

<u>ZONING DEPARTMENT:</u>	PLANNING AND ZONING DEPT 9019 OLD BATTLEFIELD BLVD. SUITE 100 SPOTSVYLVANIA, VA 22553 T: 540-507-7434 F: 540-507-7281	<u>BUILDING DEPARTMENT:</u>	BUILDING DEPARTMENT 9019 OLD BATTLEFIELD BLVD. SUITE 100 SPOTSVYLVANIA, VA 22553 T: 540-507-7222 F: 540-507-7283	<u>HEALTH DEPARTMENT:</u>	RAPPAHANNOCK AREA HEALTH DEPT SPOTSVYLVANIA COUNTY HEALTH DEPT & ENVIRONMENTAL SERVICES 9104 COURTHOUSE ROAD SPOTSVYLVANIA, VA 22553 T: 540-507-7386 F: 540-582-7295
<u>FIRE DEPARTMENT:</u>	SPOTSVYLVANIA COUNTY FIRE RESCUE & EMERGENCY MANAGEMENT 9119 DEAN RIDINGS LANE, ROOM 2270 SPOTSVYLVANIA, VA 22553 T: 540-507-7900 F: 540-582-6957	<u>WATER UTILITY:</u>	SPOTSVYLVANIA COUNTY 9104 COURTHOUSE ROAD SPOTSVYLVANIA, VA 22553 T: 540-507-7000 CONTACT: BRADLEY SACRA E: BSACRA@SPOTSVYLVANIA.VA.US	<u>SEWER UTILITY:</u>	SPOTSVYLVANIA COUNTY 9104 COURTHOUSE ROAD SPOTSVYLVANIA, VA 22553 T: 540-507-7000 CONTACT: BRADLEY SACRA E: BSACRA@SPOTSVYLVANIA.VA.US
<u>NATURAL GAS UTILITY:</u>	WASHINGTON GAS 101 CONSTITUTION AVE, NW WASHINGTON, DC 20080 CONTACT: AUDRE KING E: AUDREKING@WASHGAS.COM T: 571-565-4422	<u>ELECTRICAL UTILITY:</u>	DOMINION VIRGINIA POWER 600 EAST CANAL STREET RICHMOND, VA 23219 T: 866-366-4357	<u>TELEPHONE UTILITY:</u>	DEPARTMENT NAME ADDRESS CITY, STATE, ZIP CONTACT: E: (EMAIL) T: (XXX) XXX-XXXX F: (XXX) XXX-XXXX

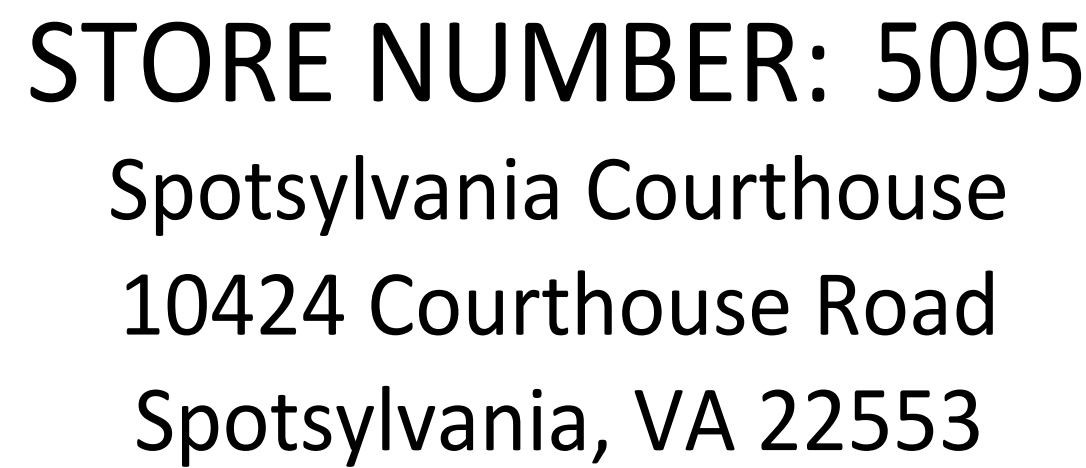
<u>LANDLORD:</u>	CFA HOLDINGS, A VIRGINIA LLC 1014 PRINCE EDWARD STREET FREDERICKSBURG, VA 22401 CONTACT: JEFF MORIN E:JEFF@COINSFORANYTHING.COM T: 540-907-0706	<u>SHELL ARCHITECT:</u>	JOHN J. BURGER / NICK BURGER 1216 CAROLINE STREET FREDERICKSBURG, VA 22401 CONTACT: JOHN BURGER / NICK BURGER E:JOHN.BURGER@BURGERARCHITECT.COM E: NICK.BURGER@BURGERARCHITECT.COM T: 540-371-8356	<u>TENANT:</u>	CHIPOTLE MEXICAN GRILL PO BOX 182566 COLUMBUS, OH 43218-2566 CONTACT: GINA COMBES E: GCOMBES@CHIPOTLE.COM T: 614-949-0854
<u>ARCHITECT:</u>	NAHRA DESIGN GROUP 5335 WISCONSIN AVE, STE 640 WASHINGTON, DC 20015 CONTACT: MICHAEL MASON E: MICHAEL@NAHRADDESIGN.COM T: 202-249-9500	<u>MECHANICAL ELECTRICAL PLUMBING ENGINEER:</u>	NATIONAL ENGINEERING 4635 TRUEMAN BLVD, STE 250 HILLIARD, OH 43026 CONTACT: DENNIS ALT E: DALT@NATIONALENGINEERING.COM T: 614-595-0599		

NOTE to GC:
**FOR ALL WATER, SEWER,
 NATURAL GAS, & ELECTRICITY
 UTILITIES CONTACT:**

EBI CONSULTING 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA 92618 CONTACT: JULIO VERA E: JVERA@EBICONSULTING.COM T: (787) 344-1439	BROADWAY NATIONAL 100 DAVIDS DRIVE HAUPPAUGE, NY 11788 CONTACT: DAWN GALAIDA E: D GALAIDA@BROADWAYNATIONAL.COM T: 800-797-4467
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	EXTERIOR ELEVATION MARKER		COLUMN GRID LABEL		KITCHEN EQUIPMENT NUMBER
	INTERIOR ELEVATION MARKER	Room name 	ROOM NAME & NUMBER		WASHROOM ACCESSORIES NUMBER
	SECTION MARKER		REVISION NUMBER		WALL TAG
	SECTION / DETAIL		DOOR NUMBER		LEVEL TARGET
	View Name View Scale		MISCELLANEOUS EQUIPMENT NUMBER		NORTH ARROW
	VIEW LABEL		FURNITURE NUMBER		DIMENSION TARGET
					FINISH TAG

CL	CENTER LINE	FRP	FIBERGLASS REINFORCED PANEL	OC	ON CENTER	TMB	TENANT'S MENU BOARD SUPPLIER
(E)	EXISTING CONSTRUCTION	FRT	FIRE RETARDANT-TREATED	OSB	ORIENTED STRAND BOARD	TMS	TENANT'S MILLWORK SUPPLIER
(N)	NEW CONSTRUCTION					TP	TENANT'S PHONE SUPPLIER
@	AT	GA	GAUGE	POS	POINT OF SALE PREPARATION	TPS	TENANT PANELBOARD SUPPLIER
Ø	DIAMETER OR ROUND	GALV	GALVANIZED	PREP	POLYVINYL CHLORIDE	TRS	TENANT'S RAILING SUPPLIER
		GC	GENERAL CONTRACTOR	PVC			
		GYP	GYPSUM				
AFF	ABOVE FINISH FLOOR			QT	QUARRY TILE	TS	TENANT'S SAFE SUPPLIER
ALUM	ALUMINUM	HES	TENANT'S HVAC EQUIPMENT SUPPLIER			TSS	TENANT'S SMART SAFE SUPPLIER
ARCH	ARCHITECT(JURAL)			R	RADIUS		
ASS	ALARM SYSTEM SUPPLIER	HS	HOOD SUPPLIER	RTU	ROOF TOP UNITS	TSV	TENANT'S SIGN VENDOR
		HVAC	HEATING AND VENTILATING			TUV	TENANT'S UV SUPPLIER
BD	BOARD			SIM	SIMILAR	Typ	TYPICAL
BLDG	BUILDING	ICP	INITIAL COST PROJECTION	SPS	SODA POP SUPPLIER		
		IFP	IN FOR PERMIT	SS	SUPPORT SIGNAGE	U.N.O.	UNLESS NOTED OTHERWISE
CMU	CONCRETE MASONRY UNIT	INT	INTERIOR	STR	STRUCTURE	UPS	UNINTERRUPTED POWER SUPPLY
CO2	CO2 SUPPLIER			T	TENANT		
CO2AS	CO2 ALARM SUPPLIER	KE5	KITCHEN EQUIPMENT SUPPLIER	TAB	TENANT'S TEST & BALANCE VENDOR	VAR	VARIES
CS	CHEMICAL SUPPLIER			TBD	TO BE DETERMINED, SEE FIELD REFERENCE MANUAL	VIF	VERIFY IN FIELD
DIM	DIMENSION(S)	MAX	MAXIMUM			W/	WITH
		MECH	MECHANICAL			WA	WASHROOM ACCESSORIES
EA	EACH	MFR	MANUFACTURER	TCC	TENANT'S CABLING CONTRACTOR		
ELEV	ELEVATION (VERTICAL HEIGHT)	MIN	MINIMUM	TDC	TENANT'S DUCT CLEANER	WCS	TENANT'S WALK-IN COOLER SUPPLIER
ELEC	ELECTRIC(AL)	MISC	MISCELLANEOUS	TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER	WHS	WATER HEATER SUPPLIER
ELEV	ELEVATION	MSS	MUSIC SYSTEMS SUPPLIER			WS	TENANT'S WINDOW SHADE SUPPLIER
EQ	EQUAL			THS	TENANT'S HARDWARE SUPPLIER		
EXT	EXTERIOR	N.I.C.	NOT IN CONTRACT				
		NO	NUMBER	TLS	TENANT'S LIGHT/LAMP SUPPLIER		
FC	FOR CONSTRUCTION						



<u>GROUP</u>	<u>TENANT</u>	<u>USE</u>
PROPOSED USE:	CHIPOTLE MEXICAN GRILL	A-2

SHELL/LANDLORD DRAWINGS:

SITE PLAN:	ST24-0006
SHELL:	COM24-0099

TRUE PLAN

KEY SITE PLAN

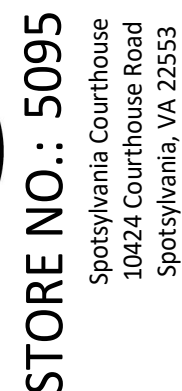
1" = 40'-0"

TRUE PLAN

LANDLORD REQUIRED SUBCONTRACTOR LIST

T: 703-929-7397
E: ROOFER1474@AOL.COM

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Issue Record:	
<u>01/22/2024</u>	<u>ISSUE FOR LL REVIEW</u>
<u>02/01/2024</u>	<u>ISSUE FOR PERMIT</u>
<u>08/27/2024</u>	<u>ISSUE FOR CONSTRUCTION</u>

Revisions

Drawn:	Checked:
BIO	MRM

Project No. _____

1504

COVER SHEET

G000

SECTION 07512 - ROOFING SYSTEM REPAIR		e. Flash and make weathertight all equipment curbs, pipes, conduits, drains and other penetrations or projections through sheet roofing using roofing system manufacturer's recommended flashing materials, accessories and procedures.	3.1 Surface Conditions
1.1 General: When penetration of the existing roofing system is required to accommodate new construction, perform necessary roofing system repair.		5. Install roof accessories and traffic walkways in accordance with manufacturer's instructions.	A. Examination:
A. Coordination: Before starting work, verify with the Tenant's Construction Manager and the Owner the following:		6. Install sheet metal work furnished under section 07600.	1. Inspect installed work of other trades and verify that such work is complete to a point where this work may continue.
1. Existing roof system materials and installation methods.			2. Verify that installation may be made in accordance with approved shop drawings and manufacturer's instructions.
2. Repair work responsibilities and warranty requirements. To maintain original warranty, where provided use original roof contractor.			
B. Qualifications: Repair work shall be performed only by an experienced roofing installer approved or licensed by the existing roofing system materials manufacturer; with not less than five years of successful experience installing and repairing roofing systems similar to this projects existing roofing system.			3.2 Installation
2.1 Materials:			A. Install metal wall system system so that it is weathertight, without waves, warps, buckles, fastening stresses or distortion.
A. Provide and install only materials approved and recommended by the roofing manufacturer for repairing the existing roofing system.			B. Install metal wall system in accordance with manufacturer's instructions and shop drawings.
3.1 Installation:			C. Provide concealed anchors at all panel attachment locations.
A. Preparation: Inspect roof surface conditions with roof manufacturer's representative to verify extent and location of any other repairs required to ensure a watertight roofing system upon completion of the repair work.			D. Install panels plumb, level and straight with seams parallel, conforming to design as indicated.
B. Make necessary repairs. Match existing roof slope, insulation materials and roofing membrane materials, except as otherwise approved by the existing roofing system manufacturer to accommodate new construction and repair work.			3.3 Cleaning, Protection
C. Install curb flashing furnished by mechanical and electrical trades for new roof top equipment.			A. Dispose of excess materials and remove debris from site.
NOT USED			B. Clean work in accordance with manufacturer's recommendations.
SECTION 07540 - THERMOPLASTIC MEMBRANE (PVC) ROOFING			C. Protect work against damage until final acceptance. Replace or repair to the satisfaction of the architect and work that becomes damaged prior to final acceptance.
1.1 General: Provide the thermoplastic membrane (PVC) roofing system as shown and specified.			D. Touch up minor scratches and abrasions.
A. Standards: Materials and construction shall conform to following:			3.4 Field Painting
1. ASTM D5036 "Application of Adhered Poly(Vinyl Chloride) Sheet Roofing."			A. Refer to section 09900 on G017
2. FM 1-29 Loss Prevention Data Adhered or Mechanically Attached Single Ply Membrane Roof Systems."			B. Follow manufacturer's technical bulletin for Precoated Signature 200 MBCI wall panels.
3. NRCA "Single-Ply Roofing Membrane."			
4. UL "790 - Tests for Fire Resistance of Roof Covering Materials."			
B. Installer Qualifications: An experienced roofing installer approved by roofing system manufacturer and with not less than five years of successful experience installing membrane roofing systems similar to those required for this project.			
C. Deliver, store and handle roof system materials in accordance with manufacturer's recommendations to avoid damage and deterioration.			
1. Comply with manufacturer's recommendations for handling and protection during installation.			
D. Install roofing work only when weather conditions are in compliance with manufacturer's specific environmental requirements and conditions will permit work to be performed in accordance with manufacturer's recommendations and warranty requirements.			
1. Protect adjacent materials and surfaces from damage and soiling during roofing system installation.			
2. Provide special protection on completed roofing work.			
3. Protect paving and structure walls adjacent to hoists before starting work.			
4. Do not overload the building structure with storage of materials or installation equipment on the substrate decking.			
E. Warranty			
1. Contractor and roof system installer shall jointly warrant roofing materials and installation for a period of two years from the date of Substantial Completion. Warranty shall include roofing membrane, flashing, roof insulation, roofing accessories and sheet metal work provided under Section 07600.			
2. Manufacturer's warranty: Submit executed copy of roofing system manufacturer's 15 year total system warranty, including labor and materials for the entire roof system. Including perimeter edge metal, Section 07600 Flashing & Sheet Metal			
2.1 Materials			
A. Manufacturer: Duro-Last Roofing, Inc, (614) 370-5569, Mike Suman, www.duro-last.com			
1. Basis of Design Product Roofing System			
a. Thermoplastic single ply membrane roofing system: DL Membrane (PVC) fully adhered, smooth surface, UL Class A fire-rated single ply membrane roofing system.			
b. Thermoplastic fiber reinforced PVC membrane, not less than 40 mils (.040), complying with ASTM D4434 and membrane manufacturer's published physical properties.			
B. Comparable Alternate Roof Manufacturers:			
1. Versico Roofing Systems, (480) 528-6923, Jeff Kelly, jeff.kelly@versico.com			
a. VersiFlex PVC adhered system			
2. Other comparable alternates can be considered when approved by Arch PM and Chipotle DM/CM			
C. The roof covering design must resist a wind load of 100 mph, Exposure C and shall resist impact damage based on results of tests based on the results of tests conducted in accordance with ASTM D 3746, ASTM D 4272, CGSB 37-GP-52M or FM 4470			
1. Insulation cover board: Georgia-Pacific Corp. (800) 284-5347, internet www.gp.com, "Dens-Deck" nonstructural fiberglass- faced, silicone-treated gypsum core panels, 1/2" thickness.			
2. Roof insulation: Rigid closed cell polyisocyanurate boards approved by the membrane manufacturer; complying with ASTM C1289, Type II, minimum 20 psi compressive strength, aged R-value equal 5.6 per inch of thickness.			
a. Provide a double layer installation. Minimum total R-value as indicated on plans.			
b. Specified perimeter edge metal shall be compliant with International Building Code ANSI / SPRI ES-1, ER2 testing requirements.			
3. Flashing: Roof system manufacturer's standard sheet flashing of same material, type, and color as sheet membrane. Specified perimeter edge metal will be compliant with International Building Code ANSI / SPRI ES-1, RE2 testing requirements.			
4. Membrane Bonding Adhesive: Roof system manufacturer's standard membrane bonding adhesive.			
5. Insulation and Cover Board Adhesive: Dow Chemical Company, (888) 868-1183, internet www.flexibeproducs.com, "INSTA-STIK Professional Roof Insulation Adhesive", a single component, moisturecured polyurethane adhesive.			
6. Fasteners: Roof system manufacturer's standard fasteners for project conditions indicated.			
7. Accessories: Roof system manufacturer's recommended pourable sealants, preformed penetration flashing, preformed corner flashing, seam caulk, termination bars and other accessories required for substrate surfaces and installation conditions indicated.			
8. Traffic walkways: Duro-Last Roof Track II walkway pads.3.1Installation			
3.1 Installation			
A. Preparation:			
1. Clean substrate surfaces of debris and other substances detrimental to roofing installation.			
2. Correct unsatisfactory conditions before starting roofing. Roof deck surface conditions shall comply with manufacturer's requirements and be acceptable to the roofing system installer.			
B. Installation:			
1. General: Provide roofing system materials and installation complying with roofing system manufacturer's instructions and governing codes and regulations.			
a. Mix and apply roof insulation and cover board adhesive in strict accordance with the adhesive manufacturer's installation instructions. Dispense adhesive at manufacturer's recommended application rate using approved dispensing equipment.			
2. Roof insulation.			
a. Extend insulation full thickness over entire surface to be insulated. Cut and fit around obstructions; fill all voids with insulation. Provide saddles and tapered edges as required to provide positive proper drainage.			
b. Install and secure in place with insulation adhesive, a double layer of insulation units of the required thickness. Run long joints of insulation in continuous straight lines, perpendicular to roof slope, with end joints staggered between rows. Stagger joints of each layer of insulation. Butt edges to moderate contact. Limit joints between adjacent units to maximum 1/4".			
3. Insulation cover board: Install and secure in place with insulation adhesive a single layer of insulation cover board on installed roof insulation. Secure cover board in accordance with membrane manufacturer's recommendations. Stagger joints with joints of roof insulation.			
4. Thermoplastic membrane: Comply with membrane manufacturer's instructions and recommendations for handling and installing single ply membrane roofing.			
a. Unroll and position roofing sheet membrane without stretching. Align top sheet with p-marked lines on bottom sheet. Allow membrane to "relax" for at least 30 minutes before adhering, splicing and flashing.			
b. Adhere membrane to insulation cover board with bonding adhesive. Broom bonded membrane to achieve maximum contact.			
c. Join membrane seams using approved heat welding equipment. Check all splices for voids and repair voids with heat gun and roller.			
d. When required, mechanically fasten membrane at roof perimeter, curb flashing and similar penetrations in accordance with manufacturer's installation instructions.			
NOT USED			
SECTION 07900 - JOINT SEALERS			
1.1 General: Provide joint sealers as shown and specified.			
A. Standards:Comply with ASTM C 920 requirements.			
B. Application: Performed by skilled, experienced joint sealer applicators.			
2.1 Materials:			
A. Poly urethane sealants:			
1. Tremco Commercial Sealants (800) 321-7906, internet www.tremcosealants.com,			
a. "Dymonic FC" One component, fast skinning, Low Modulus Polyurethane.			
b. "Dymeric 240 FC" Multi Component, gun grade, chemically curing, tintable fast setting polyurethane sealant.			
2. Sonneborn, (724) 756-9582, internet www.sonneborn.com			
a. Color pack for polyurethane multi component, gun grade chemically curing sealant.			
B. Silicone Sealants:			
1. General Electric Silicones, (800) 295-2392, internet www.gesilicones.com			
a. "SCS1700 Sanitary – Mold/Mildew Resistant Silicone", one component 100% silicone, fungicidal based sealant.			
b. "SCS2700 Silpruf Silicone" one component medium modulus, natural cure silicone all purpose sealant.			
c. "Silglaze II SCS2800- Glazing Sealant" one component, 100% silicone based sealer.			
d. "GE Paintable Silicone" one component paintable silicone.			
e. "SCS1009 Silicone Sealant" one-component acetoxy silicone for general purpose sealing and bonding			
2. Dow Corning Silicones, (989)496-4000, www.dowcorning.com			
a. "Dow 795" – one component, medium modulus, natural cure silicone.			
C. Firestopping Sealants: 3M Fire Protection Products, (800) 328-1687, internet www.3m.com/firestop			
1. "3M Fire Barrier CP 25WB+ Caulk" or approved equal			
D. Joint backing: Non-absorptive, non-staining compressible, non-gassing, polyethylene foam backer rod compatible with joint sealants.			
3.1 Installation:			
A. Preparation: Clean and prepare joints prior to installing sealers:			
1. Wipe shipping oils from surfaces to be sealed. Remove protective films and/or install joint backer rod if joint is larger than 1/2" in width.			
B. Installation: Install joint sealant materials in strict accordance with manufacturer's installation instructions.			
1. Apply sealants in a uniform, continuous bead without gaps or air pockets. Hand tool and finish all joints so that a smooth, small, lip free uniform line is created along the substrate being shot. Remove any excess materials from tooled edges and ends of joint.			
2. Install joint sealants to a depth no more than 1/2 the width of the joint.			
3. Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths which allow optimum sealant movement capability.			
4. Immediately, after sealant application, and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents which discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.			
5. Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.			
4.1 Sealant Schedule:			
A. Kitchen Area:			
- Provide a continuous bead of white GE SCS1700 silicone at the following locations:			
1. Ceiling grid to FRP wall panels.			
2. Base of FRP wall panels to T.O. specified base material.			
3. Walk in cooler walls to FRP wall panels.			
4. Stainless closure pieces at cooler walls to FRP wall panels.			
5. FRP/stainless corner guards to FRP wall panels.			
6. Ceiling tile pipe penetrations.			
7. Wall pipe penetrations and/or escutcheons perimeters. (water & gas lines).			
8. Mop sink stainless surround perimeter to walls.			
9. FRP closure panel, at top of cooler, to cooler walls.			
10. FRP wall panels to hollow metal door frames.			
11. Coke line bundle to PVC cap.			
12. FRP inside corner pieces to FRP wall panels. Both sides of corner piece.			
13. Battery backup cover panel to FRP.			
14. Faucet's to FRP wall panels.			
15. FRP wall panels to quarry tile cove base.			
16. FRP to aluminum plate at walk thru.			
17. Menu board light bracket to ceiling.			
18. Mop sink base at quarry tile.			
19. All sinks (multi-compartment, hand, mop and prep) to FRP/tile walls.			
20. Paper towel dispensers & soap dispensers to FRP/tile walls.			
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:			
1. Stainless closer pieces, at sides of cooler walls - to cooler walls.			
2. Stainless or aluminum plate closure pieces to diamond plate at cooler walls.			
3. Diamond plate panel seam joints.			
4. Diamond plate perimeter to cooler walls.			
5. Base of diamond plate to quarry tile cove base.			
6. Stainless closure panel, at top of cooler walls, to cooler walls.			
7. Top of quarry tile cove base to cooler walls at inside of cooler.			
8. Cooler wall/diamond plate penetrations.			
9. Cooler door hinges and handles to diamond plate. DO NOT caulk door locking unit.			
10. Stainless wrap at hollow metal door frame.			
11. Stainless mop surround to stainless corners on mop sink.			
12. Base of stainless corner pieces to schlutter strip at base.			
13. Exit door threshold perimeters. To frame and floor, interior and exterior.			
- Provide a continuous bead of dark gray GE SCS2000 silicone at the following locations:			
1. Base of hollow metal door jambs to quarry tile floor.			
NOT USED			
SECTION 07900 - JOINT SEALERS			
1.1 General: Provide joint sealers as shown and specified.			
A. Standards:Comply with ASTM C 920 requirements.			
B. Application: Performed by skilled, experienced joint sealer applicators.			
2.1 Materials:			
A. Poly urethane sealants:			
1. Tremco Commercial Sealants (800) 321-7906, internet www.tremcosealants.com,			
a. "Dymonic FC" One component, fast skinning, Low Modulus Polyurethane.			
b. "Dymeric 240 FC" Multi Component, gun grade, chemically curing, tintable fast setting polyurethane sealant.			
2. Sonneborn, (724) 756-9582, internet www.sonneborn.com			
a. Color pack for polyurethane multi component, gun grade chemically curing sealant.			
B. Silicone Sealants:			
1. General Electric Silicones, (800) 295-2392, internet www.gesilicones.com			
a. "SCS1700 Sanitary – Mold/Mildew Resistant Silicone", one component 100% silicone, fungicidal based sealant.			
b. "SCS2700 Silpruf Silicone" one component medium modulus, natural cure silicone all purpose sealant.			
c. "Silglaze II SCS2800- Glazing Sealant" one component, 100% silicone based sealer.			
d. "GE Paintable Silicone" one component paintable silicone.			
e. "SCS1009 Silicone Sealant" one-component acetoxy silicone for general purpose sealing and bonding			
2. Dow Corning Silicones, (989)496-4000, www.dowcorning.com			
a. "Dow 795" – one component, medium modulus, natural cure silicone.			
C. Firestopping Sealants: 3M Fire Protection Products, (800) 328-1687, internet www.3m.com/firestop			
1. "3M Fire Barrier CP 25WB+ Caulk" or approved equal			
D. Joint backing: Non-absorptive, non-staining compressible, non-gassing, polyethylene foam backer rod compatible with joint sealants.			
3.1 Installation:			
A. Preparation: Clean and prepare joints prior to installing sealers:			
1. Wipe shipping oils from surfaces to be sealed. Remove protective films and/or install joint backer rod if joint is larger than 1/2" in width.			
B. Installation: Install joint sealant materials in strict accordance with manufacturer's installation instructions.			
1. Apply sealants in a uniform, continuous bead without gaps or air pockets. Hand tool and finish all joints so that a smooth, small, lip free uniform line is created along the substrate being shot. Remove any excess materials from tooled edges and ends of joint.			
2. Install joint sealants to a depth no more than 1/2 the width of the joint.			
3. Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths which allow optimum sealant movement capability.			
4. Immediately, after sealant application, and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents which discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.			
5. Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.			
4.1 Sealant Schedule:			
A. Kitchen Area:			
- Provide a continuous bead of white GE SCS1700 silicone at the following locations:			
1. Ceiling grid to FRP wall panels.			
2. Base of FRP wall panels to T.O. specified base material.			
3. Walk in cooler walls to FRP wall panels.			
4. Stainless closure pieces at cooler walls to FRP wall panels.			
5. FRP/stainless corner guards to FRP wall panels.			
6. Ceiling tile pipe penetrations.			
7. Wall pipe penetrations and/or escutcheons perimeters. (water & gas lines).			
8. Mop sink stainless surround perimeter to walls.			
9. FRP closure panel, at top of cooler, to cooler walls.			
10. FRP wall panels to hollow metal door frames.			
11. Coke line bundle to PVC cap.			
12. FRP inside corner pieces to FRP wall panels. Both sides of corner piece.			
13. Battery backup cover panel to FRP.			
14. Faucet's to FRP wall panels.			
15. FRP wall panels to quarry tile cove base.			
16. FRP to aluminum plate at walk thru.			
17. Menu board light bracket to ceiling.			
18. Mop sink base at quarry tile.			
19. All sinks (multi-compartment, hand, mop and prep) to FRP/tile walls.			
20. Paper towel dispensers & soap dispensers to FRP/tile walls.			
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:			
1. Stainless closer pieces, at sides of cooler walls - to cooler walls.			
2. Stainless or aluminum plate closure pieces to diamond plate at cooler walls.			
3. Diamond plate panel seam joints.			
4. Diamond plate perimeter to cooler walls.			
5. Base of diamond plate to quarry tile cove base.			
6. Stainless closure panel, at top of cooler walls, to cooler walls.			
7. Top of quarry tile cove base to cooler walls at inside of cooler.			
8. Cooler wall/diamond plate penetrations.			
9. Cooler door hinges and handles to diamond plate. DO NOT caulk door locking unit.			
10. Stainless wrap at hollow metal door frame.			
11. Stainless mop surround to stainless corners on mop sink.			
12. Base of stainless corner pieces to schlutter strip at base.			
13. Exit door threshold perimeters. To frame and floor, interior and exterior.			
- Provide a continuous bead of dark gray GE SCS2000 silicone at the following locations:			
1. Base of hollow metal door jambs to quarry tile floor.			
NOT USED			
SECTION 07900 - JOINT SEALERS			
1.1 General: Provide joint sealers as shown and specified.			
A. Standards:Comply with ASTM C 920 requirements.			
B. Application: Performed by skilled, experienced joint sealer applicators.			
2.1 Materials:			
A. Poly urethane sealants:			
1. Tremco Commercial Sealants (800) 321-7906, internet www.tremcosealants.com,			
a. "Dymonic FC" One component, fast skinning, Low Modulus Polyurethane.			
b. "Dymeric 240 FC" Multi Component, gun grade, chemically curing, tintable fast setting polyurethane sealant.			
2. Sonneborn, (724) 756-9582, internet www.sonneborn.com			
a. Color pack for polyurethane multi component, gun grade chemically curing sealant.			
B. Silicone Sealants:			
1. General Electric Silicones, (800) 295-2392, internet www.gesilicones.com			
a. "SCS1700 Sanitary – Mold/Mildew Resistant Silicone", one component 100% silicone, fungicidal based sealant.			
b. "SCS2700 Silpruf Silicone" one component medium modulus, natural cure silicone all purpose sealant.			
c. "Silglaze II SCS2800- Glazing Sealant" one component, 100% silicone based sealer.			
d. "GE Paintable Silicone" one component paintable silicone.			
e. "SCS1009 Silicone Sealant" one-component acetoxy silicone for general purpose sealing and bonding			
2. Dow Corning Silicones, (989)496-4000, www.dowcorning.com			
a. "Dow 795" – one component, medium modulus, natural cure silicone.			
C. Firestopping Sealants: 3M Fire Protection Products, (800) 328-1687, internet www.3m.com/firestop			
1. "3M Fire Barrier CP 25WB+ Caulk" or approved equal			
D. Joint backing: Non-absorptive, non-staining compressible, non-gassing, polyethylene foam backer rod compatible with joint sealants.			
3.1 Installation:			
A. Preparation: Clean and prepare joints prior to installing sealers:			
1. Wipe shipping oils from surfaces to be sealed. Remove protective films and/or install joint backer rod if joint is larger than 1/2" in width.			
B. Installation: Install joint sealant materials in strict accordance with manufacturer's installation instructions.			
1. Apply sealants in a uniform, continuous bead without gaps or air pockets. Hand tool and finish all joints so that a smooth, small, lip free uniform line is created along the substrate being shot. Remove any excess materials from tooled edges and ends of joint.			
2. Install joint sealants to a depth no more than 1/2 the width of the joint.			
3. Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths which allow optimum sealant movement capability.			
4. Immediately, after sealant application, and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents which discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.			
5. Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.			
4.1 Sealant Schedule:			
A			

2.1 General: Tenant to provide steel doors and frames as shown and specified.

2.1.1 Materials:

A. Steel Doors:

1. Interior: Heavy-duty Level 2, physical performance B, Model 2 seamless construction, ASTM A1008, 18 gage cold-rolled steel face sheets, manufacturer's standard core.

