



Construction Set

Pebble Creek & McDowell
Store No. 5637
15600 W. McDowell Road
Goodyear, AZ 85395

Date: 6/27/2025
Issued By: Shawna Fuhrman



PLANS. THE LIST BELOW IS INTENDED TO BE A GENERAL REFERENCE OF THE SCOPE OF REVISIONS. THE ACTUAL

Item 1:	Revision
Cause:	Health Comment
Description:	Painted ceilings in restroom, cooking and kitchen areas should be Semi-Gloss finish (G015)

Item 2:	Revision
Cause:	Health Comment
Description:	Funnel drain under Beverage Dispenser in Pickup serving area switched to a floor sink. (A101, A110, , P110, P700)

Item 3:	Revision
Cause:	Health Comment
Description:	Swapped Bag-in-Box and Ice Maker in Back Kitchen (A101, A130, A702, P100, P110, E110)

Item 4:	Revision
Cause:	Health Comment
Description:	Coved base required around beverage counter (A120, A701)

Item 5:	Revision
Cause:	Health Comment
Description:	Air Curtain required at rear door (A201, E110, E600)

Item 6:	Revision
Cause:	Chipotle Directive
Description:	Updated BDP/UPS system to new supplier (A210, E110, E710)

Item 7:	Revision
Cause:	City Comments
Description:	Building sign removed from East Elevation (A302, A303)

Item 8:	Revision
Cause:	Health Comment
Description:	Door sweep added to Fire Riser Room door (A601)

Item 9:	Revision
Cause:	Chipotle Directive
Description:	Revised Door buzzer and button model numbers (A601)

Item 10:	Revision
Cause:	Chipotle Directive
Description:	Updated cookline receptacles for future equipment (E110, E600)

REGULATORY AGENCIES & UTILITIES		
PLANNING/ZONING City of Goodyear Engineering and Development Services Planning Division 14455 West Van Buren Street, D101 Goodyear AZ 85338	HEALTH DEPARTMENT Maricopa County Environmental Health Division Plan Review Office 1001 N. Central. Ste. 300 Phoenix, AZ 85004 O: 602-506-6980 F: 602-506-6862	SEWER/WASTEWATER Liberty Utilities 12725 W Indian School Rd, Suite D101 Avondale, AZ 85392 844-367-2027
BUILDING DEPARTMENT City of Goodyear Engineering and Development Services Building Division 14455 West Van Buren Street, D101 Goodyear AZ 85338	WATER MANAGEMENT Liberty Utilities 12725 W Indian School Rd, Suite D101 Avondale, AZ 85392 844-367-2027	NATURAL GAS SERVICE Southwest Gas 2200 North Central Ave #101 Phoenix, AZ 85004 877-860-6020
FIRE DEPARTMENT City of Goodyear Engineering and Development Services Building Division 14455 West Van Buren Street, E-102 Goodyear AZ 85338 623-932-2300	ELECTRICAL SERVICE Arizona Public Service 2286 Crosswinds Drive, Suite A Prescott, AZ 86301 928-773-6414	TELEPHONE AT&T

1. RE CODE COMPLIANCE DATA ON SHEET G300 FOR ADDITIONAL CODE STUDY INFORMATION.

2. EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 200 FEET PER TABLE 1017.2.

3. COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 30 FEET FROM ANY SEAT TO A POINT WHERE AN OCCUPANT HAS THE CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS, PER SECTION 1030.8.

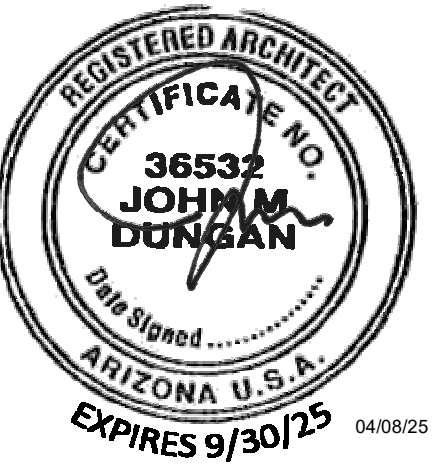
4. A. SECTION 1030.8 EXCEPTION 1: FOR AREAS SERVING LESS THAN 50 OCCUPANTS, THE COMMON PATH OF GRESS TRAVEL SHALL NOT EXCEED 75 FEET.

5. RE: A130 FOR PORTABLE FIRE EXTINGUISHER LOCATIONS

6. RE: SP100 FOR ACCESSIBLE PARKING LOCATIONS AND ACCESSIBLE PATH TO MAIN ENTRY.

7. *PH DESIGNATES PANIC HARDWARE. RE: A601 FOR DOOR HARDWARE SCHEDULE.

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Goodyear, AZ 85395

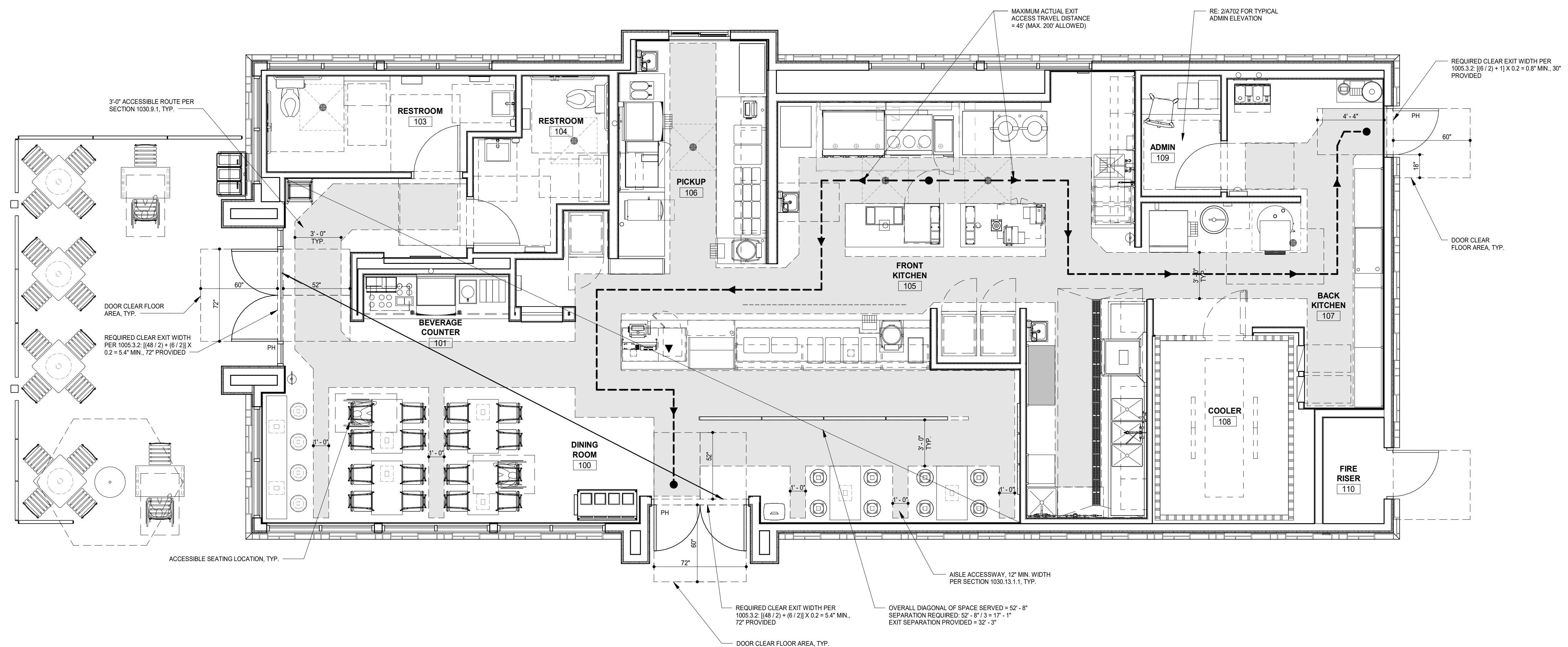
Issue Record:	
04/08/25	Permit Issue
06/27/25	Construction Issue

Revisions:

Project No.
01818

Life Safety Plan

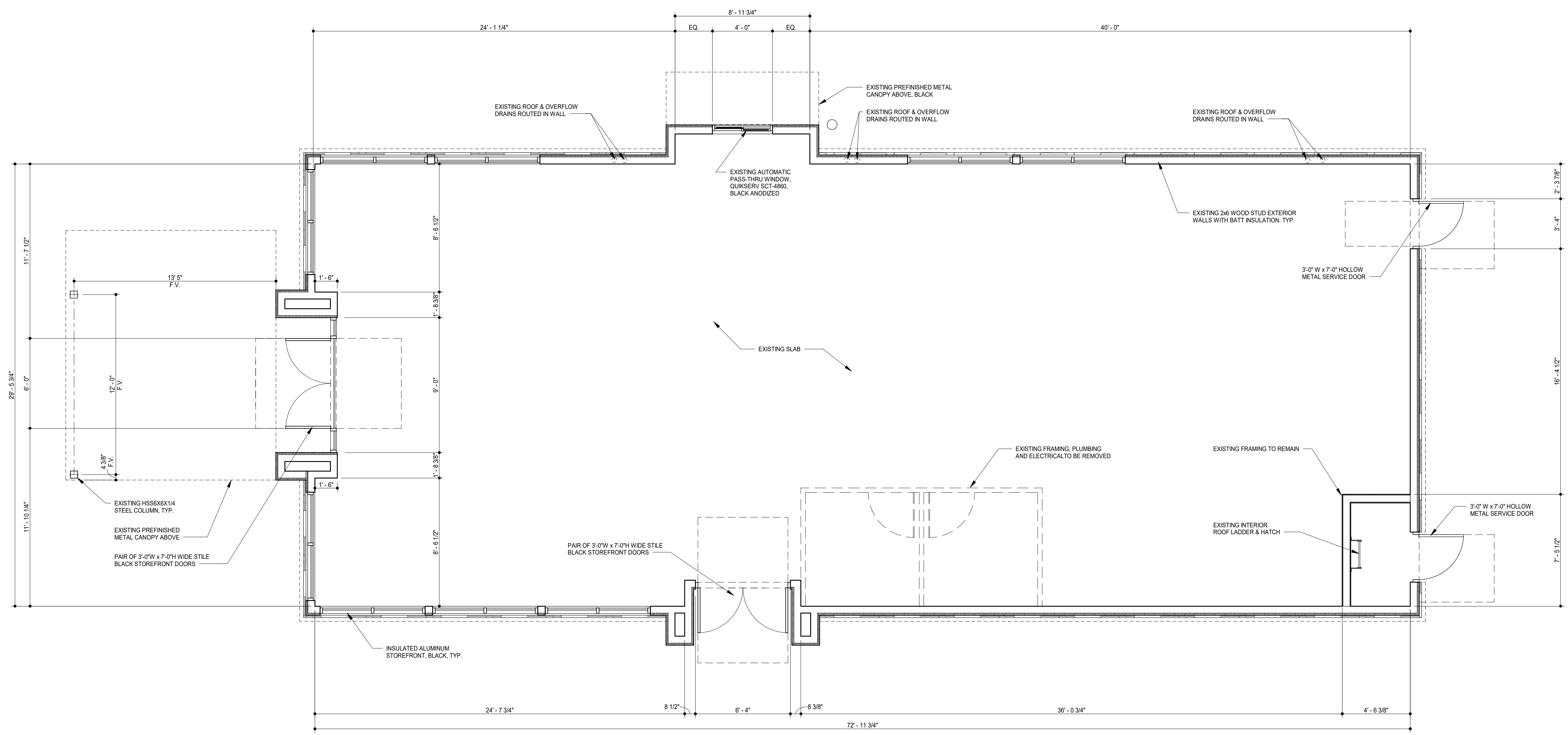
G001



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" OT03 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-(L 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	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. CISCAs "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.	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: Fibbers 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.	3.1 Manufacturer's Execution Instructions: A. Compliance: Comply with manufacturer's/fabricator's/supplier's product data, handling and installation instruction/manual, shop drawings, shipping container/package ticket identification, etc. 3.2 Examination: A. Verify correct panels received including dimension, tolerance, color/texture. B. Verify correct attachment system received for the specific project/job. C. Verify all the documents including shop drawing and installation guidelines. D. Verify installation conditions are satisfactory to receive work of this section before the commencement E. Verify substrate installation is complete, flat, and true to plane. F. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding. 3.3 Preparation: A. Field Measurements: Verify prior to fabrication and installation of the cladding panel. B. Protect surrounding areas and surfaces to preclude damage during work of this section. C. Lay out work before beginning installation as necessary for true, plumb and aligned panel installations. D. Verify locations of joints and panel lengths. 3.4 Installation: A. Conform to manufacturer's instructions and provisions of shop drawings. B. Install to allow hydro-thermal expansion/contraction. C. Use appropriate techniques/tools to work with the panel. D. Do not force to fit, do not bend, stretch/compress. E. Make cutting and fitting neat, square, and true. Where required cut, de-burr edges, and clean filings from adjacent surfaces. F. Do not install damaged or questionable panels. G. Install solid phenolic wall panels plumb and level and accurately spaced. H. Anchor panels and other components of the work securely in place, with provisions for thermal and structural movement. I. Shim or otherwise plumb substrates receiving composite wall panels. J. Do not use construction adhesives to apply wall panels directly to substrates or wall board. Use mechanical fasteners only. 3.5 Erection Tolerances: A. Shim and align composite wall panel units within installed tolerance of 1/4 inch in 20 feet, non-accumulative, on level, plumb, and location lines as indicated and within 1/8 inch offset of adjoining faces and of alignment of matching profiles. 3.6 Field Quality Control: A. Manufacturer's Field Service: Provide field services to ensure product installation is in accordance with manufacturer's/fabricator's /supplier's instructions and installation manual, shop drawings etc. 3.7 Adjusting: A. Correct identified defects and irregularities. B. Replace damaged soiled, and discolored work. 3.8 Cleaning: A. Leave installation clean and free from residue and debris from work of this Section. B. Panels best cleaned with warm soapy water and rinsed with clear water; allowed to dry fully.
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 B. Ceramic Tile: Series - Color Wheel Glazed Ceramic: 1. Kitchen Tile or as noted in plans, Series - Finish Line Glazed Ceramic Tile: a. Color - White F190, Semi-Gloss, Size - 4 x 16, Pattern - Stacked Bond 2. Accent Tile, Series -Color Wheel Glazed Ceramic a. 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: Thinsit Mortar, Mapei, Ultraflex LFT - Gray D. Grout: 1. Kitchen Tile or as noted in plans a. Mapei, Series - Flexcolor CQ - Gray #5009, 1/8" grout joints. 2. Accent Tile a. Mapei, Series - Flexcolor CQ - Chocolate #5007, 1/8" grout joints.	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. B. 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	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: Fibbers 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.	3.1 Manufacturer's Execution Instructions: A. Compliance: Comply with manufacturer's/fabricator's/supplier's product data, handling and installation instruction/manual, shop drawings, shipping container/package ticket identification, etc. 3.2 Examination: A. Verify correct panels received including dimension, tolerance, color/texture. B. Verify correct attachment system received for the specific project/job. C. Verify all the documents including shop drawing and installation guidelines. D. Verify installation conditions are satisfactory to receive work of this section before the commencement E. Verify substrate installation is complete, flat, and true to plane. F. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding. 3.3 Preparation: A. Field Measurements: Verify prior to fabrication and installation of the cladding panel. B. Protect surrounding areas and surfaces to preclude damage during work of this section. C. Lay out work before beginning installation as necessary for true, plumb and aligned panel installations. D. Verify locations of joints and panel lengths. 3.4 Installation: A. Conform to manufacturer's instructions and provisions of shop drawings. B. Install to allow hydro-thermal expansion/contraction. C. Use appropriate techniques/tools to work with the panel. D. Do not force to fit, do not bend, stretch/compress. E. Make cutting and fitting neat, square, and true. Where required cut, de-burr edges, and clean filings from adjacent surfaces. F. Do not install damaged or questionable panels. G. Install solid phenolic wall panels plumb and level and accurately spaced. H. Anchor panels and other components of the work securely in place, with provisions for thermal and structural movement. I. Shim or otherwise plumb substrates receiving composite wall panels. J. Do not use construction adhesives to apply wall panels directly to substrates or wall board. Use mechanical fasteners only. 3.5 Erection Tolerances: A. Shim and align composite wall panel units within installed tolerance of 1/4 inch in 20 feet, non-accumulative, on level, plumb, and location lines as indicated and within 1/8 inch offset of adjoining faces and of alignment of matching profiles. 3.6 Field Quality Control: A. Manufacturer's Field Service: Provide field services to ensure product installation is in accordance with manufacturer's/fabricator's /supplier's instructions and installation manual, shop drawings etc. 3.7 Adjusting: A. Correct identified defects and irregularities. B. Replace damaged soiled, and discolored work. 3.8 Cleaning: A. Leave installation clean and free from residue and debris from work of this Section. B. Panels best cleaned with warm soapy water and rinsed with clear water; allowed to dry fully.
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.	SECTION 09900 - PAINTS AND COATINGS 1.1 General: Provide paints and coatings as shown and specified. A. Provide surface preparation, prime, intermediate and finish coatings for interior and exterior and existing scheduled surfaces and items. B. Provide Tenant-selected finishes and colors for all exposed surfaces, unless otherwise indicated. 1.2 Related Documents: A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this section. 1.3 Summary: A. This section includes surface preparation and field painting of the following: 1. Exposed exterior items and surfaces. 2. Exposed interior items and surfaces. 3. Surface preparation, priming, and finish coats specified in this Section are in addition to shop priming and surface treatment specified in other Sections. 1.4 Quality Assurance: A. Applicator Qualifications: Engage an experienced applicator that has completed painting system applications similar in material and extent to that indicated for this Project with a record of successful in-service performance. B. Source Limitations: Obtain block fillers, primers and undercoat materials for each coating system from the same manufacturer as the finish coats. C. Provide lead free prime and finish coatings. All top coatings shall be mold and mildew resistant. 1.5 Delivery, Storage and Handling: A. Deliver materials to the Project Site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label, and the following information: 1. Product name or tile of material. 2. Product description (generic classification or binder type). 3. Manufacturer's stock number and date of manufacture. 4. Contents by volume, for pigment and vehicle constituents. 5. Thinning instructions. 6. Application instructions. 7. Color name and number. 8. VOC content B. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 degrees F (7 degrees C). Maintain containers used in storage in a clean condition, free of foreign materials and residue. 1. Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily. Take necessary measures to ensure that workers and work areas are protected from fire and health hazards resulting from handling, mixing and application. 1.6 Project Conditions A. Apply water-based paints only when the temperatures of surfaces to be painted and surrounding air temperatures are between 50 and 90 degrees F (10 and 32 degrees C) unless otherwise stated on the technical data bulletin. B. Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 and 95 degrees F (7.2 and 35 degrees C). C. Do not apply paint in snow, rain, fog, or mist, or when the relative humidity exceeds 85 percent, or at temperatures less than 5 degrees F (3 degrees C) above the dew point, or to damp or wet surfaces. 1. Painting may continue during inclement weather if surfaces and areas to be painted are enclosed and heated within temperature limits specified by manufacturer during application and drying periods. 2.1 Manufacturers: A. Products: Subject to compliance with requirements, provide one of the products in the paint schedules. B. Manufacturers Names: The following manufacturer is referred to in the paint schedule by use of shortened versions of the name, which is shown below: 1. PPG Industries, Inc. 2. Materials - No substitutions allowed.	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. 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Lay out work before beginning installation as necessary for true, plumb and aligned panel installations. D. Verify locations of joints and panel lengths. 3.4 Installation: A. Conform to manufacturer's instructions and provisions of shop drawings. B. Install to allow hydro-thermal expansion/contraction. C. Use appropriate techniques/tools to work with the panel. D. Do not force to fit, do not bend, stretch/compress. E. Make cutting and fitting neat, square, and true. Where required cut, de-burr edges, and clean filings from adjacent surfaces. F. Do not install damaged or questionable panels. G. Install solid phenolic wall panels plumb and level and accurately spaced. H. Anchor panels and other components of the work securely in place, with provisions for thermal and structural movement. I. Shim or otherwise plumb substrates receiving composite wall panels. J. Do not use construction adhesives to apply wall panels directly to substrates or wall board. Use mechanical fasteners only. 3.5 Erection Tolerances: A. Shim and align composite wall panel units within installed tolerance of 1/4 inch in 20 feet, non-accumulative, on level, plumb, and location lines as indicated and within 1/8 inch offset of adjoining faces and of alignment of matching profiles. 3.6 Field Quality Control: A. Manufacturer's Field Service: Provide field services to ensure product installation is in accordance with manufacturer's/fabricator's /supplier's instructions and installation manual, shop drawings etc. 3.7 Adjusting: A. Correct identified defects and irregularities. B. Replace damaged soiled, and discolored work. 3.8 Cleaning: A. Leave installation clean and free from residue and debris from work of this Section. B. Panels best cleaned with warm soapy water and rinsed with clear water; allowed to dry fully.
SECTION 09900 - PAINTS AND COATINGS 1.1 General: Provide paints and coatings as shown and specified. A. Provide surface preparation, prime, intermediate and finish coatings for interior and exterior and existing scheduled surfaces and items. B. Provide Tenant-selected finishes and colors for all exposed surfaces, unless otherwise indicated. 1.2 Related Documents: A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this section. 1.3 Summary: A. This section includes surface preparation and field painting of the following: 1. Exposed exterior items and surfaces. 2. Exposed interior items and surfaces. 3. Surface preparation, priming, and finish coats specified in this Section are in addition to shop priming and surface treatment specified in other Sections. 1.4 Quality Assurance: A. Applicator Qualifications: Engage an experienced applicator that has completed painting system applications similar in material and extent to that indicated for this Project with a record of successful in-service performance. B. Source Limitations: Obtain block fillers, primers and undercoat materials for each coating system from the same manufacturer as the finish coats. C. Provide lead free prime and finish coatings. All top coatings shall be mold and mildew resistant. 1.5 Delivery, Storage and Handling: A. Deliver materials to the Project Site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label, and the following information: 1. Product name or tile of material. 2. Product description (generic classification or binder type). 3. Manufacturer's stock number and date of manufacture. 4. Contents by volume, for pigment and vehicle constituents. 5. Thinning instructions. 6. Application instructions. 7. Color name and number. 8. VOC content B. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 degrees F (7 degrees C). Maintain containers used in storage in a clean condition, free of foreign materials and residue. 1. Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily. Take necessary measures to ensure that workers and work areas are protected from fire and health hazards resulting from handling, mixing and application. 1.6 Project Conditions A. Apply water-based paints only when the temperatures of surfaces to be painted and surrounding air temperatures are between 50 and 90 degrees F (10 and 32 degrees C) unless otherwise stated on the technical data bulletin. B. Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 and 95 degrees F (7.2 and 35 degrees C). C. Do not apply paint in snow, rain, fog, or mist, or when the relative humidity exceeds 85 percent, or at temperatures less than 5 degrees F (3 degrees C) above the dew point, or to damp or wet surfaces. 1. Painting may continue during inclement weather if surfaces and areas to be painted are enclosed and heated within temperature limits specified by manufacturer during application and drying periods. 2.1 Manufacturers: A. Products: Subject to compliance with requirements, provide one of the products in the paint schedules. B. Manufacturers Names: The following manufacturer is referred to in the paint schedule by use of shortened versions of the name, which is shown below: 1. PPG Industries, Inc. 2. Materials - No substitutions allowed.			
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GENERAL NOTES

1. ALL DIMENSIONS ARE TO INTERIOR FACE OF GYPSUM BOARD AT EXTERIOR WALLS AND/OR FACE OF/EDGE OF STOREFRONT FRAMING, U.N.O.
2. ALL WORK NOTED TO BE BY LANDLORD UNDER SEPARATE PERMIT U.N.O. AND SHALL BE ASSUMED TO BE COMPLETED AT THE TIME TENANT TAKES POSSESSION OF PREMISES
3. ALL DIMENSIONS & INFORMATION ON THIS SHEET ARE EXISTING & TO BE FIELD VERIFIED BY TENANT'S G.C. PRIOR TO START OF TENANT FINISH CONSTRUCTION. NOTIFY TENANT AND ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES
4. TENANT'S G.C. 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 FOR REVIEW. ANY STRUCTURE, PIPING, CONDUIT, ETC. THAT MAY IMPACT CONSTRUCTION OF THE SPACE OR BE UNSIGHTLY IF EXPOSED IS OF PARTICULAR INTEREST
5. GENERAL CONTRACTOR TO SCOPE EXISTING SANITARY LINES PRIOR TO PREPARING FOR NEW CONNECTIONS



1 DEMISED PREMISES PLAN
1/4" = 1'-0"

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913-341-2466



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Pebble Creek & McDowell
Store No. 5637
15600 W McDowell Road
Goodyear, AZ 85395

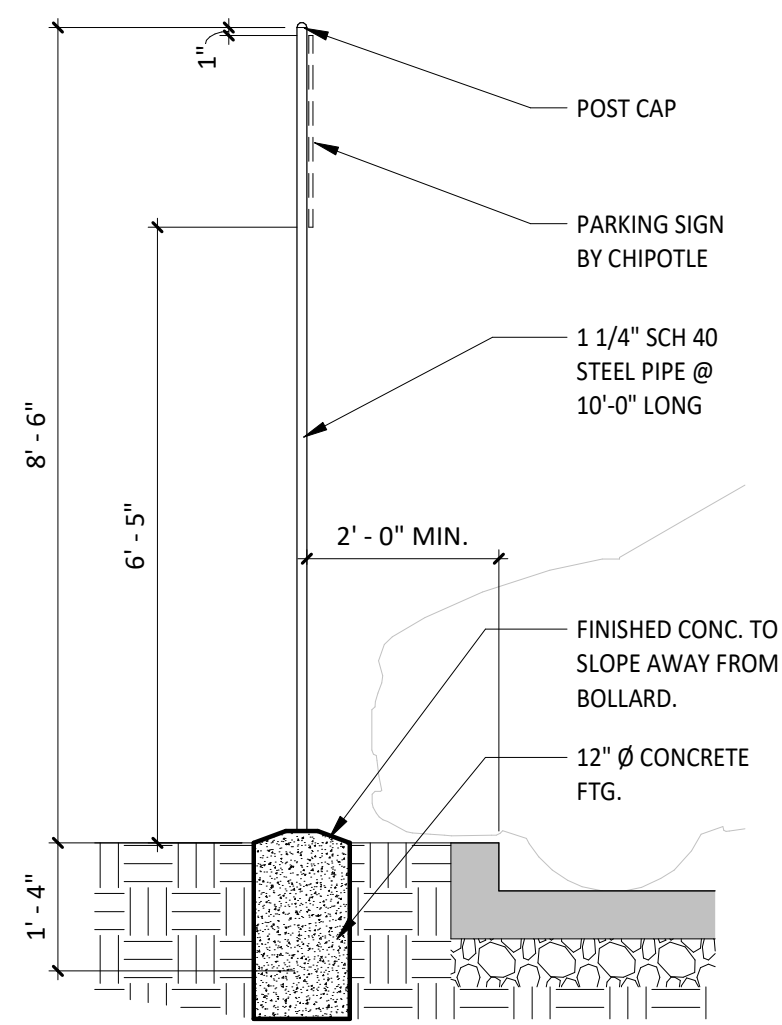
Issue Record:	
04/08/25	Permit Issue
06/27/25	Construction Issue

Revisions:	

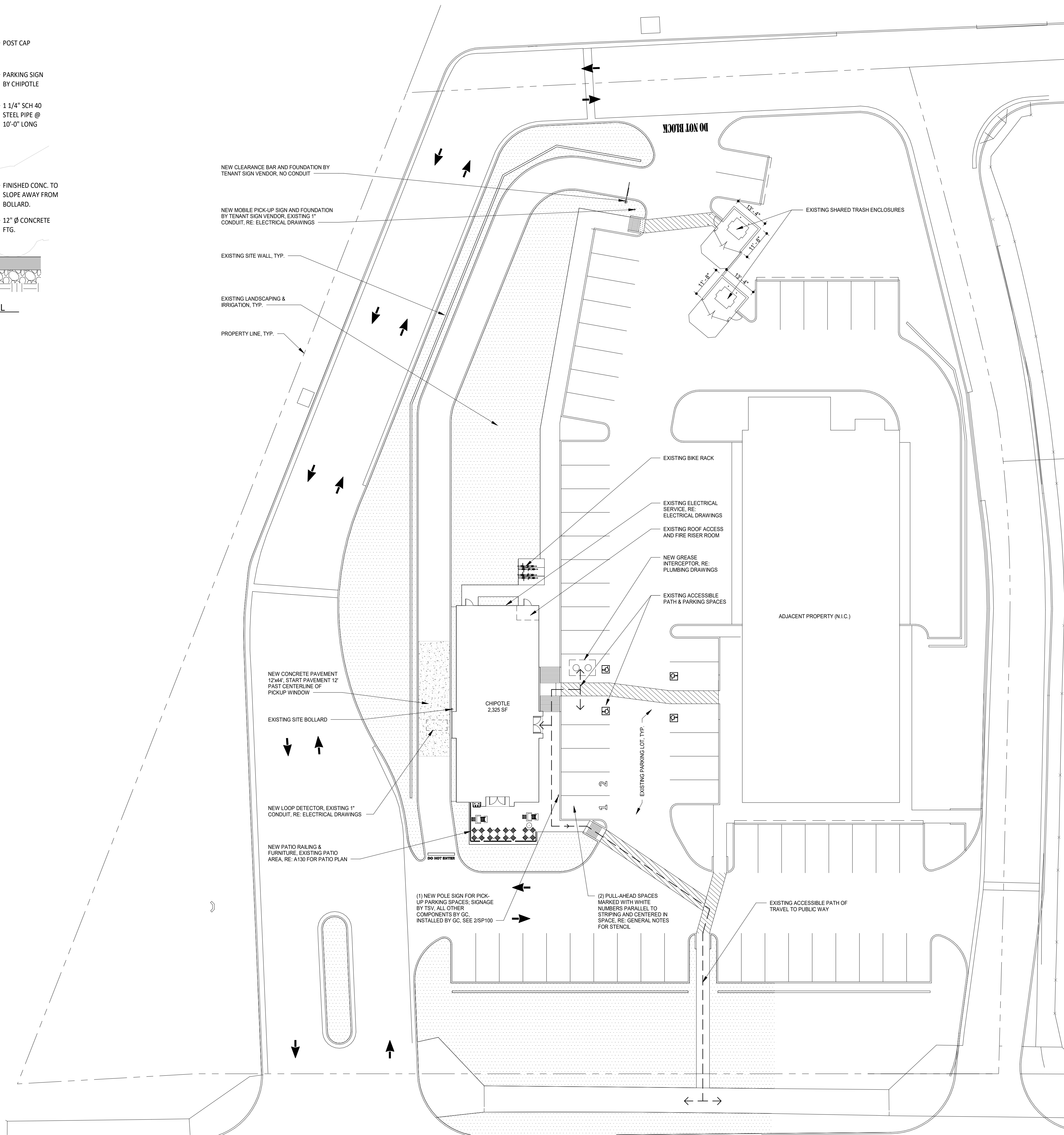
Project No.
01818

Demised Premises
Plan

D101



2 TYP. SIGN POST DETAIL
1/2" = 1'-0"



GENERAL NOTES

- ALL SITE WORK 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 SITE FEATURE NOT NOTED SHALL BE ASSUMED TO BE "EXISTING". ALL SITE WORK NOTED AS "NEW" IS IN THE SCOPE OF WORK OF THIS PROJECT.
- STENCILS FOR PARKING MARKINGS AVAILABLE FROM PAVEMENT STENCIL COMPANY, PHONE: (800) 250-5547, EMAIL: STENCILS@PAVEMENTSTENCIL.COM

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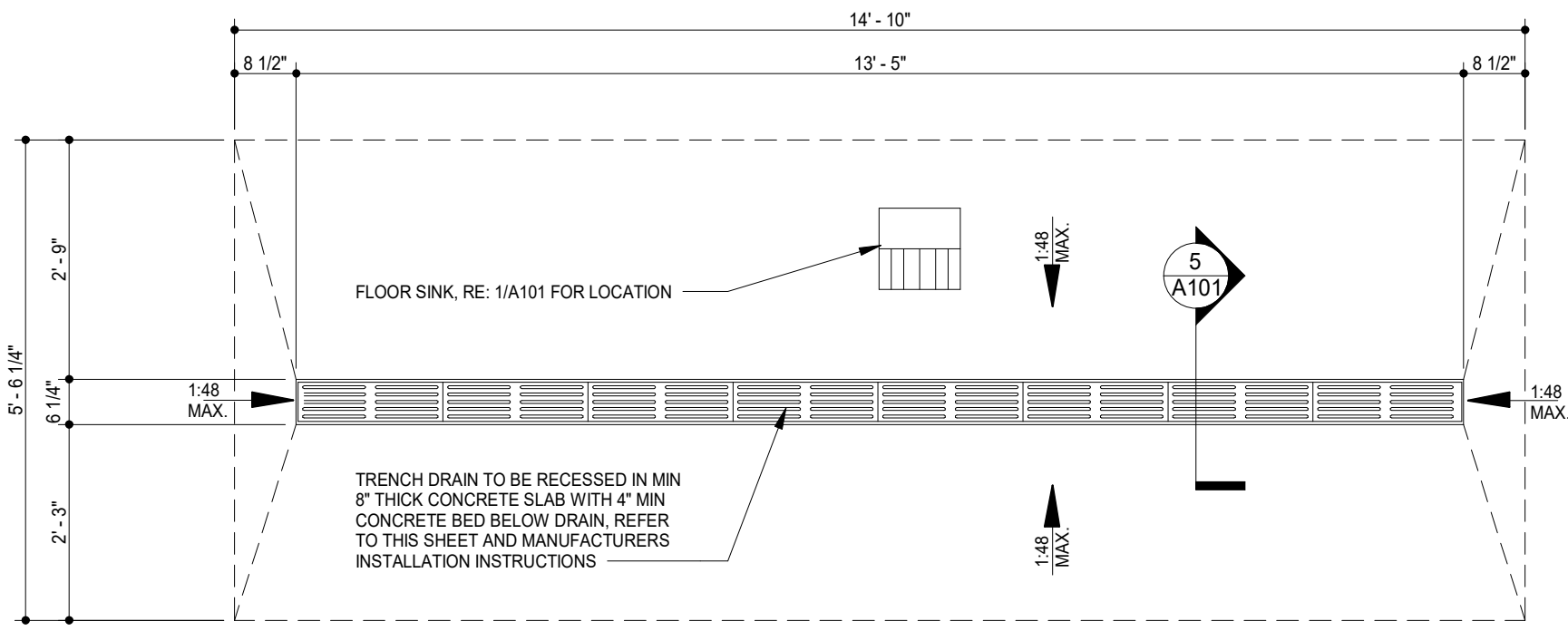
Revisions:	

Project No.
01818

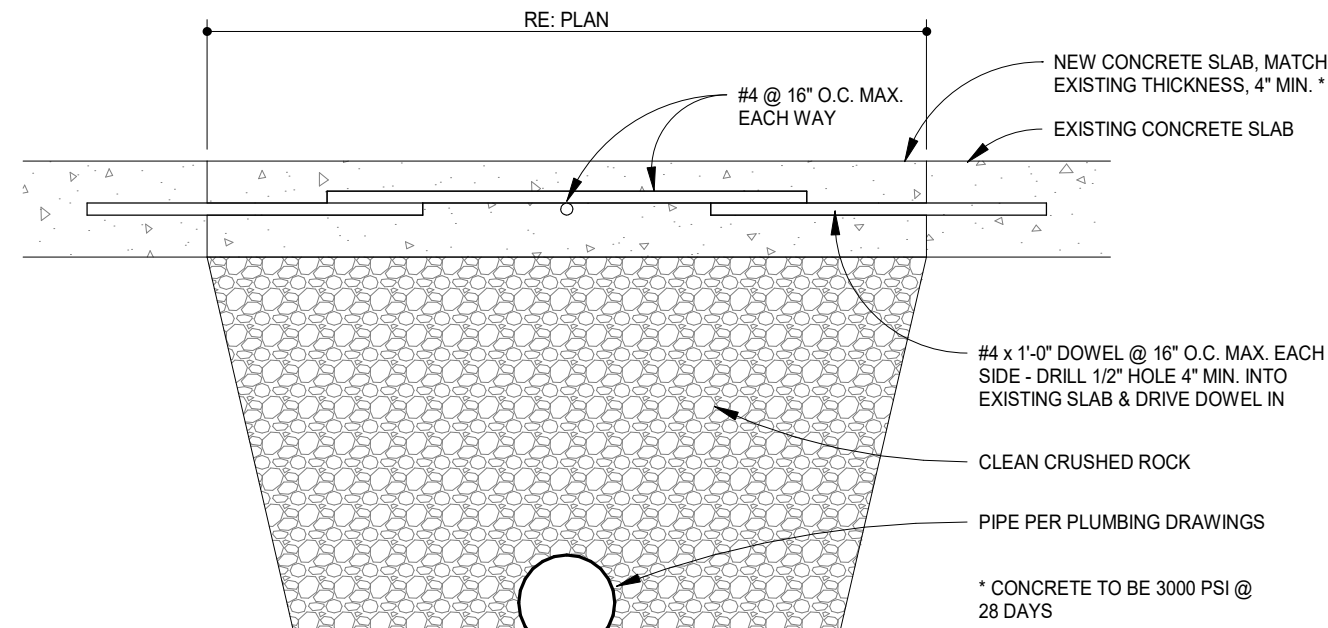
Architectural Site
Plan

SP100

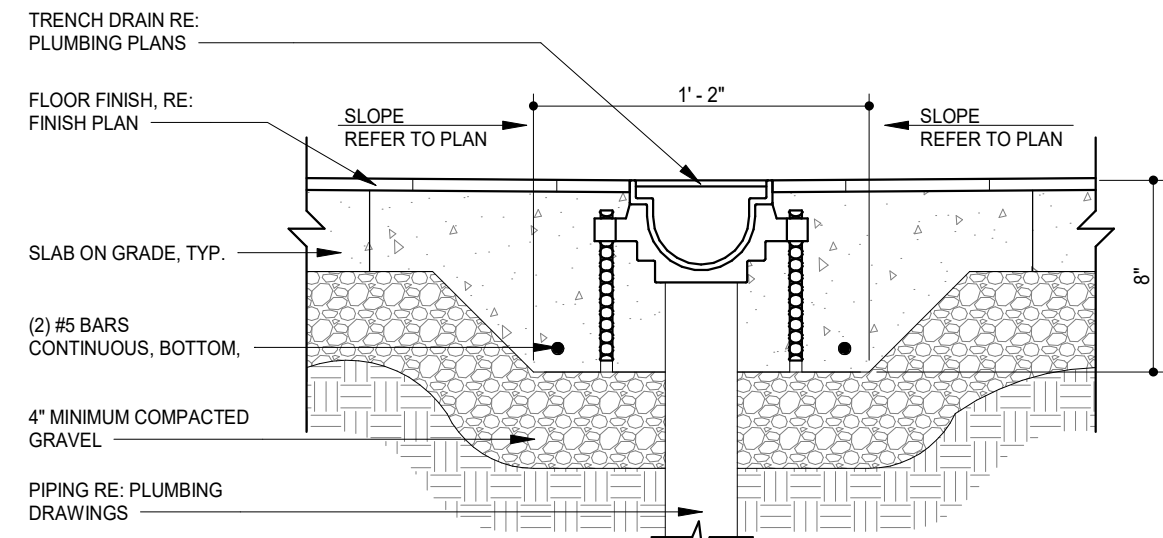
1 ARCHITECTURAL SITE PLAN
1" = 20'-0"



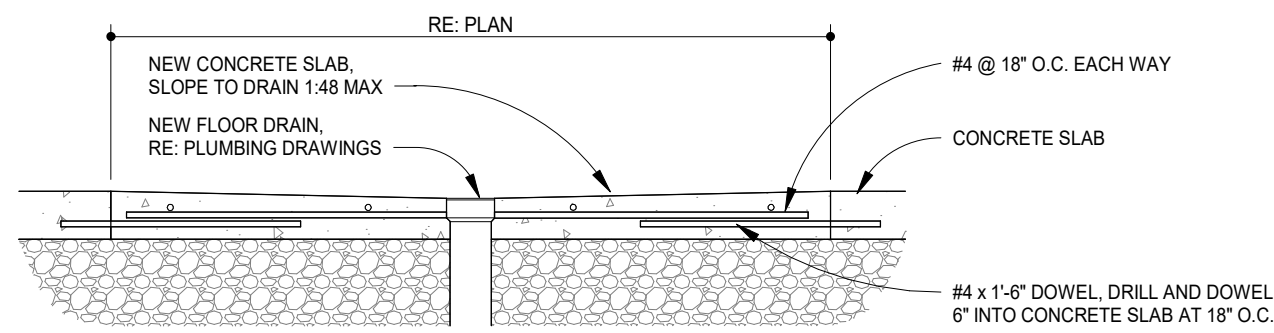
7 TRENCH DRAIN DETAIL
1/2" = 1'-0"



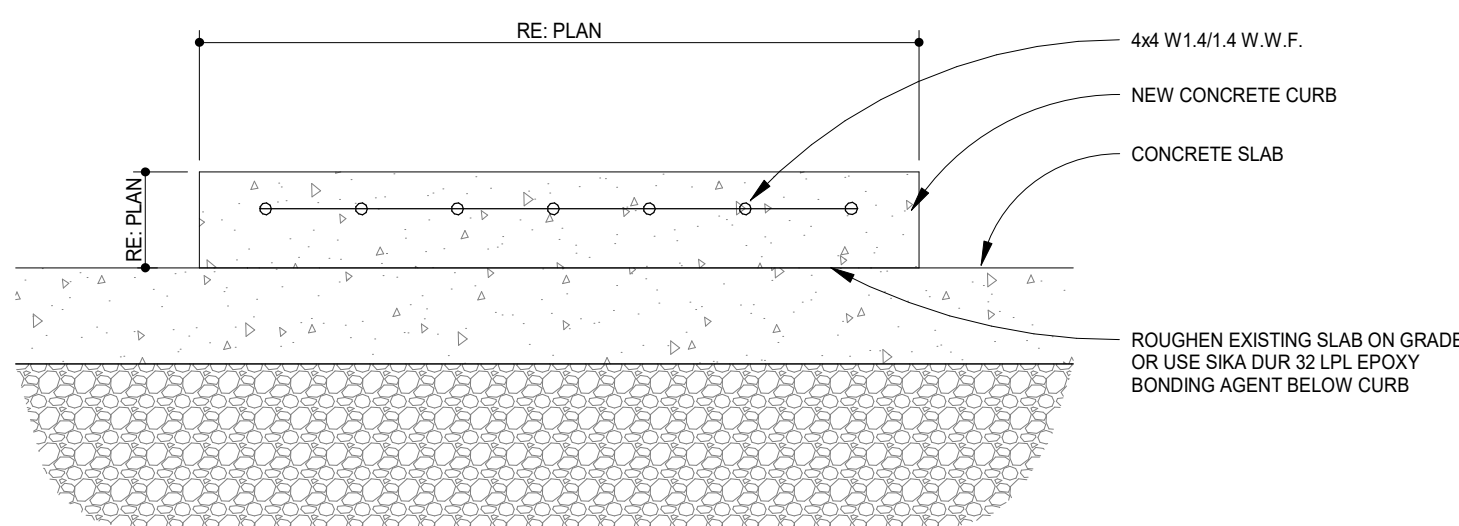
6 TYPICAL FLOOR SLAB DETAIL @ TRENCH
1 1/2" = 1'-0"



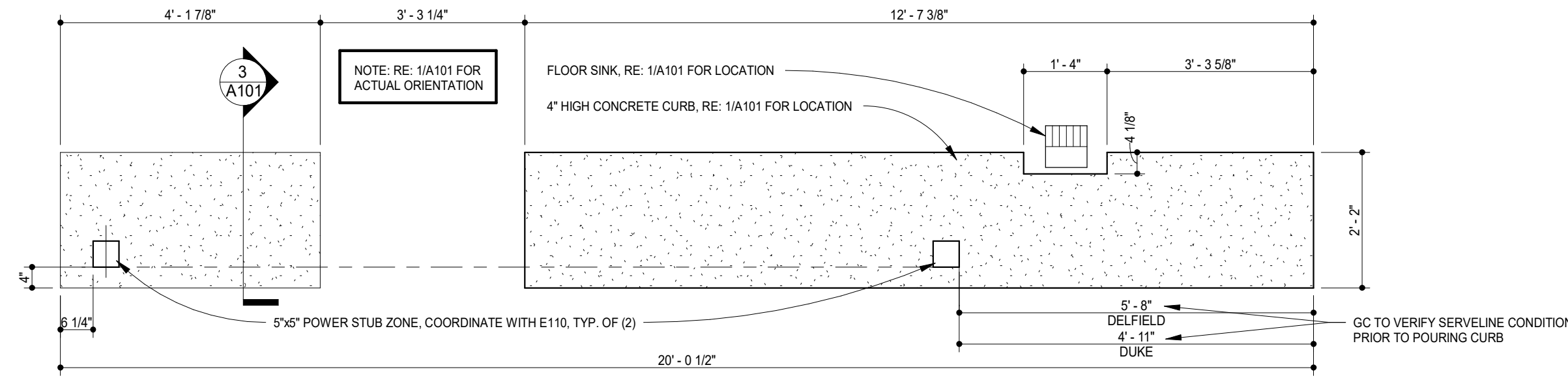
5 TRENCH DRAIN DETAIL
1 1/2" = 1'-0"



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



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



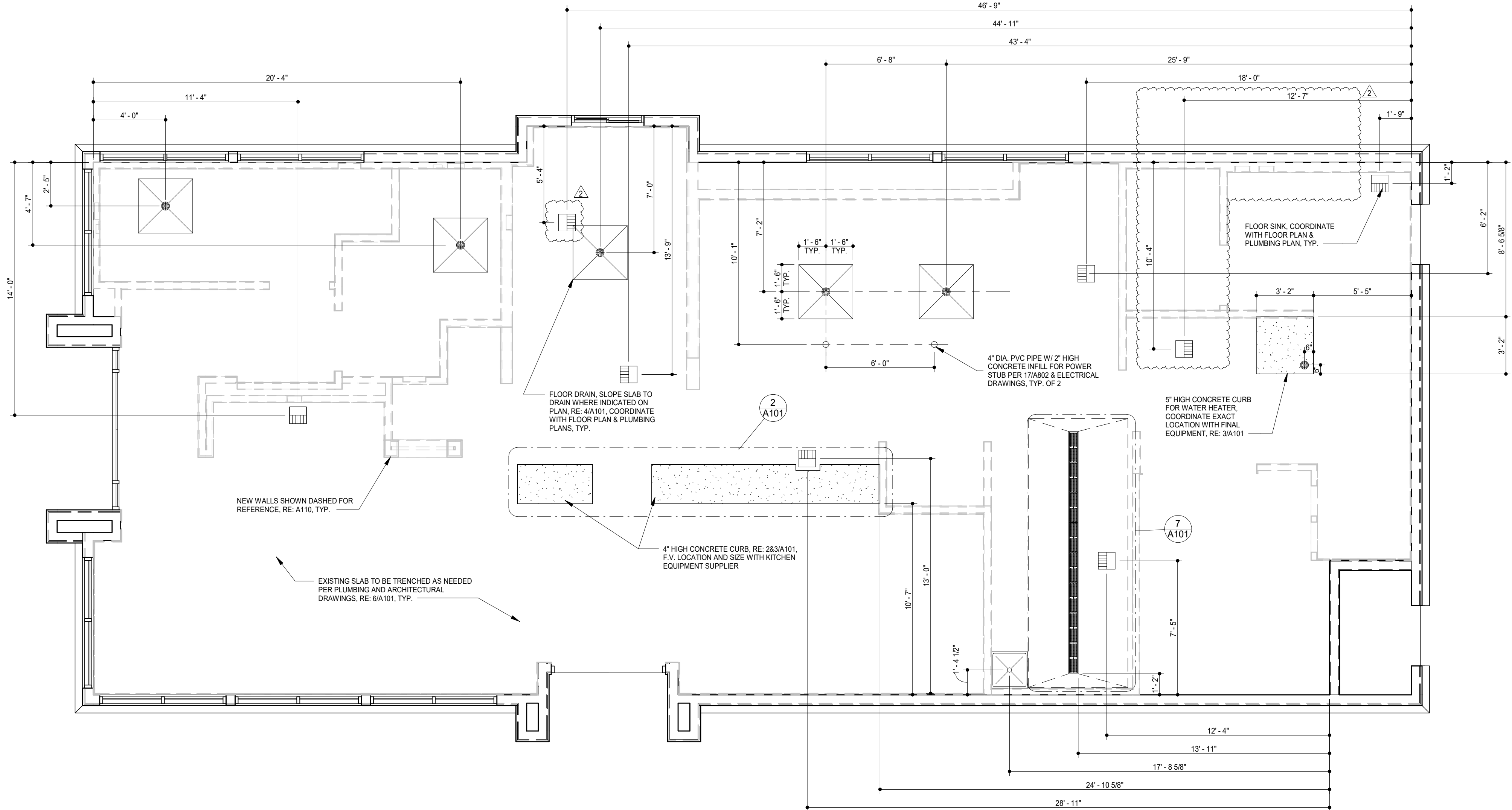
2 SERVING LINE CURB DETAIL
1/2" = 1'-0"

GENERAL NOTES

- ALL DIMENSIONS ARE TO THE F.O. EXISTING WALLS, CENTERLINE OF STRUCTURE, CENTER OF FIXTURE, AND/OR EDGE OF SLAB UNLESS NOTED OTHERWISE.
- 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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Pebble Creek & McDowell

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15600 W McDowell Road
Goodyear, AZ 85395

Issue Record:

04/08/25	Permit Issue
06/27/25	Construction Issue

Revisions:

06/27/2025	Health Comments / DB02
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Project No.

