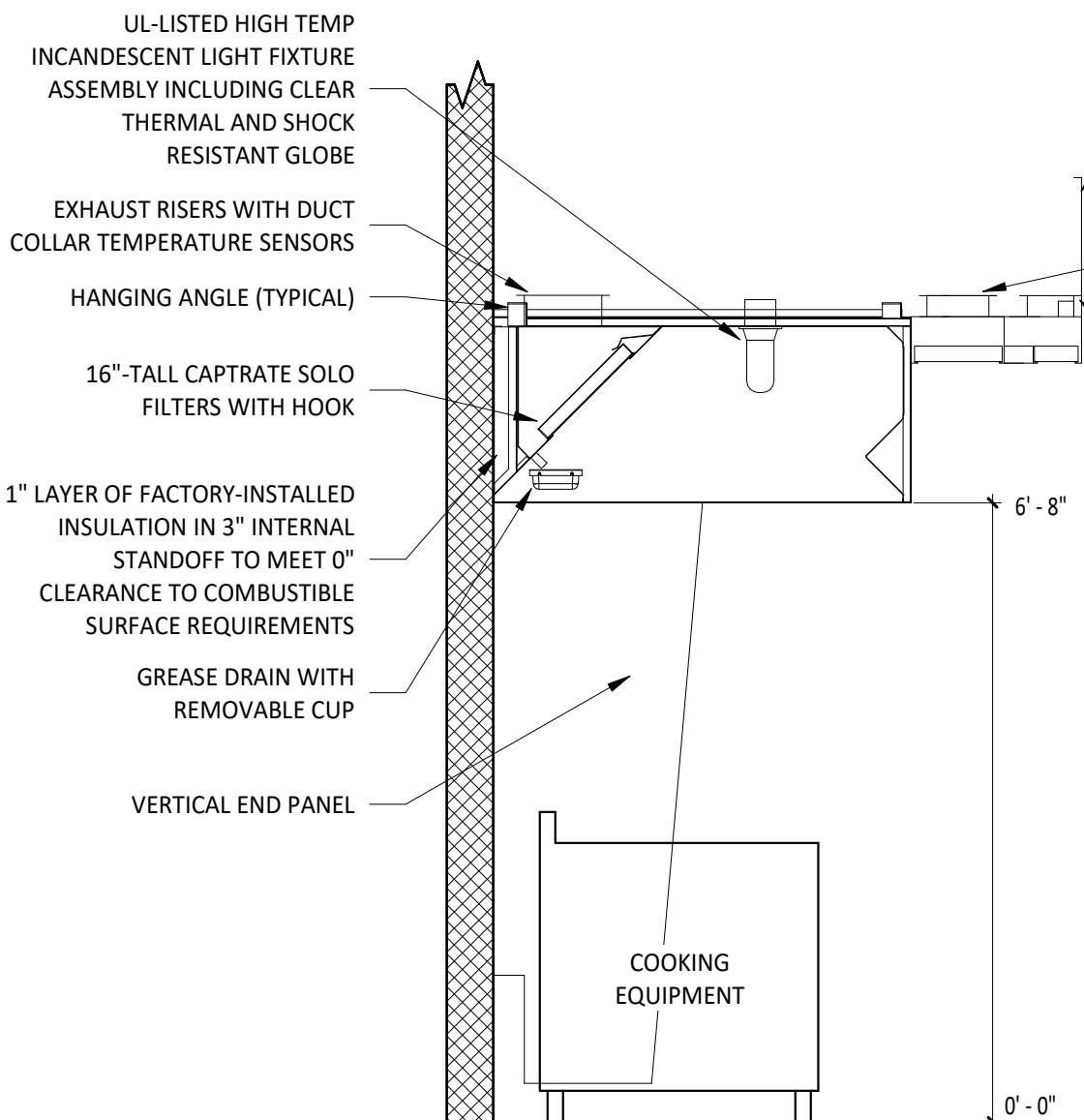
5 GREASE EXHAUST FAN
M700 NOT TO SCALE



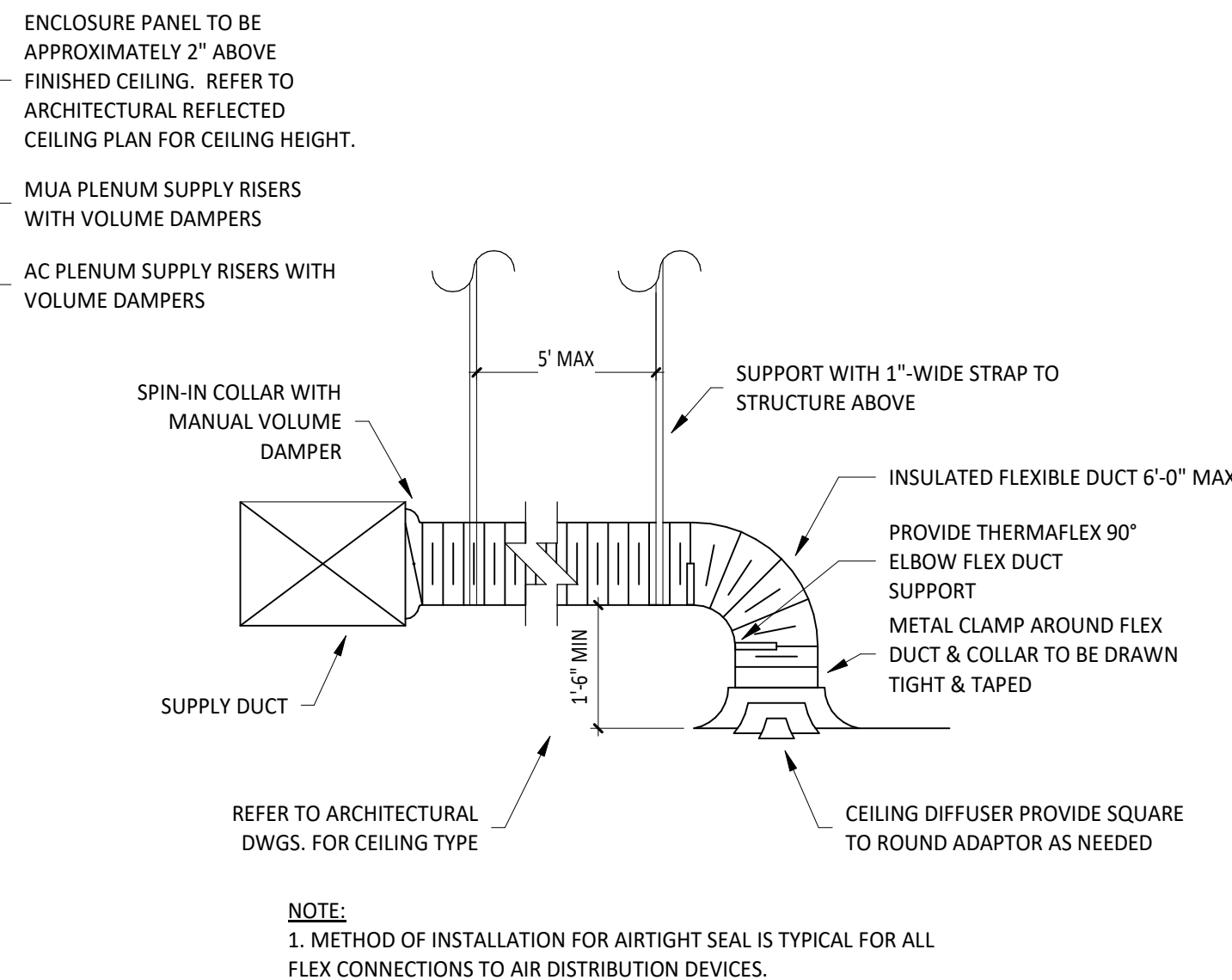
7 DUCT SECTION AT HOOD
M700 1/4\"/>



4 FIRE SUPPRESSION SYSTEM SCHEMATIC
M700 NOT TO SCALE



2 HOOD SECTION VIEW
M700 NOT TO SCALE



1 DIFFUSER CONNECTION
M700 NOT TO SCALE

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HVAC DETAILS

M700

SECTION 15055 - COMMON PIPING REQUIREMENTS

- PART 1 - GENERAL
- A. SECTION REQUIREMENTS
1. Comply with the requirements of the Building Code and the local authority having jurisdiction.
- PART 2 - PRODUCTS
- 2.1 SUPPORTING DEVICES
- A. Hanger and Pipe Attachments: Factory fabricated with galvanized coatings; nonmetallic coated for hangers in direct contact with copper tubing.
- B. Building Attachments: Powder actuated type, drive pin attachments with pullout and shear capacities appropriate for supported loads and building materials; UL listing and FM approval for fire protection systems.
- C. Mechanical Anchor Fasteners: Insert-type attachments with pullout and shear capacities appropriate for supported loads and building materials; UL listing and FM approval for fire protection systems.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Install piping free of sags and bends.
- B. Install fittings for changes in direction and branch connections.
- C. Install sleeves for pipes passing through concrete and masonry walls, gypsum board partitions, and concrete floor and roof slabs.
- D. Exterior Wall, Pipe Penetrations: Mechanical sleeve seals installed in steel or cast iron pipes for wall sleeves.
- E. Fire Barrier Penetrations: Seal pipe penetrations with through-penetration firestop systems.
- F. Install unions adjacent to each valve and at final connection to each piece of equipment.
- G. Install dielectric unions and flanges to connect piping materials of dissimilar metals in gas piping.
- H. Install dielectric coupling and nipple fittings to connect piping materials of dissimilar metals in water piping.
- I. Provide full ring escutcheons at plumbing penetrations through walls or ceilings. Tightly seal escutcheons to the adjacent surface.
- 3.2 HANGERS AND SUPPORTS
- A. Install building attachments within concrete or to structural steel. Install additional attachments at concentrated loads, including valves, flanges, guides, strainers, expansion joints, and at changes in direction of piping.
- B. Install powder actuated drive pin fasteners in concrete after concrete is cured. Do not use in lightweight concrete or in slabs less than 4 inches thick.
- C. Install mechanical anchor fasteners in concrete after concrete is cured. Do not use in lightweight concrete or in slabs less than 4 inches thick.
- D. Support fire protection system piping independent of other piping.
- E. Load Distribution: Install hangers and supports so piping live and dead loading and stresses from movement will not be transmitted to connected equipment.
- END OF SECTION 15055

SECTION 15080 - MECHANICAL INSULATION

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Submittals: None.
- B. Quality Assurance: Labeled with maximum flame-spread rating of 25 and maximum smoke developed rating of 50 according to ASTM E 84.
- PART 2 - PRODUCTS
- 2.1 PIPE INSULATION
- A. Preformed Glass Fiber Pipe Insulation: ASTM C 547, Class 1, with factory applied, all purpose, vapor retarder jacket.
- B. Polyolefin Pipe Insulation: Unicellular polyethylene, preformed pipe insulation. Comply with ASTM C 534, Type I, except for density.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Install vapor barriers on insulated pipes with surface operating temperatures below 60 deg F.
- B. Insulate fittings, valves, and specialties.
- C. Seal vapor barrier penetrations for hangers, supports, anchors, and other projections.
- D. Coat glass fiber pipe insulation ends with vapor barrier coating.
- E. Roof Penetrations: Apply insulation for interior applications to a point even with the top of the roof flashing.
- F. Exterior Wall Penetrations: For penetrations of below grade exterior walls, terminate insulation flush with mechanical sleeve seal.
- G. Interior Walls and Partitions Penetrations: Apply insulation continuously through walls and partitions, except fire rated walls and partitions.
- H. Fire Rated Walls and Partitions Penetrations: Terminate insulation at penetrations through fire rated walls and partitions. Seal around penetration with through penetration firestop systems.
- I. Floor Penetrations: Terminate insulation at the underside of the floor assembly and at the floor support at top of floor. Seal around penetration with through penetration firestop systems.
- J. Glass Fiber Insulation Installation: Bond insulation to pipe with adhesive. Seal seams and joints with vapor barrier compound.
- K. Interior Piping System Applications: Insulate the following piping systems:
1. Domestic cold, hot, and recirculation water pipes.
2. Exposed sanitary drains and water supply pipes for public hand sinks.
3. Refrigerant piping.
- L. Do not apply insulation to the following systems, materials, and equipment:
1. Flexible connectors.
2. Fire protection piping systems.
3. Sanitary drainage and vent piping.
4. Chrome plated pipes and fittings, except for plumbing fixtures for the disabled.
5. Piping specialties, including air chambers, unions, strainers, check valves, plug valves, and flow regulators.
- M. Pipe Insulation Thickness Application Schedule: Insulate piping with the following materials and thicknesses:
1. Domestic Hot and Recirculation water pipes: 1-inch preformed glass fiber pipe insulation.
2. Domestic Cold Water: 1/2-inch preformed glass fiber pipe insulation.
3. Storm Drain: 1/2-inch preformed glass fiber pipe insulation.
4. P-Trap and Fixture Supplies for public hand sinks: ADA-compliant pre-formed insulation.
- END OF SECTION 15080

SECTION 15110 - VALVES

- PART 1 - GENERAL (Not Applicable)
- PART 2 - PRODUCTS
- 2.1 GENERAL DUTY VALVES
- A. End Connections: Threads shall comply with ANSI B1.20.1. Flanges shall comply with ANSI B16.1 for cast iron valves and ANSI B16.24 for bronze valves. Solder-joint connections shall comply with ANSI B16.18.
- B. Ball Valves: Rated for 150 psig saturated steam pressure, 400 psig WOG pressure; 2 piece construction; with bronze body, standard (or regular) port, chrome plated brass ball, replaceable "Teflon" or "TFE" seats and seals, blowout proof stem, and vinyl covered steel handle.
- C. Plug Valves: Rated at 150 psig WOG; bronze body, with straightaway pattern, square head, and threaded ends.
- D. Swing Check Valves: Class 125, cast bronze body and cap; with horizontal swing, Y-pattern, and bronze disc.
- E. Valves for Copper Tube: Solder ends, except provide threaded ends for heating hot water and low pressure steam service.
- F. Valves for Steel Pipe: Threaded ends.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Use gate and ball valves for shutoff duty and ball for throttling duty.
- B. Locate valves for easy access and provide separate support where necessary.
- C. Install accessible valves for each fixture and item of equipment.
- D. Install valves in horizontal piping with stem at or above center of pipe.
- E. Install valves in a position to allow full stem movement.
- F. Install check valves for proper direction of flow in horizontal position with hinge pin level.
- END OF SECTION 15110

SECTION 15140 - DOMESTIC WATER PIPING

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Performance Requirements: Unless otherwise indicated minimum pressure requirements for water piping are as follows:
1. Service Entrance Piping: 100 psig.
2. Domestic Water Piping: 80 psig.
- B. Comply with NSF 14 "Plastic Piping Components and Materials."
- C. Comply with NSF 61 "Drinking Water System Components -- Health Effects."
- PART 2 - PRODUCTS
- 2.1 PIPES AND TUBES (See Material Schedule on sheet P010 for where these materials are to be used)
- A. Hard Copper Tube: ASTM B 88, Types L and M, water tube, drawn temper.
- B. PVC Plastic, Water Pipe: ASTM D 1785, Schedule 80, plain ends.
- 2.2 FITTINGS
- A. Wrought Copper, Solder Joint Pressure Fittings: ASME B 16.22.
- B. Cast Copper Alloy, Solder Joint Pressure Fittings: ASME B 16.18.
- C. Bronze Flanges: ASME B 16.24, Classes 150 and 300.
- D. Copper Unions: ASME B 16.18, cast copper alloy body, hexagonal stock, with ball and socket joint, metal to metal seating surfaces, and solder joint, threaded, or solder joint and threaded ends. Threads complying with ASME B 1.20.1.
- E. PVC Plastic, Schedule 80, Socket Type Pipe Fittings: ASTM D 2467.
- 2.3 JOINING MATERIALS
- A. Solder Filler Metal: ASTM B 32, lead free.
- B. Brazing Filler Metals: AWS A5.8, alloys to suit system requirements.
- C. Solvent Cements: As recommended by manufacturer.
- D. Plastic Pipe Seals: ASTM F 477, elastomeric gasket.
- PART 3 - EXECUTION
- 3.1 VALVE APPLICATIONS
- A. Install gate valves close to main on each branch and riser serving two or more plumbing fixtures or equipment connections and where indicated.
- B. Install gate or ball valves on inlet to each plumbing equipment item, on each supply to each plumbing fixture not having stops on supplies, and elsewhere as indicated.
- C. Install drain valve at base of each riser, at low points of horizontal runs, and where required to drain water distribution piping system.
- D. Install swing check valve on discharge side of each pump and elsewhere as indicated.
- E. Install ball valves in each hot water circulating loop and discharge side of each pump.
- 3.2 PIPING INSTALLATIONS
- A. Install hangers and supports at intervals indicated in the applicable plumbing code and as recommended by pipe manufacturer.
- B. Support vertical piping at each floor.
- 3.3 INSPECTING AND CLEANING
- A. Inspect and test piping systems following procedures of authorities having jurisdiction.
- B. Clean and disinfect water distribution piping following procedures of authorities having jurisdiction.
- END OF SECTION 15140

SECTION 15150 - SANITARY WASTE AND VENT PIPING

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Minimum Pressure Requirement for Soil, Waste and Vent: 10 feet head.
- B. Comply with NSF 14 "Plastic Piping Components and Related Materials".
- PART 2 - PRODUCTS
- 2.1 PIPES AND TUBES
- A. PVC Plastic, DWV Pipe: ASTM D 2665, Schedule 40, plain ends.
- 2.2 FITTINGS
- A. PVC Plastic, DWV Pipe Fittings: ASTM D 2665, made to ASTM D 3311; socket type; drain, waste, and vent pipe patterns.
- PART 3 - EXECUTION
- 3.1 PIPING INSTALLATION
- A. Install cleanout and extension to grade at connection of building sanitary drain and building sanitary sewer.
- B. Locate drainage piping runouts as close as possible to bottom of floor slab supporting fixtures or drains.
- 3.2 INSPECTION
- A. Inspect and test piping systems following procedures of authorities having jurisdiction.
- END OF SECTION 15150