2. Exterior: Extra heavy-duty Level 3, physical performance A, Model 2 seamless construction, ASTM A1008, 16 gage cold-rolled steel face sheets; tops and bottoms closed with flush galvanized steel caps, manufacturer's standard plastic foam insulating core.

2.1.2 Materials:

A. Steel Frames: ASTM A1008, 16 gage cold-rolled steel.

1. Provide combination buck, jamb and trim type frames for 1-3/4" thick doors, unless otherwise indicated.

2. Interior and exterior frames: Set-up welded type with mitered corners, reinforced, fully seam welded with exposed welds ground smooth.

2.1.3 Installation:

A. Install frames plumb, level, rigid, and in true alignment as recommended in ANSI A250.11.

B. Install doors plumb and in true alignment and fastened to achieve the maximum operational effectiveness and appearance as recommended in SDI 122.

SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

2.1 General: Provide aluminum entrances and storefronts as shown and specified.

2.1.2 Related Documents:

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

B. Standards: Materials and construction shall conform to the following:

1. AAMA SFM-1-87 "Aluminum Storefront and Entrance Manual."

2.1.3 Summary:

A. Section Includes:

1. Kawneer Architectural Aluminum Storefront Systems, including perimeter trims, stools, accessories, shims and anchors, and perimeter sealing of storefront units.

a. Types of Kawneer Aluminum Storefront include:

1. Trifab 601T Storefront System - 2" x 6" nominal dimension; Thermal; Center-Set

2. Trifab VG 451T Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set

2. Kawneer Aluminum Entrances, glass and glazing, and components

a. Types of Kawneer Aluminum Entrances include:

1. 500 Swing Door; Wide stile, 5" vertical face dimension, 1-3/4" depth, high traffic applications or as indicated on Drawings.

3. Kawneer Tube for Feature Exterior Slat Wall

4. Alternate Storefront Systems only when approved by Arch PM and Chipotle DM.

a. YKK

1. YES 60 TU Storefront System - 2" x 6" nominal dimension; Thermal

2. YES 45 TU Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set

b. Oldcastle

1. Series 6000XT Storefront System - 2" x 6" nominal dimension; Thermal

2. Series 3000 Thermal MultiPlane Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set

c. US Aluminum

1. Series FT601 - 2" x 6" nominal dimension; Thermal

2. Series FT451 - 2" x 4-1/2" nominal dimension; Thermal; Front-Set

d. EFCO

1. Series 406 (T) Storefront System - 2" x 6-1/2" nominal dimension; Thermal

2. Series 403 (T) Storefront System - 2" x 4-1/2" nominal dimension; Thermal

e. Wausau

1. TU24650 Storefront System - 2" x 6-1/2" nominal dimension; Thermal

2. TU24000 Storefront System - 2" x 4-1/2" nominal dimension; Thermal

2.1.4 Performance Requirements:

A. General Performance: Aluminum-framed storefront system shall withstand the effects of the following performance requirements without exceeding performance criteria or failure due to defective manufacture, fabrication, installation, or other defects in construction;

1. Design Wind Loads: Determine design wind loads applicable to the Project from basic wind speed indicated in miles per hour, according to ASCE 7, Section 6.5, "Method 2-Analytical Procedure," based on mean roof heights above grade indicated on Drawings.

a. Basic Wind Speed (MPH): Determine to meet local codes listed on A000

b. Importance Factor: (1.00)

c. Exposure Category (A, B, C, D): Determine to meet local codes listed on A000

B. Storefront System Performance Requirements:

1. Wind loads: Provide storefront system; include anchorage, capable of withstanding inward and outward wind load design pressures meeting local codes listed on sheet A000.

2. Air Infiltration:

a. Air Infiltration for storefront frame system: The test specimen shall be tested in accordance with ASTM E 283. Air infiltration rate shall not exceed 0.06 cfm/ft. sq. at a static air pressure differential of 6.24 psf.

b. Air Infiltration for storefront entrances: For single acting offset pivot or butt hung entrances in the closed and locked position, the test specimen shall be tested in accordance with ASTM E 283 at a pressure differential of 6.24 psf (300 Pa) for single doors and 1.567 psf (75 PA) for pairs of doors. A single 3'0" x 7'0" entrance door and frame shall not exceed 0.50 cfm per square foot. A pair of 6'0" x 7'0" entrance doors and frame shall not exceed 1.0 cfm per square foot.

3. Water Resistance: The test specimen shall be tested in accordance with ASTM E 331. There shall be no leakage at a minimum static air pressure differential of 8 psf as defined in AAMA 501.

4. Uniform Load: A static air design load of 20 psf shall be applied in the positive and negative direction in accordance with ASTM E 330. There shall be no deflection in excess of U/175 of the span of any framing member. At a structural test load equal to 1.5 times the specified design load, no glass breakage or permanent set in the framing members in excess of 0.2% of their clear spans shall occur.

5. Thermal Transmittance (U-factor): When tested to AAMA Specification 1503, the thermal transmittance (U-factor) shall be not more than:

a. Glass to Exterior - 0.47 (low-e)

6. Condensation Resistance (CRF): When tested to AAMA Specification 1503, the condensation resistance factor shall not be less than:

a. Glass to Exterior - 70 frame and 69 glass (low-e)

7. Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class (OITC): When tested to AAMA Specification 1801 and in accordance with ASTM E1425 and ASTM E90, the STC and OITC Rating shall not be less than:

a. Glass to Exterior - 38 (STC) and 31 (OITC)

2.5 Submittals:

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, hardware, finishes, and installation instructions for each type of aluminum frame storefront system and storefront entrance doors indicated.

B. Shop Drawings: Include plans, elevations, sections, details, hardware, and attachments to work, operational clearances and installation details.

C. Samples for Initial Selection: For units with factory-applied color finishes including samples of hardware and accessories involving color section.

2.6 Quality Assurance

A. Installer Qualifications: An installer which has had successful experience with installation of the same or similar units required for the project and other projects of similar size and scope

B. Manufacturer Qualifications: A manufacturer capable of providing aluminum framed storefront system that meet or exceed performance requirements indicated and of documenting this performance by inclusion of test reports, and calculations.

C. Source Limitations: Obtain aluminum framed storefront system and storefront entrance doors through one source from a single manufacturer.

D. Product Options: Drawings indicate size, profiles, and dimensional requirements of aluminum framed storefront system and are based upon the specific system indicated. Do not modify size and dimensional requirements.

1. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.

2.7 Project Conditions:

A. Field Measurements: Verify actual dimensions of a aluminum framed storefront openings by field measurements before fabrication and indicate field measurements on Shop Drawings.

2.8 Warranty

A. Manufacturers Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty.

1. Warranty Period: Two (2) years from Date of Substantial Completion of the project provided however that the Limited Warranty shall begin in no event later than six months from date of shipment by manufacturer.

2.1 Manufacturers:

A. Manufacturer: Kawneer Company Inc., Contact: Doug Hess, Phone: 317-771-9265; email:doug.hess@arconic.com

1. Basis-of-Design Product Storefront Framing:

a. Trifab 601T (thermal) Storefront System

i. 2" x 6" System Dimensions

ii. Glass: Exterior (Center-Set)

b. Trifab 451T (thermal) Storefront System

i. 2" x 4-1/2" System Dimensions

ii. Glass: Exterior (Front-Set)

2. Basis-of-Design Product Storefront Entrances:

a. The door stile and rail face dimensions of the 500-Wide Stile entrance door will be as follows or as indicated on Drawings: Door: 500; Vertical Stile: 5"; Top Rail: 5"; Bottom Rail: 10"

b. Major portions of the door members to be 0.125" nominal in thickness and glazing molding to be 0.05" thick.

c. Glazing gaskets shall be either EPDM elastomeric extrusions or a thermoplastic elastomer.

d. Provide adjustable glass jacks to help center the glass in the door opening.

3. Basis-of-Design Product Feature Exterior Slat Wall:

a. Kawneer Tube #027881 (1" x 3"), capped at top and bottom

i. Alternate Exterior Slat Wall only when approved by Arch PM and Chipotle DM.

1. Architectural Fabrication

B. Alternate Storefront Systems only when approved by Arch PM and Chipotle DM.

1. YKK

a. YES 60 TU Storefront System - 2" x 6" nominal dimension; Thermal

b. YES 45 TU Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set

2. Oldcastle

a. Series 6000XT Storefront System - 2" x 6" nominal dimension; Thermal

b. Series 3000 Thermal MultiPlane Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set

3. US Aluminum

a. Series FT601 - 2" x 6" nominal dimension; Thermal

b. Series FT451 - 2" x 4-1/2" nominal dimension; Thermal; Front-Set

4. EFCO

a. Series 406 (T) Storefront System - 2" x 6-1/2" nominal dimension; Thermal

b. Series 403 (T) Storefront System - 2" x 4-1/2" nominal dimension; Thermal

5. Wausau

a. TU24650 Storefront System - 2" x 6-1/2" nominal dimension; Thermal

b. TU24000 Storefront System - 2" x 4-1/2" nominal dimension; Thermal

2.2 Materials:

A. Provide aluminum entrances and storefront matching the existing building aluminum entrances and storefronts, unless otherwise indicated.

B. Aluminum Frame Extrusions: Alloy and temper recommended by aluminum storefront manufacturer for strength, corrosion resistance, and application of required finish and not less than 0.070" wall thickness at any location for the main frame and complying with ASTM B 221: 6063-T6 Alloy and Temper.

C. Aluminum Storefront Entrance Extrusions: Alloy and temper recommended by aluminum-framed glass door manufacturer for strength, corrosion resistance, and application of required finish and not less than 0.090" wall thickness at any location for the main frame and sash members.

D. Fasteners: Aluminum, nonmagnetic stainless steel or other materials to be non-corrosive and compatible with aluminum window and door members, trim hardware, anchors, and other components.

E. Anchors, Clips, and Accessories: Aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions, or other suitable zinc coating; provide sufficient strength to withstand design pressure indicated.

F. Reinforcing Members: Aluminum, nonmagnetic stainless steel, or nickel/chrome-plated steel complying with ASTM B 456 for Type SC 3 severe service conditions, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions or other suitable zinc coating; provide sufficient strength to withstand design pressure indicated.

G. Sealant: For sealants required within fabricated storefront system, provide permanently elastic, non-shrinking, and non-migrating type recommended by sealant manufacturer for joint size and movement.

H. Tolerances: Reference to tolerances for wall thickness and other cross-section dimensions of storefront members are nominal and in compliance with AA Aluminum Standard Data.

2.3 Storefront Framing System:

A. Thermal Barrier: Thermal Break shall be designed in accordance with AAMA TIR-A8 and tested in accordance with AAMA 505.

1. Kawneer IsoLock Thermal Break with a 1/4" separation consisting of a two-part chemically curing, high-density polyurethane, which is mechanically and adhesively joined to aluminum storefront sections.

B. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with non-staining, nonferrous shims for aligning system components.

C. Fasteners and Accessories: Manufacturer's standard corrosion-resistant, non-staining, non-bearing fasteners and accessories compatible with adjacent materials. Where exposed shall be stainless steel.

D. Perimeter Anchors: When steel anchors are used, provide insulation between steel material and aluminum material to prevent galvanic action.

E. Packing, Shipping, Handling and Unloading: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

F. Storage and Protection: Store materials protected from exposure to harmful weather conditions. Handle storefront material and components to avoid damage. Protect storefront material against damage from elements, construction activities, and other hazards before, during and after storefront installation.

2.4 Glazing Systems:

A. Glazing: As specified in Section 08800 - Glazing.

B. Glazing Gaskets: Manufacturer's standard compression types; replaceable, extruded EPDM rubber.

C. Spacers and Setting Blocks: Manufacturer's standard elastomeric type.

D. Bond-Breaker Tape: Manufacturer's standard TFE-fluorocarbon or polyethylene material to which sealants will not develop adhesion.

E. Glazing Sealants: For structural-sealant-glazed systems, as recommended by manufacturer for joint type, and as follows:

1. Structural Sealant: ASTM C 1184, single-component neutral-curing silicone formulation that is compatible with system components with which it comes in contact, specifically formulated and tested for use as structural sealant and approved by a structural-sealant manufacturer for use in aluminum-framed systems indicated.

a. Color: Black

2. Weatherseal Sealant: ASTM C 920 for Type S, Grade NS, Class 25, Uses NT, G, A, and O; single-component neutral-curing formulation that is compatible with structural sealant and other system components with which it comes in contact; recommended by structural-sealant, weatherseal-sealant, and aluminum-framed-system manufacturers for this use.

a. Color: Matching structural sealant.

2.5 Entrance Door Systems:

A. Entrance Door Hardware: As specified in Section 08710 Door Hardware.

2.6 Accessory Materials:

A. Joint Sealants: For installation at perimeter of aluminum-framed systems, as specified in section 07900 - Joint Sealers

2.7 Storefront Framing Fabrication:

A. Framing Members, General: Fabricate components that, when assembled, have the following characteristics:

1. Profiles that are sharp, straight, and free of defects or deformations.

2. Accurately fit joints; make joints flush, hairline and weatherproof.

3. Means to drain water passing joints, condensation within framing members, and moisture migrating within the system to exterior.

4. Physical and thermal isolation of glazing from framing members.

5. Accommodations for thermal and mechanical movements of glazing and framing to maintain required glazing edge clearances.

6. Provisions for field replacement of glazing.

7. Fasteners, anchors, and connection devices that are concealed from view to greatest extent possible.

B. Mechanically Glazed Framing Members: Fabricate for flush glazing without projecting stops.

C. Structural-Sealant-Glazed Framing Members: Include accommodations for using temporary support device to retain glazing in place while structural sealant cures.

D. Storefront Framing: Fabricate components for assembly using manufacturers standard installation instructions.

E. After fabrication, clearly mark components to identify their locations in Project according to Shop Drawings.

2.8 Storefront Entrance Door Fabrication:

A. Fabricate aluminum-framed glass entrance doors in sizes indicated. Include a complete system for assembling components and anchoring doors.

B. Fabricate aluminum-framed glass doors that are reglazable without dismantling perimeter framing.

1. Door corner construction shall consist of mechanical clip fastening, SIGMA deep penetration plug welds and 1-1/8" long fillet welds inside and outside of all four corners. Glazing stops shall be hook-in type with EPDM glazing gaskets reinforced with non-stretchable cord.

2. Accurately fit and secure joints and corners. Make joints hairline in appearance.

3. Prepare components with internal reinforcement for door hardware.

4. Arrange fasteners and attachments to conceal from view.

C. Weather Stripping: Provide weather stripping locked into extruded grooves in door panels or frames as indicated on manufactures drawings and details.

2.9 Aluminum Finishes:

A. Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.

B. Factory Finishing:

1. Kawneer Permafluor (70% PVDF), AAMA 2605, Fluoropolymer Coating (Color: Charcoal or as noted on Drawings)

2. Finishing for alternate storefront specifications to be verified by Arch PM and Chipotle DM

a. YKK "Charcoal" UC99477, Superior Painted Finishes

b. All others to be verified with samples and submittals to Arch PM

2.10 Brake Metal Trim:

A. Shop Drawings: Show layout and elevations, dimensions and thickness of panels, connections, details and location of joints, sealants and gaskets, method of anchorage, number of anchors, supports, reinforcement, trim, flashings, and accessories.

1. Show actual field measurements on shop drawings.

2. Differentiate between shop and field fabrication.

3. Indicate substrates and adjacent work with which the fabrications must be coordinated.

4. Include large-scale details of anchorages and connecting elements.

5. Include large-scale or schematic exploded or isometric diagrams to fully explain flashing at a scale of not less than 1-1/2 inches per 12 inches (1:10)

2.11 Formed Metal Fabrications - General:

A. Shop assembly: Preassemble items to greatest extent possible. Minimize field splices and field assembly. Disassemble only as necessary for transportation and handling. Mark items clearly for assembly and installation.

B. Coordinaton: Match dimensions and attachment of formed metal items to adjacent construction. Produce integrated assemblies. Closely fit joints; align edges and flat surfaces unless indicated otherwise.

C. Forming: Profiles indicated. Maximize lengths. Fold exposed edges to form hem indicated or ease edges to radius indicated with coealed stiffener. Provide flat, flush surfaces without cracking or grain separation at bends.

D. Reinforcement: Increase metal thickness; use concealed stiffeners, backing materials or both. Provide stretcher leveled standard of flatness and stiffness required to maintain flatness and hold adjacent items in flush alignment.

E. Anchors: Straps, plates and anchors as required to support and anchor items to adjacent construction.

F. Supports: Miscellaneous framing, mounting, clips, sleeves, fasteners and accessories required for installation.

G. Welding and brazing: Weld or braze joints continuously. Grind smooth, fill or dress to produce smooth, flush, exposed surfaces. Do not discolor metal. Grind Smooth, polish, and restore damaged finishes to required condition.

1. Ease exposed edges to small uniform radius.

2. Welded joints.

a. Carbon Steel: Perform welding in accordance with AWS D1.1/D1.1M.

b. Stainless Steel: Perform welding in accordance with AWS D1.6/D1.6M

3. Brass/Bronze Brazed Joints:

a. Perform torch brazing in accordance with AWS C3.4M/C3.4

b. Perform induction brazing in accordance with AWS C3.5M/C3.5

c. Perform resistance brazing in accordance with AWS C3.9M/C3.9

H. Performance requirements;

1. Thermal Movements:

a. Allow for thermal movements in exterior metal fabrications due to temperature changes. Prevent buckling, opening of joints, overstressing of components, failure of connections, and other detrimental effects.

b. Temperature Change Range: 120 degrees F (67 degrees C, ambient; 180 degrees F (100 degrees C), on material surfaces.

2. Corrosion: Prevent galvanic action and other forms of corrosion by isolating metals and other materials from direct contact with incompatible materials.

2.12 Formed Metal Fabrications - Sheet Metal

A. Closures, Trim, and Fill Panels:

1. Form Closures from type and thickness of metal indicated.

2. Conceal fasteners when possible.

3. Drill and tap holes for securing to other surfaces.

4. Provide gaskets where indicated or needed for continuous seal at adjacent surfaces.

5. Miter or cope at corners and reinforce with bent metal plate. Form tight joints.

2.13 Materials

A. General: Provide sheet metal without pitting, seam marks, roller marks, stains, discolorations, or other imperfections exposed to view on finished units.

B. Galvanized Steel Sheet: ASTM A653/A653M, G90 (Z275) coating. 14 gauge min. thick base material.

C. Anchors, Clips, and Accessories: Use one of the following:

1. Stainless steel complying with ASTM A276/A276M, ASTM A480/A480M, or ASTM A666.

2. Steel complying with ASTM A36/A36M and hot-dipped galvanized to ASTM A153/A153M.

3. Steel complying with ASTM A36/A36M and hot-dipped galvanized to ASTM A123/A123M Coating Grade 35

4. Interior locations: Carbon steel; zinc coated in accordance with ASTM B633 or ASTM F1941/F1941M, Class Fe/Zn 5.

5. Exterior Locations or in contact with Stainless Steel:

a. Bolts: Stainless steel; ASTM F593, Group 1 (A1)

b. Nuts: Stainless steel; ASTM F594.

6. Structural Anchors: Provide anchors where work is indicated to comply with design loads.

b. Type: Provide chemical or torque controlled expansion anchors.

a. Capacity: When tested according to ASTM E488/E488M; four times the load imposed when installed in concrete.

7. Nonstructural Anchors: Provide powder-actuated fasteners where work is not indicated to comply with design loads. Provide size and number required for load, installation, and as recommended by manufacturer, unless indicated otherwise.

D. Fasteners, General: Same basic metal and alloy as formed metal sheet unless indicated otherwise. Do not use metals incompatible with the materials joined.

E. Gaskets: As required to seal joints in decorative formed metal and remain airtight; as recommended in writing by decorative formed metal manufacturer.

2.14 Finishes

A. Finishes, General: Comply with NAAMM AMP 500-06

1. Complete mechanical finishes before fabrication. After fabrication, finish joints, bends, abrasions and surface blemishes to match sheet.

2. Protect mechanical finishes on exposed surfaces from damage.

3. Apply organic and anodic finishes to formed metal after fabrication unless indicated otherwise.

A. Appearance: Limit variations in appearance of adjacent to one-half the range represented in approved samples. noticeable variations in the same piece are not acceptable. Install components in the range of approved samples to minimize contrast.

B. Galvanized Steel Finishes:

1. Repair Galvanized Surfaces: Clean welds and abraded areas and repair galvanizing to comply with ASTM A780/A780M

2. Color: As shown on the drawings.

3. Factory Prime: Apply shop primer to prepared surfaces of items where field painting after installation indicated, unless indicated otherwise. Comply with requirements in SSPC-PA1

4. High Performance Organic Coatings: AAMA 2604; multiple coats, thermally cured fluoropolymer system.

3.1 Examination:

A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work. Verify rough opening dimensions, levelness of sill plate and operational clearances. Examine wall flashings, vapor retarders, water and weather barriers, and other built-in components to ensure a coordinated, weather tight framed aluminum storefront system installation.

1. Masonry Surfaces: Visibly dry and free of excess mortar, sand, and other construction debris.

2. Wood Frame Walls: Dry, clean, sound, well nailed, free of voids, and without offsets at joints. Ensure that nail heads are driven flush with surfaces in opening and within 3 inches of opening.

3. Metal Surfaces: Dry; clean; free of grease, oil, dirt, rust, corrosion, and welding slag; without sharp edges or offsets at joints.

4. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 Installation:

A. Comply with Drawings, Shop Drawings, and manufacturer's written instructions for installing aluminum framed storefront system, aluminum swing storefront entrance doors, accessories, and other components.

B. Install aluminum framed storefront system and storefront doors level, plumb, square, true to line, without distortion or impeding thermal movement, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction.

C. Set sill members and door threshold in bed of sealant or with gaskets, as indicated, for weather tight construction.

D. Install aluminum framed storefront system and components to drain condensation, water penetrating joints, and moisture migrating within sliding door to the exterior. Refer to section 07900 - Joint Sealers.

E. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.

F. Install aluminum storefront framing system glass and glazing, in accordance with section 08800 and the manufacturer's requirements.

3.3 Adjusting, Cleaning, and Protection:

A. Clean aluminum surfaces immediately after installing aluminum framed storefronts. Avoid damaging protective coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.

B. Clean glass immediately after installation. Comply with glass manufacturer's written recommendations for final cleaning and maintenance. Remove nonpermanent labels, and clean surfaces.

C. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

SECTION 08510 - GLASS AND GLAZING

2.1 General: Provide door hardware as shown and specified.

2.1.1 Standards: Materials and installation shall conform to the following:

1. ASTM A240 - Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels.

2. ASTM A653 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.

3. ASTM B209 - Aluminum and Aluminum-Alloy Sheet and Plate.

4. ASTM B221 - Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.

5. ASTM B580 - Standard Specification for Anodic Oxide Coatings on Aluminum.

6. ASTM B680 - Standard Test Method for Seal Quality of Anodic Coatings on Aluminum by Acid Dissolution.

7. ASTM C1048 - Heat-Treated Flat Glass--Kind H5, Kind FT Coated and Uncoated Glass.

8. ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass.

9. ASTM E774 - Standard Specification for Sealed Insulating Glass Units.

10. Aluminum Association AA DA4-45 - Designation System for Aluminum Finishes.

B. Quality Assurance:

1. Manufacturer Qualifications: Minimum of 25 years successful experience continuously manufacturing pass-thru windows.

2. Installer Qualifications: Installer shall have five years experience manufacturing and fabricating windows of similar type and scope as those specified in this section.

2.1.2 Materials:

A. Acceptable Manufacturers. Arch PM to verify required manufacturer per Tenant's assignment.

1. Quikserv; Toll Free: 1.800.388.8307; Email: sales@quikserv.com; Web: https://www.quikserv.com/

2. ReadyAccess; Toll Free: 1.800.621.5045; Email: ready@ready-access.com; Web: https://www.ready-access.com

B. No substitutions allowed. Requirements for manufacturer, design, grade, function, finish, size and other distinctive qualities of each type of door hardware are indicated on the drawings.

[illegible]

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:

- CISCA "Acoustical Ceilings - Use and Practice."
- ASTM C635.
- ASTM C636.

- B. Related Sections:
- 09515 Cementitious Wood Fiber Acoustical Panels: Suspension system.

2.1 Materials:

- A. Manufacturer:
- USG Interiors, Inc., (800) 950-3839, www.usg.com
 - 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.
- Light pocket can have up to 6 week lead time and should be ordered as soon as possible.
 - 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.
- 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.
 - 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.
 - Hanger Wire: No. 12 SWG galvanized steel wire.
 - Heavy Duty "Tee" Grid System for use with Felt Baffle Ceiling System: USG Donn Brand DX/DXL with 15/16" wide face tees, color: black

3.1 Installation

- A. Install acoustical ceiling materials and suspension systems in strict accordance with manufacturer's recommendations, complying with governing regulations and industry standards applicable to the work.
- B. Suspension system installation shall be laser leveled with a maximum surface leveling tolerance of 1/8" in 12'-0".
- C. Install exposed Tee suspension systems with main tees nominally 12 ft long spaced 48 in O.C. and cross tees nominally 4 feet long spaced 24 in O.C.
- D. Install concealed Tee suspension systems with main tees nominally 12 ft long spaced 24 inches O.C. and cross tees nominally 2 ft long spaced 48 in O.C.
- E. Hanger wire shall be spaced 48" O.C. along main tees, at all four corners of light fixtures (where applicable), at midpoint of cross tees adjacent to light fixtures and duct outlets, and adjacent to main tee splices.
- F. Secure wire hangers by looping and wire-tying either directly to building structure or to hangers that are secure and appropriate for substrate.
- G. Provide edge trim molding at perimeter of acoustical ceiling installation and intermediate vertical surfaces. Use maximum lengths. Miter trim corners to Provide tight, accurate joints. Connect moldings securely to substrate surfaces.