01818

Slab Work Plan

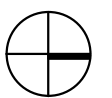
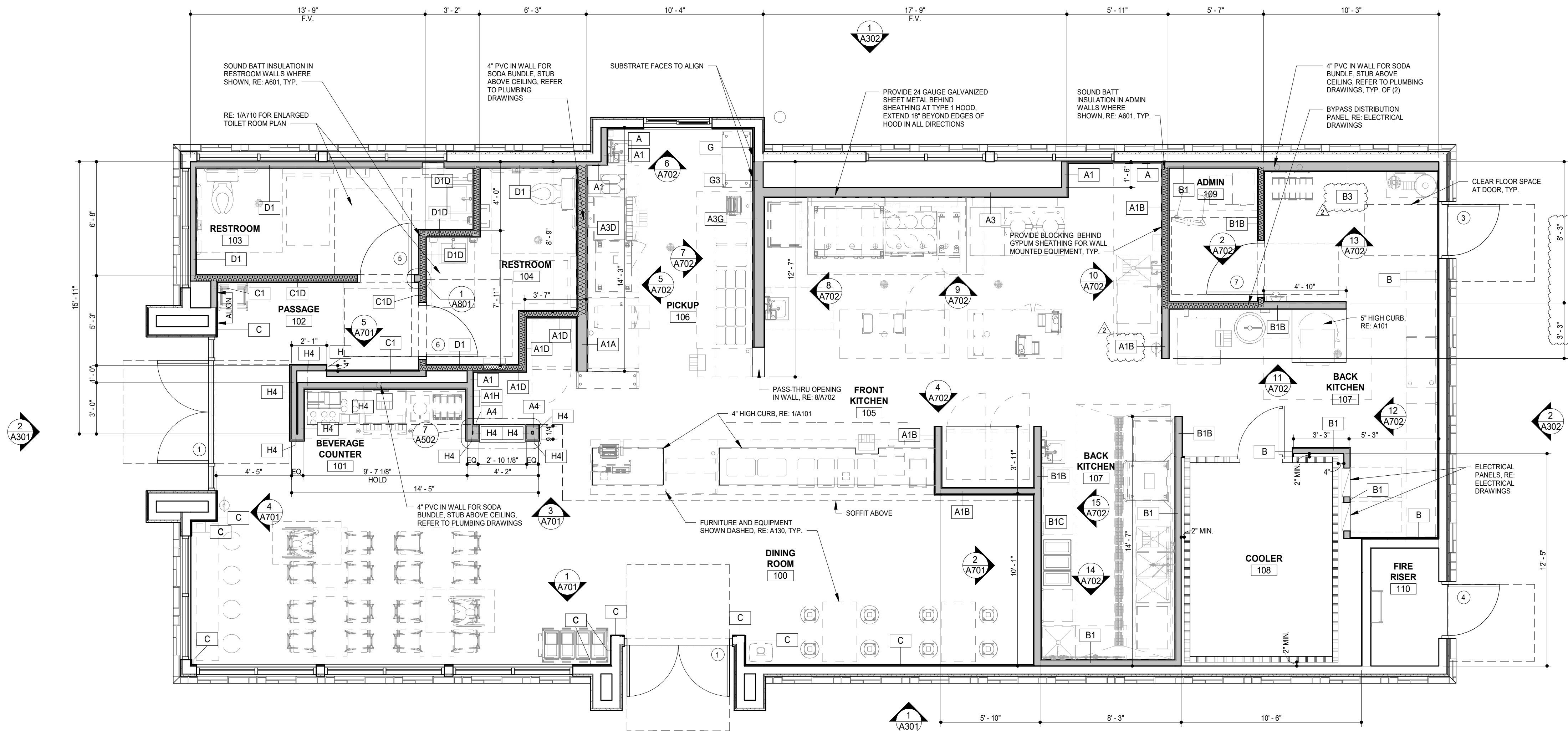
A101

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. PROVIDE BLOCKING IN WALLS FOR WALL MOUNTED SHELVING AND TOILET ROOM AND KITCHEN FIXTURES. RE: A701, A702 AND A710 FOR LOCATIONS.
5. 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	



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

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Project No.
01818

Architectural Floor
Plan

A110

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
100	DINING ROOM	F1	B1	RE: PLAN	C1	STRUCTURE	RE: A701
101	BEVERAGE COUNTER	F1	B3	P9	C6	8'-1 3/4"	RE: A701
102	PASSAGE	F1	B1	RE: PLAN	C3	10'-0"	RE: A701
103	RESTROOM	F2	B3	P2/P4	C3	8'-0"	RE: A710
104	RESTROOM	F2	B3	P2/P4	C3	8'-0"	RE: A710
105	FRONT KITCHEN	F2	B2	P5	RE: RCP	RE: RCP	RE: A702
106	PICKUP	F2	B2	P5	C4	10'-0"	RE: A702
107	BACK KITCHEN	F2	B2	P6	C4	10'-0"	RE: A702
108	COOLER	F2	B2	P7	C5		RE: MANUFACTURERS SHOP DRAWINGS
109	ADMIN	F2	B2	P6	C4	9'-0"	RE: A702
110	FIRE RISER	-	-	-	C1	STRUCTURE	

FINISH LEGEND

FLOOR FINISHES	WALL BASE FINISHES	WALL FINISHES	DOOR FINISHES	CEILING/DECK FINISHES
F1 POLISHED CONCRETE	B1 4" BLACK RUBBER - NO COVE. RE: 4&5/A801	P1 PLYWOOD BETWEEN TRUSSES, VERTICAL GRAIN. RE: 5/A502	D1 PAINT "BLACK"	C1 OPEN TO STRUCTURE, UNPAINTED
F2 QUARRY TILE				C2 NOT USED
F3 EXTERIOR CONCRETE	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"	C3 GYPSUM BOARD, PAINT "MOONLIT SNOW"
F4 SEALED CONCRETE				C4 2X4 VINYL-FACED LAY-IN
F5 RESINOUS FLOORING	B3 4" BLACK RUBBER BASE WITH COVE. RE: 18/A801	P3 GYPSUM BOARD, PAINT "THIN ICE", EGGSHELL, REFER TO T01 AND A710		C5 EXPOSED COOLER PANEL (EMBOSSED COATED STEEL)
	B4 QUARRY TILE - NO COVE. RE: 2/A802	P4 GYPSUM BOARD, PAINT "THIN ICE", SEMI-GLOSS		C6 STONEWOOD PANEL CEILING
	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: 2,3,16&19/A801		
		P11 CERAMIC TILE - ACCENT - BRONZE 3" X 12", RE: A802		
		P12 PREFINISHED BRASS METAL, EXISTING		
		P13 ALUMINUM STOREFRONT, EXISTING		

INTERIOR WALL AND CEILING FINISH REQUIREMENTS

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

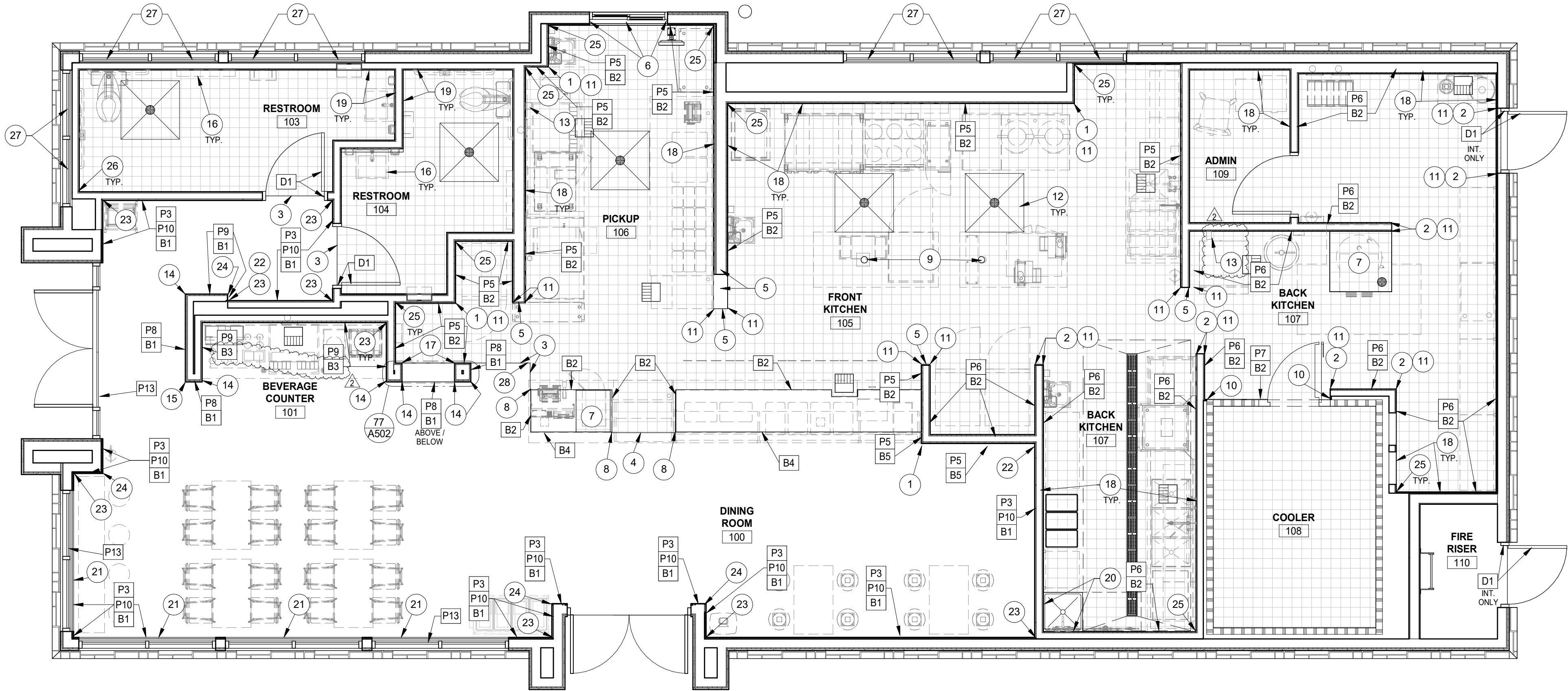
*RE: A000 FOR GROUP TYPE AND IF BUILDING IS SPRINKLERED OR NON-SPRINKLERED

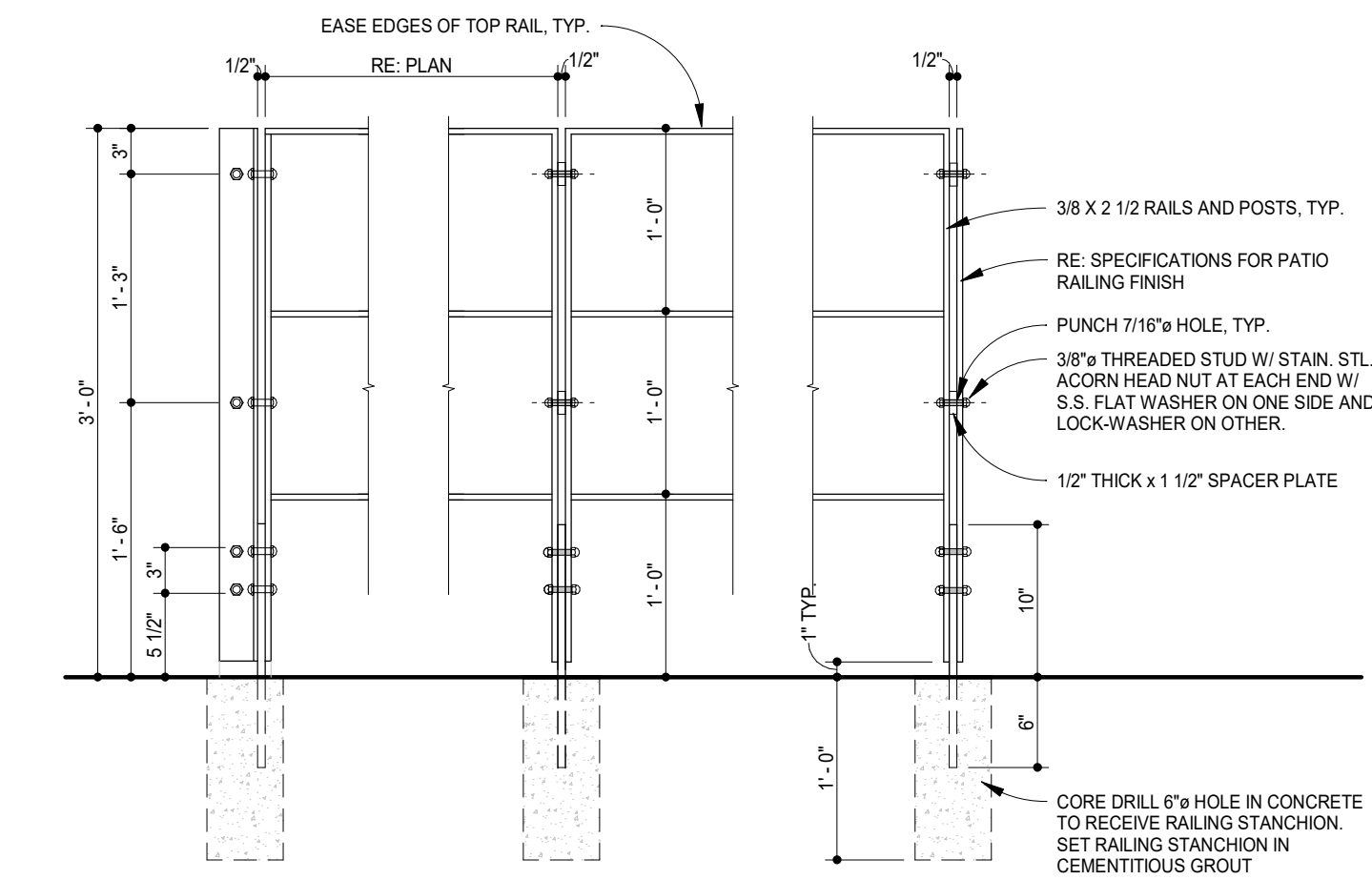
GENERAL NOTES

- PAINT ALL GYPSUM BOARD CEILINGS "MOONLIT SNOW," U.N.O.
- RE: A801 AND A802 FOR STANDARD FINISH DETAILS.
- CHANGE FLOOR MATERIALS UNDER DOOR WHERE OCCURS.
- ALL FINISHES TO BE CLASS B PER THE INTERIOR WALL AND CEILING FINISH REQUIREMENTS LEGEND ABOVE.
- ENSURE THAT ALL STOREFRONT HAS CONTINUOUS, CLEAN SEALANT AROUND THE INTERIOR AND EXTERIOR PERIMETER BETWEEN THE STOREFRONT AND ADJACENT WALL FINISHES. GC IS RESPONSIBLE FOR SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES.
- SPALTED MAPLE PANELS PROVIDED BY TMS, INSTALLED BY GC. INSTALL PER SPECIFICATION SECTION 06210 - FINISH CARPENTRY AND MILLWORK.
- STONEWOOD WALL PANELS AND WAINSCOT PANELS PROVIDED BY TMS, INSTALLED BY GC.

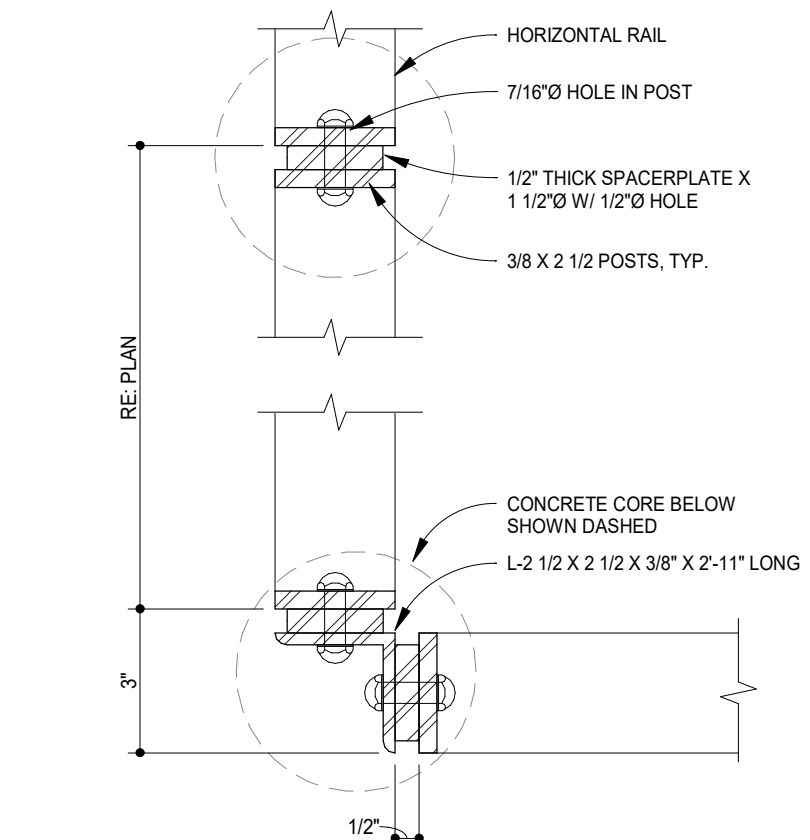
FINISH PLAN KEYNOTES

- RE: 11/A802 FOR CERAMIC TILE-TO-CERAMIC TILE OUTSIDE CORNER DETAIL
- 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
- 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, RE: 22/A802
- PROVIDE BULLNOSE FLOOR TRANSITION PER DETAIL 23/A802
- ALUMINUM PLATE AT END OF WALL & HEADER/JAMBS/ILL OF WALL PASS-THRU, RE: 12&13/A802
- ALUMINUM PLATE AT WINDOW OPENING HEADER JAMBS/ILL, RE: 4/A502 & 12&13/A802
- INSTALL QUARRY TILE ON TOP OF CURB WHERE INDICATED, RE: 1/A802
- INSTALL COVELESS QUARRY TILE BASE BULLNOSE CORNER (GCRL-1665) ON SIDE OF CURB FACING DINING ROOM (AT SERVELINE CURB ONLY); INSTALL COVED QUARRY TILE BASE ON SIDE OF CURB FACING QUARRY TILE FLOOR, BEHIND BULLNOSE BASE, RE: 8/A802
- RE: 17/A802 FOR DETAIL AT PREP/CUTTING TABLE POWER SOURCE
- RE: 14/A801 FOR DETAIL AT FRP CLOSURE PANEL TO WALK IN COOLER PANEL
- AT QUARRY TILE BASE OUTSIDE CORNERS, RE: 6&7/A802
- RE: 18/A802 FOR SLOPED QUARRY TILE FLOOR TO FLOOR DRAIN DETAIL
- PROVIDE 18 GAUGE STAINLESS STEEL SHROUD AROUND EXPOSED ICE MAKER LINES, RE: 4/A130
- RE: 12/A801 FOR SPALTED MAPLE PLYWOOD-TO-STONEWOOD OUTSIDE CORNER DETAIL
- RE: 13/A801 FOR SPALTED MAPLE PLYWOOD-TO-SPALTED MAPLE PLYWOOD OUTSIDE CORNER DETAIL
- EQUIPMENT AND FURNITURE SHOWN DASHED, RE: A130
- RE: 11/A801 FOR STONEWOOD-TO-TILE OUTSIDE CORNER DETAIL
- PROVIDE WATERPROOFING AT ALL KITCHEN & ADMIN WALL/FLOOR JUNCTIONS, RE: 4&5/A802
- PROVIDE WATERPROOFING AT ALL RESTROOM WALL/FLOOR JUNCTIONS, RE: 18/A801
- PROVIDE STAINLESS STEEL TO 2" ABOVE MOP SINK, FLASH BOTTOM EDGE OVER MOP SINK RM. BEND STAINLESS STEEL AT INSIDE CORNER SO THERE IS NO JOINT, RE: 17/A801
- RE: 10/A801 FOR STONEWOOD WAINSCOT SILL DETAIL
- RE: 7/A801 FOR STONEWOOD END CONDITION DETAIL
- RE: 8/A801 FOR STONEWOOD INSIDE CORNER DETAIL
- RE: 9/A801 FOR STONEWOOD OUTSIDE CORNER DETAIL
- RE: 9/A802 FOR CERAMIC TILE-TO-CERAMIC TILE INSIDE CORNER DETAIL
- RE: 15/A801 FOR RESTROOM INSIDE FRP CORNER
- ON INTERIOR SIDE OF WINDOWS, INSTALL WINDOW FILM 3M PRESTIGE 20 (PR20)
- START FLOOR PATTERN WITH FULL QUARRY TILE AT THIS LOCATION

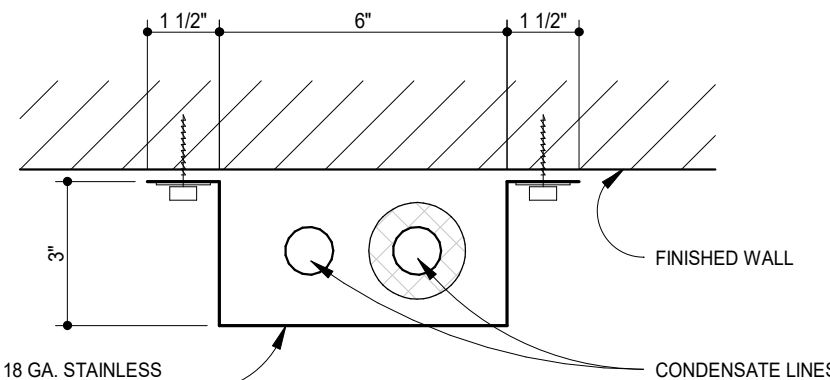




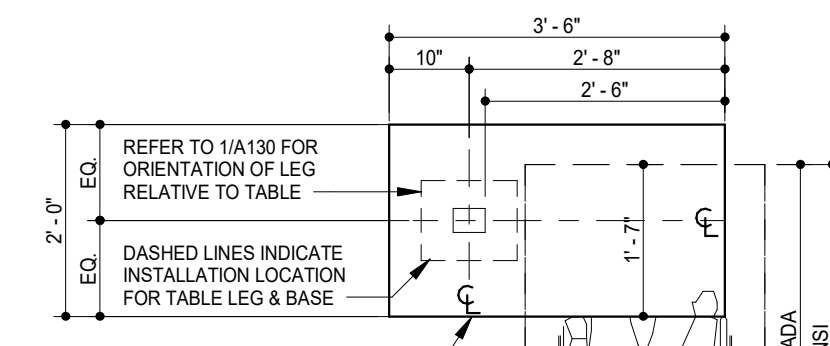
6 PATIO RAILING ELEVATION DETAIL
1" = 1'-0"



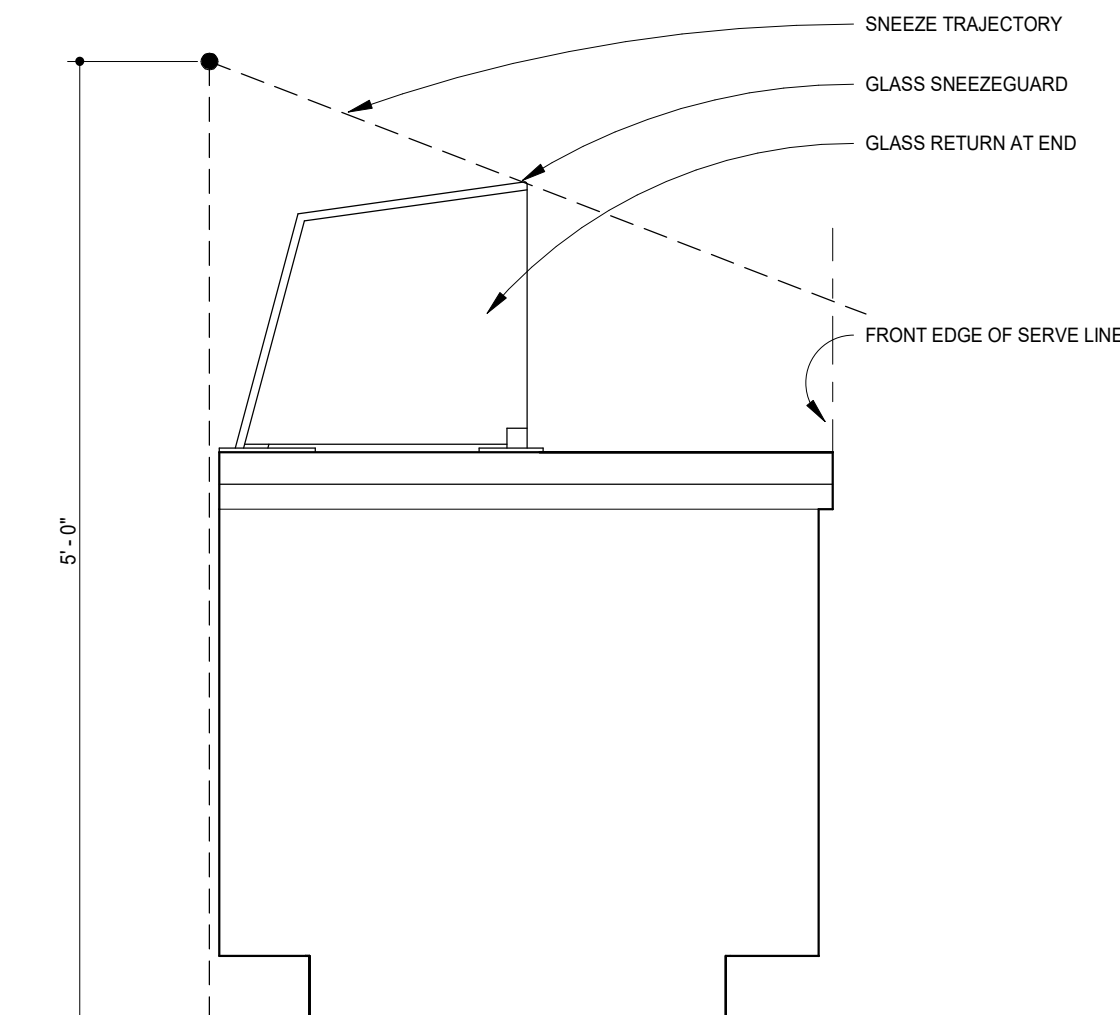
5 PATIO RAILING PLAN DETAIL
3" = 1'-0"



4 ICE MAKER LINE SHROUD DETAIL
3" = 1'-0"



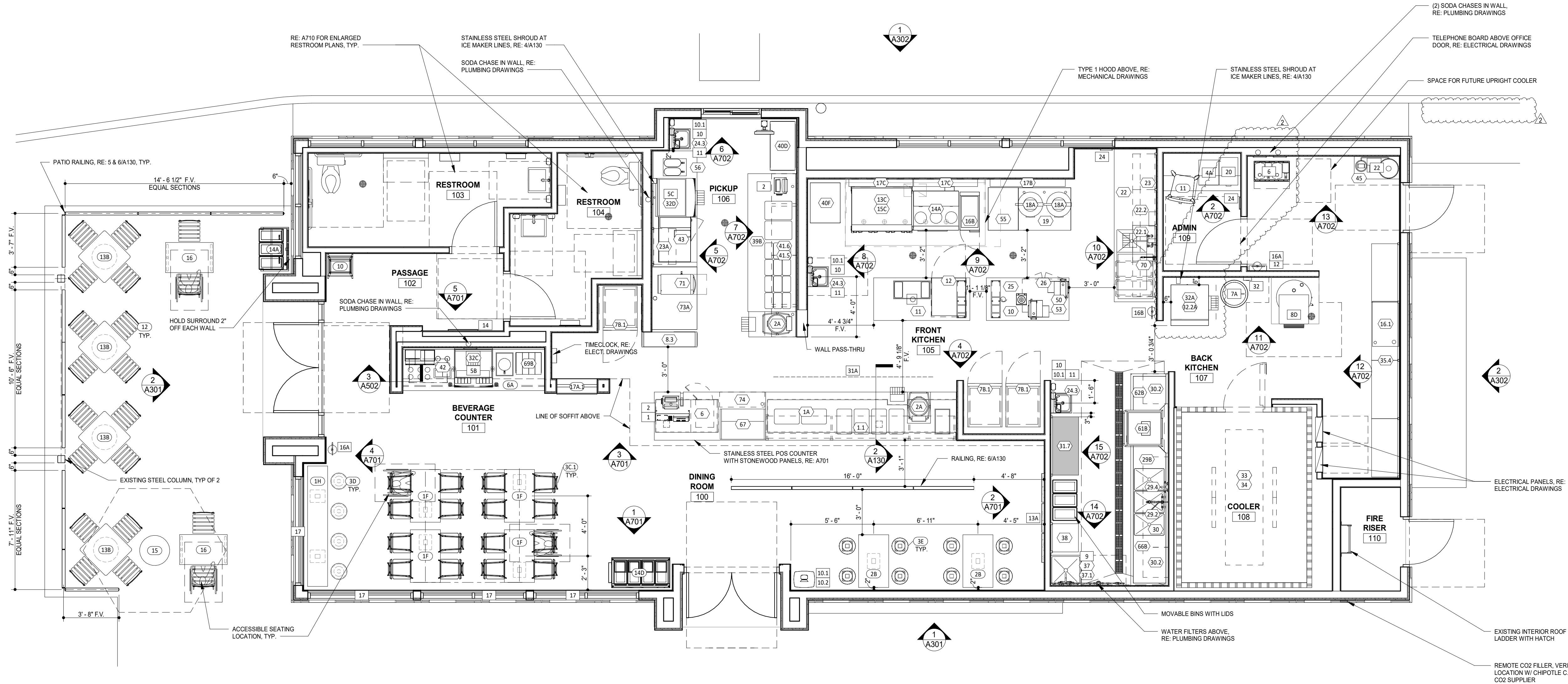
3 ACCESSIBLE TABLE DETAIL
1/2" = 1'-0"



2 SNEEZEGUARD SECTION
1" = 1'-0"

GENERAL NOTES

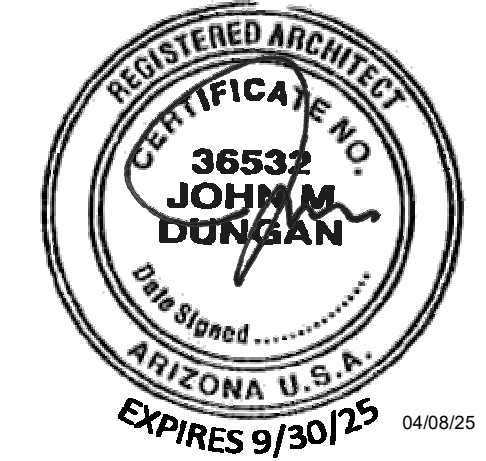
- RE: A131 & A132 FOR EQUIPMENT & FURNITURE SCHEDULES.
- ALL DIMENSIONS TO FACE OF GYPSUM BOARD, FACE OF FINISH PLYWOOD, CENTERLINE/EDGE OF FURNITURE, OR COLUMN GRID, UNLESS NOTED OTHERWISE.
- ALL FURNITURE SHALL BE SQUARE TO TENANT SPACE/WALLS AS SHOWN ON PLANS.
- MAINTAIN MINIMUM 3'-0" CLEAR @ QUEUE LINE & EXIT PATHWAYS, TYP.
- SEE INTERIOR ELEVATIONS FOR ADDITIONAL DIMENSIONS, RE: A701 & A702.
- PROVIDE BLOCKING IN WALLS FOR WALL-MOUNTED ARTWORK, TOILET ROOM AND KITCHEN FIXTURES.
- 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.
- ALL ENTRANCES AND EXTERIOR GROUND FLOOR EXITS TO BUILDINGS AND FACILITIES SHALL COMPLY WITH CBC SECTION 11B-404.



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

DUNGAN DESIGN GROUP

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15600 W McDowell Road
Goodyear, AZ 85395

Issue Record:
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06/27/25 Construction Issue

Revisions:
06/27/2025 Health Comments / DB02

Project No.
01818

Fixtures, Furniture & Equipment Plan

A130

DESCRIPTION	SUPPLIED BY	INSTALLED BY	UTILITY			REMARKS
			ELEC	GAS	WATER	
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

GENERAL NOTES

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A140



ITEM #	QTY	DESCRIPTION	COLOR/FINISH	MOUNT	REMARKS
SP1	3	DINING ROOM SPEAKER	BLACK	SUSPENDED	REFER TO A210 & E110 FOR DETAILS

ITEM #	QTY	DESCRIPTION	COLOR/FINISH	MOUNT	REMARKS
SP1	3	DINING ROOM SPEAKER	BLACK	SUSPENDED	REFER TO A210 & E110 FOR DETAILS

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

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

1. ALL INTERIOR LIGHT FIXTURES AND LAMPS PROVIDED BY T.S. INSTALLED BY GC.
2. ALL INTERIOR LIGHT FIXTURES AND LAMPS PROVIDED BY GC. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
3. KITCHEN EXHAUST HOOD PROVIDED BY T.S. INSTALLED BY GC. GC TO COORDINATE PNEUMATIC TEST AND VIBROGUARD WITH ENVIRONMENTAL ENGINEER. BOILER ROOM EXHAUSTION SYSTEM PROVIDED BY T.S. INSTALLED BY H.S. HOOD INTERLOCK AND ELECTRICAL CONNECTION BY GC.
4. RE: ELECTRICAL DRAWINGS.
5. MENU BOARD ASSEMBLY PROVIDED BY T.S. INSTALLED BY GC.
6. PROVIDE BLOCKING IN CEILING ABOVE MENU BOARD FOR INSTALLATION.
7. RE: "06950 PAINTING - GENERAL" IN SPECIFICATIONS FOR FINISHES AT EXPOSED CEILING AREAS IN ADDITION TO NOTES LISTED ON THIS SHEET.
8. UNISTRUT TO BE LEFT UNPAINTED. PROVIDE MATCHING CLOSER STRIPS AND END CAPS. CLOSER STRIP TO BE APPLIED TO THE UNDERSIDE OF THE UNISTRUT.
9. RE: A701 & A702 FOR PENDANT & WALL-MOUNTED FIXTURE INSTALLATION HEIGHTS.
10. LIGHT DETAILS ARE LOCATED ON SHEET A420. FIXTURE AND LAMP SPECIFICATIONS ARE LOCATED ON E100.
11. ALL UNISTRUT SUPPORTING CEILING ELEMENTS AND/OR CUCT WORK SHALL NOT CONTAIN ANY ELECTRICAL CONDUIT. ALL ELECTRICAL CONDUIT MUST RUN IN UNISTRUT UNITS.
12. UNISTRUT, CONDUIT, SPRINKLER & WATER LINES SHALL BE INSTALLED TO THE BOTTOM OF THE DECK OR AS SHOWN IN DETAILS & LEFT JUMPED.
13. ALL DIMENSIONS ARE TO FACE OF WALL SHEATHING OR CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
14. SEE ELECTRICAL DRAWINGS FOR SHATTER RESISTANT LAMP LOCATIONS.
15. EMERGENCY LIGHTS, LIGHTS AND STROBES SHALL BE ALIGNED WITH CENTERLINE OF DECK.
16. FILL CERAMIC TILE COURSEING SHALL TAKE PRECEDENT OVER CEILING/HEAD/DIMENSION INDICATED. ALTER HEADER AND CEILING HEIGHT IN FRONT KITCHEN AREAS TO BE ADJUSTED IN FIELD SO THERE ARE FULL FILL TIES BETWEEN TOP OF BASE AND FINISHED CEILING OR HEAD.
17. ALL CONDUIT AND PIPE PENETRATIONS OF THE SERVING LINE SOFFIT ARE TO BE HELD TIGHT TO THE DECK. PLEASE CONSULT WITH CHIMNEY.
18. QM IF ANY CONDUITS TO ARISE.
19. LAY-IN CEILING PENETRATIONS TO BE HELD TIGHT TO WALLS. RE: A420 & PLUMBING DRAWINGS.
20. RE: STRUCTURAL DRAWINGS FOR HOOD SUSPENSION DETAILS.
21. A-120 FOR FINISH SCHEDULE.
22. ALL CEILING HEIGHTS NOTED ON THE PLAN ARE TO BOTTOM OF FINISHED CEILING.
23. PROVIDE TEN FOOTCANDLES OF SHIELDED LIGHT THROUGHOUT COOLER, FLOURESCENT LIGHTING FOR COOLER BY MANUFACTURER.
24. RE: A420 FOR SUSPENDED CEILING DETAILS.
25. SECURITY CAMERA LOCATIONS ARE APPROXIMATE LOCATIONS. RE: ENVISION INSTALLATION GUIDE FOR SPECIFIC LOCATIONS.
26. THE INSTALLATION OF THE CEILING IN THE RESTROOM CEILING WHEN THE SURROUNDING WALLS DO NOT GO TO DECK AND THE CEILING IS OPEN TO THE DINING ROOM SPACE.

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

RE: E100 FOR FIXTURE AND LAMP SCHEDULE					
ITEM #	MOUNT	DESCRIPTION	QTY	REMARKS	
A1	LAY-IN	2x2 LED LENSED TROFFER	12	SEE SHEET E100	
B1	CEILING	RECESSED BIN CAN LIGHT	7	SEE SHEET E100	
B2	CEILING	RECESSED BIN CAN LIGHT	34	SEE SHEET E100	
B3	CEILING	M4.0 - RECESSED BIN CAN LIGHT (BLACK)	3	SEE SHEET E100	
C0	SURFACE	LOW PROFILE LED 1FT	2	SEE SHEET E100	
C2	SURFACE	LOW PROFILE LED 3FT	3	SEE SHEET E100	
C3	SURFACE	LOW PROFILE LED 4FT	13	SEE SHEET E100	
C4	SURFACE	LOW PROFILE LED 5FT	3	SEE SHEET E100	
E1	SURFACE	EMERGENCY LIGHT - DUAL HEAD	3	SEE SHEET E100	
E2	SURFACE	EMERGENCY LIGHT - SINGLE 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 HOOD LIGHT	6	SEE SHEET E100	
J4	PENDANT	M4.0 - PENDANT LIGHT	2	SEE SHEET E100	
P5	PENDANT	M4.0 - PENDANT LIGHT	2	SEE SHEET E100	
R1	WALL	WALL PACK - EXISTING	1	SEE SHEET E100	
T1	TRACK	TRACK LIGHTING HEAD	10	SEE SHEET E100	
T-6	SUSPENDED	M4.0 - TRACK 6"	2	SEE SHEET E100	
T-8	SUSPENDED	M4.0 - TRACK 8"	1	SEE SHEET E100	

RE: E100 FOR FIXTURE AND LAMP SCHEDULE					
ITEM #	MOUNT	DESCRIPTION	QTY	REMARKS	
A1	LAY-IN	2x2 LED LENSED TROFFER	12	SEE SHEET E100	
B1	CEILING	RECESSED BIN CAN LIGHT	7	SEE SHEET E100	
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B3	CEILING	M4.0 - RECESSED BIN CAN LIGHT (BLACK)	3	SEE SHEET E100	
C0	SURFACE	LOW PROFILE LED 1FT	2	SEE SHEET E100	
C2	SURFACE	LOW PROFILE LED 3FT	3	SEE SHEET E100	
C3	SURFACE	LOW PROFILE LED 4FT	13	SEE SHEET E100	
C4	SURFACE	LOW PROFILE LED 5FT	3	SEE SHEET E100	
E1	SURFACE	EMERGENCY LIGHT - DUAL HEAD	2	SEE SHEET E100	
E2	SURFACE	EMERGENCY LIGHT - SINGLE 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 HOOD LIGHT	6	SEE SHEET E100	
J4	PENDANT	M4.0 - PENDANT LIGHT	2	SEE SHEET E100	
P5	PENDANT	M4.0 - PENDANT LIGHT	2	SEE SHEET E100	
R1	WALL	WALL PACK - EXISTING	1	SEE SHEET E100	
T1	TRACK	TRACK LIGHTING HEAD	10	SEE SHEET E100	
T-6	SUSPENDED	M4.0 - TRACK 6"	2	SEE SHEET E100	
T-8	SUSPENDED	M4.0 - TRACK 8"	1	SEE SHEET E100	



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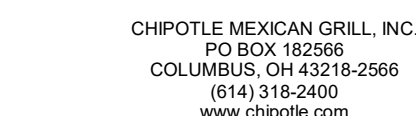
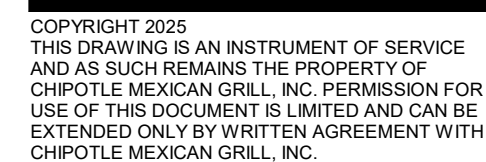
Issue Record:	
04/08/25	Permit Issue
06/27/25	Construction Issue

Revisions:	
05/23/2025	City Comments
06/27/2025	Health Comments / DB02

Project No.
01818

Reflected Ceiling
Plan

A201



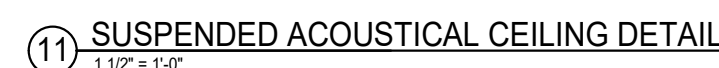
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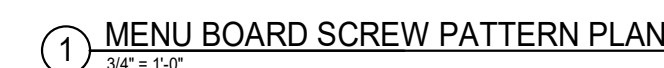
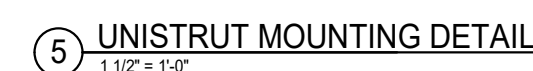
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Ceiling Details

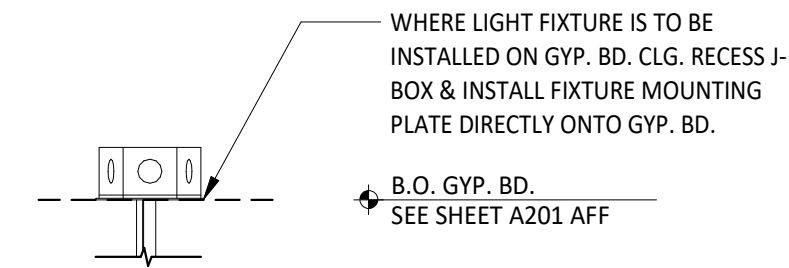
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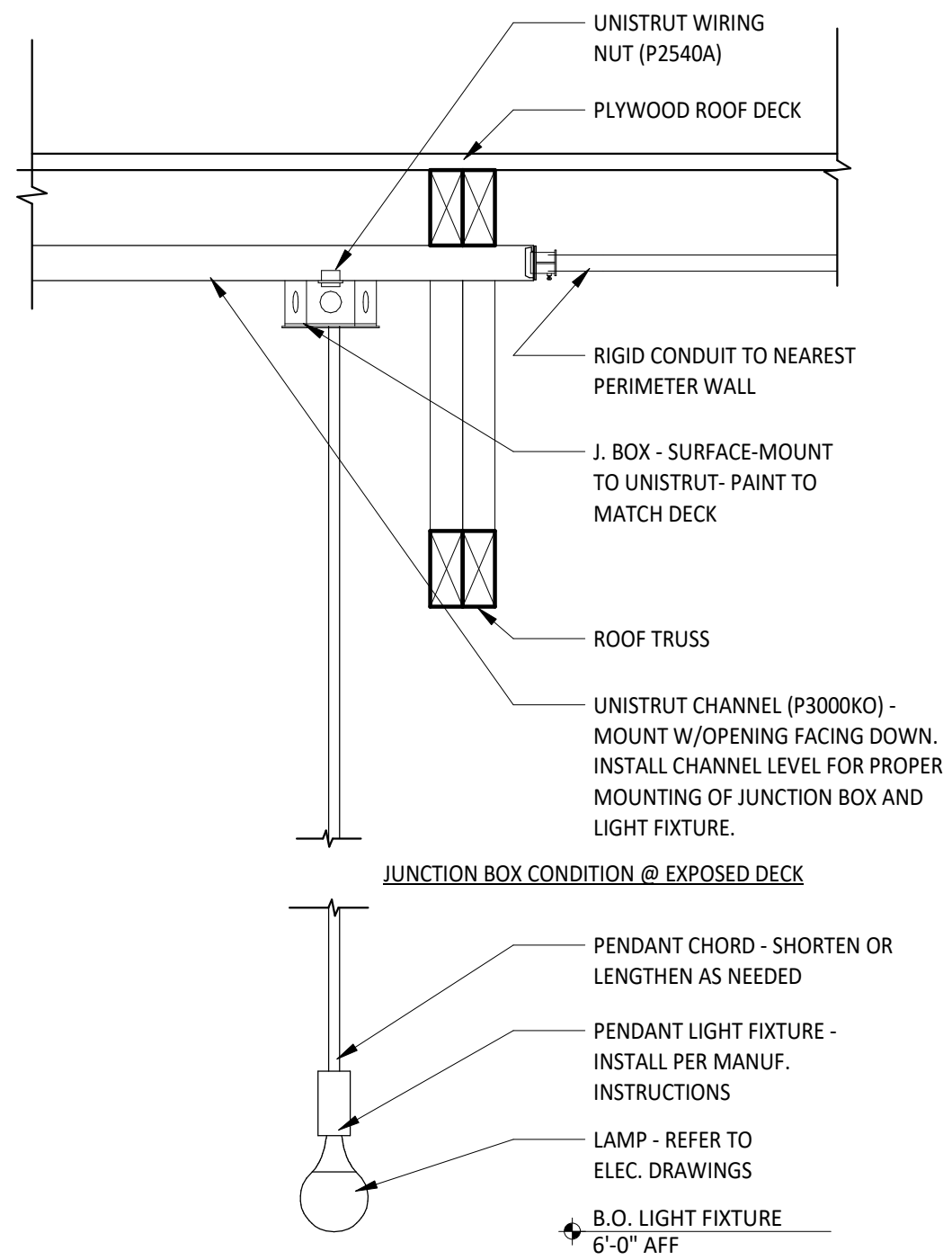
DETAIL 10 NOT USED



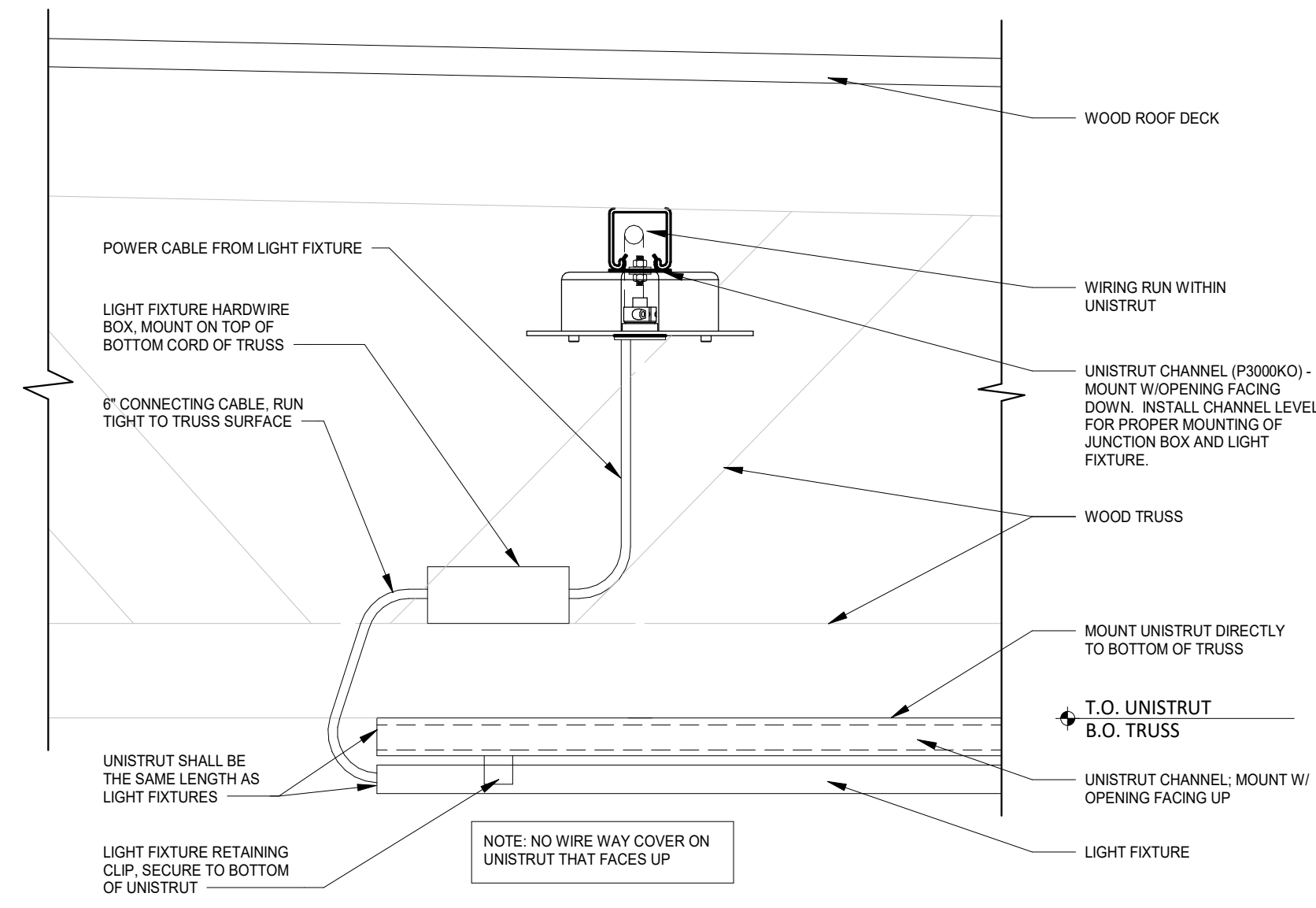
Issue Record:	
04/08/25	Permit Issue
06/27/25	Construction Issue



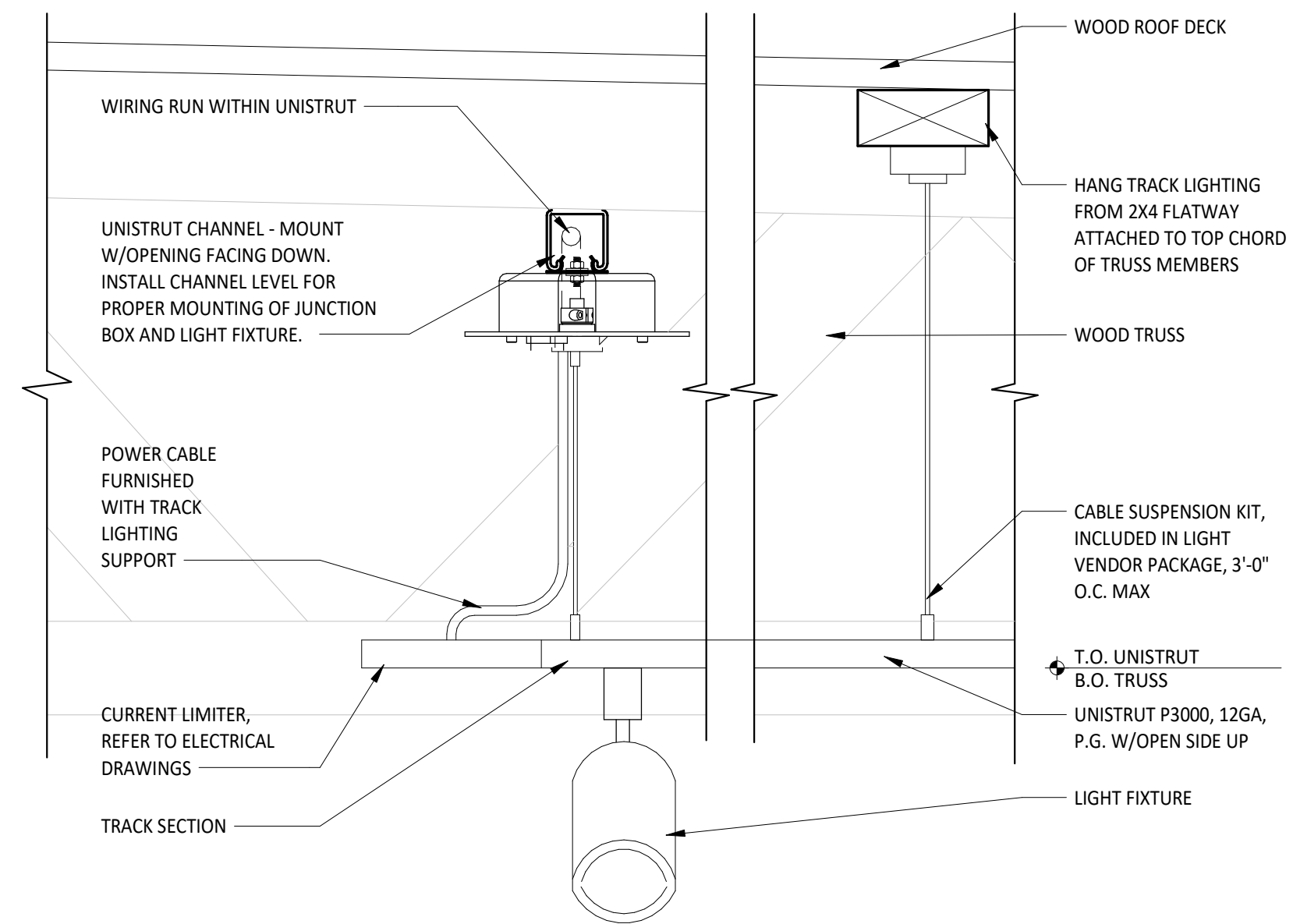
JUNCTION BOX CONDITION @ GYP. BD. CEILING



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



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



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

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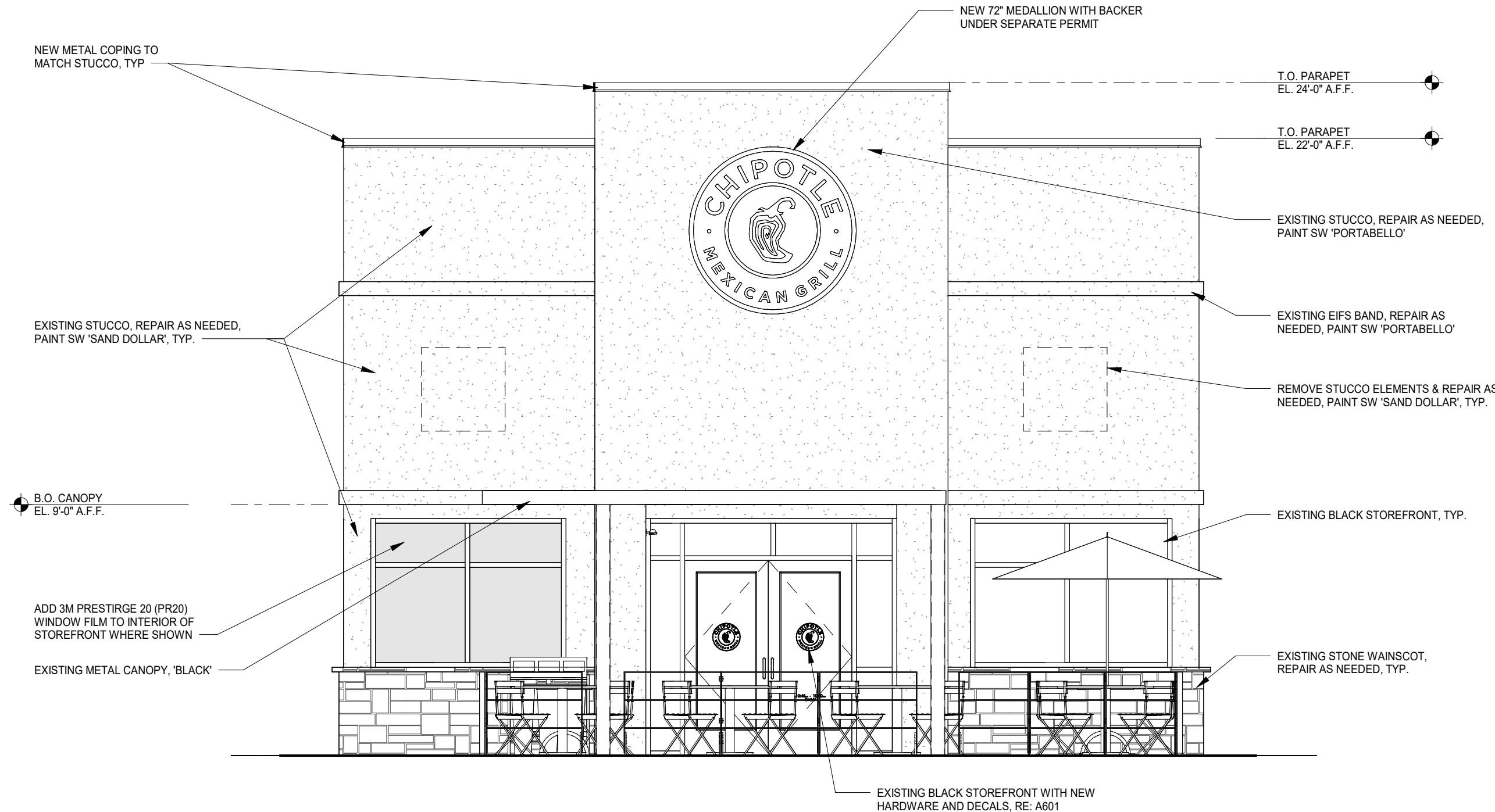
Project No.
01818

Lighting Details

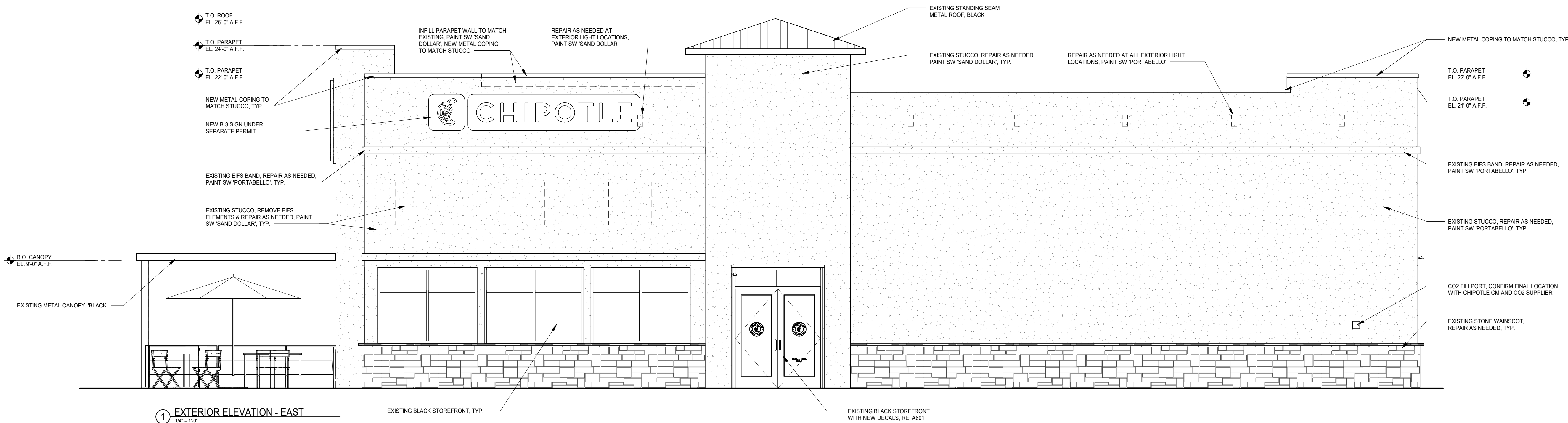
A211

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.