SECTION 15198 - NATURAL GAS PIPING

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Quality Assurance: Comply with NFPA 54 and the Plumbing Code.
- PART 2 - PRODUCTS
- 2.1 PIPE, TUBE, AND SPECIALTIES
- A. Steel Pipe: ASTM A 53, Type S (Seamless), Grade B, Schedule 40, plain ends.
- B. Malleable Iron Threaded Fittings: ASME B16.3, Class 150.
- C. Manual Valves: Comply with standards listed or, if appropriate, to ANSI Z21.15.
- D. Gas Stops: AGA certified, bronze-body, plug type with bronze plug, for 2-psig or less natural gas. Include AGA stamp, flat or square head or lever handle, and threaded ends complying with ASME B1.20.1.
- E. Gas Valves: 150-psig WOG, cast-iron or bronze body, bronze plug, straightaway pattern, square head, tapered-plug type.
- F. Gas Pressure Regulators: ANSI Z21.18, single stage, steel jacketed, corrosion resistant pressure regulators. Include atmospheric vent, elevation compensator. Regulator pressure ratings, inlet and outlet pressures, and flow volume in cubic feet per hour of natural gas at specific gravity are as indicated.
- G. Line Gas Pressure Regulators: Inlet pressure rating not less than system pressure.
- H. Flexible Connectors: ANSI Z21.24, copper alloy.
- I. Strainers: Bronze body, Y-pattern, full size of connecting piping. Include stainless-steel screens with 3/64 inch perforations and a pressure rating of 125-psig- minimum, WOG working pressure.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Close equipment shutoff valves before turning off gas to premises or section of piping. Perform leakage test as specified to determine that all equipment is turned off in affected piping section.
- B. Install shutoff valve, downstream from gas meter, outside building at gas service entrance.
- C. Install gas stops for shutoff to appliances with NPS 2" or smaller low pressure gas supply.
- D. Drips and Sediment Traps: Install drips at points where condensate may collect. Include outlets of gas meters. Locate where readily accessible to permit cleaning and emptying. Do not install where condensate would be subject to freezing.
- E. Install gas piping at uniform slope of 0.1 percent upward toward risers.
- F. Connect branch piping from top or side of horizontal piping.
- G. Install strainers on supply side of each control valve, gas pressure regulator, solenoid valve, and elsewhere as indicated.
- H. Install valves in accessible locations, protected from damage.
- I. Install gas valve upstream from each gas pressure regulator. Where two gas-pressure regulators are installed in series, valve is not required at second regulator.
- J. Connect gas piping to equipment and appliances with shutoff valves and unions. Install gas valve upstream from and within 36 inches of each appliance using gas. Install union or flanged connection downstream from valve.
- K. Inspect, test, and purge piping according to NFPA 54, Part 4, "Gas Piping Inspection, Testing, and Purging", and requirements of authorities having jurisdiction.
- END OF SECTION 15198

SECTION 15410 - PLUMBING FIXTURES

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- Submittals: None.
- A. Comply with requirements of Public Law 102-486, "Energy Policy Act", regarding water flow rate and water consumption of plumbing fixtures.
- B. Comply with applicable standards below:
1. Enameled, Cast Iron Fixtures: ASME A112.19.1M.
2. National Sanitation Foundation Construction: NFS2.
3. Porcelain Enameled Fixtures: ASME A112.19.4M.
4. Slip Resistant Bathing Surfaces: ASTM F 462.
5. Stainless Steel Fixtures: ASME A112.19.3M.
6. Vitreous China Fixtures: ASME A112.19.2M.
- PART 2 - PRODUCTS
- 2.1 Refer to the fixture schedule on drawing P600
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Install fixtures with flanges and gasket seals.
- B. Install flushometer valves for accessible water closets and urinals with handle mounted on wide side of compartment. Install other actuators in locations that are easy for the disabled to reach.
- C. Fasten wall hanging plumbing fixtures securely to supports attached to building substrate when supports are specified, and to building wall construction where no support is indicated.
- D. Fasten floor mounted fixtures to substrate. With fixtures having holes for securing fixture to wall construction, fasten to reinforcement built into walls.
- E. Fasten wall mounted fittings to reinforcement built into walls.
- F. Fasten counter mounted plumbing fixtures to casework.
- G. Secure supplies to supports or substrate within pipe space behind fixture.
- H. Set mop basins in leveling bed of cement gROUT.
- I. Install individual supply inlets, supply stops, supply risers, and tubular brass traps with cleanouts at fixture.
- J. Install water supply stop valves in accessible locations.
- K. Install traps on fixture outlets. Omit traps on fixtures having integral traps. Omit traps on indirect wastes, unless otherwise indicated or required by the Authority Having Jurisdiction.
- L. Install full-ring escutcheons at wall, floor, and ceiling penetrations in exposed, finished locations and within cabinets and millwork. Use deep pattern escutcheons where required to conceal protruding pipe fittings.
- M. Install piping connections between plumbing fixtures and piping systems and plumbing equipment. Install insulation on supplies and drains of fixtures for the disabled.
- N. Ground equipment. Tighten electrical connectors and terminals according to UL 486A and UL 486B.
- END OF SECTION 15410

SECTION 15554 - FLUES AND VENTS

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Submittals: None.
- PART 2 - PRODUCTS
- 2.1 GAS VENTS
- A. Vent/air intake for high efficiency domestic water heater. Follow manufacturer's recommendations for sizing and material.
- B. Accessories: Tees, elbows, increasers, draft hood connectors, metal cap with bird barrier, adjustable roof flashing, storm collar, support assembly, thimbles, firestopping spacers, and fasteners; fabricated of similar materials and designs as vent-pipe straight sections.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Install vents according to stipulated minimum clearances from combustibles.
- B. Seal between sections of positive pressure vents using only sealants recommended by manufacturer.
- C. Support vents at intervals to support the weight of the vent and all accessories, without exceeding loading of appliances.
- END OF SECTION 15554

PLUMBING SYMBOLS

	ELBOW UP
	ELBOW DOWN
	DOMESTIC COLD WATER
	DOMESTIC FILTERED COLD WATER
	DOMESTIC SOFTENED COLD WATER
	DOMESTIC HOT WATER (110 DEGREES)
	DOMESTIC HOT WATER RECIRC.
	GAS
	GAS (ON ROOF)
	SANITARY WASTE
	SANITARY VENT
	CONDENSATE DRAIN
	PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
	CONNECT TO EXISTING
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
	WATER METER
	GAS METER
	EQUIPMENT TAG: SEE EQUIPMENT SCHEDULE ON SHEET P600 FOR EQUIPMENT INFORMATION
	VALVE
	SOLENOID-OPERATED VALVE
	WALL HYDRANT/ROOF HYDRANT
	CHECK VALVE
	CIRCUIT-SETTER BALANCE VALVE RATED FOR POTABLE WATER
	FLOOR DRAIN
	FLOOR SINK
	CLEANOUT

PLUMBING ABBREVIATIONS

(E)	EXISTING
ABV	ABOVE
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHI	AUTHORITY HAVING JURISDICTION
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BOH	BACK OF HOUSE
CLG	CEILING
CTE	CONNECT TO EXISTING
CW	DOMESTIC COLD WATER
DN	DOWN
EXG	EXISTING
FCO	FLOOR CLEANOUT
FLR	FLOOR DRAIN
FLD	FLOOR
FOH	FRONT OF HOUSE
FS	FLOOR SINK
FW	DOMESTIC FILTERED COLD WATER
GCO	GRADE CLEANOUT
GI	GREASE INTERCEPTOR
GT	GREASE TRAP
GW	GREASE WASTE
GYP	GYPSPUM BOARD
HW	DOMESTIC HOT WATER
NTS	NOT TO SCALE
O/H	OVERHEAD
SAN	SANITARY WASTE

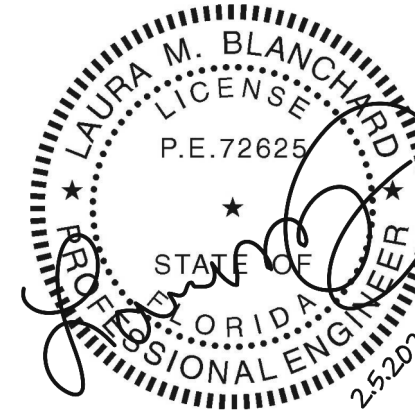
PLUMBING ABBREVIATIONS

ST	STORM SEWER
SW	DOMESTIC SOFTENED COLD WATER
TYP	TYPICAL
U/G	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
W/	WITH
WIC	WALK-IN COOLER
CO2AS	TENANT'S CO2 ALARM SUPPLIER
GC	GENERAL CONTRACTOR
HES	TENANT'S HVAC EQUIPMENT SUPPLIER
HS	TENANT'S HOOD SUPPLIER
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
LL	LANDLORD
SPS	TENANT'S SODA POP SUPPLIER
TAB	TENANT'S TEST AND BALANCE VENDOR
TCC	TENANT'S CABLING CONTRACTOR
TDC	TENANT'S DUCT CLEANER
TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
TLS	TENANT'S LIGHT/LAMP SUPPLIER
TMB	TENANT'S MENU BOARD SUPPLIER
TMS	TENANT'S MILLWORK SUPPLIER
TP	TENANT'S HOOD SUPPLIER
TRS	TENANT'S RAILING SUPPLIER
TSV	TENANT'S SIGN VENDOR
TUV	TENANT'S UV SMITAZIZER SUPPLIER
WCS	TENANT'S WALK-IN COOLER SUPPLIER
WHS	TENANT'S WATER HEATER SUPPLIER

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PLUMBING
SPECIFICATIONS

P010

PLUMBING MATERIAL SCHEDULE		
	APPLICATION	ALLOWABLE MATERIAL
NATURAL GAS PIPE	CONCEALED	SCH. 40 STEEL PIPE, MALLEABLE IRON THREADED FITTINGS
	EXPOSED	SCH. 40 STEEL PIPE, MALLEABLE IRON THREADED FITTINGS, PAINTED
SANITARY WASTE & VENT PIPE		
	ABOVE GROUND HAND SINK DRAINS	BRASS WITH CHROME FINISH
	ABOVE GROUND PREP SINK AND WARE WASHING SINK DRAINS	PVC PLASTIC DWV PIPE AND FITTINGS
	ABOVE GROUND, CONCEALED	PVC PLASTIC DWV PIPE AND FITTINGS
	BELOW GROUND	PVC PLASTIC DWV PIPE AND FITTINGS
WATER SUPPLY PIPE		
	ABOVE GRADE	TYPE L COPPER TUBE

Consultant:



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Contents:

PLUMBING PLAN
WATER & GAS

P100

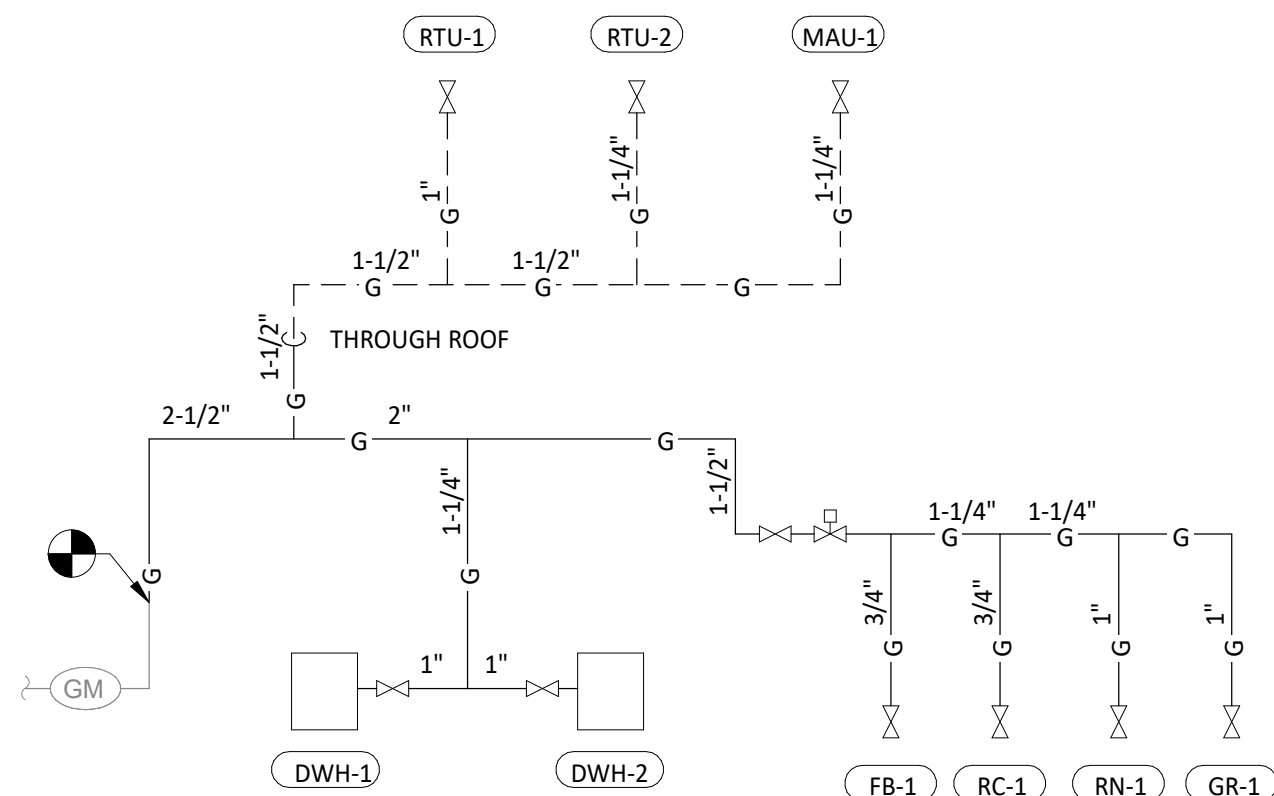
PLUMBING SUPPLY PLAN NOTES

- EXISTING 1-1/2" DOMESTIC WATER SERVICE BY SHELL. SEE CIVIL UTILITY PLAN FOR CONTINUATION OF 1-1/2" DOMESTIC WATER SERVICE
- PROVIDE 1/2" FILTERED WATER TO THE BAG-IN-BOX SODA CARBONATOR AT 102" AFF. SODA CARBONATOR SHALL HAVE AN INTEGRAL ASSE 1022-RATED CARBONATED BEVERAGE BACKFLOW PREVENTION DEVICE.
- PROVIDE WATER HEATERS DWH-1 AND DWH-2 PER DETAIL 1/P700.
- PROVIDE WATER FILTERS MOUNTED TO WALL PER DETAIL 11/P700. PROVIDE 1/2" SUPPLY PIPES FROM FILTERS TO ICE MAKER AND SODA CARBONATOR AS SHOWN.
- PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 56" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE MOP BASIN FAUCET AT 36" AFF. PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 64" AFF DIRECTLY ABOVE THE MOP BASIN FAUCET. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- EXISTING GAS METER PER SHELL. SEE CIVIL UTILITY PLAN FOR ON-SITE GAS ROUTING.
- PROVIDE GAS CONNECTIONS TO THE COOKING EQUIPMENT PER DETAIL 7/P700.
- SUPPORT THE GAS PIPE ON THE ROOF PER DETAIL 5/P700. WOOD BLOCKING IS NOT AN ACCEPTABLE METHOD OF SUPPORTING THE GAS PIPE.
- PROVIDE ACCESSIBLE LINE-SIZED GAS VALVE, DIRT LEG, AND UNION AT GAS CONNECTION TO THE EQUIPMENT.
- REFER TO ARCHITECTURAL DRAWINGS FOR PAINTING OF INTERIOR AND EXTERIOR EXPOSED GAS PIPE.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE VICTORY WASH DISPENSER FAUCET (HB-2) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- PROVIDE ROUGH-INS TO RESTROOM HAND SINKS AS SHOWN IN DETAIL 14/P700.
- PROVIDE KITCHEN EQUIPMENT GAS SHUTOFF 6" BELOW THE CEILING PER DETAIL 4/P700.
- CONNECT CHEMICAL DISPENSER TO HB-1. CHEMICAL DISPENSER HAS AN INTEGRAL AIR GAP AS IS SHOWN IN DETAIL 10/P700.
- PROVIDE ASSE 1016/1070 POINT-OF-USE THERMOSTATIC MIXING VALVE, WATTS LFUSG-B, ON WATER SUPPLY TO KITCHEN HAND SINKS. PROVIDE ANGLE STOP BELOW SINK, FASTEN MIXING VALVE TO WALL, AND MAKE FINAL CONNECTION FROM ANGLE STOPS TO MIXING VALVE AND FROM MIXING VALVE TO FAUCET USING BRAIDED STAINLESS STEEL HOSE. ADJUST MIXING VALVE FOR A DISCHARGE TEMPERATURE OF APPROXIMATELY 110° F.
- PROVIDE ACCESSIBLE VALVE IN WATER SUPPLY TO FIXTURE AS SHOWN.
- PROVIDE GAS CONNECTION TO THE RICE COOKER PER DETAIL 6/P700.
- PROVIDE GAS ROUGH-IN TO FRYER BEHIND RICE COOKER TABLE SO THAT VALVES AND DIRT LEG ARE ACCESSIBLE ONCE FRYER IS SECURED INTO PLACE.
- PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 24" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
- INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS.
- PROVIDE 3/4" DOMESTIC HOT AND COLD WATER ROUGH-INS FOR THE PREP SINK (SK-2) FAUCET AT 24" AFF TO ALLOW FOR THE VICTORY WASH CHEMICAL DOCK TO BE INSTALLED DIRECTLY BELOW THE PREP SINK BASIN. MAKE FINAL CONNECTION TO THE PREP SINK USING 3/4" BRAIDED STAINLESS STEEL WATER HEATER CONNECTOR HOSE.
- PROVIDE 3/4" HOT WATER TO THE DISH MACHINE, MAKING FINAL CONNECTION USING CONNECTION HOSE FURNISHED WITH DISH MACHINE. PROVIDE WATER HAMMER ARRESTOR ON HOT WATER LINE. PROVIDE AN ACCESSABLE SHUTOFF VALVE AND UNION BELOW THE DISH MACHINE AND INSTALL THE STRAINER FURNISHED WITH THE DISH MACHINE IN AN ACCESSIBLE LOCATION AT THE CONNECTION TO THE UNIT.
- PROVIDE ROOF HYDRANT RH-1 WITH BOTTOM OF NOZZLE INSTALLED 24" ABOVE THE BOTTOM OF ROOF DECK. PROVIDE ACCESSIBLE ISOLATION VALVE IN WATER SUPPLY TO ROOF HYDRANT. SUPPORT ROOF HYDRANT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE FILTERED DOMESTIC WATER ROUGH-IN FOR THE SPEED FILL POT FILLER FAUCET (PF-1) AT 40" AFF. SEE ARCHITECTURAL ELEVATION FOR DETAIL.
- INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS. LOCATE IMSB BELOW UTENSIL COUNTER IN A LOCATION THAT DOES NOT INTERFERE WITH THE ROLLING RACK BELOW THE UTENSIL COUNTER.
- PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- PROVIDE ACCESSIBLE TRAP PRIMER ABOVE LAY-IN CEILING AS SHOWN. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH A SERVICE VALVE AT THE TRAP PRIMER INLET. PROVIDE 1/2" DISTRIBUTION PIPE(S) TO FLOOR DRAIN TRAP PRIMER CONNECTION(S) AS SHOWN. HORIZONTAL DISTRIBUTION PIPING SHALL HAVE CONTINUOUS SLOPE TO THE FLOOR DRAIN(S).
- PROVIDE WATER SOFTNER WS-1 PER DETAIL 19/P700.