SECTION 09653 - RUBBER WALL BASE

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

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

- ASTM D 2240 Rubber - 85 Shore A

2.1 Materials:

- A. Manufacturer: Johnssonite, Inc., (800) 899-8916, internet: www.johnssonite.com
- Basis-of-Design Product Rubber Wall Base:
 - Resilient Rubber:
 - .125" (3.17 mm) Thickness
 - "Black" color
 - Straight (toeless) or coved as specified on finish plan
 - Inside and outside corners with 4" returns.
 - Alternate Wall Base only when approved by Arch PM and Chipotle DM.
 - Vinyl Wall Base
 - .125" (3.17 mm) Thickness
 - "Black" color
 - Straight (toeless) or coved as specified on finish plan
 - Inside and outside corners with 4" returns.
 - Setting Adhesive
 - For porous surface applications: Johnssonite 960 Acrylic Cove Base Adhesive
 - For non-porous surface applications: Johnssonite 946 Contact Bond Adhesive or polymer based alternative

3.1 Installation:

- A. Preparation: Clean substrate surfaces scheduled to receive resilient rubber and vinyl wall base thoroughly and remove all coatings that may impair bond. A uniform temperature of at least 65 degrees Fahrenheit shall be maintained for 24 hours before, during and after the installation is completed. The wall base and adhesives shall be conditioned in the same manner. Coiled wall base shall be uncoiled and lay flat for at least 24 hours at 65 degrees Fahrenheit prior to installation. Floor and walls shall be clean, dry, and free of dust, all paints, wallpaper, and all other foreign material, which may affect proper adhesive bonding. Wall base may be installed on interior plaster, gypsum wall board, concrete, masonry, mineral-reinforced cement board or similar porous surfaces. Wall base shall not be installed on surfaces that will be exposed to drastic temperature changes or moisture.
- B. Application: Use a 1/8" square notch trowel to apply adhesive. Allow adhesive to set up and then apply wall base in accordance with manufacturer's instructions.

SECTION 09770 - SPECIAL WALL SURFACING - PHENOLIC INTERIOR WALL PANELS

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

1.2 Related Sections:

- A. Section 05400 - Cold Formed Metal Framing
- B. Section 06210 - Finish Carpentry and Millwork
- C. Section 07900 - Joint Sealers
- D. Section 09260 - Gypsum Board Systems

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

- A. ASTM D638 - 10 Standard Test Method for Tensile Properties of Plastics.
- B. ASTM D790 - 10 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- C. ASTM E84 - 12 Standard Test Method for Surface Burning Characteristics of Building Materials.
- D. NEMA Standards Publication LD3-2005. High pressure decorative laminates.

1.4 Design/Performance Requirements:

- A. Design and size of wall panel assemblies including wall panels, mounting system to support weight of panels.
- B. Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on expected movement of material as defined in fabrication guidelines.

1.5 Quality Assurance:

- A. Manufacturer's Qualifications:
- Sufficient plant facilities to provide quality and quantity of materials as required without delaying progress of work.
 - Minimum of 40 years of experience in paper saturation of phenolic resin, and producing phenolic paper laminate.
- B. Fabricator:
- Fabricated by the manufacturer, and/or;
 - Contracted by the customer, minimum 5 years' experience in fabrication work for the size and complexity of the projects.
- C. Installer
- Proven professional installer with a minimum of 5 years of documented experience.
 - 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:
- Keep panels dry and stored indoors in original packaging until installation.
 - Store Stonewood panels on a smooth, dry, flat surface, making sure there are no bends or bowing in the load.
 - Do not store directly on cold concrete floors as moisture may migrate.
 - Do not store under heating units or air conditioning units.
 - Keep load stored within outer wrap until use. Remove pallet straps once load is moved to storage area.
 - Reseal plastic wrap if partial load is used.
 - Keep foam dividers in place.
- D. Handling:
- Handle materials in accordance with manufacturer's instructions.
 - Protect materials during handling to prevent damage.
 - 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 conditons for finish work.
- B. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
- C. Field Measurements: Verify locations of structural members and wall opening dimensions by field measurements before composite wall panel fabrication and indicate field measurements on Shop Drawings.

2.1 Manufacturer:

- A. Fibersin Industries, Inc. PO Box 808, Oconomowoc, WI 53066. Phone: (262) 567-4427, Fax: (262) 567-4814, Web Site: www.stonewoodpanels.com. Email: info@fibersin.com
- B. Made in the United States from materials sourced in the USA.

2.2 Application:

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

2.3 Interior Stonewood:

- A. Material: Solid phenolic laminate panel w/o overlay.
- B. Color: Black ND
- C. Finish: Matte
- D. Standard Size: 48"x96", fabricator to trim height to 47"
- E. Panel Thickness: 5/16", 1/2"
- F. Panel Core: HR Black

2.4 Minimum Material Properties

A. NEMA Requirements:	<u>NEMA Requirements</u>	
	3.11	
Dimensional Change:	0.3% Maximum	0.25%
Length (Machine Direction)	0.7% Maximum	0.50%
Width (Cross Direction)		
Density (PCF)	82	

B. Mechanical Properties:	<u>NEMA Requirements</u>	
	Property	
Flexural Strength ASTM		
D-790		
MD (psi)	18,000	20,000
CD (psi)	12,000	16,000
Flexural Modulus ASTM		
D-790		
MD (psi)	1.6x10 ⁶	2.0 x10 ⁶
CD (psi)	1.4x10 ⁶	1.5x10 ⁶
Tensile Modulus ASTM		
D-638		
MD (psi)	18,000	18,000
CD (psi)	12,000	13,000

C. Fire Resistance:	<u>Class A (0.250")</u>		<u>Class B (0.250")</u>
Flame Spread Index - ASTM E-84 (BLDG):	5		30
Smoke Developed Values - ASTM E-84 (BLDG):	5		105
Fire Rating (Standard Product is Class B):	A		B

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

2.5 Accessories (Fasteners):

- A. Panel Fasteners: #10 x 1-1/4" flat phillips head black oxide wood screws to be used with wood blocking and #10 x 1-1/4" flat phillips head black oxide sheet metal screws to be used with sheet metal blocking as recommended by the manufacturer.
- B. Provide exposed fasteners with heads matching color of composite wall panels by means of factory-applied coating.
- C. Fasteners shall by designed to withstand effects of dead load and accommodate hydrothermal expansion/contraction of panel.
- D. Wall Panel Accessories: Provide components required for a complete composite wall panel assembly including trim, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of composite wall panels unless otherwise indicated.

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 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:
- Exposed exterior items and surfaces.
 - Exposed interior items and surfaces.
 - 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:
- Product name or tile of material.
 - Product description (generic classification or binder type).
 - Manufacturer's stock number and date of manufacture.
 - Contents by volume, for pigment and vehicle constituents.
 - Thinning instructions.
 - Application instructions.
 - Color name and number.
 - 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.
- 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.
- 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:
- PPG Industries, Inc.
 - Materials - No substitutions allowed.

2.2 Paint Materials, General

- A. Material Compatibility: Provide block fillers, primers, undercoats, and finish-coat materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

- B. Material Quality: Provide manufacturer's best-quality "professional" paint material of the various coating types specified. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

Colors: Color guided selected by owner and will be strictly adhered too, unless otherwise noted.

C. Exterior Coatings:

Exterior Ferrous Metals:

Preparation: Remove all visible oil, grease, soil, rust and all other soluble contaminates from steel surface. Uniformly roughen surface with 150-grit paper. Remove all dust before solvent cleaning by the use of stiff bristle brush.

Prime: (1) coat PPG, 4020PF Series Pitt-Tech Plus Int/Ext DTM Acrylic Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Finish: (2) coats PPG, 4216 Plus HP Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Application: Conventional or HVLP (high volume low pressure)

Exterior and Interior Gas Piping:

Preparation: Remove all visible oil, grease, soil, rust and all other soluble contaminates from pipe surface. Remove all dust before solvent cleaning by the use of stiff bristle brush.

Prime: (1) Coat PPG, 4020PF Series Pitt-Tech Plus Int/Ext DTM Acrylic Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Finish: (2) Coats PPG, 4216 Plus HP Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils

Application: Conventional or HVLP (high volume low pressure)

Exterior Patio Railing:

Preparation: Remove all visible oil, grease, soil, loose paint, rust and all other soluble contaminates from steel surface. Remove all dust before solvent cleaning SSPC-SP1 by the use of stiff bristle brush. SSPC-SP3 may be required as a more aggressive preparation to remove loose mill scale, loose rust, loose paint and other loose detrimental foreign matter from the surface. Performance is better with more aggressive preparation.

Prime: (1) coat PPG, 95-3300 Durathane DTM Urethane Mastic (250 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.

Finish: (1) coat PPG, 95-3300 Durathane DTM Urethane Mastic (250 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.

Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Exterior Prefinished Metal Wall Panels:

Preparation: Before applying primer or other surface treatments, clean galvanized metal surface to SSPC-SP1 that could impair bond of the various coatings. Remove oil, grease and soap film before priming use of Krud Kutter Metal Clean & Etch may be required on bare or new galvanized. Surface must be clean, dry and free of contaminants, including salt deposits. Additional prep may be needed to SSPC-SP2. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.

Note: Some selected areas of bare concrete surfaces will require (1) coat of Perma Crete 4-603XI Alkali Resistant Concrete Primer before steel installation over all concrete surfaces.

Owner Option 1:

Prime: (1) coat XIM Primer Bond - Applied at a dry film thickness of not less than 1.5 to 2.0 mils.

Finish: (2) coats PPG, 90-1110 Series Pitt-Tech Satint DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 2:

Prime: (1) coat PPG, 97-245 Pitt-Guard DTR Epoxy Mastic Primer (263 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 7.0 mils.

Finish: (2) coats PPG, 95-3300 Durathane Urethane Mastic (240 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 3 (Low VOC):

Prime: (1) coat PPG, Amerlock 2 Fast Dry VOC Compliant Epoxy (84 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 6.0 mils.

Finish: (2) coats PPG, Amershiel VOC Aliphatic Urethane (84 g/L VOC): Applied at a dry film thickness of not less than 5.0 to 8.0 mils.

Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Exterior Galvanized Metal:

Preparation: Before applying primer or other surface treatments, clean galvanized metal surface to SSPC-SP1 that could impair bond of the various coatings. Remove oil, grease and soap film before priming use of Krud Kutter Metal Clean & Etch may be required on bare or new galvanized. Surface must be clean, dry and free of contaminants, including salt deposits. Additional prep may be needed to SSPC-SP2. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.

Note: Some selected areas of bare concrete surfaces will require (1) coat of Perma Crete 4-503 Concrete Primer before steel installation over all concrete surfaces.

Owner Option 1:

Prime: (1) coat PPG, 6-209 SpeedHie Galvanized Metal Primer (400 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.

Finish: (2) coats PPG, 4216 Plus HP Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 2:

Prime: (1) coat PPG, 97-245 Pitt-Guard DTR Epoxy Mastic Primer (263 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 7.0 mils.

Finish: (2) coats PPG, 95-3300 Durathane Urethane Mastic (240 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 3 (Low VOC):

Prime: (1) coat PPG, Amerlock 2 Fast Dry VOC Compliant Epoxy (84 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 6.0 mils.

Finish: (2) coats PPG, Amershiel VOC Aliphatic Urethane (84 g/L VOC): Applied at a dry film thickness of not less than 5.0 to 8.0 mils.

Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Architect of Record

NAHRA

DESIGN GROUP

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Washington, DC 20015
www.nahradesign.com

MEP

N

NATIONAL

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Professional Seal

I, Michael R. Mason, hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional Architect under the laws of the Commonwealth of Virginia.

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Issue Record:	
01/22/2024	ISSUE FOR LL REVIEW
02/01/2024	ISSUE FOR PERMIT
08/27/2024	ISSUE FOR CONSTRUCTION

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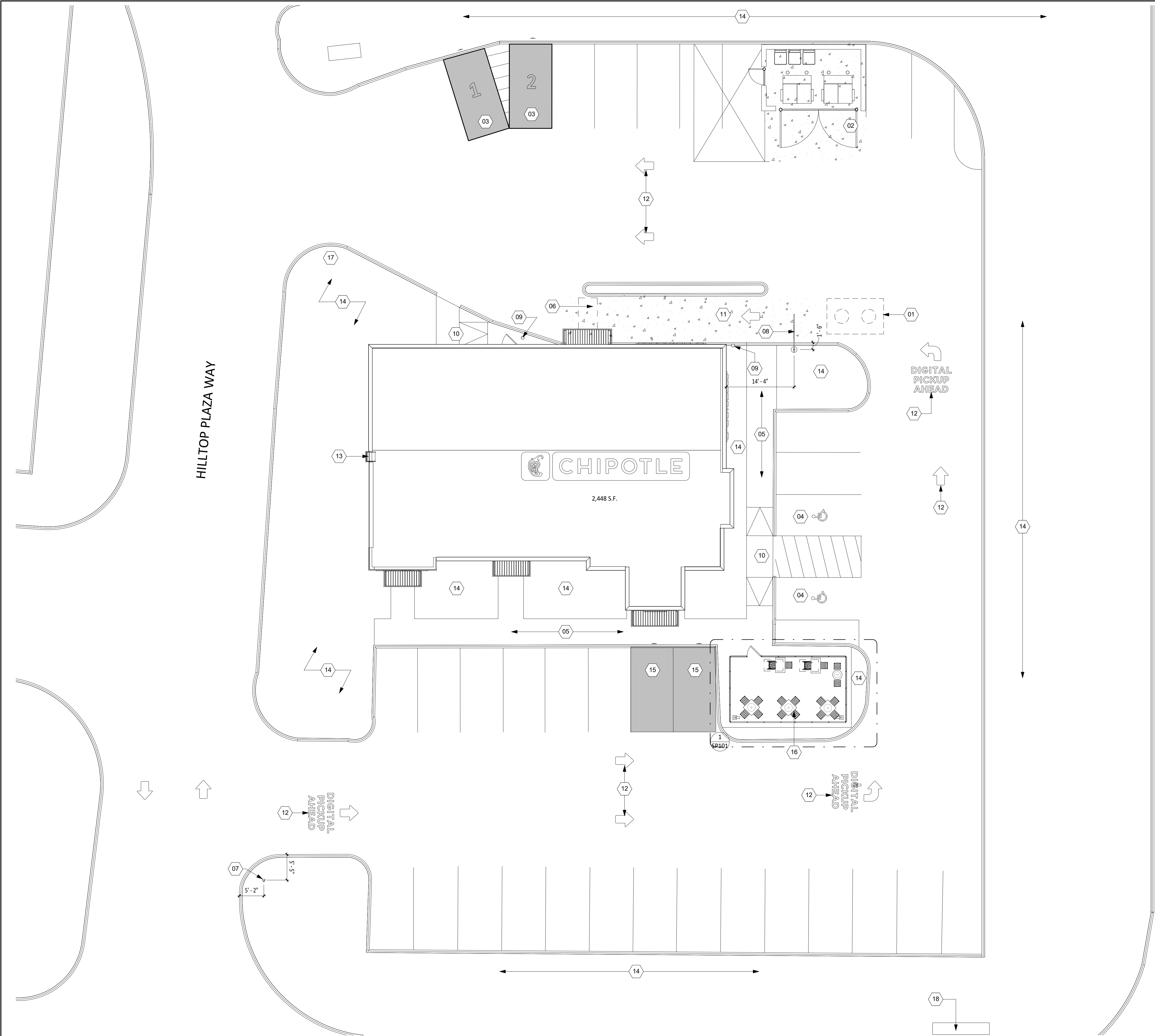
BJO MRM

Project No.
1564

Contents:

ARCHITECTURAL SPECIFICATIONS

G016



GENERAL NOTES

1. STENCILS FOR PARKING MARKINGS AVAILABLE FROM PAVEMENT STENCIL COMPANY. PHONE: (800) 250-5547. EMAIL: STENCILS@PAVEMENTSTENCIL.COM.
2. NOTE: ARCHITECTURAL SITE PLAN IS FOR REFERENCE ONLY. GC TO BUILD FROM CIVIL DRAWINGS. IF THERE IS A DISCREPANCY BETWEEN ARCHITECTURE AND CIVIL DRAWINGS, CONTACT ARCHITECT IMMEDIATELY.
3. ALL SITE WORK INCLUDING PAVING, CURBING, PARKING, PARKING LOT LIGHTING, SIDEWALKS, LANDSCAPING, AND DUMPSTER ENCLOSURE ARE EXISTING UNLESS NOTED OTHERWISE.

SHEET NOTES

- 01 GREASE INTERCEPTOR BY LANDLORD UNDER SEPARATE BUILDING PERMIT. VERIFY EXACT PLACEMENT IN FIELD.
- 02 DUMPSTER ENCLOSURE, BY LANDLORD UNDER SEPARATE BUILDING PERMIT.
- 03 TWO (2) DEDICATED PULL-IN PARKING SPACES MARKED WITH WHITE NUMBERS PARALLEL TO STRIPING AND CENTERED IN SPACE. SIGNAGE POLES CAST IN BOLLARDS BY LANDLORD UNDER SEPARATE PERMIT. SIGNAGE BY TSV. SEE SP101 FOR MORE INFORMATION.
- 04 ADA PARKING AND STRIPING BY LANDLORD UNDER SEPARATE PERMIT.
- 05 TENANT ACCESS WAY SIDEWALK BY LANDLORD UNDER SEPARATE PERMIT.
- 06 LOOP DETECTOR, LANDLORD TO PROVIDE ONE (1) 1" CONDUIT STUBBED INTO BUILDING UNDER SEPARATE PERMIT. COORDINATE WITH MANUFACTURER FOR REQUIRED LENGTH OF FEEDER CABLE. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 07 MOPUS SIGNAGE BY TENANT SIGN VENDOR UNDER SEPARATE PERMIT. LANDLORD TO PROVIDE (1) 1" CONDUIT STUBBED INTO BUILDING UNDER SEPARATE PERMIT.
- 08 CLEARANCE BAR BY TENANT SIGN VENDOR UNDER SEPARATE PERMIT. PROVIDE WITH ONE (1) 1" CONDUIT. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 09 6" BOLLARDS BY LANDLORD UNDER SEPARATE PERMIT. SEE SP101 FOR MORE INFORMATION, TYPICAL OF TWO.
- 10 ACCESSIBLE RAMPING BY LANDLORD.
- 11 CONCRETE PICKUP LANE BY LL UNDER SEPARATE BUILDING PERMIT. CONCRETE TO START MINIMUM OF 12'-0" BEFORE CENTER OF CLERANCE BAR AND EXTEND MINIMUM OF 12'-0" BEYOND CENTERLINE OF WINDOW IN DIRECTION OF TRAVEL.
- 12 PAVEMENT MARKINGS, TYP. BY LANDLORD.
- 13 ROOF ACCESS LADDER BY LANDLORD UNDER SEPARATE PERMIT.
- 14 SITE LANDSCAPE, IRRIGATION AND MAINTENANCE BY LANDLORD UNDER SEPARATE PERMIT TO THE EXTENT OUTLINED IN THE LANDLORD WORK LETTER.
- 15 TWO (2) PICK-UP PARKING SPACES MARKED. PROVIDE POST MOUNTED SIGNAGE SEE SP101 FOR MORE INFORMATION.
- 16 PATIO RAILING AND LIGHTING BY LANDLORD UNDER SEPARATE BUILDING PERMIT.
- 17 STOP SIGN BY LANDLORD UNDER SEPARATE PERMIT.
- 18 MONUMENT SIGN.



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10424 Courthouse Road
Spotsylvania, VA 22553

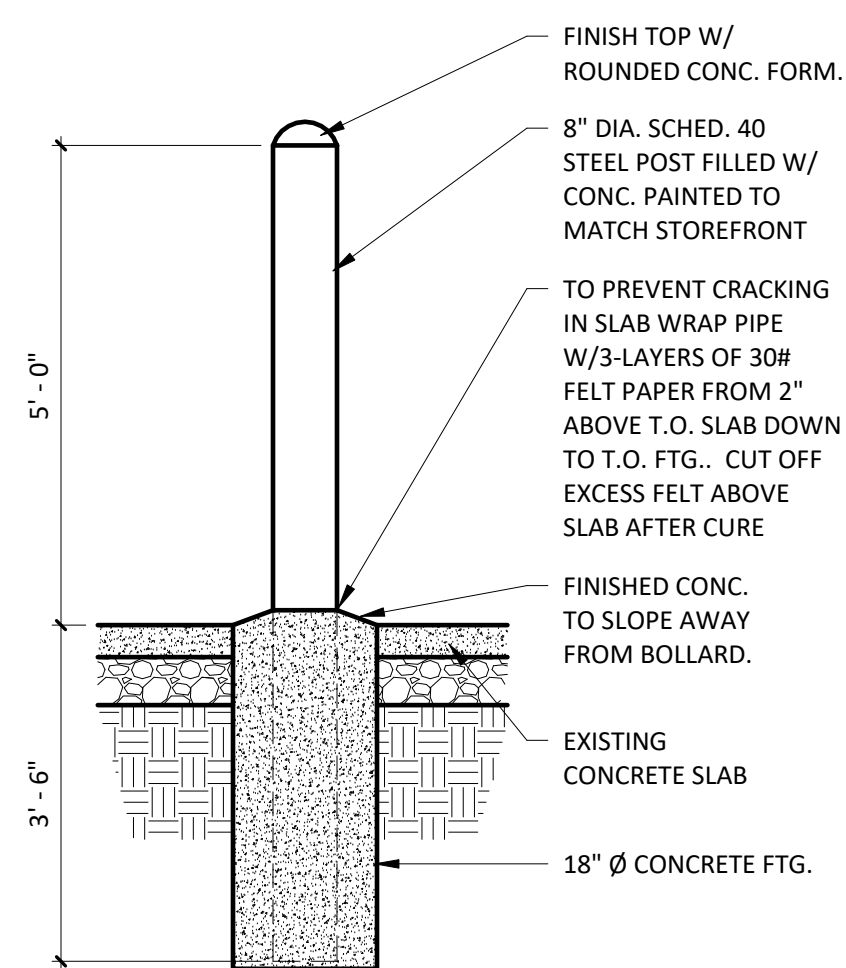
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Revisions:	

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1564

Contents:
ARCHITECTURAL SITE PLAN

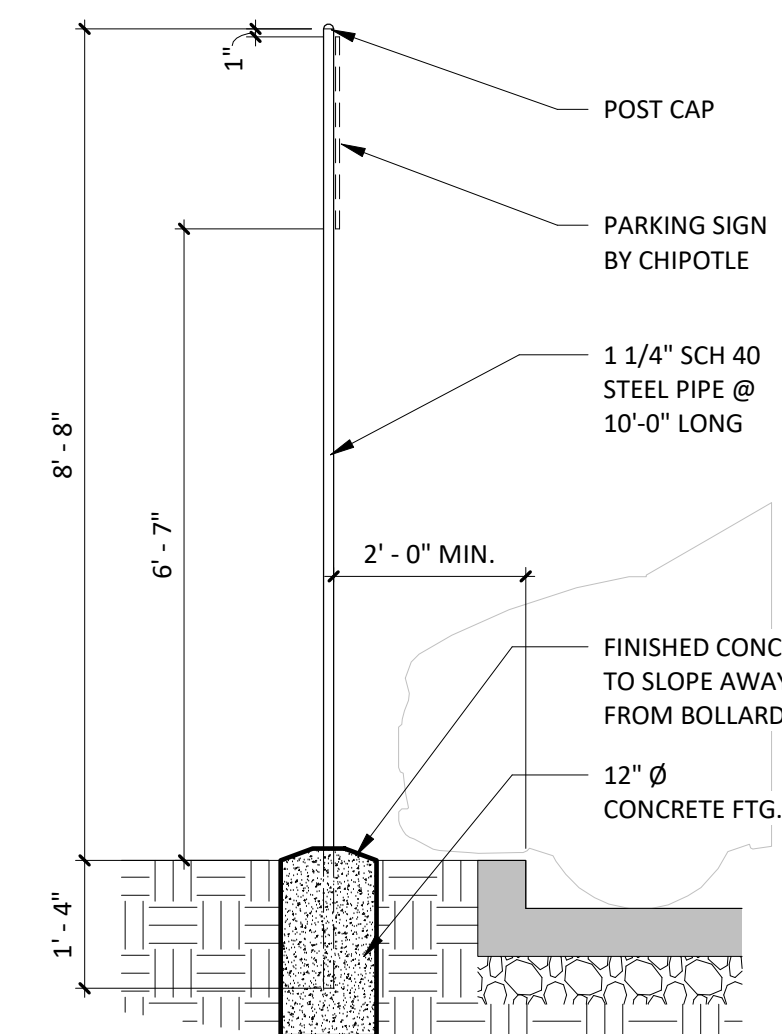
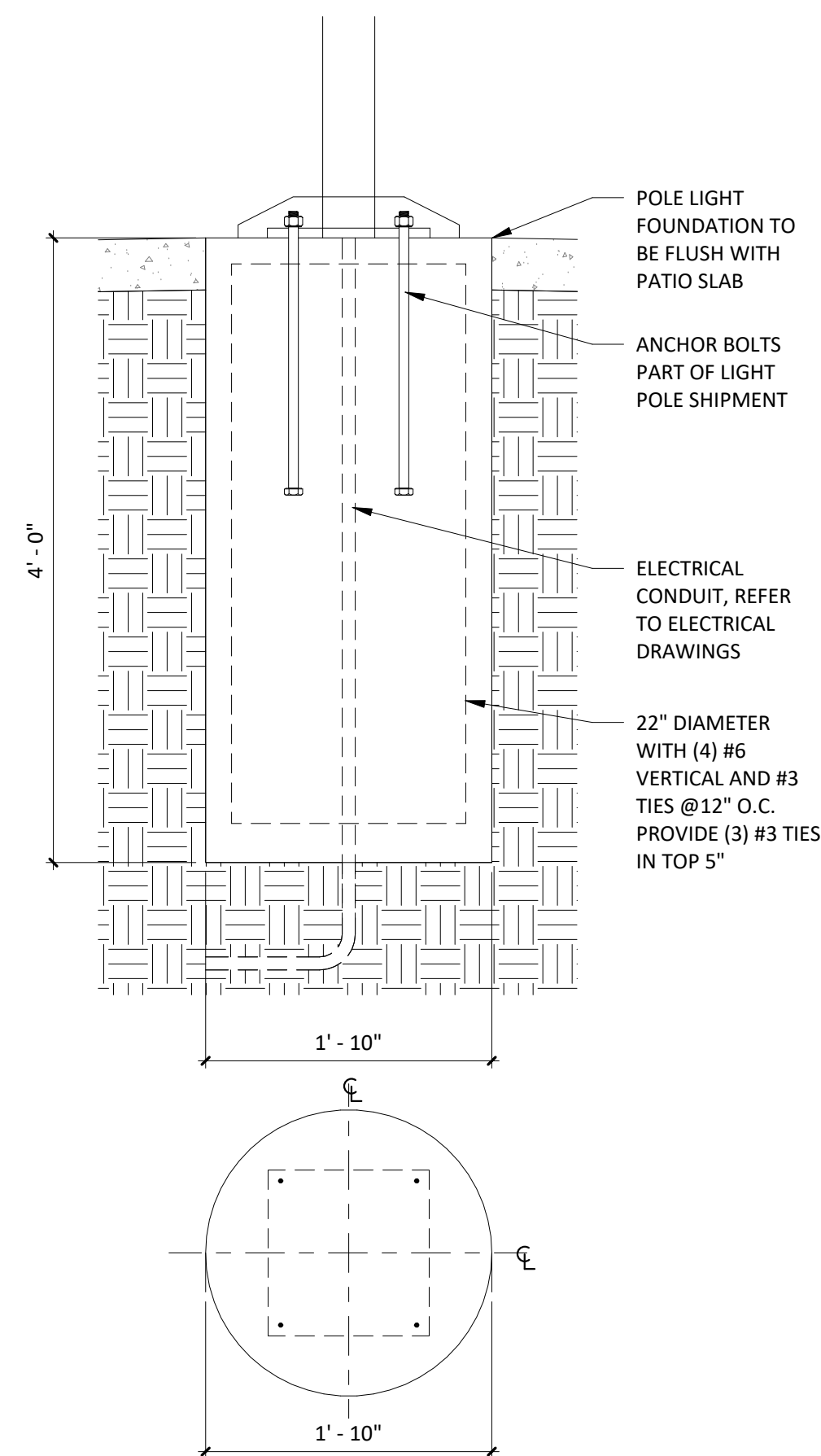