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



1 EXTERIOR ELEVATION - EAST
1/4" = 1'-0"

DUNGAN
DESIGN
GROUP

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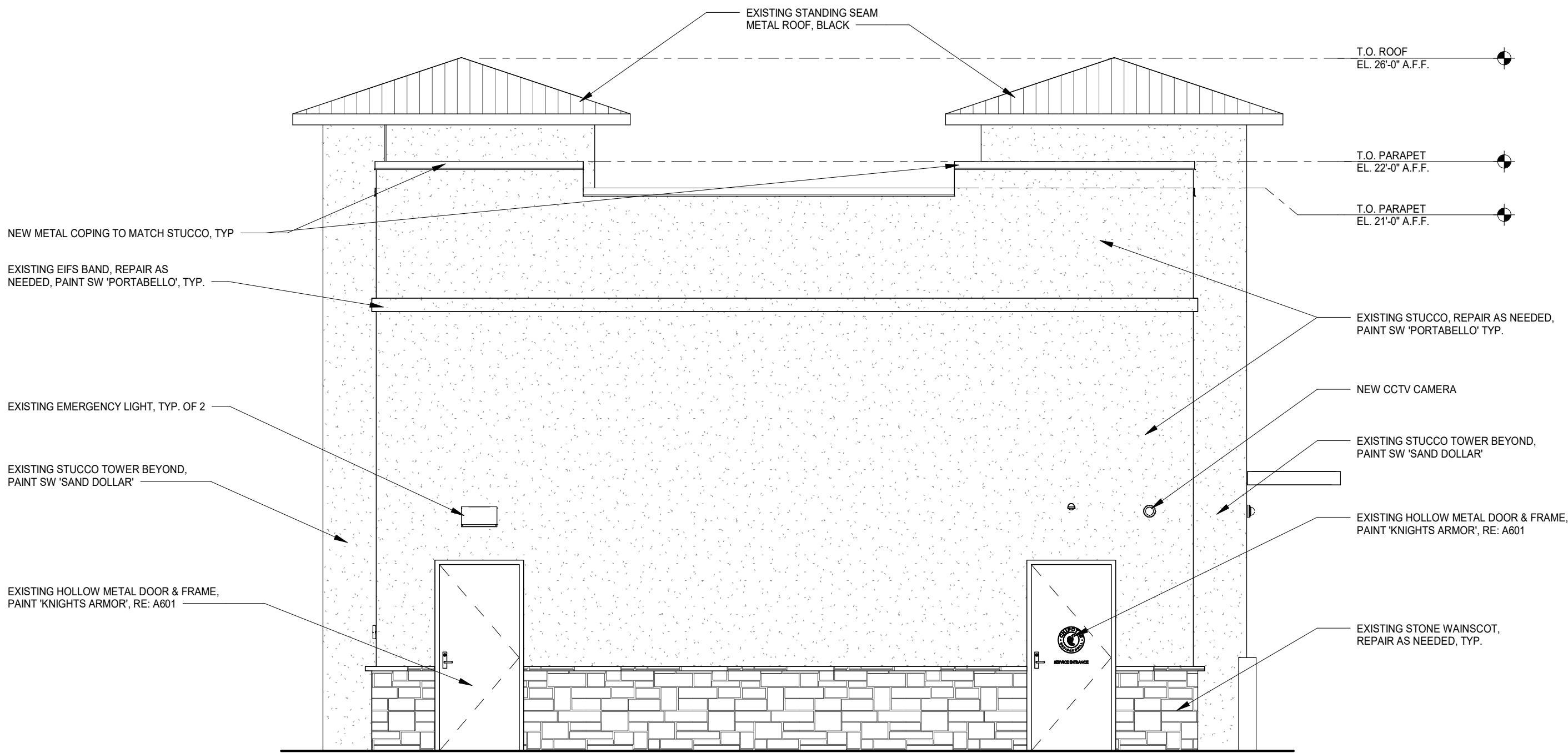
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01818

Exterior Elevations

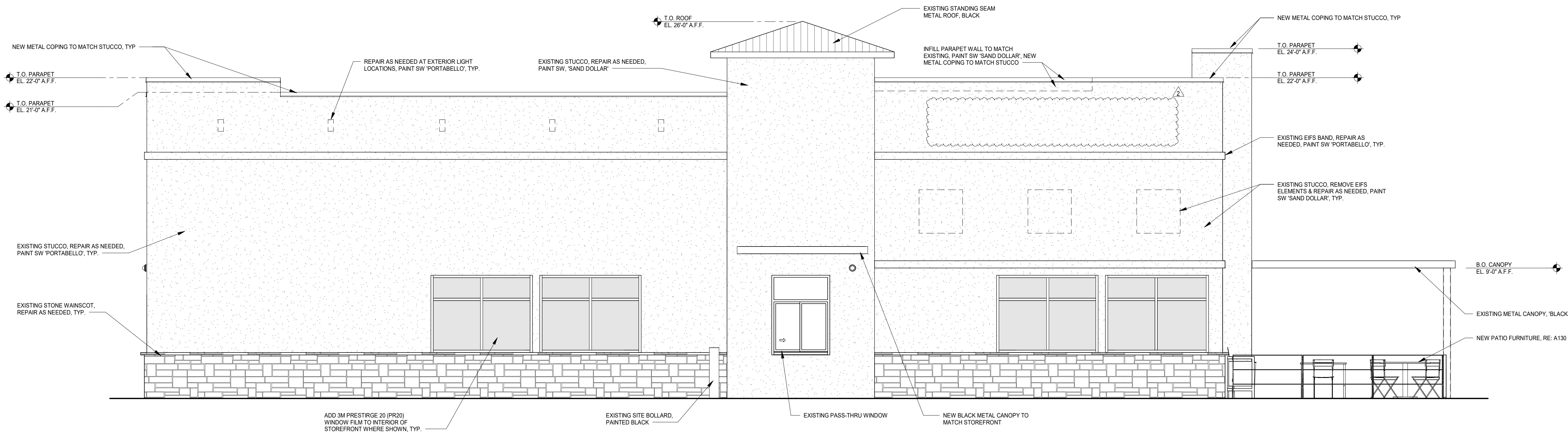
A301

GENERAL NOTES

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 - EXTERIOR SIGNAGE PROVIDED BY TSV AND INSTALLED BY TSV, GC TO MAKE FINAL CONNECTION.
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- ENSURE THAT ALL STOREFRONT HAS CONTINUOUS, CLEAN SEALANT AROUND THE INTERIOR AND EXTERIOR PERIMETER BETWEEN THE STOREFRONT AND THE EXTERIOR WALL FINISHES.
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2 EXTERIOR ELEVATION - NORTH
1/4" = 1'-0"



1 EXTERIOR ELEVATION - EAST
1/4" = 1'-0"

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01818

Exterior Elevations

A302



4 EXTERIOR ELEVATION - EAST
N.T.S.

MATERIAL LEGEND

- STUCCO
SHERWIN WILLIAMS 'SAND DOLLAR'
SW 6099
- STUCCO
SHERWIN WILLIAMS 'PORTABELLO'
SW 6102
- STONE
EL DORADO STONE
RUSTIC LEDGE
SEQUOIA
- METAL
BENJAMIN MOORE 'BLACK IRON'
BM 2120-20



2 EXTERIOR ELEVATION - SOUTH
N.T.S.



3 EXTERIOR ELEVATION - NORTH
1/4" = 1'-0"



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

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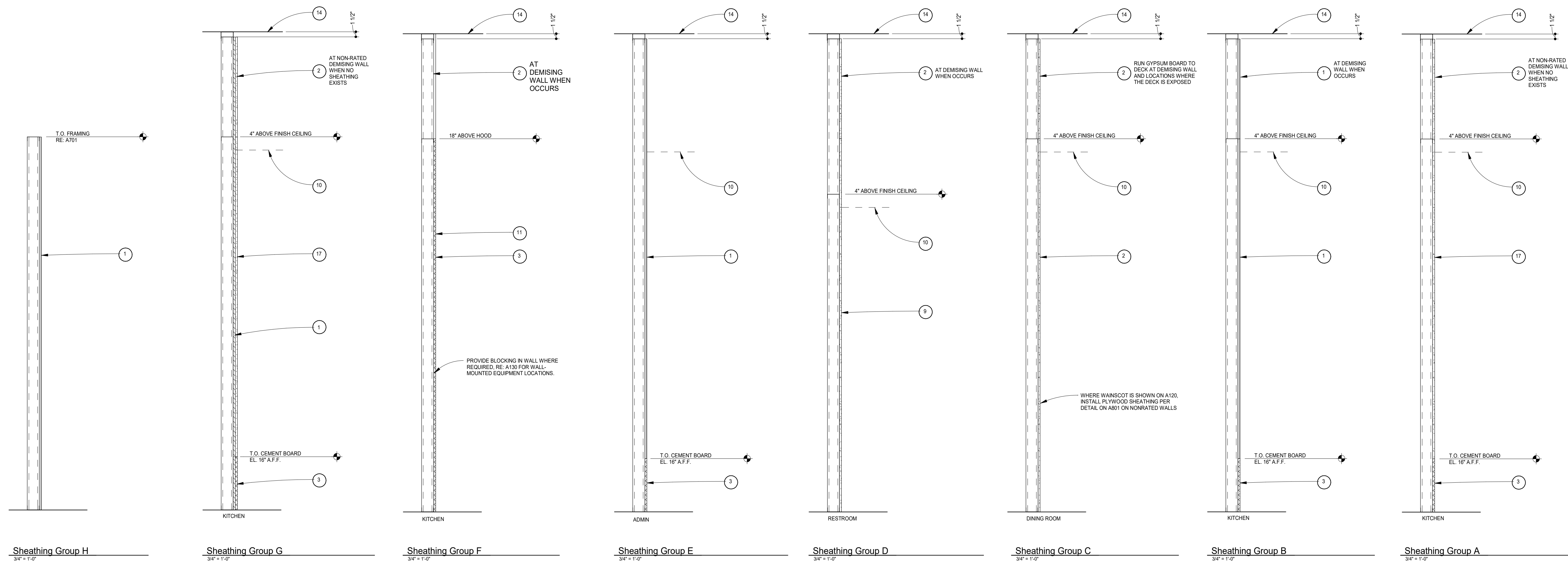
Revisions:	
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01818

Exterior Elevations -
Colored

A303

WALL SHEATHING GROUPS



METAL STUD TABLE

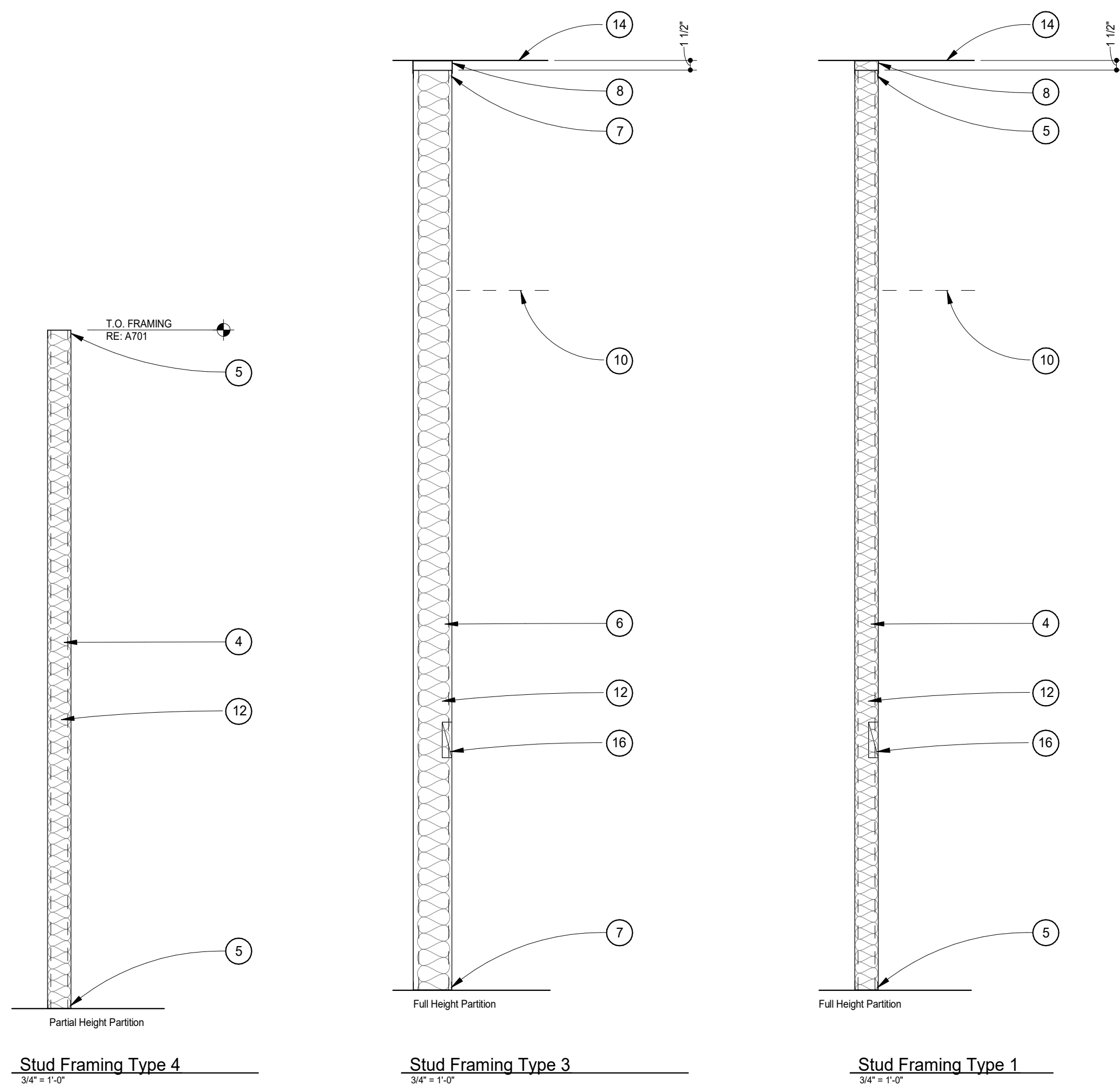
Stud Type	Spacing	Max. Height w/out Tie	Max. Height w Tie
PROSTUD 25 15ML	12" 16"	16'-8" 15'-2"	14'-7" 13'-3"
PROSTUD 22 18ML	12" 16"	17'-4" 15'-9"	15'-2" 13'-6"
PROSTUD 20 22ML	12" 16"	18'-11" 17'-2"	16'-6" 15'-0"

Stud Type	Spacing	Max. Height w/out Tie	Max. Height w Tie
PROSTUD 25 15ML	12" 16"	22'-0" 20'-8"	20'-6" 18'-7"
PROSTUD 22 18ML	12" 16"	23'-4" 21'-2"	20'-4" 18'-6"
PROSTUD 20 22ML	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 WALLS, PROVIDE A JAMB STUD FOR EACH FULL HEIGHT STUD THAT NEEDS TO BE SHORTENED TO ACCOMMODATE THE PENETRATION, DISTRIBUTING THE EXTRA JAMB STUDS EVENLY ON EITHER SIDE OF THE OPENING. PROVIDE A TRACK SECURING THE TOPS OF WALLS THAT ARE SHORTENED BELOW PENETRATION.
3. METAL STUDS SHALL BE PROTRAK BY DIETRICH BUILDING SYSTEMS OR EQUIVALENT, ES #0171
4. PROVIDE BRACING PER MANUFACTURER
5. STUDS SPECIFIED HAVE 1 1/4" FLANGES

METAL STUD FRAMING TYPES

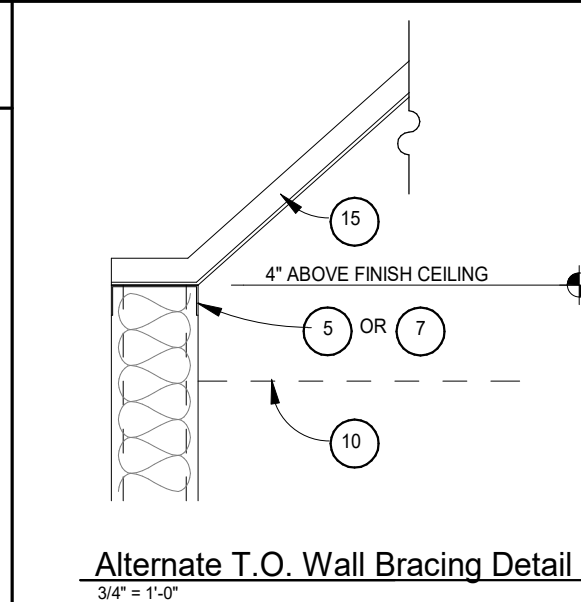


Keynotes

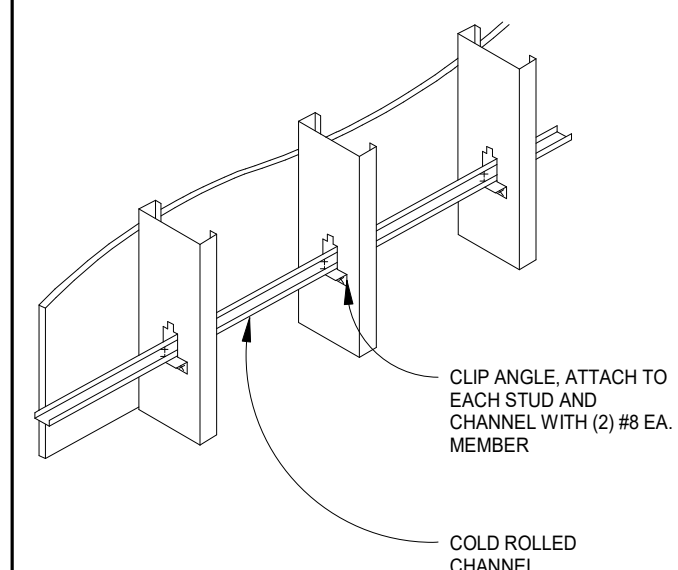
- 1 5/8" PLYWOOD SHEATHING
- 2 5/8" TYPE 'X' GYPSUM BOARD
- 3 5/8" CEMENT BOARD
- 4 3 5/8" METAL STUDS, SIZE PER METAL STUD TABLE UNLESS GIVEN ELSEWHERE IN THE DRAWINGS
- 5 3 5/8" X 1 1/4" 20 GAUGE TRACK
- 6 6" METAL STUDS, SIZE PER METAL STUD TABLE UNLESS GIVEN ELSEWHERE IN THE DRAWINGS
- 7 6" X 1 1/4" 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 FINISH 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 ACoustICAL INSULATION COMPLYING WITH ASTM C585, TYPE I RE: PLANS FOR LOCATION.
- 13 5 1/2", R-21 THERMAL BATT INSULATION AS OCCURS, KRAFT-FACED GLASS FIBER INSULATION COMPLYING WITH ASTM C585, TYPE II, CLASS C. RE: PLANS FOR LOCATION.
- 14 BOTTOM OF ROOF OR FLOOR DECK
- 15 3 5/8" 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" DENSISHIELD GLASS-MAT GYPSUM BACKING BOARD

GENERAL NOTES

1. ALL WALL SHEATHING SHALL BE ATTACHED TO STUDS AND FLOOR & CEILING RUNNERS WITH A 1/2" X 1" X 16" LONG SELF-DRILLING SELF-TAPPING, SELF-CUTTING SCREWS. SCREWS SHALL BE 1/4" FROM EDGES OF BOARDS AND 12" O. C. IN FIELD OF THE BOARDS.
 2. SEAL ALL OPENINGS AT POINT OF DRESSING WALLS WHEN APPLICABLE.
 3. ALL METAL STUDS TO CONFORM TO LOCAL BUILDING CODES.
 4. ALL STUDS, WALLS AND PARTITIONS TO RECEIVE PLY. BOARD ON BOTH SIDES FOR THE FULL HEIGHT OF THE STUDS UNLESS SPECIFICALLY DETAILED OTHERWISE.
 5. ALL SUSPENDED WALLS SHALL HAVE GP. 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 2X4 OR 2X6 STUDS OR 2X4 OR 2X6 STUDS WITH EITHER SCREWS OR NAILS. REFER TO THESE THIS SHEET.
 7. ALL STUDS SHALL BE CEE STUDS WITH FLANGE STIFFENERS.
 8. ALL METALS AND ALL KITCHEN CABS SHALL BE INSTALLED IN INSTALLATIONS. WHERE THE STUD MANUFACTURERS RECOMMENDATIONS OR OTHER REQUIREMENTS ARE MORE RESTRICTIVE, THEY SHALL APPLY.
 9. PROVIDE BLOCKING IN WALLS FOR WALL MOUNTED ARTWORK, TVS, RACKS, ETC. PROVIDE 2X4 OR 2X6 STUDS AT 16" O.C. FOR LOCATIONS.
 10. SUSPENDED METAL STUDS PER DETAIL THIS SHEET.
 11. AT CONTRACTOR'S OPTION, USE ALTERNATE T.V. WALL BRACING DETAIL ON THIS SHEET FOR WALLS THAT DO NOT HAVE WALL BRACING EXTENDING TO 10' O. ROOF OR FLOOR DECK ABOVE. FASTENERS:
 - A. STEEL STUDS TO STEEL STUDS OR TRACKS:
 1. 20 GAUGE, #8 - 18" X 12" TYS WITH PHILIPS PAN HEAD - MIN. 2 PER CONNECTION.
 2. 18"16 GAUGE, #10 - 18" X 34" TYS WITH PHILIPS PAN HEAD - MIN. 3 PER CONNECTION.
 - B. STEEL STUDS TO WALLS TO WOOD PLYN. GRIDDERS AND BEAMS:
 1. #14 - 10 X 1/2" H.W.H. WY TYPE "M" METAL-TO-WOOD TYS AT 12" O.C. 2" FROM TRACK END
 2. 16"16 GAUGE STUDS TO STRUCTURAL STEEL (TUBESIDE FLANGE CABS, B.S.MS, GRIDDERS, ETC.).
 12. 0.145" DIA. HILTI X-EDON FASTENERS, 5/8" MIN. LENGTH TO MIN. OF 3" PIERCE THROUGH BOARD TO 26 GAUGE OR 20 GAUGE STUDS.
 13. 1/4" X 1-1/4" TYPE 182-BUGLE HEAD SCREWS FOR 3/8" TO 5/8" TO 18 GAUGE OR 16 GAUGE STUDS OR TRACKS.
 14. FIELD - 12" O.C. CEILINGS, 24" O.C. WALLS
 15. BUTT JOINTS 12" O.C.
- F. STEEL STUDS OR TRACKS TO CONCRETE:
 1. 1/45" DIA. HILTI X-EDON FASTENERS, 7" MIN LENGTH, 2 ROWS AT 16" O.C.

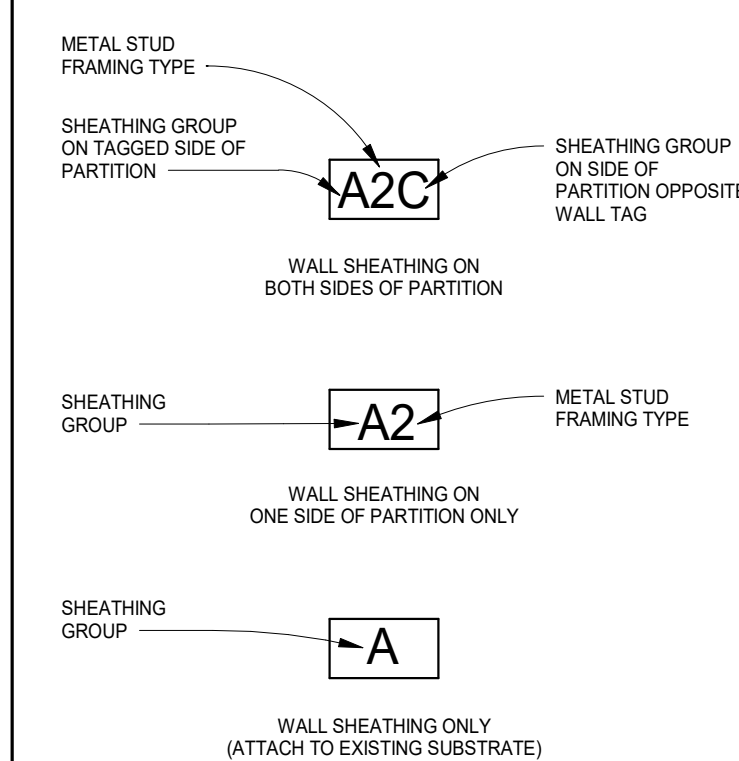


Alternate T.O. Wall Bracing Detail



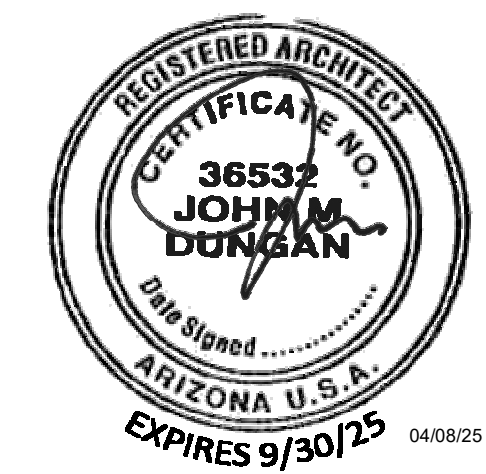
Unsheathed Wall Stabilization

WALL TYPE SYMBOL LEGEND



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Architectural Wall Types

A501



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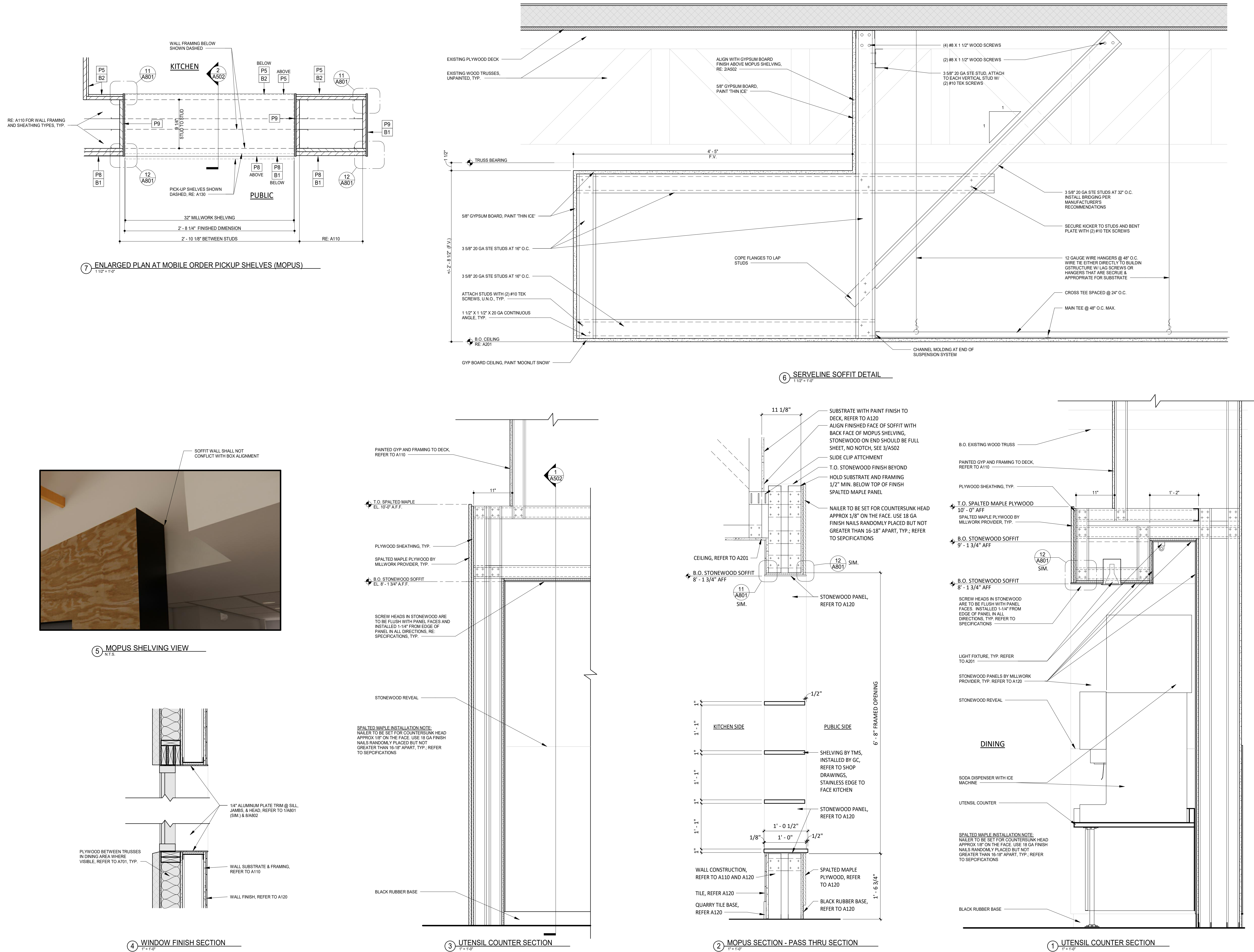
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Interior Sections

A502



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	6'-0"	7'-0"	1 3/4"	A	WIDE	PERMAFLUOR CHARCOAL	EXISTING	ALUM. STOREFRONT	PERMAFLUOR CHARCOAL	1		1,3,4,5
3	KITCHEN EXIT - SINGLE	EXISTING	3'-0"	7'-0"	1 3/4"	D	-	D1, RE: A120	EXISTING	HOLLOW METAL	D1, RE: A120	2		1,4,6. ONLY PAINT INTERIOR SIDE OF DOOR & FRAME, EXTERIOR PAINT IS EXISTING
4	FIRE RISER ENTRY - SINGLE	EXISTING	3'-0"	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
5	ADMIN - SINGLE	NEW	3'-0"	7'-0"	1 3/4"	C	-	D1, RE: A120	NEW	HOLLOW METAL	D1, RE: A120	4		
6	RESTROOM 103 - SINGLE	NEW	3'-0"	7'-0"	1 3/4"	B	-	D1, RE: A120	NEW	HOLLOW METAL	D1, RE: A120	5		
7	RESTROOM 104 - SINGLE	NEW	3'-0"	7'-0"	1 3/4"	B	-	D1, RE: A120	NEW	HOLLOW METAL	D1, RE: A120	5		

1. DOORS WITH REMARK #1 TO BE KEYPED THE SAME
2. 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
3. THERE ARE TO BE NO EXTERIOR HOLES OR CYLINDERS
4. USE NON-SHRINK STRUCTURAL GROUT BED UNDER THRESHOLD
5. BLACK DOOR SWEEPS ARE TO BE USED ON MARBOL OR DARK BRONZE STOREFRONT. LIGHT GRAY DOOR SWEEP TO BE USED WITH CLEAR ANODIZED ALUMINUM STOREFRONT
6. DOOR AND FRAME FINISHES FOR EXTERIOR DOOR APPLY ONLY TO THE INTERIOR SIDE OF EXTERIOR DOOR. RE. EXTERIOR ELEVATIONS FOR INTERIOR FINISHES

* IF STATUS IS "EXISTING" G.C. TO DETERMINE CONDITION OF EXISTING HARDWARE. IF HARDWARE IS IN POOR CONDITION,

1 MAIN ENTRY - PAIR	2 KITCHEN (REAR EXIT) - SINGLE LEAF	3 FIRE RISER ENTRY - SINGLE LEAF
EXISTING HARDWARE, VENEER HARDWARE IS EQUIVALENT AS LISTED BELOW	EXISTING HARDWARE, VENEER HARDWARE IS EQUIVALENT AS LISTED BELOW	EXISTING HARDWARE, VENEER HARDWARE IS EQUIVALENT AS LISTED BELOW

<u>EXISTING HARDWARE, VERIFY HARDWARE IS EQUIVALENT AS LISTED BELOW</u>	
(2) OFFSET PULL	HAGER, 12 US32D (8" CT)
(2) PANIC HARDWARE	FALCON 25-R-EO-US30-32 (SIZE 36")
(2) CONTINUOUS HINGE	MODEL 780-224HD-457 C/L R
(2) MORTISE CYLINDER	SCHLAGE, MODEL 80-033, BRUSHED CHROME; C.O. CYLINDER AT 34" MIN. FROM BOTTOM OF DOOR
(1) TEMP CORE	SCHLAGE, MODEL 90-110, INTERCHANGEABLE CORE, (BRUSHED CHROME)
(1) DEADBOLT	ADAMS RITE, MODEL MS1605S-310-628
(1) EXIT INDICATOR	ADAMS RITE, MODEL 505-050-130
(1) HEADER BOLT	ADAMS RITE, MODEL 4016-30-01
(1) THRESHOLD BOLT	ADAMS RITE, MODEL 4015-18-1B
(2) DOOR CLOSER	DORMA, MODEL 8916-AF89B-889 (TOP JAMB), (ALUMINUM)
(2) DOOR STOP	IVES, MF8185 (ALUMINUM)
(2) GLYNNDA STOP	GLYNNDA-JOHNSON, MODEL MS-SP28 (ALUMINUM)
(2) CLOSER BACK PLATE	DORMA, MODEL 89B8, ALUMINUM
(1) THRESHOLD	REESE, MODEL 5424A-72 (SIZE 72")
(2) SMOKE SEAL	REESE, MODEL 797B-21

EXISTING HARDWARE - VERIFY HARDWARE IS EQUIVALENT AS LISTED BELOW

1) HINGE	HAGER, MODEL 780-2244-837-CLR FALCON 25-R-40-4-US28 (SIZE: 42")
2) PANIC HARDWARE	FALCON, MODEL 5150-40-4-US28D, ALUMINUM (EXTERIOR SIDE)
3) PULL HARDWARE	GLS, MODEL RC1C-7LZ-626
4) RIM CYLINDER	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE (BRUSHED CHROME)
5) TEMP COIL	DORMA, MODEL 8916-AF89-89 (TOP JAMB), ALUMINUM
6) DOOR CLOSER	DORMA, MODEL BPS6, ALUMINUM
7) CLOSER BACK PLATE	REESE, MODEL S239A-42 (SIZE: 42")
8) THRESHOLD	REESE, MODEL DS75C-4070, (SIZE 21")
9) WEATHERSTRIP	IVES, MODEL SR64
10) DOOR SILENCERS	DOOR, MODEL U688260, C/O VIEWER AT 60" FROM BOTTOM OF DOOR
11) DOOR KICKER	HAWATHA, MODEL KP834-US38D
12) KICKPLATE	

EXISTING HARDWARE: VERIFY HARDWARE IS EQUIVALENT AS LISTED BELOW	
(3) HINGE	STANLEY, MODEL FBB179-4.5-US26D (06-8438)
(1) LOCK SET	SCHLAGE, MODEL AL80BD SAT 626
(1) TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE (BRUSHED CHROME)
(1) DOOR STOP	DON-JO, 1407-630
(1) KICKPLATE	HIAWATHA, MODEL KP834-US32D

(1) DOOR SWEEP PEMKO, MODEL SFSC-200-36 (36" DOOR)

(2) DOOR SWEEP PEMKO, MODEL SFSC-200-36 (36" DOOR)

(1) DOOR BUZZER	HEATH ZENITH #SL-170 OR EQUAL
(1) DOOR SWEEP	PEMCO, MODEL SFSC-200-42 (42" DOOR, BLACK)
(1) DOOR BUTTON	HEATH ZENITH #SL-704 OR EQUAL

(3) HINGE	STANLEY, MODEL FBB179-4.5-US26 (06-8438)
(1) LOCKSET	SCHLAGE, MODEL L9453L-06A-626
(1) TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGABLE CORE (BRUSHED CHROME)
(1) KICKPLATE	HIWAHUA, MODEL KP834-US32D
(1) DOOR STOP	DON-JO, MODEL 1407-630, STAINLESS STEEL
(3) DOOR SILENCERS	IVES, MODEL SR64
(1) SECURITY WINDOW	AIR LOUVERS, MODEL VSL1222TEMPAK SLIMLINE 12" x 12" x 1/4" LITE KIT (10" x 10" GLASS VISIBILITY, PAINT BLACK TO MATCH DOOR)

(3)	HINGE	STANLEY, MODEL FBB1794-4-5-US26 (06-8438)
(1)	CLOSER	FALCON, MODEL: SC61rWR/PaXaLU
(1)	LOCKSET	SCHLAGE, MODEL AL40S NEP 626
(1)	DOOR STOP	DON-JO, 1407-630
(3)	DOOR SILENCERS	IVES, MODEL SR64
(2)	KICK PLATE	HIAWATHA, MODEL KP834-US32D
(1)	COAT HOOK	MILLS MODEL FT6519, SUPPLIED BY WASHROOM ACCESSORIES VENDOR, MOUNT T.O. HOOK AT 47 1/2" A.F.F.

[illegible]

Diagram illustrating the dimensions and door schedule references for Frame Type 1. The frame is shown in a cross-section view. The width is labeled Z'' and the height is labeled h_1 . The door schedule is indicated as "RE: DOOR SCHEDULE".

FRAME TYPE 1

NOTE:

1. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
2. LATCHES, HANDLES, PANIC BARS AND ALL DOOR HARDWARE WILL COMPLY WITH SECTION 7.2 OF NFPA 101 PER THE SPECIFICATIONS.
3. THE MANAGER HAS A KEY TO UNLOCK RESTROOM DOORS, FROM THE OUTSIDE IN THE CASE OF AN EMERGENCY.
4. ALL DOORS ARE TO REMAIN UNLOCKED DURING BUSINESS HOURS.
5. RE: THIS SHEET FOR EXTERIOR DOOR SIGAGE INFORMATION.
6. 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.
7. ALL INTERIOR HOLLOW METAL DOORS, HOLLOW METAL DOOR FRAMES, AND DOOR HARDWARE (EXCEPT WOOD PULLS/PUSHES PROVIDED BY TENANT MILLWORK SUPPLIER) ARE PROVIDED BY CHAPOTLE'S HARDWARE SUPPLIER AND INSTALLED BY TENANT G.C. CONTACT ANDY SNYDER WITH TWIN CITY CITY HARDWARE AT 783-762-4860 (EMAIL: ASNYDER@TCHCO.COM) TO ARRANGE DELIVERY.
8. THE BOTTOM 18 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.
9. ALL SUPPORT SIGNAGE PROVIDED BY TENANT'S SUPPORT SIGNAGE SUPPLIER AND INSTALLED BY G.C.
10. ALL GLAZING IN DOORS SHALL BE CLEAR, TEMPERED SAFETY GLAZING.

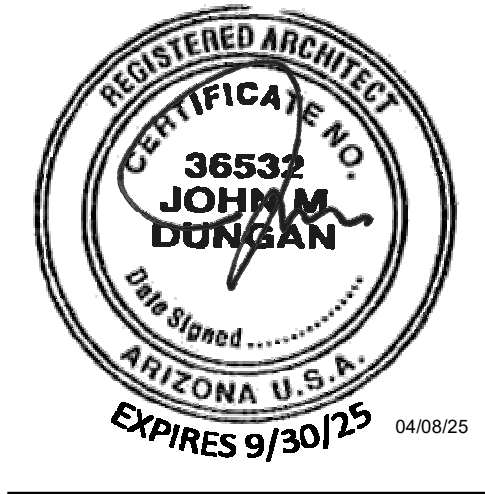
Diagram illustrating the installation of a DORMA door closer onto a head jamb. The diagram shows the door, the door closer, and the head jamb. A note indicates that the head jamb dimension is less than 2 inches.

Labels in the diagram:

- STOREFRONT
- INSTALL CLOSER ONTO HEAD JAMB AS SHOWN - INSTALL W/ OPTIONAL BACK PLATE WHERE HEAD JAMB DIMENSION IS LESS THAN 2"
- DORMA DOOR CLOSERS, INC. DOOR CLOSER MODEL #8916-AF8U BP89
- DOOR - REFER TO SCHEDULE

TOP JAMB MOUNT INSTALLATION. (NOTE THAT BACKPLATE IS MISSING IN THIS INSTALLATION BECAUSE HEAD JAMB IS OF ADEQUATE HEIGHT TO RECEIVE ALL MOUNTING SCREWS WITHOUT IT.) WHEN IN DOUBT ABOUT THE HEAD JAMB DIMENSION OR STABILITY, ORDER THE BACKPLATE. THE CLOSER SHOWN IN THE DIAGRAM ABOVE IS NOT THE EXACT DIMENSION SHOWN ON THIS CLOSER. THE ACTUAL DIMENSION OF THE CLOSER IS SHOWN IN THE SCHEDULE.

A601



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Pebble Creek & McDowell

Store No. 5637

15600 W McDowell Road
Goodyear, AZ 85395

Issue Record:	
04/08/25	Permit Issue
06/27/25	Construction Issue

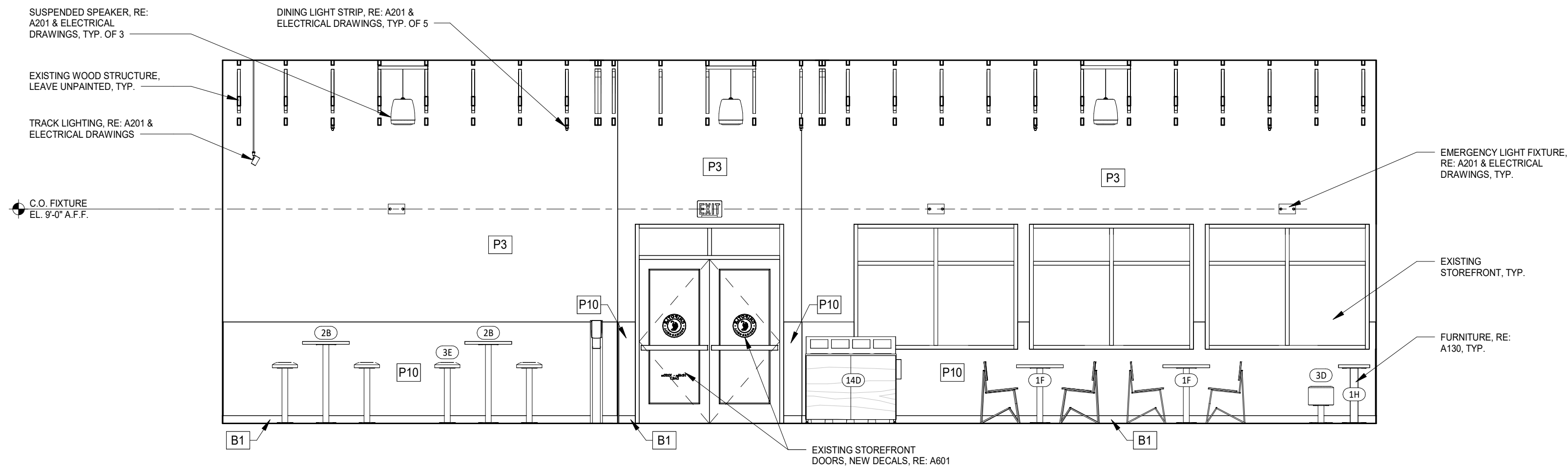
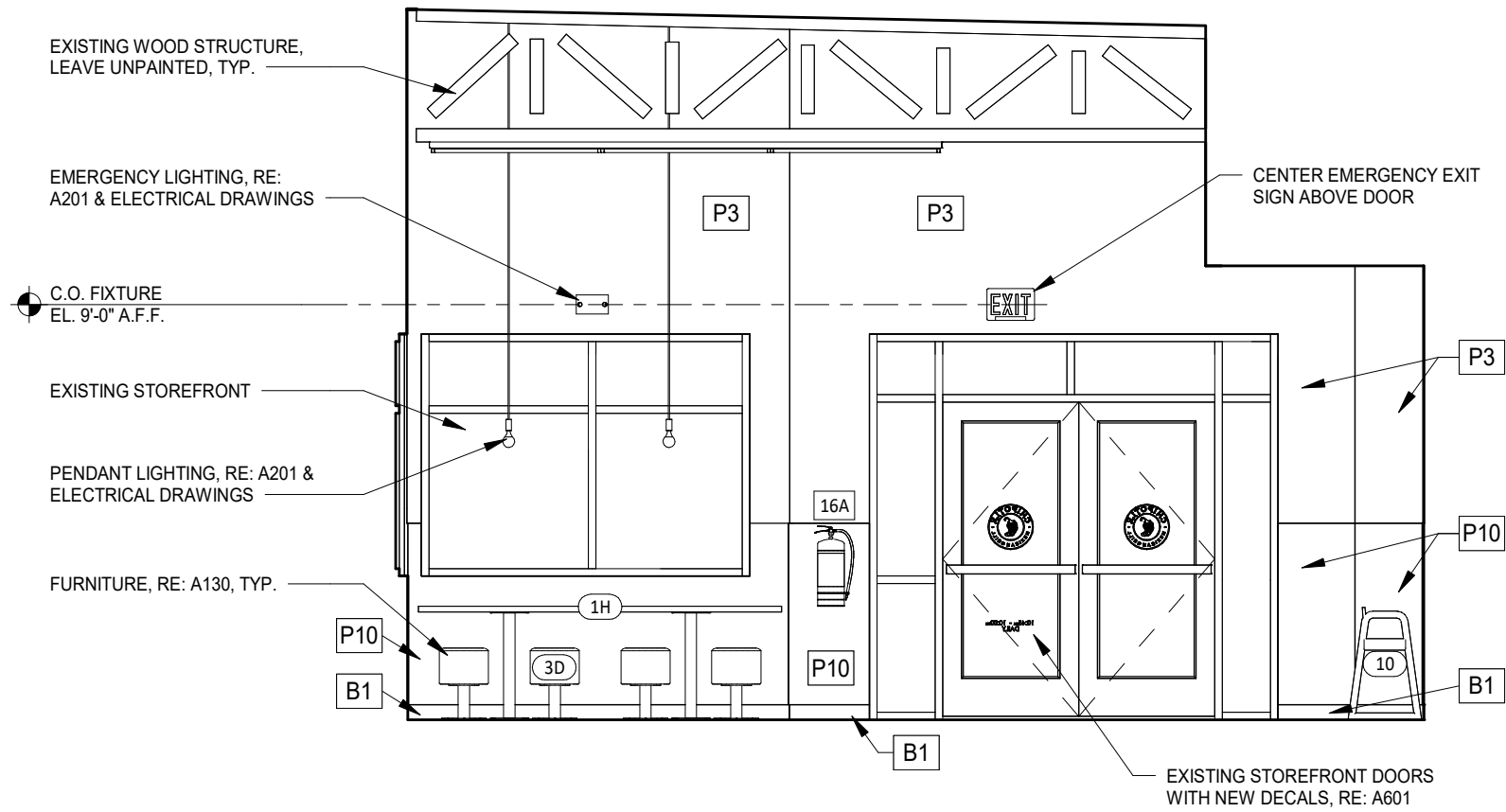
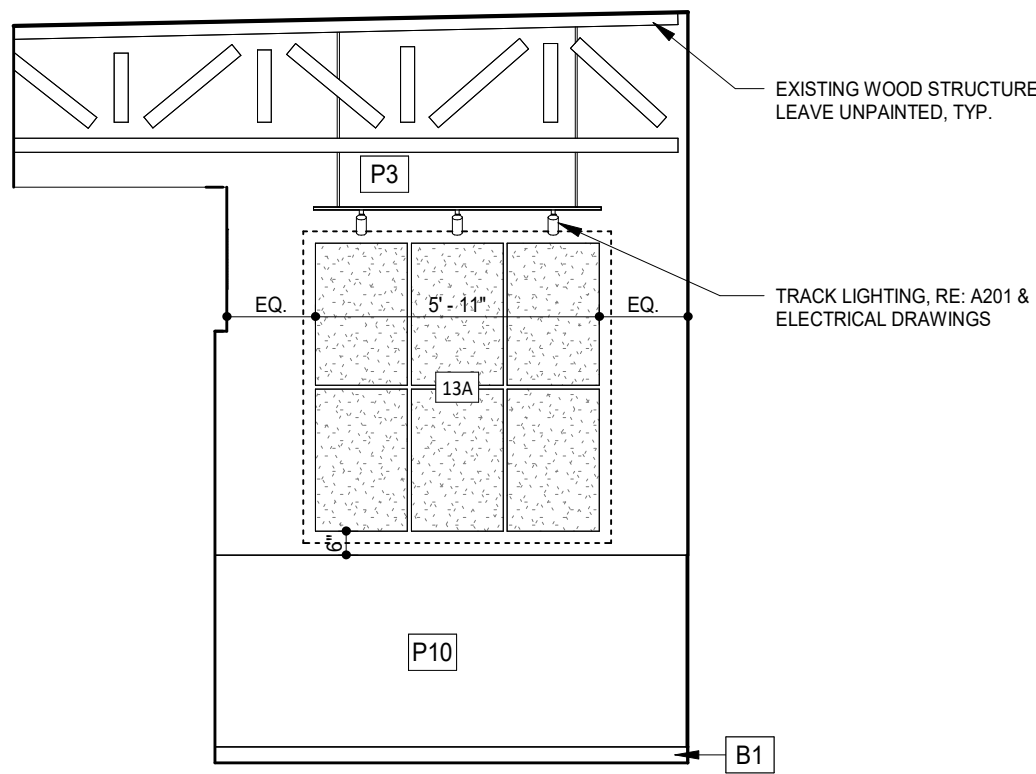
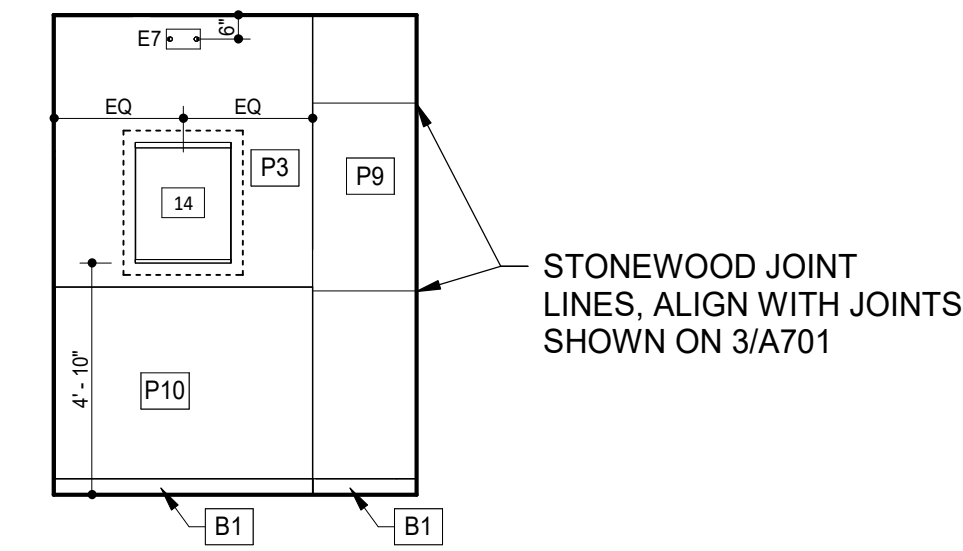
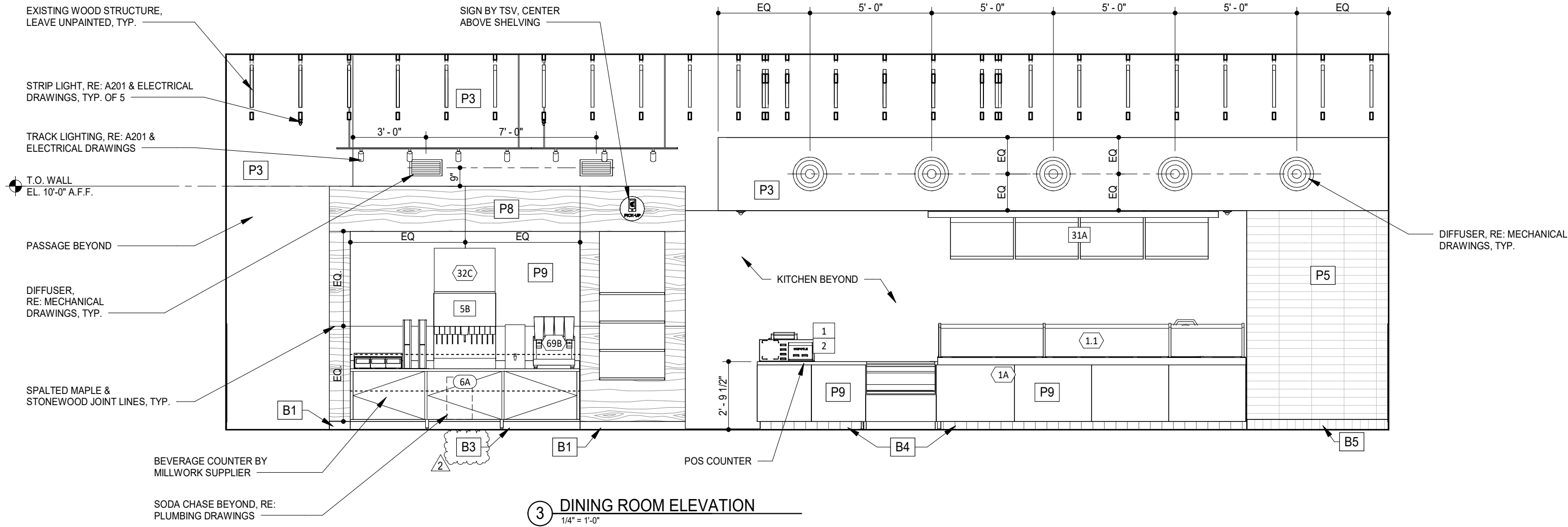
Revisions:	
06/27/2025	Health Comments / DB02

Project No.
01818

Elevations - Interior Dining

A701

WALL BASE FINISHES		WALL FINISHES		DOOR FINISHES	
B1	4" BLACK RUBBER - NO COVE, RE: 4A/A801	P1	PLYWOOD BETWEEN TRUSSES, VERTICAL GRAIN, RE: 5A/A802	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	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		
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: 5A/A801		
		P10	STONEWOOD WANSLOT, RE: 2.3, 168 19/A801		
		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.			





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Revisions:
05/23/2025 City Comments
06/27/2025 Health Comments / DB02

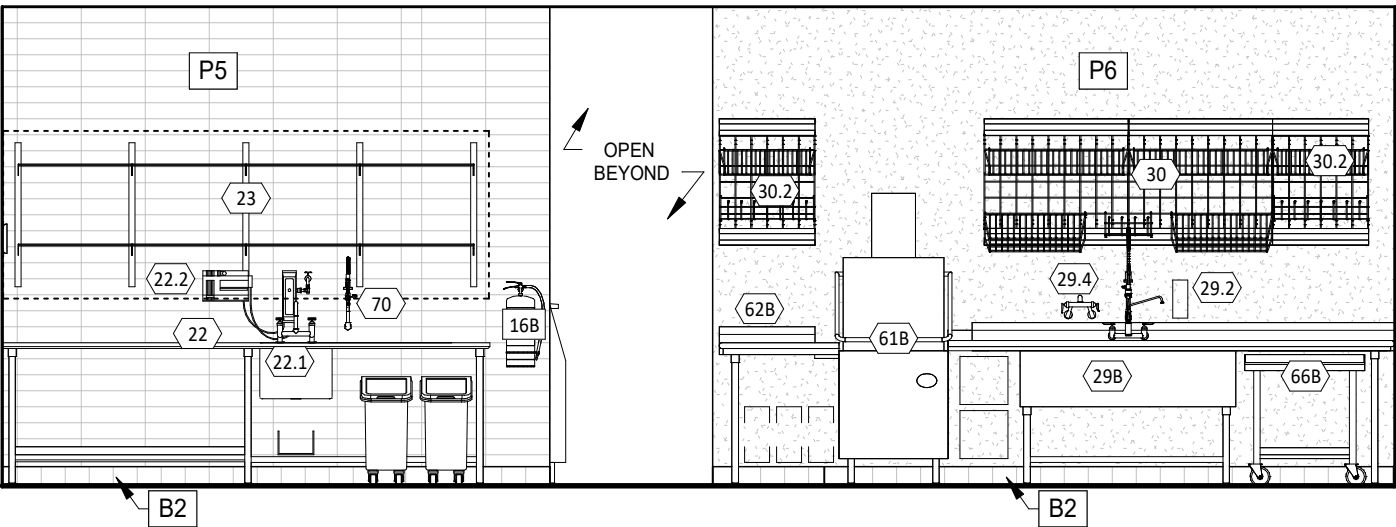
Project No.
01818

Elevations - Interior
Kitchen

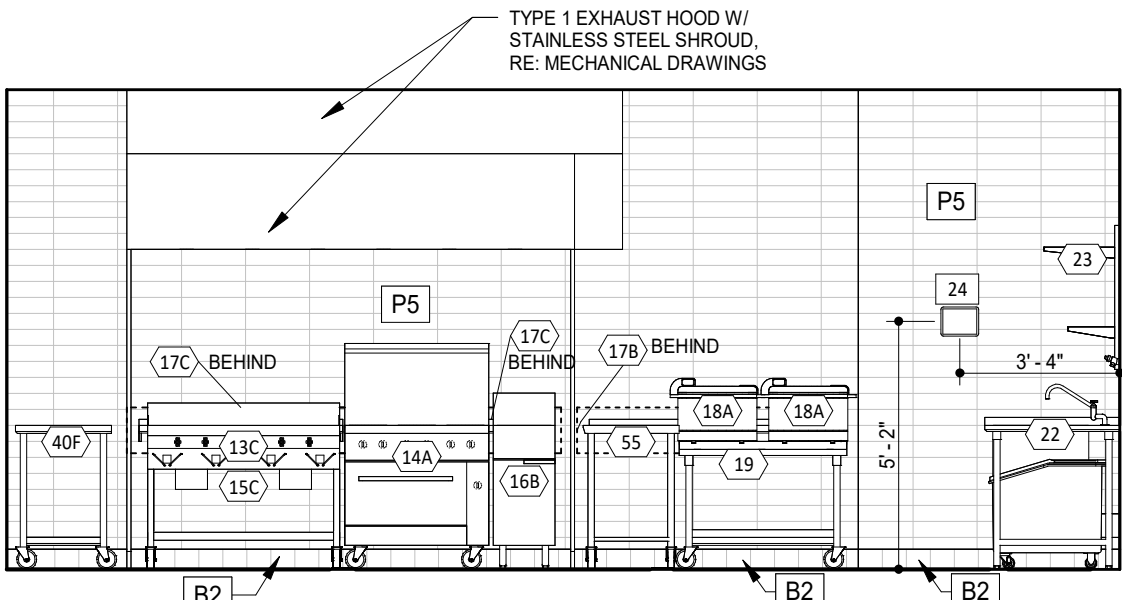
A702

FINISH LEGEND

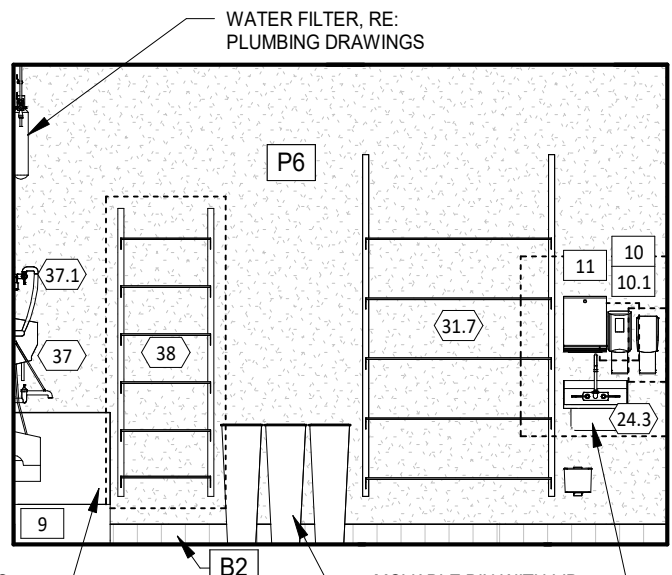
WALL BASE FINISHES		WALL FINISHES		DOOR FINISHES	
B1	4" BLACK RUBBER - NO COVE, RE: 48/A801	P1	PLYWOOD BETWEEN TRUSSES, VERTICAL GRAIN, RE: 5/A802	D1	PAINT "BLACK"
B2	QUARRY TILE WITH COVE, RE: 4-7/A802 & 19/A802	P2	FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)	D2	PAINT "KNIGHTS' ARMOR"
B3	4" BLACK RUBBER BASE WITH COVE, RE: 18/A801	P3	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		
B5	CERAMIC TILE BASE, RE: 3/A802	P5	CERAMIC TILE - WHITE, RE: A802		
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		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.O.O.			