PLUMBING GAS CONNECTIONS

TAG	DESCRIPTION	CONNECTION SIZE	EQUIVALENT LENGTH	INPUT
DWH-1	WATER HEATER (GAS TANKLESS)	3/4"	40'	199,000 Btu/h
DWH-2	WATER HEATER (GAS TANKLESS)	3/4"	40'	199,000 Btu/h
FB-1	GAS FRYER	3/4"	56'	90,000 Btu/h
GR-1	GAS GRIDDLE	3/4"	71'	110,000 Btu/h
MAU-1	DIRECT-FIRED MAKEUP AIR UNIT	1/2"	99'	225,000 Btu/h
RC-1	RICE COOKER	3/4"	61'	33,000 Btu/h
RN-1	6 BURNER RANGE	3/4"	66'	192,000 Btu/h
RTU-1	KITCHEN ROOFTOP UNIT	3/4"	62'	125,000 Btu/h
RTU-2	DINING ROOM ROOFTOP UNIT	3/4"	73'	180,000 Btu/h
GRAND TOTAL			MAX: 100	1,353,000 Btu/h

- NOTES:
1. PRESSURE REQUIRED AFTER METER: 7" W.C.
2. DISTANCES ARE APPROXIMATE

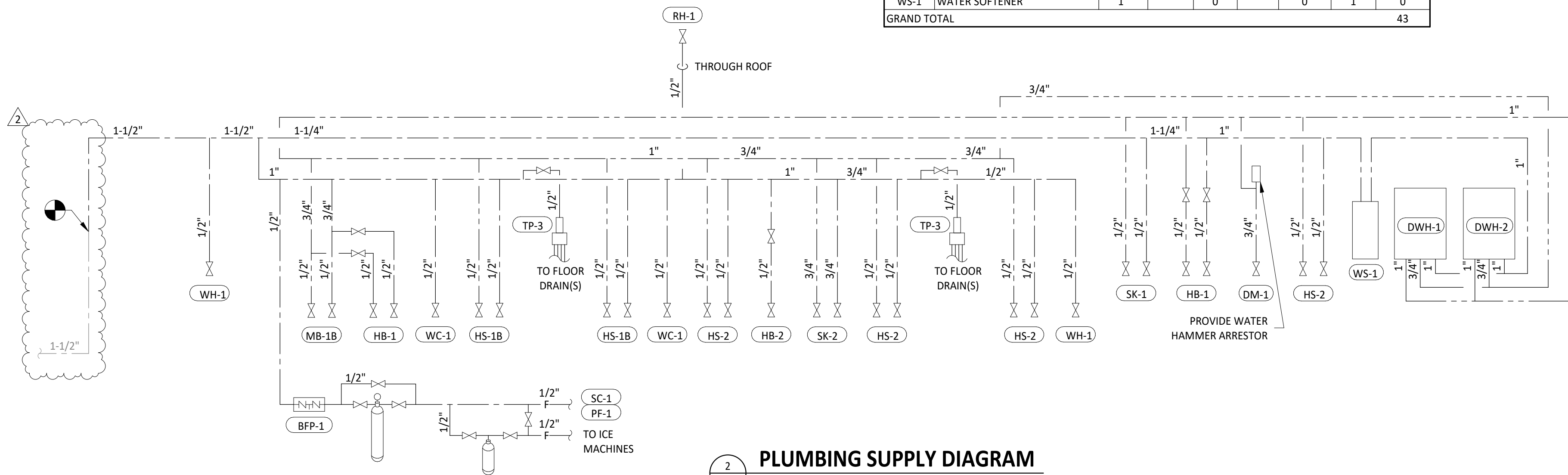


GAS DISTRIBUTION DIAGRAM

3 P100
NOT TO SCALE

PLUMBING FIXTURE SUPPLY CONNECTIONS

TAG	DESCRIPTION	CONNECTION SIZE		WSFU		TOTAL	COUNT	TOTAL WSFU
		CW	HW	CW	HW			
BFP-1	RPZ BACKFLOW PREVENTER	1/2"		0	0	0	1	0
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)	0"	3/4"	0	3	3	1	3
ET-1	EXPANSION TANK	3/4"		0		0	1	0
HB-1	CHEMICAL DISPENSER HOSE BIB	1/2"	1/2"	2.25	2.25	3	2	6
HB-2	VEGETABLE WASH HOSE BIB	1/2"			1.5	1.5	1	1.5
HS-1B	RESTROOM HAND SINK FAUCET	1/2"	1/2"	1.5	1.5	2	2	4
HS-2	KITCHEN HAND SINK	1/2"	1/2"	1.5	1.5	2	4	8
MB-1B	MOP SINK FAUCET	1/2"	1/2"	2.25	2.25	3	1	3
PF-1	SPEED FILL FAUCET	3/8"			1.5	1.5	1	1.5
RH-1	FREEZE PROOF ROOF HYDRANT	3/4"			1	1	1	1
SC-1	BAG-IN-BOX SODA RACK WITH CARBONATORS	1/2"		1		1	1	1
SK-1	THREE COMPARTMENT SINK	1/2"	1/2"	3	3	4	1	4
SK-2	PREP SINK	3/4"	3/4"	3	3	4	1	4
TP-3	TRAP PRIMER (THREE-FOUR FLOOR DRAINS)	1/2"		0		0	2	0
WC-1	WATER CLOSET	1/2"		2		2	2	4
WH-1	FREEZE PROOF WALL HYDRANT	3/4"		1		1	2	2
WS-1	WATER SOFTENER	1"		0		0	1	0
GRAND TOTAL								43



PLUMBING SUPPLY DIAGRAM

2 P100
NOT TO SCALE

PLUMBING SUPPLY PLAN

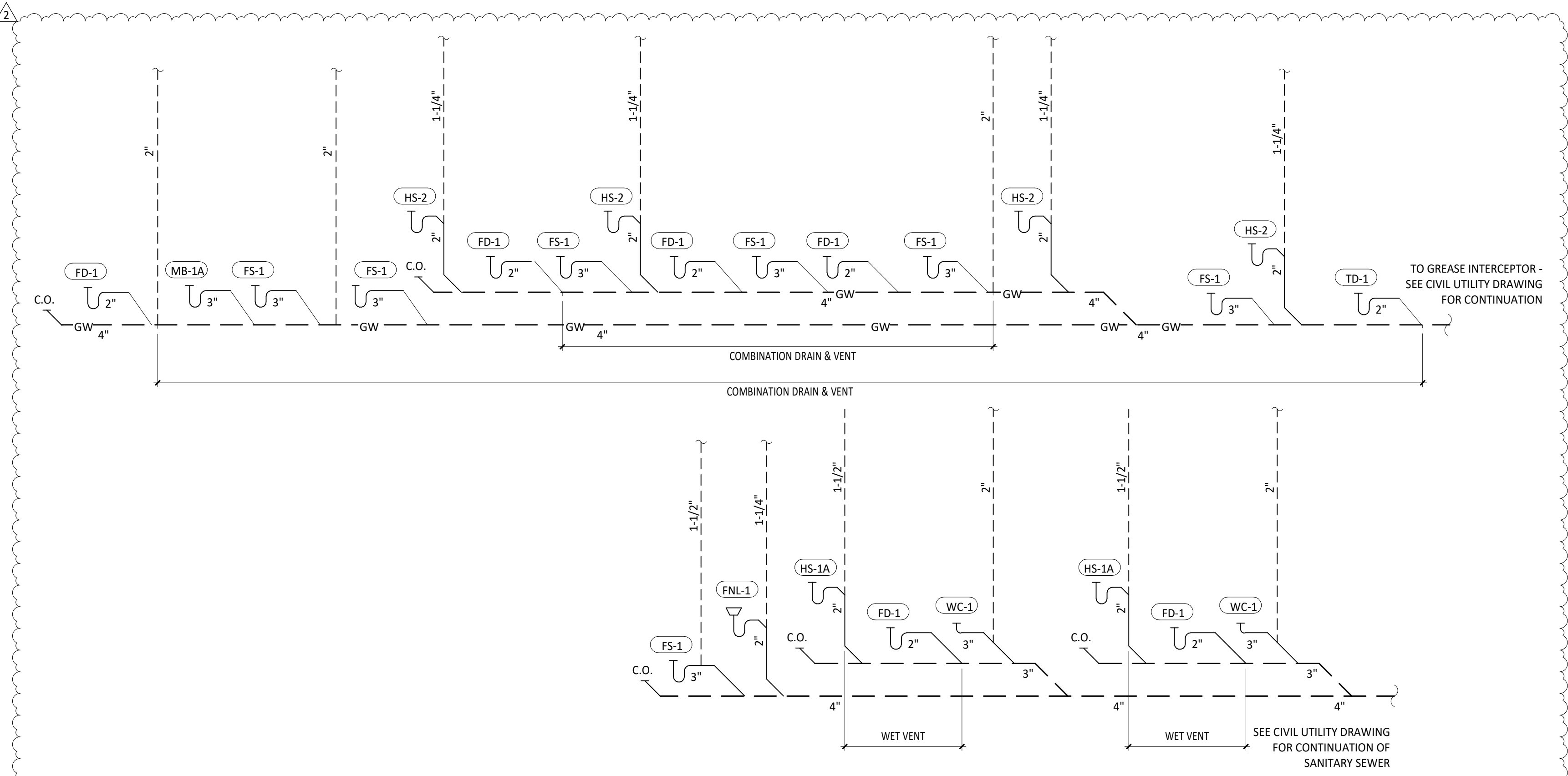
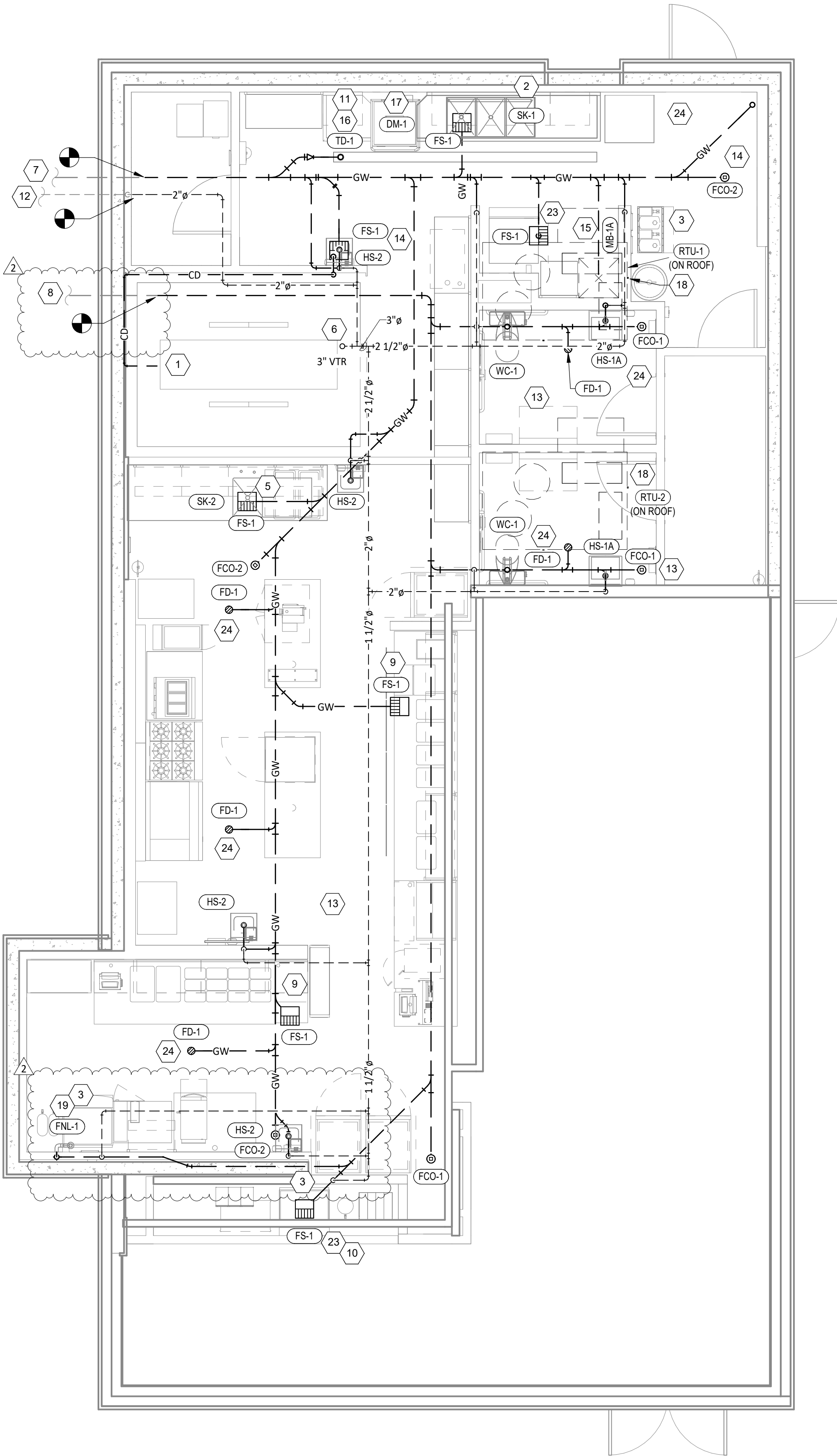
1 P100
1/4" = 1'-0"

PLUMBING WASTE AND VENT PLAN NOTES

- 1 PROVIDE 3/4" CONDENSATE DRAIN FROM THE WALK-IN COOLER EVAPORATOR TO THE FLOOR SINK BELOW AS SHOWN. SLOPE CONDENSATE DRAIN A MINIMUM OF 1" PER FOOT. HOLD EXPOSED CONDENSATE DRAIN IN WALK-IN COOLER AS HIGH AS POSSIBLE. CONCEAL DRAIN PIPING WITHIN FRAMED WALLS AS SHOWN. DISCHARGE THROUGH AN AIR GAP. MAKE FINAL CONNECTION TO EVAPORATOR INSIDE WALK-IN COOLER USING A UNION. CONDENSATE DRAIN SHOULD PENETRATE WALL AT POINT OF DISCHARGE AT 8" AFF.
- 2 PROVIDE DRAIN CONNECTIONS TO THE THREE COMPARTMENT SINK PER DETAIL 2/P700.
- 3 COORDINATE ROUTING OF SODA BUNDLES WITH COCA-COLA TECHNICIAN FROM BAG-IN-BOX AREA TO EACH SODA FOUNTAIN. OTHER THAN WITHIN THE WALLS DOWN TO THE DRYER BOX THE SODA BUNDLE SHALL BE ROUTED OVERHEAD WITHOUT CONDUIT. COORDINATE SUPPORT AND ROUTING OF THE SODA LINE BUNDLES WITH COCA-COLA TECHNICIAN DURING ROUGH IN AND PROVIDE NECESSARY SUPPORTS. SEE ARCHITECTURAL DRAWINGS FOR SODA BUNDLE TERMINATION LOCATION AND PROVIDE TERMINATION PER DETAIL 12/P700.
- 4 NOT USED.
- 5 PROVIDE DRAIN LINES FROM THE FOOD PREP SINK TO THE FLOOR SINK. PROVIDE AN AIR GAP AT THE DISCHARGE TO THE FLOOR SINK.
- 6 PROVIDE A 3" VENT THROUGH THE ROOF PER DETAIL 3/P700.
- 7 EXISTING GREASE INTERCEPTOR GI-1. SEE CIVIL UTILITY PLAN AND SHELL PLANS FOR GI-1 LOCATION AND FOR CONTINUATION OF 4" GREASE WASTE PIPE TO GI-1.
- 8 SEE CIVIL UTILITY PLAN FOR CONTINUATION OF EXISTING 4" SANITARY SEWER.
- 9 PROVIDE 3/4" VALVED DRAIN FROM HOT FOOD TABLE TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP.
- 10 PROVIDE INSULATED COPPER DRAIN LINES FROM THE TEA TRAY DRAIN AND THE SODA MACHINE DRAIN TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP. HOLD TEA TRAY DRAIN AS HIGH AS POSSIBLE AND SECURE TO STRUCTURE BELOW THE UTENSIL COUNTER.
- 11 TRIM TRENCH DRAIN ENDS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION SO THAT GRATE FITS WITHOUT GAPS. INSTALL TRENCH DRAIN WITH SLIGHT POSITIVE SLOPE TOWARD THE DRAIN CONNECTION TO AVOID STANDING WATER IN TRENCH DRAIN.
- 12 EXISTING 2" VENT TO GREASE INTERCEPTOR GI-1. SEE CIVIL UTILITY PLAN FOR GI-1 LOCATION.
- 13 DO NOT PROVIDE WALL CLEANOUTS ON TILE OR PUBLICLY-VISIBLE WALLS. IF A WALL CLEANOUT IS REQUIRED ON THESE SURFACE COORDINATE THE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER.
- 14 PROVIDE INDIRECT WASTE AND CONDENSATE DRAINS FROM FIXTURES OTHER THAN KITCHEN SINKS CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.
- 15 PROVIDE DRAIN FROM WATER FILTER BFP TO MOP BASIN CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.
- 16 PROVIDE TRENCH DRAIN AS SHOWN IN DETAIL 15/P700.
- 17 INSTALL DRAIN HOSE FURNISHED WITH DISH MACHINE FROM DISH MACHINE OUTLET TO FLOOR SINK. HOLD DRAIN HOSE TIGHT TO WALL AND SECURE TO 3-COMP SINK DRAIN TO MAINTAIN AN AIR GAP AT THE FLOOR SINK.
- 18 PROVIDE CONDENSATE TRAP ON RTU PER DETAIL 13/P700.
- 19 SEE DETAIL 18/P700 FOR DRAINS FROM TEA TRAY, ICE MAKER, AND SODA MACHINE TO FUNNEL DRAIN.
- 23 PROVIDE PVC DRAIN PIPES FROM THE ICE MACHINE TO THE FLOOR SINK PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE A CODE-APPROVED AIR GAP AT THE DISCHARGE TO THE FLOOR SINK. SECURE ICE MAKER DRAIN PIPES TO THE BOTTOM OF THE ICE MAKER.
- 24 PROVIDE DCW CONNECTION TO FLOOR DRAIN TRAP PRIMER PER DETAIL 18/P700.