RAILING PLAN DETAIL

4
SP101

TYP. BOLLARD DETAIL

1/2" = 1'-0"

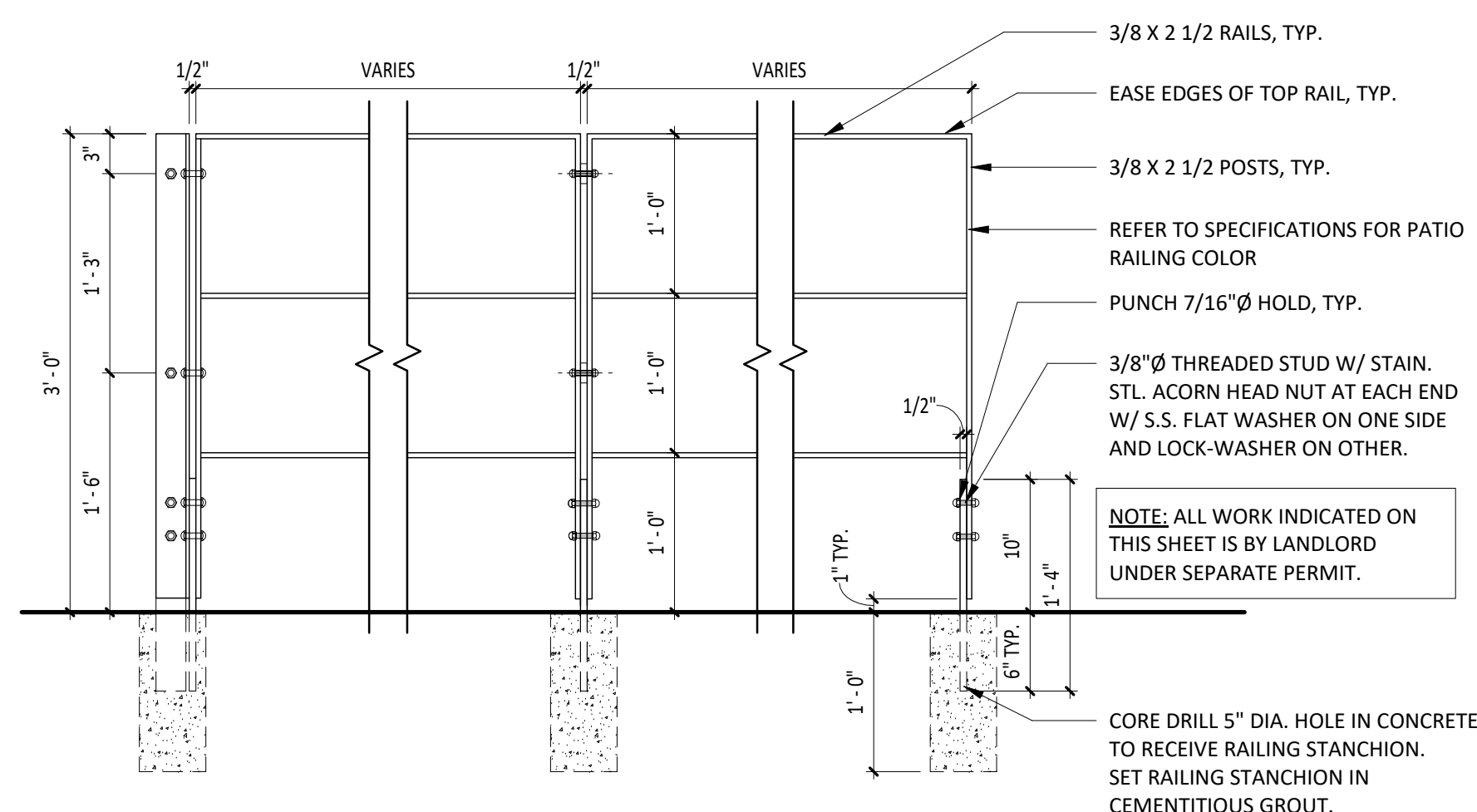


6 PATIO POLE LIGHT FOUNDATION DETAIL
SP101 1" = 1'-0"

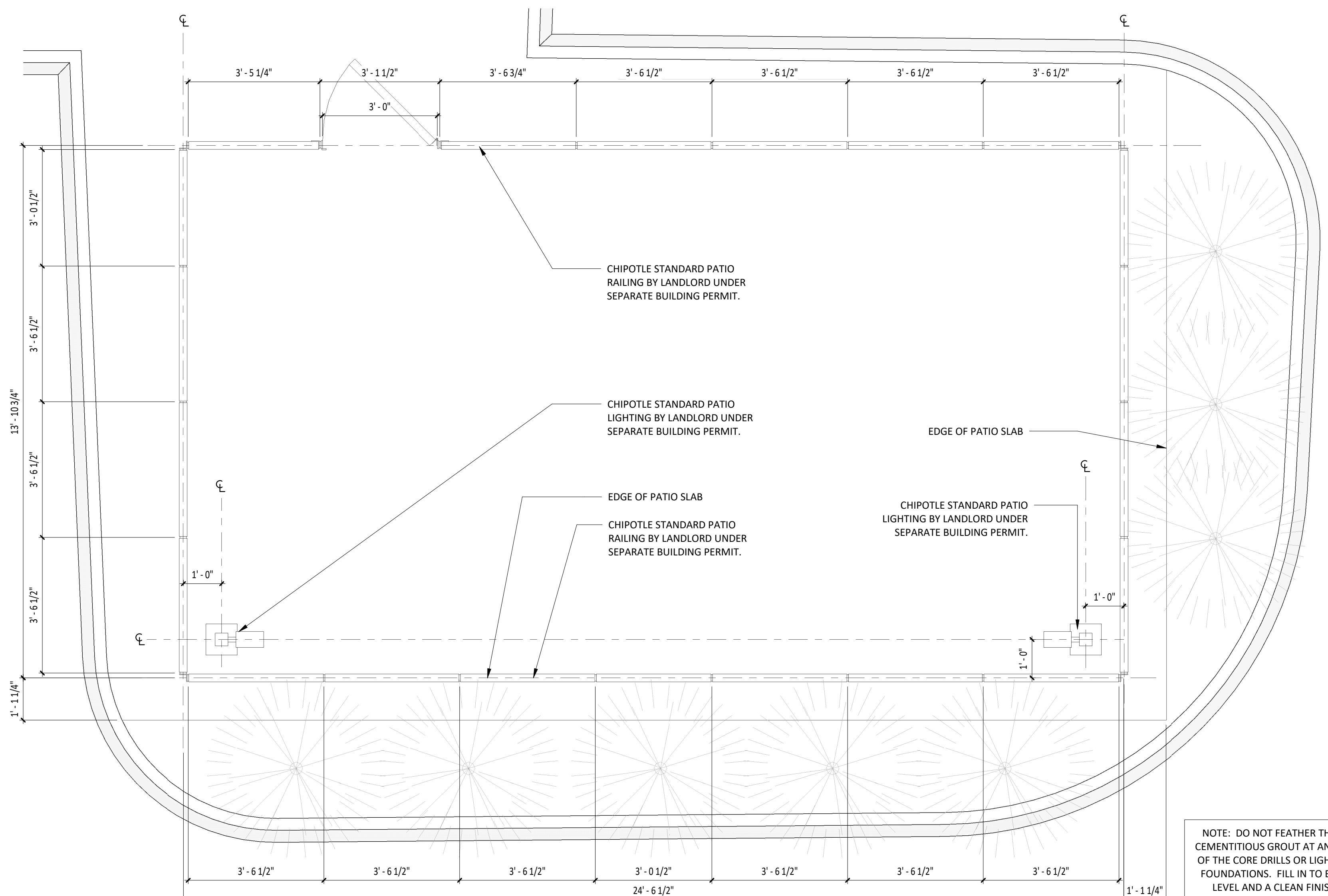
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SP101

TYP. SIGN POST DETAIL

1/2" = 1'-0"



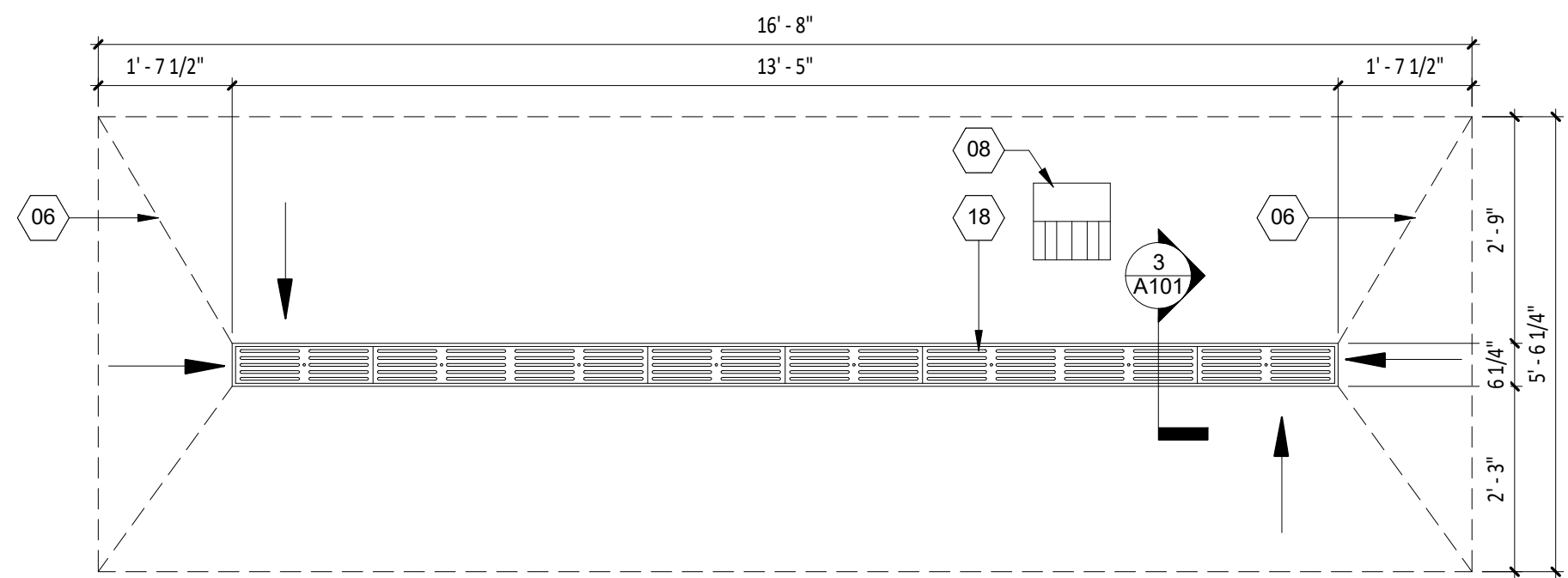
RAILING MOUNTING DETAIL



NOTE: DO NOT FEATHER THE CEMENTITIOUS GROUT AT ANY OF THE CORE DRILLS OR LIGHT FOUNDATIONS. FILL IN TO BE LEVEL AND A CLEAN FINISH

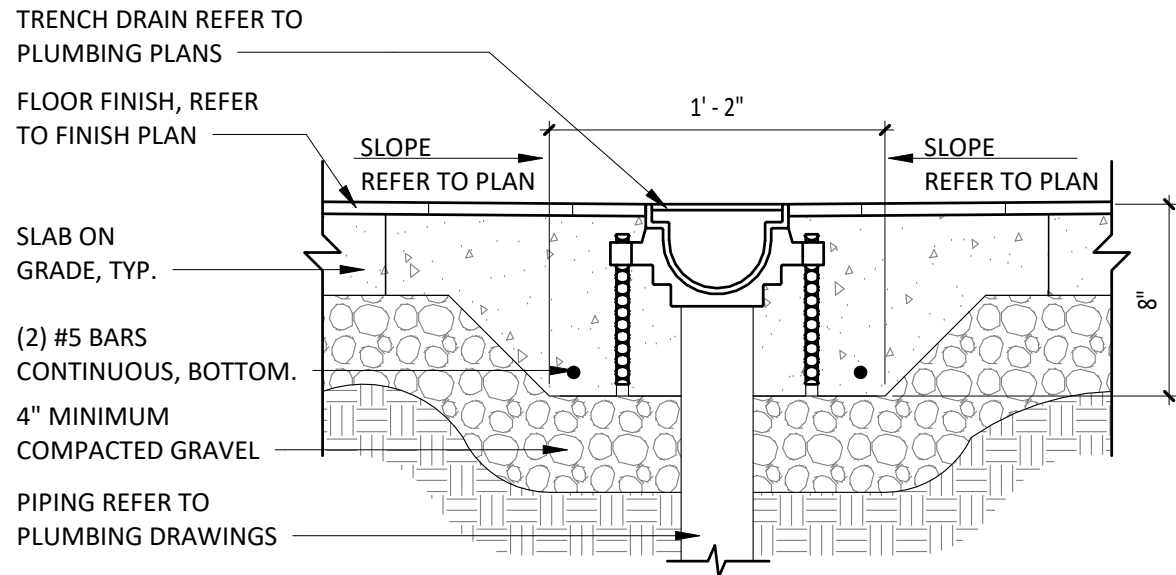
NORTH





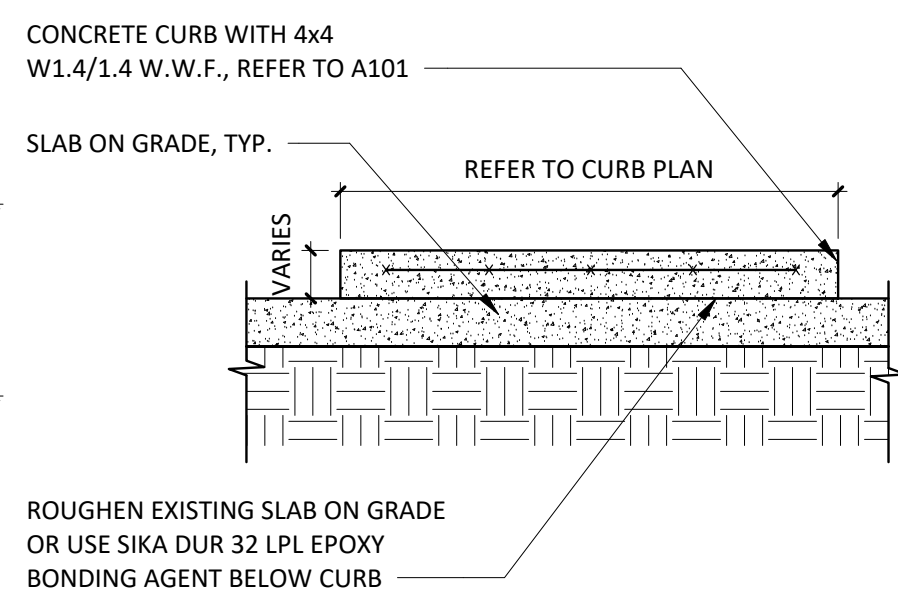
4 TRENCH DRAIN PLAN DETAIL

1/2" = 1'-0"



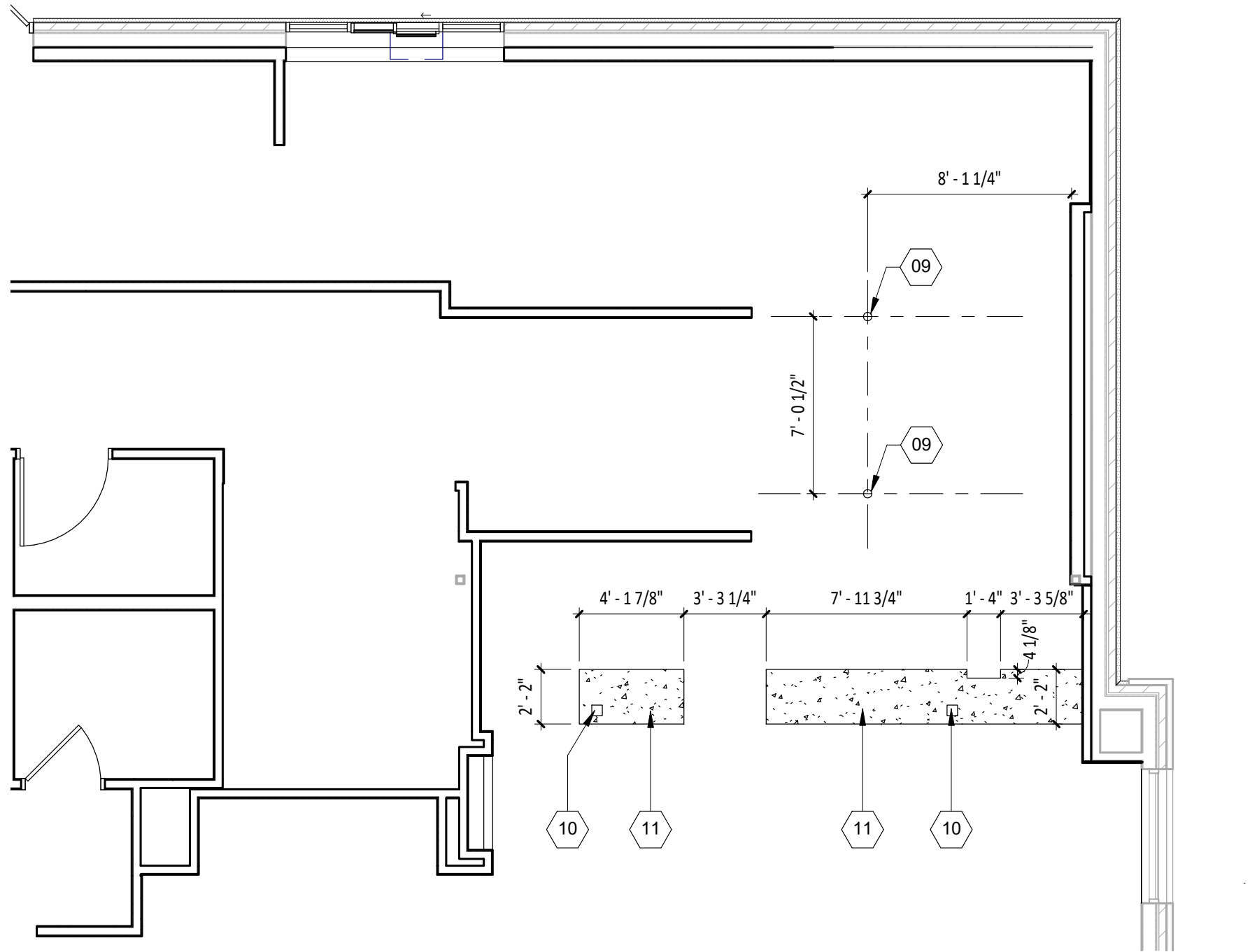
3 TRENCH DRAIN DETAIL

1 1/2" = 1'-0"



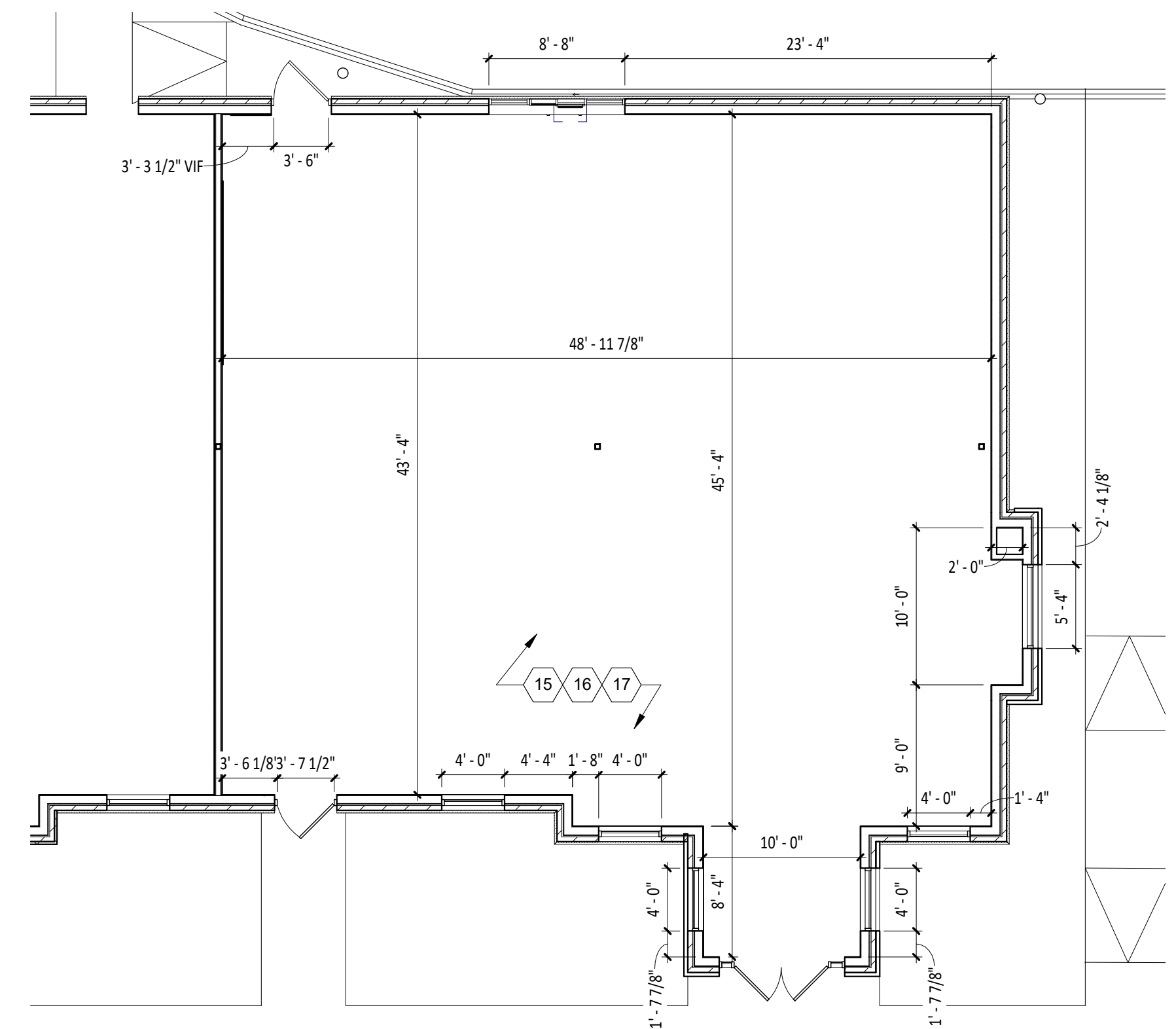
1 CONCRETE CURB DETAIL

3/4" = 1'-0"



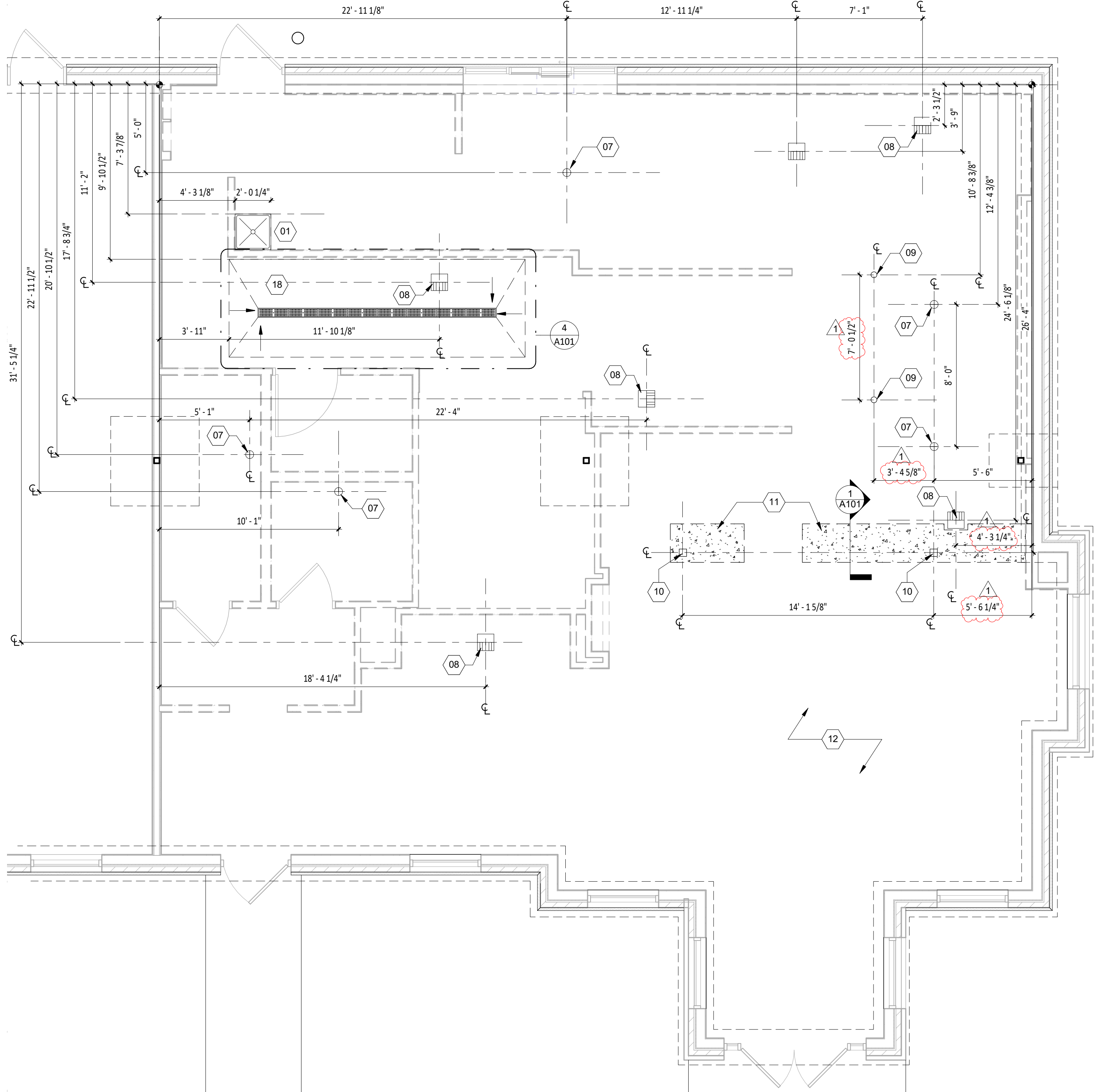
5 CURB PLAN

3/16" = 1'-0"



6 DEMISED PREMISES PLAN

1/8" = 1'-0"



2 SLAB WORK PLAN

1/4" = 1'-0"

GENERAL NOTES

1. VERIFY OVERALL INTERIOR DIMENSIONS, INTERIOR COLUMN PLACEMENTS, AND EXTERIOR WALL PENETRATIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. ALL DIMENSIONS ARE TO THE INSIDE FACE OF EXTERIOR WALLS.
3. ALL DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE UNLESS OTHERWISE NOTED.
4. GC TO REVIEW ELECTRICAL PLANS FOR LIGHTING OR POWER STUB LOCATIONS PRIOR TO POURING SLAB.
5. REFER TO "03300 - CAST-IN-PLACE CONCRETE" IN SPECIFICATIONS FOR CONCRETE PATCHING OR INSTALLATION INFORMATION.
6. VERIFY PERIMETER FOUNDATION INSULATION IS EXISTING IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. ALL TILED FLOOR TO MAINTAIN POSITIVE SLOPE TO ALL FLOOR DRAINS OF NOT GREATER THAN 2% SLOPE FOR A 4'X4' AREA U.N.O.