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

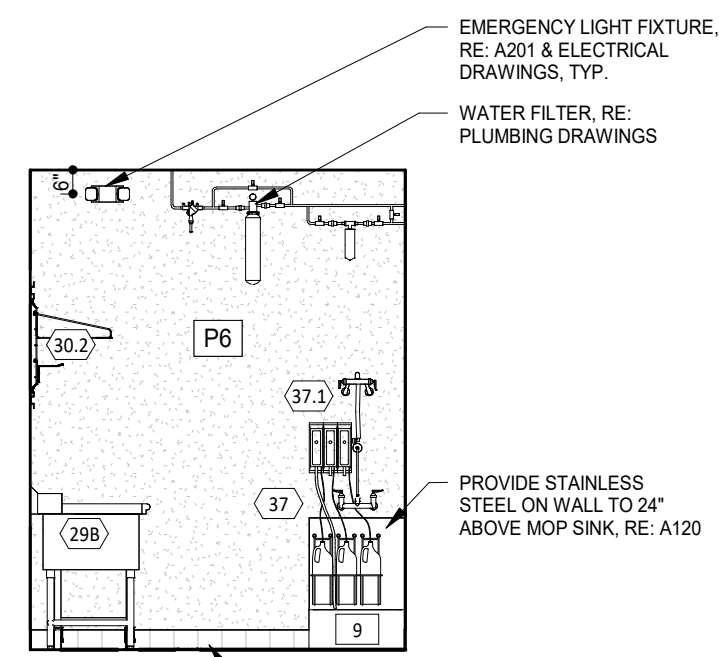


9 KITCHEN ELEVATION
1/4" = 1'-0"

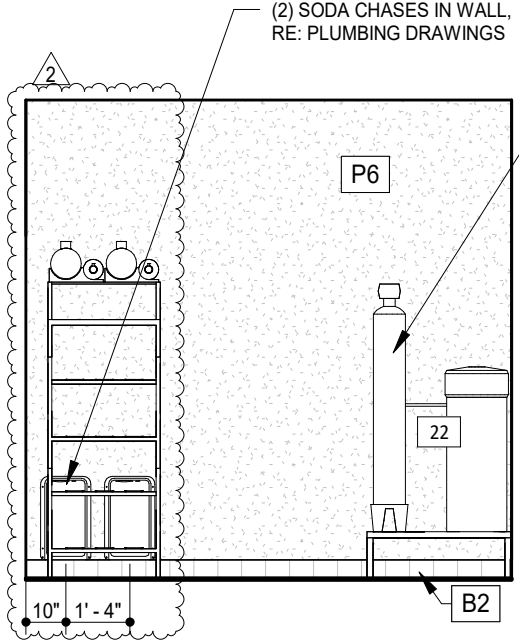


15 KITCHEN ELEVATION
1/4" = 1'-0"

WATER FILTER, RE: PLUMBING DRAWINGS
PROVIDE STAINLESS STEEL ON WALL TO 24" ABOVE MOP SINK, RE: A120, 4/A702 & 3/A801
MOVABLE BIN WITH LID, TYP. OF 3
HAND SINK, RE: 3/A702

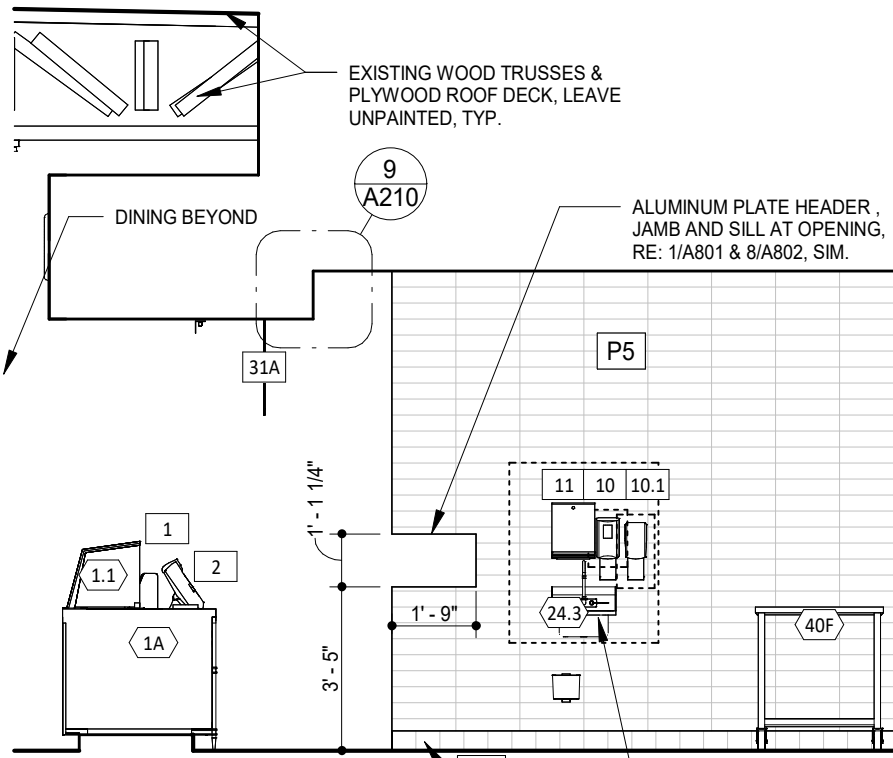


14 KITCHEN ELEVATION
1/4" = 1'-0"

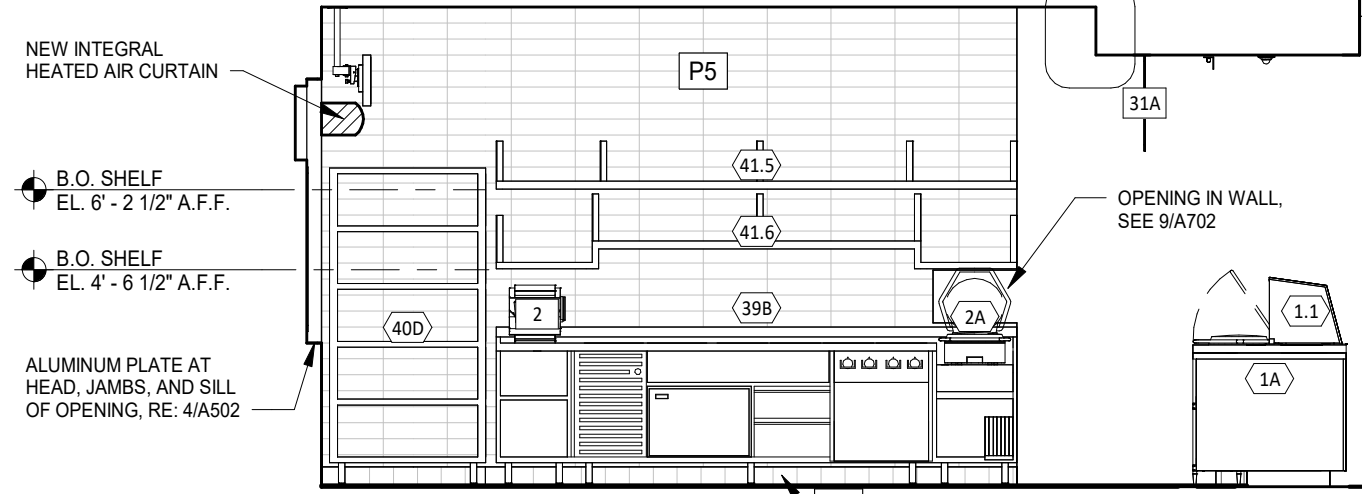


13 KITCHEN ELEVATION
1/4" = 1'-0"

WATER SOFTENER, RE: PLUMBING DRAWINGS
(2) SODA CHASES IN WALL, RE: PLUMBING DRAWINGS

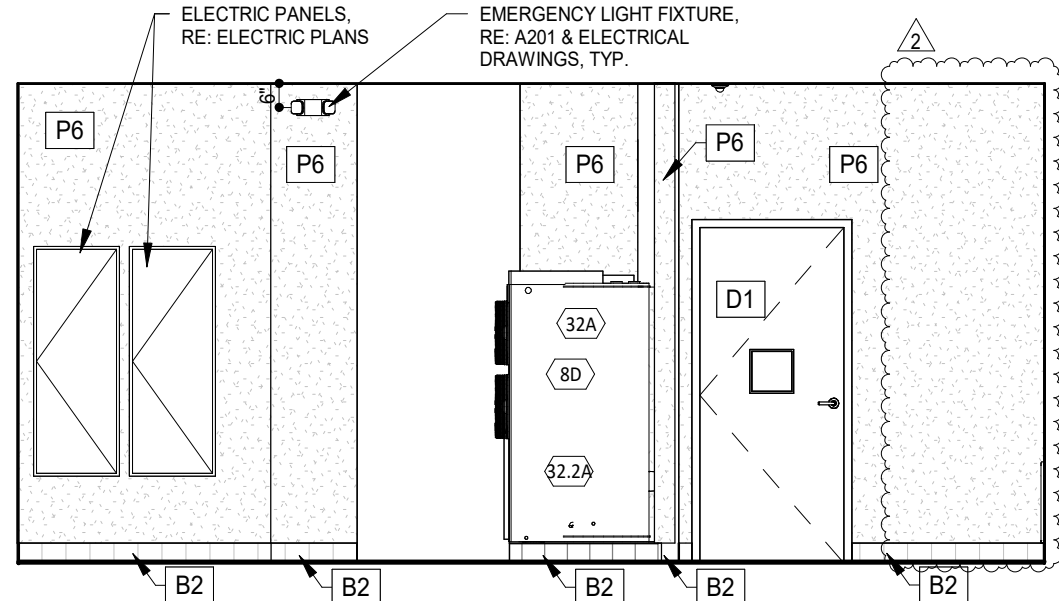


8 KITCHEN ELEVATION
1/4" = 1'-0"

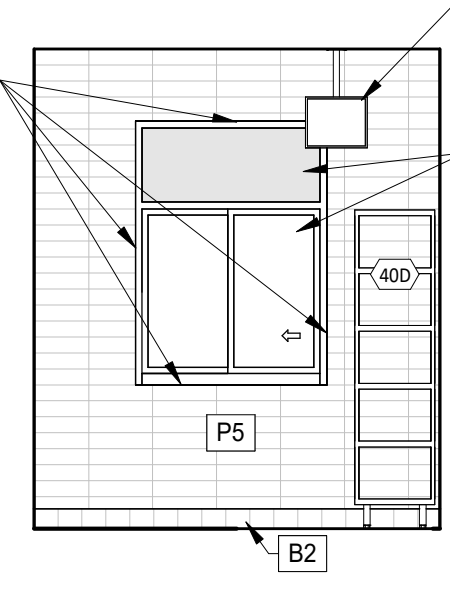


7 KITCHEN ELEVATION
1/4" = 1'-0"

NEW INTEGRAL HEATED AIR CURTAIN
B.O. SHELF EL. 6' - 2 1/2" A.F.F.
B.O. SHELF EL. 4' - 6 1/2" A.F.F.
ALUMINUM PLATE AT HEAD, JAMBS, AND SILL OF OPENING, RE: 4/A802

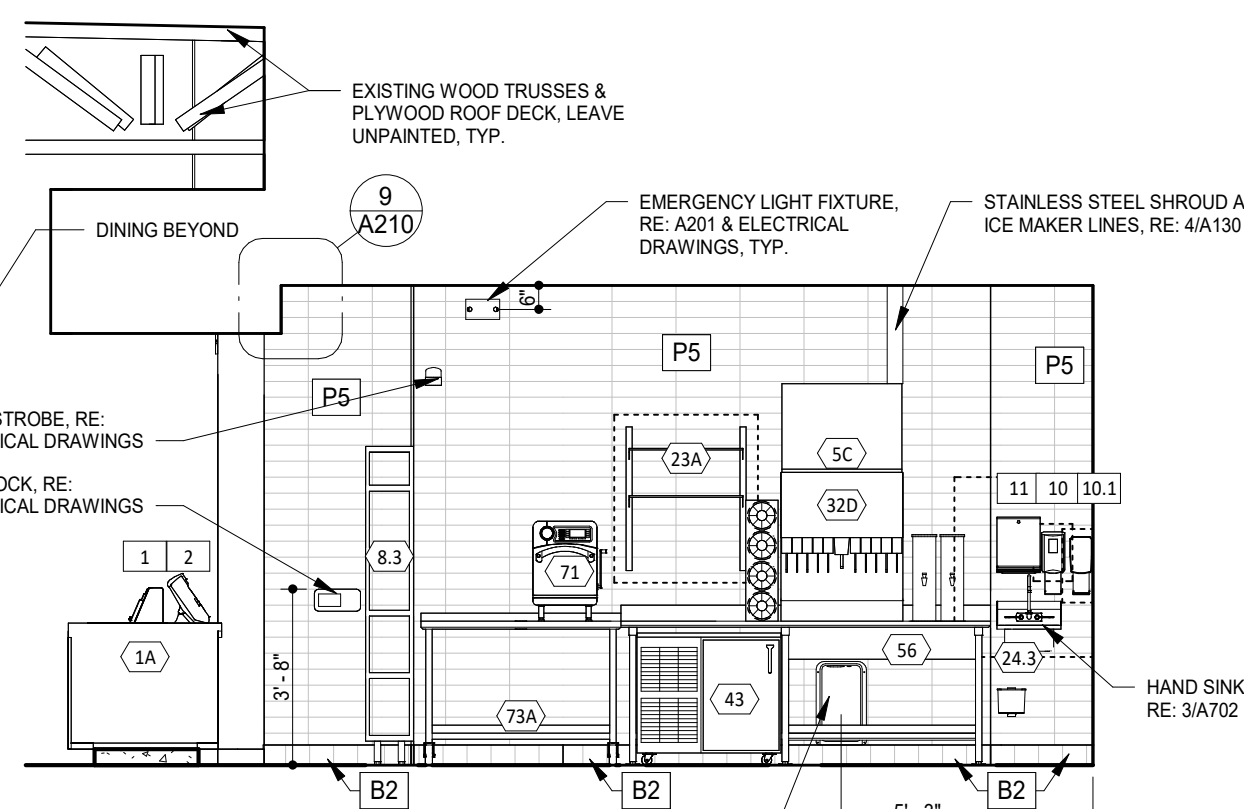


12 KITCHEN ELEVATION
1/4" = 1'-0"



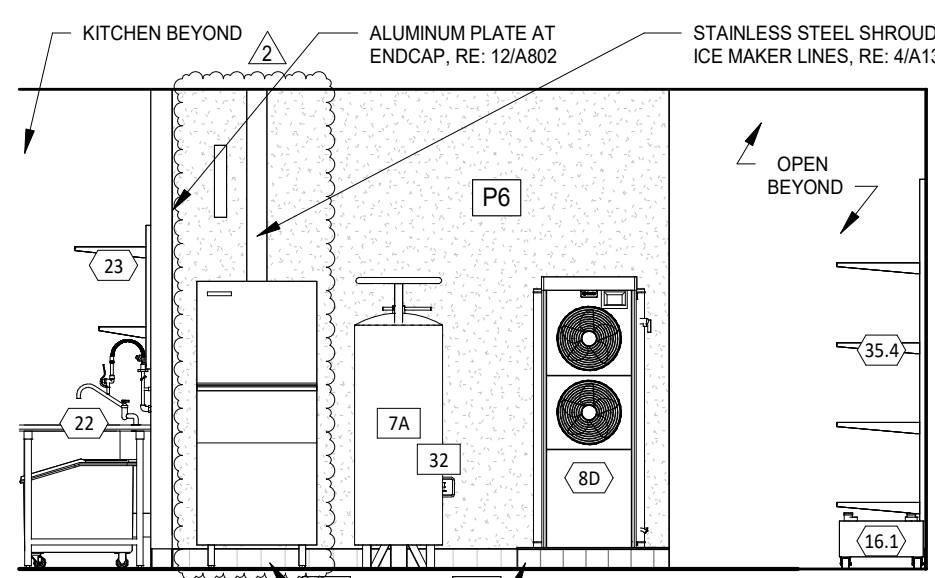
6 KITCHEN ELEVATION
1/4" = 1'-0"

MONITOR, INSTALLED BY TENANT'S VENDOR
EXISTING PASS-THRU WINDOW, INSTALL NEW HEATED AIR CURTAIN, QUIKSERV MODEL LPV225-QS-CHF-25
ALUMINUM PLATE AT HEAD, JAMBS, AND SILL OF OPENING, RE: 4/A802

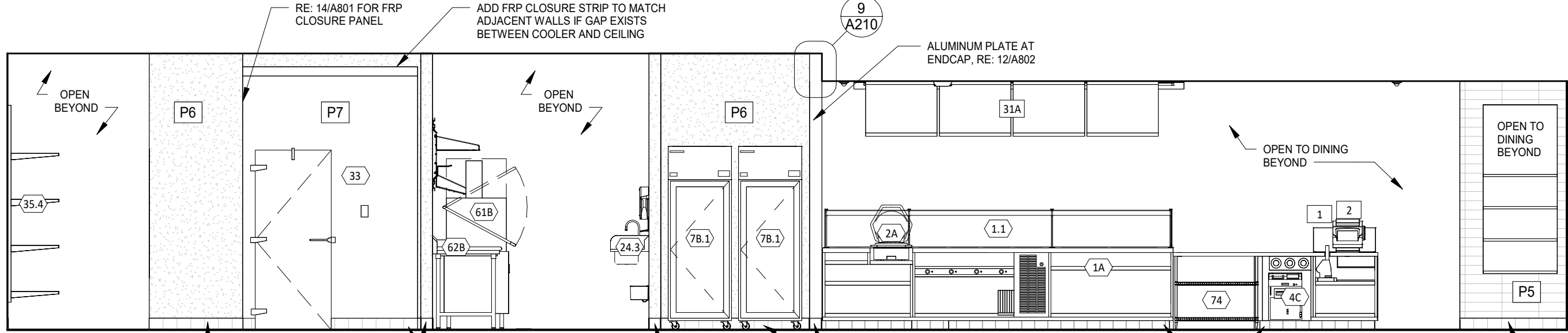


5 KITCHEN ELEVATION
1/4" = 1'-0"

EXISTING WOOD TRUSSES & PLYWOOD ROOF DECK, LEAVE UNPAINTED, TYP.
DINING BEYOND
CHIME/STROBE, RE: ELECTRICAL DRAWINGS
TIMECLOCK, RE: ELECTRICAL DRAWINGS
EMERGENCY LIGHT FIXTURE, RE: A201 & ELECTRICAL DRAWINGS, TYP.
STAINLESS STEEL SHROUD AT ICE MAKER LINES, RE: 4/A130
HAND SINK, RE: 3/A702
SODA CHASE, RE: PLUMBING DRAWINGS

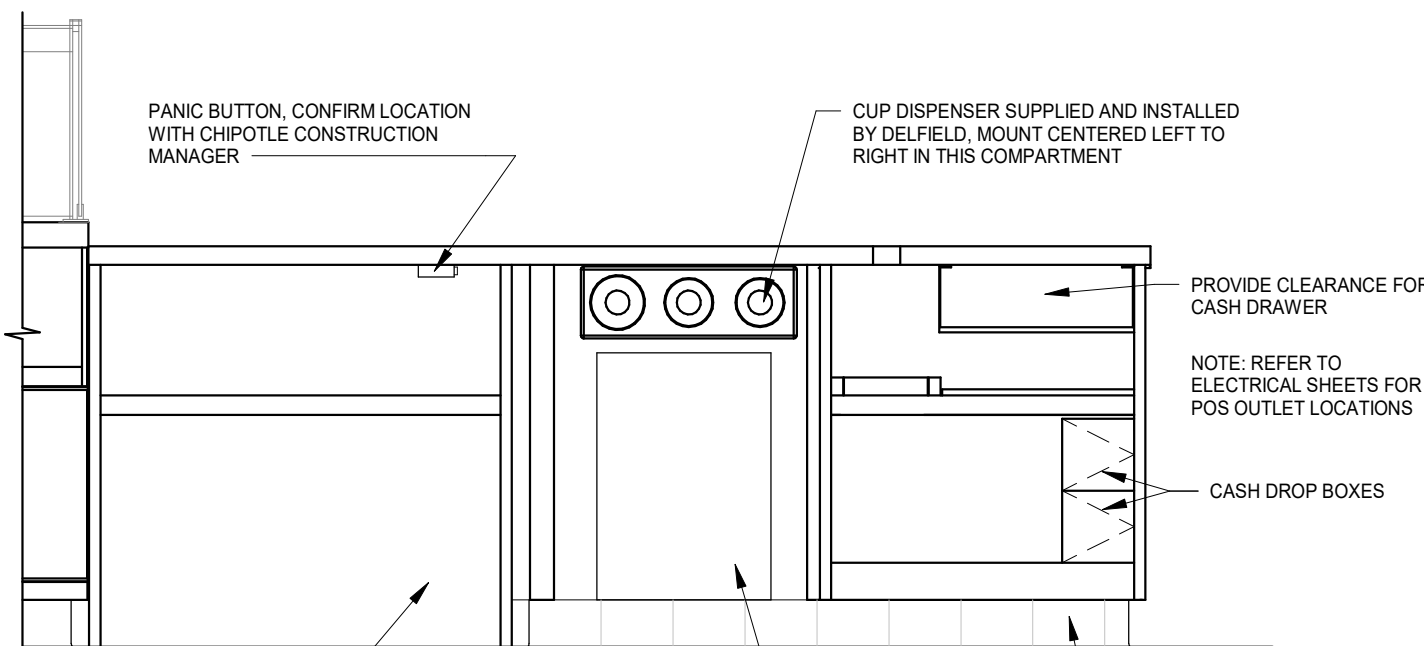


11 KITCHEN ELEVATION
1/4" = 1'-0"



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

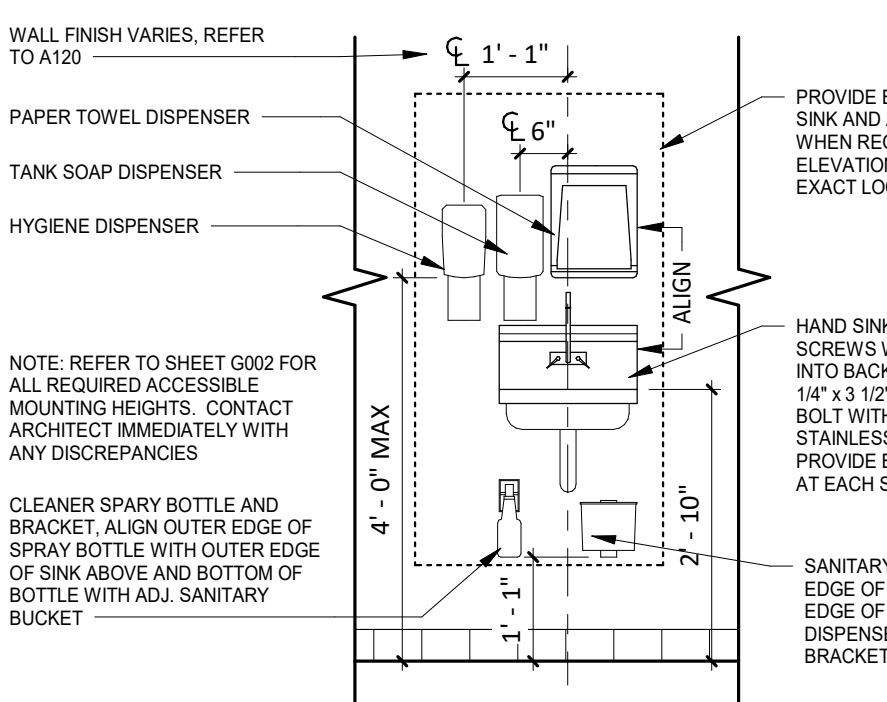
RE: 14/A801 FOR FRP CLOSURE PANEL
ADD FRP CLOSURE STRIP TO MATCH ADJACENT WALLS IF GAP EXISTS BETWEEN COOLER AND CEILING
ALUMINUM PLATE AT END CAP, RE: 12/A802



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

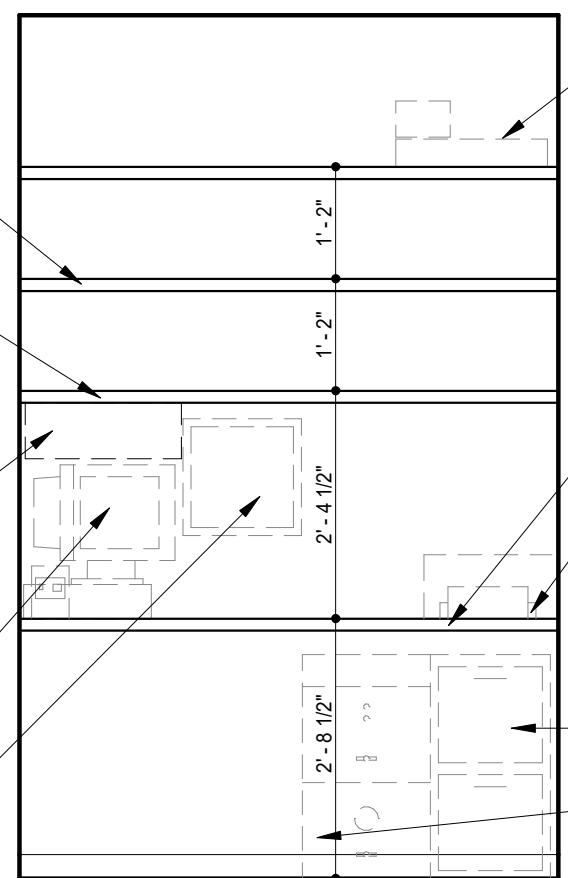
PANIC BUTTON, CONFIRM LOCATION WITH CHIPOTLE CONSTRUCTION MANAGER
CUP DISPENSER SUPPLIED AND INSTALLED BY DELFIELD, MOUNT CENTERED LEFT TO RIGHT IN THIS COMPARTMENT
PROVIDE CLEARANCE FOR CASH DRAWER
NOTE: REFER TO ELECTRICAL SHEETS FOR POS OUTLET LOCATIONS
CASH DROP BOXES
SMART SAFE
QUARRY TILE BASE ON CURB, SEAL TO EQUIPMENT

*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"

WALL FINISH VARIES, REFER TO A120
PAPER TOWEL DISPENSER
TANK SOAP DISPENSER
HYGIENE DISPENSER
PROVIDE BLOCKING BEHIND HAND SINK AND ASSOCIATED OBJECTS WHEN REQUIRED, REFER TO ELEVATIONS ON THIS SHEET FOR EXACT LOCATIONS
HAND SINK, INSTALL TWO (2) SCREWS WITH FINISH GROMMETS INTO BACKSPLASH. SCREWS TO BE 1/4" X 3 1/2" STAINLESS STEEL LAG BOLT WITH OVAL HEAD AND STAINLESS STEEL TRIM WASHER. PROVIDE BLOCKING AS REQUIRED AT EACH SCREW LOCATION
SANITARY BUCKET, ALIGN OUTER EDGE OF BUCKET WITH OUTER EDGE OF PAPER TOWEL DISPENSER ABOVE. MOUNT B.O. BRACKET AS SHOWN.
CLEANER SPARY BOTTLE AND BRACKET, ALIGN OUTER EDGE OF SPRAY BOTTLE WITH OUTER EDGE OF SINK ABOVE AND BOTTOM OF BOTTLE WITH ADJ. SANITARY BUCKET
NOTE: REFER TO SHEET G002 FOR ALL REQUIRED ACCESSIBLE MOUNTING HEIGHTS. CONTACT ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES



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

3/4" WHITE MELAMINE SHELVES WITH 16" STANDARDS AND 36" BRACKETS, SECURE THROUGH STUD WITH 2 1/2" WOOD SCREWS
PROVIDE BLOCKING BEHIND ALL SHELVEING, SEE SHEET A110 GENERAL NOTES
(1) UNDERCOUNTER WIRE SHELVES FOR DSL EQUIPMENT BY TENANT
15" MONITOR AND SERVER INSTALLED BY TENANT
COLOR LCD SECURITY MONITOR BY TENANT W/ VMP LCD-1 MOUNTING ARM
STEREO, HI/FI RECEIVER BY TENANT
NOTE: COUNTERTOP AND SHELVEING PROVIDED BY TMS, INSTALLED BY G.C.
1 1/2" PLASTIC LAMINATE COUNTERTOP WITH WHITE METAL BRACKETS
PRINTER/FAX/COPIER PROVIDED BY TENANT
2 DRAWER LOCKABLE FILE CABINET BY TENANT
SAFE

RESTROOM ACCESSORY SCHEDULE

ITEM #	DESCRIPTION	MFGR	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	Vandal Proof Mirror	Sentry Mirror	20" x 30" Vandal Proof Mirror	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					47 1/2" AFF to Top of Unit	
7	Recessed Toilet Paper Dispenser	ASI	OC51	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 Bolt 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	Rough Opening: 16"W x 54 3/4"H x 4" D, 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	See MEP	See MEP	2	GC	GC					Mount Bottom of Front Edge Of The Sink At Exactly 29" AFF	To Be Furnished With .5 GPM Aerator Installed, Thermostatic mixing valve is also included.
14.1	Restroom Hand Sink Faucet	Chicago Faucets	3520-E2805ABCP	2	KES	GC					Align T.O. Unit With T.O. Soap Dispenser	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
15	Hand Sanitizer Dispenser	Purell	ES8	2	WA	GC					Mount Bottom of Open Changing Bed at Exactly 27" AFF	
16A	Surface Mounted Horizontal Baby Changing Station	Koala Care	KB300-05	2	WA	GC						

FINISH LEGEND

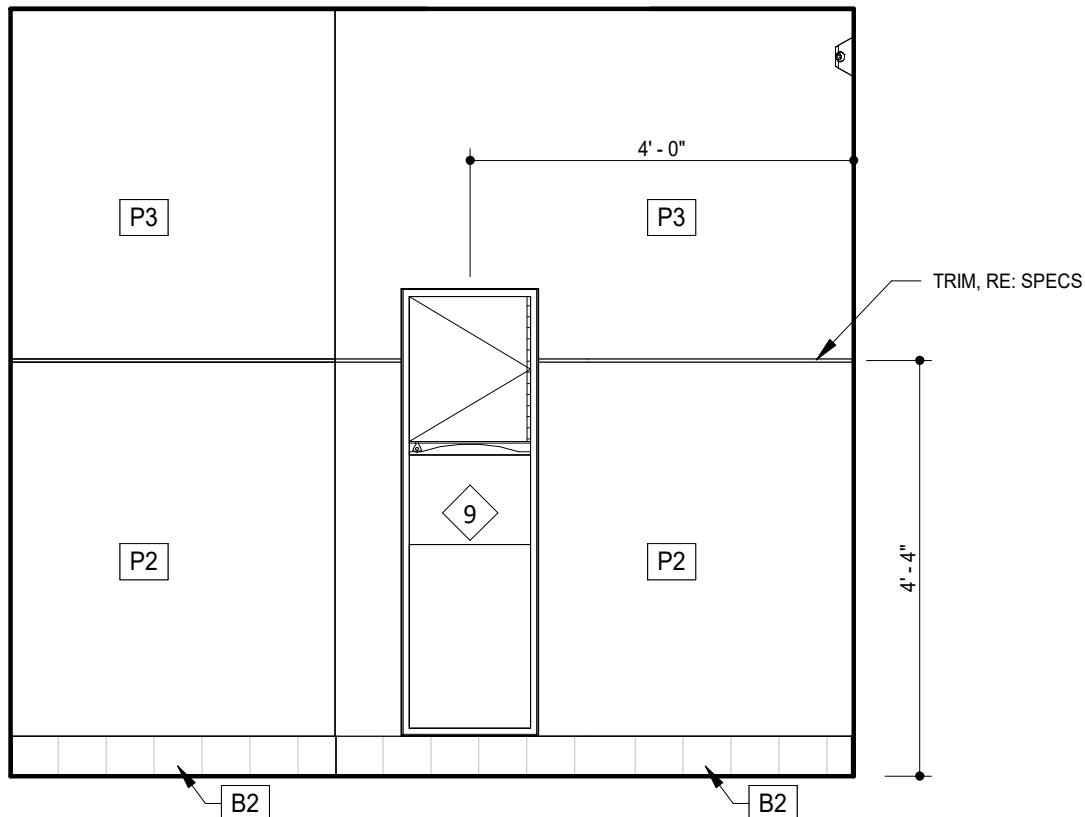
WALL BASE FINISHES		WALL FINISHES		DOOR FINISHES	
B1	4" BLACK RUBBER - NO COVE, RE: 465/A801	P1	PLYWOOD BETWEEN TRUSSES, VERTICAL GRAIN, RE: 5/A502	D1	PAINT "BLACK"
B2	QUARRY TILE WITH COVE, RE: 4-7/A802 & 19/A802	P2	FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)	D2	PAINT "KNIGHT'S ARMOR"
B3	4" BLACK RUBBER BASE WITH COVE, RE: 18/A801	P3	GYPSUM BOARD, PAINT "THIN ICE", EGGSHELL, REFER TO T01 AND A710		
B4	QUARRY TILE - NO COVE, RE: 2/A802	P4	GYPSUM BOARD, PAINT "THIN ICE", SEMI-GLOSS		
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 BRASS METAL, EXISTING		
		P13	ALUMINUM STOREFRONT, EXISTING		

GENERAL NOTES

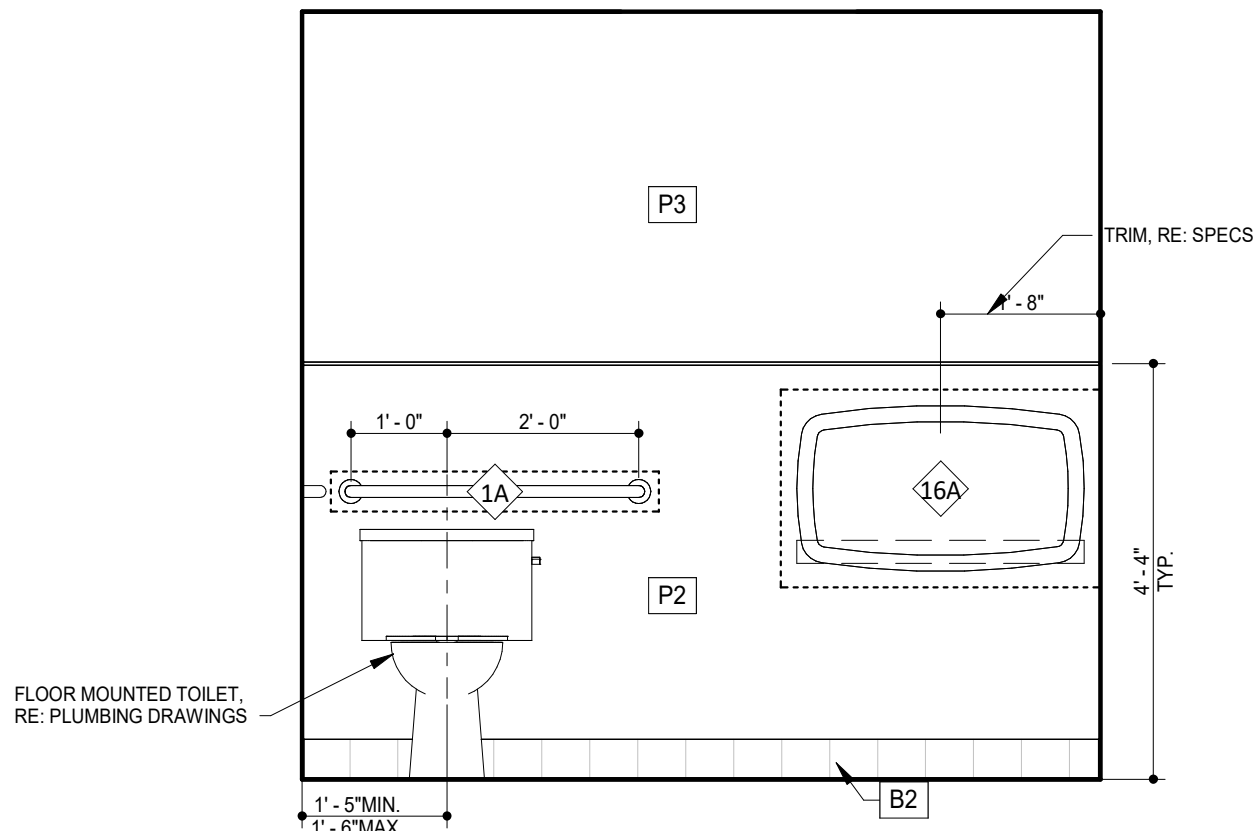
- ALL DIMENSIONS ARE TO FINISHED FACE OF WALL, CENTER OF FIXTURE, OR EDGE OF FIXTURE, U.N.O.
- ALL ACCESSORIES SHALL BE BY MANUFACTURER NOTED IN RESTROOM ACCESSORY SCHEDULE OR TENANT APPROVED EQUAL.
- PROVIDE SOLID WOOD BLOCKING AS NECESSARY FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS.

ELEVATION LEGEND

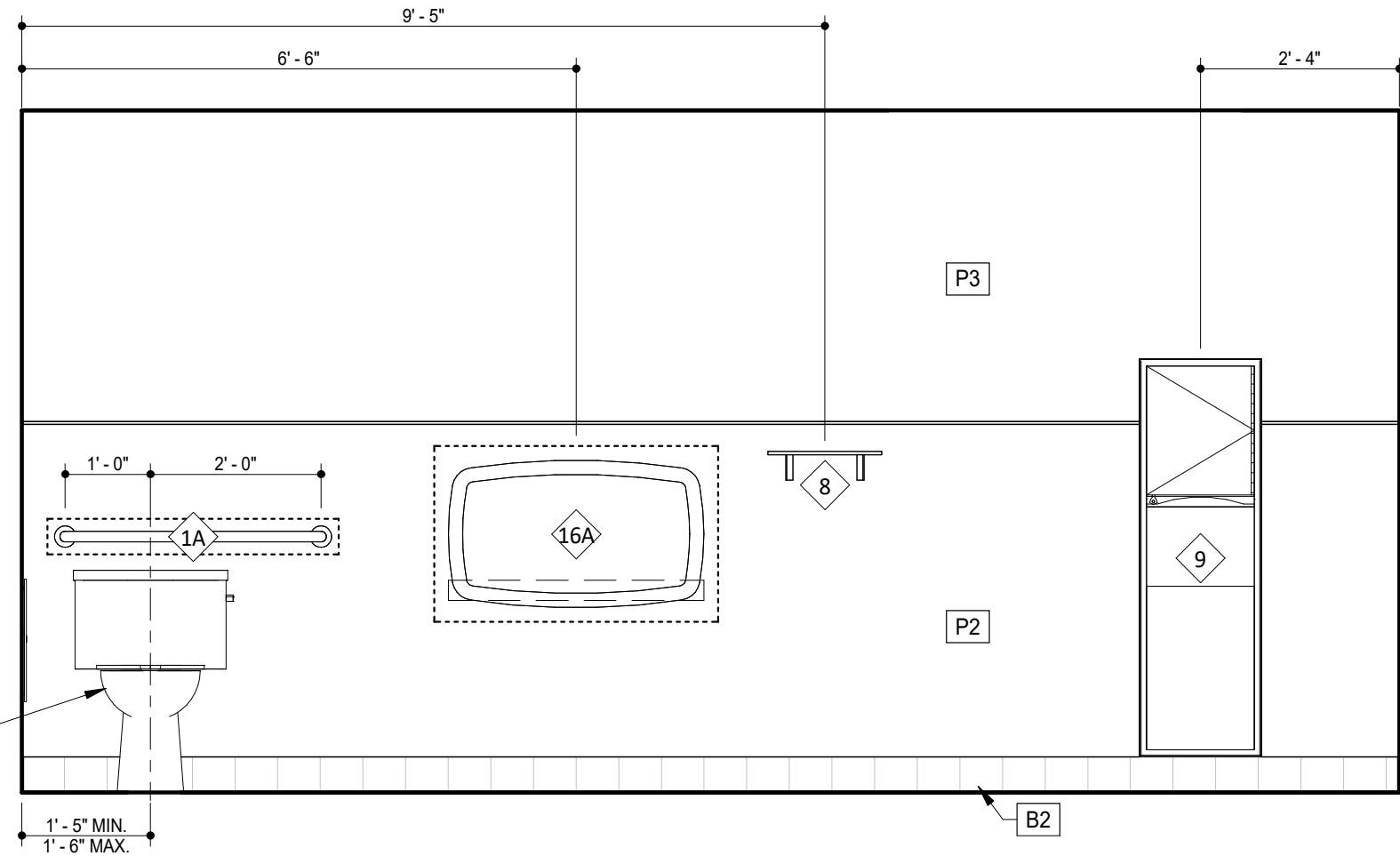
--- DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.



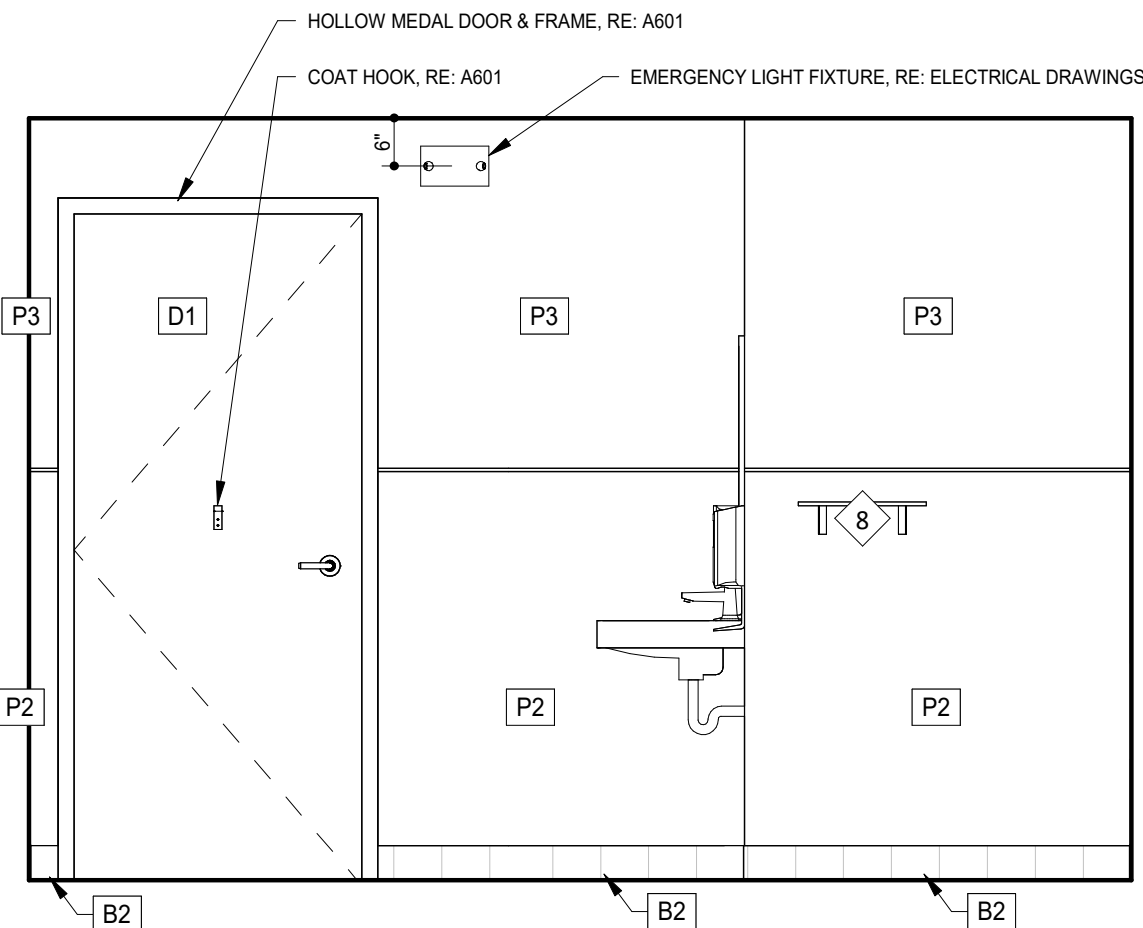
10 RESTROOM 104 ELEVATION
1/2" = 1'-0"



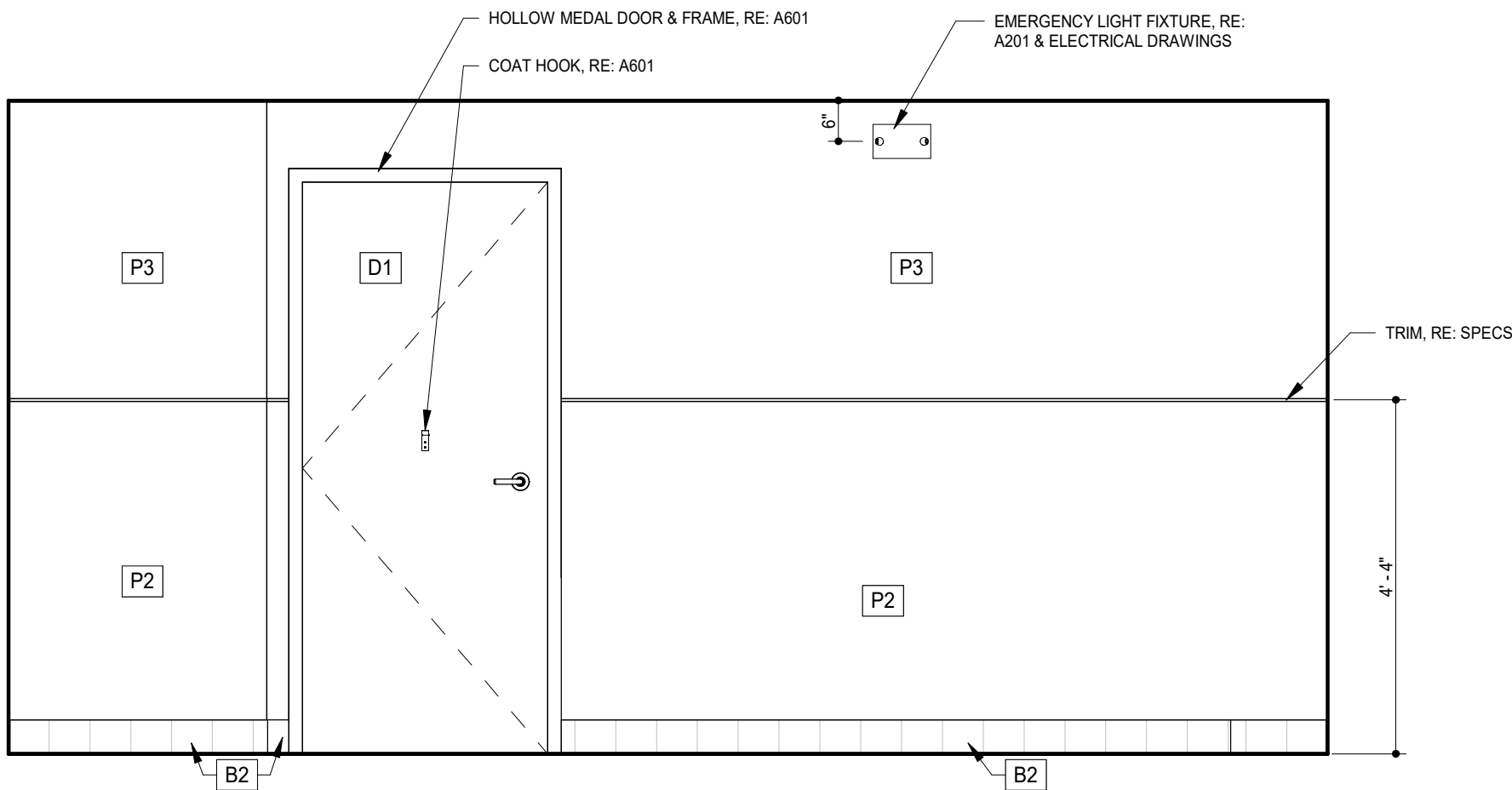
7 RESTROOM 104 ELEVATION
1/2" = 1'-0"



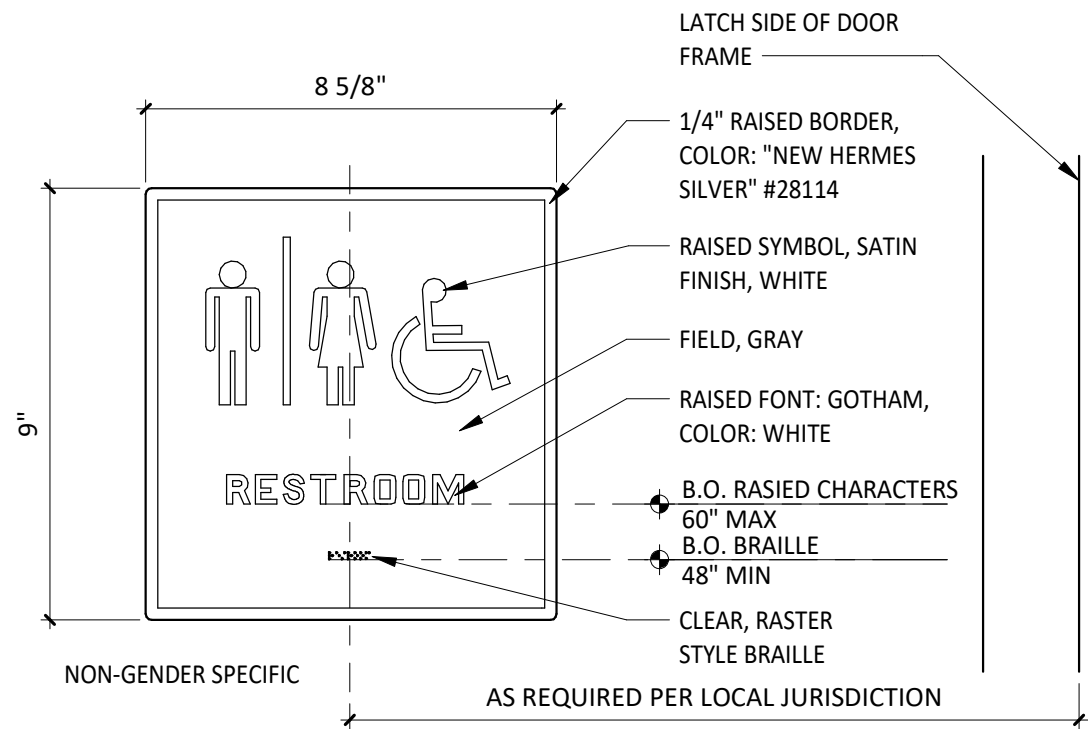
3 RESTROOM 103 ELEVATION
1/2" = 1'-0"



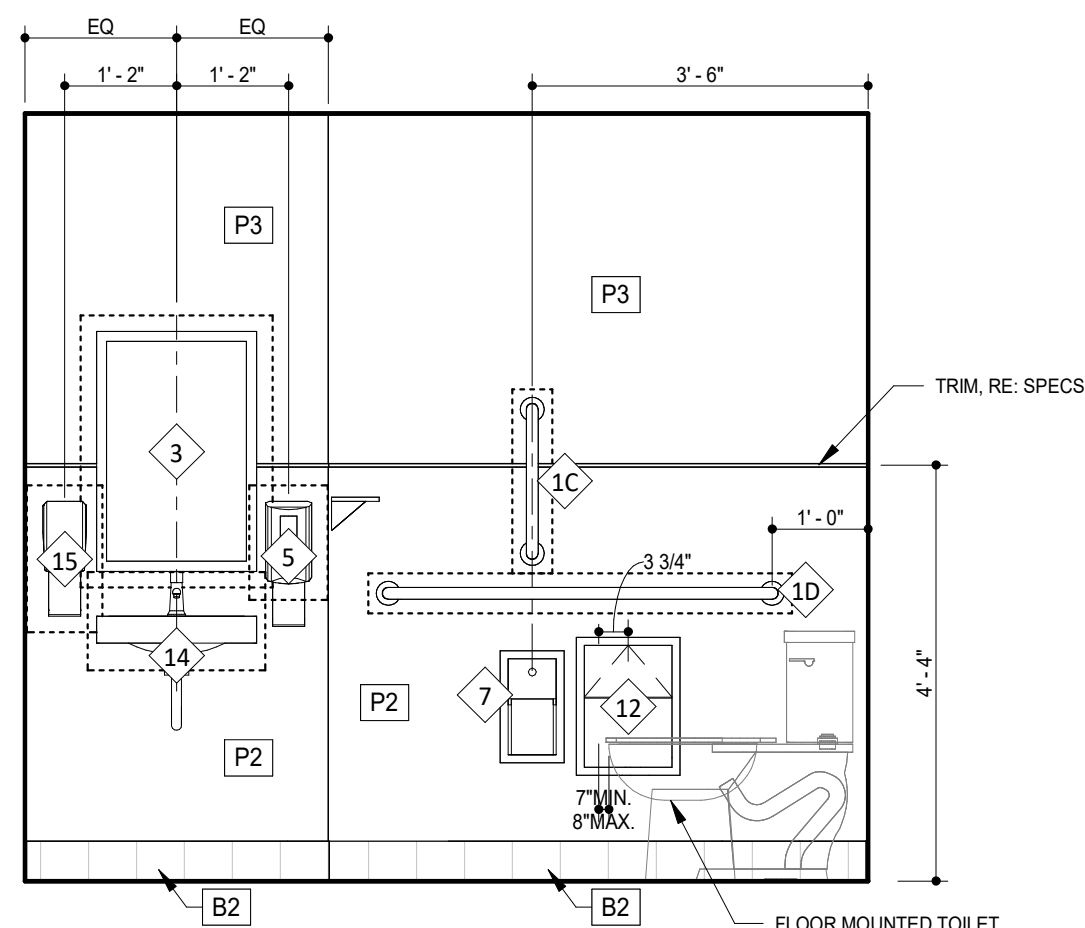
9 RESTROOM 104 ELEVATION
1/2" = 1'-0"