PLUMBING FIXTURE WASTE CONNECTIONS

TAG	DESCRIPTION	CONNECTION SIZE - WASTE	DFU	COUNT	TOTAL DFU
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)	5/8"	7	1	7
FCO-1	FLOOR CLEANOUT (3")	3"	0	3	0
FCO-2	FLOOR CLEANOUT (4")	4"	0	4	0
FD-1	FLOOR DRAIN	2"	2	5	10
FNL-1	FUNNEL DRAIN	2"	2	1	2
FS-1	FLOOR SINK	3"	5	7	35
GI-1	GREASE INTERCEPTOR	4"	0	1	0
HS-1A	RESTROOM HAND SINK	2"	1	2	2
HS-2	KITCHEN HAND SINK	2"	1	4	4
MB-1A	MOP BASIN	3"	2	1	2
SK-1	THREE COMPARTMENT SINK	2"	0	1	0
SK-2	PREP SINK	2"	0	1	0
TD-1	TRENCH DRAIN	2"	2	1	2
WC-1	WATER CLOSET	3"	4	2	8
GRAND TOTAL					72



2 P110 SANITARY WASTE & VENT DIAGRAM NOT TO SCALE

1 P110 SANITARY WASTE & VENT PLAN 1/4" = 1'-0"

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PLUMBING PLAN
WASTE & VENT

P110

PLUMBING FIXTURE SCHEDULE														
TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS	COUNT	CONNECTION SIZE			WATER SUPPLY FIXTURE UNITS			DRAINAGE FIXTURE UNITS
				MANUFACTURER	MODEL			CW	HW	WASTE	CW	HW	TOTAL	
BFP-1	RPZ BACKFLOW PREVENTER	GC	GC	CONBRACO	4ALF-203-T2F	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE	1	1/2"			0	0	0	
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)	KES	GC	SEE ARCH	--	CHEMICAL SANITIZING DISH MACHINE WITH INTEGRAL ELECTRIC BOOSTER HEATER AND PUMPED OUTLET	1	0"	3/4"	5/8"	0	3	3	7
ET-1	EXPANSION TANK	GC	GC	AMTROL	ST-5	2 GALLON CAPACITY	1	3/4"			0		0	
FB-1	GAS FRYER	KES	GC	SEE ARCH	--		1							
FCO-1	FLOOR CLEANOUT (3")	GC	GC	SIOUX CHIEF	852-3PNR	ON-GRADE ADJUSTABLE CLEANOUT WITH INTERNAL THREADED CLEANOUT PLUG AND ROUND NICKEL-BRONZE RING AND COVER (OR APPROVED EQUAL WITH INTERNAL THREADED CLEANOUT PLUG)	3			3"				0
FCO-2	FLOOR CLEANOUT (4")	GC	GC	SIOUX CHIEF	852-4PNR	ON-GRADE ADJUSTABLE CLEANOUT WITH INTERNAL THREADED CLEANOUT PLUG AND ROUND NICKEL-BRONZE RING AND COVER (OR APPROVED EQUAL WITH INTERNAL THREADED CLEANOUT PLUG)	4			4"				0
FD-1	FLOOR DRAIN	GC	GC	SIOUX CHIEF	842-2-PNR	ADJUSTABLE FLOOR DRAIN WITH PVC BODY, ROUND POLISHED METAL RING AND STRAINER, AND TRAP PRIMER PORT	5	1/2"		2"				2
FNL-1	FUNNEL DRAIN	GC	GC	JAY R. SMITH	3823T	FUNNEL DRAIN WITH CAST BRONZE BODY AND THREADED OUTLET	1			2"				2
FS-1	FLOOR SINK	GC	GC	SIOUX CHIEF	861-3PUZ	HEAVY DUTY PVC FLOOR SINK WITH ALUMINUM DOME BOTTOM STRAINER AND OPEN HALF PVC GRATE	7			3"				5
GI-1	GREASE INTERCEPTOR	EXG	EXG	CUSTOM	--	1,250 GALLON PRECAST GREASE INTERCEPTOR	1			4"				0
GR-1	GAS GRIDDLE	KES	GC	SEE ARCH	--		1							
HB-1	CHEMICAL DISPENSER HOSE BIB	KES	GC	SEE ARCH	--	COMMERCIAL QUALITY HOT & COLD MIXING WALL HYDRANT. SUPPLY ARMS SHALL HAVE INTEGRAL SHUT-OFF STOP AND CHECK VALVE. FAUCET HAS FEMALE NPT INLETS.	2	1/2"	1/2"		2.25	2.25	3	
HB-2	VEGETABLE WASH HOSE BIB	KES	GC	SEE ARCH	--	SILL FAUCET WITH NPT FEMALE INLET	1	1/2"			1.5		1.5	
HS-1A	RESTROOM HAND SINK	GC	GC	KOHLER	K-2084	ADA-ACCESSIBLE, WALL-MOUNTED, PORCELAIN LAVATORY. PROVIDE ZURN Z1231 (Z1231-D FOR BACK-TO-BACK APPLICATIONS) CONCEALED ARM CARRIER IN WALL.	2			2"				1
HS-1B	RESTROOM HAND SINK FAUCET	KES	GC	SEE ARCH	--	PLUG-IN AUTOMATIC FAUCET WITH 0.5 GPM AERATOR AND THERMOSTATIC MIXING VALVE. ADJUST FAUCET CONTROLS FOR 10 SECOND SHUTOFF DELAY AND 30 SECOND TIME-OUT DELAY.	2	1/2"	1/2"		1.5	1.5	2	
HS-2	KITCHEN HAND SINK	KES	GC	SEE ARCH	--	STAINLESS STEEL SINK WITH WALL MOUNTING BRACKET AND BACKSPLASH MOUNTED FAUCET WITH SWIVEL GOOSENECK	4	1/2"	1/2"	2"	1.5	1.5	2	1
MB-1A	MOP BASIN	GC	GC	FIAT	MSB2424	PROVIDE 24"x24"x10" MOLDED-STONE MOP BASIN. INSTALL MOP BASIN IN A BED OF GROUT SO THERE ARE NO VOIDS BETWEEN THE MOP BASIN AND THE SLAB.	1			3"				2
MB-1B	MOP SINK FAUCET	KES	GC	SEE ARCH	--	SERVICE SINK FAUCET WITH BUILT IN STOPS, LEVER HANDLES, WALL BRACE, AND NPT FEMALE INLETS	1	1/2"	1/2"		2.25	2.25	3	
PF-1	SPEED FILL FAUCET	KES	GC	SEE ARCH	--	WALL-MOUNTED POT FILLER W/ SELF-CLOSING FILLER VALVE AND NPT FEMALE INLET	1	3/8"			1.5		1.5	
RC-1	RICE COOKER	KES	GC	SEE ARCH	--		1							
RH-1	FREEZE PROOF ROOF HYDRANT	GC	GC	HOEPTNER	2131R	AUTOMATIC DRAINING, FREEZELESS ROOF HYDRANT WITH ANTI-SIPHON VACUUM BREAKER HOEPTNER PRODUCTS (408) 847-7615	1	3/4"			1		1	
RN-1	6 BURNER RANGE	KES	GC	SEE ARCH	--		1							
SC-1	BAG-IN-BOX SODA RACK WITH CARBONATORS	SPS	SPS	SEE ARCH	--	SODA CARBONATOR(S) SHALL HAVE AN INTEGRAL ASSE 1022-RATED CARBONATED BEVERAGE BACKFLOW PREVENTION DEVICE.	1	1/2"			1		1	
SK-1	THREE COMPARTMENT SINK	KES	GC	SEE ARCH	--	THREE-COMPARTMENT WARE-WASHING SINK FURNISHED WITH (1) PRE-RINSE UNIT WITH ADD-ON FAUCET	1	1/2"	1/2"	2"	3	3	4	0
SK-2	PREP SINK	KES	GC	SEE ARCH	--	STAINLESS STEEL PREP TABLE WITH INTEGRAL PREP SINK. FURNISHED WITH "BIG FLO" FAUCET	1	3/4"	3/4"	2"	3	3	4	0
TD-1	TRENCH DRAIN	GC	GC	ZURN	Z886 8601 8602	6" X 160" HDPE TRENCH DRAIN (SLOPED FROM 3.50" TO 4.70") WITH (2) CLOSED END CAPS, (1) 4" NO-HUB BOTTOM OUTLET, AND CLASS-A HEEL-PROOF POLYETHYLENE GRATES. SEE DETAIL ON SHEET P700 FOR REDUCTION TO 2" DRAIN CONNECTION.	1			2"				2
TP-3	TRAP PRIMER (THREE-FOUR FLOOR DRAINS)	GC	GC	PRECISION PLUMBING PRODUCTS	P1-500 W/ DU-U	TRAP PRIMER WITH INTEGRAL VACUUM BREAKER AND DISTRIBUTION UNIT. CAP UNUSED DISTRIBUTION UNIT OUTLETS.	2	1/2"			0		0	
WC-1	WATER CLOSET	GC	GC	KOHLER	K-3519 W/ SEAT K-4666-C	WHITE HIGHLIGHT 1.0 GPF, 17-1/8"-HIGH, ADA ACCESSIBLE, PRESSURE ASSIST WATER CLOSET WITH OPEN-FRONT SEAT. INSTALL TRIP LEVER ON THE TANK TO THE OPEN SIDE OF THE STALL (ADD -RA TO THE MODEL #FOR RIGHT HAND TRIP LEVER).	2	1/2"		3"	2		2	4
WH-1	FREEZE PROOF WALL HYDRANT	EXG	EXG	WOODFORD	MODEL 65	AUTOMATIC DRAINING, FREEZELESS WALL HYDRANT WITH ANTI-SIPHON VACUUM BREAKER. PROVIDE WITH STEM LONG ENOUGH TO REACH INSIDE THE THERMAL ENVELOPE OF THE BUILDING.	2	3/4"			1		1	
WS-1	WATER SOFTENER	KES	GC	CUNO	CFSM1254E	POINT OF ENTRY HIGH CAPACITY WATER TREATMENT SYSTEM. PROVIDE STARTUP PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.	1	1"			0		0	

WATER HEATER SCHEDULE									
TAG	DESCRIPTION	NATURAL GAS		ELECTRICAL	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
		INPUT	CONNECTION SIZE				MANUFACTURER	MODEL	
DWH-1	WATER HEATER (GAS TANKLESS)	199,000 Btu/h	3/4"	120/1/60	GC	GC	NAVIENT	NPE-240A2	RATED FLOW RATE: 5.6 GPM @ 67°F RISE THERMAL EFFICIENCY: 96% PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIENT AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIENT.COM TO LOCATE AUTHORIZED DISTRIBUTOR) USING CHIPOTLE'S NEGOTIATED RATE.
DWH-2	WATER HEATER (GAS TANKLESS)	199,000 Btu/h	3/4"	120/1/60	GC	GC	NAVIENT	NPE-240A2	RATED FLOW RATE: 5.6 GPM @ 67°F RISE THERMAL EFFICIENCY: 96% PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIENT AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIENT.COM TO LOCATE AUTHORIZED DISTRIBUTOR) USING CHIPOTLE'S NEGOTIATED RATE.

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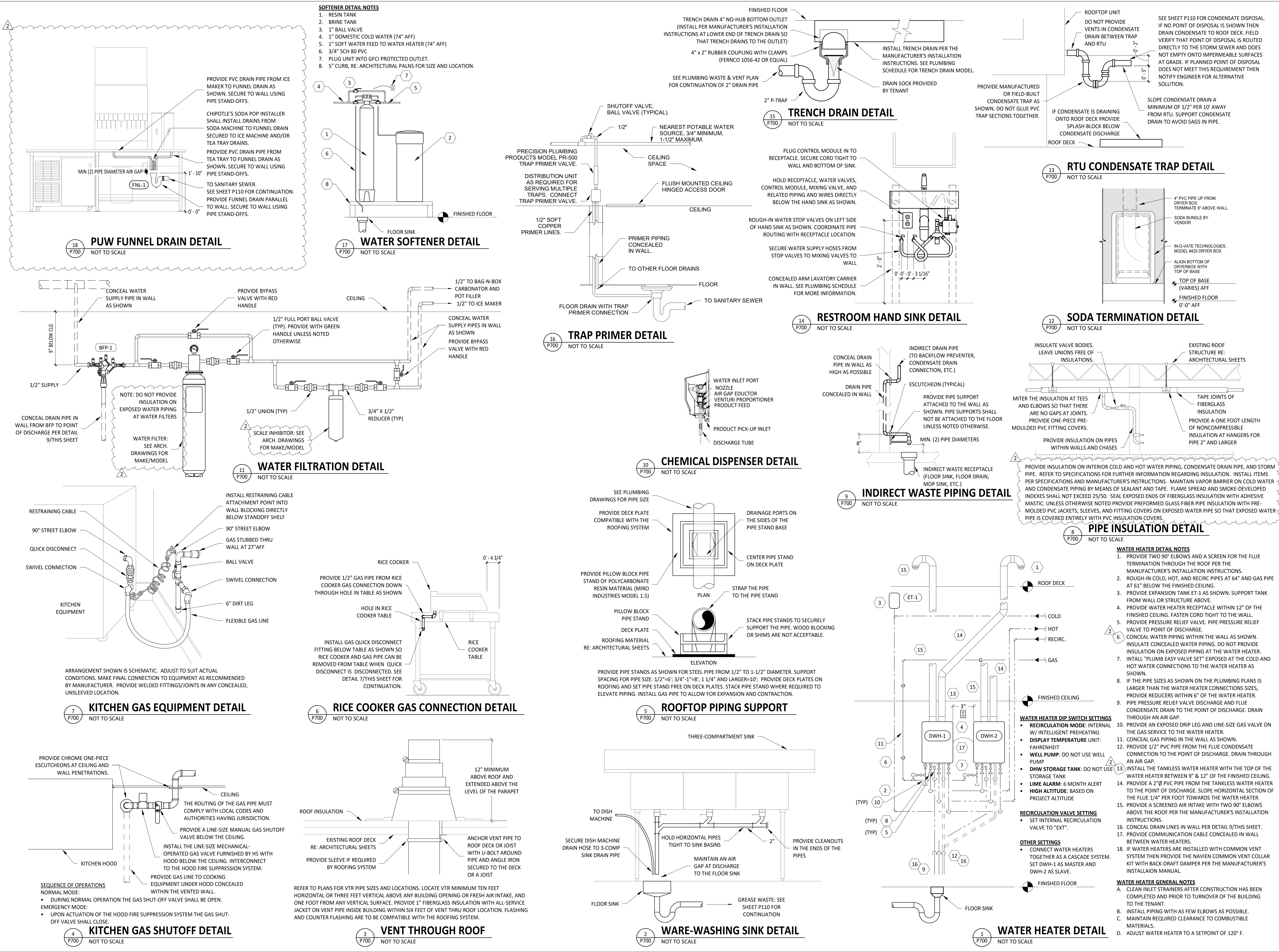
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Contents:

PLUMBING
SCHEDULES

P600



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PLUMBING DETAILS

P700

LIGHTING CONTROL PANEL SCHEDULE: LCP

RELAY	PANEL	CIRCUIT	AREA SERVED	CONTROL	TIME ON	TIME OFF	DIMMER CONTROL	NOTES
R1	A	32	KITCHEN A	TIMECLOCK	10:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R2	A	32	KITCHEN B	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R3			SPARE					SINGLE POLE (NC)
R4	A	30	DINING A	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R5	A	30	DINING B	TIMECLOCK	10:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R6	A	30	DINING DL	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R7	A	28	RESTROOM EXHAUST FAN	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R8	A	42	EXT. LIGHTING/SIGNAGE	TIMECLOCK	SUNSET - 1 HR	12:00:00 AM	N/A	SINGLE POLE (NC)