PLUMBING LEGEND

- FLOOR SINK FLOOR DRAIN TRENCH DRAIN

SHEET NOTES

01. OUTLINE OF MOP SINK.
06. SLOPE FLOOR IN THIS AREA ONLY TO DRAIN 2% MAX.
07. FLOOR DRAIN LOCATION TYP. COORDINATE WITH FLOOR PLAN & PLUMBING PLAN.
08. FLOOR SINK LOCATION TYP. COORDINATE WITH FLOOR PLAN & PLUMBING PLAN. COORDINATE FLOOR SINK ELEVATION WITH LOCAL JURISDICTION.
09. 4" PVC PIPE, 2" HIGH CONCRETE INFILL FOR POWER STUB, TYP. OF TWO (2). REFER TO ELECTRICAL DRAWINGS.
10. 5"X 5" POWER STUB LOCATION, COORDINATE WITH ELECTRICAL PLAN.
11. 4" CONCRETE CURB, COORDINATE EXACT LOCATION WITH FINAL EQUIPMENT LOCATION.
12. EXISTING SLAB TO BE TRENCHED AS NEEDED PER PLUMBING AND ARCHITECTURAL PLANS.
15. GC SHALL TAKE DIGITAL PHOTOS OF THE INTERIOR PERIMETER OF THE DEMISED SPACE, PRIOR TO THE START OF CONSTRUCTION AND SEND TO THE ARCHITECT FOR REVIEW. ANY STRUCTURE, PIPING, CONDUIT ETC. THAT MAY IMPACT CONSTRUCTION OF THE SPACE OR BE UNSIGHTLY IF EXPOSED IS OF PARTICULAR INTEREST.
16. G.C. SHALL MAKE SURE THAT ALL EXTERIOR WALLS HAVE STUDS AND INSULATION AND THAT THE DEMISING WALL HAS STUDS, INSULATION, AND GYP. BD. DEMISED PREMISE TO MEET WORK LETTER REQUIREMENTS. NOTIFY ARCHITECT IMMEDIATELY IF SPACE VARIES FROM WORK LETTER OR IF G.C. REQUIRES COPY OF WORK LETTER.
17. G.C. SHALL IMMEDIATELY FIELD MEASURE TENANT SPACE @ THE START OF CONSTRUCTION TO CONFIRM OVERALL DIMENSIONS MATCH THIS PLAN. NOTIFY THE ARCHITECT IMMEDIATELY IF DIFFERENT..
18. TRENCH DRAIN TO BE RECESSED IN MIN 8" THICK CONCRETE SLAB WITH 4" MIN CONCRETE BED BELOW DRAIN, REFER TO THIS SHEET AND MANUFACTURER INSTALLATION INSTRUCTIONS.

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Contents:

SLAB WORK PLAN

A101

GENERAL NOTES

- ALL DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF STRUCTURE UNLESS NOTED OTHERWISE.
- DASHED CIRCLE IN RESTROOM INDICATES 5'-0" TURNING DIAMETER REQUIRED BY ADA.
- REFER TO WALL FINISH SCHEDULE ON A120.
- STUD SIZES AS INDICATED ON PLAN.
- INTERIOR DOORS ARE 4" OFF OF PERPENDICULAR WALL U.N.O.
- IN SITUATIONS WHERE TENANT'S G.C. IS TO PROVIDE TYPE 'X' GYP. BD. FOR A RATED ASSEMBLY, THE TYPE 'X' GYP. BD. IS REQUIRED TO GO BENEATH THE SHEATHING AND FINISHES.
- SEE SHEET AB01 FOR ADDITIONAL SHEATHING BEHIND CERTAIN WALL FINISHES.
- SEE A601 FOR DOOR TYPES.
- TENANT'S G.C. TO PERFORM LAYOUT OF ENTIRE SPACE PRIOR TO STARTING FRAMING AND REPORT ANY DESCREPARNCIES IN NOTED DIMENSIONS TO ARCHITECT AND CHIPOTLE MEXICAN GRILL'S CM PRIOR TO PROCEEDING. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT CONTRACTOR'S COST.
- SEE A501 FOR WALL TYPES.
- PROVIDE DEFLECTION TRACKS AT WALLS WHICH GO TO THE UNDERSIDE OF THE DECKING, REFER TO DETAIL 2/A501
- PROVIDE DEFLECTION TRACKS AT WALLS WHICH GO TO THE UNDERSIDE OF THE DECKING, REFER TO DETAIL 2/A501.
- PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
- DENSSHIELD TILE BACKER BOARD SHALL NOT BE INSTALLED OVER VAPOR BARRIERS AT EXTERIOR WALLS.
- MOISTURE RESISTANT GYP. BD. SHALL BE USED IN RESTROOMS.
- ALL DIMENSIONS TO EXTERIOR OR EXISTING WALLS ARE TO THE FINISH FACE OF EXISTING GYP. BD. ALL DIMENSIONS TAKEN FROM TARGET POINT U.N.O.

SHEET NOTES

1. PROVIDE BLOCKING IN WALL FOR ARTWORK.
2. LOW WALL FOR MOPUS ABOVE. REFER TO A502, A701, AND A702.
3. 4" CONCRETE CURB, COORDINATE EXACT LOCATION WITH FINAL EQUIPMENT LOCATION.
4. UTENSIL COUNTER BY MILLWORK SUPPLIER, PROVIDE 18" HIGH BAND OF CONCEALED BLOCKING AND REFER TO A701.
5. EXTEND WALL W26a MIN. 18" BEYOND EDGE OF HOOD IN ALL DIRECTIONS.
6. HOLD SHEATHING TIGHT TO COLUMN FACE.
7. ALIGN WITH COOLER
8. 4" PVC PIPE STUBBED ABOVE CEILING FOR SODA BUNDLE, TYP. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
9. SOFFIT WALL TO DECK ABOVE, REFER TO A201.
10. SOFFIT WALL ABOVE, REFER TO A201.
11. PROVIDE BLOCKING IN WALL FOR EQUIPMENT. SEE A130-A132 FOR MORE INFO.
13. EDGE OF CEILING ABOVE.

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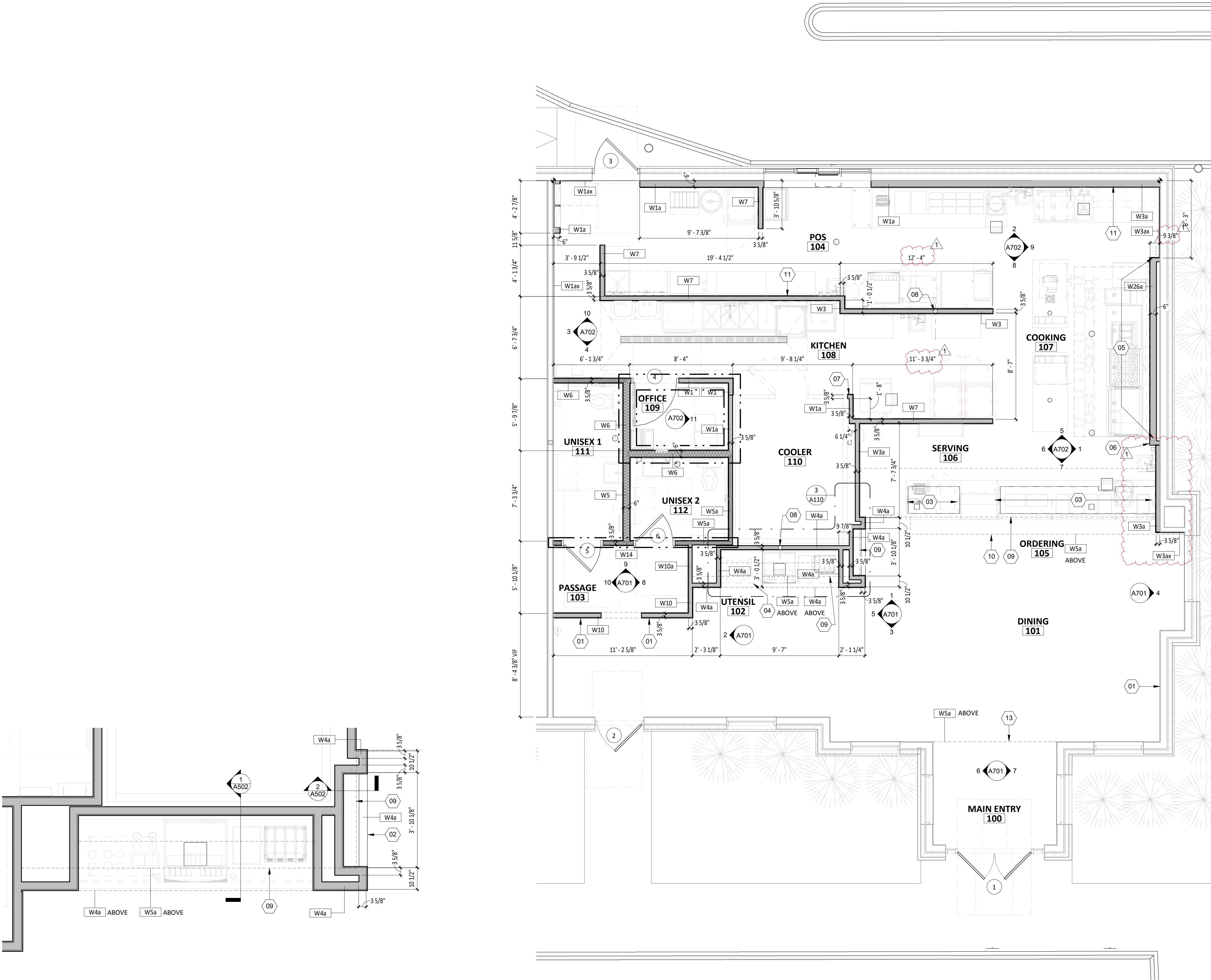
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1564

Contents:

ARCHITECTURAL
FLOOR PLAN

A110



3
A110
ARCHITECTURAL FLOOR PLAN
1/2" = 1'-0"

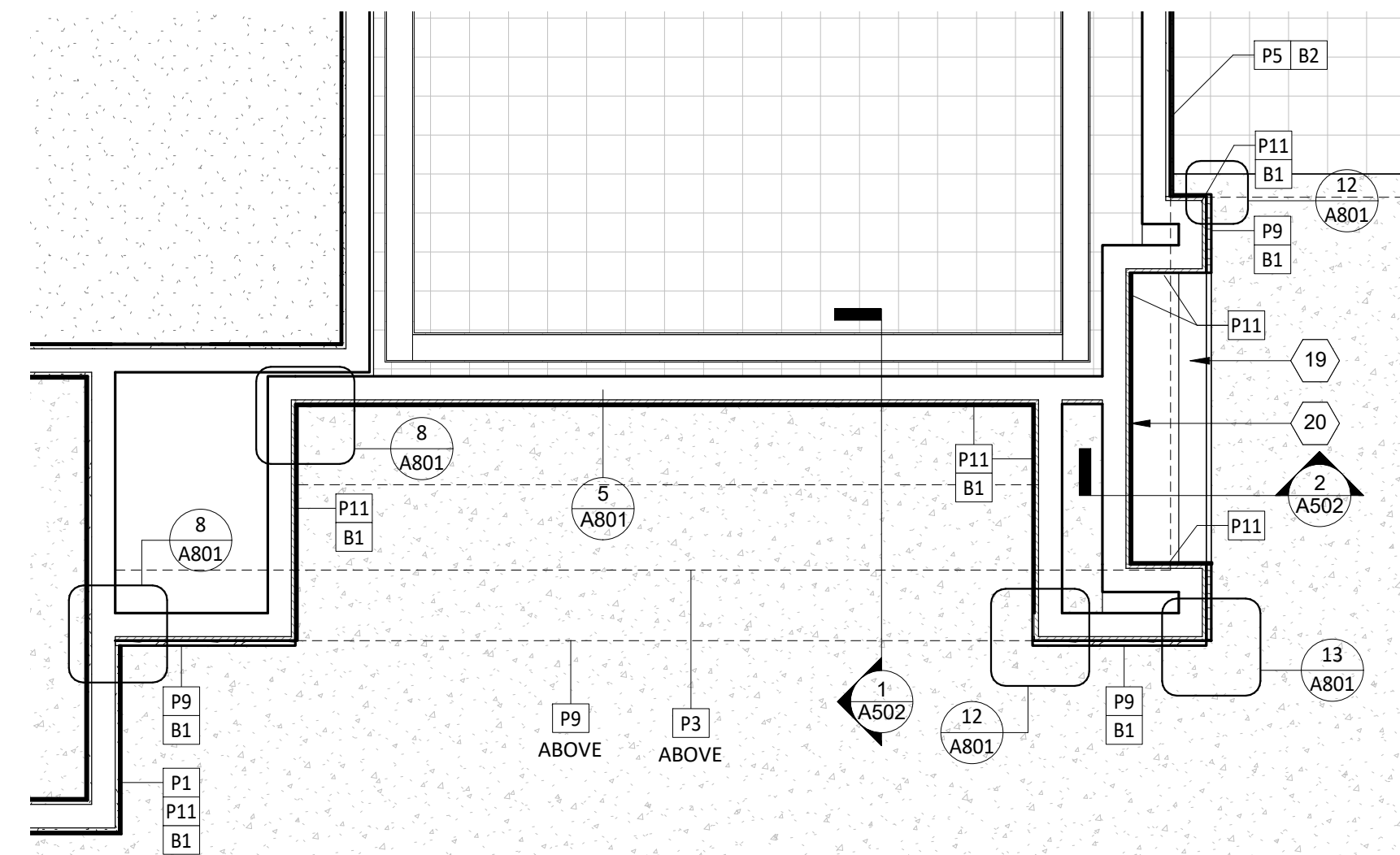
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A110
ARCHITECTURAL FLOOR PLAN
1/4" = 1'-0"

WALL TYPE LEGEND

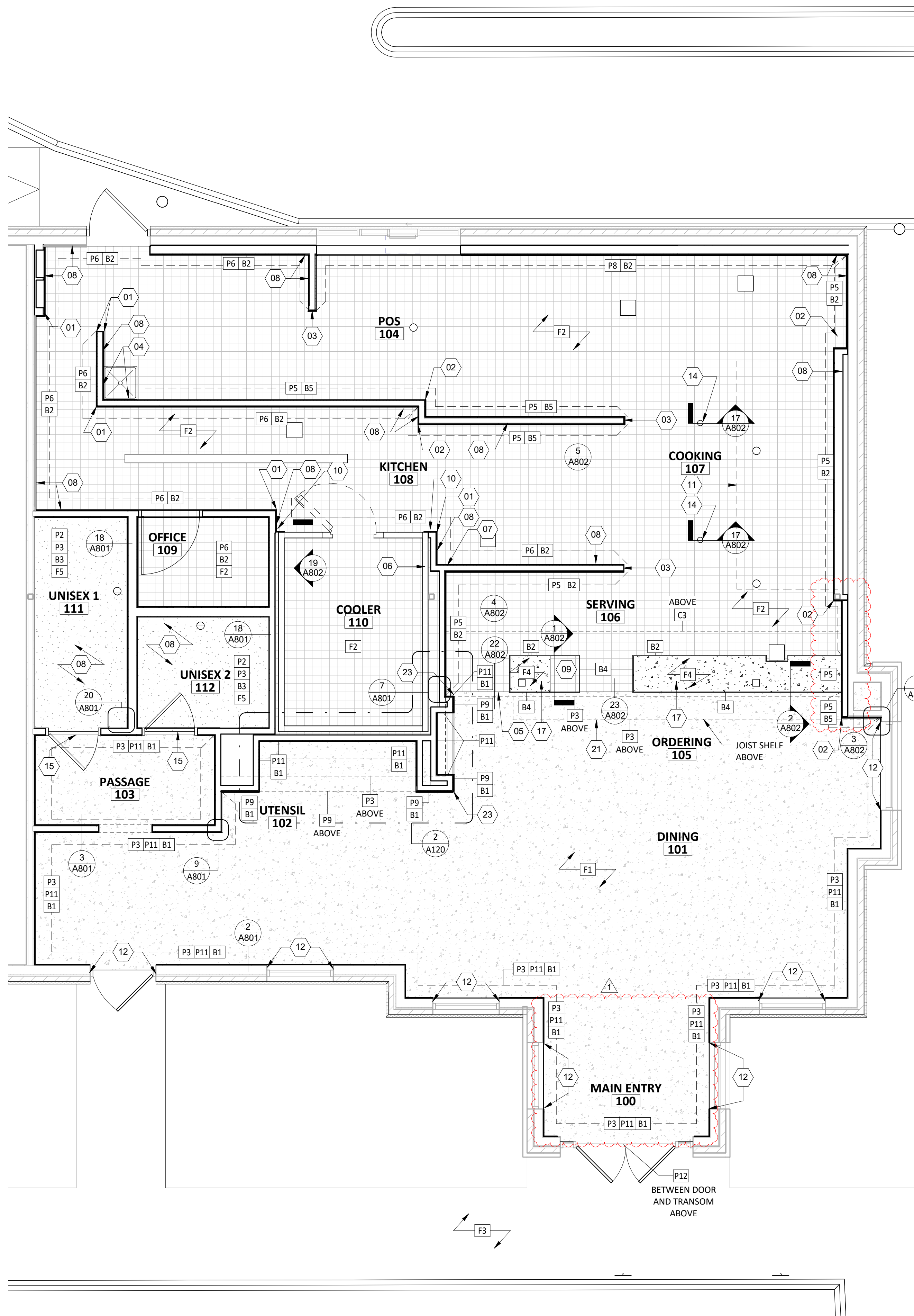
INTERIOR WALL CONSTRUCTION	—————
EXTERIOR WALL CONSTRUCTION	—————
INTERIOR WALL CONSTRUCTION WITH SOUND BATT INSULATION	—————
WALK-IN COOLER	—————
DESIGNATES WALLS & SHEATHING TO EXTEND TO DECK	—————

FLOOR FINISHES		WALL BASE FINISHES		WALL FINISHES		CEILING/DECK FINISHES	
LGD. #		LGD. #		LGD. #		LGD. #	
F1	POLISHED CONCRETE	B1	BLACK RUBBER, COVELESS	P1	PLYWOOD, VERTICAL GRAIN	C1	OPEN TO STRUCTURE, UNPAINTED
F2	QUARRY TILE	B2	QUARRY TILE, COVE	P2	FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)	C2	STONEWOOD
F3	EXTERIOR CONCRETE	B3	BLACK RUBBER, COVE	P3	GYP BD; PAINT "THIN ICE", EGGSHELL REFER TO A701 & A710	C3	GYP BD; PAINT "MOONLIT SNOW"
F4	SEALED CONCRETE	B4	QUARRY TILE, COVELESS	P4	NOT USED	C4	2X4 VINYL-FACED LAY-IN
F5	RESINOUS FLOORING	B5	CERAMIC TILE	P5	CERAMIC TILE - WHITE		
				P6	FIBERGLASS REINFORCED PANELS (PEBBLED FINISH)		
				P7	NOT USED	LGD. #	
				P8	CERAMIC TILE - BRONZE ACCENT 3" x 12"	D1	PAINT "BLACK"
				P9	SPALTED MAPLE WALL PANEL, HORIZONTAL GRAIN	D2	PAINT "KNIGHT'S ARMOR"
				P10	STOREFRONT (BY LANDLORD)		
				P11	STONEWOOD WALL PANEL		
				P12	PREFINISHED BRAKE METAL (BY LANDLORD)		

ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
100	MAIN ENTRY	F1	B1	REFER TO PLAN FOR WALL FINISHES	C1	STR	SEE SHEET A701 AND SPECIFICATION SHEETS
101	DINING	F1	B1		C1	STR	SEE SHEET A701 AND SPECIFICATION SHEETS
102	UTENSIL	F1	B1		C2	±8'-1 3/4" / ±9'-1 3/4"	SEE SHEET A701 AND SPECIFICATION SHEETS
103	PASSAGE	F1	B1		C3	10'-0"	SEE SHEET A701 AND SPECIFICATION SHEETS
104	POS	F2	B2/B4		C3/C4	±9'-4"	SEE SHEET A702 AND SPECIFICATION SHEETS
105	ORDERING	F1	B1/B4/B5		C1/C3	STR / ±9'-4"	SEE SHEET A701 AND SPECIFICATION SHEETS
106	SERVING	F2	B2		C3	±9'-4"	SEE SHEET A702 AND SPECIFICATION SHEETS
107	COOKING	F2	B2		C3/C4	±9'-4"	SEE SHEET A702 AND SPECIFICATION SHEETS
108	KITCHEN	F2	B2		C4	±10'-0"	SEE SHEET A702 AND SPECIFICATION SHEETS
109	OFFICE	F2	B2		C4	9'-0"	SEE SHEET A702 AND SPECIFICATION SHEETS
110	COOLER	F2	B2		STR	STR	CEILING HEIGHT a& FINISHES PER MANUFACTURER
111	UNIX5 1	F5	B3		C3	8'-0"	SEE SHEET A710 AND SPECIFICATION SHEETS
112	UNIX5 2	F5	B3		C3	8'-0"	SEE SHEET A710 AND SPECIFICATION SHEETS
113	PATIO	F3	-	-	-	-	



ARCHITECTURAL FLOOR PLAN



FINISH PLAN
1/4" = 1'-0"

1.	STONEWOOD WALL PANELS AND WAINSCOT PROVIDED BY TMS, INSTALL BY GC.
2.	SPALTED MAPLE PANELS PROVIDED BY TMS, INSTALLED BY GC.
3.	GC IS RESPONSIBLE FOR SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES).

- 1 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.
- 02 SCHLUTER-QUADEK METAL CORNER, REFER TO A802.
- 03 ALUMINUM ENDCAP, REFER TO A802. ALUMINUM ENDCAP AT WINDOWS TO BE FULL DEPTH AT SILL, JAMB AND HEAD.
- 04 PROVIDE STAINLESS STEEL ON WALL TO 24" ABOVE TOP OF MOP SINK. FLASH BOTTOM EDGE OVER MOP SINK RIM. BEND STAINLESS STEEL AT INSIDE CORNER SO THERE IS NO JOINT, REFER TO A801.
- 05 EXTENT OF QUARRY TILE FROM KITCHEN, ALIGN TILE WITH EDGE OF DOOR THRESHOLD.
- 06 COOLER WALL PANELS AS PROVIDED BY THE COOLER MANUFACTURER HAVE A 26-GAUGE COATED AND EMBOSSED STEEL FINISH.
- 07 G.C. TO PROVIDE 18 GAUGE STAINLESS STEEL SHROUD AROUND EXPOSED LINES AT THE ICE MAKER.
- 08 PROVIDE WATER PROOFING MEMBRANE, REFER TO A801. PROVIDE ON INTERIOR OF ALL RESTROOM & KITCHEN WALLS.
- 09 PROVIDE QUARRY TILE ON TOP OF CURB FOR SMART SAFE. PROVIDE BULLNOSE TILE TO LAP OVER TOP CUT EDGE OF THE SAFE TILE, REFER TO SHEET A802.
- 10 EXTEND ADJACENT WALL SHEATHING 6" INTO COOLER CAVITY. PROVIDE 18 GAUGE STAINLESS STEEL CLOSURE AT SPACE BETWEEN COOLER PANEL AND ADJACENT WALL.
- 11 OUTLINE OF HOOD ABOVE.
- 12 EXTEND STONEWOOD WAINSCOTING INTO WALL OPENING, TERMINATING AT STOREFRONT MULLION. REFER TO A801 FOR MORE INFORMATION.
- 14 4" PVC PIPE, WITH 2" HIGH CONCRETE INFILL FOR POWER STUB, TYP. OF TWO (2) IN TOTAL. REFER TO ELECTRICAL DRAWINGS.
- 15 EXTENT OF RESINOUS FLOORING FROM RESTROOM. CENTER ON DOOR WHEN IN LINED POSITION.
- 20 CONCRETE CURB FOR EQUIPMENT, WITH QUARRY TILE BASE AT EXPOSED EDGES.
- 29 LOW WALL, SEE A802 FOR SECTION.
- 30 PROVIDE SLACKING TO FULL HEIGHT OF OPENING ON BOTH ENDS AND WALLS AS SHOWN.
- 21 SOFIT ABOVE. SEE REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR MORE INFORMATION.
- 23 OUTSIDE CORNER GUARD BY TMS, REFER TO 13/A801.

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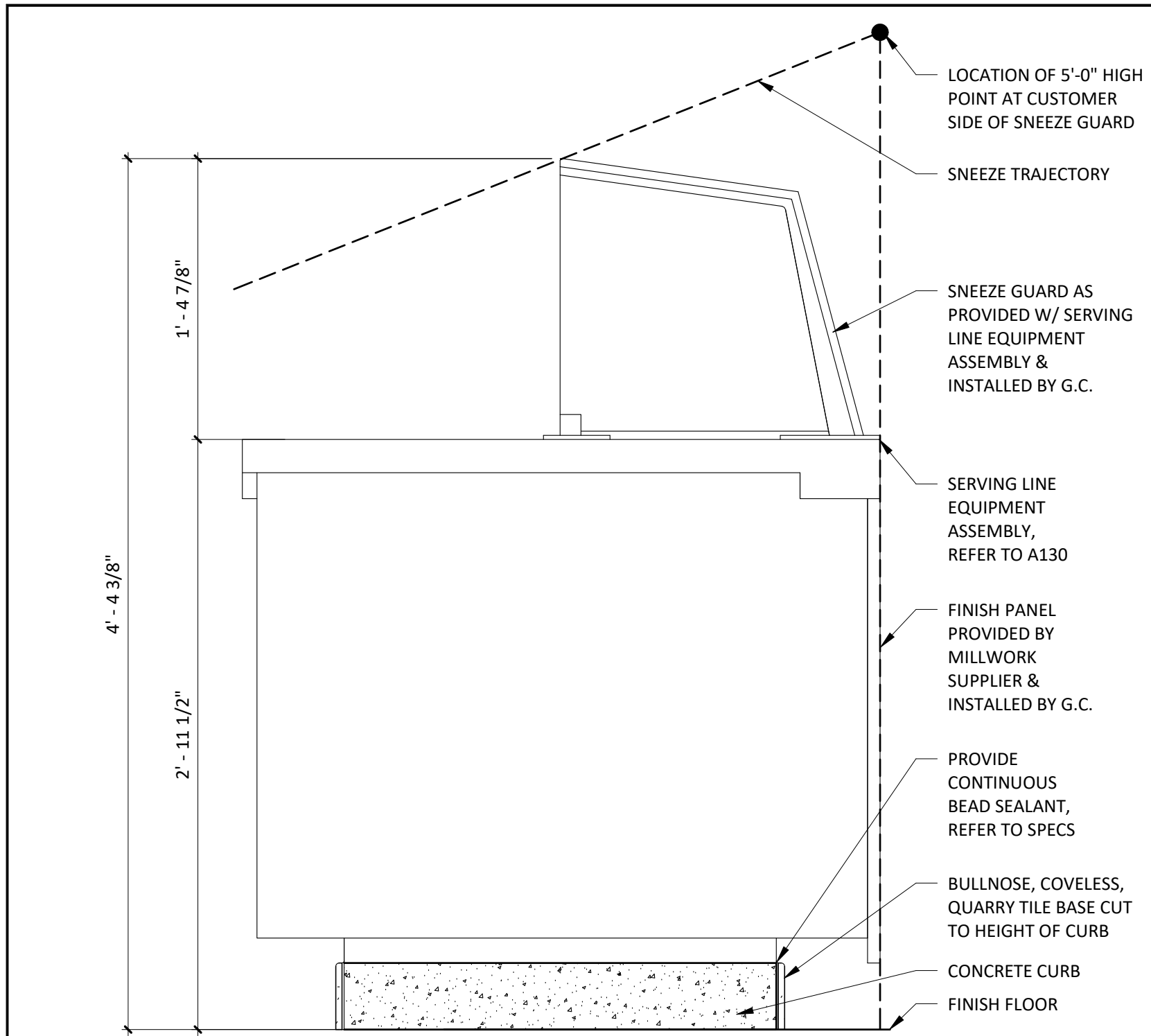
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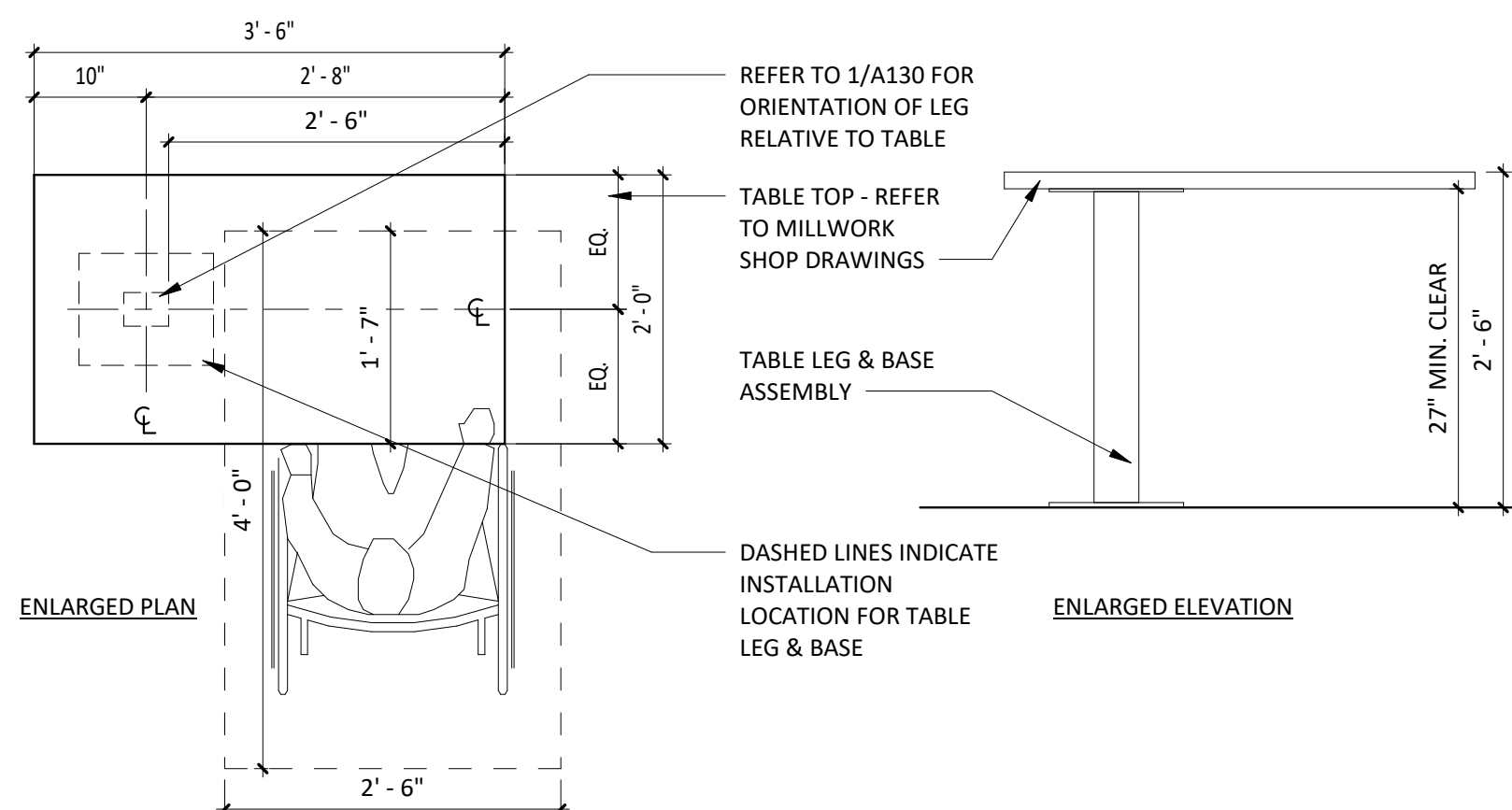
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FINISH PLAN