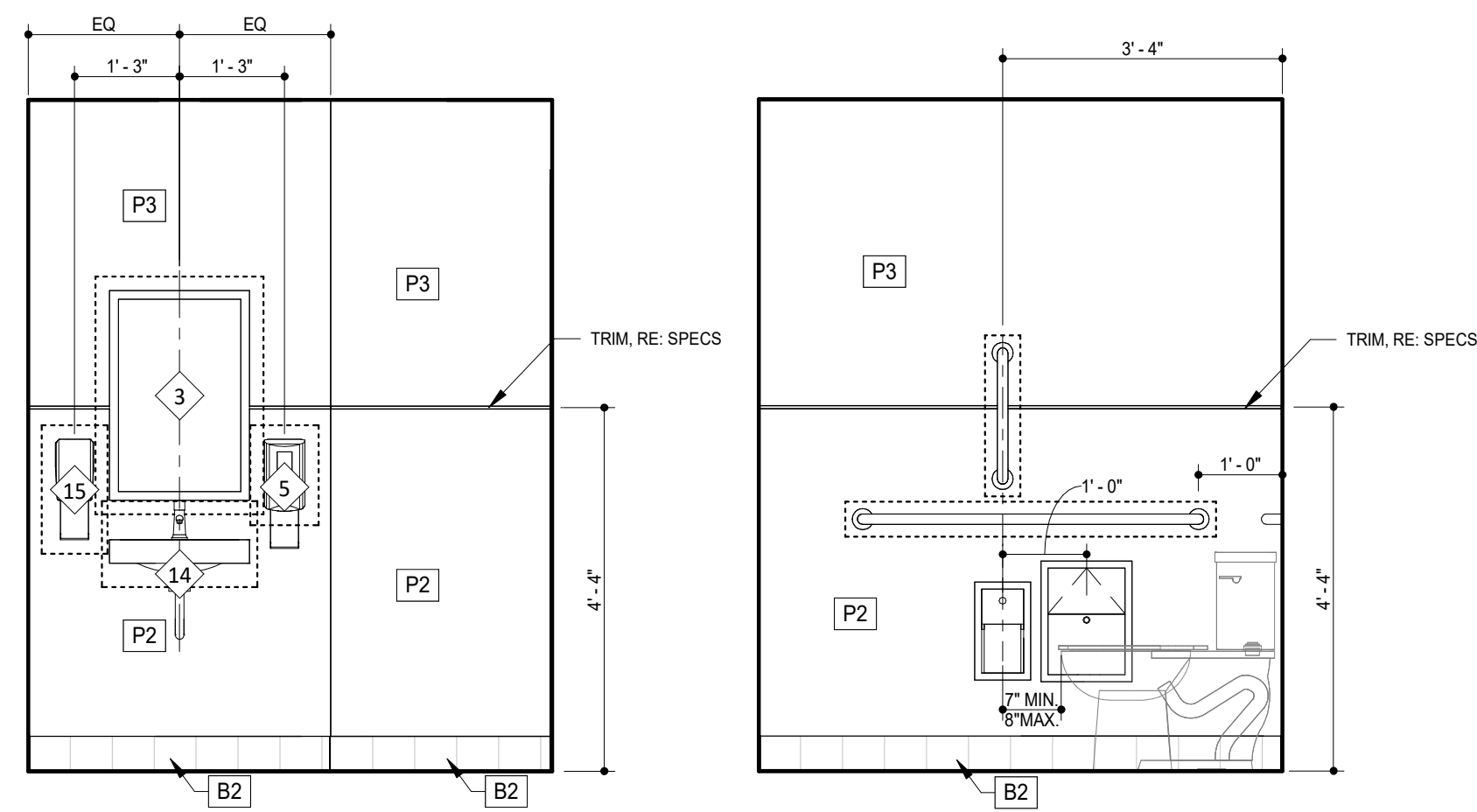
6 RESTROOM 103 ELEVATION
1/2" = 1'-0"



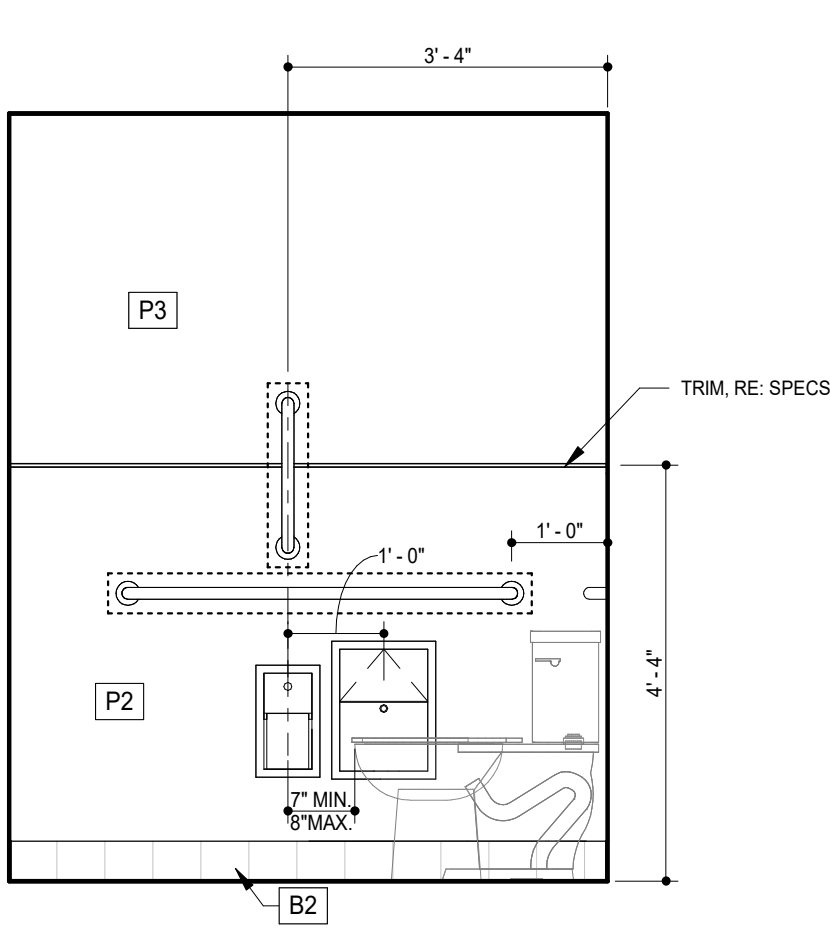
2 TYPICAL RESTROOM SIGNAGE
3/4" = 1'-0"



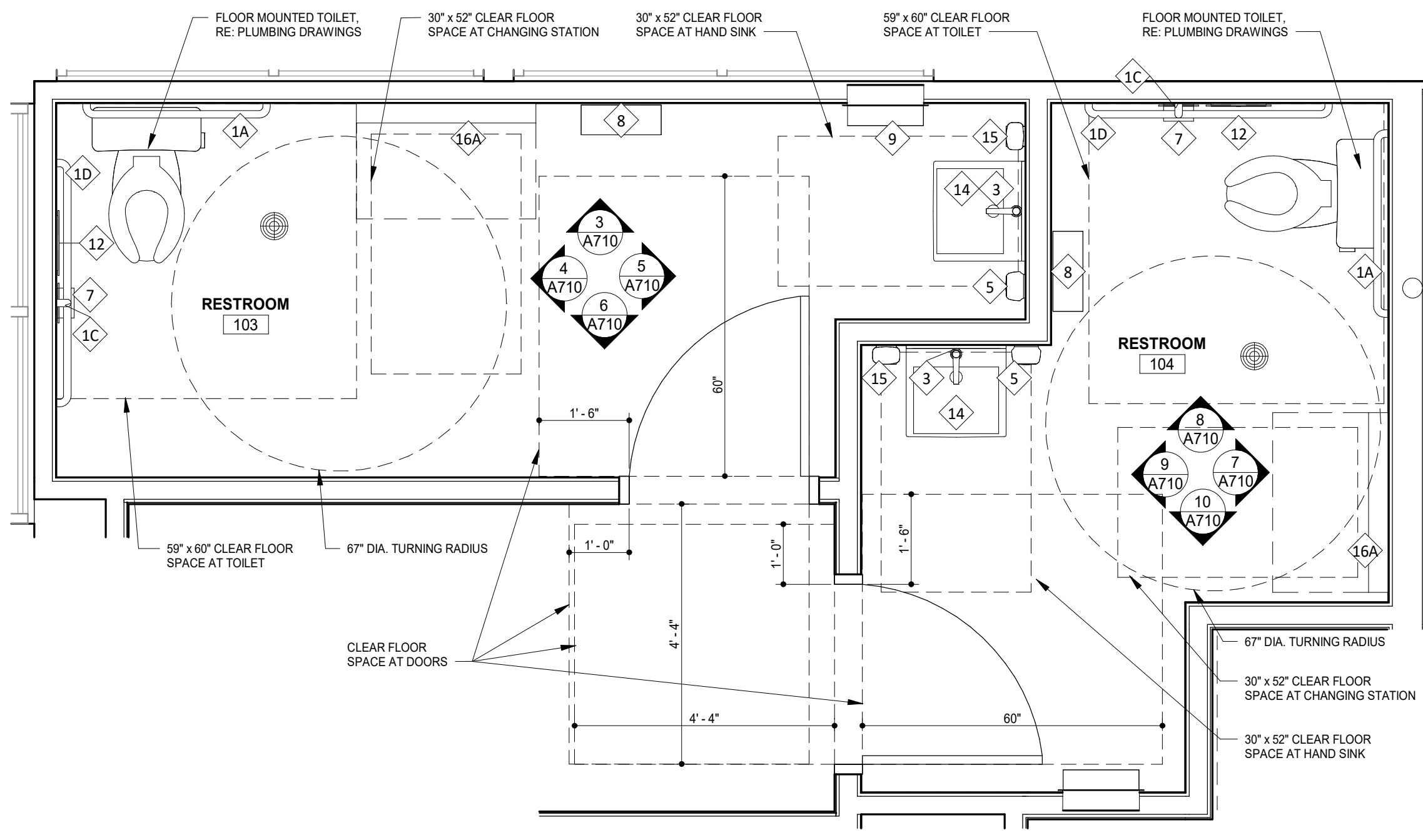
8 RESTROOM 104 ELEVATION
1/2" = 1'-0"



5 RESTROOM 103 ELEVATION
1/2" = 1'-0"



4 RESTROOM 103 ELEVATION
1/2" = 1'-0"



1 ENLARGED RESTROOM PLAN
1/2" = 1'-0"

DUNGAN
DESIGN
GROUP

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913-341-2466



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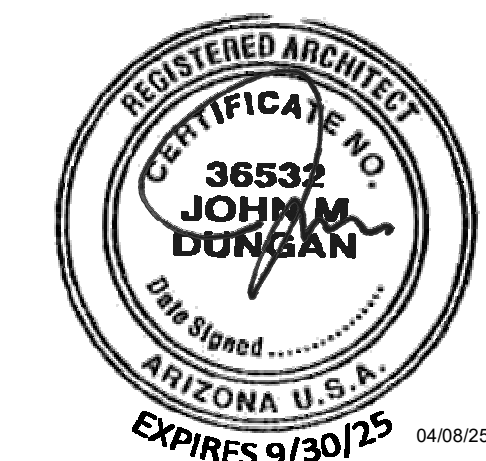
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06/27/25	Construction Issue

Revisions:	

Project No.
01818

Restroom Details

A710



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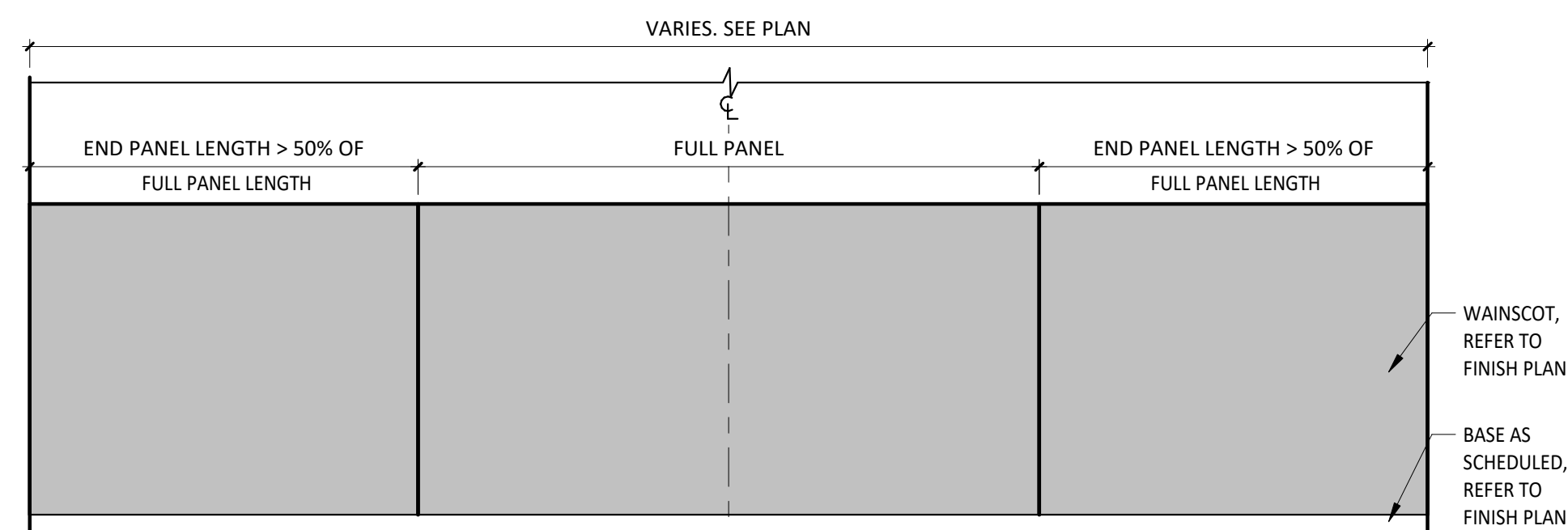
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Revisions:

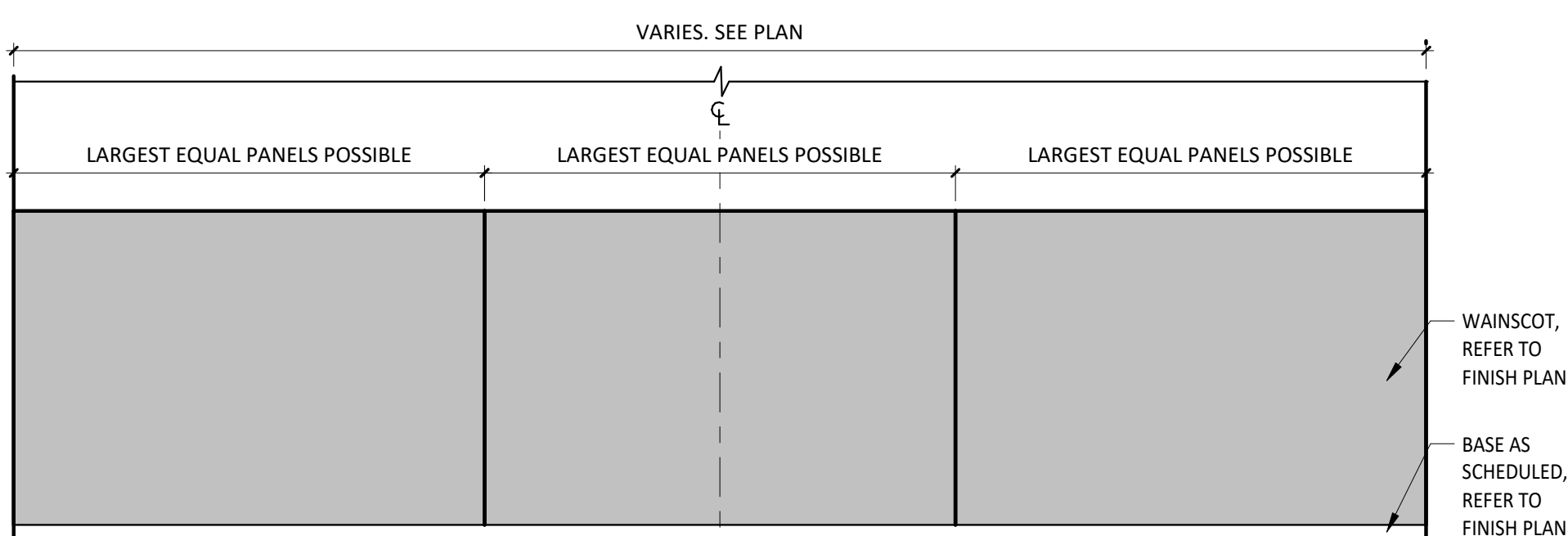
Project No.
01818

Finish Details

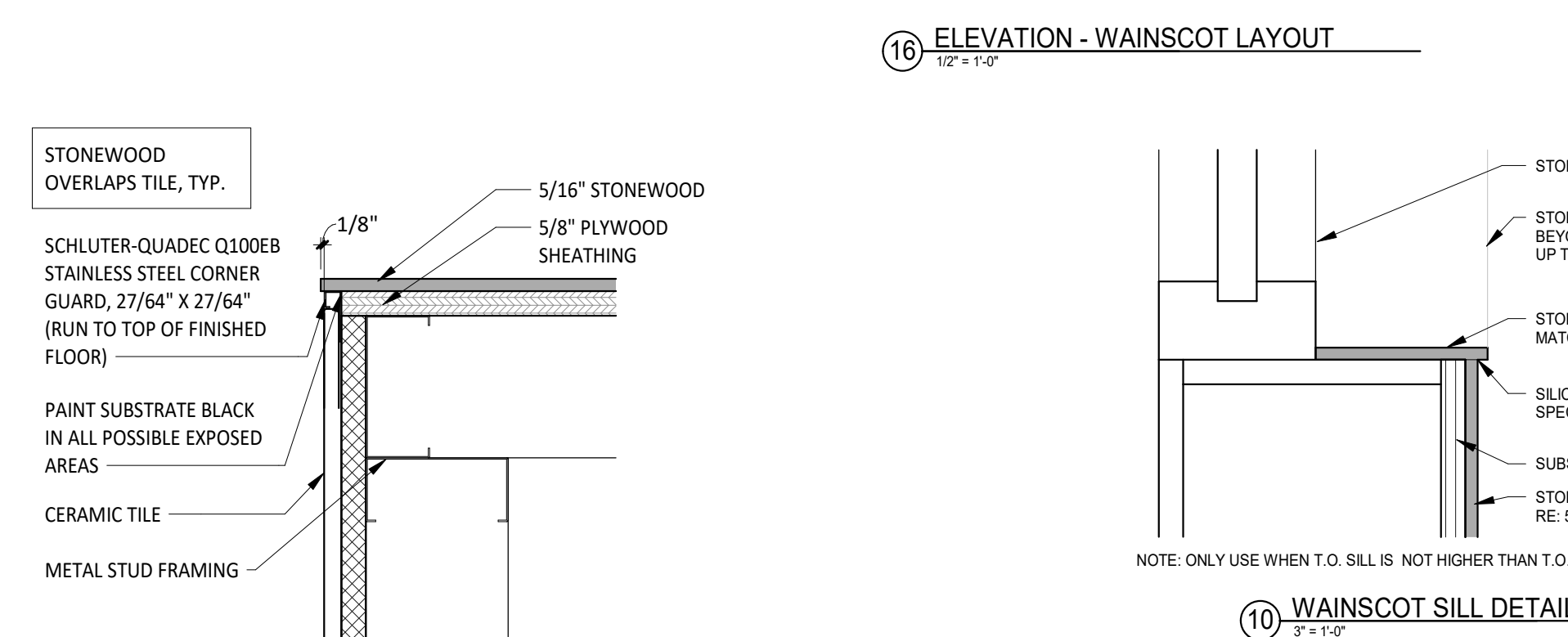
A801



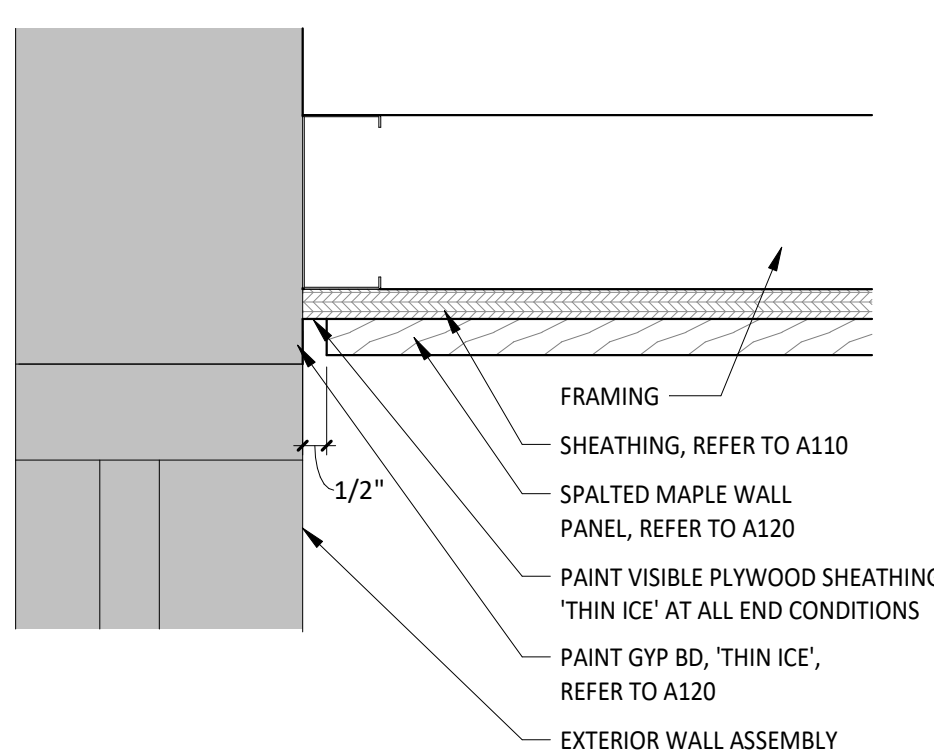
CENTERED LAYOUT - PREFERRED LAYOUT



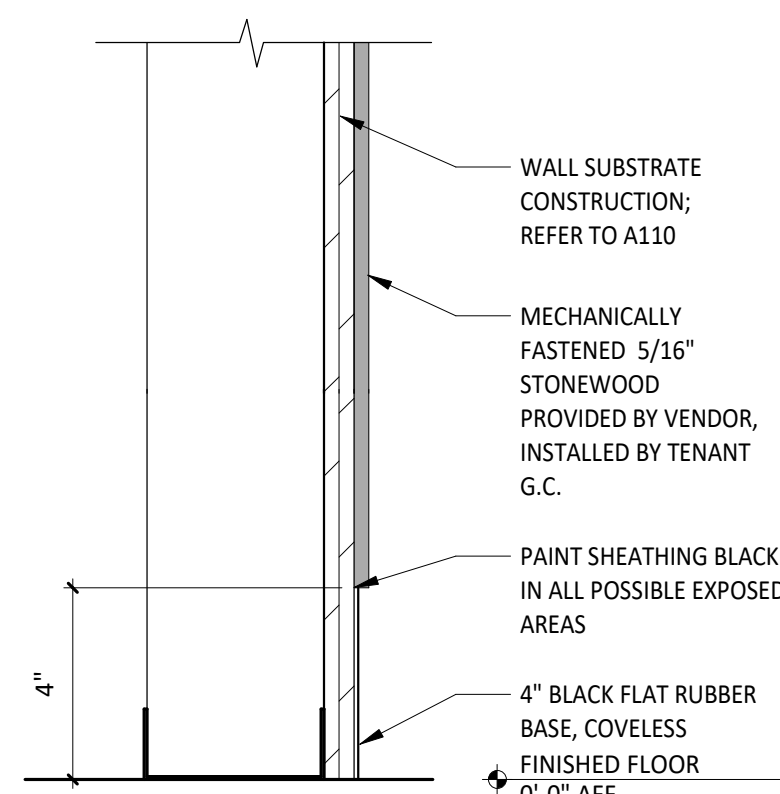
EQUAL LAYOUT - TO BE USED WHEN CENTERED LAYOUT IS NOT POSSIBLE



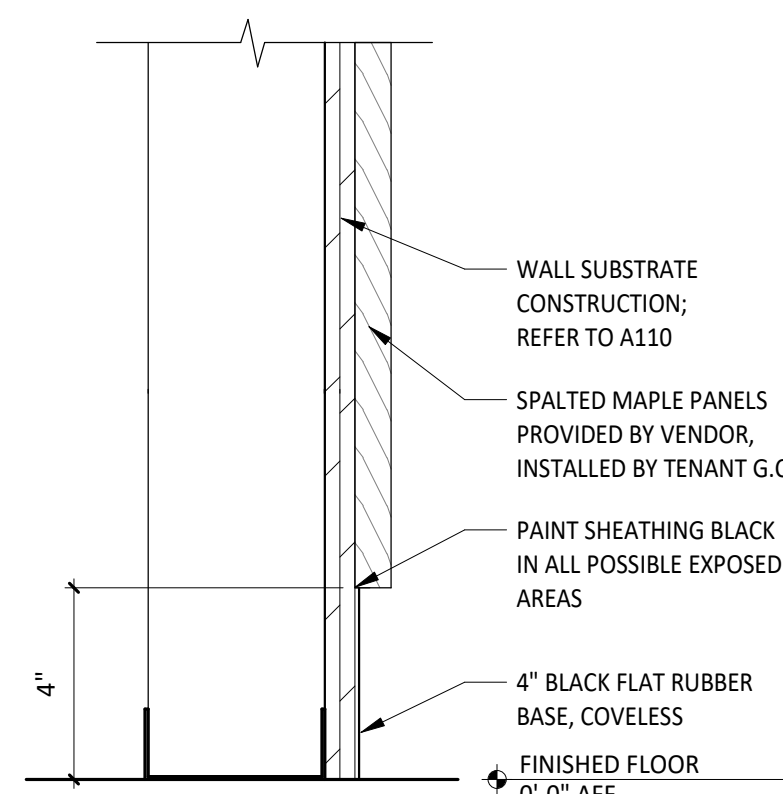
11 PLAN - STONEWOOD-TO-TILE OUTSIDE CORNER



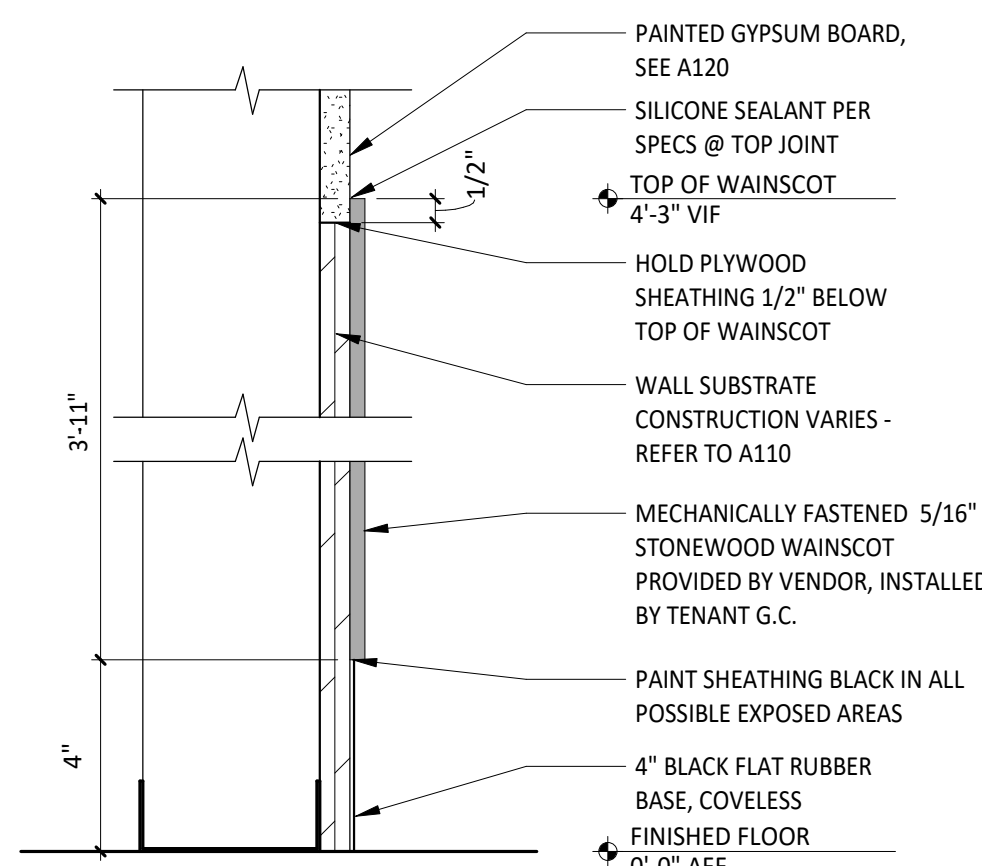
6 PLAN - SPALTED PLYWOOD END CONDITION



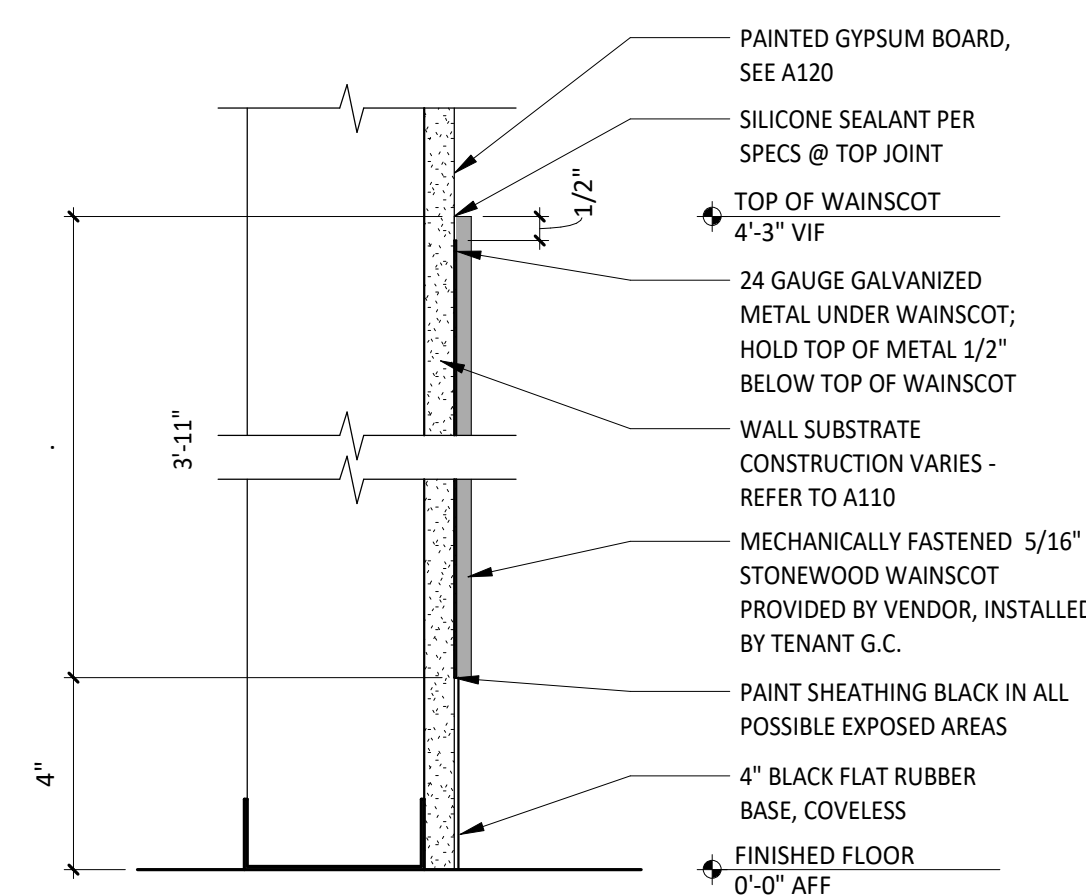
5 SECTION - STONEWOOD



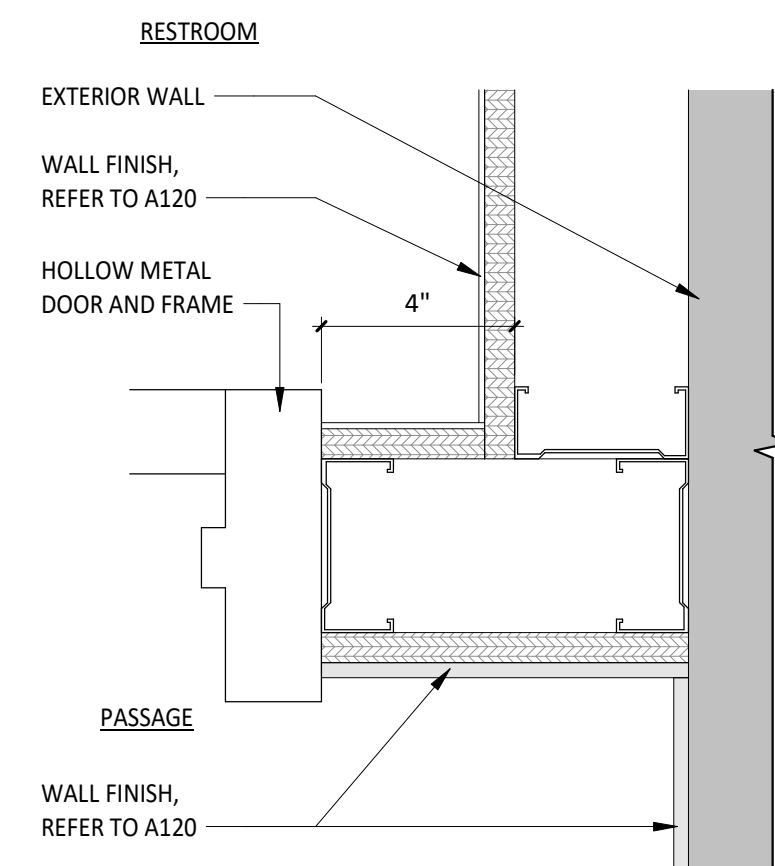
4 SECTION - SPALTED MAPLE



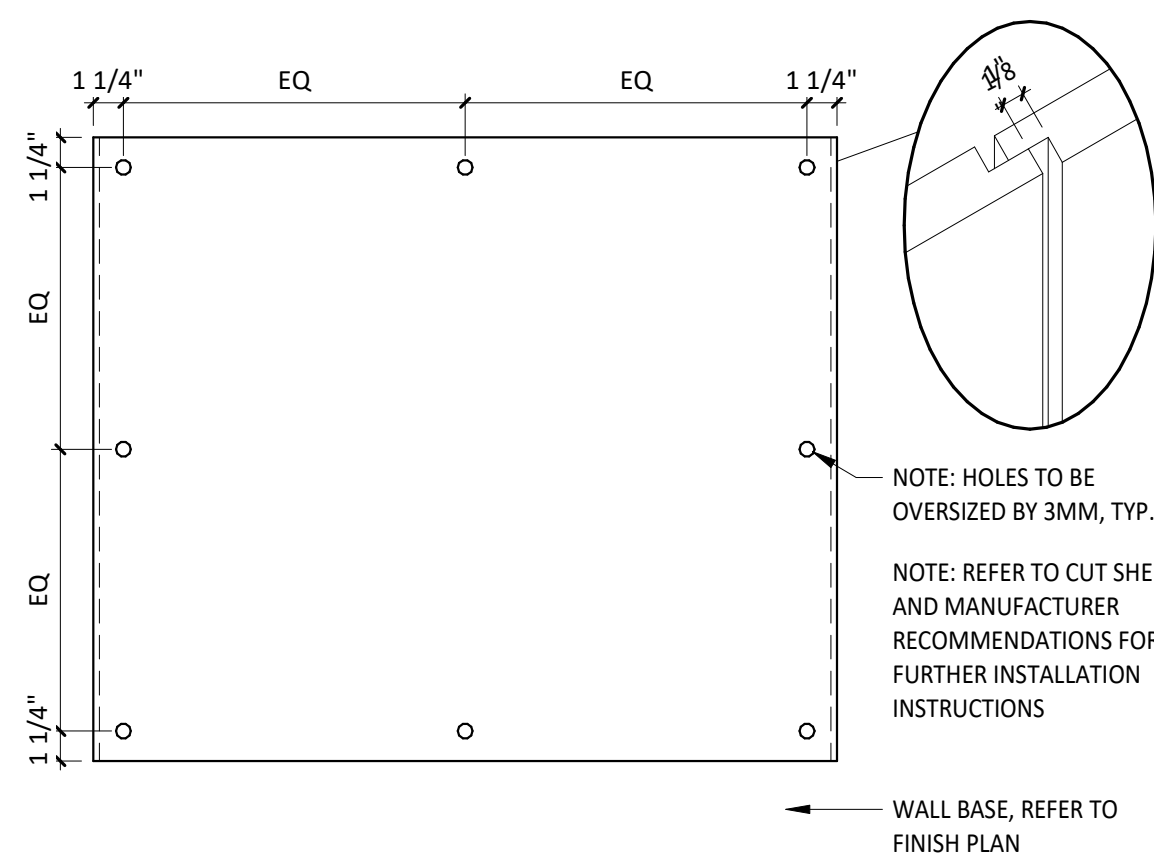
3 SECTION - WAINSCOT - PLYWOOD BACKING (PREFERRED)



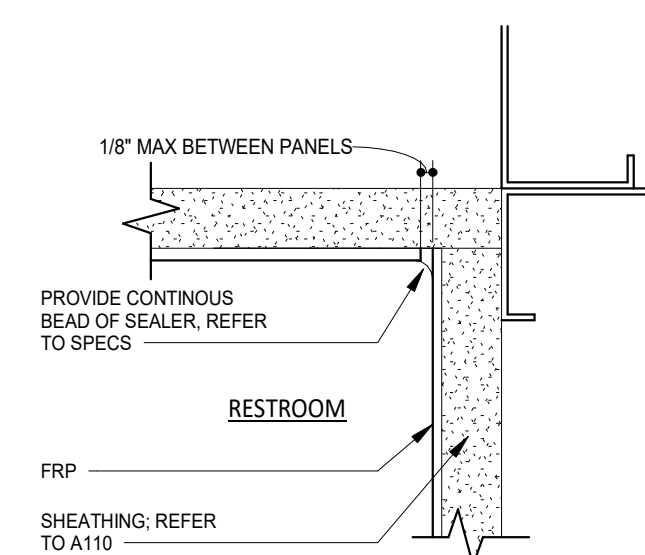
② SECTION - WAINSCOT - GALV. BACKING (@ RATED WALLS ONLY)



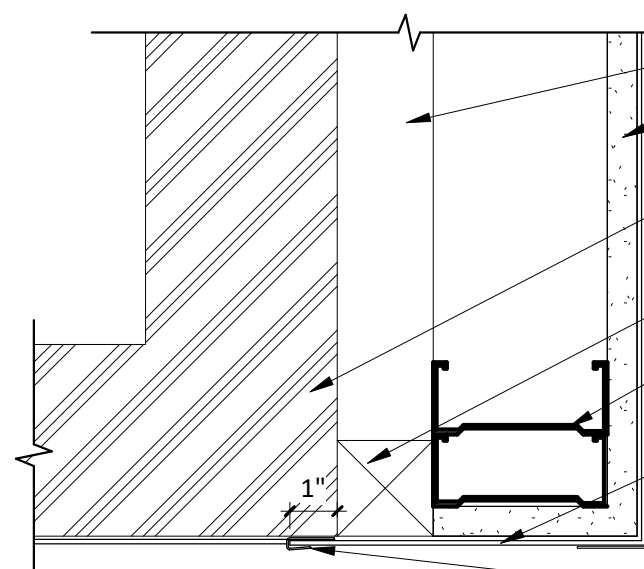
1 PLAN - DOOR JAME



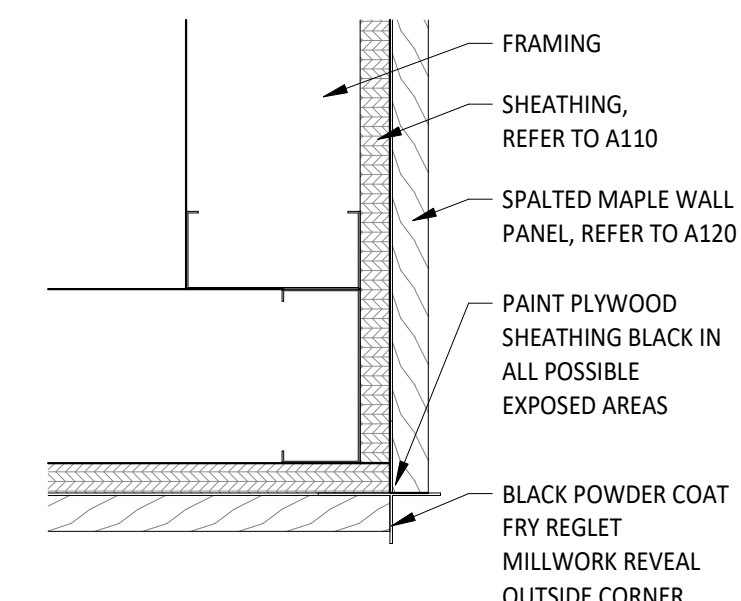
19 ELEVATION - WAINSCOT PANEL DETAIL



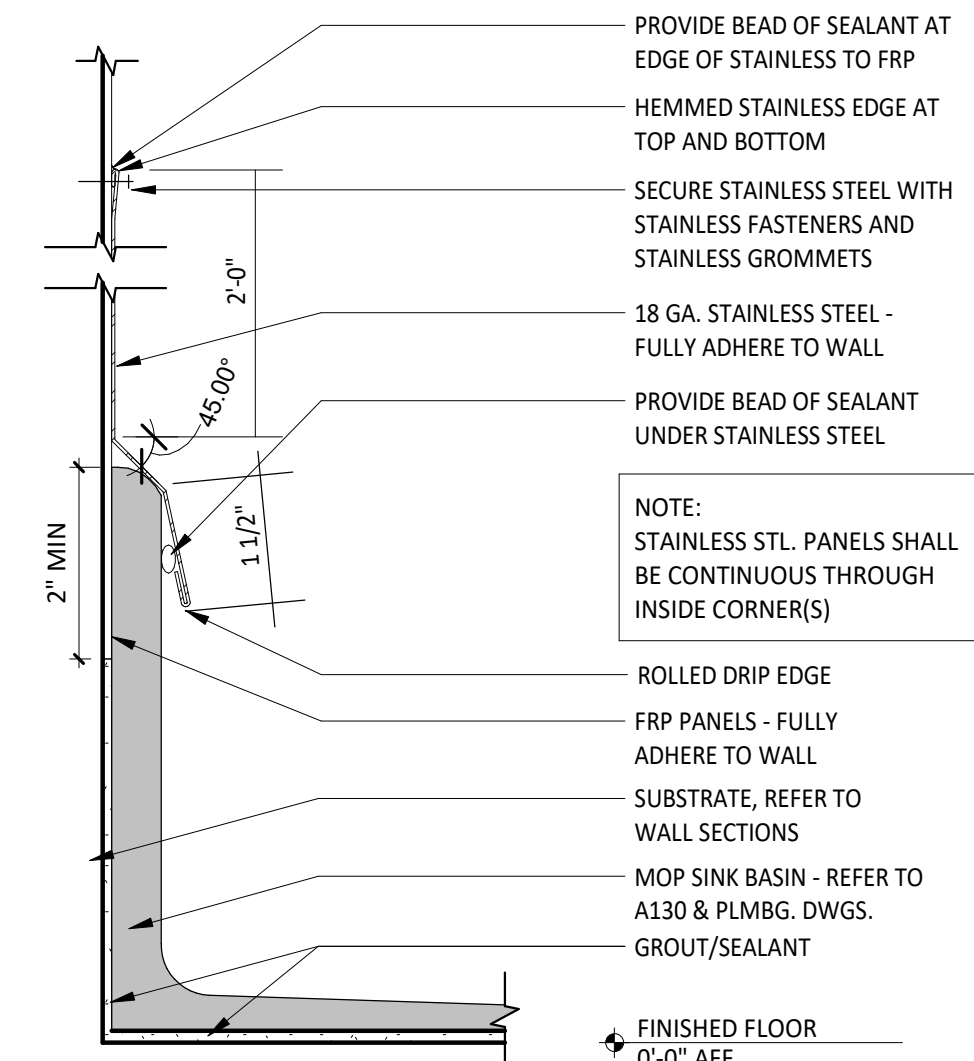
15 PLAN - RESTROOM FRP INSIDE CORNER



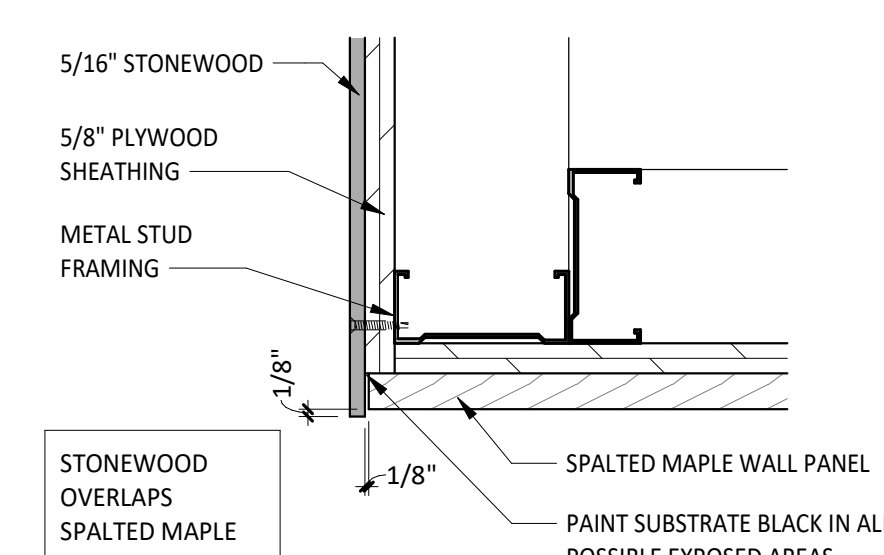
14 PLAN - FRP CLOSURE @ COOLER



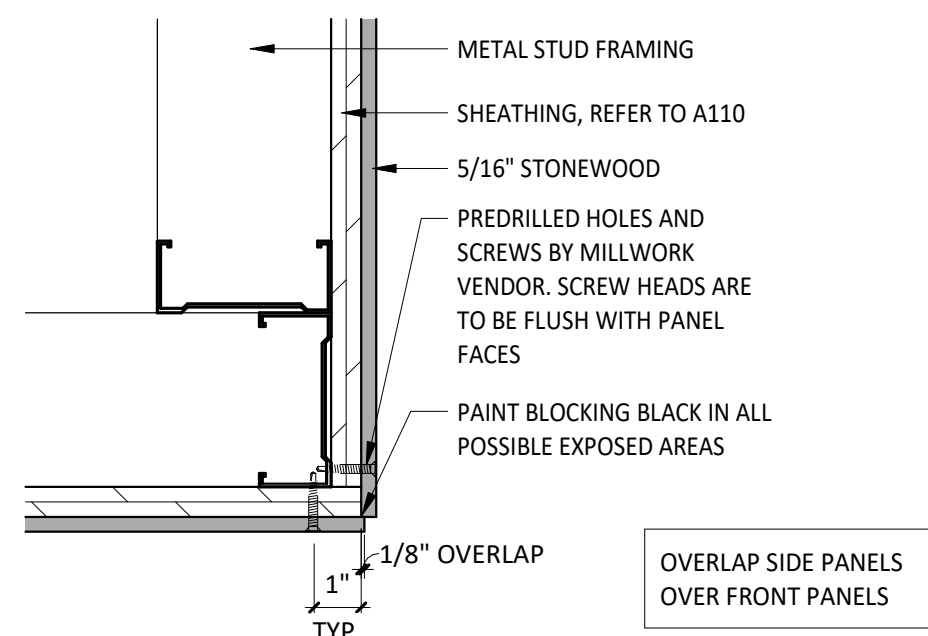
13 PLAN - SPALTED MAPLE-TO-SPALTED MAPLE CORNER



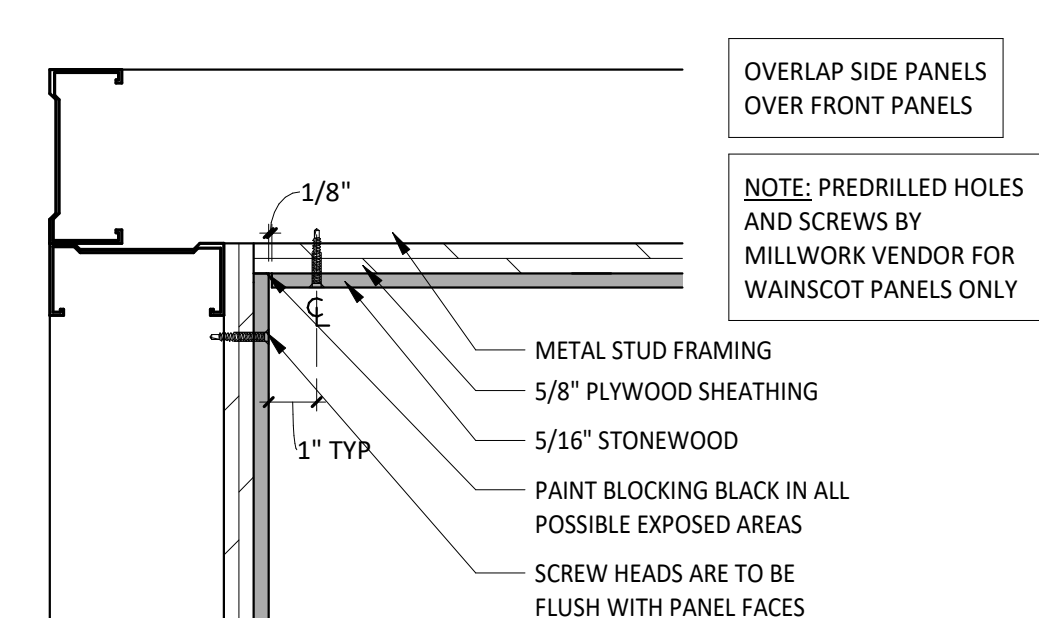
17 SECTION - MOP SINK



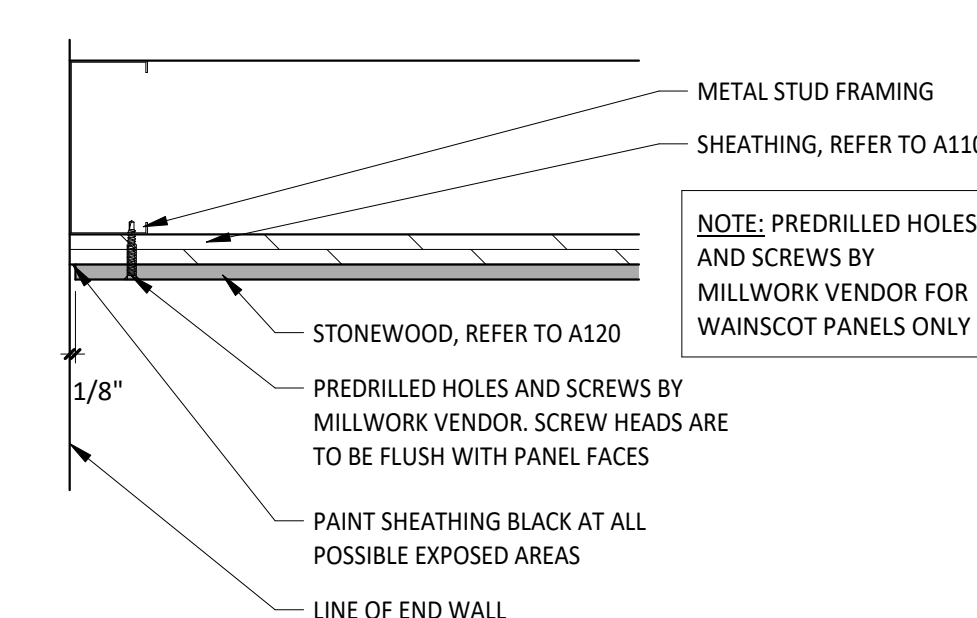
12 PLAN - SPALTED MAPLE-TO-STONEWOOD OUTSIDE CORNER



9 PLAN - STONEWOOD OUTSIDE CORNER

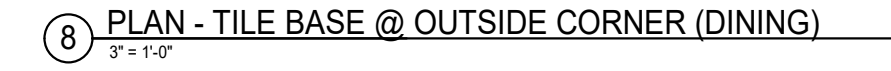
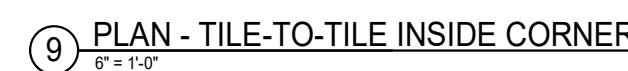
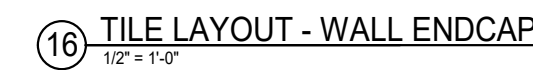
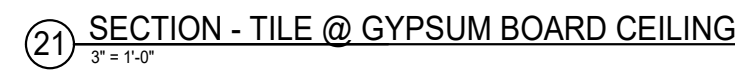