LIGHTING CONTROL PANEL SCHEDULE NOTES

A. DUPLICATE PANEL SCHEDULE AND PERMANENTLY INSTALL WITHIN THE LIGHTING CONTROL PANEL.

LIGHTING CONTROL COMPONENTS SCHEDULE

	DESCRIPTION	QUANTITY	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	REMARKS
LCP	nLIGHT LIGHTING CONTROL PANEL	1	TLS	GC	ACUITY	ARP INTENC08 NLT 8SPR MVOLT FM DTC	8 RELAY PANEL FOR DIMMING CONTROL WITH FLUSH MOUNT ENCLOSURE, AND DIGITAL TIME CLOCK
\$C	WALL-MOUNTED OVERRIDE SWITCH	1	TLS	GC	ACUITY	nPODMA 4P	SEE LIGHTING CONTROL DIAGRAM FOR SWITCH CONFIGURATION
\$D	WALL-MOUNTED DIMMER SWITCH	2	TLS	GC	COOPER	SA106P-W	SLIDE DIMMER COMPATIBLE WITH UP TO 300W LED LIGHTING. SET AT 50%. IF DINING ROOM LIGHTS FLICKER AT THIS DIMMER SETTING THEN GC SHALL PROVIDE LUTRON DVCL-253P DIMMER AS REPLACEMENT.
\$OC	WALL-MOUNTED LINE VOLTAGE OCCUPANCY SENSOR	3	TLS	GC	HUBBELL	LHMTS 1-N-WH	WHITE DUAL TECHNOLOGY SINGLE RELAY WITH 1 BUTTON AND NEUTRAL WIRING

LIGHTING FIXTURE SCHEDULE

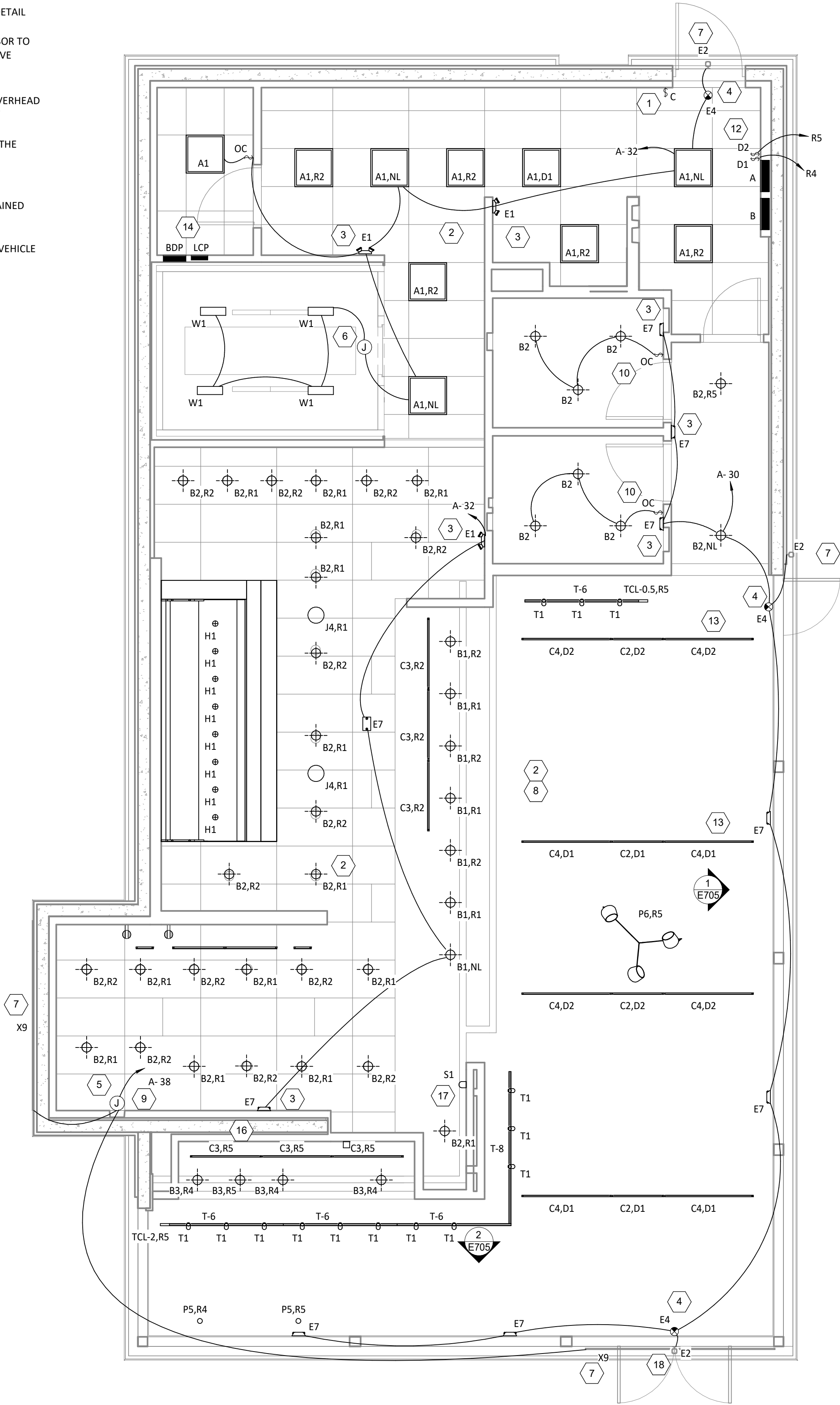
TAG	COUNT	DESCRIPTION	MOUNTING	VOLTAGE	WATTS	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN			REMARKS
								MANUFACTURER	MODEL	LAMP	
A1	10	2x2 LED LENSED TROFFER	LAY-IN	120 V	30 W	TLS	GC	NORA LIGHTING	NPDBL-E22/334 W	INTEGRAL 3000K LED	COMPATIBLE WITH 0-10V DIMMING, FACTORY LOCKED TO 3000K
B1	7	RECESSED 6IN CAN LIGHT	CEILING	120 V	17 W	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL W/ NTM-57W/M1 TRIM	(1) 17W ECOSTORY ECO-PAR38C-17-GU24-27 K-25D LED (25"-2700K) W/ GU 24 BASE	
B2	35	RECESSED 6IN CAN LIGHT W/ LED TRIM	CEILING	120 V	17 W	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL WITH NLCBC-65130WW LED TRIM	INTEGRAL 3000K LED	LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER
B3	4	RECESSED 6IN CAN LIGHT W/ BLACK LED TRIM	CEILING	120 V	12 W	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL WITH NLCBC2-65127BB LED TRIM	INTEGRAL 3000K LED	BLACK LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER
C0	2	LOW PROFILE LED - 1 FT	SURFACE	120 V	5 W	TLS	GC	HERA LIGHTING	EL/LED/12/WW	INTEGRAL 3000K LED	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C2	6	LOW PROFILE LED - 3 FT	SURFACE	120 V	12 W	TLS	GC	HERA LIGHTING	EL/LED/34/WW	INTEGRAL 3000K LED	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C3	6	LOW PROFILE LED - 4 FT	SURFACE	120 V	15 W	TLS	GC	HERA LIGHTING	EL/LED/46/WW	INTEGRAL 3000K LED	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C4	8	LOW PROFILE LED - 5 FT	SURFACE	120 V	18 W	TLS	GC	HERA LIGHTING	EL/LED/59/WW	INTEGRAL 3000K LED	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
E1	3	EMERGENCY LIGHT - DUAL HEAD	VARIOUS	120 V	2 W	TLS	GC	EXITRONIX	LED-90	INTEGRAL LED	90 MINUTE BATTERY BACKUP
E2	3	EXTERIOR REMOTE EMERGENCY LIGHT	VARIOUS	4 V	1 W	EXG	EXG	EXITRONIX	MLED1-B-WP	INTEGRAL LED	LOW VOLTAGE REMOTE EMERGENCY LIGHT POWERED BY REMOTE-CAPABLE EXIT SIGN WITH MOUNTING PLATE
E4	3	WHITE EXIT SIGN WITH EMERGENCY LIGHT -STANDARD RED LETTERS	VARIOUS	120 V	2 W	TLS	GC	EXITRONIX	CLED-U-WH	INTEGRAL LED	90 MINUTE BATTERY BACKUP WITH INTEGRAL EMERGENCY LIGHT, REMOTE HEAD CAPABLE
E7	9	EMERGENCY LIGHT	VARIOUS	120 V	2 W	TLS	GC	DUAL LITE	EV2	INTEGRAL LED	90 MINUTE BATTERY BACKUP
G4	1	PATIO POLE LIGHT	GROUND	120 V	10 W	TLS	GC	RAB LIGHTING	ALED10Y W/ PS4-11-10D2 POLE	INTEGRAL LED	SEE PLAN FOR LAMP HEAD CONFIGURATION. REFER TO ARCHITECTURAL SHEETS FOR FINISH AND INSTALLATION DETAIL
H1	8	VAPOR PROOF HOOD LIGHT	SURFACE	120 V	15 W	HS/TLS	HS	FURNISHED W/ HOOD	FURNISHED W/ HOOD	(1) TCP L16A19N1527K	INSTALL LAMP FURNISHED SEPARATELY BY LIGHTING SUPPLIER
J4	2	DECORATIVE PENDANT	PENDANT	120 V	9 W	TLS	GC	BARNLIGHT	BLE-C-CPT10-ASH-100-S BK-100-CAW	GREEN CREATIVE 9A19DIM/927/GU24/R	WITH BLACK LAMP SHADE, BLACK CORD, AND OAK LAMP HOLDER
P5	2	PENDANT	PENDANT	120 V	5 W	TLS	GC	HI-LITE MFG	H-LC-91/CB12-91/20W LBL	TCP FG25D4027CCQ	ADJUST CORD LENGTH FOR MOUNTING HEIGHT CALLED FOR IN ARCHITECTURAL DRAWINGS
P6	1	DECORATIVE DINING ROOM PENDANT	PENDANT	120 V	30 W	TLS	GC	BARNLIGHT	BLE-C-JGT-133-35630-3	INTEGRAL LED	HARDWIRED SET OF (3) HEADS WITH UNIVERSAL CANOPY AND STANDARD BLACK CABLES
S1	1	DRIVE-UP PICK-UP WINDOW CHIME/STROBE	WALL	16 V	0 W	TLS	GC	FEDERAL SIGNAL	SLM500B W/ SLMBW-012-024	INTEGRAL	SET SWITCH A TO "CHIME 1 SINGLE" (11011) AND SWITCH B TO "CHIME 2 SINGLE" (00111)
T1	14	TRACK HEAD	TRACK	120 V	10 W	TLS	GC	JUNO	R605L 30K 90CRI PDIM WFL BL	INTEGRAL LED	BLACK CYLINDER TRACK HEAD W/ UNIVERSAL 120V TRAC ADAPTER AND WIDE FLOOD BEAM
T-6	4	TRACK (6 FT)	SURFACE	120 V	0 W	TLS	GC	JUNO	T 6FT BL	N/A	SINGLE CIRCUIT, BLACK FINISH. FURNISH WITH CONNECTORS TO ACHIEVE ARRANGEMENT SHOWN ON PLANS. TRIM AS REQUIRED FOR LENGTHS SHOWN.
T-8	1	TRACK (8 FT)	SURFACE	120 V	0 W	TLS	GC	JUNO	T 8FT BL	N/A	SINGLE CIRCUIT, BLACK FINISH. FURNISH WITH CONNECTORS TO ACHIEVE ARRANGEMENT SHOWN ON PLANS. TRIM AS REQUIRED FOR LENGTHS SHOWN.
TCL-0.5	1	TRACK CURRENT LIMITER (60W)	SURFACE	120 V	0 W	TLS	GC	JUNO	TCLFM11 BL W/ TCLCB 0.5A BLCK	N/A	BLACK CURRENT LIMITING END FEED WITH CIRCUIT BREAKER
TCL-2	1	TRACK CURRENT LIMITER (240W)	SURFACE	120 V	0 W	TLS	GC	JUNO	TCLFM11 BL W/ TCLCB 2A BLCK	N/A	BLACK CURRENT LIMITING END FEED WITH CIRCUIT BREAKER
W1	4	WIC LED LIGHT	SURFACE	120 V	29 W	WCS	GC	FURNISHED W/ WIC	FURNISHED W/ WIC	INTEGRAL LED	WET-RATED COOLER FIXTURE
X9	2	EXTERIOR LED CHANNEL LIGHT	SURFACE	120 V	45 W	EXG	EXG	PARADIGM LED	AMC-2410-S-W/ OPAL LENS AND END CAPS	FLEXSR-45-30-67-24	FURNISHED W/ REMOTE-MOUNTED NEMA 3R LED DRIVER. SEE PLAN FOR LENGTHS.

LIGHTING FIXTURE SCHEDULE NOTES

A. SEE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT LOCATIONS.
B. SEE THE ARCHITECTURAL LIGHTING DETAILS FOR FIXTURE CONSTRUCTION DETAILS.

ELECTRICAL LIGHTING PLAN NOTES

1. INSTALL WALL-MOUNTED LIGHTING OVERRIDE SWITCH AND CONNECT TO LCP AS SHOWN IN DETAIL 6/E710
2. FOR UNCIRCUITED LIGHT FIXTURES, CONNECT TO RELAY CIRCUIT INDICATED NEXT TO THE FIXTURE TAG THROUGH THE LIGHTING CONTROL PANEL (LCP) UNLESS NOTED OTHERWISE.
3. WALL MOUNT THE EMERGENCY LIGHT FIXTURE AT 6" BELOW THE CEILING UNLESS NOTED OTHERWISE
4. VERIFY MOUNTING HEIGHT OF EXIT SIGN PRIOR TO ROUGH IN. EXIT SIGN MUST BE VISIBLE FROM AREA SERVED AFTER BUILDING SYSTEMS HAVE BEEN INSTALLED. SEE ARCHITECTURAL ELEVATIONS FOR FURTHER INFORMATION.
5. INSTALL LED DRIVERS FURNISHED WITH THE X9 LED STRIP LIGHTS ON WALL. 6" ABOVE THE CEILING IN AN ACCESSIBLE LOCATION. PROVIDE LOW VOLTAGE WIRING FROM LED DRIVER TO THE X9 LIGHT FIXTURES AS SHOWN.
6. INSTALL LIGHT FIXTURES FURNISHED WITH THE WALK-IN COOLER. PROVIDE UNSWITCHED CONDUCTOR FROM LIGHTING CIRCUIT TO WALK-IN COOLER LIGHTING J-BOX AND FROM J-BOX TO LIGHT FIXTURES AS SHOWN. CONDUIT BETWEEN LIGHT FIXTURES SHALL BE ROUTED ON THE INTERIOR OF THE WALK-IN COOLER. SEAL INTERIOR AND EXTERIOR OF CONDUITS WHERE THEY PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.
7. FIXTURE EXISTING BY SHELL. CIRCUIT AS SHOWN.
8. PROVIDE UNISTRUT AS SHOWN ON THE ARCHITECTURAL RCP PER THE ARCHITECTURAL UNISTRUT DETAIL. TYPICAL.
9. CONNECT EXTERIOR LIGHTING CIRCUIT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL PER DETAIL 6/E710.
10. INSTALL WALL-MOUNTED OCCUPANCY SENSOR FURNISHED BY LIGHTING SUPPLIER AT 42" AFF. ADJUST OCCUPANCY SENSOR TO PROVIDE AUTOMATIC ON/AUTOMATIC OFF OPERATION WITH A FIXED TIMER OF 30 MINUTES AND WITH BOTH THE PASSIVE INFRARED AND ULTRASONIC SENSORS ENABLED.
11. NOT USED.
12. INSTALL WALL-MOUNTED DIMMERS ABOVE PANELBOARDS 6" ABOVE LAY-IN CEILING FOR CONTROL OF DINING ROOM OVERHEAD STRIP LED AND PENDANT LIGHTS. CONNECT DIMMERS TO RELAYS SHOWN THROUGH THE LIGHTING CONTROL PANEL. SET DIMMERS AT 50%.
13. CONNECT DINING ROOM (RELAY CIRCUITS R4 AND R5) OVERHEAD STRIP LED LIGHTS TO THE RELAY INDICATED THROUGH THE CORRESPONDING WALL-MOUNTED DIMMER INSTALLED ABOVE THE PANELBOARDS.
14. INSTALL LIGHTING CONTROL SYSTEM PER DETAIL 6/E710.
15. NOT USED.
16. PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
17. INSTALL CHIME/STROBE FURNISHED WITH VEHICLE DETECTION SYSTEM ON WALL 12" BELOW CEILING AND CONNECT TO VEHICLE DETECTOR SYSTEM PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
18. VERIFY LOW VOLTAGE WIRING FROM EXIT SIGN TO REMOTE EMERGENCY LIGHT IS CONCEALED.