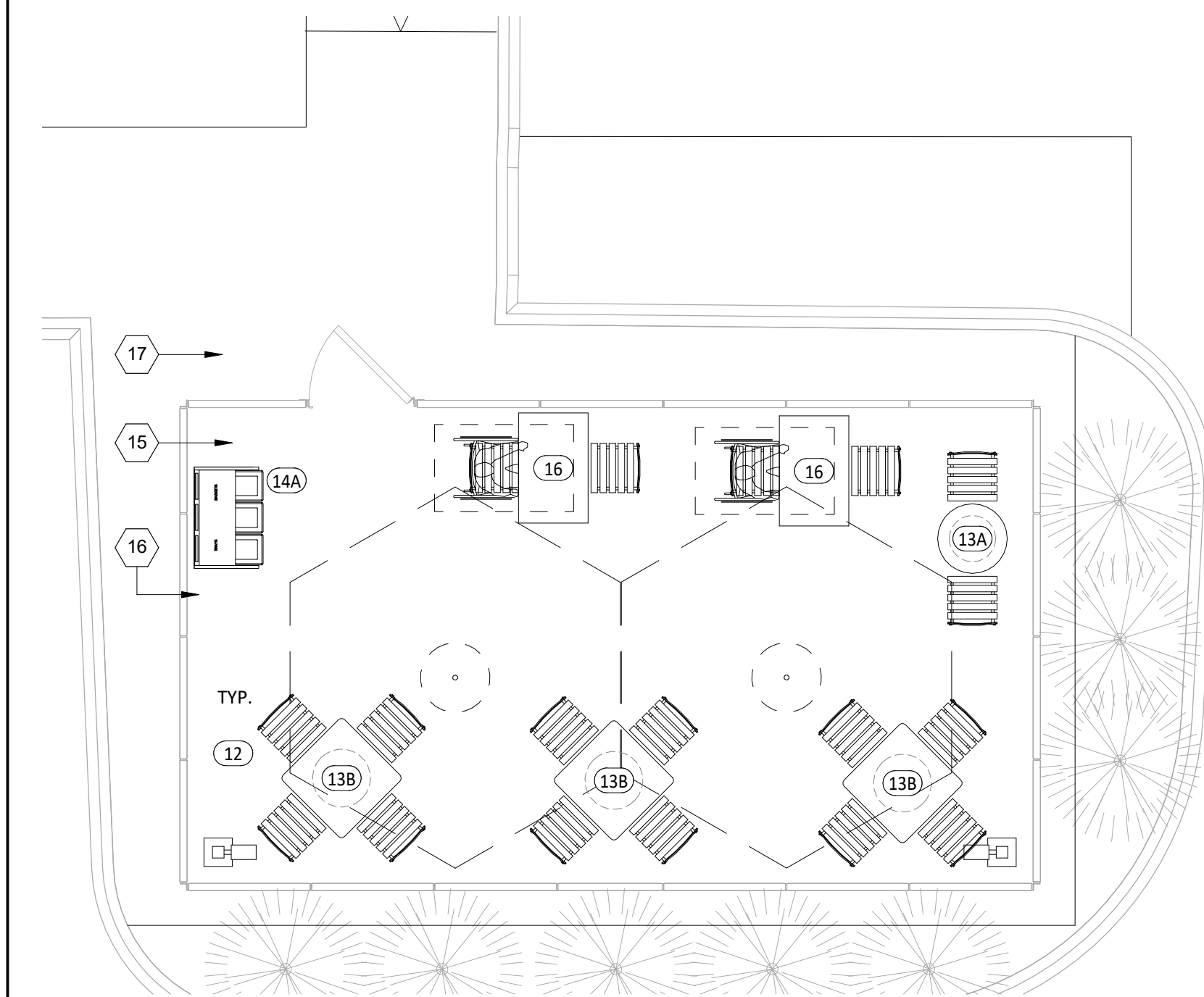
A120



4
A130
DETAIL @ SERVE LINE SNEEZE GUARD
1 1/2" = 1'-0"

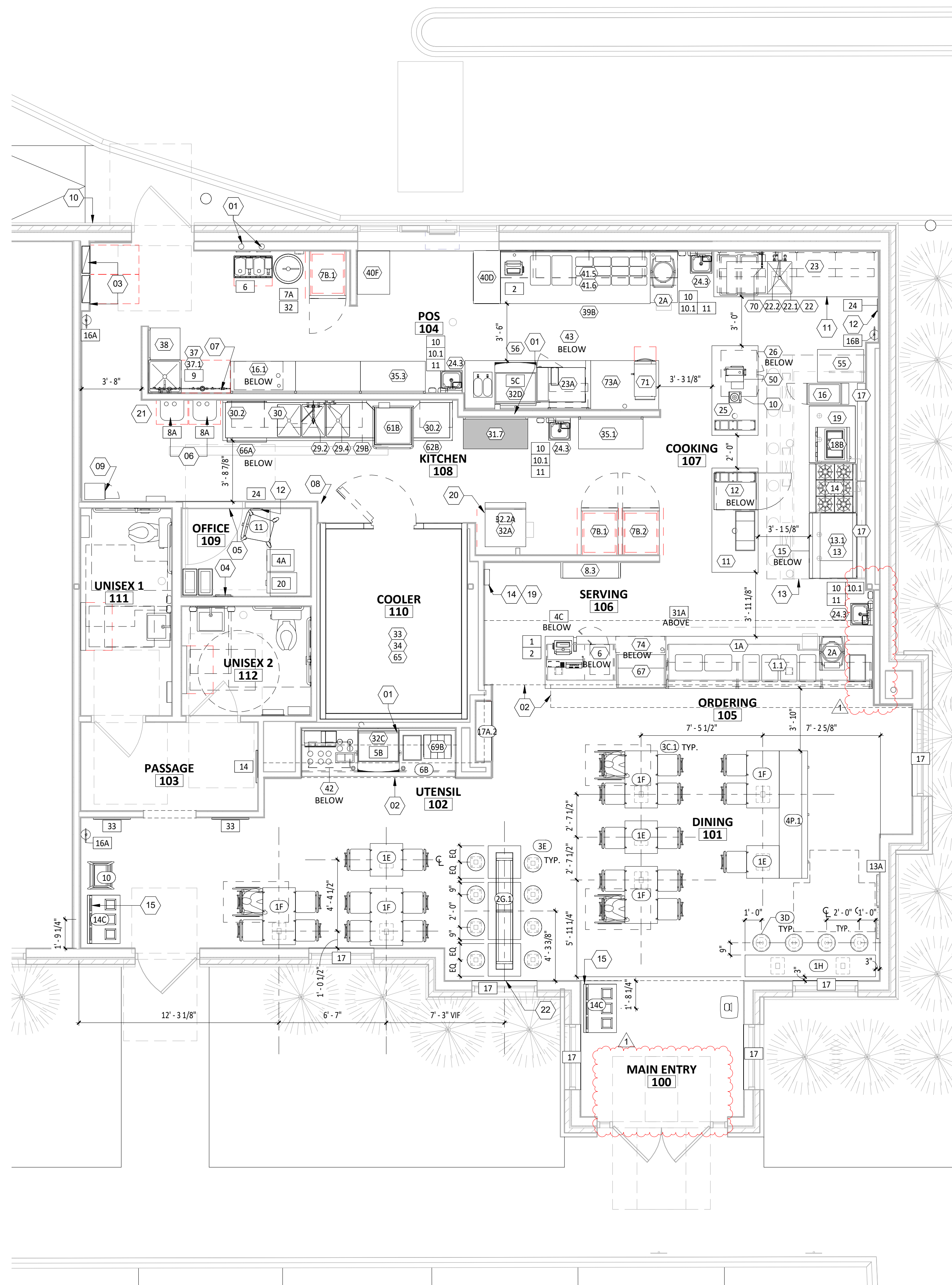


3
A130
DETAIL @ ACCESSIBLE TABLE
3/4" = 1'-0"



2
A130
PATIO PLAN
1/4" = 1'-0"

1
A130
FURNITURE, FIXTURE & EQUIPMENT PLAN
1/4" = 1'-0"



GENERAL NOTES

1. REFER TO SHEETS A131 AND A132 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
2. ALL DIMENSIONS ARE TO FACE OF FRAMING, EDGE OF EQUIPMENT OR CENTERLINE OF EQUIPMENT UNLESS NOTED OTHERWISE.
3. ALL FURNITURE TO BE SQUARE/PARALLEL TO TENANT SPACE/WALLS AS SHOWN ON PLANS

SHEET NOTES

- 01 4" PVC PIPE STUBBED ABOVE CEILING FOR SODA BUNDLE, TYP. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
- 02 SOFFIT ABOVE. SEE REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR MORE INFORMATION.
- 03 ELECTRICAL PANEL LOCATION, SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 04 BYPASS DISTRIBUTION PANEL. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 05 TELEPHONE BOARD ABOVE DOOR. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 06 TANKLESS WATER HEATERS, WALL MOUNTED. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
- 07 WATER FILTER INSTALLED BELOW CEILING. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
- 08 FIRST AID KIT. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
- 09 EMPLOYEE LOCKERS, REMOVE LEGS AND BOLT TO WALL ABOVE WALL BASE.
- 10 CO2 REMOTE FILLER LOCATION. COORDINATE EXACT LOCATION WITH CHIPOTLE CONSTRUCTION MANAGER. REMOTE FILLER TO BE LOCATED 2'-0" MINIMUM FROM ALL OPERABLE PENETRATIONS.
- 11 PREP SINK, TYP.
- 12 IPAD STATION. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 13 HOOD ABOVE.
- 14 REMOTE MANUAL PULL STATION WITH WIRE GUARD FOR HOOD ANSUL SYSTEM ABOVE. SEE MECHANICAL & ELECTRICAL DRAWINGS FOR MORE INFORMATION. MAINTAIN 10'-0" MINIMUM SEPARATION FROM KITCHEN HOOD.
- 15 HOLD TRASH SURROUND 2" OFF ADJACENT WALL, TYP.
- 16 PATIO RAILING BY LANDLORD UNDER SEPARATE BUILDING PERMIT; SEE SHEET SP101 FOR MORE INFORMATION
- 17 PATIO POLE LIGHT BY LANDLORD UNDER SEPARATE BUILDING PERMIT, TYP. SEE A201 AND ELECTRICAL DRAWINGS.
- 19 TIMECLOCK. CONFIRM FINAL LOCATION WITH CHIPOTLE DM.
- 20 MAINTAIN 6" CLEARANCE AROUND ICE MACHINE FOR MAINTENANCE.
- 21 WATER SOFTENER INSTALLED ON RAISED CURB BELOW TANKLESS HOT WATER HEATERS. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
- 22 CENTER TABLE ON EXISTING WINDOW.

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FF&E PLAN

A130

KITCHEN EQUIPMENT LIST

ITEM #	DESCRIPTION	MANUFACTURER	MODEL NO.	QTY	SUPPLIED BY	INSTALLED BY	UTILITY				REMARKS
							ELEC	GAS	WATER	SEWER	
1.1	Sneeze Guard Serve Line 12 Pan (Right)	BSI	Custom-R	1	TMS	TMS/GC					
1A	Front Serve Line - 12 Pan - RTD - POS Right	Delfield	12 Pan Serve Line POS RTD_ 241x38.5in (Right)	1	KES	KES; GC	●			●	Installed On Concrete Curb
2A	Tortilla Warmer	Caliente Industries	A2	2	KES	KES	●				GC To Store In Walk-in Cooler Until Final Installation
6	Cup Dispenser	Dispense-Rite	CHIP-ECL-3B	1	KES	KES; GC					Installed At POS Counter
7B.1	Upright Beverage Cooler, Single Door, Hinge Left	Varies	Varies - Solid Door	2	KES	KES	●				
7B.2	Upright Beverage Cooler, Single Door, Hinge Right	Varies	Varies - Solid Door	1	KES	KES	●				
8.3	M4.5 Chip Shelf	Trimark	Custom	1	KES	KES					
10	Blender	Vitamix	748	1	KES	KES	●				GC To Store In Walk-in Cooler Until Final Installation
11	Carving Station - 77x34in - Horizontal Well - Right	Delfield	77x34in Carving Station-RT	1	KES	KES	●				
12	Undercounter Refrigerator	Varies	Varies	1	KES	KES	●				
13	Grill 48in - Natural Gas - Divider Right	Woodstone	WS-PL-48-36-4-CT-Right	1	KES	KES	●	●			
13.1	Woodstone Grease Splash Guard	Nationwide Fab; Marlo Mfg	CHP-GCG-GSG	1	KES	KES					Verify If Required
14	Range 6 Burner - Natural Gas	Garland	U36-6S	1	KES	KES			●		
15	Woodstone Grill Stand 48x31in - Divider Right	Woodstone	000-PL-STAND-CASTER	1	KES	KES					
16	Fryer - Gas - Standard Efficiency	Varies	Varies	1	KES	KES	●	●			Mounted On Legs, G.C. To Pin Front Legs To Floor
16.1	Grease Caddy	Varies	Chipotle Grease Caddy - LH	1	KES	KES					
17	Cook Line Stand Off - 72x6	Nationwide Fab; Marlo Mfg	CHP-6WS-6	2	KES	KES					Mount Top of Flat Surface at 33" AFF, Install Screws at Each Stud Location, Provide Blocking To Mount To Wall
18B	Gas Rice Cooker	Woodstone	WS-RGC-60	1	KES	GC	●	●			Final Connection by GC. RE:Mechanical Drawings
19	Rice Cooker Stand - Right	Nationwide Fab; Marlo Mfg	CHP-RCS-42ES-34	1	KES	KES					
22	Prep Sink - Corner - Right	Trimark	S1-122x34-US-FF-L	1	KES	GC				●	
22.1	Prep Sink Faucet Big Flow Faucet	T&S	B-0293-01	1	KES	GC			●		
22.2	Prep Sink Vegetable Wash Faucet	T&S	B-0730	1	KES	GC			●		GC To Provide Connection For Chemical Dispensing Equipment
22.3	Prep Sink Drain Assembly	T&S	B-3950	1	KES	KES; GC				●	
23	4 Shelves - 120in Prep Sink	Amco	CHPPS120	1	KES	KES					Mount Bottom Of Standard At 50" AFF. Provide Plywood Blocking To Mount To Wall.
23A	2 Shelves - 30in	Amco	Custom	1	KES	KES					Mount Bottom Of Standard At 50" AFF. Provide Plywood Blocking To Mount To Wall.
24.3	Hand Sink Wall Mounted - Splash Both	Universal Stainless	EHS-1RL-NF	4	KES	GC				●	Provide with B-0199-06-F10, 1.0 GPM Aerator, Provide Plywood Blocking To Mount To Wall
24.5	Kitchen Hand Sink Faucet Splash Mount	T&S	B-1146-04	4	KES	GC			●		
25	Rice Prep Table Island 66x34	Nationwide Fabrication; Marlo Mfg	Custom Table 66x34in	1	KES	KES					
26	Hot Holding Cabinet - Double Door (Rice)	Food Warming Equipment (FWE)	HLC-1220-8-8-CHP	1	KES	KES	●				
29.2	Dish Sink Add-A-Faucet w/ Pre-Rinse	T&S	B-1033-12CRBJSK Substitute Sprayer B-0107-J-SWW	1	KES	GC			●		
29.3	Dish Sink Drain Assembly	T&S	B-3950	3	KES	KES; GC				●	
29.4	Dish Sink Chemical Faucet	T&S	B-2345-01-XX	1	KES	GC			●		GC To Provide Connection For Chemical Dispensing Equipment
29B	3 Comp Sink - 18x24in Bowls - 111 3/4in	Nationwide Fabrication; Marlo Mfg	S3-30x111.75x36.5-FF	1	KES	GC				●	
30	Shelving System - 3 Comp Sink	Amco	WST18795	1	KES	KES					Mount bottom of Standard At 56" AFF. Provide Plywood Blocking
30.2	Shelving System - Dish Table	Amco	WST18795	2	KES	KES					Mount bottom of Standard At 56" AFF. Provide Plywood Blocking. Mount Tight To Dish Machine
31.7	Drying Racks 23x48x85in - With Vented Aluminum Covers	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall
32.1A	Ice Maker - Remote Condenser	Hoshizaki	URC-5F	1	KES	KES	●				Condensing Units To Be Secured To The Roof Per Code By GC
32.1B	Ice Maker - Remote Condenser	Hoshizaki	URC-9F	1	KES	KES	●				Condensing Units To Be Secured To The Roof Per Code By GC
32.2A	Ice Maker - Storage Bin	Hoshizaki	BS00SF	1	KES	KES				●	
32.3	Icemaker- Filter	Varies	Varies	3	KES	KES			●		
32.4	Ice Maker - Scale Inhibitor	Varies	Varies	3	KES	KES			●		
32A	Ice Maker For B.O.H. Ice Bin (Shorter)	Hoshizaki	KML-700MRJ	1	KES	KES	●		●		Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
32C	Ice Maker Mounted On Soda Machine - Air Cooled	Hoshisaki	KMD-530MAJ	1	KES	KES	●		●	●	Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
32D	Ice Maker Mounted On Soda Machine - Remote Air Cooled	Hoshisaki	KMD-530MRJ	1	KES	KES	●		●	●	Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
33	Walk In Cooler 9x12x9ft 6in - Standard	Manitowoc/Norlake	CHP912SR-RS	1	WCS	GC	●			●	Refer To Plumbing and Mechanical Drawings; Refrigeration By Tenant; Remote Exterior Compressor Unit To Be Secured To Roof Per Code By GC
34	Walk-In Cooler Shelving System - 9x12x9	Cambro (Camshelving)	CHP912ER	1	KES	KES					
35.1	Dry Storage Racks 23x19x2x85in	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
35.3	Dry Storage Racks 23x19x2x85in	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
37	Mop Sink Faucet	T&S	B-0660-BSTR	1	KES	GC			●		
37.1	Mop Sink Chemical Faucet	T&S	B-2345-01-XX	1	KES	GC			●		GC To Provide Connection For Chemical Dispensing Equipment
38	6 Shelves - Chemical Storage Rack	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
39B	DML 2.0 130in - Right - W/POS & Cash Drawer	Franke/Delfield	DML 2.0_RT-130x39	1	KES	KES	●			●	
39B.1	DML 2.0 Wall Trim Package	Franke/Delfield	DML 2.0 Trim Kit	1	KES	KES					
40D	Holding Shelf	Trimark	TGS-39X20X80-B	1	KES	KES	●				
40F	M4.5 - Filler Stand At Range	Select Stainless	24x32x36	1	KES	KES					
41.5	DML 2.0 Shelving - 130in - Top Shelf	Franke/Delfield	CH000A32	1	KES	KES					Mount Bottom Of Shelf At 74 1/2" AFF. Provide Plywood Blocking To Mount To Wall.
41.6	DML 2.0 Shelving - 130in - Bottom Shelf	Franke/Delfield	CH000A34	1	KES	KES					Mount Bottom Of Lowest Portion Of Shelf At 54 1/2" AFF. Provide Plywood Blocking To Mount To Wall.
42	Shelving System Under Counter Beverage Station	ISS	WST1810CLR	1	KES	KES					Mounted on (4) casters, All casters to be swivel type, Front (2) casters to have brake, Located under utensil counter
43	Beverage Cooler Backbar 36in	Glasstender	LP36X-SS(X)	1	KES	KES	●				
50	Food Processor	Sammic	CA-31	1	KES	KES					
55	Filler Table - 24x34in	Trimark	TS-24x34x36-US-C	1	KES	KES					
56	Beverage Table - Fast Lane	Trimark	TS-36x92.5x36	1	KES	GC	●			●	
61B	Dish Machine (w/Pump)	Hobart	AM165CB	1	KES	KES	●		●	●	
62B	Dish Table 30x30	Trimark	CDT-30X30X36.5-B	1	KES	GC					
65	Utility Cart (Not Shown)	Select Stainless	30SU-22-14-C4-TUBS-CUSTOM	1	KES	GC					Provided As Part Of The WIC Shelving
66A	Drop-Off Table - 29x30in	Trimark	TS-29x30x31-US-C	1	KES	KES					
67	Refrigerated Counter Case, Self-Serve	Structural Concepts	CO3324R-UC	1	KES	KES					
69B	M4.0 - Simplicity Bubbler Mini-Quad	Crathco	CS-4E-16	1	KES	GC	●			●	
70	Speed Fill Faucet	T&S	B-0432 MOD	1	KES	GC			●		
71	Quesadilla Press	TurboChef	Sota Touch	1	KES	KES	●				
73A	50" TurboChef Table	Trimark	50X36X36	1	KES	KES					
74	Shelving - Under Counter - 12x36x29in	Metro	Custom	1	KES	KES					

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<u>08/27/2024</u>	ISSUE FOR CONSTRUCTION

Revisions:

Drawn:	Checked:
BJO	MRM

Project No.

1564

Contents:

FF&E SCHEDULES

A131

MISC. EQUIPMENT LIST

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

FURNITURE LIST

TAG	DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	UTILITY				REMARKS
					ELEC	GAS	WATER	SEWER	
1E	M4.0 - Table 24x24in - Rectangular Base	3	TMS	GC					
1F	M4.0 - Table 24x42in, Rectangular Base (Accessible)	5	TMS	GC					See Detail On A130
1H	M4.0 - Community Table - Low - Window - Length Varies	1	TMS	GC					
2G.1	M4.0 - Bar Height Table 8-Top, With Footrest	1	TMS	GC					One Coat Hook Per Two Seats, Confirm Mounting Location With Shop Drawings
3C.1	M4.0 - Dining Room Chair	23	TMS	GC					
3D	M4.0 - Marshmallow Stool - Fixed	4	TMS	GC					Align Seat With Seam Perpendicular To Table Edge
3E	M4.0 - Bar Stool - Fixed	8	TMS	GC					Align Seat With Seam Perpendicular To Table Edge
4P.1	Banquette Bench (Black) - Floor Mount	1	TMS	GC					
6B	M4.0 - Beverage Counter - No Trash - 4" Splash - 113"	1	TMS	GC				●	Coordinate Floor Drain Installation with Utensil Counter Installation, Bins and Sign Hooks Provided by Tundra in Smallwares Package, Install Hooks on Back of Doors
10	Child's High Chair	1	T	GC					
11	Office Chair, By Tenant	1	T	T					By Tenant
12	Patio Chair - Bistro	18	KES	GC					Provided by EMU America, Contact: Carol Hughes (303-744-3200)
13A	24in Round Bistro Table	1	KES	GC					Provided by EMU America, Contact: Carol Hughes (303-744-3200)
13B	30in Square Bistro Table	3	KES	GC					Provided by EMU America, Contact: Carol Hughes (303-744-3200)
14A	3 Bin Trash/Recycling Surround - Exterior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
14C	M4.0 - 3 Bin Trash/Recycling Surround - Interior	2	TMS	GC					Bins Provided by Tundra in Smallwares Package
15	Patio Umbrella	2	KES	GC					
16	Accessible Patio Table	2	KES	GC					Provided by EMU America, Contact: Carol Hughes (303-744-3200)
17A.2	MOPUS Shelving - 44"	1	TMS	GC					GC To Provide Blocking In Walls At The Ends Of The MOPUS Shelf To Secure Shelves, Wood Edge Of The Shelves To Face The Dining Room

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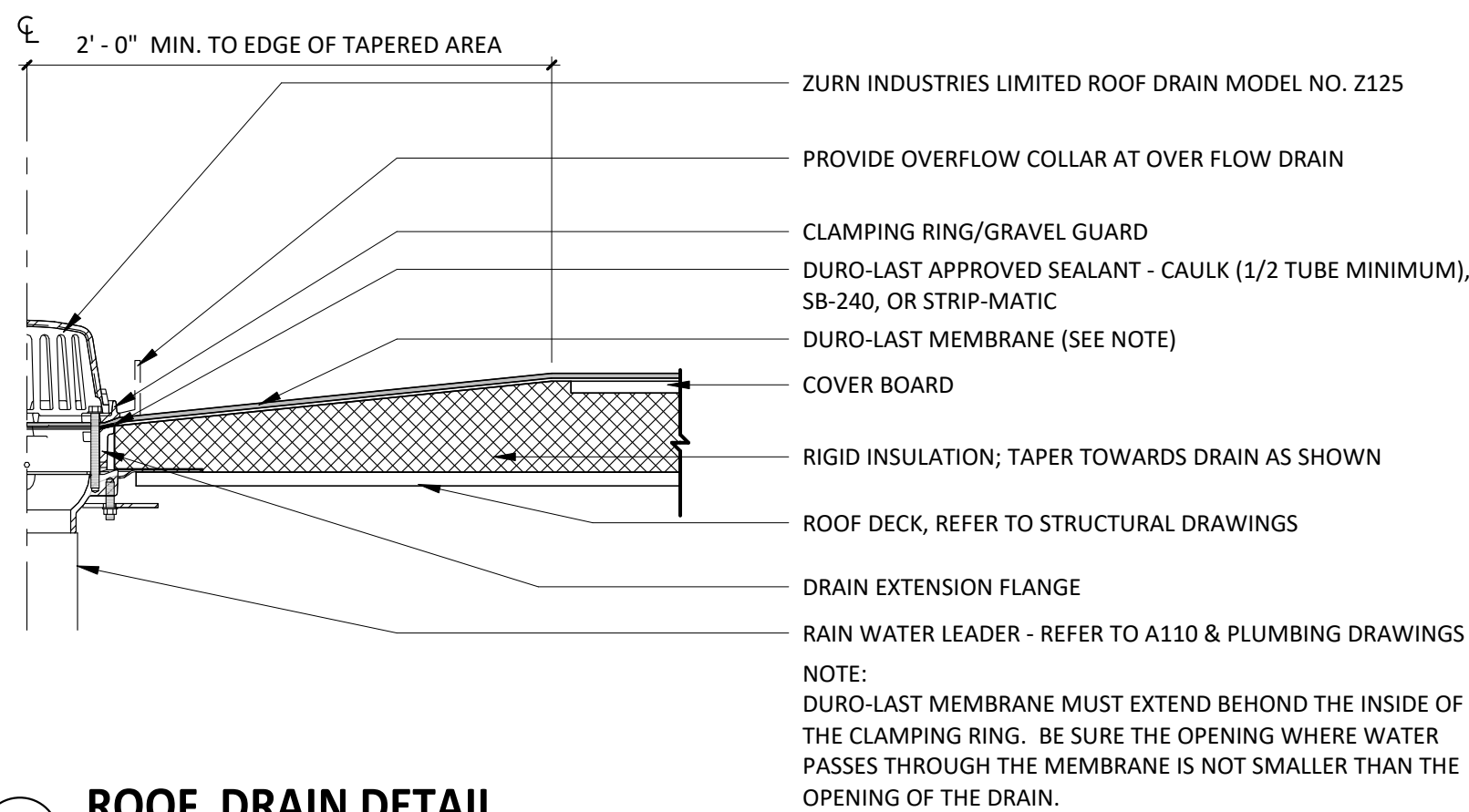
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Project No. 1564

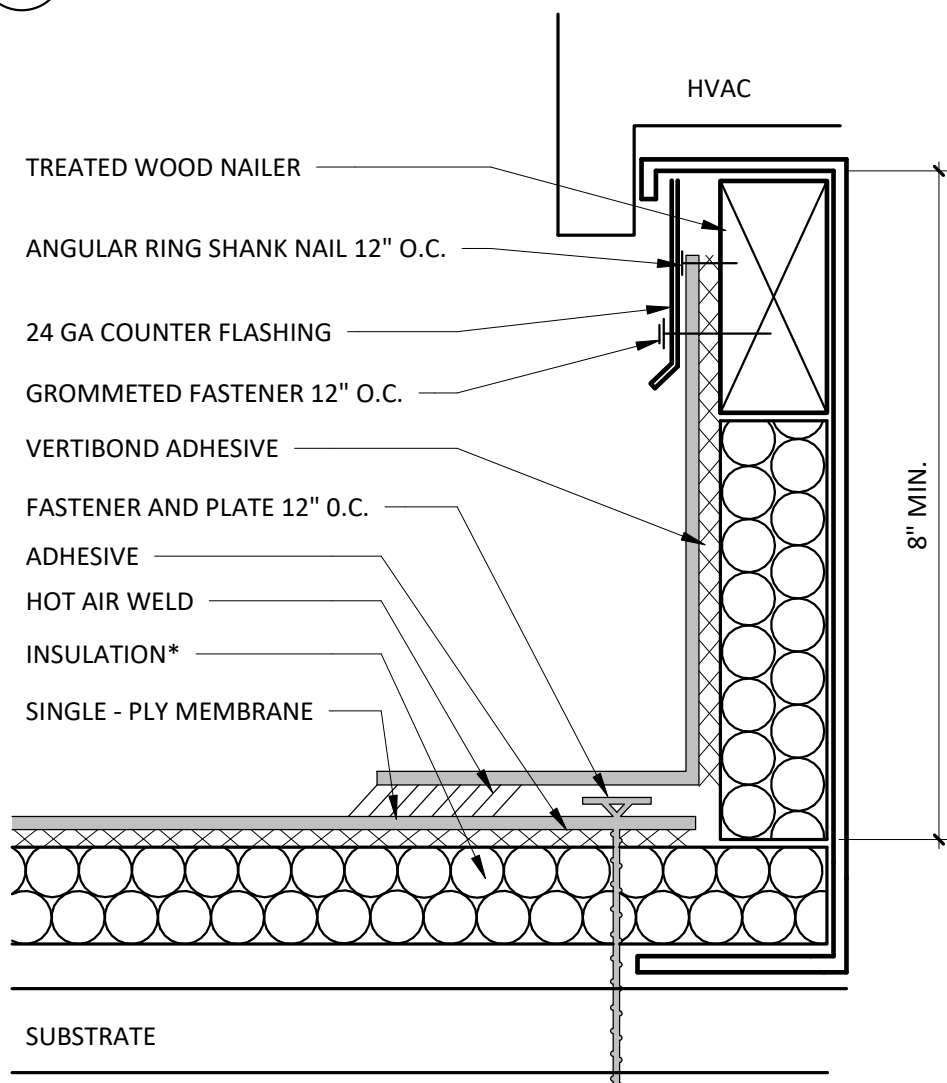
Contents: FF&E SCHEDULES

NOTE: UTILITIES BY GC, REFER TO MECHANICAL DRAWINGS.