8 PLAN - STONEWOOD INSIDE CORNER



7 PLAN - STONEWOOD END CONDITION
3" = 1'-0"

1. TITLE 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.





④ INTERIOR VIEW



② INTERIOR VIEW



③ INTERIOR VIEW



① INTERIOR VIEW

DUNGAN
DESIGN
GROUP

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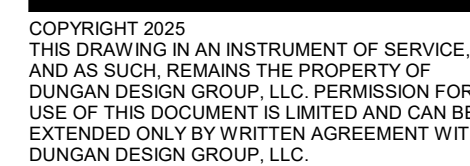
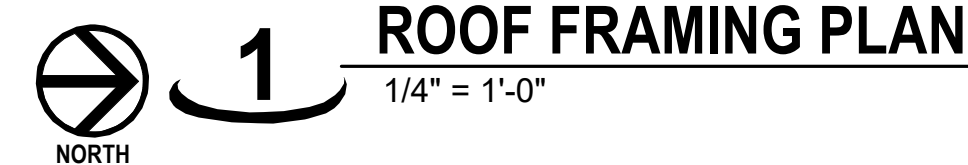
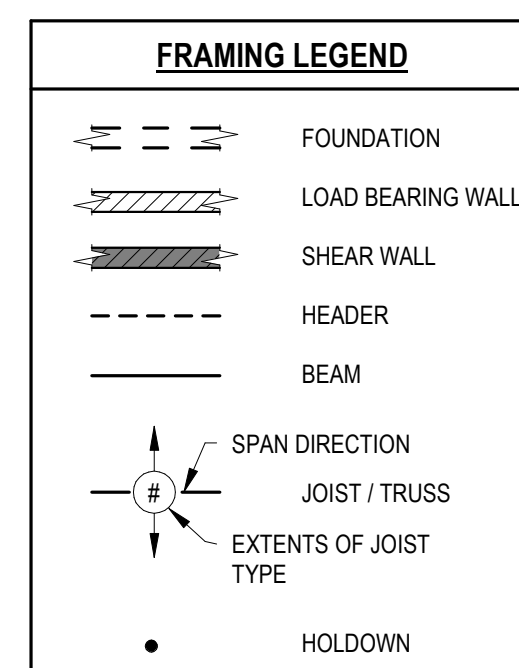
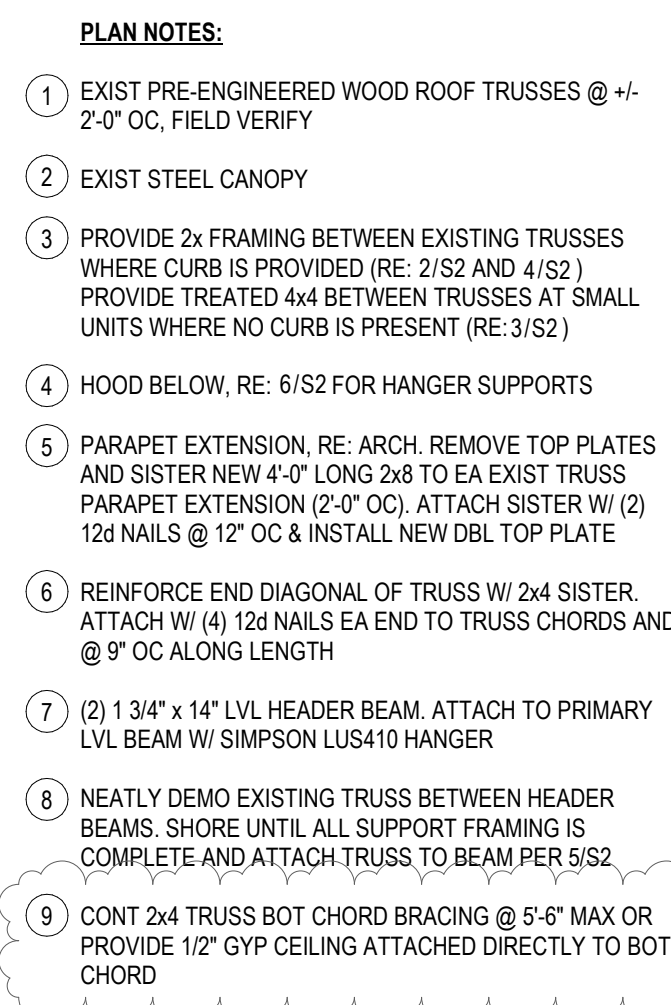
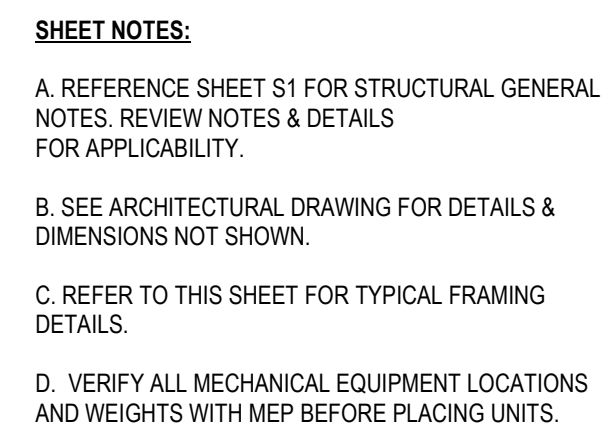
Issue Record:	
04/08/25	Permit Issue
06/27/25	Construction Issue

Revisions:	

Project No.
01818

Interior Perspectives

A900



Pebble Creek & McDowell

Store No.: 5637

15600 W McDowell Rd
Goodyear, AZ 85395

Issue Record
04/07/2025

04/07/2025

Revisions:

1 05/23/2025 City Comments

STAND Project No
24267

ROOF FRAMING PLAN

S2

F.P. 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
FAAP FIRE ALARM ANNUNCIATOR PANEL
FACP FIRE ALARM CONTROL PANEL
FLR FLOOR
FOH FRONT OF HOUSE
GYP GYPSUM BOARD
NTS NOT TO SCALE
O/H OVERHEAD
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 PHONE SUPPLIER
TPS TENANT'S PANELBOARD 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

F.P. MATERIAL SCHEDULE

	APPLICATION	ALLOWABLE MATERIAL
SPRINKLER HEAD		
	EXPOSED STRUCTURE CEILING	CHROME OR BRASS UPRIGHT
	GYPSUM BOARD CEILING	CHROME RECESSED PENDANT W/ CHROME ESCUTCHEON
	LAY-IN CEILING	CHROME RECESSED PENDANT W/ CHROME ESCUTCHEON
	STONEWOOD	CONCEALED PENDANT WITH BLACK COVER PLATE
	WALK-IN COOLER	FREEZE-PROOF PENDANT

FIRE PROTECTION SCHEDULE

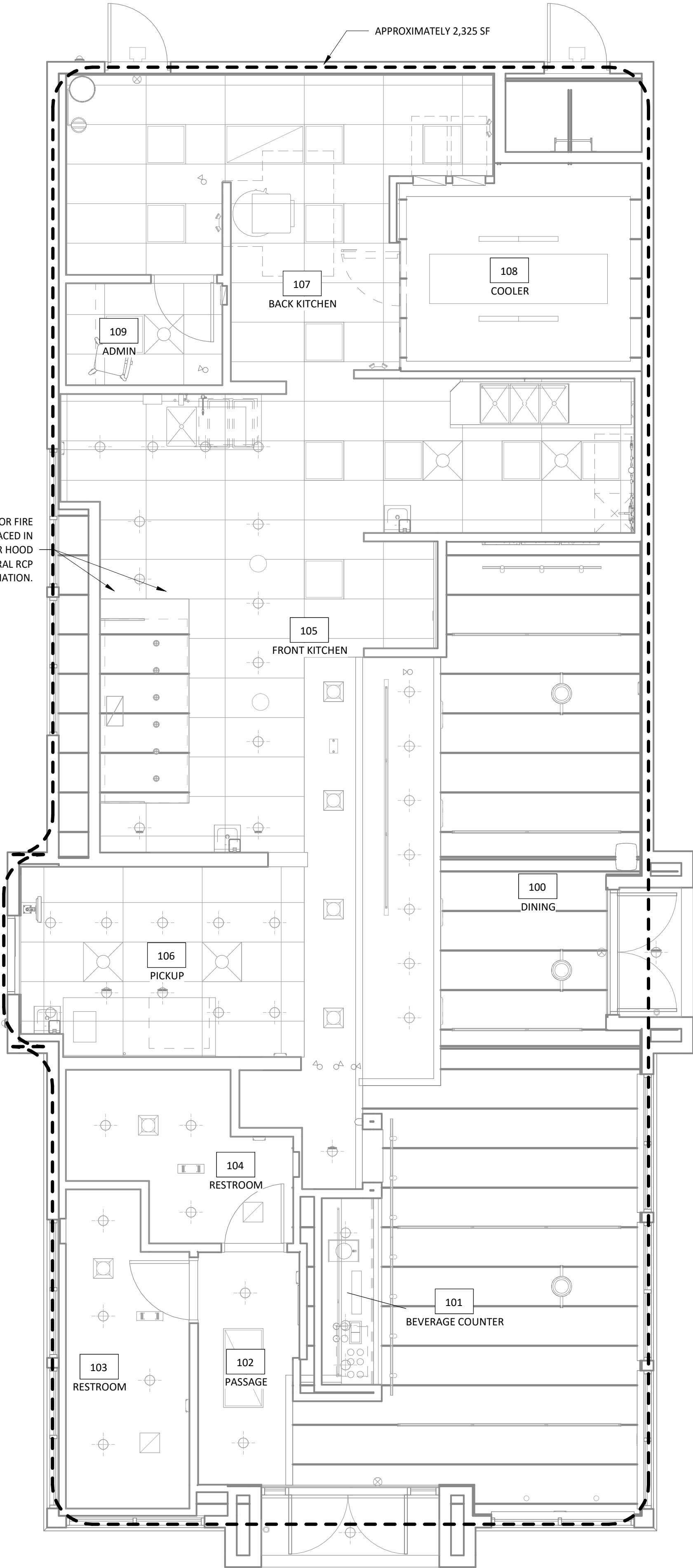
ROOM #	DESCRIPTION	CEILING	HEIGHT	HAZARD
100	DINING	EXPOSED STRUCTURE	VARIES	LIGHT
101	BEVERAGE COUNTER	STONEWOOD	8'-1"	LIGHT
102	PASSAGE	GYP	9'-0"	LIGHT
103	RESTROOM	GYP	8'-0"	LIGHT
104	RESTROOM	GYP	8'-0"	LIGHT
105	FRONT KITCHEN	LAY-IN	10'-0"	ORD. HAZ. 1
106	PICKUP	LAY-IN	10'-0"	ORD. HAZ. 1
107	BACK KITCHEN	LAY-IN	10'-0"	ORD. HAZ. 1
108	COOLER	INTEGRAL	9'-4"	ORD. HAZ. 1
109	ADMIN	LAY-IN	9'-0"	ORD. HAZ. 1

FIRE PROTECTION GENERAL NOTES

- A FIRE PROTECTION WORK SHALL BE DONE IN ACCORDANCE WITH THE BUILDING CODE, NFPA, LOCAL FIRE DEPARTMENT STANDARDS, AND THE AUTHORITY HAVING JURISDICTION. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.
- B CEILING HEIGHTS SHOWN IN THE FIRE PROTECTION SCHEDULE ARE APPROXIMATE. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT CEILING HEIGHTS.
- C EXISTING FIRE PROTECTION SYSTEM: EXISTING WET PIPE SPRINKLER SYSTEM WITH DISTRIBUTION THROUGHOUT SPACE AND HEADS TURNED UP TO DECK.
- D EXISTING FIRE ALARM SYSTEM: EXISTING ADDRESSABLE FIRE ALARM SYSTEM WITH FACP IN BASE BUILDING RISER ROOM, NOTIFICATION APPLIANCE IN SPACE, AND PULL STATIONS AT EXITS.
- E FIRE ALARM SCOPE OF WORK: MODIFY THE EXISTING FIRE ALARM SYSTEM IN THE SPACES SHOWN TO SUIT THE NEW FLOOR PLAN. PROVIDE NEW DEVICES AS NECESSARY FOR A COMPLETE SYSTEM.
- F COORDINATE HEAD AND DEVICE LAYOUT WITH EXPOSED DUCTWORK, LIGHT FIXTURES, HVAC EQUIPMENT, ARCHITECTURAL CEILING ELEMENTS, AND WALL-MOUNTED EQUIPMENT. SEE ARCHITECTURAL, HVAC, PLUMBING, AND ELECTRICAL PLANS FOR LOCATIONS. PROVIDE HEADS AND DEVICES IN LAY-IN CEILINGS AT QUARTER POINTS ALONG LONG AXIS OF CEILING TILES.
- G FIRE PROTECTION SCOPE OF WORK: MODIFY THE EXISTING HEAD LAYOUT IN THE SPACES SHOWN TO SUIT THE NEW FLOOR PLAN. PROVIDE NEW HEADS AND PIPING AS NECESSARY FOR A COMPLETE SYSTEM. PROVIDE HYDRAULIC CALCULATIONS FOR REVISED FIRE PROTECTION SYSTEM.
- H OBTAIN PERMITS, APPROVALS, AND INSPECTIONS FOR REVISED FIRE PROTECTION AND ALARM SYSTEMS.
- I CEILING HEIGHTS AND CEILING FIXTURE PLACEMENTS SHOWN ARE APPROXIMATE. SEE ARCHITECTURAL RCP FOR EXACT CEILING HEIGHTS AND CEILING FIXTURE DIMENSIONS.
- J SUBMIT FIRE PROTECTION AND FIRE ALARM SHOP DRAWINGS SHOWING HEAD AND DEVICE LAYOUTS TO ARCHITECT PRIOR TO SUBMITTING FOR PERMIT APPROVAL.
- 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 IF A SLAT CEILING SYSTEM IS INSTALLED IN THE DINING ROOM WHERE IT WILL INTERFERE WITH THE PATTERN DEVELOPMENT OF SPRINKLER HEADS ABOVE THE SLAT CEILING (WITHIN 18" BELOW SPRINKLER HEADS) THEN PROVIDE INTERMEDIATE LEVEL IN-RACK PENDANT SPRINKLER HEADS IN SLAT CEILING SYSTEM PER THE ARCHITECTURAL DETAILS.

FOR REFERENCE ONLY:
FIRE PROTECTION AND ALARM SYSTEMS
ARE TO BE DESIGNED BY THE GENERAL
CONTRACTOR

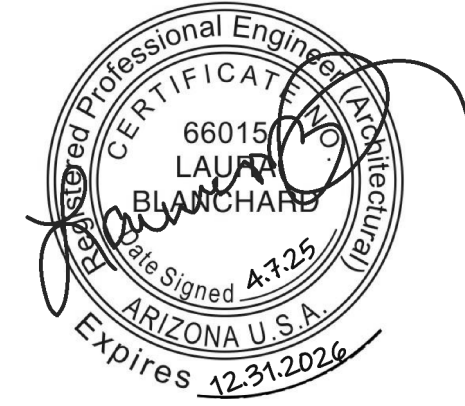
NO SPRINKLER HEADS OR FIRE
ALARM DEVICES SHALL BE PLACED IN
LAY-IN TILES USED FOR HOOD
ACCESS. SEE ARCHITECTURAL RCP
FOR MORE INFORMATION.



Consultant:



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15600 W. McDowell Rd.
Goodyear, AZ 85395

Issue Record:

04/07/2025 PERMIT ISSUE

Revisions:

Drawn:

Checked:

Project No.

241093

Contents:

FIRE PROTECTION
PLAN

F100

PER NFPA 13

[illegible]

SYMBOLS

SYMBOLS

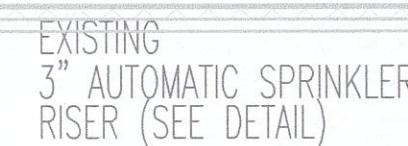
3"	PIPE & TO BOTTOM OF DECK
4"	PIPE & TO FINISHED FLOOR
5"	WATER FLOW SWITCH
6"	TAMPER SWITCH
7"	HYDRAULIC REFERENCE POINT
8"	BRANCHLINE / MAIN LABEL
9"	WELODED PIPE LABEL
10"	2-WAY EARTHQUAKE BRACE
11"	4-WAY EARTHQUAKE BRACE
12"	PIPE HANGER
13"	CAP (THIRD OR GRVD)
14"	SYSTEM RISER
15"	COUPLING (THIRD OR GRVD)
16"	FLANGED CONNECTION

HYDRAULIC DESIGN DATA

[illegible]

INSTALLING CONTRACTOR:

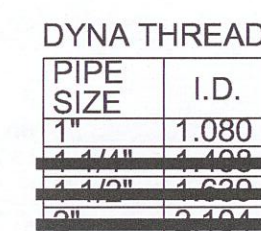
	INSTALLING CONTRACTOR:		SCALE: AS NOTED	
	PROJECT DESCRIPTION:		DRAWN BY: TPL	
FIRE PROTECTION		CONTRACT NO.:		CHECKED BY:
FIRE SPRINKLER PIPING PLAN		DRAWING NO.:		THESE PLANS PREPARED
CHIPOTLE JT #6337 15600 W. McDOWELL RD. GOODYEAR, AZ		CONTRACT DATE:		CONTRACT WRITE:
		DATE:		ADDN. 25. 2005



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

1. OCCUPANCY: MERCANTILE - OH GROUP II
2. MAXIMUM HEAD SPACING PER MFG.
3. ALL MATERIALS AND INSTALLATION TO CONFORM WITH NFPA-13 AND LOCAL CODES.
4. ALL PIPING FOR THIS TENANT IMPROVEMENT, 1 TO 2 INCH TO BE BLACK STEEL SCH. 40 OR DYNA THREAD PIPE.
5. ALL FITTINGS TO BE CAST IRON CLASS 150.
6. HANGERS AND INSTALLATION METHODS TO BE IN ACCORDANCE WITH THE REQUIRE OF NFPA-13.
7. SPRINKLER LOCATION IS NOT TO BE CONSTRUCTED AS CENTER OF TILE. LOCATE SPRINKLER 1'-0" OFF GRID OR CENTER. (SEE DETAIL)

 DENOTES NEW PIPING.
 DENOTES EXISTING PIPING
 DENOTES NEW STRAP TEE

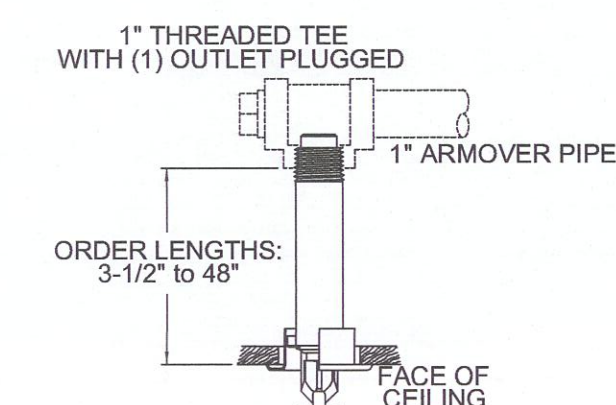


INSTALLATION

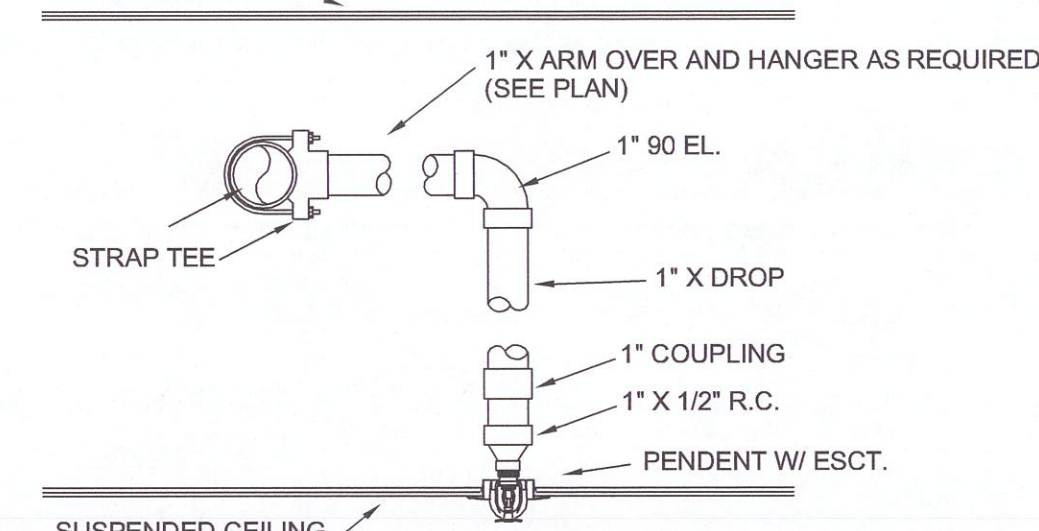
- 1) DRILL AND DE-BUR A 1 3/16" CLEARANCE HOLE.
- 2) REMOVE ANY OILS FROM AROUND THE CLEARANCE HOLE, BOTH INSIDE AND OUT.
- 3) CENTER THE BODY OF THE STRAP OVER THE HOLE AND ATTACH THE "U" BOLT.
- 4) TORQUE THE NUTS TO 25 ft. lbs. AND A UNIFORM DISTANCE TO THE END OF THE "U" BOLT THREADS.

NOTE: THE WORKING PRESSURE IS 175 PSI FOR ALL SIZES. THE LENGTH OF AN UNSUPPORTED ARMORER TO A SPRINKLER SHALL NOT EXCEED 24' FOR STEEL PIPE OR 12" FOR COPPER TUBE PER NFPA-13 STANDARDS.

PIPE SIZE	A	B	HOLE SIZE	WEIGHT (lbs.)
1 1/4" x 1/2"	1 7/8"	1 3/8"	1 3/16"	0.73
1 1/4" x 3/4"	1 7/8"	1 3/8"	1 3/16"	0.73
1 1/4" x 1"	1 7/8"	1 3/8"	1 3/16"	0.73
1 1/2" x 1/2"	2"	1 1/2"	1 3/16"	0.73
1 1/2" x 3/4"	2"	1 1/2"	1 3/16"	0.73
1 1/2" x 1"	2"	1 1/2"	1 3/16"	0.73
2" x 1/2"	2 1/4"	1 3/4"	1 3/16"	0.75
2" x 3/4"	2 1/4"	1 3/4"	1 3/16"	0.75
2" x 1"	2 1/4"	1 3/4"	1 3/16"	0.75
2 1/2" x 1/2"	2 1/2"	2"	1 3/16"	0.88
2 1/2" x 3/4"	2 1/2"	2"	1 3/16"	0.88
2 1/2" x 1"	2 1/2"	2"	1 3/16"	0.88



ROOF DECK —



I, TERRY P. LEET, CERTIFY THAT I DID NOT DESIGN THIS FIRE SPRINKLER SYSTEM. I CERTIFY THAT I HAVE REVIEWED THE DRAWINGS AND TO THE BEST OF MY KNOWLEDGE THESE DRAWINGS COMPLY WITH ALL APPLICABLE CODES AND NFPA STANDARDS (NFPA13, 13D, 13R). IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO FOLLOW THE FIRE SPRINKLER PLANS CAREFULLY AND TO INSURE THAT THE INSTALLATION IS IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.

TERRY P LEET NICET LEVEL IV #99503 DATE: 04/25/25

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 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 RADIUSUED 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) FURNISHED BY TSV.
- 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.

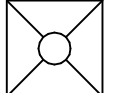
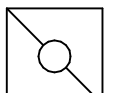
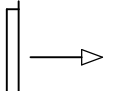
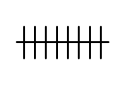
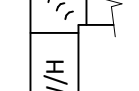
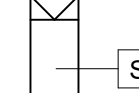
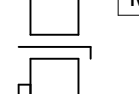
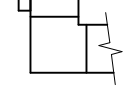
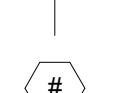
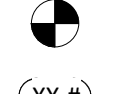
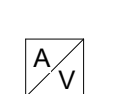
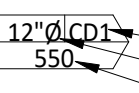
HVAC MATERIAL SCHEDULE		
	APPLICATION	ALLOWABLE MATERIAL
DUCT		
	CONCEALED, GENERAL EXHAUST	RECT. OR ROUND AS SHOWN
	CONCEALED, RETURN	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, SUPPLY	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, TYPE I HOOD EXHAUST	RECTANGULAR 16 GA. BLACK IRON 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
- OBDD 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
- TP TENANT'S PHONE SUPPLIER
- TPS TENANT'S PANELBOARD 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]

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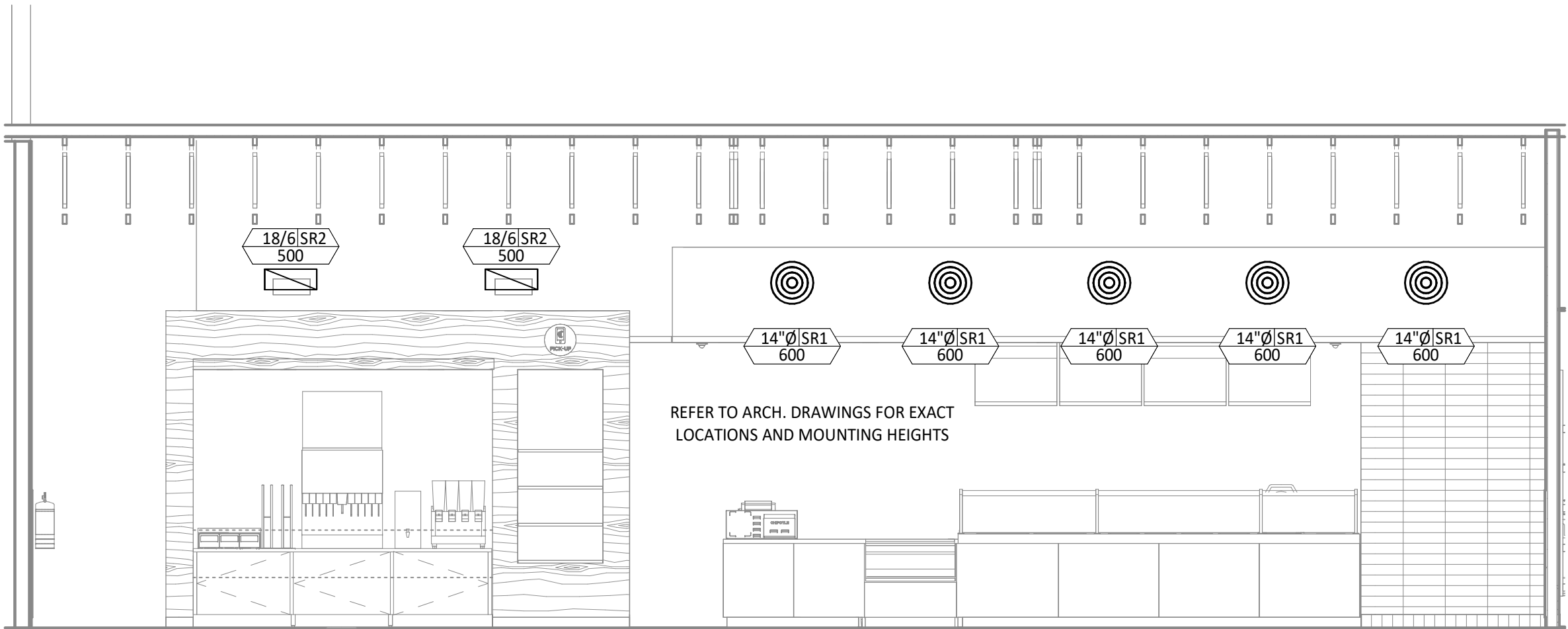
Contents:

HVAC
SPECIFICATIONS

M010

HVAC PLAN NOTES

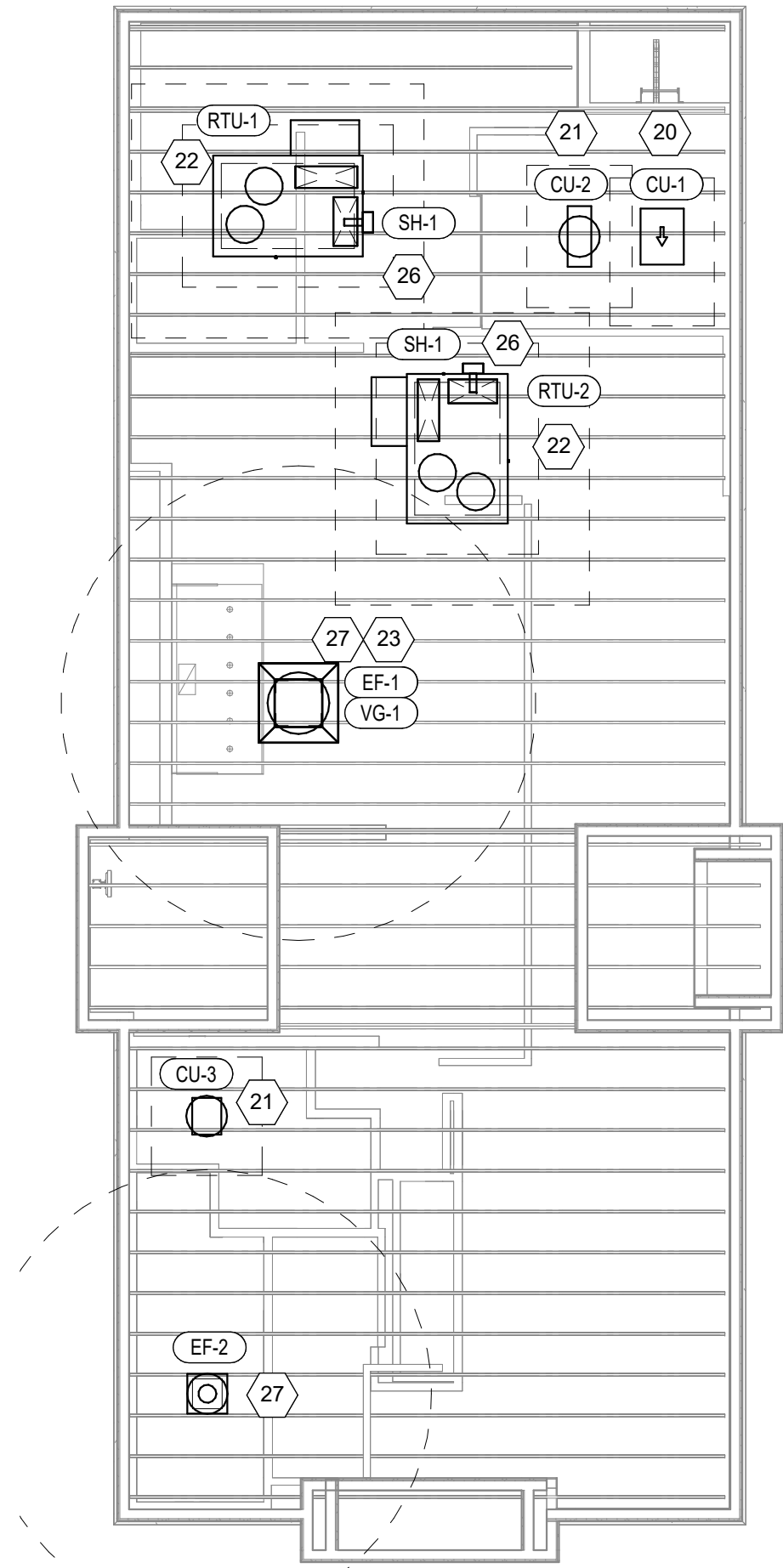
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
- PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS BLACK. TYPICAL.
- PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER), IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- 30/14 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.
- 14/30 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.
- 16/30 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.
- 30/16 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.
- NOT USED.
- 18/10 DUCT UP FROM HOOD THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96. PROVIDE RADIUSSED ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.
- 8/6 DUCT UP THROUGH ROOF TO EF-2.
- NOT USED.
- NOT USED.
- 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 72" 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 72" 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.



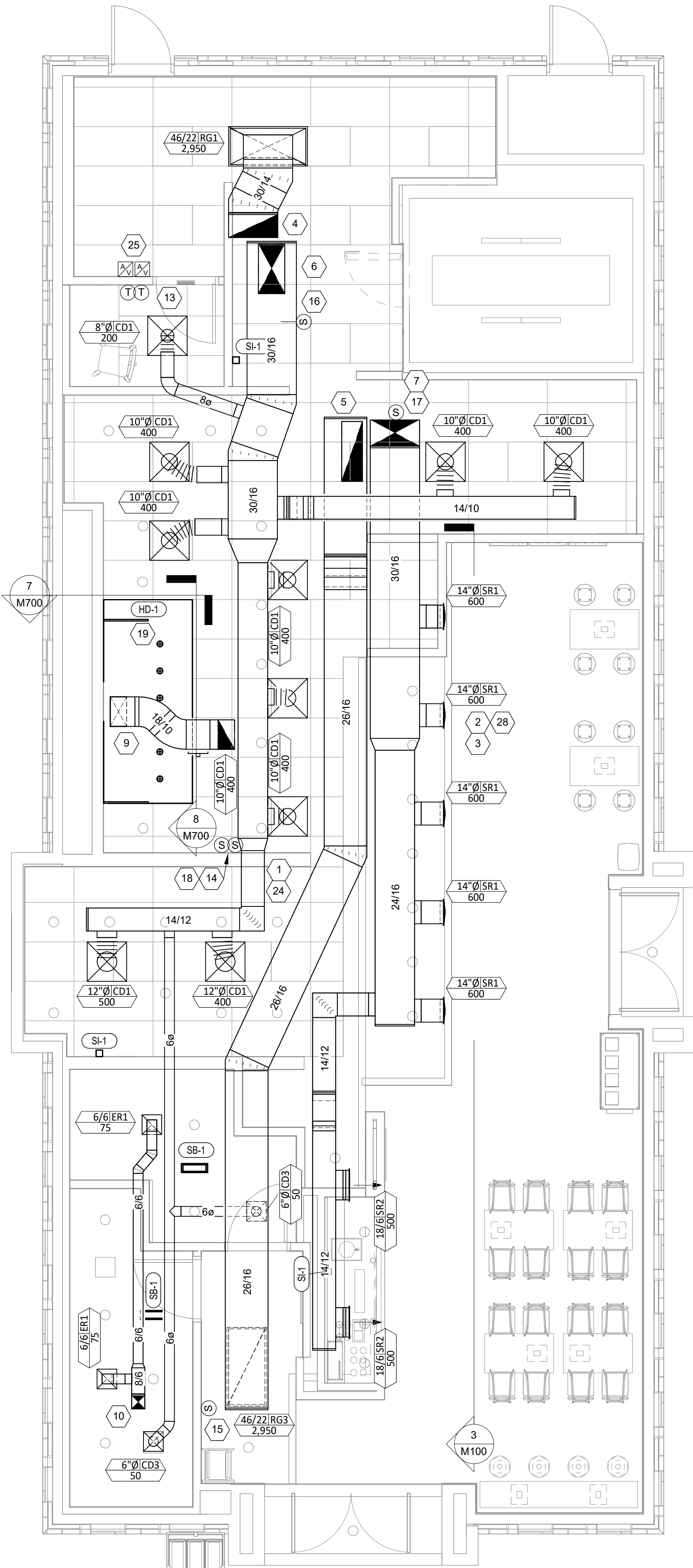
3 HVAC DINING ROOM SECTION
1/4" = 1'-0"

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 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.



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



1 HVAC FLOOR PLAN
1/4" = 1'-0"

Consultant:



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Contents:

HVAC PLAN

M100

SANITIZING EQUIPMENT SCHEDULE

FAN SCHEDULE

VIROGUARD SCHEDULE

CONDENSING UNIT SCHEDULE

KITCHEN HOOD SCHEDULE

ROOFTOP UNIT SCHEDULE

AIR BALANCE SCHEDULE

AIR TERMINAL SCHEDULE

CONTROL FUNCTIONS



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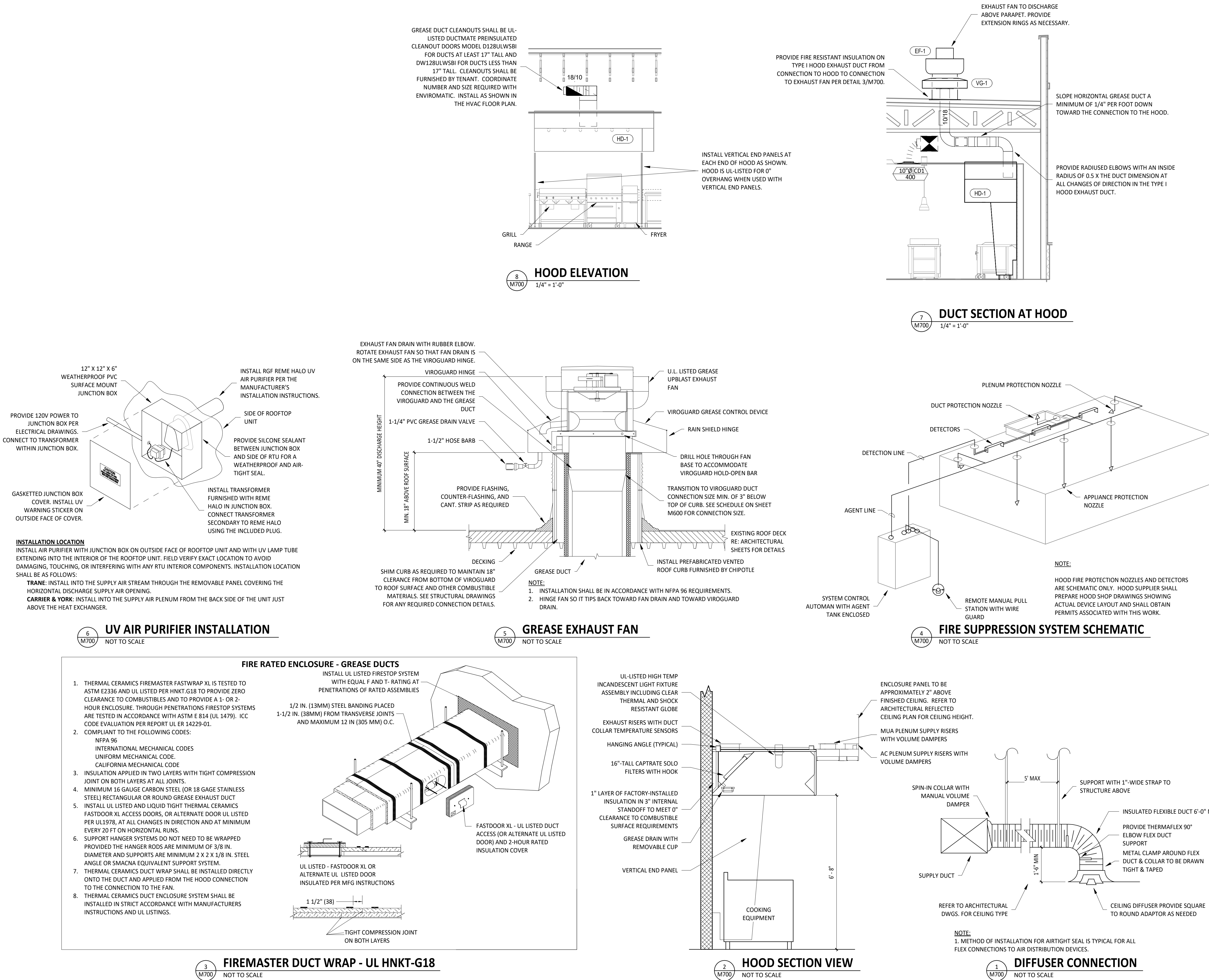
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Contents:

HVAC SCHEDULES

M600



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241093

Contents:

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 WOGs, 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.
- PART 2 - PRODUCTS
1. 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

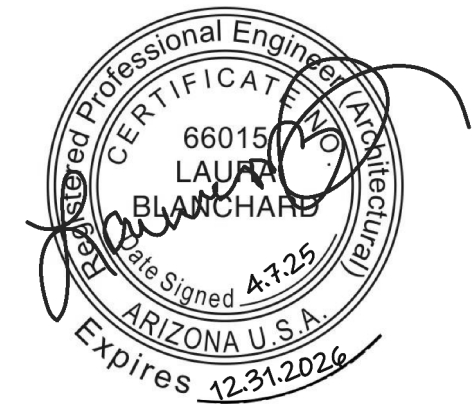
	ELBOW UP
	ELBOW DOWN
	DOMESTIC COLD WATER
	DOMESTIC FILTERED COLD WATER
	DOMESTIC SOFTENED COLD WATER
	DOMESTIC HOT WATER (110 DEGREES)
	DOMESTIC HOT WATER RECIRC.
	GAS
	GAS (ON ROOF)
	SANITARY WASTE
	GREASE WASTE
	SANITARY VENT
	CONDENSATE DRAIN
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
	WATER METER
	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 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 I COPPER TUBE

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Project No.
241093

Contents:
PLUMBING SPECIFICATIONS

P010

CONNECT TO EXISTING 1-1/2" DOMESTIC WATER SERVICE LINE. PC TO VERIFY WATER SERVICE IS CAPABLE OF DELIVERING 45 GPM AT 60 PSI AND SHALL PROVIDE A BOOSTER PUMP AS NECESSARY. FIELD VERIFY EXACT LOCATION.

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 11/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.

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 RESTROOM HAND SINK WALL CARRIER IN WALL PER PLUMBING SCHEDULE, SHEET P600. INSTALL THERMOSTATIC MIXING VALVE FURNISHED WITH HAND SINK FAUCET SECURED TO WALL BELOW HAND SINK. ALL HAND SINK PIPING AND ACCESSORIES SHALL BE FULLY CONTAINED DIRECTLY BELOW HAND SINK.

CONNECT CHEMICAL DISPENSER TO HB-1. CHEMICAL DISPENSER HAS AN INTEGRAL AIR GAP AS IS SHOWN IN DETAIL 10/P700.

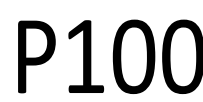
PROVIDE ASSE 1016/1070 POINT-OF-USE THERMOSTATIC MIXING VALVE, WATTS LFUSG-B, ON WATER SUPPLY TO KITCHEN HAND SINKS. PROVIDE ANGLE STOP BELOW SINK, FASTEN MIXING VALVE TO WALL, AND MAKE FINAL CONNECTION FROM ANGLE STOPS TO MIXING VALVE AND FROM MIXING VALVE TO FAUCET USING BRAIDED STAINLESS STEEL HOSE. ADJUST MIXING VALVE FOR A DISCHARGE TEMPERATURE OF APPROXIMATELY 110° F.

PROVIDE ACCESSIBLE VALVE IN WATER SUPPLY TO FIXTURE AS SHOWN.

PROVIDE 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.

TAG	DESCRIPTION	CONNECTION SIZE		ROUGH-IN TYPE	WSFU		TOTAL COUNT	TOTAL WSFU	
		CW	HW		CW	HW			
BFP-1	RPZ BACKFLOW PREVENTER	1/2"		DIRECT	0	0	0	1	0
BFP-3	RPZ BACKFLOW PREVENTER	1/2"		DIRECT	0	0	0	1	0
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)	0"	1/2"	HOSE 1/2"	0	3	3	1	3
ET-1	EXPANSION TANK	3/4"		DIRECT	0		0	1	0
HB-1	CHEMICAL DISPENSER HOSE BIB	1/2"	1/2"	MIP	2.25	2.25	3	2	6
HB-2	VEGETABLE WASH HOSE BIB	1/2"		MIP	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"	ANGLE 3/8"	1.5	1.5	2	3	6
IM-1	ICE MAKER - BOH	1/2"		HOSE 1/2"	1		1	1	1
IM-2	ICE MAKER - SODA	1/2"		HOSE 1/2"	1		1	1	1
IM-3	ICE MAKER - SODA	1/2"		HOSE 1/2"	1		1	1	1
MB-1B	MOP SINK FAUCET	1/2"	1/2"	MIP	2.25	2.25	3	1	3
PF-1	SPEED FILL FAUCET	3/8"		MIP	1.5		1.5	1	1.5
RH-1	FREEZE PROOF ROOF HYDRANT	3/4"		DIRECT	1		1	1	1
SC-1	BAG-IN-BOX SODA RACK WITH CARBONATORS	1/2"		ANGLE 3/8"	1		1	1	1
SK-1	THREE COMPARTMENT SINK	1/2"	1/2"	ANGLE 1/2"	3	3	4	1	4
SK-2	PREP SINK	3/4"	3/4"	ANGLE 3/4"	3	3	4	1	4
TP-3	TRAP PRIMER (THREE-FOUR FLOOR DRAINS)	1/2"		DIRECT	0		0	2	0
WC-1	WATER CLOSET	1/2"		ANGLE 3/8"	2		2	2	4
WH-1	FREEZE PROOF WALL HYDRANT	3/4"		DIRECT	1		1	2	2
WS-1	WATER SOFTENER	1"		DIRECT	0		0	1	0
GRAND TOTAL									44

14. INSTALL RG6 IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS.
15. 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 PREP SINK FAUCET USING 3/4" BRAIDED STAINLESS STEEL WATER HEATER CONNECTOR HOSE.
16. PROVIDE 1/2" HOT WATER TO THE DISH MACHINE AT 66" AFF ABOVE LEFT SIDE OF DISH MACHINE, MAKING FINAL CONNECTION USING HOSE FURNISHED WITH DISH MACHINE. PROVIDE WATER HAMMER ARRESTOR ON HOT WATER LINE.
17. 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.
18. PROVIDE FILTERED DOMESTIC WATER ROUGH-IN FOR THE SPEED FILL POT FILLER FAUCET (PF-1) AT 42" AFF. SEE ARCHITECTURAL ELEVATION FOR DETAIL.
19. NOT USED.
20. INSTALL RG6 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.
21. 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.
22. 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).
23. REPLACE STOCK WATER COLD HANDLE WITH UNIVERSAL CABLE-OPERATED HANDLE (FLUSHMATE AP300503 OR AP300504 - FIELD VERIFY COMPATIBILITY WITH FLUSHMATE SYSTEM IN WATER CLOSET).
24. PROVIDE WATER SOFTENER WS-1 PER DETAIL 19/P700.

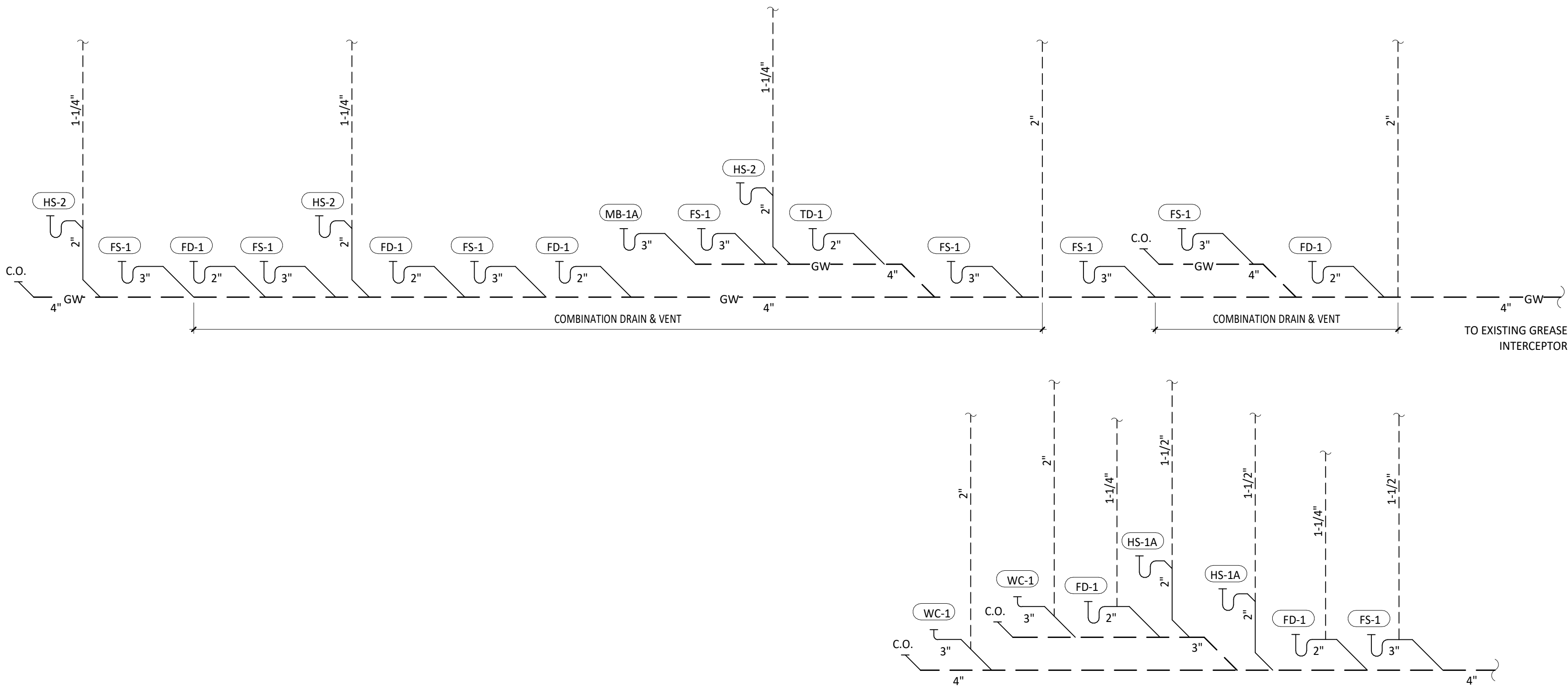


PLUMBING WASTE AND VENT PLAN NOTES

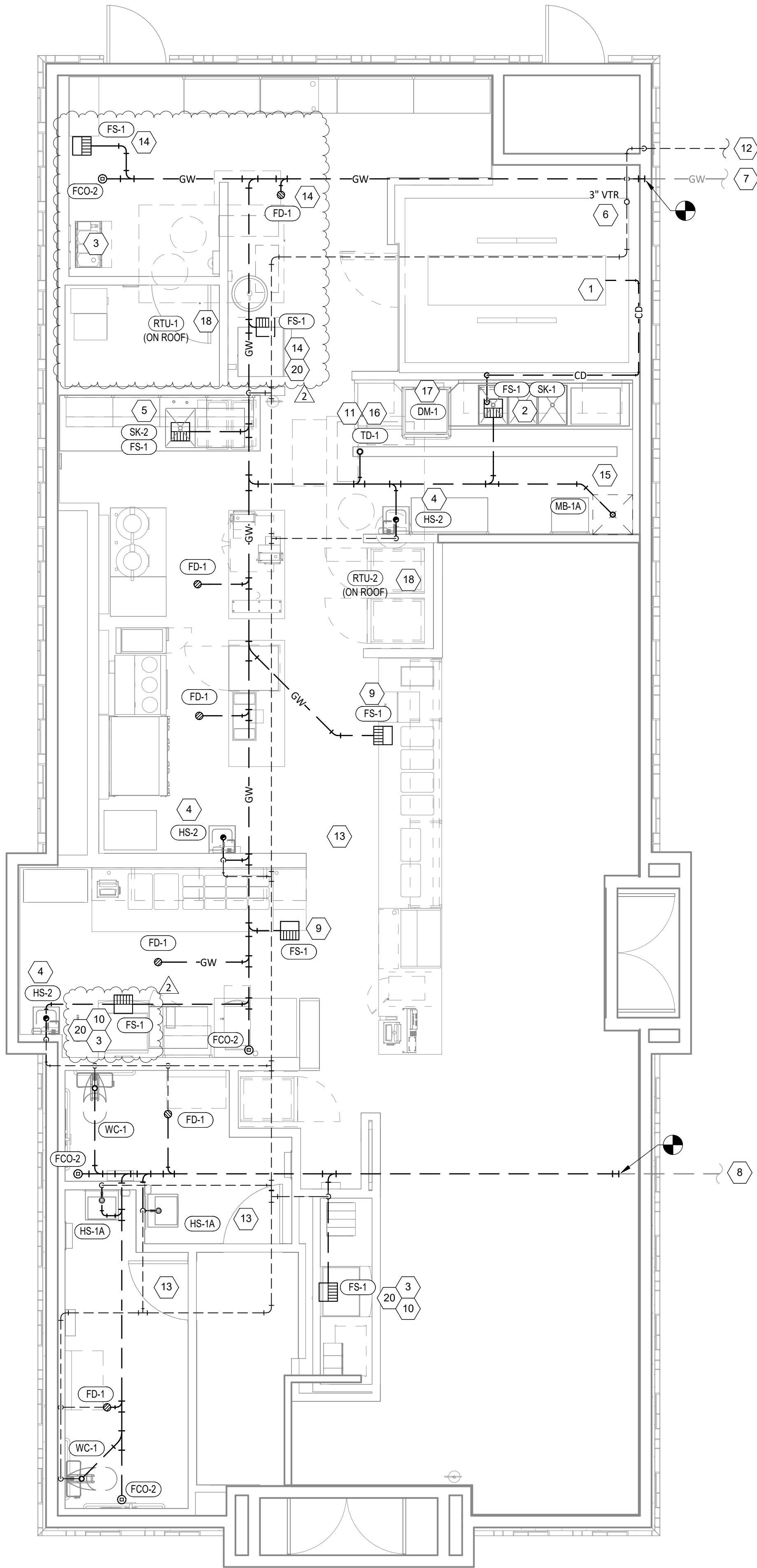
- 1 PROVIDE 3/4" CONDENSATE DRAIN FROM THE WALK-IN COOLER EVAPORATOR TO THE FLOOR SINK BELOW AS SHOWN. SLOPE CONDENSATE DRAIN A MINIMUM OF 1" PER FOOT. HOLD EXPOSED CONDENSATE DRAIN IN WALK-IN COOLER AS HIGH AS POSSIBLE. CONCEAL DRAIN PIPING WITHIN FRAMED WALLS AS SHOWN. DISCHARGE THROUGH AN AIR GAP. 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 ALL HANDSINK DRAINS/TRAPS SHALL BE CHROME FINISH.
- 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 CONNECT TO EXISTING 4" GREASE WASTE PIPE LEADING TO EXISTING GREASE INTERCEPTOR. FIELD VERIFY EXACT LOCATION.
- 8 CONNECT TO EXISTING 4" SANITARY SEWER PIPE. FIELD VERIFY EXACT LOCATION.
- 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.
- 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 PROVIDE 2" VENT TO EXISTING GREASE INTERCEPTOR IF NONE EXISTING. FIELD VERIFY EXACT LOCATION OF EXISTING GREASE INTERCEPTOR.
- 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 SINK 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.
- 20 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.