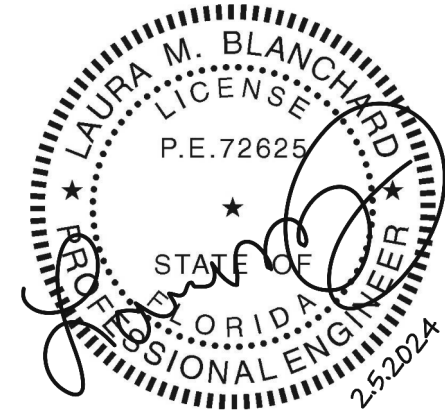


1 E100 LIGHTING FLOOR PLAN
1/4" = 1'-0"

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ELECTRICAL
LIGHTING PLAN

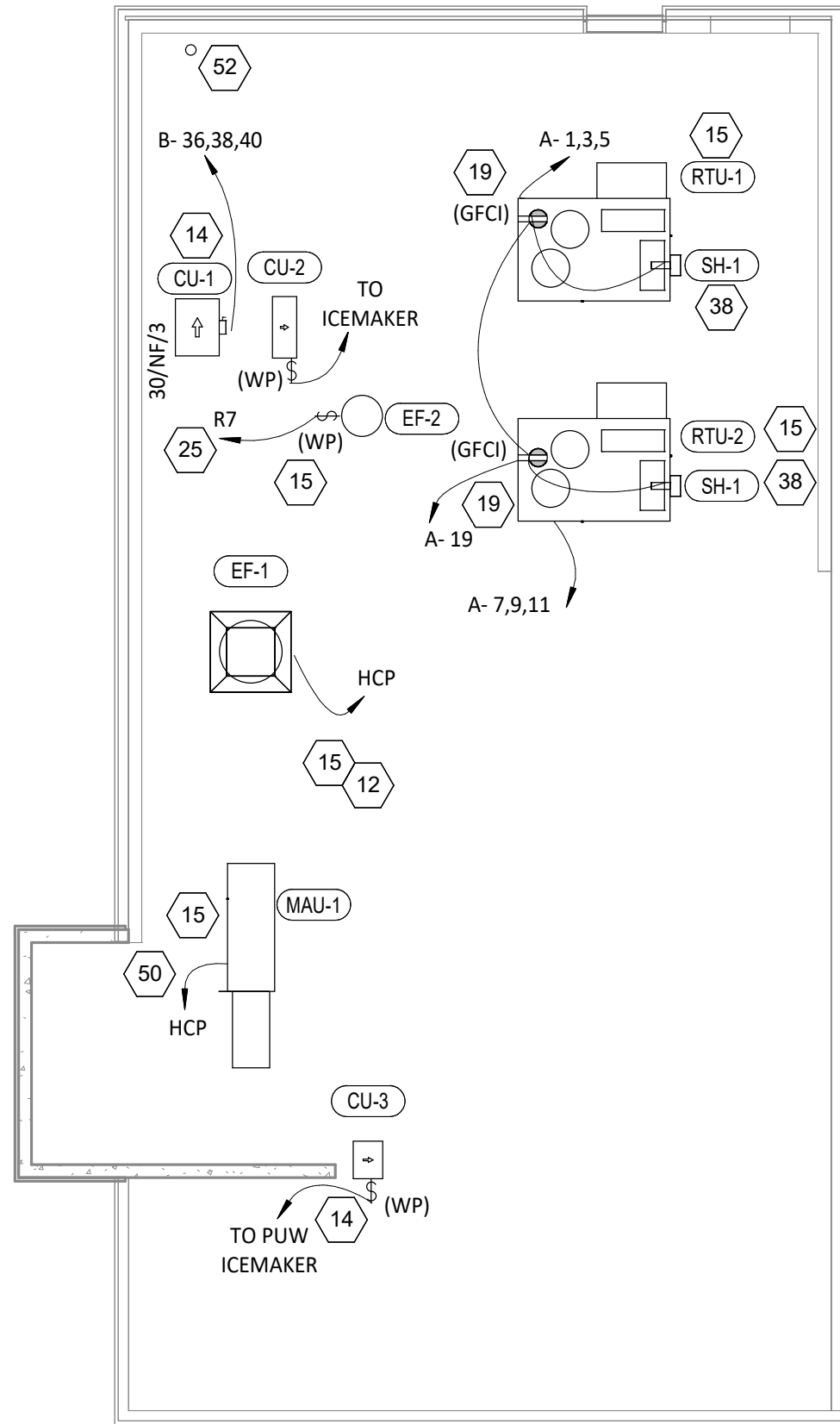
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ELECTRICAL POWER PLAN NOTES

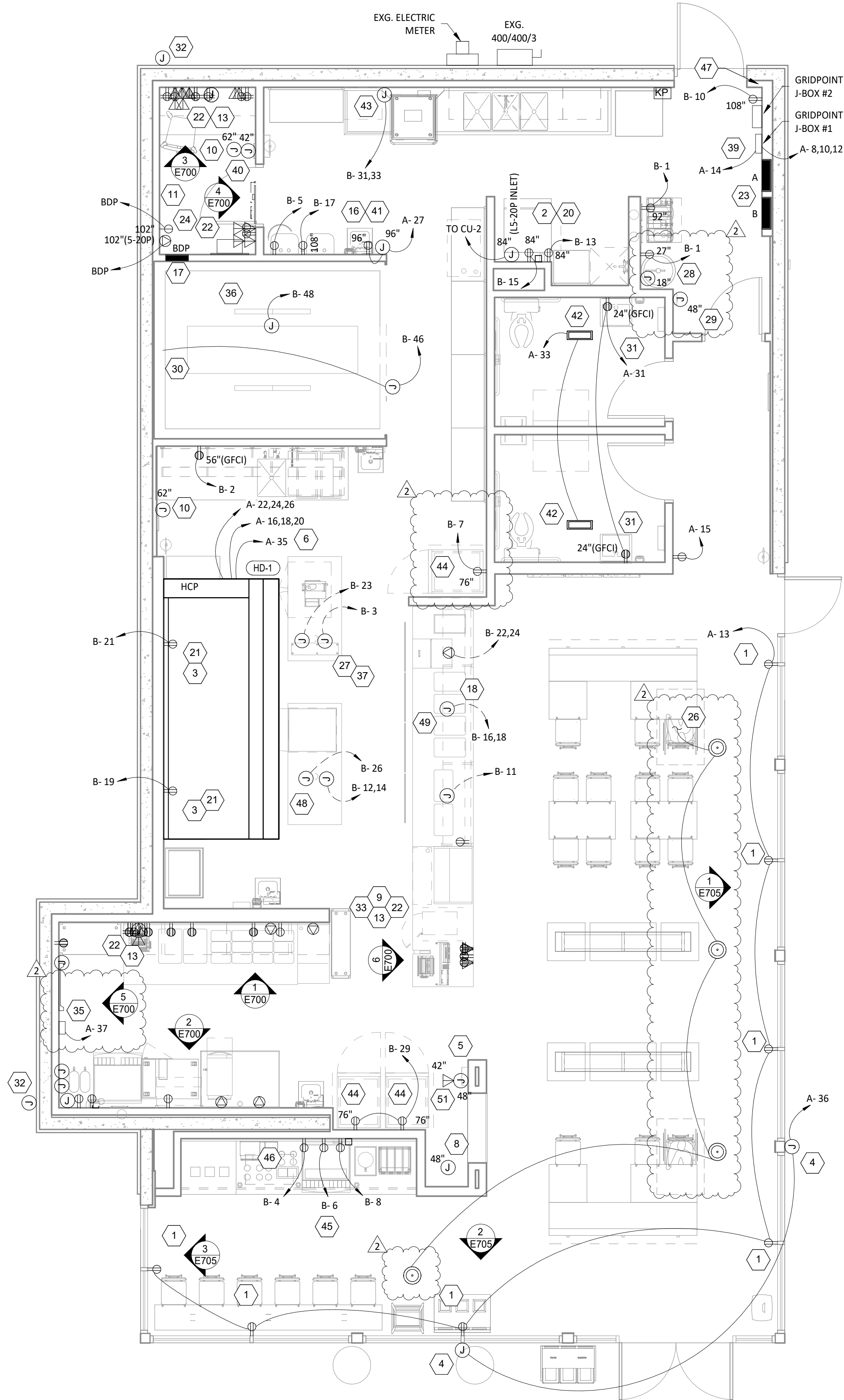
- 1 SHOW ROOM WINDOW RECEPTACLE. COORDINATE EXACT RECEPTACLE MOUNTING HEIGHT IN THE FIELD. LOCATION SHALL BE IN THE DRYWALL IMMEDIATELY ABOVE THE MAIN STORE-FRONT WINDOW AND AS SHOWN IN THE DINING ROOM ELECTRICAL ELEVATIONS ON SHEET E700.
- 2 ICE MACHINE ELECTRICAL TIE-IN. COORDINATE EXACT LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN. PROVIDE L5-20P FLANGED INLET WIRED TO THE REMOTE CONDENSER. PROVIDE 48" CORDS, ONE WITH 5-20P END AND ONE WITH L5-20R END, FROM ICE MAKER TO RECEPTACLE AND FLANGED INLET.
- 3 CONNECT RECEPTACLES SERVING EQUIPMENT BELOW THE KITCHEN HOOD TO THE CIRCUITS SHOWN THROUGH THE CONTACTOR INTEGRAL TO THE HOOD CONTROL PANEL. INTEGRAL CONTACTOR SHALL BE INTERLOCKED TO HOOD FIRE PROTECTION SYSTEM SO THAT RECEPTACLES ARE DE-ENERGIZED UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM.
- 4 JUNCTION BOX FOR EXTERIOR SIGN LIGHTING. COORDINATE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER AND THE SIGN INSTALLER PRIOR TO ROUGH-IN. CONNECT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710.
- 5 PROVIDE 4" OCTAGONAL JUNCTION BOX WITH SCREW THREADS SET AT THE 2 & 8 O'CLOCK POSITIONS FOR THE ANSUL PULL STATION. PROVIDE A 1/2" CONDUIT FROM THE J-BOX TO 6" ABOVE THE CEILING AND TERMINATE WITH A CONDUIT BUSHING. COORDINATE EXACT LOCATION WITH THE ANSUL SYSTEM INSTALLER AND THE FIRE MARSHALL PRIOR TO ROUGH-IN.
- 6 HOOD CONTROL PANEL AND ANSUL CABINET SHALL BE LOCATED WITHIN THE INTEGRAL HOOD UTILITY CABINET. PROVIDE FINAL ELECTRICAL CONNECTIONS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- 7 NOT USED.
- 8 PROVIDE AN EMPTY SINGLE GANG J-BOX FOR VOLUME CONTROLS. INSTALL 16/2 SPEAKER WIRE FURNISHED BY MSS FROM THE J-BOX TO THE AMPLIFIER IN THE OFFICE WITH 3 FEET OF SLACK AT EACH END.
- 9 COORDINATE DATA/POWER RECEPTACLE MOUNTING REQUIREMENTS WITH THE CASE WORK INSTALLER PRIOR TO ROUGH-IN.
- 10 PROVIDE ROUGH-INS FOR LAUNCHPORT AS NOTED. LAUNCHPORT WILL BE FURNISHED BY CHIPOTLE WITH THE WALLSTATION AT 62" AFF. PROVIDE A 4" X 2-1/8" DEEP OCTAGON J-BOX WITH 1-1/2" EXTENSION RING AT 62" AFF FOR THE WALLSTATION INSTALLATION WITH A 1" CONDUIT WITH PULL STRING FROM THE J-BOX TO ABOVE THE OFFICE CEILING.
- 11 PROVIDE AN EMPTY 2" CONDUIT WITH PULL STRING FROM THE BASE BUILDING'S TELEPHONE SERVICE ENTRANCE LOCATION TO THE SPACE ABOVE THE OFFICE CEILING.
- 12 PROVIDE A SUITABLE LENGTH OF LIQUID-TIGHT CONDUIT TO THE EXHAUST FAN EF-1 TO ALLOW THE EXHAUST FAN TO HINGE COMPLETELY OPEN WHEN THE VIROGUARD SYSTEM IS INSTALLED.
- 13 AFTER THE FAX LINE, POS, AND OFFICE EQUIPMENT IS INSTALLED PROVIDE CHILDPROOF RECEPTACLE COVERS ON UNUSED IG RECEPTACLES AT THE FAX LINE, POS, AND OFFICE.
- 14 PROVIDE ONE PHASE, ONE NEUTRAL, AND ONE GROUND CONDUCTOR FROM THE ICE MAKER TO THE REMOTE CONDENSING UNIT.
- 15 UNIT SHALL HAVE AN INTEGRAL NON-FUSED DISCONNECT SWITCH.
- 16 INSTALL DOOR CHIME AT 96" AFF. SEE ARCHITECTURAL DOOR EQUIPMENT FOR EQUIPMENT INFORMATION.
- 17 INSTALL THE BYPASS DISTRIBUTION PANEL (BDP) FURNISHED BY THE TENANT. INSTALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DETAIL 3/E710.
- 18 ROUGH-INS TO SERVE LINE AND POS EQUIPMENT ARE UNDERGROUND. COORDINATE ROUGH-IN REQUIREMENTS AND LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
- 19 ROOFTOP UNIT SHALL HAVE AN INTEGRAL UNIT-MOUNTED GFCI RECEPTACLE. PROVIDE CONNECTION TO CIRCUIT SHOWN.
- 20 ICE MAKER RECEPTACLES SHALL BE CONCEALED BEHIND THE ICE MAKER. COORDINATE LOCATION WITH ACTUAL WIDTH OF ICE MAKER.
- 21 PROVIDE VERTICAL METAL DIE CAST WEATHERPROOF WHILE IN USE OUTLET COVER ON RECEPTACLES AT COOK LINE. COVER SHALL BE INTERMATIC WP1010MXD FOR SINGLE GANG BOXES AND WP1030MXD FOR DOUBLE GANG BOXES. NO SUBSTITUTIONS SHALL BE ACCEPTED.
- 22 LABEL BATTERY-PROTECTED RECEPTACLES "BATTERY-PROTECTED; DISCONNECT AT PANEL BDP".
- 23 LABEL MAIN DISCONNECT SWITCH AND PANEL A "WARNING: BATTERY-PROTECTED RECEPTACLES IN USE. DISCONNECT AT PANEL BDP."
- 24 PROVIDE A NEMA 5-20P FLANGED INLET (LEVITON MODEL #15378-C) AND A SINGLE NEMA 5-20R RECEPTACLE IN OFFICE FOR CONNECTION TO A CENTRAL UPS SYSTEM. CONNECT THE FLANGED INLET AND THE SINGLE RECEPTACLE TO THE TERMINAL BLOCK IN THE BDP PER THE MANUFACTURER'S INSTRUCTIONS. PROVIDE FINAL CONNECTION FROM FLANGED INLET TO THE OUTPUT OF THE UPS USING A 2' LONG 20A EXTENSION CORD. PLUG THE UPS INTO THE SINGLE RECEPTACLE.
- 25 CONNECT RESTROOM EXHAUST FAN TO CIRCUIT SHOWN THROUGH THE LIGHTING CONTROL PANEL (LCP).
- 26 INSTALL 16/2 SPEAKER WIRE FURNISHED BY MSS. INSTALL SPEAKER WIRE BETWEEN SPEAKERS IN THE DINING ROOM AS SHOWN AND TO THE VOLUME CONTROL IN THE KITCHEN WITH 3 FEET OF SLACK AT EACH END. SEE ARCHITECTURAL PLANS FOR SPEAKER LOCATIONS. ADJUST EACH SPEAKER 70V TAP SETTING TO BE 15 WATTS.
- 27 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLES IN TWO J-BOXES INTEGRAL TO PREP TABLE FOR HOT HOLDING CABINET AND GENERAL RECEPTACLE.
- 28 PROVIDE GFCI RECEPTACLE AND J-BOX AND INSTALL CO2 ALARM FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.
- 29 PROVIDE J-BOX AND INSTALL CO2 ALARM REMOTE DISPLAY UNIT FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.
- 30 INSTALL WALK-IN-COOLER EXTERNAL READOUT THERMOMETER REMOTE PROBE ON WALL OPPOSITE FROM DOOR AS SHOWN. ROUTE TEMPERATURE PROBE WIRE ABOVE WALK-IN COOLER CEILING PANELS, SEAL PENETRATIONS THROUGH THE CEILING PANELS, AND SECURE VERTICAL PROBE WIRE TIGHT TO WALLS. NO EXCESS PROBE WIRE SHALL BE WITHIN THE WALK-IN COOLER.

ELECTRICAL POWER PLAN NOTES

- 31 PROVIDE RECEPTACLE FOR RESTROOM HAND SINK FAUCET AS SHOWN IN DETAIL 14/P700.
- 32 PROVIDE 4" SQUARE J-BOX ON EXTERIOR WALL FOR MOUNTING OF EXTERIOR CAMERA. SEE ARCHITECTURAL ELEVATION FOR EXACT HEIGHT AND LOCATION. PROVIDE 3/4" CONDUIT WITH PULLSTRING FROM J-BOX TO ABOVE LAY-IN CEILING AREA IN KITCHEN. J-BOX SHALL NOT BE SURFACE MOUNTED. BASE OF CAMERA SHALL BE MOUNTED FLUSH TO EXTERIOR WALL FINISH.
- 33 PROVIDE 1" CONDUITS FROM LOW-VOLTAGE J-BOXES AT POS COUNTER CONCEALED WITHIN THE SERVE LINE WIRING CHASE TO THE WALL, THEN CONCEALED WITHIN THE WALL AND ABOVE THE CEILING TO ABOVE THE OFFICE CEILING.
- 34 NOT USED.
- 35 INSTALL VEHICLE DETECTOR SYSTEM FURNISHED BY TLS SURFACE-MOUNTED ON WALL IN ACCESSIBLE LOCATION ABOVE CEILING AND CONNECT TO STROBE/CHIME AND DETECTOR LOOP PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. MAKE FINAL ADJUSTMENTS TO LOOP SENSITIVITY PER THE MANUFACTURER'S INSTRUCTIONS. ONCE ALL COMPONENTS ARE INSTALLED AND OPERATIONAL THE CHIME/STROBE LIGHT SHOULD STAY ILLUMINATED AND THERE SHOULD BE A SINGLE CHIME WHEN A VEHICLE DRIVES OVER OR STOPS ON LOOP.
- 36 SEAL INTERIOR AND EXTERIOR OF CONDUITS THAT PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.
- 37 PROVIDE ISLAND PREP TABLE FOOD WARMER RECEPTACLE WITH GROUND PIN TOWARDS THE BOTTOM OF THE RECEPTACLE.
- 38 INSTALL TRANSFORMER FURNISHED BY TUY WITH THE REME HALO AIR PURIFIER IN THE JUNCTION BOX ON THE EXTERIOR OF THE RTU PER DETAIL 6/M700. CONNECT LINE SIDE OF THE TRANSFORMER TO THE RTU SERVICE RECEPTACLE CIRCUIT SO THAT REME HALO RUNS CONTINUOUSLY. CONNECT THE LOW VOLTAGE SIDE OF THE TRANSFORMER TO THE REME HALO USING THE INCLUDED BARREL PLUG.
- 39 PROVIDE (2) 10"x10"x4" JUNCTION BOXES (J-BOX #1/J-BOX #2) ON THE WALL ABOVE PANELBOARDS 6" BELOW THE LAY-IN CEILING AND MOUNTED ADJACENT TO EACH. PROVIDE CONDUITS AND WIRING SHOWN IN DETAIL 8/E710. TEMS SHALL PROVIDE GRIDPOINT 3 PHASE METER AND TRANSFORMER WITHIN J-BOX #1 AND GRIDPOINT 10M/HUB WITHIN J-BOX #2. SEE GRIDPOINT INSTALLATION SHEET FOR DETAILS.
- 40 PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION. PROVIDE CONDUITS AND WIRING AS SHOWN IN DETAIL 8/E710.
- 41 INSTALL WIRED DOOR BUZZER AT 96" AFF. SEE ARCHITECTURAL DOOR EQUIPMENT FOR EQUIPMENT INFORMATION. CONNECT TO CIRCUIT SHOWN THROUGH THE TRANSFORMER FURNISHED WITH THE DOOR BUZZER. PROVIDE WIRING TO A BUTTON ADJACENT TO THE SERVICE DOOR AND CONNECT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 42 CONNECT BATHROOM SANITIZER TO CIRCUIT SHOWN SO THAT IT IS ENERGIZED AT ALL TIMES.
- 43 PROVIDE POWER AND LOW VOLTAGE CONNECTIONS TO DISH SANITIZING MACHINE PER DETAIL 7/E710. CONNECT THE DETERGENT DISPENSER TO THE DISH MACHINE USING THE INCLUDED WIRING HARNESS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 44 PROVIDE RECEPTACLE FOR 2-DOOR AND 1-DOOR REFRIGERATORS WITH GROUND PINS TOWARDS THE BOTTOM OF THE RECEPTACLE.
- 45 PROVIDE CORD AND NEMA 5-20P PLUG FROM UTENSIL COUNTER ICE MAKER, THROUGH UTENSIL COUNTER, TO ICE MAKER RECEPTACLE.
- 46 LABEL UTENSIL COUNTER RECEPTACLES "TRACTOR BEVERAGE", "ICE MAKER/IMS8", AND "SODA FOUNTAIN".
- 47 LABEL RECEPTACLE "UV INSECT TRAP".
- 48 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLE IN THE J-BOX INTEGRAL TO PREP TABLE FOR UNDERCOUNTER REFRIGERATOR. PROVIDE FINAL CONNECTION TO CARVING STATION HEATER. IF NEUTRAL CONDUCTOR IS NOT NEEDED FOR SERVE LINE HOT FOOD SERVER TERMINATE NEUTRAL IN JUNCTION BOX.
- 50 PROVIDE A TWO-CONDUCTOR LOW VOLTAGE WIRE IN 3/4" C. AND (4) #12, #12 N., #12 G. IN 1" C. FROM MAU-1 TO THE HOOD CONTROL PANEL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 51 PROVIDE SINGLE-GANG J-BOX FOR DATA JACK AS SHOWN FOR KRONOS TIME CLOCK.
- 52 PROVIDE 3" CONDUIT (EMT, IMC, OR RMC) THROUGH ROOF ABOVE THE OFFICE. TERMINATE WITH WEATHERHEAD 12" ABOVE ROOF FOR FUTURE CELL BOOSTER.