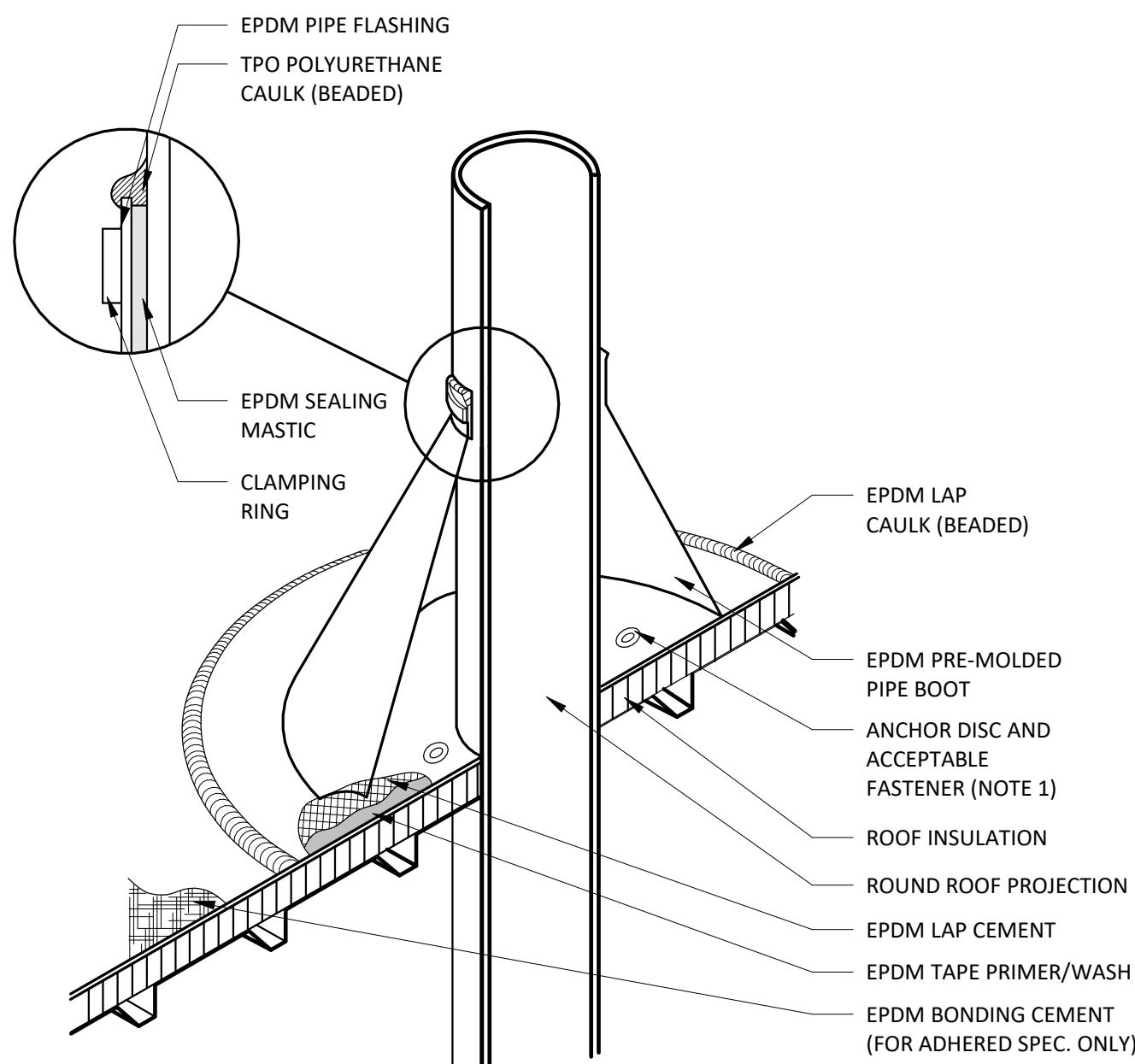
DESCRIPTION	SUPPLIED BY	INSTALLED BY	UTILITY				REMARKS
			ELEC	GAS	WATER	SEWER	
EXHAUST FANS & CURBS	HS	GC					CURB FURNISHED BY HS, INSTALLED BY GC
MAKE UP AIR UNIT & CURBS	HS	GC					CURB FURNISHED BY HS, INSTALLED BY GC
ROOF TOP UNITS & CURBS	HS	GC					CURB FURNISHED BY HS, INSTALLED BY GC
TEST &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



A140) $1\ 1/2'' = 1'-0''$



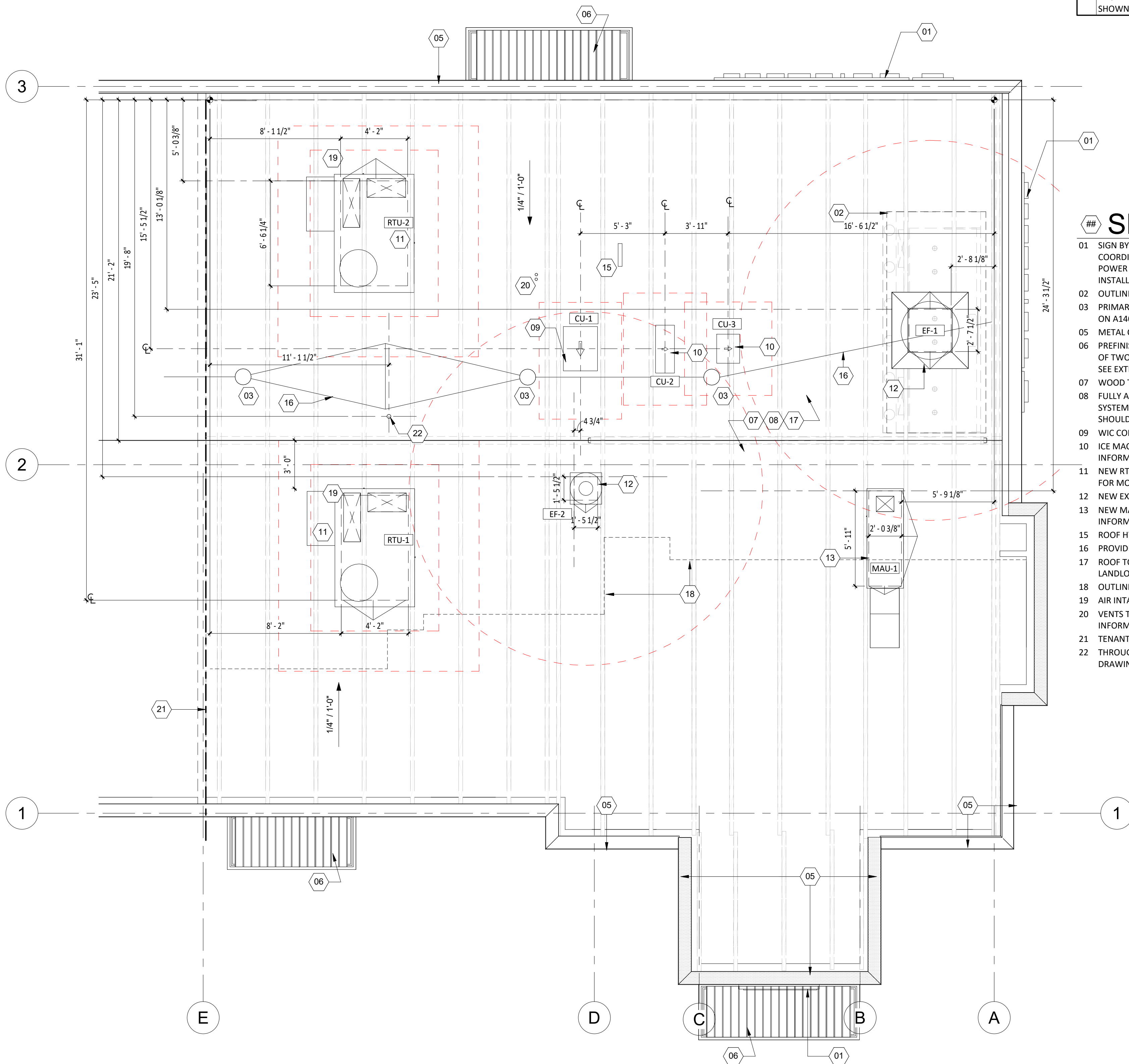
A140) $1/2'' = 1'-0''$



NOTE:

1. WITH MECHANICALLY FASTENED OR BALLASTED SPECIFICATIONS, MEMBRANE MUST BE MECHANICALLY ATTACHED WITH 2" (50 mm) ANCHOR DISC AND ACCEPTABLE FASTENERS (MINIMUM OF 4 PER PIPE).
2. DO NOT OVERLAP THE FLANGES FROM ADJACENT PIPE FLASHINGS.
3. ANY SEAM UNDER BOOT FLANGE TO BE TREATED AS T-JOINT.
4. BOTH SURFACES TO BE MATED MUST BE CLEANED WITH TAPE PRIMER/WASH. EPDM TAPE PRIMER/WASH MUST BE COMPLETELY DRY AND TACK FREE BEFORE APPLYING EPDM LAP CEMENT.

A140) $1/2'' = 1'-0''$



40) $1/4'' = 1'-0''$

1. SEE STRUCTURAL DRAWINGS FOR LOCATIONS AND SIZE OF STRUCTURAL ROOF REINFORCEMENTS.
2. SEE MECHANICAL PLANS FOR ROOF TOP EQUIPMENT.
3. COORDINATE ALL ROOF PENETRATIONS, FLASHING, AND REPAIR W/ TENANT ROOF TOP EQUIPMENT PRIOR TO COMMENCEMENT OF WORK.
4. DIMENSIONS FOR ROOF TOP EQUIPMENT WITH CURBS IS TO THE OUTSIDE FACE OF THE CURB. DIMENSIONS FOR EQUIPMENT WITHOUT CURBS ARE TO THE CENTER OF THE UNIT. ALL DIMENSIONS ARE FOR REFERENCE ONLY. ROOFING CONTRACTOR TO ADJUST AS NECESSARY IN FIELD. CONTACT ENGINEERING CONSULTANTS FOR ANY MAJOR MODIFICATIONS TO LAYOUT.
5. JOISTS FOR SHELL BUILDING ARE TO BE DESIGNED FOR THE RTU WEIGHTS AND PLACEMENT EXHIBITED. IF LOCATION OR ORIENTATION OF A UNIT MUST CHANGE, NOTIFY ARCHITECT IMMEDIATELY.
6. SEE M700 FOR PENETRATION DETAILS AT RTUS AND THE EXHAUST FAN.
7. PROVIDE INSULATED CURBS FOR ALL EQUIPMENT IN EXPOSED DECK AREA ONLY.
8. PROVIDE TAPERED INSULATION CRICKET AT ALL EQUIPMENT CURBS.
9. LOCATE ALL UNITS SO DUCT DROPS BETWEEN TRUSS JOISTS. NOTIFY ARCHITECT IMMEDIATELY IF ANY UNITS NEED TO SHIFT FROM PLAN LOCATION SHOWN.

01 SIGN BY TENANT SIGN VENDOR UNDER SEPARATE BUILDING PERMIT. GC TO
COORDINATE WITH VENDOR FOR REQUIRED WIRING AND LOCATION OF
POWER SUPPLY. PATCH AND REPAIR WALL AS REQUIRED FOR SIGNAGE
INSTALLATIONS.

02 OUTLINE OF HOOD BELOW.

03 PRIMARY ROOF DRAIN, SEE PLUMBING DRAWINGS AND ROOF DRAIN DETAILS
ON A140 FOR MORE INFORMATION.

05 METAL COPING, TYP.

06 PREFINISHED METAL CANOPY BY LANDLORD UNDER SEPARATE PERMIT, TYP
OF TWO (2). FIELD VERIFY DIMENSIONS WITH INSTALLED STEEL DIMENSIONS;
SEE EXTERIOR ELEVATIONS.

07 WOOD TRUSSES BELOW, SEE STRUCTURAL DRAWINGS.

08 FULLY ADHERED THERMOPLASTIC POLYOLEFIN MEMBRANE (TPO) ROOFING
SYSTEM AND RIGID INSULATION, SEE SPECIFICATIONS. NOTE: INSULATION
SHOULD NOT BE LESS THAN 4" AT MINIMUM POINT.

09 WIC CONDENSER. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.

10 ICE MACHINE CONDENSER. SEE MECHANICAL DRAWINGS FOR MORE
INFORMATION.

11 NEW RTU AND ASSOCIATED CURB BY TENANT. SEE MECHANICAL DRAWINGS
FOR MORE INFORMATION.

12 NEW EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.

13 NEW MAKE UP AIR UNIT. SEE MECHANICAL DRAWINGS FOR MORE
INFORMATION.

15 ROOF HYDRANT. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

16 PROVIDE TAPERED INSULATION CRICKET TO ROOF DRAINS, TYP.

17 ROOF TOP WALKING PADS PER ROOF MANUFACTURER REQUIREMENTS BY
LANDLORD, TYP.

18 OUTLINE OF THE DINING AREA BELOW.

19 AIR INTAKE, SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.

20 VENTS THROUGH ROOF, SEE PLUMBING DRAWINGS FOR MORE
INFORMATION.

21 TENANT DEMISING WALL BELOW.

22 THROUGH-ROOF CONDUIT FOR CELL BOOSTER, REFER TO ELECTRICAL
DRAWINGS.

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BIO

ARM

Project No.

1566

Contents

ARCHITECTURAL ROOF PLAN

A140

SECURITY SYSTEM

*REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

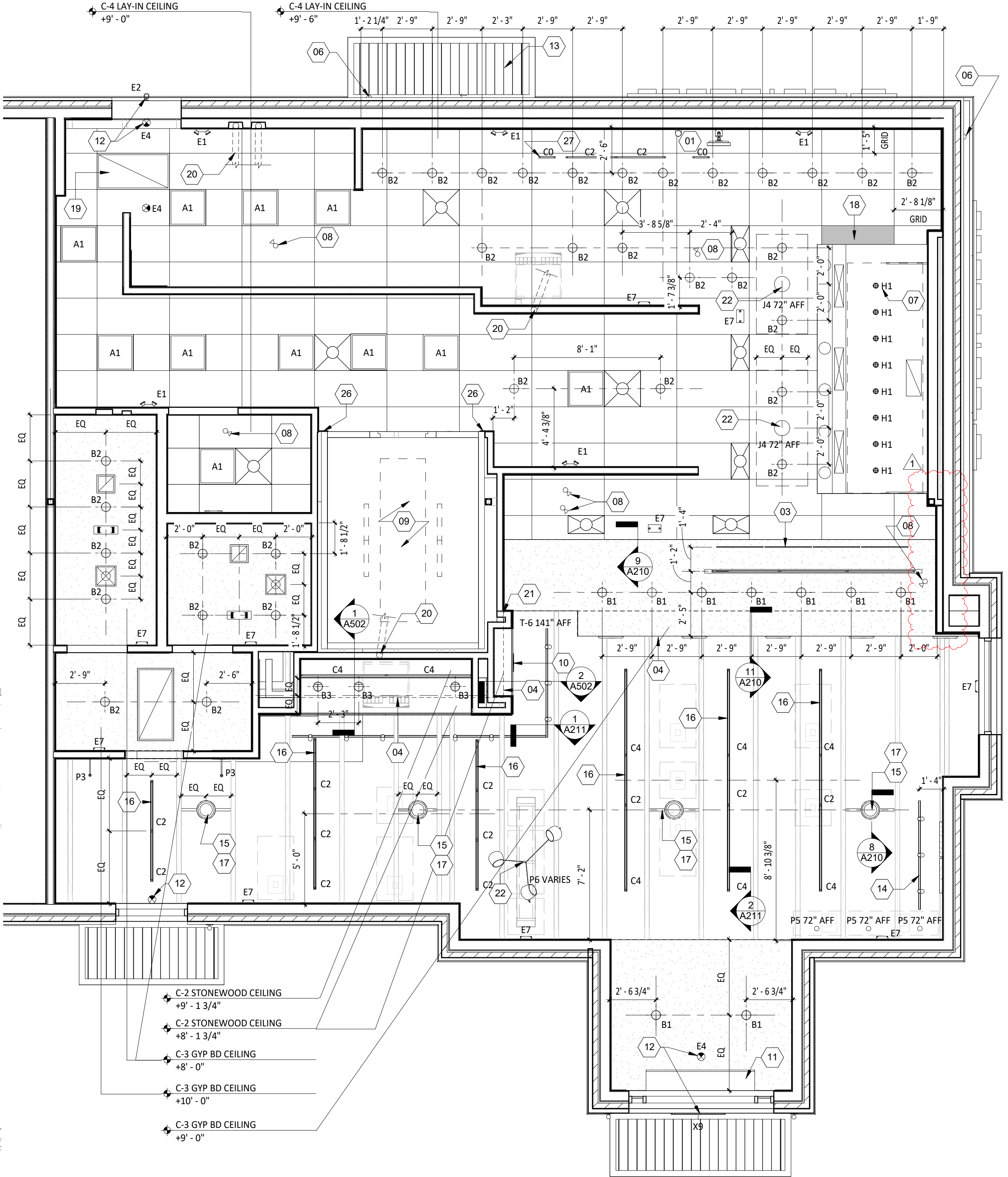
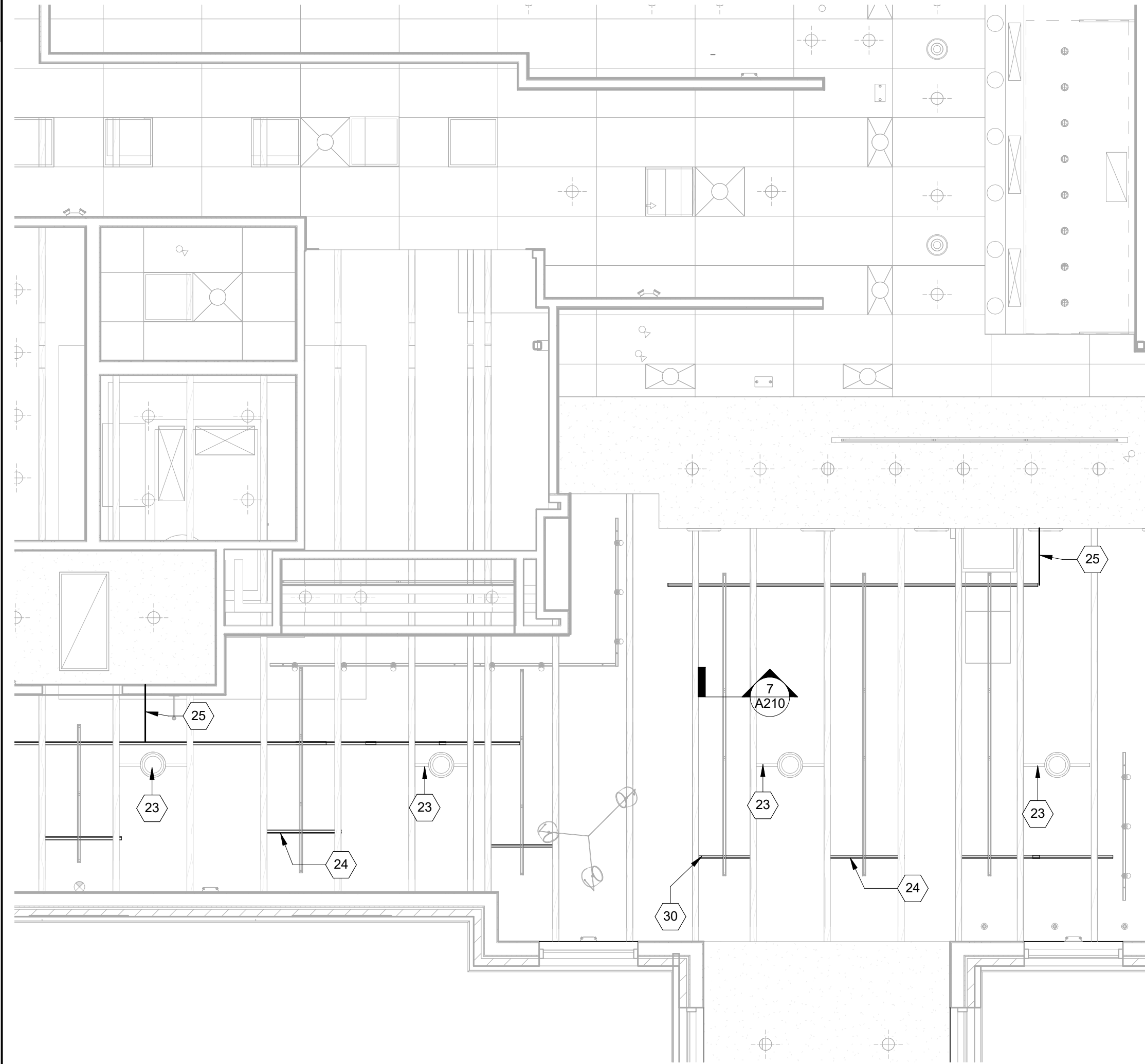
DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	ELEC	GAS	SEWER	WATER	REMARKS
SECURITY MONITOR	1	SSS	SSS	•				
SECURITY ALARM - MOTION DETECTORS	1	T.B.D.	T.B.D.	•				GC RESPONSIBLE FOR COORDINATING SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES)
72 HR SECURITY DVR	1	SSS	SSS	•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

CONDUIT GUIDELINES SPEAKER SCHEDULE

ITEM #	QTY	DESCRIPTION	COLOR/FINISH	MOUNT	REMARKS
SP1	4	DINING ROOM SPEAKER	BLACK	SUSPENDED	REFER TO A201 & E110 FOR DETAILS

LIGHT FIXTURE SCHEDULE

ITEM #	QTY	MOUNT	DESCRIPTION	REMARKS
A1	11	LAY-IN	2x2 LENSED TROFFER	SEE SHEET E100
B1	9	CEILING	RECESSED 6IN CAN LIGHT	SEE SHEET E100
B2	33	CEILING	RECESSED 6IN CAN LIGHT	SEE SHEET E100
B3	3	CEILING	M4.0 - RECESSED 6IN CAN LIGHT (BLACK)	SEE SHEET E100
C0	2	SURFACE	LOW PROFILE LED 1FT	SEE SHEET E100
C2	13	SURFACE	LOW PROFILE LED 3FT	SEE SHEET E100
C3	3	SURFACE	LOW PROFILE LED 4FT	SEE SHEET E100
C4	8	SURFACE	LOW PROFILE LED 5FT	SEE SHEET E100
E1	5	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
E2	1	VARIOUS	EMERGENCY LIGHT - SINGLE HEAD	SEE SHEET E100
E4	4	VARIOUS	WHITE EXIT LIGHT - STANDARD RED LETTERS	SEE SHEET E100
E7	10	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
G4	3	FLOOR	PATIO LIGHT POLE	SEE SHEET E100
H1	8	SURFACE	VAPOR PROOF HOOD LIGHT	SEE SHEET E100
J4	2	PENDANT	M4.0 - PENDANT LIGHT	SEE SHEET E100
P3	2	WALL	ACCENT LIGHT - ARTWORK LIGHT FIXTURE	SEE SHEET E100
P5	3	PENDANT	M4.0 - PENDANT LIGHT	SEE SHEET E100
P6	1	PENDANT	M4.0 - MULTI-PENDANT LIGHT	SEE SHEET E100 & A701
T1	11	TRACK	TRACK LIGHTING HEAD	SEE SHEET E100
T-6	3	SUSPENDED	M4.0 - TRACK 6'	SEE SHEET E100
T-8	1	SUSPENDED	M4.0 - TRACK 8'	SEE SHEET E100
X9	1	SURFACE	LED CHANNEL LIGHT	SEE SHEET E100