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-2	FLOOR CLEANOUT (4")	4"	0	4	0
FD-1	FLOOR DRAIN	2"	2	6	12
FS-1	FLOOR SINK	3"	5	8	40
GI-1	GREASE INTERCEPTOR	4"	0	1	0
HS-1A	RESTROOM HAND SINK	2"	1	2	2
HS-2	KITCHEN HAND SINK	2"	1	3	3
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					76



2 P110 SANITARY WASTE & VENT DIAGRAM NOT TO SCALE



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

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Contents:

PLUMBING PLAN
WASTE & VENT

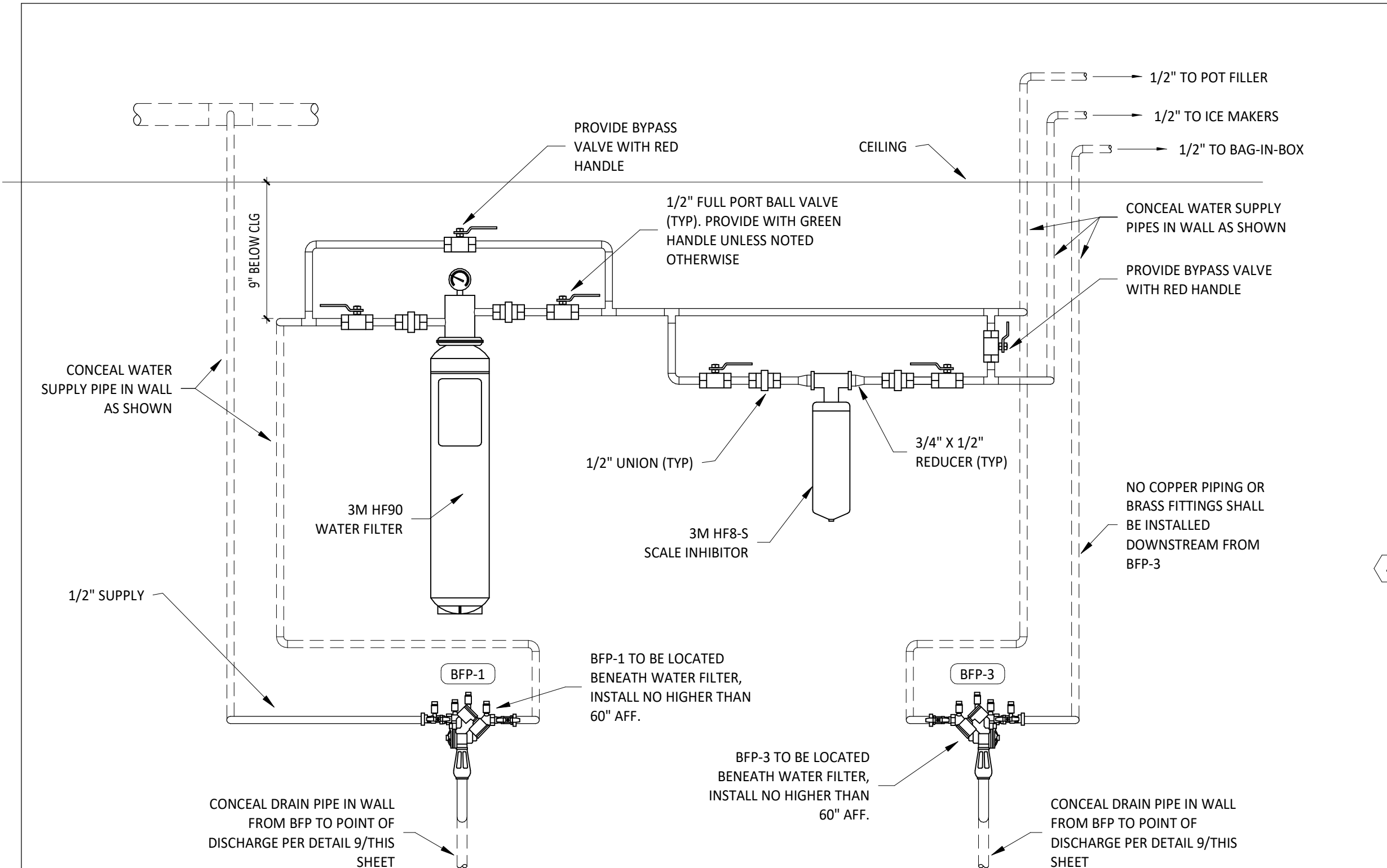
P110



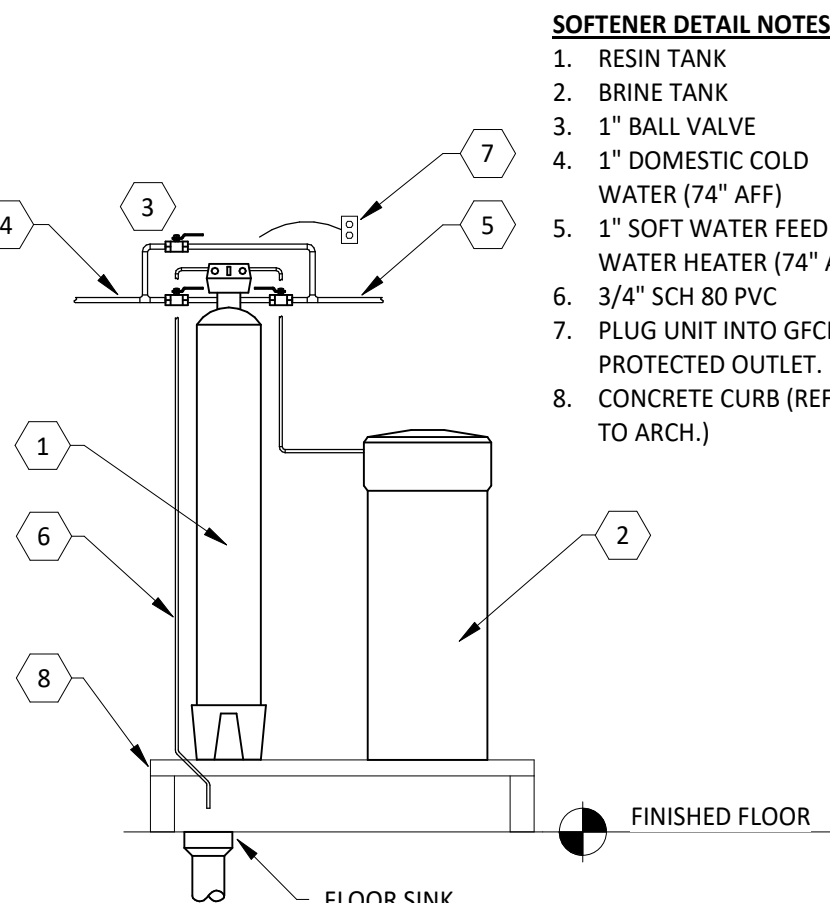
STORE NO.: 5637

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	
BFP-3	RPZ BACKFLOW PREVENTER	GC	GC	CONBRACO	40-203-T2S	STAINLESS STEEL 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"	1/2"	5/8"	0	3	3	7
ET-1	EXPANSION TANK	GC	GC	AMTROL	ST-5	2 GALLON CAPACITY	1	3/4"			0		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	6	1/2"		2"				2
FS-1	FLOOR SINK	GC	GC	SIOUX CHIEF	861-3PU2	HEAVY DUTY PVC FLOOR SINK WITH ALUMINUM DOME BOTTOM STRAINER AND OPEN HALF PVC GRATE	8			3"				5
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	AMERICAN STANDARD	9024.001EC	ADA-ACCESSIBLE, WALL-MOUNTED, PORCELAIN LAVATORY. PROVIDE ZURN 2131 (2131-D FOR BACK-TO-BACK APPLICATIONS) CONCEALED ARM CARRIER IN WALL.	2			2"				1
HS-1B	RESTROOM HAND SINK FAUCET	KES	GC	SEE ARCH	--	METERED FAUCET WITH 0.5 GPM AERATOR AND FURNISHED WITH THERMOSTATIC MIXING VALVE. ADJUST FAUCET CONTROLS FOR 30 SECOND RUN TIME.	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 BACKSPASH MOUNTED FAUCET WITH SWIVEL GOOSENECK	3	1/2"	1/2"	2"	1.5	1.5	2	1
IM-1	ICE MAKER - BOH	KES	KES	SEE ARCH	--	BACK OF HOUSE ICE MAKER WITH BIN (STANDARD CAPACITY REMOTE AIR COOLED)	1	1/2"			1		1	
IM-2	ICE MAKER - SODA	KES	KES	SEE ARCH	--	SODA MACHINE-MOUNTED ICE MACHINE (INTEGRAL AIR COOLED)	1	1/2"			1		1	
IM-3	ICE MAKER - SODA	KES	KES	SEE ARCH	--	SODA MACHINE-MOUNTED ICE MACHINE (REMOTE AIR COOLED)	1	1/2"			1		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	
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	
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	GC	GC	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	

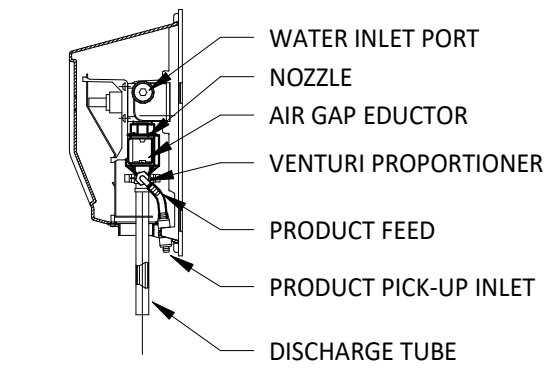
TAG	DESCRIPTION	ELECTRICAL	FURNISHED	INSTALLED	BASIS FOR DESIGN		REMARKS
		V/P/H	BY	BY	MANUFACTURER	MODEL	
DWH-1	WATER HEATER (ELECTRIC HEAT PUMP TANK)	208/1/60	WHS	GC	A.O. SMITH	CHP-120	TANK VOLUME: 119 GALLONS RECOVERY: 129 GAL/HR @ 70°F RISE IN HYBRID MODE



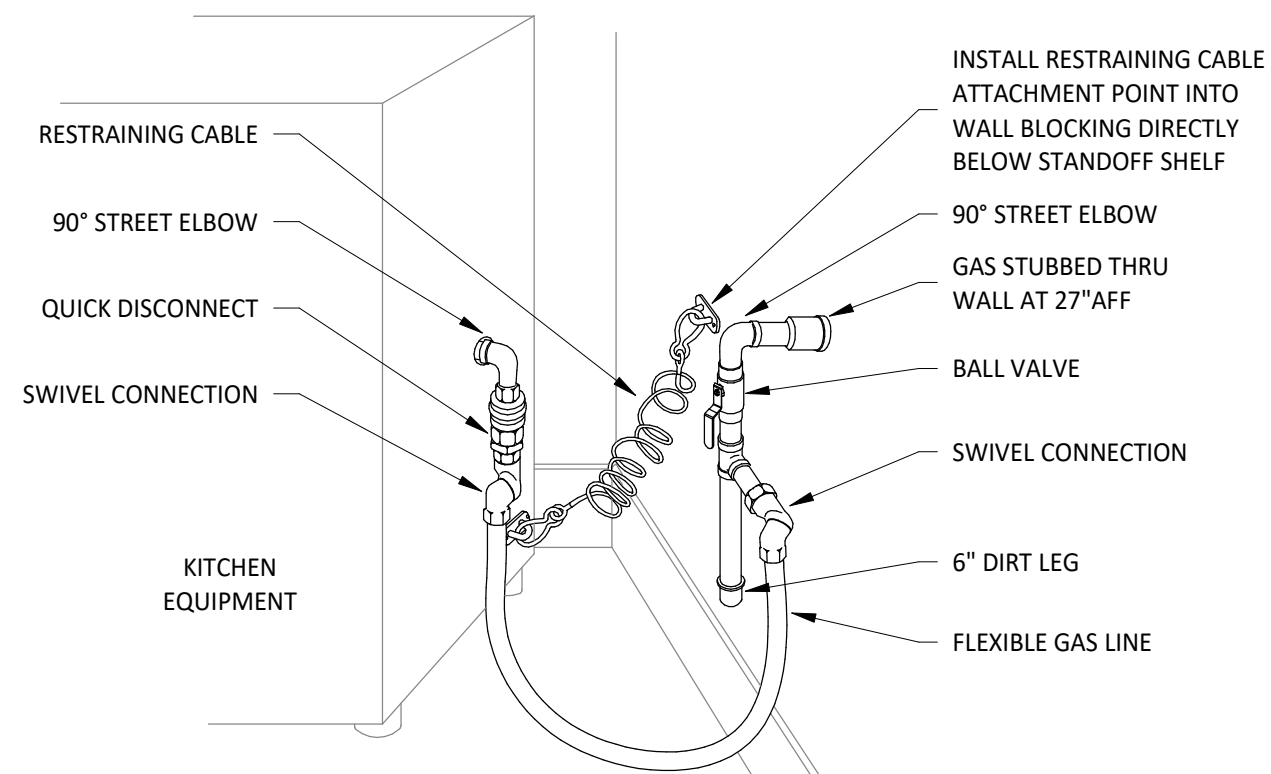
11
P700
WATER FILTRATION DETAIL
NOT TO SCALE



19
P700
WATER SOFTENER DETAIL
NOT TO SCALE

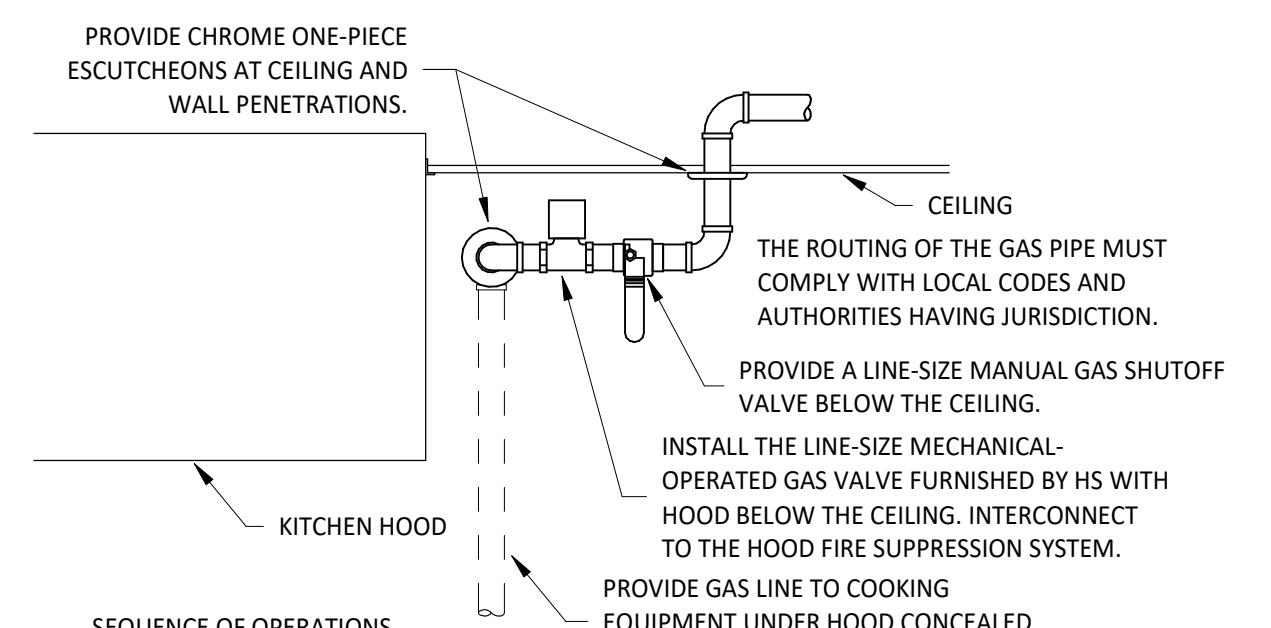


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CHEMICAL DISPENSER DETAIL
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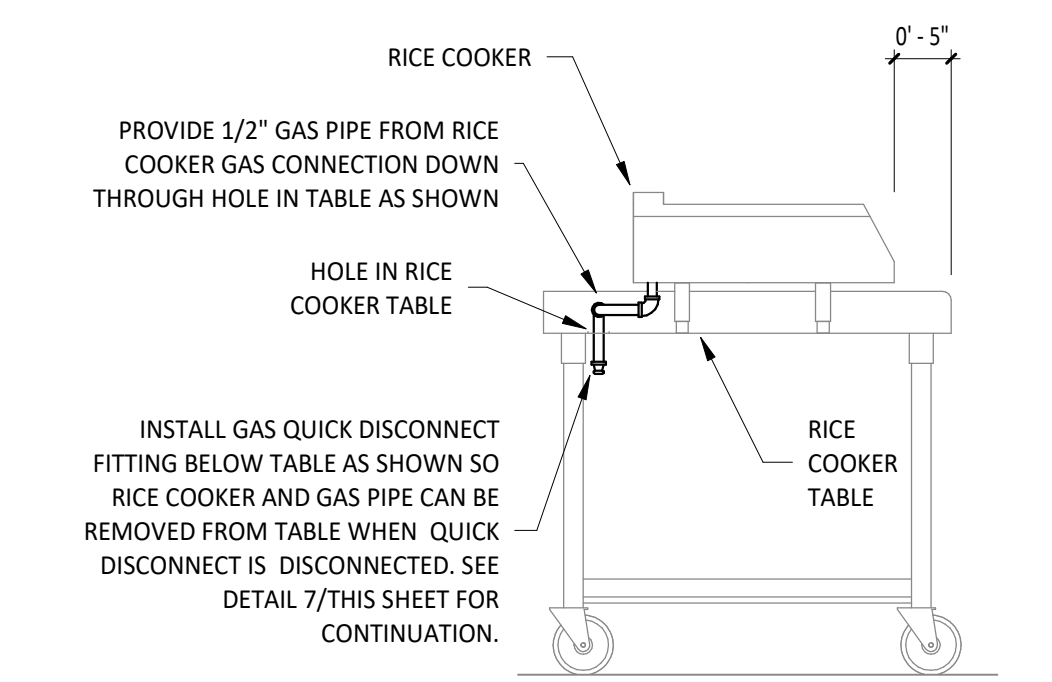


ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT ACTUAL CONDITIONS. MAKE FINAL CONNECTION TO EQUIPMENT AS RECOMMENDED BY MANUFACTURER. PROVIDE WELDED FITTINGS/JOINTS IN ANY CONCEALED, UNSLEEVED LOCATION.

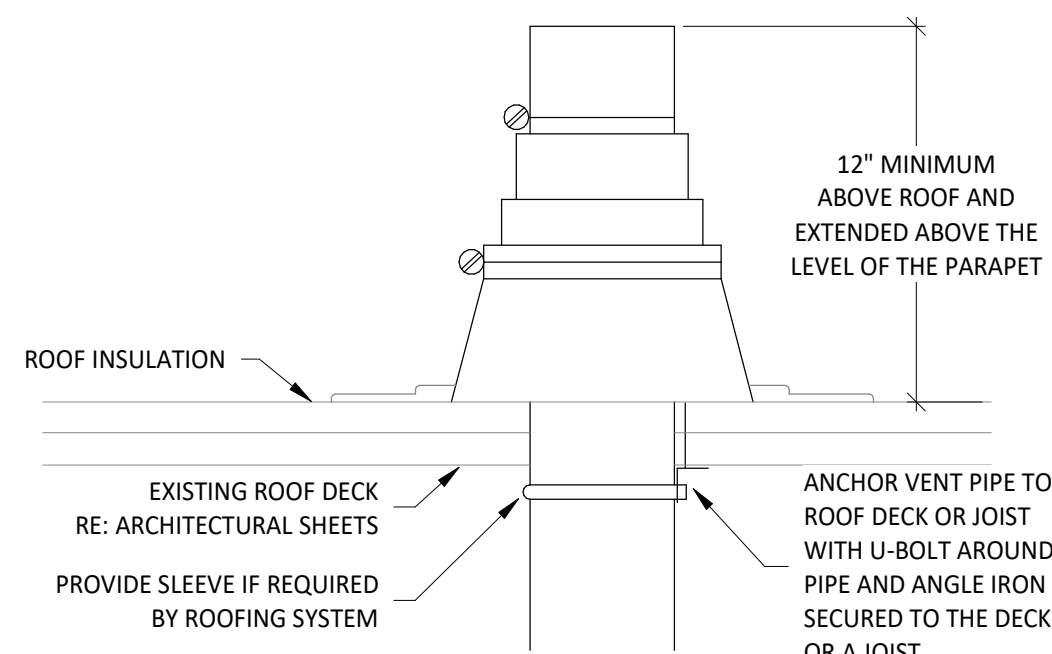
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KITCHEN GAS EQUIPMENT DETAIL
NOT TO SCALE



4
P700
KITCHEN GAS SHUTOFF DETAIL
NOT TO SCALE

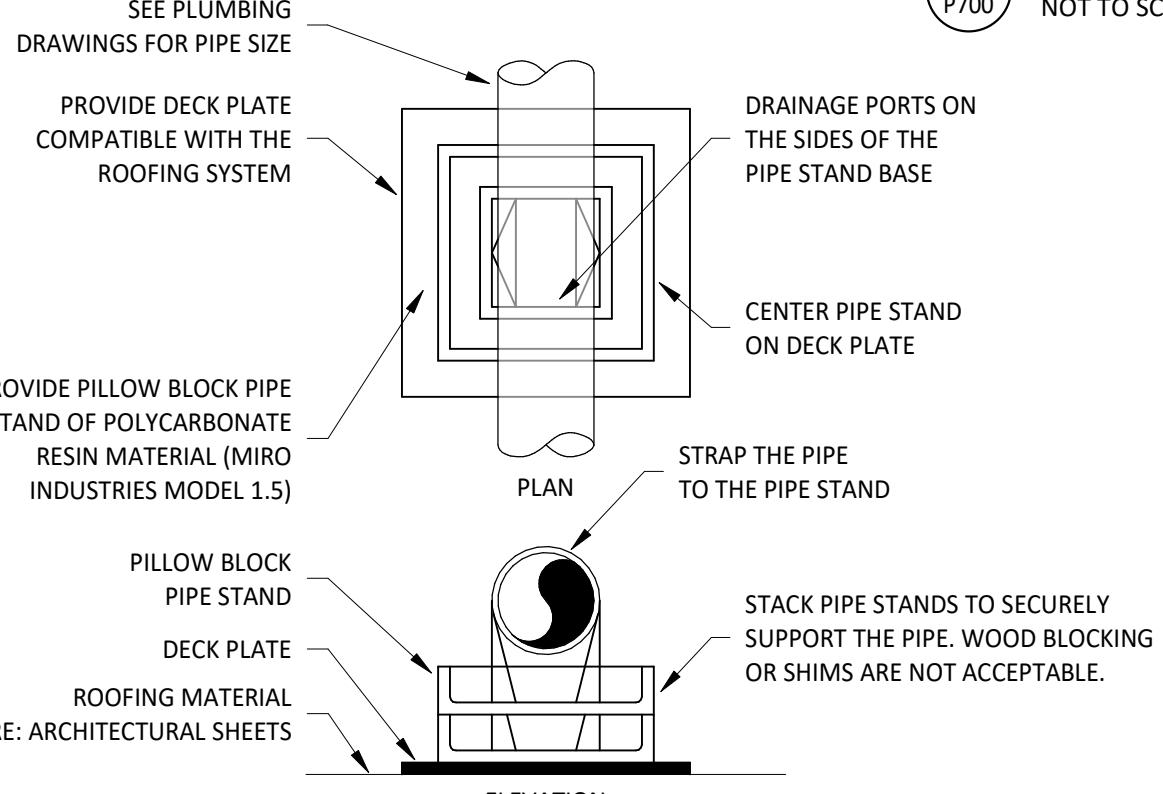


6
P700
RICE COOKER GAS CONNECTION DETAIL
NOT TO SCALE

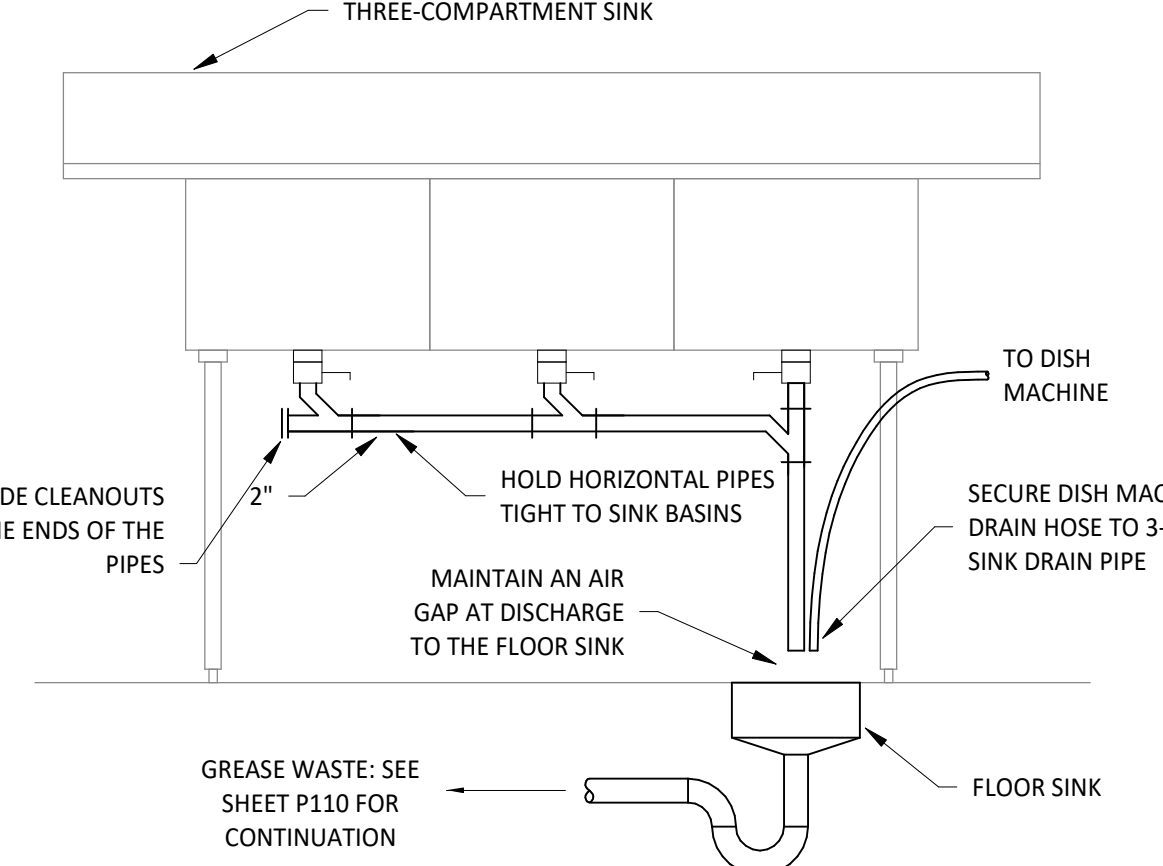


REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, AND ONE FOOT FROM ANY VERTICAL SURFACE. PROVIDE 1" FIBERGLASS INSULATION WITH ALL-SERVICE JACKET ON VENT PIPE INSIDE BUILDING WITHIN SIX FEET OF VENT THRU ROOF LOCATION. FLASHING AND COUNTER FLASHING ARE TO BE COMPATIBLE WITH THE ROOFING SYSTEM.

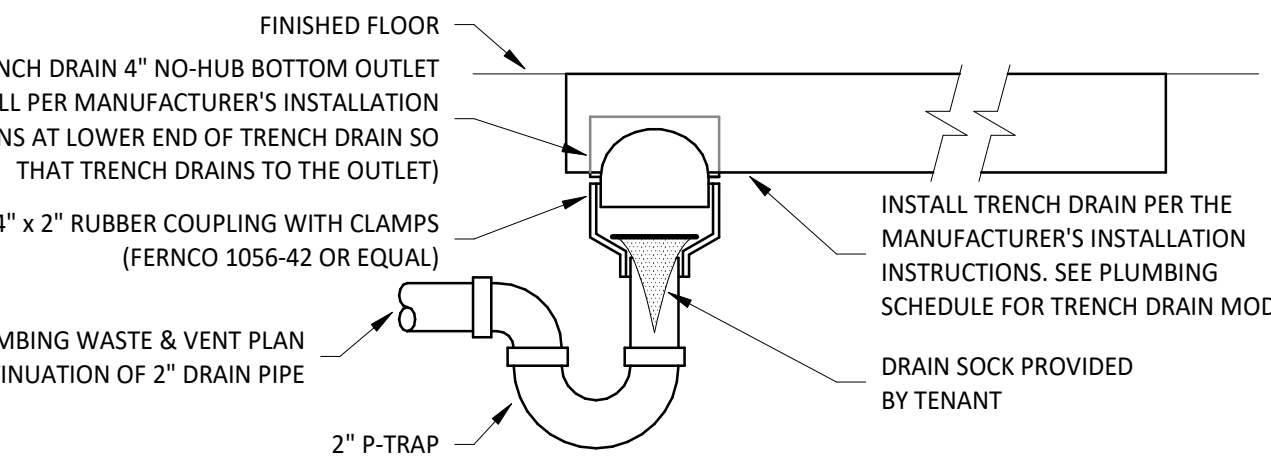
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VENT THROUGH ROOF
NOT TO SCALE



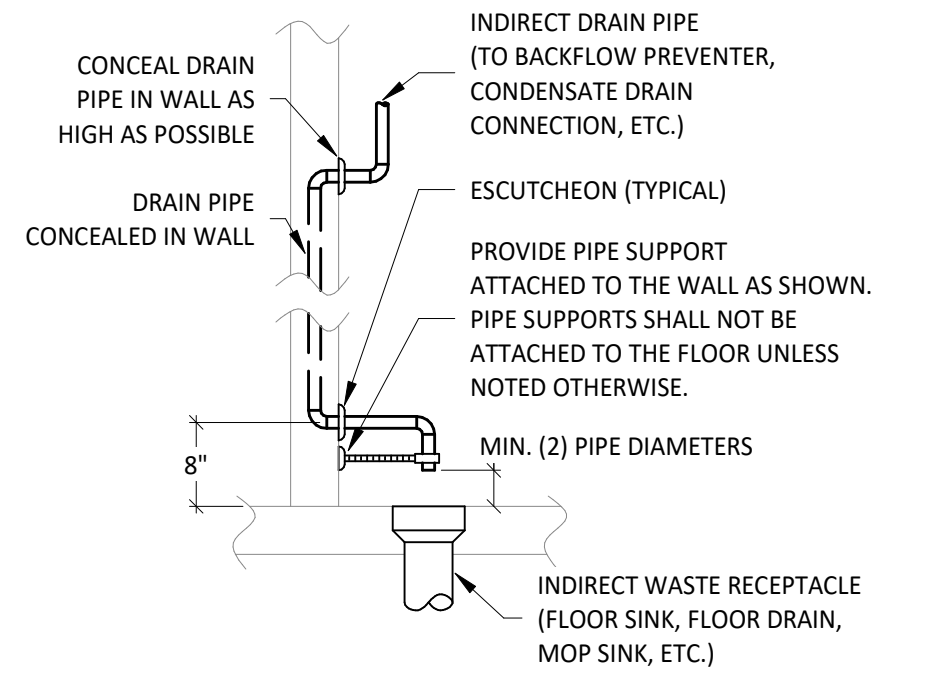
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ROOFTOP PIPING SUPPORT
NOT TO SCALE



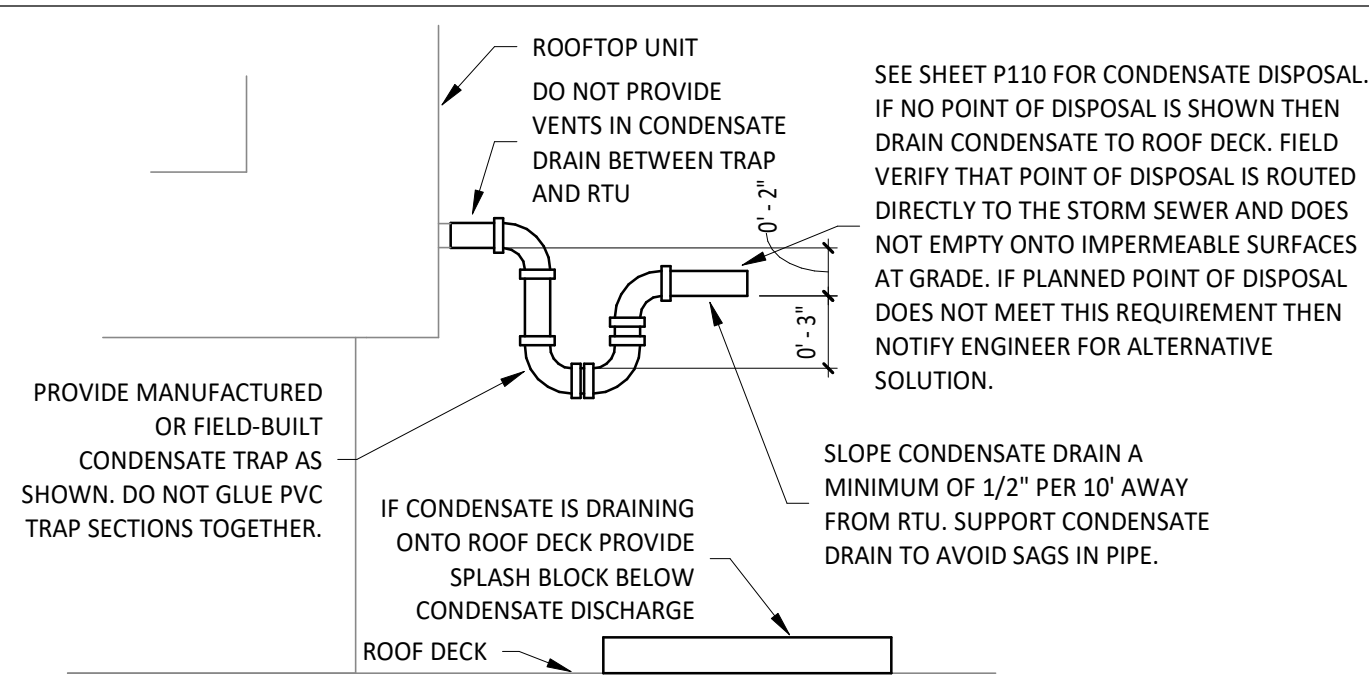
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WARE-WASHING SINK DETAIL
NOT TO SCALE



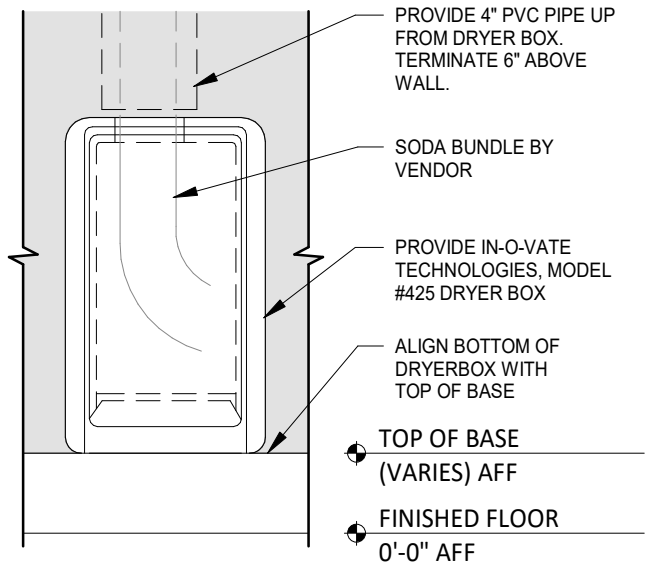
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TRENCH DRAIN DETAIL
NOT TO SCALE



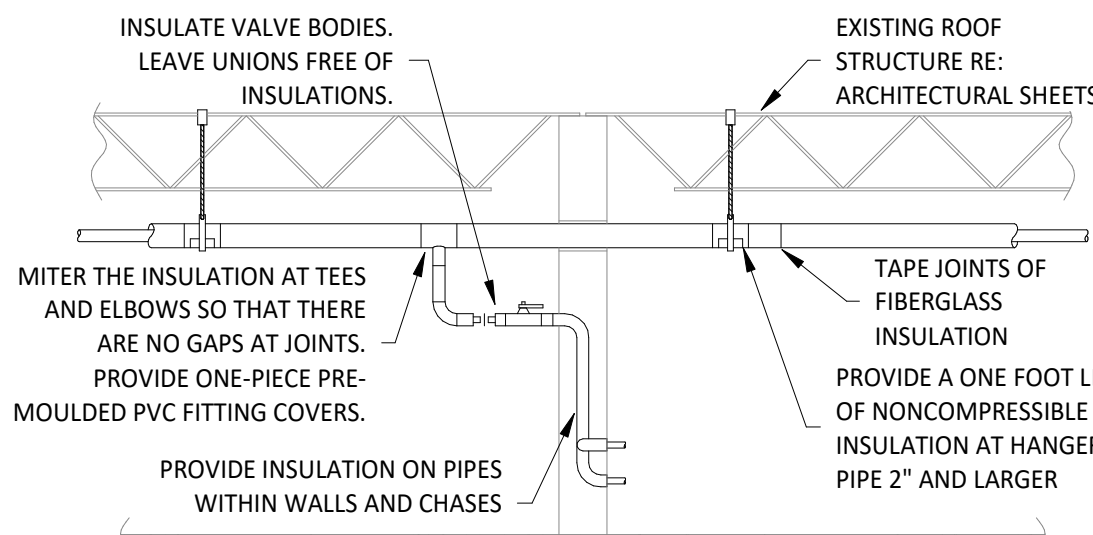
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P700
INDIRECT WASTE PIPING DETAIL
NOT TO SCALE



13
P700
RTU CONDENSATE TRAP DETAIL
NOT TO SCALE



12
P700
SODA TERMINATION DETAIL
NOT TO SCALE



8
P700
PIPE INSULATION DETAIL
NOT TO SCALE

WATER HEATER DETAIL NOTES

1. PROVIDE RECIRCULATION PUMP P-1 (BELL & GOSSETT PL-30 OR EQUIVALENT) AS SHOWN. SUPPORT PUMP FROM WALL OR STRUCTURE ABOVE. THE PUMP SHALL BE CONTROLLED BY A TIME CLOCK SET FOR THE OCCUPIED HOURS OF THE STORE AND AN AQUASTAT INSTALLED ON THE RECIRC. PIPE UPSTREAM FROM THE PUMP.
2. PROVIDE LINE-SIZE CHECK VALVES IN COLD AND RECIRCULATION WATER PIPES AS SHOWN.
3. PROVIDE EXPANSION TANK ET-1 AS SHOWN. SUPPORT TANK FROM WALL OR STRUCTURE ABOVE.
4. PROVIDE PRESSURE RELIEF VALVE. PIPE PRESSURE RELIEF VALVE TO POINT OF DISCHARGE.
5. INSULATE EXPOSED AND CONCEALED HOT AND COLD WATER PIPING TO WITHIN 3" OF THE WATER HEATER.
6. PROVIDE LINE-SIZE BALL VALVES IN COLD AND HOT WATER PIPES AS SHOWN.
7. IF THE COLD OR HOT PIPE LINE SIZE AS SHOWN ON THE PLUMBING PLANS IS LARGER THAN THE WATER HEATER CONNECTION SIZES, PROVIDE REDUCERS WITHIN 6" OF THE WATER HEATER.
8. PIPE PRESSURE RELIEF VALVE DISCHARGE TO THE FLOOR DRAIN. DRAIN THROUGH AN AIR GAP.
9. PROVIDE HEAT TRAPS AT INLETS AND OUTLETS.

WATER HEATER GENERAL NOTES

- A. CLEAN INLET STRAINERS AFTER CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO TURNOVER OF THE BUILDING TO THE TENANT.
- B. INSTALL PIPING WITH AS FEW ELBOWS AS POSSIBLE.
- C. MAINTAIN REQUIRED CLEARANCE TO COMBUSTIBLE MATERIALS.
- D. ADJUST WATER HEATER TO A SETPOINT OF 120° F.

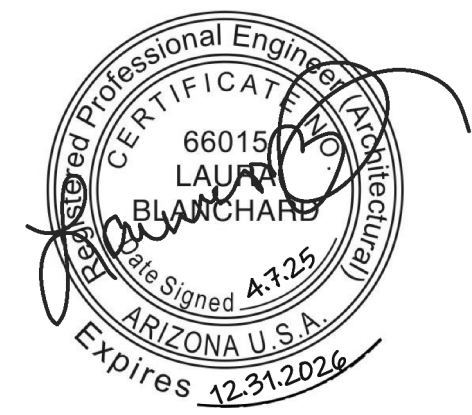
1
P700
WATER HEATER DETAIL
NOT TO SCALE

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Contents:

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 8FCR MVOLT HLK FM DTC CPTLE1	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	SALO6P-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

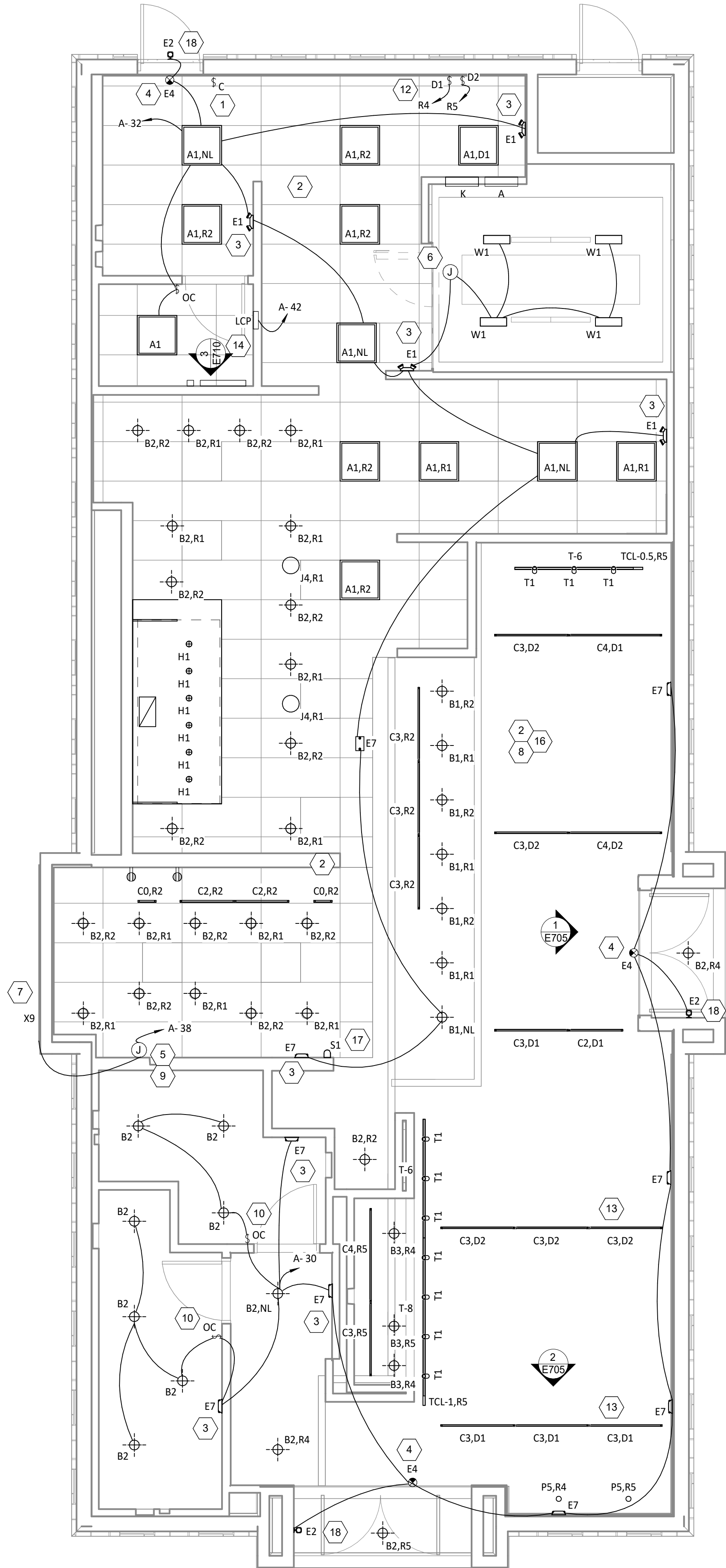
TAG	COUNT	DESCRIPTION	MOUNTING	VOLTAGE	WATTS	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN			REMARKS
								MANUFACTURER	MODEL	LAMP	
A1	12	2x2 LED LENSED TROFFER	LAY-IN	120 V	30 W	TLS	GC	NORA LIGHTING	NPDBL-E22/334 W	INTEGRAL 3000K LED	COMPATIBLE WITH 0-10V DIMMING, FACTORY LOCKED TO 3000K
B1	7	RECESSED 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	34	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	3	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	3	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	13	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	3	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	4	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	TLS	GC	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
H1	6	VAPOR PROOF HOOD LIGHT	SURFACE	120 V	15 W	HS/TLS	HS	FURNISHED W/ HOOD	FURNISHED W/ HOOD	(1) SATCO S28652	INSTALL LAMP FURNISHED SEPARATELY BY LIGHTING SUPPLIER
J4	2	DECORATIVE PENDANT	PENDANT	120 V	9 W	TLS	GC	BARNLIGHT	BLE-C-BRN-100-ASH-SB K-100-NA-GU24	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
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" (11100). USE VOLUME BUTTON OR ROTARY VOLUME CONTROL TO ADJUST VOLUME TO LOWEST LEVEL PER MANUFACTURER'S INSTRUCTIONS.
T1	10	TRACK HEAD	TRACK	120 V	10 W	TLS	GC	JUNO	R60SL 30K 90CRI PDIM WFL BL	INTEGRAL LED	BLACK CYLINDER TRACK HEAD W/ UNIVERSAL 120V TRAC ADAPTER AND WIDE FLOOD BEAM
T-6	2	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-1	1	TRACK CURRENT LIMITER (120W)	SURFACE	120 V	0 W	TLS	GC	JUNO	TCLFM11 BL W/ TCLCB 1A 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	1	EXTERIOR LED CHANNEL LIGHT	SURFACE	120 V	40 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.
C. LIGHT BULBS SHALL BE SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT IN AREAS WHERE THERE IS EXPOSED FOOD

ELECTRICAL LIGHTING PLAN NOTES

- INSTALL WALL-MOUNTED LIGHTING OVERRIDE SWITCH AND CONNECT TO LCP AS SHOWN IN DETAIL 6/E710
- FOR UNCIRCUITED LIGHT FIXTURES, CONNECT TO RELAY CIRCUIT INDICATED NEXT TO THE FIXTURE TAG THROUGH THE LIGHTING CONTROL PANEL (LCP) UNLESS NOTED OTHERWISE.
- WALL MOUNT THE EMERGENCY LIGHT FIXTURE AT 6" BELOW THE CEILING UNLESS NOTED OTHERWISE
- 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.
- 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.
- 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.
- FIXTURE(S) EXISTING BY SHELL. CIRCUIT AS SHOWN.
- PROVIDE UNISTRUT AS SHOWN ON THE ARCHITECTURAL RCP PER THE ARCHITECTURAL UNISTRUT DETAIL. TYPICAL.
- CONNECT EXTERIOR LIGHTING CIRCUIT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL PER DETAIL 6/E710.
- 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.
- NOT USED.
- 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%.
- 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.
- INSTALL LIGHTING CONTROL SYSTEM PER DETAIL 6/E710.
- NOT USED.
- 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.
- 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.
- INSTALL E2 REMOTE EMERGENCY LIGHT TO BOTTOM OF CANOPY. CONCEAL LOW VOLTAGE WIRING FROM EXIT SIGN TO REMOTE EMERGENCY LIGHT.



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

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ELECTRICAL
LIGHTING PLAN

E100

SHOW ROOM WINDOW RECEPTACLE. COORDINATE EXACT RECEPTACLE MOUNTING HEIGHT IN THE FIELD. LOCATION SHALL BE THE DRYWALL IMMEDIATELY ABOVE THE MAIN STORE-FRONT WINDOW AND AS SHOWN IN THE DINING ROOM ELECTRICAL ELEVATIONS ON SHEET E700.

5. ICE MACHINE ELECTRICAL TIE-IN. COORDINATE EXACT LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.

6. CONNECT RECEPTABLES 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 RECEPTABLES ARE DE-ENERGIZED UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM.

7. JUNCTION BOX FOR EXTERIOR SIGN LIGHTING. COORDINATE EXACT LOCATION WITH CHIPWOTE'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.

8. PROVIDE A SINGLE GANG VERTICAL JUNCTION BOX FOR THE KITCHEN EXHAUST SUPPRESSION SYSTEM 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 KITCHEN EXHAUST SUPPRESSION SYSTEM INSTALLER AND THE FIRE MARSHALL PRIOR TO ROUGH-IN.

9. HOOD CONTROL PANEL AND KITCHEN EXHAUST SUPPRESSION SYSTEM CABINET SHALL BE LOCATED WITHIN THE INTERIOR HOOD UTILITY CABINET. PROVIDE FINAL ELECTRICAL CONNECTIONS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.

10. PROVIDE J-BOX ABOVE LAY-IN CEILING FOR FUTURE MINI SPLIT INDOOR UNIT. VERIFY EXACT LOCATION WITH TENANT PRIOR TO ROUGH-IN.

11. PROVIDE AN EMPTY SINGLE GANG J-BOX FOR VOLUME CONTROLS. INSTALL 16/2 SPEAKER WIRE FURNISHED BY M55 FROM THE J-BOX TO THE AMPIFIER IN THE OFFICE WITH 3 FEET OF SLACK AT EACH END.

12. COORDINATE DATA/POWER RECEPTACLE MOUNTING REQUIREMENTS WITH THE CASE WORK INSTALLER PRIOR TO ROUGH-IN.

13. PROVIDE ROUGH-INS FOR LAUNCHPOD AS NOTED. LAUNCHPOD WILL BE FURNISHED AND INSTALLED BY CHIPWOTE WITH THE WALLSTATION AT 62" AFF. PROVIDE A 4" X 2 1/8" DEPT 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.

14. PROVIDE (2) EMPTY 2" CONDUITS WITH PULL STRINGS FROM THE BASE BUILDING'S TELEPHONE AND DATA SERVICE ENTRANCE LOCATIONS TO THE SPACE ABOVE THE OFFICE CEILING. TERMINATE WITH CONDUIT BUSHING.

15. 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 VIRGUARDUARD SYSTEM IS INSTALLED.

16. AFTER THE FAX LINE, POS, AND OFFICE EQUIPMENT IS INSTALLED PROVIDE CHILDPROOF RECEPTACLE COVERS ON UNUSED IG RECEPTABLES AT THE FAX LINE, POS, AND OFFICE.

17. PROVIDE ONE PHASE, ONE NEUTRAL, AND ONE GROUND CONDUCTOR FROM THE ICE MAKER TO THE REMOTE CONDENSING UNIT.

18. UNIT SHALL HAVE AN INTEGRAL NON-FUSED DISCONNECT SWITCH.

19. PROVIDE 3" CONDUIT (EMT, IMC, OR RMC) THROUGH ROOF. TERMINATE WITH WEATHERHEAD EVEN WITH TOP OF PARAPET FOR FUTURE CELL BOOSTER. REQUIRE CONDUIT TO STRUCTURE TO SUPPORT FUTURE ANTENNA INSTALLATION. PROVIDE 1/4" X 2" X 10" 16-HOLE GROUNDING BUSBAR (BUNBBS 88B14210A OR EQUAL) MOUNTED TO CONDUIT ABOVE ROOF FOR FUTURE CONNECTION OF LIGHTNING ARRESTORS. PROVIDE #2 CU GROUND FROM BUSBAR TO MAIN ELECTRODE GROUNDING CONDUCTOR.

20. NOT USED.

21. ROUGH-INS TO SERVE LINE AND POS EQUIPMENT ARE UNDERGROUND. COORDINATE ROUGH-IN REQUIREMENTS AND LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.

22. ROOFTOP UNIT SHALL HAVE AN INTEGRAL UNIT-MOUNTED GFCI RECEPTACLE. PROVIDE CONNECTION TO CIRCUIT SHOWN.

23. ICE MAKER RECEPTABLES SHALL BE CONCEALED BEHIND THE ICE MAKER. COORDINATE LOCATION WITH ACTUAL WIDTH OF ICE MAKER.

24. PROVIDE WEATHERPROOF WHILE IN USE OUTLET COVERS ON RECEPTABLES AT COOK LINE. COVERS SHALL BE HUBBELL TAYMAC MX215DS. NO SUBSTITUTIONS SHALL BE ACCEPTED.

25. LABEL BATTERY-PROTECTED RECEPTABLES "BATTERY-PROTECTED: DISCONNECT AT PANEL BDP".

26. LABEL MAIN DISCONNECT SWITCH AND PANEL A "WARNING: BATTERY-PROTECTED RECEPTABLES IN USE. DISCONNECT AT PANEL BDP."

27. NOT USED.

28. CONNECT RESTROOM EXHAUST FAN TO CIRCUIT SHOWN THROUGH THE LIGHTING CONTROL PANEL (LCP).

29. INSTALL 16/2 SPEAKER WIRE FURNISHED BY OWNER. INSTALL SPEAKER WIRE BETWEEN SPEAKERS IN THE DINING ROOM AS SHOWN 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.

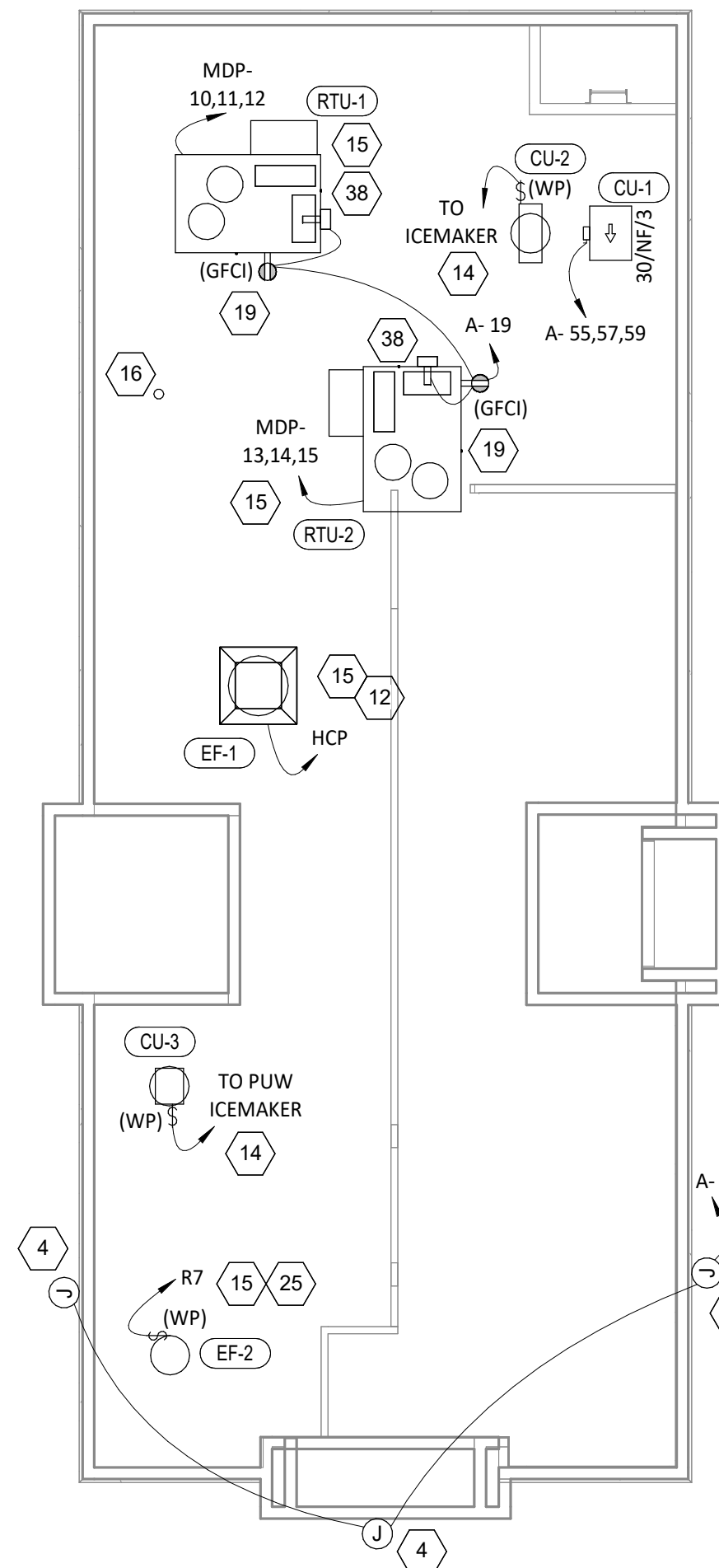
30. PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTABLES IN TWO J-BOXES INTEGRAL TO PREP TABLE FOR HOT HOLDING CABINET AND GENERAL RECEPTACLE.

31. PROVIDE GFCI RECEPTACLE AND J-BOX AND INSTALL CO2 ALARM FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.

32. PROVIDE J-BOX AND INSTALL CO2 ALARM REMOTE DISPLAY UNIT FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.

33. 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.

34. PANEL TO BE SUPPLIED WITH EXTERNAL CLASS A GFCI DEVICES. THESE DEVICES ARE TO BE INSTALLED IN AN ACCESSIBLE LOCATION ADJACENT TO PANEL K.



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

30 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 PROVIDE FIELD-SUPPLIED CORD FOR ELECTRIC RANGE CIRCUIT.

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 TUV WITH THE REME HALO AIR PURIFIER IN THE JUNCTION BOX ON THE EXTERIOR OF THE RTU PER DETAIL 6/W700. 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 8/7/10. TEMS SHALL PROVIDE GRIDPOINT 3 PHASE METER AND TRANSFORMER WITHIN J-BOX #1 AND GRIDPOINT IOM/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 WIRINGS AS SHOWN IN DETAIL 8/7/10.

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 7/7/10. 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/IMSB", AND "SODA FOUNTAIN".

47 LABEL RECEPTACLE "UV INSECT TRAP".

48 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/7/10. PROVIDE GFCI DUPLEX RECEPTACLE IN THE J-BOX INTEGRAL TO PREP TABLE FOR UNDERCOUNTER REFRIGERATOR. PROVIDE FINAL CONNECTION TO CARVING STATION HEATER.