2
E110
1/8" = 1'-0"



1
E110
1/4" = 1'-0"

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Contents:

ELECTRICAL POWER
PLAN

E110

ELECTRICAL POWER PLAN NOTES

- 1 ROUGH-IN FOR LIGHTS IS PART OF THE SHELL DESIGN. CONNECT EXTERIOR LIGHTING CIRCUIT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL PER DETAIL 6/E710.
- 2 INSTALL VEHICLE DETECTION LOOP FURNISHED BY TLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN DETECTOR LOOP TO BE CENTERED ON THE PICK-UP WINDOW.
- 5 EXISTING EMPTY CONDUIT WITH PULL STRING TO CLEARANCE BAR. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
- 6 CONNECT MONUMENT SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
- 7 EXISTING 1" SPARE LOW VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- 8 EXISTING 1" SPARE LINE VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- 9 EXISTING INTERIOR J-BOXES AT 11'-0" AFF FOR LINE VOLTAGE AND LOW VOLTAGE SITE WIRING. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- 10 EXISTING EXTERIOR WEATHERPROOF RECEPTACLE FOR IRRIGATION CONTROLLER. FIELD VERIFY EXACT LOCATION OF THE CONTROLLER AND CIRCUIT BACK TO THE PANEL AS INDICATED ON THIS SHEET.

GENERAL NOTES

- A. WORK AND MATERIALS SHALL BE COMPLIANT WITH THE NEC AND REQUIREMENTS OF THE AHJ.
- B. CONDUCTORS AND CONNECTIONS BELOW GRADE, EVEN WHERE WITHIN CONDUITS OR ENCLOSURES, SHALL BE SUITABLE FOR WET LOCATIONS.
- C. PROVIDE PULL STRING IN EMPTY CONDUITS.
- D. SEAL ENDS OF CONDUITS STUBBED UP ABOVE GRADE TO PROTECT FROM THE ELEMENTS.

TAG	DESCRIPTION	RESPONSIBILITY	
		DEVICE OR CONDUIT	CONNECTION OR CONDUCTORS
1	VEHICLE DETECTOR LOOP - 6"x4" WITH 4 TURNS (EMX PR-46-XX). VERIFY LENGTH OF LEAD-IN WIRE PRIOR TO ORDERING TO ALLOW WIRE TO REACH VEHICLE DETECTOR WITHOUT SPLICING. SEE SITE PLAN FOR LOCATIONS.	EXG.	GC
2	1" CONDUIT FROM VEHICLE DETECTOR LOOP LOCATION TO LOW VOLTAGE J-BOX.	EXG.	GC
3	1" CONDUIT FROM ANNOUNCE SIGN LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.	EXG.	GC
4	1" CONDUIT FROM CLEARANCE BAR LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.	EXG.	N/A
5	1" CONDUIT FROM MONUMENT SIGN LOCATION(S) TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATIONS AND NUMBER OF ROUGH-IN LOCATIONS.	EXG.	GC
6	1" CONDUIT FROM SITE LIGHTING FIXTURE(S) TO LINE VOLTAGE J-BOX. SITE LIGHTING FIXTURES CAN BE DAISY-CHAINED.	EXG.	GC
7	LINE VOLTAGE J-BOX - MINIMUM 6"x6"x4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR LOCATION.	EXG.	GC
8	LOW VOLTAGE J-BOX - MINIMUM 6"x6"x4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR LOCATION.	EXG.	GC
9	1" SPARE CONDUIT FROM LOW VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.	EXG.	GC
10	1" SPARE CONDUIT FROM LINE VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.	EXG.	GC

SITE CONDUIT DETAIL

NOT TO SCALE

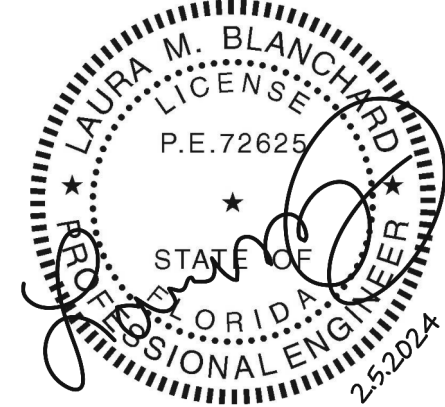
POWER SITE PLAN

3/32" = 1'-0"

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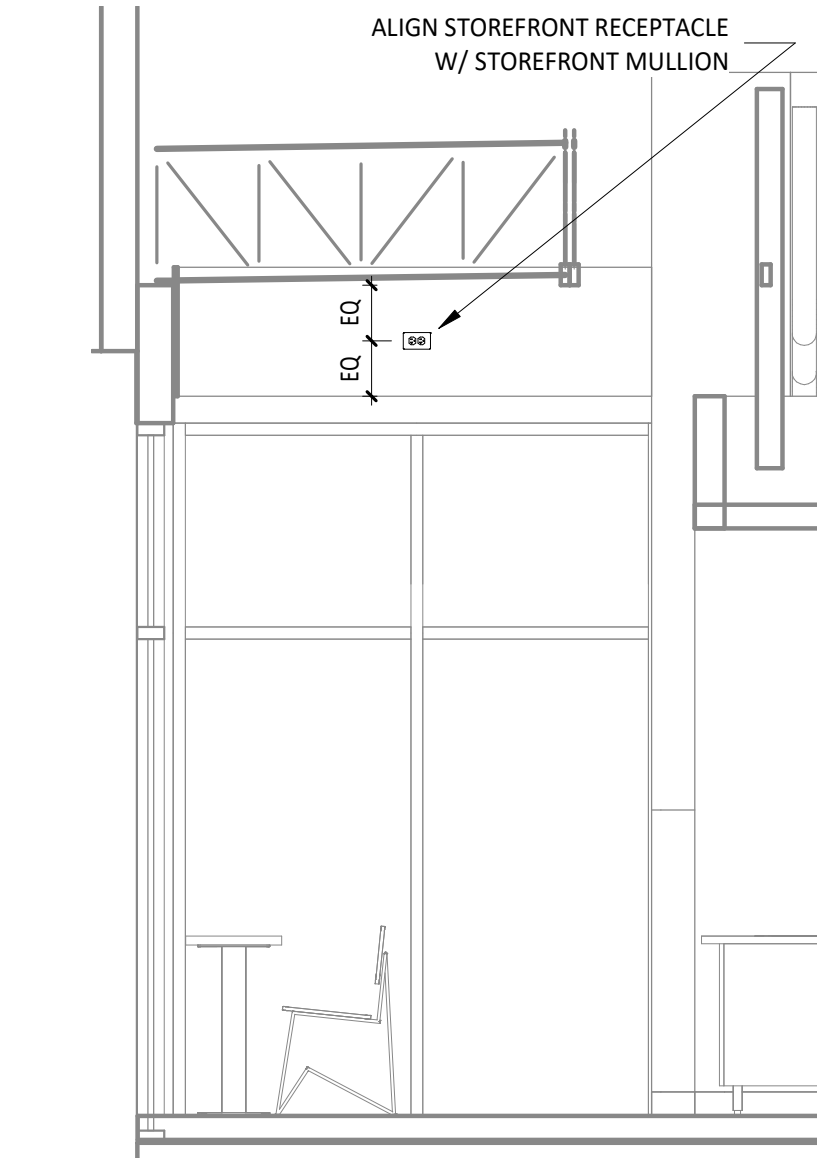
ELECTRICAL SITE
POWER PLAN

E115

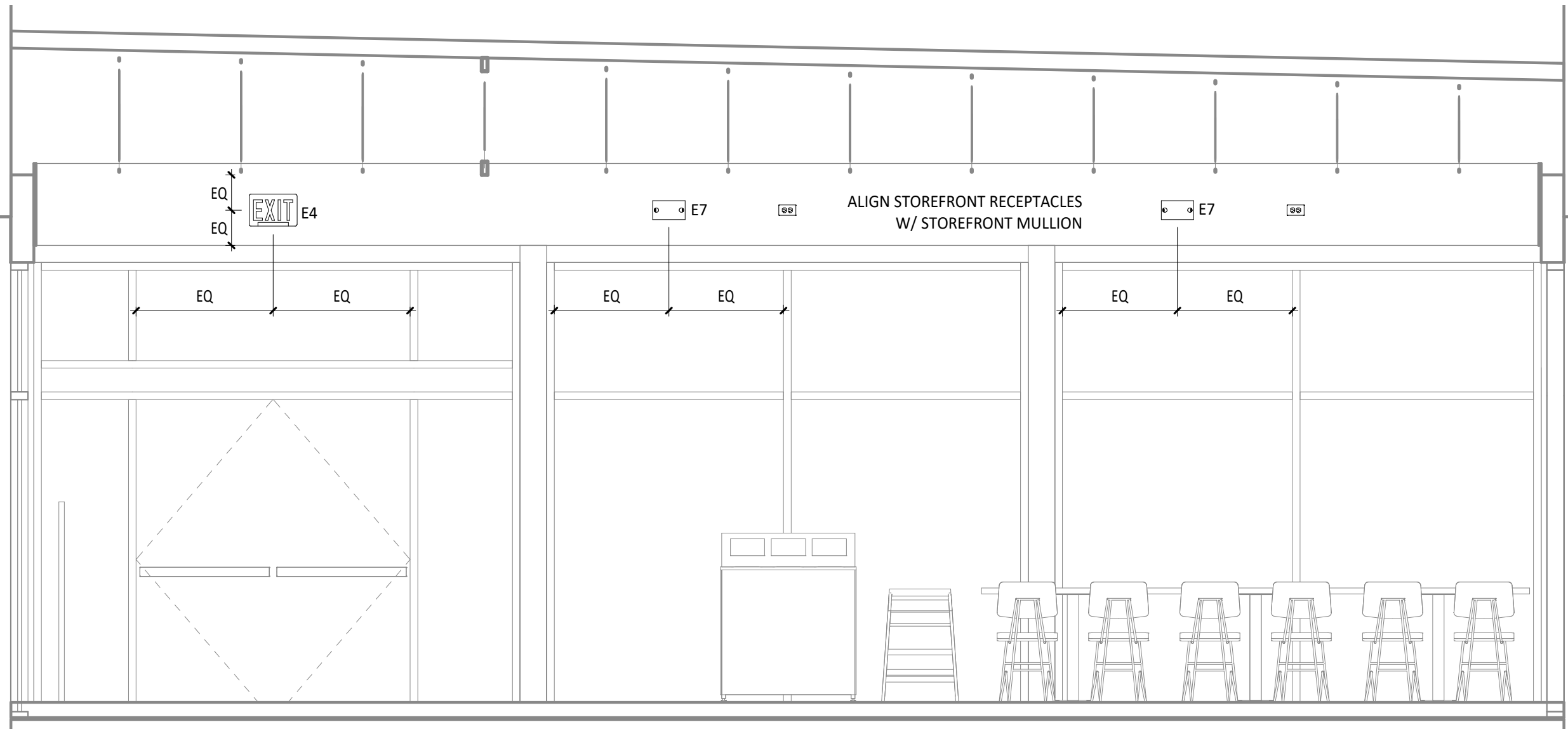
Panel Name: BDP		Volts: 120				
Mounting: Recessed		Phases: 1		Mains: LUGS		
Enclosure: Type 1		Wires: 2		Ampera... 20 A		
CKT	Circuit Description			Trip	Poles	Load
1	POS			15 A	1	0.2 KVA
2	DML - POS			15 A	1	0.2 KVA
3	DML - ORDERING SYSTEM			15 A	1	0.7 KVA
4	OFFICE - SECURITY SYSTEM			15 A	1	0.2 KVA
5	OFFICE - COMPUTER			15 A	1	0.4 KVA
6	OFFICE - DVR/ISP			15 A	1	0.5 KVA
Total Load:					2.2 KVA	
Total Amps:					18.3 A	

VOLTS: 208/120V Wye															PANEL: A	
PHASES: 3															MAINS: MCB	
WIRES: 4															AMPERAGE: 400 A	
MOUNTING: Recessed															MCB RATING: 400 A	
ENCLOSURE: Type 1																
EXISTING PANEL BY SHELL																
CKT #	DESCRIPTION	C/B [A]	# PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [kVA] A	LOAD [kVA] B	LOAD [kVA] C	LOAD TYPE	LOAD [A]	NOTES	# PLS	C/B [A]	DESCRIPTION	CKT #
1							4.8	0.0								2
3	AIR CONDITIONER - KITCHEN (RTU-1) (4-#6, #10 G. IN 1" C.)	50	3	HACR	40.0	C		4.8	0.0		-	0.0	3	60	TVSS (4-#6, #10 G. IN 1" C.)	4
5									4.8	0.0						6
7							6.1	0.0								8
9	AIR CONDITIONER - DINNING ROOM (RTU-2) (4-#6, #8 G. IN 1-1/4" C.)	60	3	HACR	51.0	C		6.1	0.0		G	0.0	3	20	GRIDPOINT 3 PHASE METER (4-#12, #12 G. IN 3/4" C.)	10
11									6.1	0.0						12
13	RECEPTACLES - STOREFRONT Receptáculos - Frente del restaurante	20	1		10.5	G	1.3	0.2			G	1.5	1	20	GRIDPOINT TRANSFORMER	14
15	RECEPTACLES - DINING Receptáculos - Comedor	20	1		1.5	G		0.2	1.0							16
17	PANEL BDP	20	1		18.0	G			2.2	1.0	E	8.3	3	20	HOOD EXHAUST FAN (EF-1) (3-#12, #12 G. IN 3/4" C.)	18
19	RECEPTACLES - ROOFTOP Receptáculos - Techo	20	1		3.3	G, E	0.4	1.0								20
21	RECEPTACLES - POS GENERAL Receptáculos - Cajero general	20	1		6.0	G		0.7	0.4							22
23	SECURITY/AUDIO Seguridad y audio	20	1		3.0	G			0.4	0.4	E	3.1	3	15	HOOD MAKEUP AIR FAN (MAU-1) (3-#12, #12 G. IN 3/4" C.)	24
25	TELEPHONE BACKBOARD El tablero del teléfono	20	1		1.5	G	0.2	0.4								26
27	RECEPTACLES - OFFICE Receptáculos - Oficina	20	1	GFCI	9.0	G		1.1	0.5		E	4.4	1	15	RESTROOM FAN (EF-2)	28
29	RECEPTACLES - DML Receptáculos - Fax	20	1	GFCI	6.0	G			0.7	0.6	A	5.2	1	20	LIGHTING - DINING ROOM Iluminación - Comedor	30
31	RECEPTACLES - RESTROOMS Receptáculos - Baños	20	1		3.0	G	0.4	1.1			A	9.1	1	20	LIGHTING - KITCHEN Iluminación - Cocina	32
33	BATHROOM SANITIZER Sanitizante de baño	20	1		0.2	E		0.0	0.0		B	0.1	1	20	LIGHTING - EXTERIOR PATIO	34
35	HD-1 (CONTROL AND LIGHTS) (control y luces)	15	1		1.5	E			0.2	0.4	B	3.0	1	20	SIGN LIGHTING Iluminación para letreros	36
37	VEHICLE DETECTOR	20	1		0.3	G	0.0	0.1			B	0.8	1	20	LIGHTING - EXTERIOR Iluminación - Exterior	38
39	SPARE	20	1	--	--			0.0	0.6		B	5.0	1	20	SITE SIGNAGE	40
41	SPARE	20	1	--	--				0.0	0.0	A	0.0	1	20	LIGHTING CONTROL PANEL	42
43	SPARE	20	1	--	--	0.0	0.2				G	1.5	1	20	PICK-UP WINDOW	44
45	SPARE	20	1	--	--			0.0	2.1		D	20.2	2	25	PUW AIR CURTAIN (2-#10, #10 G. IN 3/4" C.)	46
47	SPARE	20	1	--	--				0.0	2.1						48
49	SPARE	20	1	--	--	0.0	0.2				G	1.5	1	20	IRRIGATION CONTROLLER	50
51	SPARE	20	1	--	--		0.0	0.0			--	--	1	20	SPARE	52
53	SPARE	20	1	--	--				0.0	0.0	--	--	1	20	SPARE	54
55							19.3	--			--	--	1	--	SPACE	56
57	FEED THRU (PANEL B) (4-500 KCMIL, #1/0 G. IN 4" C.)	0	3	LUGS	159.9	Spare; F		17.7	--		--	--	1	--	SPACE	58
59									20.6	--	--	--	1	--	SPACE	60
PHASE TOTAL [kVA]:							35.5 kVA	35.2 kVA	39.4 kVA							
PHASE TOTAL [AMPS]:							296 A	294 A	329 A							
TYPE	DESCRIPTION	CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS								
A	INTERIOR LIGHTING	2 kVA		125.00%		2 kVA										
B	EXTERIOR LIGHTING	1 kVA		125.00%		1 kVA										
C	COMFORT COOLING	33 kVA		100.00%		+ 25% LARGEST MOTOR		TOTAL CONNECTED KVA: 110 kVA								
D	COMFORT HEATING	4 kVA		100.00%		4 kVA		TOTAL CONNECTED AMPS: 306 A								
E	MISC. MOTOR	5 kVA		100.00%		5 kVA		TOTAL ESTIMATED KVA: 90.7 kVA								
F	KITCHEN EQUIPMENT	58 kVA		65.00%		37 kVA		TOTAL ESTIMATED AMPS: 252 A								
G	RECEPTACLES	8 kVA		100.00%		8 kVA										