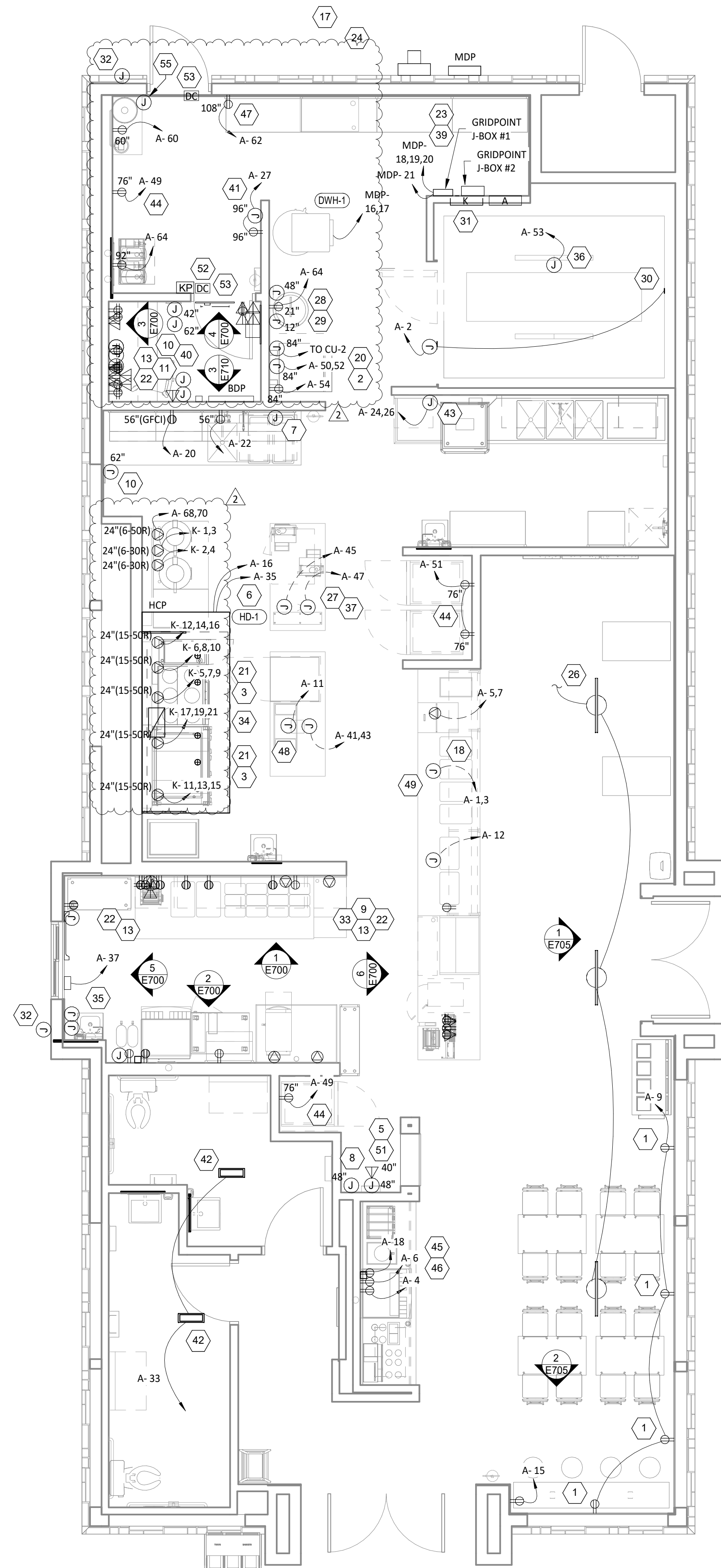
49 IF NEUTRAL CONDUCTOR IS NOT NEEDED FOR SERVE LINE HOT FOOD SERVER TERMINATE NEUTRAL IN JUNCTION BOX.

50 PROVIDE HORIZONTAL SINGLE-GANG J-BOX FOR DATA JACK AS SHOWN FOR KRONOS TIME CLOCK.

51 PROVIDE A RECESSED J-BOX AT 56" AFF FOR THE INSTALLATION OF THE SECURITY SYSTEM KEYPAD WITH A 1/2" CONDUIT TO ABOVE THE LAY-IN CEILING. TERMINATE CONDUIT WITH A CONDUIT BUSHING.

53 PROVIDE A RECESSED SINGLE-GANG J-BOX ABOVE DOOR AND 3" IN FROM LATCH SIDE OF DOOR FOR THE INSTALLATION OF THE SECURITY SYSTEM DOOR CONTACT WITH A 1/2" CONDUIT TO ABOVE THE LAY-IN CEILING. TERMINATE CONDUIT WITH A CONDUIT BUSHING.

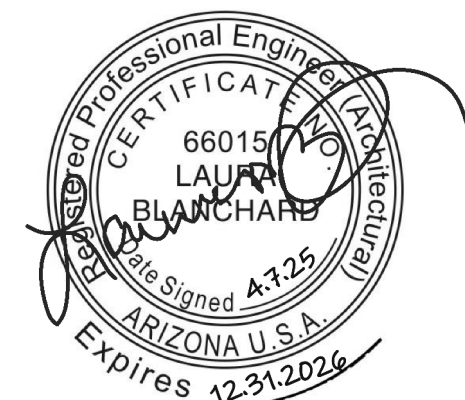
55 PROVIDE POWER FOR BERNER CLC08-1048EX AIR CURTAIN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS WITH WIRING CONCEALED IN WALL. COORDINATE FINAL LOCATION WITH TENANT PRIOR TO ROUGH-IN.



 **POWER FLOOR PLAN**
1/4" = 1'-0"



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ELECTRICAL POWER PLAN

E110

ELECTRICAL POWER PLAN NOTES

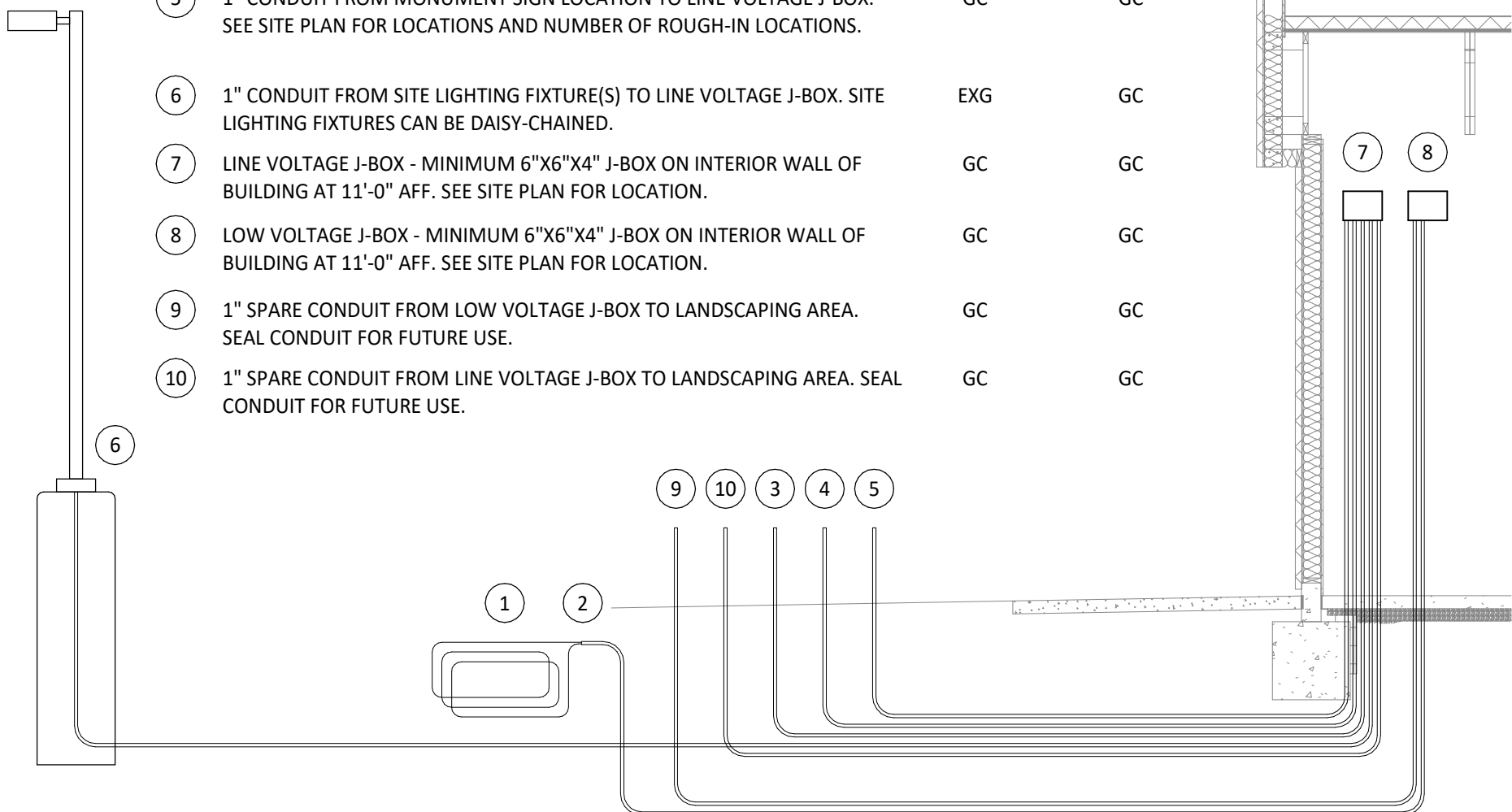
- 1 PROVIDE DUPLEX GFCI RECEPTACLE WITH WEATHERPROOF WHILE IN USE OUTLET COVER FOR IRRIGATION CONTROLLER. FIELD VERIFY EXACT LOCATION AND CIRCUIT AS SHOWN.
- 2 INSTALL VEHICLE DETECTION LOOP FURNISHED BY TLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN DETECTOR LOOP TO BE CENTERED ON THE PICK-UP WINDOW.
- 3 CONNECT ANNOUNCE SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
- 4 FIXTURE(S) EXISTING BY SHELL. CIRCUIT AS SHOWN. FIELD VERIFY EXACT LOCATION AND QUANTITY OF EXISTING FIXTURES PRIOR TO CIRCUITING.
- 5 PROVIDE INTERIOR J-BOXES AT 11'-0" AFF FOR LINE VOLTAGE AND LOW VOLTAGE SITE WIRING. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- 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 PROVIDE 1" SPARE LOW VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- 8 PROVIDE 1" SPARE LINE VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.

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.

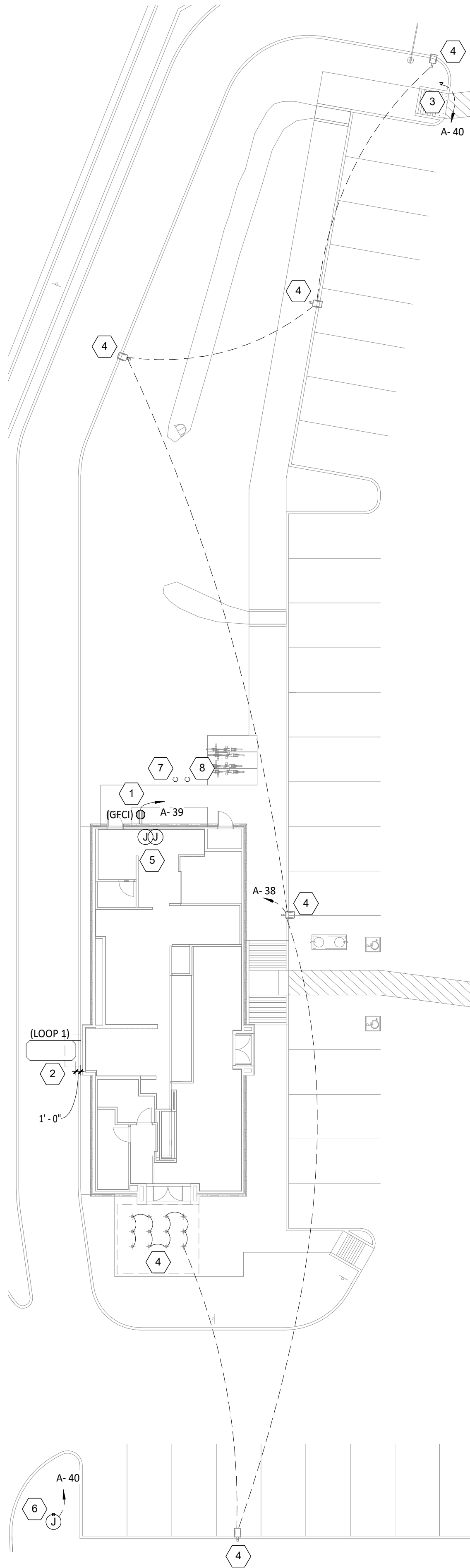
RESPONSIBILITY	
DEVICE OR CONDUIT	CONNECTION OR CONDUCTORS

TAG	DESCRIPTION	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.	GC	GC
2	1" CONDUIT FROM VEHICLE DETECTOR LOOP LOCATION TO LOW VOLTAGE J-BOX.	GC	GC
3	1" CONDUIT FROM ANNOUNCE SIGN LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.	GC	GC
4	1" CONDUIT FROM CLEARANCE BAR LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.	N/A	N/A
5	1" CONDUIT FROM MONUMENT SIGN LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATIONS AND NUMBER OF ROUGH-IN LOCATIONS.	GC	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.	GC	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.	GC	GC
9	1" SPARE CONDUIT FROM LOW VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.	GC	GC
10	1" SPARE CONDUIT FROM LINE VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.	GC	GC



2 SITE CONDUIT DETAIL
E115 NOT TO SCALE

1 POWER SITE PLAN
E115 1/16" = 1'-0"



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Project No.
241093

Contents:

ELECTRICAL SITE
POWER PLAN

E115

Branch Panel: MDP

Location:
Supply From:
Mounting: Surface
Enclosure: NEMA 3R

Volts: 208/120V Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MCB
Mains Rating: 800 A
MCB Rating: 800 A

Notes:
- DWH-1 BREAKER SHALL BE LOCKABLE

CKT	Circuit Description	Trip	Poles	A	B	C
1	PANEL K (SERVICE DISCONNECT 2)	200 A	3	27 kVA		
2					27 kVA	
3						22 kVA
4	PANEL A (SERVICE DISCONNECT 1)	400 A	3	30 kVA		
5					29 kVA	
6						24 kVA
7	TVSS (4-#6, #10 G. IN 1" C.)	60 A	3	0 kVA		
8					0 kVA	
9						0 kVA
10	RTU-1 KITCHEN (3-#1/0, #6 G. IN 1-1/2" C.)	150 A	3	18 kVA		
11					18 kVA	
12						18 kVA
13	RTU-2 DINING AREA (3-#1/0, #6 G. IN 1-1/2" C.)	150 A	3	18 kVA		
14					18 kVA	
15						18 kVA
16	WATER HEATER (DWH-1) (3-#4, #8 G. IN 1-1/4" C.)	80 A	2	7 kVA		
17					7 kVA	
18						0 kVA
19	GRIDPOINT 3 PHASE METER (4-#12, #12 G. IN 3/4" C.)	20 A	3	0 kVA		0 kVA
20					0 kVA	
21	GRIDPOINT TRANSFORMER	20 A	1			0 kVA
22	SPACE	--	1	--		
23	SPACE	--	1		--	
24	SPACE	--	1			--
25	SPACE	--	1	--		
26	SPACE	--	1		--	
27	SPACE	--	1			--
28	SPACE	--	1	--		
29	SPACE	--	1		--	
30	SPACE	--	1			--
31	SPACE	--	1	--		
32	SPACE	--	1		--	
Total Load:				99 kVA	98 kVA	81 kVA
Total Amps:				843 A	842 A	677 A

Load Classification	Description	Connected Load	Demand Factor	Estimated Demand	Total Amps	Panel Totals
A	INTERIOR LIGHTING	2 kVA	125.00%	2 kVA		
B	EXTERIOR LIGHTING	2 kVA	125.00%	3 kVA		Total Conn. Load: 278 kVA
C	COMFORT COOLING	105 kVA	100.00%	105 kVA		Total Est. Demand: 224 kVA
D	COMFORT HEATING	4 kVA	100.00%	4 kVA		Total Conn. Current: 772 A
E	MISC. MOTOR	2 kVA	100.00%	2 kVA		Total Est. Demand Current: 622 A
F	KITCHEN EQUIPMENT	158 kVA	65.00%	102 kVA		
G	RECEPTACLES	5 kVA	100.00%	5 kVA		
-		0 kVA	0.00%	0 kVA		

Notes:

VOLTS: 208/120V Wye

PHASES: 3

WIRES: 4

MOUNTING: Recessed

ENCLOSURE: Type 1

PANEL: A

MAINS: MLO

AMPERAGE: 400 A

MCB RATING: 0 A

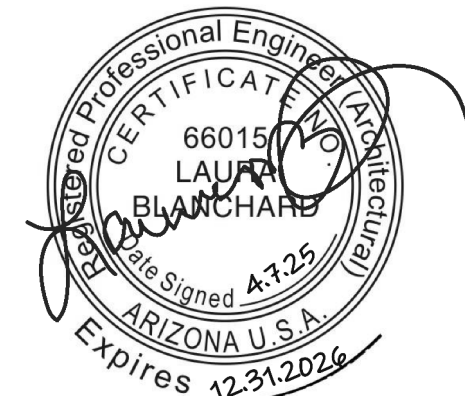
CKT #	DESCRIPTION	C/B [A]	# PLS	NOTES	LOAD [A]	LOAD TYPE	A	B	C	LOAD TYPE	LOAD [A]	NOTES	# C/B [A]	DESCRIPTION	CKT #	
1	HOT FOOD SERVER (SERVE LINE) (2-#10, #10 N, #10 G. in 3/4" C.)	30	2		20.0	F	2.1	0.0		F	0.2		1	WIC - DOOR SECTION	2	
3	Servidor de alimentos							2.1	1.1	F	9.3	GFCI	1	SODA SYSTEM DISPENSER Dispensador para el sistema de refrescos	4	
5	TORTILLA PRESS (SERVE LINE) (2-#10, #10 N, #10 G. in 3/4" C.)	20	2	GFCI	13.0	F			1.4	1.4	F	12.0	GFCI	1	ICE MAKER - UTENSIL COUNTER Máquina para hacer hielo	6
7	Calentador de tortillas						1.4	0.0		--	--		1	SPARE	8	
9	RECEPTACLES - STOREFRONT Receptáculos - frente del restaurante	20	1		6.0	G		0.7	0.0	--	--		1	SPARE	10	
11	REFRIGERATOR (COOK LINE) Refrigerador (línea para cocinar)	20	1		2.6	F			0.3	1.4	F	12.0	1	COLD TOP (SERVE LINE) Tabla fría (línea de servicio)	12	
13	SPARE	20	1	--	--		0.0	0.0		--	--		1	SPARE	14	
15	RECEPTACLES - DINING Receptáculos - Comedor	20	1		1.5	G		0.2	1.4	E	11.6		1	HOOD EXHAUST FAN (EF-1)	16	
17	PANEL BDP	15	1		0.0	Other: G			0.0	1.0	F	8.5	GFCI	1	BUBBLER	18
19	RECEPTACLES - ROOFTOP Receptáculos - Techo	20	1		3.3	G-E	0.4	1.4		F	11.3		1	FOOD PREP TABLE Mesa para la preparación de alimentos	20	
21	RECEPTACLES - POS GENERAL Receptáculos - Cofre general	20	1		6.0	G		0.7	0.2	F	1.7	GFCI	1	FOOD PREP TABLE AFVT	22	
23	SECURITY/AUDIO Seguridad y audio	20	1		3.0	G			0.4	2.6						
25	UNDERCOUNTER COOLER (PUW)	20	1	GFCI	1.5	F	0.2	2.6		F	25.0		2	30 DISH MACHINE (2-#10, #10 G. in 3/4" C.) Lavavajillas	24	
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	4.7	1	LIGHTING - DINING ROOM Iluminación - Comedor	30	
31	SODA SYSTEM DISPENSER (PUW)	20	1	GFCI	9.2	F	1.1	1.0		A	8.4		1	LIGHTING - KITCHEN Iluminación - Cocina	32	
33	BATHROOM SANITIZER Sanitizante de baño	20	1		0.2	E		0.0	1.1	F	8.8	GFCI	1	READY-TO-DRINK REFRIGERATOR	34	
35	HD-1 (CONTROL AND LIGHTS)	20	1		1.5	E			0.2	0.5	B	4.5	1	SIGN LIGHTING Iluminación para letreros	36	
37	VEHICLE DETECTOR	20	1		0.3	G	0.0	1.3		A; B	10.8		1	LIGHTING - EXTERIOR Iluminación - Exterior	38	
39	IRRIGATION CONTROLLER	20	1	GFCI	2.5	G		0.3	0.7	B	5.8		1	SITE SIGNAGE	40	
41									1.0	0.0	A	0.0	1	LIGHTING CONTROL PANEL	42	
43	CARVING STATION Estación para cortar carnes	20	2		10.0	F	1.0	0.2		G	1.5		1	PICK-UP WINDOW	44	
45	FOOD WARMER (RICE TABLE) Calentador de alimentos (mesa para el arroz)	15	1		1.5	F		0.2	2.1							
47	FOOD PREP TABLE (ISLAND) Mesa para la preparación de alimentos (isla)	20	1		11.3	F			1.4	2.1	D	20.2	2	25 PUW AIR CURTAIN (2-#10, #10 G. in 3/4" C.)	46	
49	REACH-IN REFRIGERATOR Cuarto frigorífico	20	1	GFCI	10.0	F	1.2	1.6		F	15.8		2	20 ICE MAKER Máquina para hacer hielo	50	
51	UPRIGHT REFRIGERATOR Refrigerador vertical	20	1	GFCI	10.0	F		1.2	1.6					52		
53	WIC - EVAPORATOR	20	1		1.5	F			0.2	0.2	F	1.5	GFCI	1	ICE MAKER SANITIZER Desinfectante de la máquina para hacer hielo	54
55							1.1	2.9						56		
57	CU-1 (2-#10, #10 G. in 3/4" C.)	20	3		9.4	F		1.1	2.9		F	28.0	GFCI	2	QUESADILLA MAKER (2-#10, #10 G. in 3/4" C.)	58
59									1.1	0.6	F	5.0	GFCI	1	WATER SOFTENER (WS-1)	60
61	TORTILLA PRESS (DML) (2-#10, #10 G. in 3/4" C.)	20	2	GFCI	13.0	F	1.4	0.2		F	1.5	GFCI	1	UV INSECT LIGHT TRAP	62	
63	Calentador de tortillas (línea del fax)							1.4	1.3	F	10.8	GFCI	1	CARBONATOR/CO2 ALARM Sistema de carbonatación y alarma de CO2	64	
65	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	ICE MAKER (PUW) Máquina para hace hielo	66
67							2.9	4.2						68		
69	HOT FOOD SERVER (DML) (2-#10, #10 N, #10 G. in 3/4" C.)	30	2	GFCI	20.0	F		2.1	4.2	F	40.0	PHASE EXTERNAL DISCONNECT, BLACK CPT, 400V, 1P, 100A, 1				

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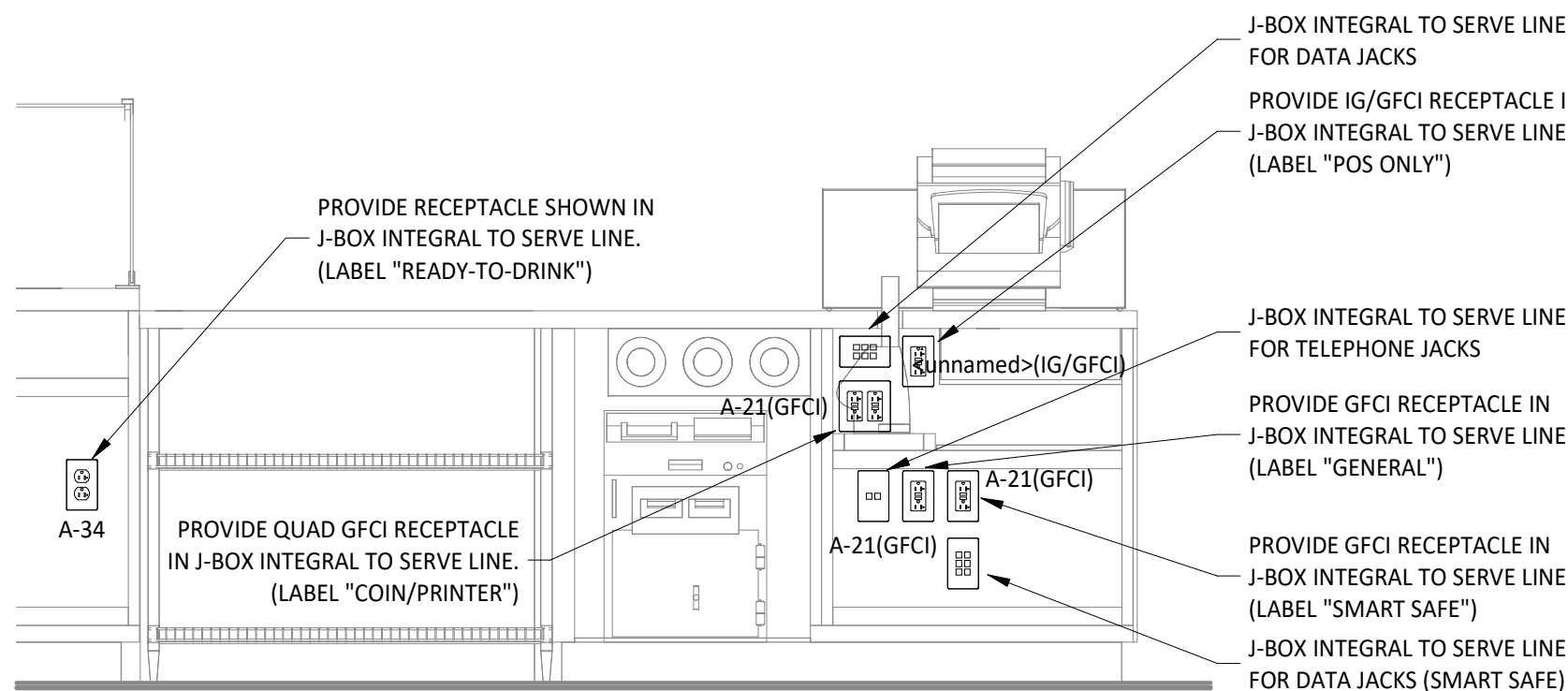
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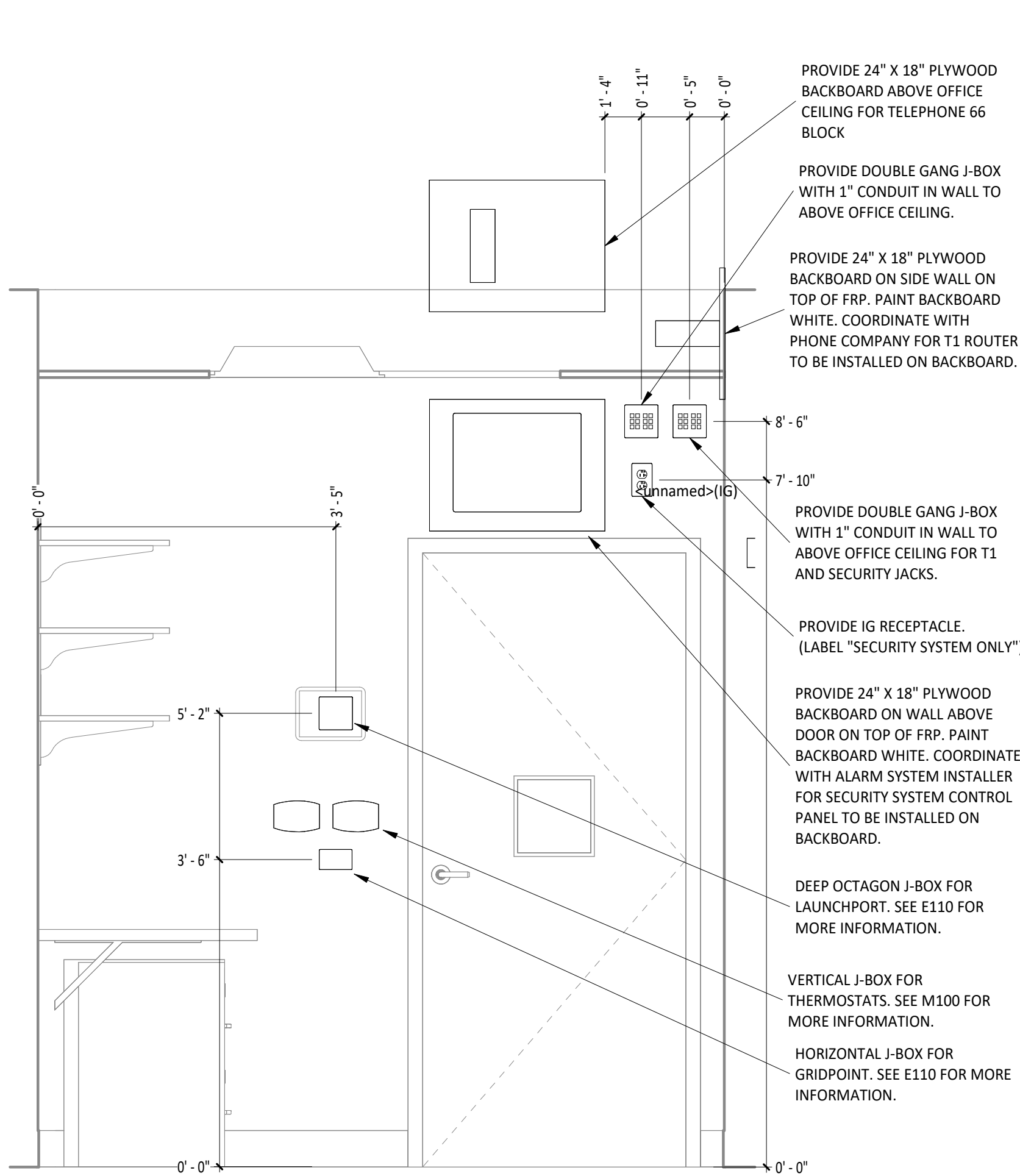
ELECTRICAL INTERIOR
ELEVATIONS

E700



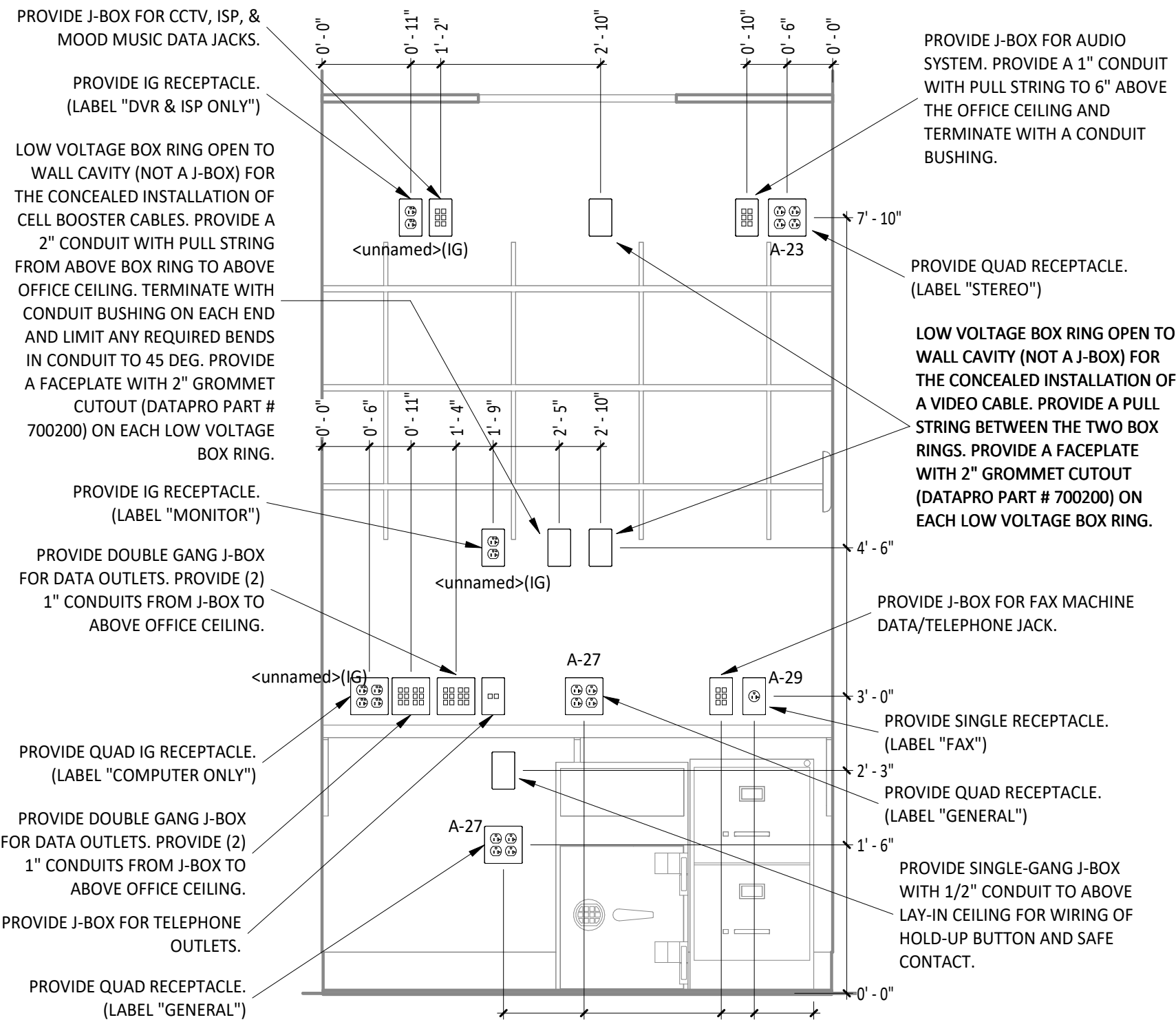
POS COUNTER ELECTRICAL ELEVATION

6
E700
3/4" = 1'-0"



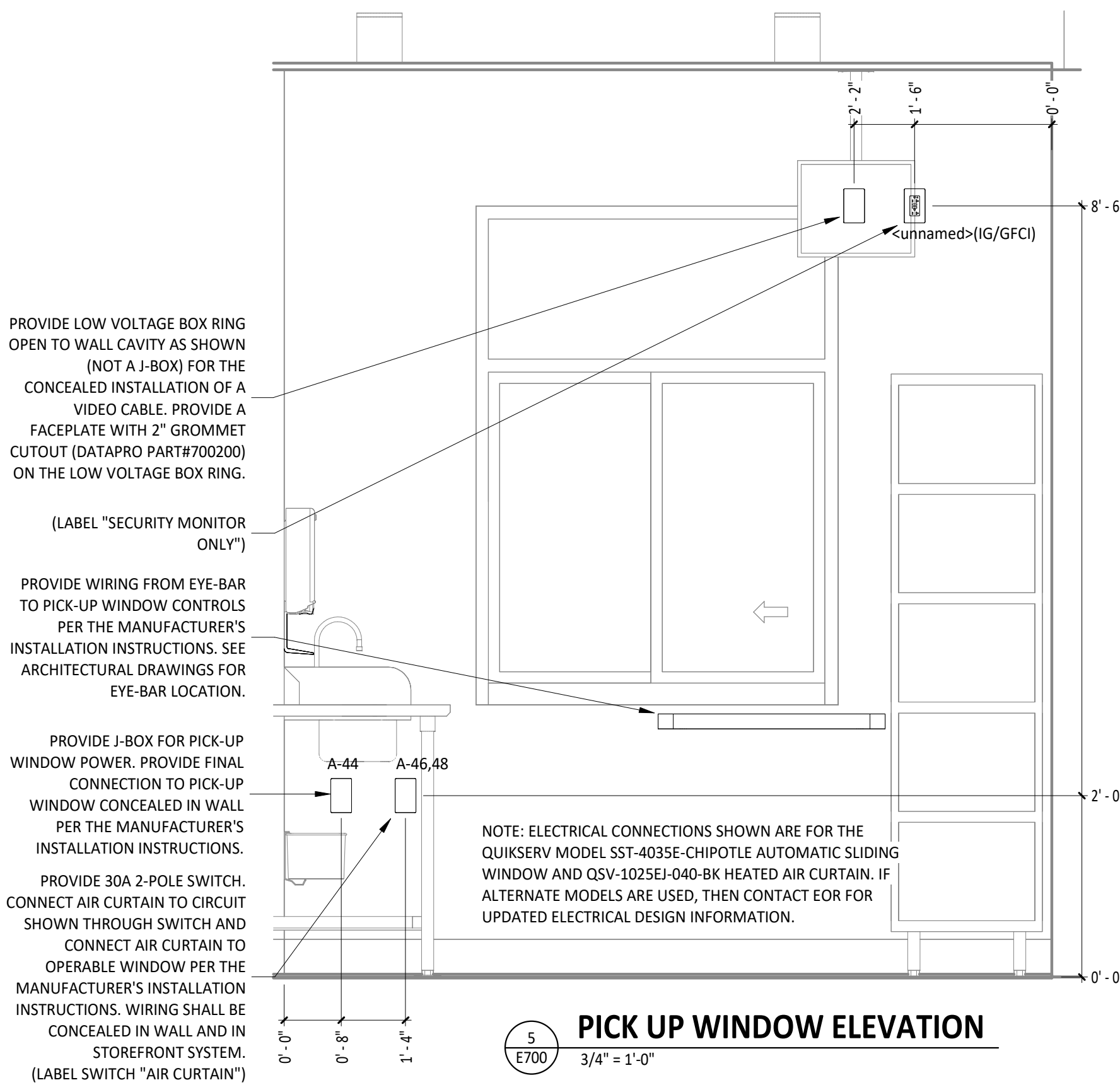
OFFICE DOOR ELECTRICAL ELEVATION

4
E700
3/4" = 1'-0"



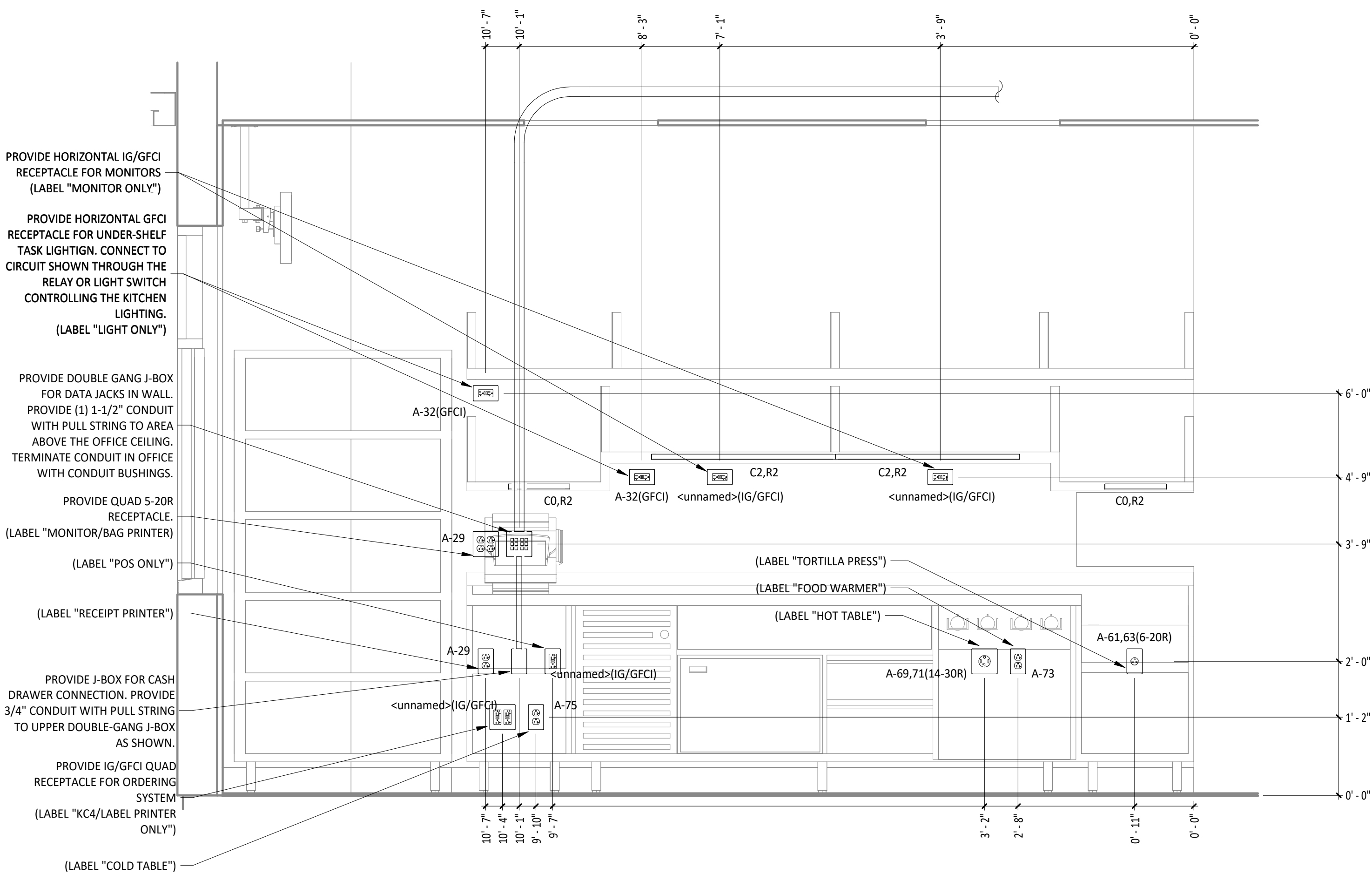
OFFICE DESK ELECTRICAL ELEVATION

3
E700
3/4" = 1'-0"



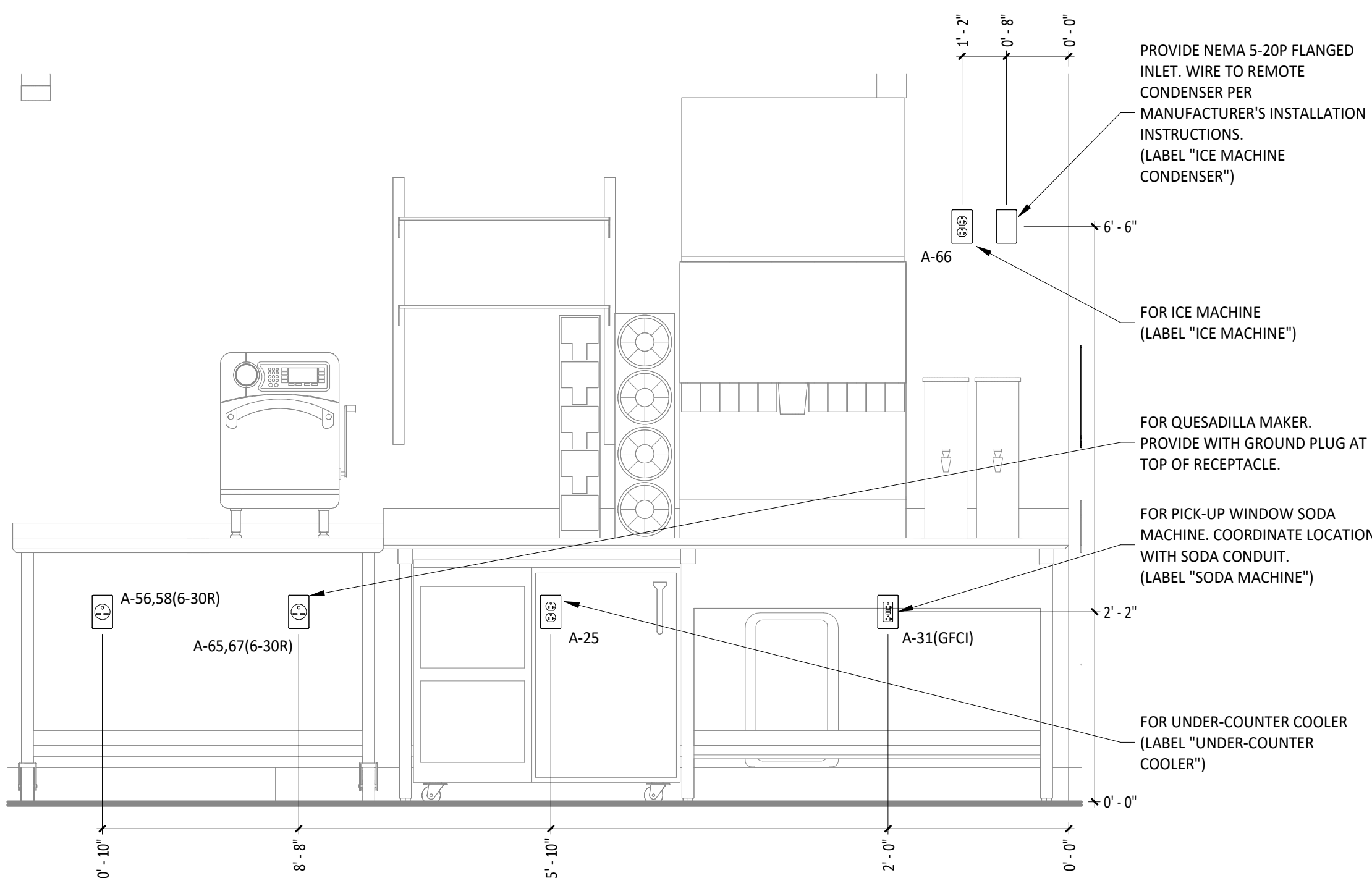
PICK UP WINDOW ELECTRICAL ELEVATION

5
E700
3/4" = 1'-0"



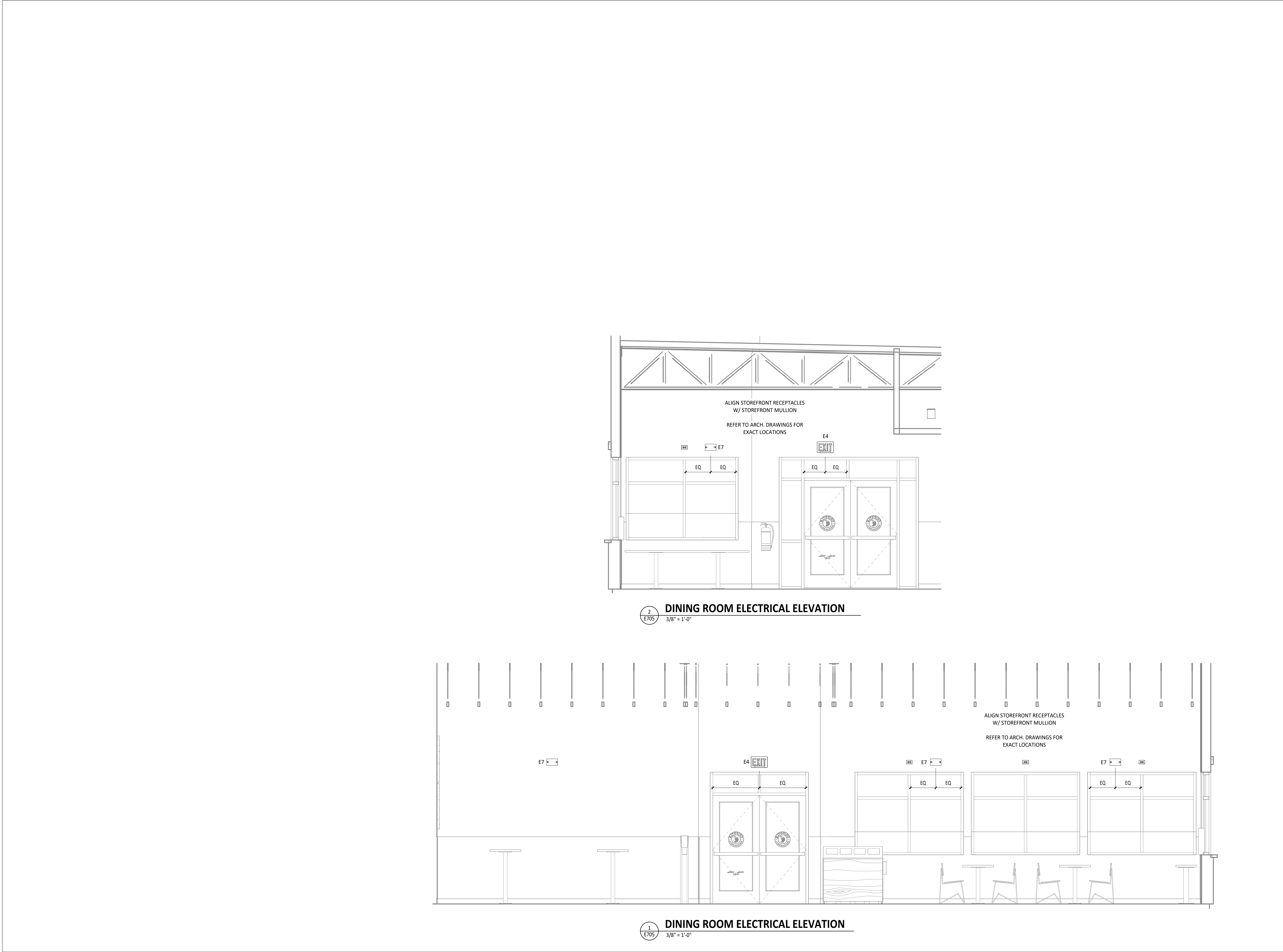
DML ELECTRICAL ELEVATION

1
E700
3/4" = 1'-0"



PUW COLD SIDE ELECTRICAL ELEVATION

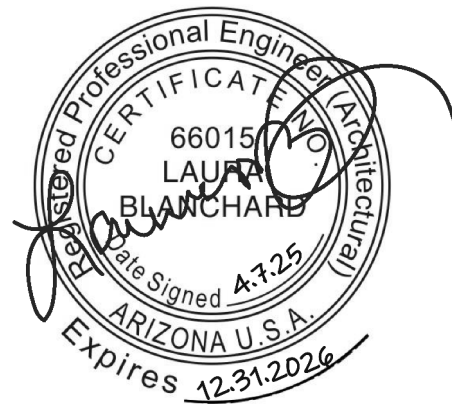
2
E700
3/4" = 1'-0"



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Contents:

ELECTRICAL INTERIOR
ELEVATIONS

E705

GRIDPOINT DIAGRAM NOTES

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 DISH SANITIZING MACHINE TO LOW-VOLTAGE JUNCTION BOX OR TRIM RING FLUSH MOUNTED TO WALL. PROVIDE CONTINUOUS CAT5E CABLE FROM DISH SANITIZING MACHINE TO OFFICE (ABOVE LAY-IN CEILING) WITH 54" SLACK WITHIN 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 CAT5 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 (18-24AWG SHIELDED TWISTED PAIR) FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "EMS POWER" 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 PANELBOARD 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 A 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.

NOTE:

ARRANGEMENT SHOWN IS
DIAGRAMMATIC - SEE PLANS FOR ACTUAL
DEVICE LOCATIONS.

WARE WASHING

GRIDPOINT WIRING DIAGRAM

NOT TO SCALE

PANELBOARD AREA

DISH SANITIZING MACHINE ELECTRICAL DETAIL

NOT TO SCALE

CONNECT POWER HUB INPUT CORD
TO AN OUTPUT OUTLET ON THE UPS.
CONNECT THE UPS INPUT CORD TO
THE RECEPTACLE ON THE POWER HUB.

INSTALL THE BYPASS DISTRIBUTION
PANEL (BDP) SYSTEM CONSISTING OF
THE NXT POWER-HUB AND UPS
FURNISHED BY THE TENANT ON WALL
AS SHOWN PER THE MANUFACTURER'S
INSTALLATION INSTRUCTIONS.

BDP/UPS ELEVATION

NOT TO SCALE

CO2 ALARM OPTIONS

CO2 DETECTOR	X
CO2 REMOTE DISPLAY UNIT	X
REMOTE STROBE (SEU)	X
REMOTE STROBE (RDU)	X
POWER MONITORING UNIT	X
RELAY	

STROBE
12" BELOW CEILING
PROVIDE SINGLE-GANG J-BOX ABOVE SEU AND RDU AS
SHOWN. PROVIDE 3/4" CONDUIT UP IN WALL FROM STROBE
LOCATION TO ABOVE THE CEILING (NOT DIRECTLY TO
SEU/RDU J-BOX). INSTALL STROBE WITH CONTINUOUS CAT5
CABLE TO CO2 DETECTOR SEU/RDU (FURNISHED BY CO2AS).

CO2 TANK (BULK TANK OR CANISTERS)
PROVIDE GFCI RECEPTACLE AND SEU J-BOX
ADJACENT TO THE CO2 TANK/BAG-IN-BOX AS
SHOWN ON THE ELECTRICAL POWER PLAN.

RECEPTACLE
21" AFF
CO2 DETECTOR/J-BOX
12" AFF

INSTALL CO2METER RAD-0102-06 CARBON DIOXIDE STORAGE
SAFETY ALARM SEU (FURNISHED BY CO2AS) ADJACENT TO
THE CO2 TANK/BAG-IN-BOX AS SHOWN.

CONNECT THE SYSTEM POWER TO THE RECEPTACLE AS
SHOWN. INSTALL CABLE TO MINIMIZE SLACK AT CO2
DETECTOR. SECURE CABLE TO WALL.

AT SEU J-BOX, INSTALL MOUNTING PLATE TO TOP SCREW
HOLE OF J-BOX WITH THE MOUNTING PLATE EXTENDING UP
ABOVE THE TOP OF THE J-BOX IN THE ORIENTATION SHOWN.

SEU J-BOX

RDU J-BOX

CO2 ALARM DETAIL

NOT TO SCALE

SEQUENCE OF OPERATIONS

- A. EMERGENCY LIGHT FIXTURES, EXIT SIGNS, LOCALLY-SWITCHED FIXTURES, AND FIXTURES DESIGNATED AS NIGHT LIGHTS ARE NOT CONTROLLED THROUGH THE RELAY PANEL.
- B. ALL TIMES NOTED SHALL BE LOCAL TIME AND SHALL AUTOMATICALLY ADJUST FOR DAYLIGHT SAVINGS TIME, IF APPLICABLE.
- C. ALL KITCHEN LIGHTING CIRCUITS AND RESTROOM EXHAUST FAN CIRCUIT (R1, R2, R7) SHALL BE ENERGIZED AT FULL POWER FROM 7:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
- D. ALL DINING ROOM LIGHTING CIRCUITS (R4, R5, R6) SHALL BE ENERGIZED FROM 10:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
- E. OVERRIDES: WHEN ONE OF THE OVERRIDE BUTTONS IS PRESSED THE SYSTEM WILL GO INTO OVERRIDE MODE FOR THE DURATION NOTED BELOW OR UNTIL THE NEXT SCHEDULED EVENT. FOLLOWING THIS PERIOD THE RELAYS WILL RETURN TO THE CURRENT SCHEDULED CONDITION. DURING THIS OVERRIDE TIME THE CORRESPONDING LAMP WILL ILLUMINATE ON THE OVERRIDE BUTTON.
- F. INTERIOR (CHANNEL 1): WHEN THE INTERIOR OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 1) RELAYS R1, R2, R4, R5, R6, AND R7 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE(1) HOUR.
- G. DINING DIMMING (CHANNEL 3): WHEN THE DINING NORMAL/DIM OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 3) RELAYS R5 AND R6 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE(1) HOUR.
- H. KITCHEN DIMMING (CHANNEL 2): WHEN THE KITCHEN NORMAL/DIM OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 2) RELAY R2 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
- I. VERIFY THAT TIME, TIME ZONE, AND LONGITUDE/LATITUDE ARE SET CORRECTLY ON LCP. VERIFY WITH STORE OPERATIONS THAT THE ON/OFF TIMES ARE COMPATIBLE WITH THE STORE OPERATING HOURS PRIOR TO TURNOVER.

LIGHTING CONTROL DIAGRAM

NOT TO SCALE

PEDESTAL OUTLET DETAIL

NOT TO SCALE

MAIN DISTRIBUTION DIAGRAM

NOT TO SCALE

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