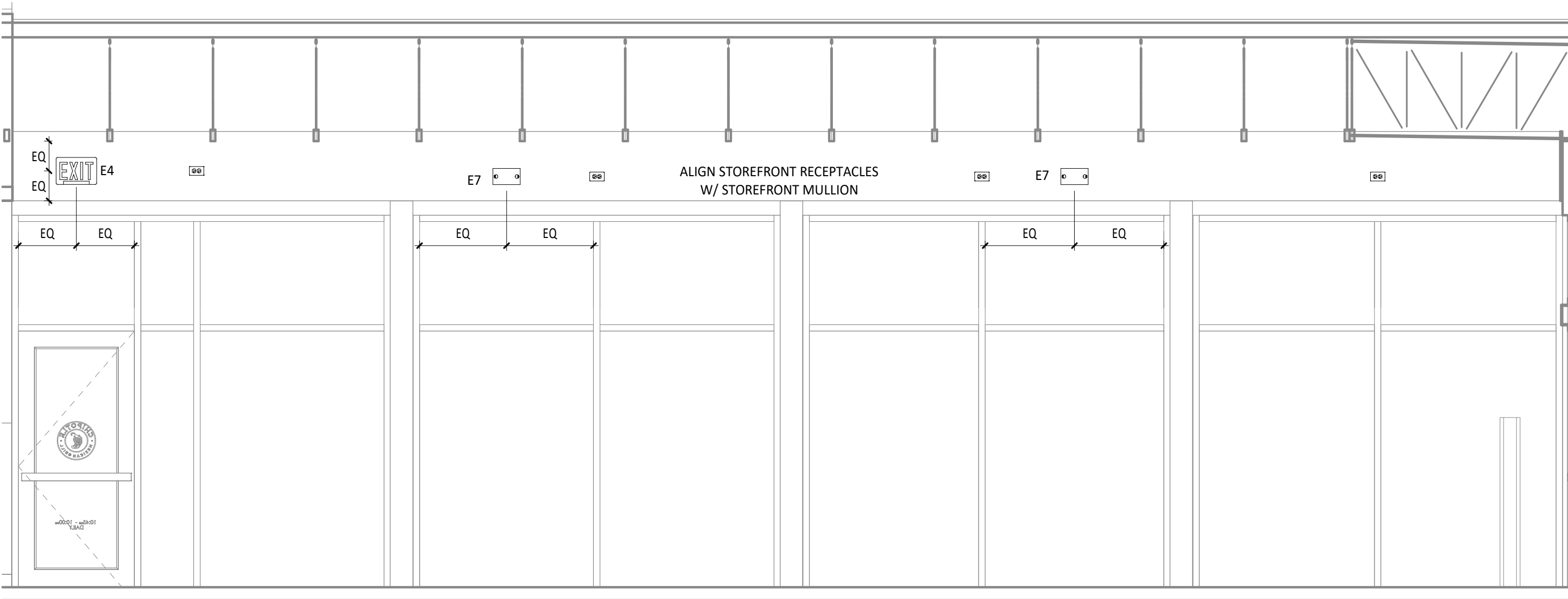
VOLTS: 208/120V Wye															PANEL: B		
PHASES: 3															MAINS: LUGS		
WIRES: 4															AMPERAGE: 400 A		
MOUNTING: Recessed															MCB RATING: 0 A		
ENCLOSURE: Type 1																	
CKT #	DESCRIPTION	C/B [A]	# PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [kVA] A	LOAD [kVA] B	LOAD [kVA] C	LOAD TYPE	LOAD [A]	NOTES	# PLS	C/B [A]	DESCRIPTION	CKT #	
1	CARBONATOR/CO2 ALARM Sistema de carbonatación y alarma de CO2	20	1	GFCI	10.8	F	1.3	1.4		F	11.3		1	20	FOOD PREP TABLE Mesa para la preparación de alimentos	2	
3	FOOD PREP TABLE (ISLAND) Mesa para la preparación de alimentos (Isla)	20	1		11.3	F		1.4	1.1	F	9.3	GFCI	1	20	SODA SYSTEM DISPENSER Dispensador para el sistema de refrescos	4	
5	WATER SOFTENER (WS-1)	20	1	GFCI	5.0	F			0.6	1.4	F	12.0	GFCI	1	20	ICE MAKER - UTENSIL COUNTER Máquina para hacer hielo	6
7	REACH-IN REFRIGERATOR Cuarto frigorífico	20	1	GFCI	5.0	F	0.6	1.0		F	8.5	GFCI	1	20	BUBBLER	8	
9	READY-TO-DRINK REFRIGERATOR	20	1	GFCI	8.8	F		1.1	0.2	F	1.5	GFCI	1	20	UV INSECT LIGHT TRAP	10	
11	COLD TOP (SERVE LINE) Tabla fría (línea de servicio)	20	1		12.0	F			1.4	1.0	F	10.0	2	20	CARPING STATION Estación para cortar carnes	12	
13	ICE MAKER SANITIZER Desinfectante de la máquina para hacer hielo	20	1	GFCI	1.5	F	0.2	1.0								14	
15	ICE MAKER Máquina para hacer hielo	20	1	GFCI	16.0	F		1.9	2.1							16	
17	GAS WATER HEATER Calentador de agua a gas	20	1	GFCI	5.0	F			0.6	2.1						18	
19	GAS GRIDDLE Plancha de gas	20	1	GFCI	0.6	F	0.1	0.0		--	--		1	20	SPARE	20	
21	GAS FRYER/RICE COOKER Freidora de gas / Olla arrocera	20	1	GFCI	0.5	F		0.1	1.4							22	
23	FOOD WARMER (RICE TABLE) Calentador de alimentos (mesa para el arroz)	15	1		1.5	F			0.2	1.4						24	
25	TORTILLA PRESS (DML) (2-#10, #10 G. IN 3/4" C.)						1.4	0.3		F	2.6		1	20	REFRIGERATOR (COOK LINE) Refrigerador (línea para cocinar)	26	
27		20	2	GFCI	13.0	F		1.4	2.1							28	
29	UPRIGHT REFRIGERATOR Refrigerador vertical	20	1	GFCI	10.0	F			1.2	2.1	F	20.0	GFCI	2	30	HOT FOOD SERVER (SERVE LINE) (2-#10, #10 N, #10 G. IN 3/4" C.) Servidor de alimentos calientes (línea de fax)	30
31	DISH MACHINE (2-#10, #10 G. IN 3/4" C.) Lavavajillas	30	2		25.0	F	2.6	1.4		F	11.7	GFCI	1	20	FOODWARMER (DML) Calentador de alimentos (línea de fax)	32	
33								2.6	1.2	F	10.0	GFCI	1	20	COLD TOP (DML) Tabla fría (línea de fax)	34	
35	QUESADILLA MAKER (2-#10, #10 G. IN 3/4" C.)	30	2	GFCI	28.0	F			2.9	1.1						36	
37							2.9	1.1		F	9.4		3	15	CU-1 (3-#10, #10 G. IN 3/4" C.)	38	
39	UNDERCOUNTER COOLER (PUW)	20	1	GFCI	1.5	F		0.2	1.1							40	
41	QUESADILLA MAKER (2-#10, #10 G. IN 3/4" C.)	30	2	GFCI	28.0	F			2.9	1.5	F	12.5	GFCI	1	20	ICE MAKER (PUW) Máquina para hace hielo	42
43							2.9	1.1		F	9.2	GFCI	1	20	SODA SYSTEM DISPENSER (PUW)	44	
45	SPARE	20	1	--	--		0.0	0.0		F	0.2		1	20	WIC - DOOR SECTION	46	
47	SPARE	20	1	--	--				0.0	0.2	F	1.5		1	20	WIC - EVAPORATOR	48
49	SPARE	20	1	--	--	0.0	0.0			--	--		1	20	SPARE	50	
51	SPARE	20	1	--	--		0.0	0.0		--	--		1	20	SPARE	52	
53	SPARE	20	1	--	--				0.0	0.0	--	--	1	20	SPARE	54	
PHASE TOTAL [kVA]:							19.3 kVA	17.7 kVA	20.6 kVA								
PHASE TOTAL [AMPS]:							163 A	147 A	174 A								



DINING ROOM ELECTRICAL ELEVATION
3
E705
3/8" = 1'-0"



DINING ROOM ELECTRICAL ELEVATION
2
E705
3/8" = 1'-0"



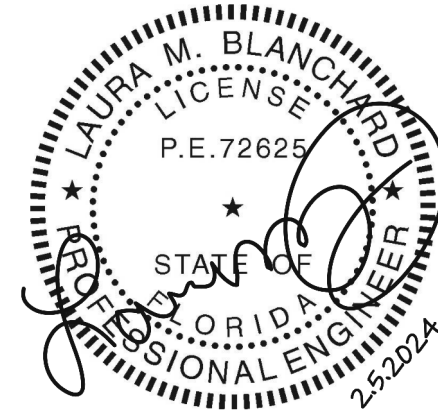
DINING ROOM ELECTRICAL ELEVATION
1
E705
3/8" = 1'-0"

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ELECTRICAL INTERIOR
ELEVATIONS

E705

1. INSTALL GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2. PROVIDE THERMOSTAT WIRING FROM EACH THERMOSTAT TO THE CORRESPONDING ROOFTOP UNIT.
2. PROVIDE CAT5E CABLE FROM RTU-1 THERMOSTAT TO J-BOX #2 ABOVE ELECTRICAL PANELS (LEAVE 16" OF CABLE COILED UP INSIDE OF J-BOX #2 AND 16" BEHIND WALL OF THERMOSTAT FOR FINAL CONNECTION TO THE EMS SYSTEM BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTATS".
3. PROVIDE CAT5E CABLE(S) BETWEEN THERMOSTATS (LEAVE 16" OF CABLE BEHIND WALL OF EACH THERMOSTAT FOR FINAL CONNECTION BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTAT JUMPER". SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
4. INSTALL GRIDPOINT ZONE SENSOR MODULES FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM ZSM TO CORRESPONDING THERMOSTAT T1 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
5. INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM SUPPLY PROBE TO CORRESPONDING THERMOSTAT T2 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
6. PROVIDE 3/4" LIQUIDTIGHT CONDUIT FROM CAT5 SANITIZING MACHINE TO LOW-VOLTAGE JUNCTION BOX OR TRIM RING FLUSH MOUNTED TO WALL. PROVIDE CONTINUOUS (NOT SPLICED) CAT5E CABLE FROM CAT5 SANITIZING MACHINE TO OFFICE (ABOVE LAY-IN CEILING) WITH WALL BETWEEN THE DISH MACHINE AND 10" SLACK ABOVE THE LAY-IN CEILING. PROVIDE RJ-12 PLUG ON CABLE AT DISH MACHINE END WITH BLUE WIRE CONNECTED TO PIN 3 AND BLUE/WHITE WIRE CONNECTED TO PIN 4. LABEL CABLE ON BOTH ENDS WITH "DISHWASHER".
7. PROVIDE CAT5E CABLE FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "RS-485 COMMS" ON BOTH ENDS OF THE CABLE. LEAVE 10" OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
8. PROVIDE CABLE (18-24AWS SHIELDED TWISTED PAIR) FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "FISHER SAWER" ON BOTH ENDS OF THE CABLE. LEAVE 10" OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
9. PROVIDE SURFACE MOUNT 10" x 10" x 4" NEMA 1 ENCLOSURES ABOVE PANELBOARDS AND 6" BELOW CEILING.
10. PROVIDE 3/4" CONDUIT WITH INSULATING BUSHING ON END CONCEALED IN WALL FROM J-BOX #2 TO 6" ABOVE LAY-IN CEILING.
11. PROVIDE 3/4" CONDUIT(S) FROM J-BOX #1 TO J-BOX #2.
12. PROVIDE EMPTY 1" CONDUIT(S) FROM PANELBOARD(S) TO J-BOX #1 FOR FUTURE CT WIRING BY TEMS.
13. FIRST PANELBOARD FED FROM ELECTRICAL SERVICE. PROVIDE WITH (1) 20A/3-POLE CIRCUIT BREAKER (FOR GRIDPOINT 3 PHASE METER). IF PANELBOARD HAS 120V CIRCUITS AVAILABLE THEN ALSO PROVIDE (1) 20/1-POLE CIRCUIT BREAKER (FOR GRIDPOINT TRANSFORMER).
14. IF SPACE HAS MULTIPLE ELECTRICAL SERVICES THEN PROVIDE A "J-BOX #1" AND ASSOCIATED BREAKERS, CONDUITS, AND CONDUCTORS ON THE FIRST FLOOR FED FROM EACH ELECTRICAL SERVICE.
15. FOR EACH ELECTRICAL SERVICE PROVIDE (1) SET OF [(4) #12, #12 G] FROM 3-POLE GRIDPOINT CIRCUIT BREAKER AND, IF THE PANELBOARD HAS 120V CIRCUITS AVAILABLE, (1) SET OF [(2) #12, #12 G] FROM 1-POLE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
16. IF THE PANELBOARD DOES NOT HAVE 120V CIRCUITS AVAILABLE PROVIDE (1) SET OF 1-POLE 120V 20A CIRCUIT BREAKER IN A PANEL WITH A 120V CIRCUIT AVAILABLE. PROVIDE (1) SET OF [(2) #12, #12 G] FROM THE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
17. GRIDPOINT CONTROLLER PROVIDED BY TEMS
18. PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION AS SHOWN. PROVIDE 3/4" CONDUIT WITH PULL STRING AND INSULATING BUSHING FROM J-BOX TO 6" ABOVE OFFICE LAY-IN CEILING.

WARE WASHING

OFFICE

PANELBOARD AREA

4'-0" (TYP)

3'-6"

RTU-1 RTU-2

J-BOX #1 J-BOX #2 J-BOX #3

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

S S S

PROVIDE CONTACTOR IN ACCESSIBLE LOCATION ABOVE LAY-IN CEILING FOR CONTROL OF EXTERIOR LIGHTING AND SIGNAGE

PROVIDE CONTROL CIRCUIT FROM LCP RELAY SHOWN TO CONTACTOR FOR CONTROL OF EXTERIOR LIGHTING/SIGNAGE

PROVIDE LOW-VOLTAGE WIRING TO FIXTURES CONTROLLED BY 0-10V DIMMING (IF APPLICABLE)

PROVIDE POWER WIRING TO RELAY-CONTROLLED FIXTURES AND DEVICES.

TO EXTERIOR LIGHTS/SIGNAGE

PROVIDE (2) 1" CONDUITS FOR POWER WIRING FOR RELAY-CONTROLLED CIRCUITS. SEE RELAY AND PANEL SCHEDULES FOR NUMBER AND SIZE OF CIRCUITS.

INSTALL ACUITY nLIGHT ARP LIGHTING CONTROL PANEL. SEE SHEET E100 FOR LOCATION.

INSTALL ACUITY nLIGHT 4-CHANNEL SWITCH WITH WHITE BUTTONS, SS PLATE, AND BUTTON ENGRAVING. SEE SHEET E100 FOR LOCATION.

ENGRAVING AS FOLLOWS:

- CHANNEL 1 ON/OFF: "INT ON"/"INT OFF"
- CHANNEL 2 ON/OFF: "KITCH NORM"/"KITCH DIM"
- CHANNEL 3 ON/OFF: "DINE NORM"/"DINE DIM"
- CHANNEL 4 ON/OFF: "EXT ON"/"EXT OFF"

PROVIDE CAT 5 LOW VOLTAGE CABLE WITH RJ45 CONNECTORS IN 3/4" CONDUIT.

POWER PANELBOARD (SEE SHEET E100 FOR LOCATION)

Diagram illustrating the components and connections for a liquidtight conduit system:

- 1" FLEXIBLE METALLIC LIQUIDTIGHT CONDUIT (BOX INTEGRAL TO ISLAND PREP TABLE. HOLD LIQUIDTIGHT CONDUIT OFF FLOOR.)
- 90° STEEL LIQUIDTIGHT CONDUIT ELBOW (RACO 3423-8 OR EQUAL)
- 3/4" RIGID METAL CONDUIT COUPLING
- SEAL BETWEEN RIGID METAL CONDUIT AND CURB
- SEE ARCHITECTURAL PLANS FOR CURB DETAILS
- 3/4" PVC RIGID NONMETALLIC CONDUIT (OR OTHER APPROVED UNDERGROUND CONDUIT MATERIAL) TO PANELBOARD
- 3/4" RIGID METAL CONDUIT ELBOW

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