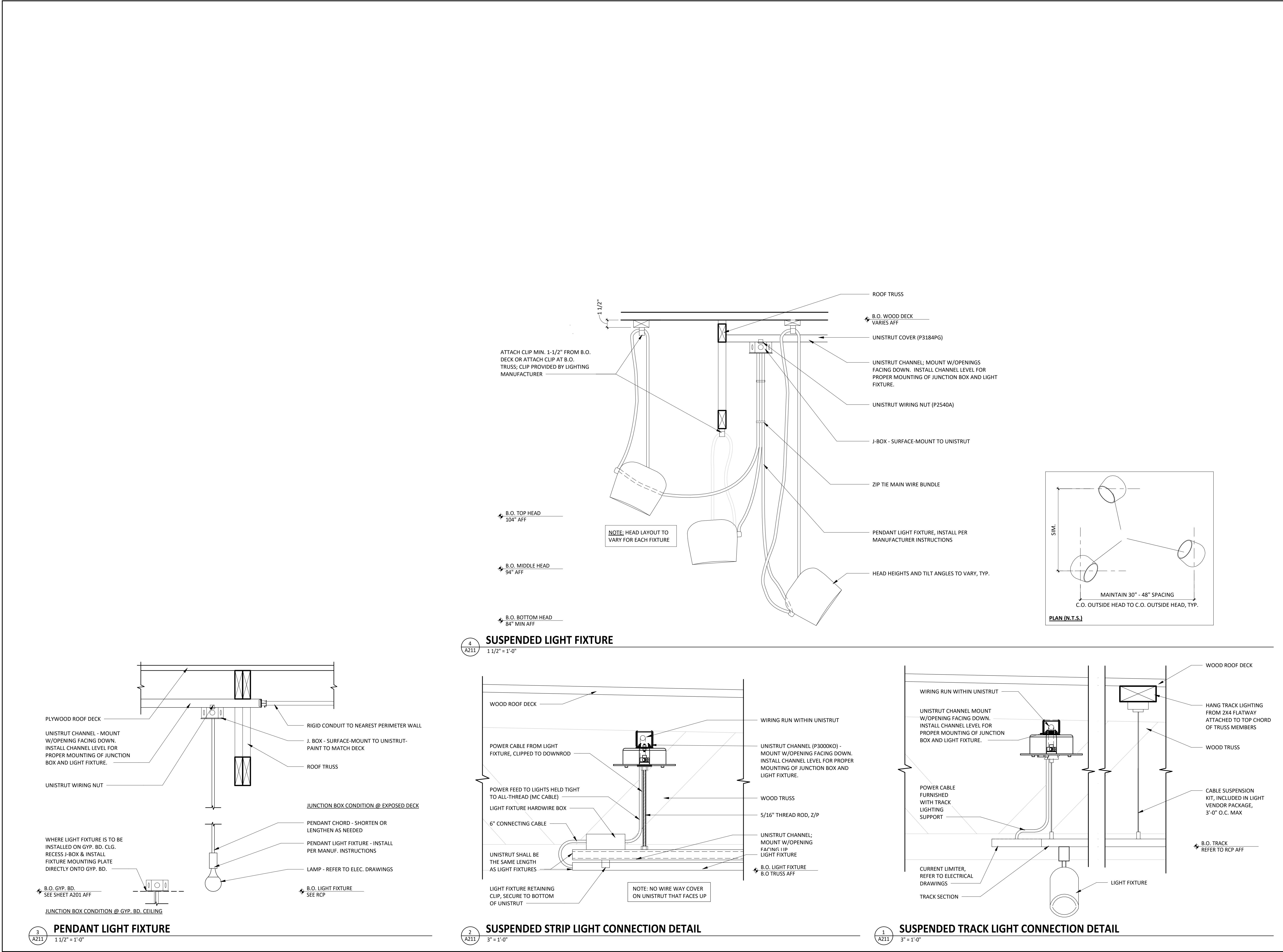
NOTE: PLYWOOD DECK AND WOOD TRUSSES ARE EXPOSED IN THE DINING AREA AND NEED TO BE FREE AND CLEAR OF MARKINGS

GENERAL NOTES

- ALL INTERIOR LIGHT FIXTURES AND LAMPS PROVIDED BY TENANT'S LIGHT/LAMP SUPPLIER.
- ALL INTERIOR LIGHT FIXTURES AND LAMPS INSTALLED BY GC. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
- KITCHEN EXHAUST HOOD PROVIDED BY HS AND INSTALLED BY GC. GC TO COORDINATE PRESSURE TEST AND VIRO GUARD WITH ENVIROMATIC, INC.
- ANSUL BOX & FIRE SUPPRESSION SYSTEM PROVIDED BY AND INSTALLED BY HS. HOOD INTERLOCK BY GC. ELECTRICAL CONNECTION BY GC, RE: ELEC.
- MENU BOARD ASSEMBLY PROVIDED BY TMB, INSTALLED BY G.C.
- PROVIDE BLOCKING ABOVE MENU BOARD ASSEMBLY FOR INSTALLATION.
- REFER TO "09900 PAINTING - GENERAL" IN SPECIFICATIONS FOR FINISHES AT EXPOSED CEILING AREAS IN ADDITION TO NOTES LISTED ON THIS SHEET AND A120.
- UNISTRUT TO BE LEFT UNPAINTED. PROVIDE MATCHING CLOSER STRIPS AND END CAPS. CLOSER STRIP TO BE APPLIED TO THE UNDERSIDE OF THE UNISTRUT.
- ALL HEIGHTS ARE TO BOTTOM OF FIXTURE UNLESS NOTED OTHERWISE.
- LIGHT DETAILS ARE LOCATED ON SHEET A210. FIXTURE AND LAMP SPECIFICATIONS ARE LOCATED ON E100.
- ALL UNISTRUT SUPPORTING CEILING ELEMENTS AND/OR DUCT WORK SHALL NOT CONTAIN ANY ELECTRICAL CONDUIT. ALL ELECTRICAL CONDUIT MUST RUN IN SEPARATE UNISTRUT.
- ALL UNISTRUT, CONDUIT, SPRINKLER & WATER LINES SHALL BE INSTALLED TO THE BOTTOM OF THE DECK OR AS SHOWN IN DETAILS AND LEFT UNPAINTED.
- ALL WATER LINES AND EXPOSED PCV SHALL BE INSTALLED UP IN TRUSSES AND PAINTED VICTORIAN PEWTER.
- ALL DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
- SEE ELECTRICAL DRAWINGS FOR SHATTER RESISTANT LAMP LOCATIONS.
- ALL EMERGENCY FIXTURES, LIGHTS AND STROBES SHALL BE ALIGNED OR CENTERED ON WALLS.
- FULL CERAMIC TILE COURSING SHALL TAKE PRECEDENT OVER ANY CEILING/HEADER DIMENSION INDICATED IN THE PLAN, REFER TO A120.
- ALL CONDUIT AND PIPE PENETRATIONS OF THE SERVING LINE SOFFIT ARE TO BE HELD TIGHT TO THE DECK. PLEASE CONSULT WITH THE CHIPOTLE CM SHOULD ANY CONFLICTS ARISE.
- BATT INSULATION TO BE INSTALLED ABOVE THE RESTROOM CEILING.
- ALL LAY-IN CEILING PENETRATIONS TO BE HELD TIGHT TO WALLS. REFER TO 10/A210 AND PLUMBING DRAWINGS FOR DETAILS.
- REFER TO STRUCTURAL DRAWINGS FOR HOOD SUSPENSION DETAILS.
- ALL EXTERIOR BUILDING MOUNTED AND PATIO LIGHT FIXTURES AND LAMPS PROVIDED BY TENANT'S LIGHT/LAMP SUPPLIER, U.N.O.
- ALL EXTERIOR PARKING LOT LIGHT FIXTURES AND LAMPS PROVIDED BY AND INSTALLED BY G.C. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
- ALL EXTERIOR BUILDING MOUNTED AND PATIO LIGHT FIXTURES AND LAMPS INSTALLED BY G.C. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
- SECURITY CAMERA LOCATIONS ARE ONLY APPROXIMATE LOCATIONS. FOR GUIDANCE ON THE SPECIFIC LOCATION/ORIENTATION OF THESE CAMERAS, REFER TO THE ENVISION INSTALLATION GUIDE
- REFER TO A120 FOR FINISH SCHEDULE

SHEET NOTES

- CHIME/ STROBE, REFER TO ELECTRICAL DRAWINGS.
- LINE OF SUSPENDED MENU BOARD BELOW, SEE INTERIOR ELEVATIONS FOR ORIENTATION AND PANEL PLACEMENT.
- EDGE OF SOFFIT. REFER TO INTERIOR ELEVATIONS FOR MORE INFORMATION.
- EXTERIOR SECURITY CAMERA, SURFACE MOUNTED. COORDINATE WITH OPERATIONS FOR IDEAL PLACEMENT.
- LIGHTS BY HOOD EXHAUST MANUFACTURER, TYPICAL OF EIGHT (8).
- SECURITY CAMERA LOCATION, TYP.
- STRIP LIGHTING FOR COOLER BY COOLER MANUFACTURER, G.C. TO PROVIDE ROUGH-IN.
- PICK-UP SIGNAGE MOUNTED ON SPALTED MAPLE PANELING.
- HEATED AIR CURTAIN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
- CENTER LIGHTS AND DEVICES ON DOOR AND/OR WINDOW, TYP.
- PREFINISHED METAL CANOPY BY LANDLORD, TYP. OF TWO
- CENTER TRACK LIGHTING ON WALL AT PLYWOOD BOX/ ART WORK
- SPEAKERS MOUNTED AT B.O. TOP CHORD OF TRUSS. B.O. SPEAKER TO ALIGN WITH B.O. TRUSS, REFER TO A210 AND A701
- CENTER LIGHT FIXTURES BETWEEN TRUSSES, TYP.
- CENTER SPEAKERS BETWEEN TRUSSES, TYP.
- AREA OVER CEILING TO REMAIN CLEAR FOR HOOD SERVICE.
- HVAC RETURN GRILLE, REFER TO MECHANICAL DRAWINGS
- 4" PVC PIPE STUBBED ABOVE CEILING FOR SODA BUNDLE, TYP. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
- HOLD SOFFIT FRAMING SO GYP. BD. FINISH DOESN'T OVERLAP WALL FINISH ON BOX BELOW, REFER TO FINISH PLAN.
- CENTER FIXTURE ON TABLE BELOW, TYP.
- UNISTRUT FOR SPEAKERS, TYP. ATTACH UNISTRUT TO BOTTOM OF TOP CHORD OF STRUCTURE, TYP. REFER TO A210 FOR MORE INFORMATION.
- UNISTRUT FOR SUSPENDED STRIP LIGHT FIXTURE, TYP., REFER TO A211.
- PULL POWER IN RIGID CONDUIT TIGHT TO BOTTOM OF TOP CHORD TO FEED UNISTRUT, COORDINATE WITH CONSTRUCITON MANAGER.
- PROVIDE F.R.P. CLOSURE BETWEEN FINISH CEILING AND TOP OF COOLER
- UNDERSHELF TASK LIGHTING REFER TO E100
- ATTACH UNISTRUT TO BOTTOM OF CHORD OF STRUCTURE, TYP; REFER TO A210 FOR DETAILS

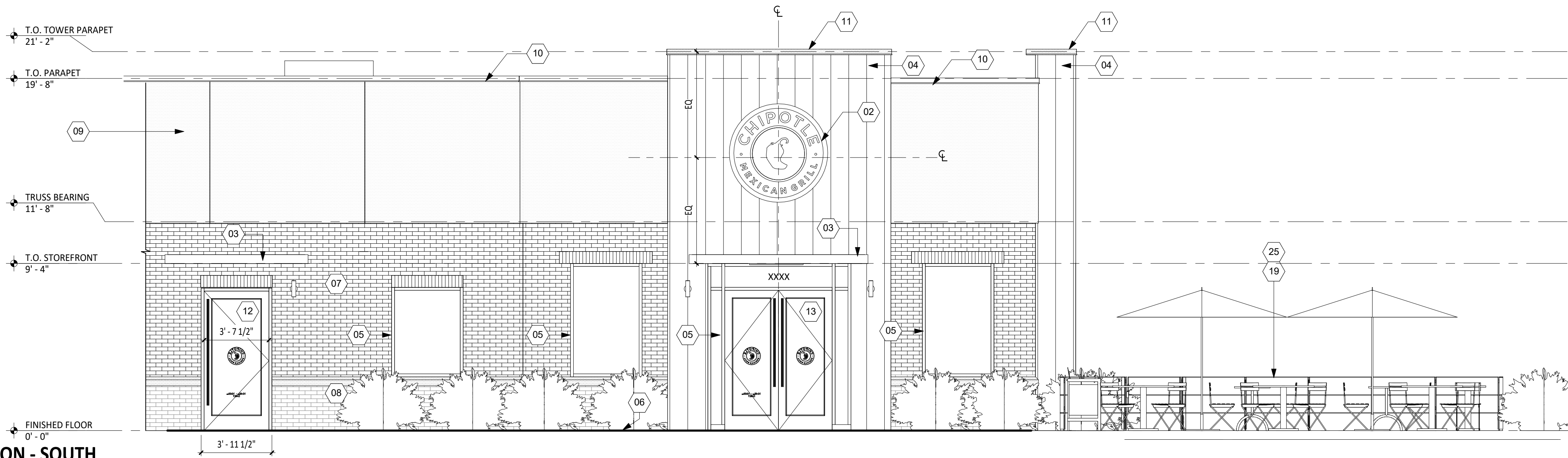


GENERAL NOTES

1.

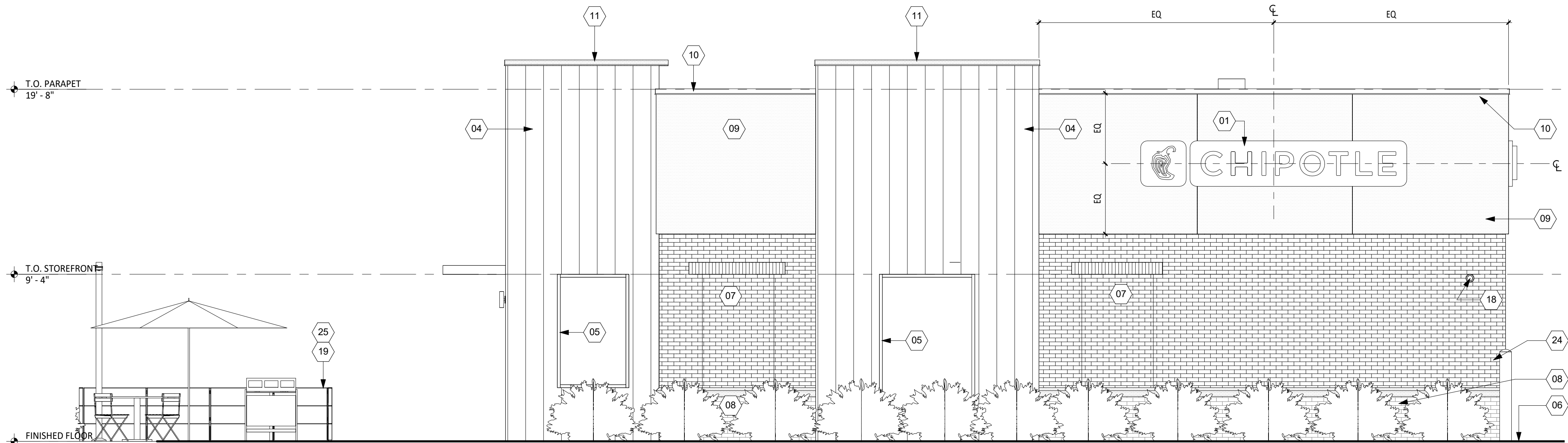
REFER TO EXTERIOR ELEVATIONS THIS SHEET FOR EXTERIOR SIGNAGE LOCATIONS, SIZES & DESCRIPTIONS.
2.

EXTERIOR SIGNAGE PROVIDED BY TSV AND INSTALLED BY TSV. GC TO MAKE FINAL CONNECTION.



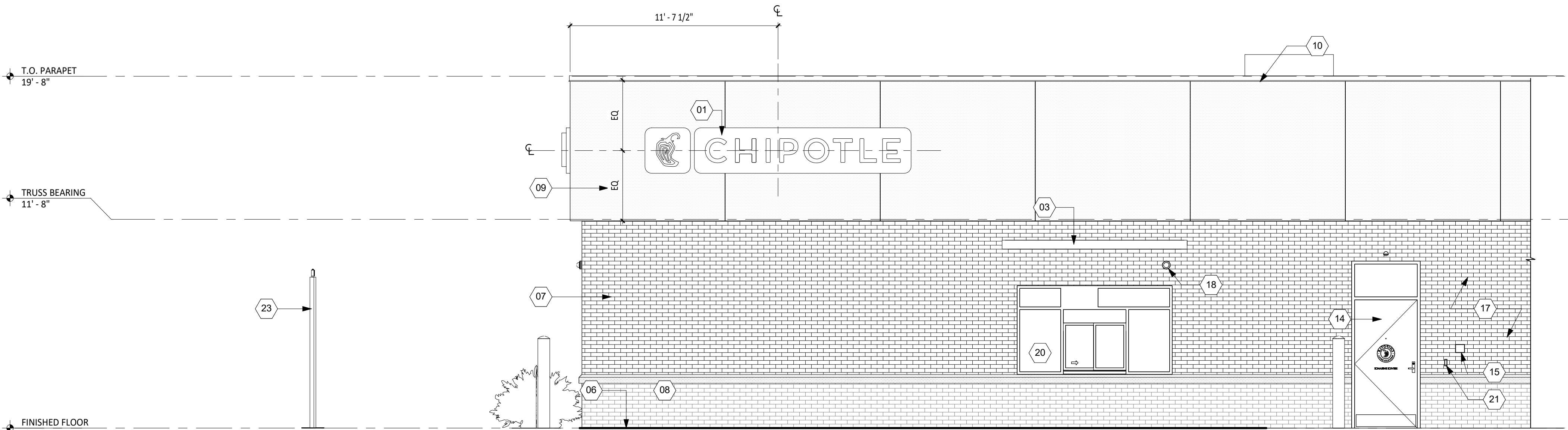
EXTERIOR ELEVATION - SOUTH

1/4" = 1'-0"



EXTERIOR ELEVATION - EAST

1/4" = 1'-0"



EXTERIOR ELEVATION - NORTH

1/4" = 1'-0"

SHEET NOTES

- 01

B-3 SIGN COORDINATE BLOCKING FOR SIGN W/ SIGN VENDOR.
- 02

TYPE D MEDALLION SIGN COORDINATE BLOCKING FOR SIGN W/ SIGN VENDOR.
- 03

PREFINISHED METAL CANOPY TO COLOR MATCH STOREFRONT, BY LANDLORD.
- 04

METAL PANEL TOWER, BY LANDLORD.
- 05

CHARCOAL ALUMINUM STOREFRONT SYSTEM, TYP., BY LANDLORD.
- 06

CONCRETE CURB, BY LANDLORD
- 07

EXISTING BRICK VENEER PAINTED TO MATCH EIFS PPG "FOG", BY LANDLORD.
- 08

EXISTING BRICK VENEER & SILL PAINTED TO MATCH PPG "KNIGHTS ARMOUR", BY LANDLORD.
- 09

EIFS SYSTEM, COLOR TO MATCH PPG "FOG", BY LANDLORD.
- 10

PREFINISHED METAL COPING TO MATCH ADJACENT EIFS, BY LANDLORD.
- 11

PREFINISHED METAL COPING TO MATCH ADJACENT METAL PANELS, BY LANDLORD.
- 12

SINGLE LEAF CHARCOAL ALUMINUM STOREFRONT ENTRY DOOR BY LANDLORD. NO PULL HANDLES TO BE PROVIDED, EXIT DOOR ONLY.
- 13

DOUBLE LEAF CHARCOAL ALUMINUM STOREFRONT ENTRY DOORS BY LANDLORD. WOOD HANDLES BY TENANT MILLWORK SUPPLIER
- 14

HOLLOW METAL SERVICE DOOR FRAME WITH TRANSOM (FROSTED GLAZING). PAINT DOOR AND DOOR FRAME GRAY TO MATCH "KNIGHTS ARMOUR" PAINT FINISH, BY LANDLORD.
- 15

REMOTE CO2 FILLER, MOUNT BETWEEN 36" AND 48" ABOVE GRADE VERIFY LOCATION WITH CHIPOTLE CM.
- 17

PAINT ANY ALLOWABLE UTILITY BOXES AND LINES GRAY TO MATCH "KNIGHTS ARMOUR" PAINT FINISH
- 18

EXTERIOR SECURITY CAMERA (S) BY TENANT.
- 19

CONCRETE PAD FOR PATIO, PATIO ENCLOSURE AND LIGHTING PROVIDED BY LANDLORD UNDER A SEPARATE PERMIT.
- 20

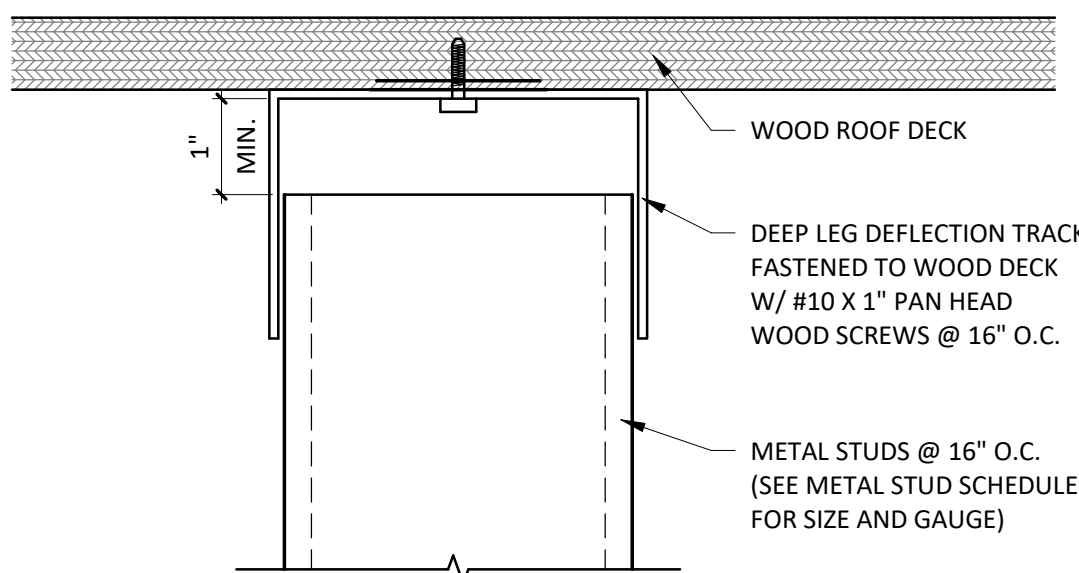
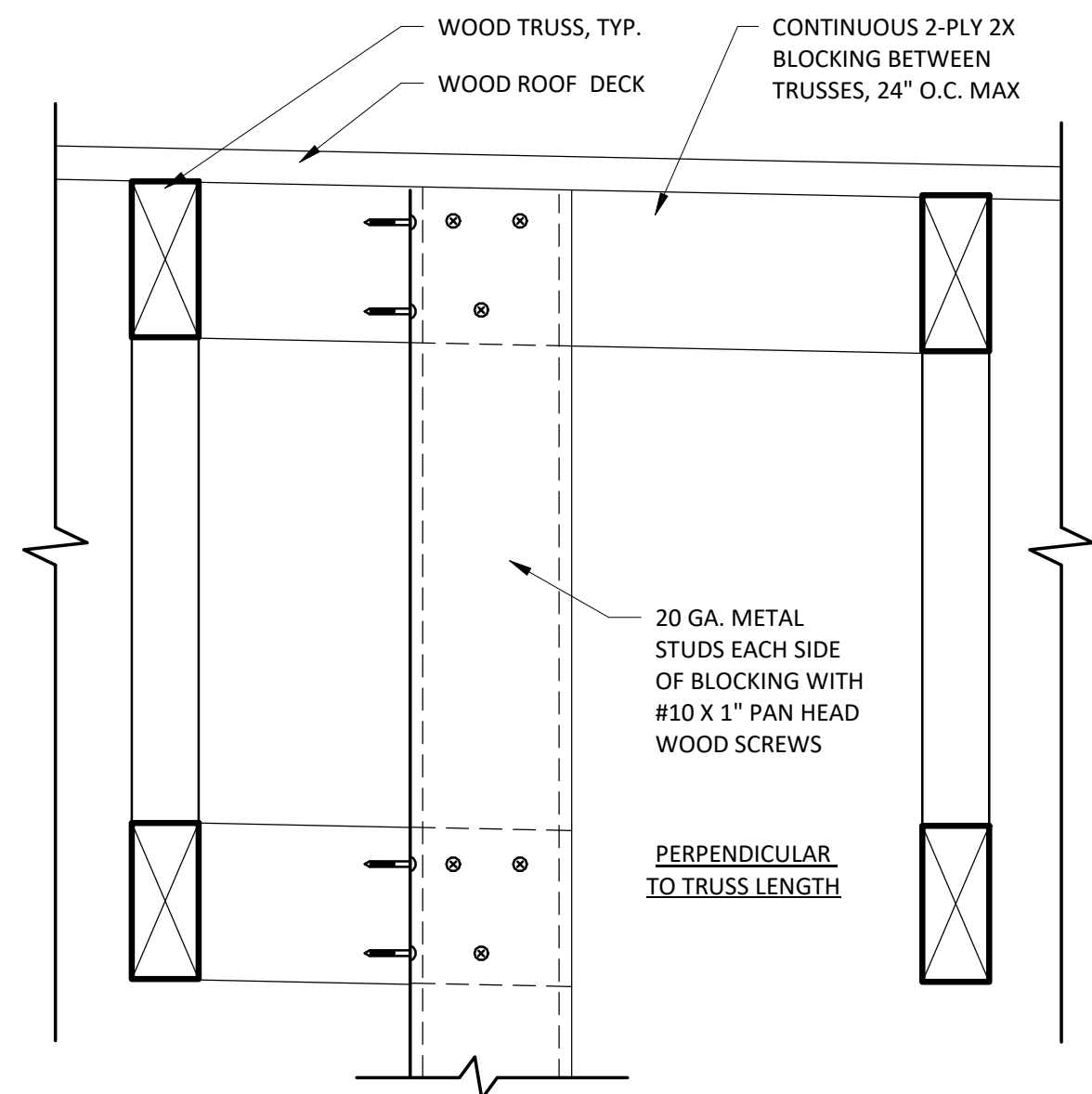
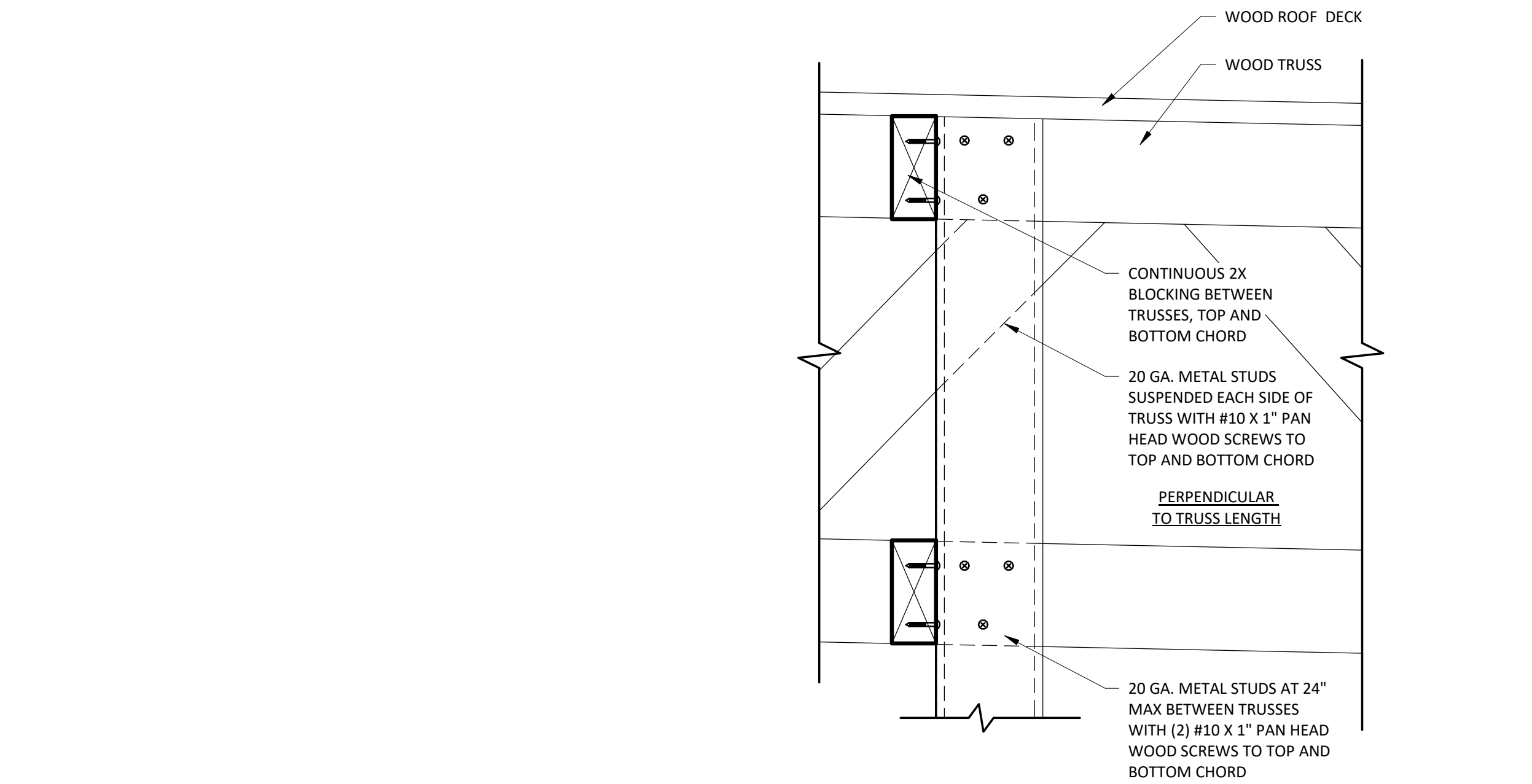
DARK BRONZE ALUMINUM PASS-THROUGH WINDOW WITH INTEGRATED INTERIOR AIR CURTAIN, BY TENANT
- 21

DOOR BELL.
- 23

CLEARANCE BAR BY TENANT SIGN VENDOR UNDER SEPARATE PERMIT. REFER TO SITE PLAN & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 24

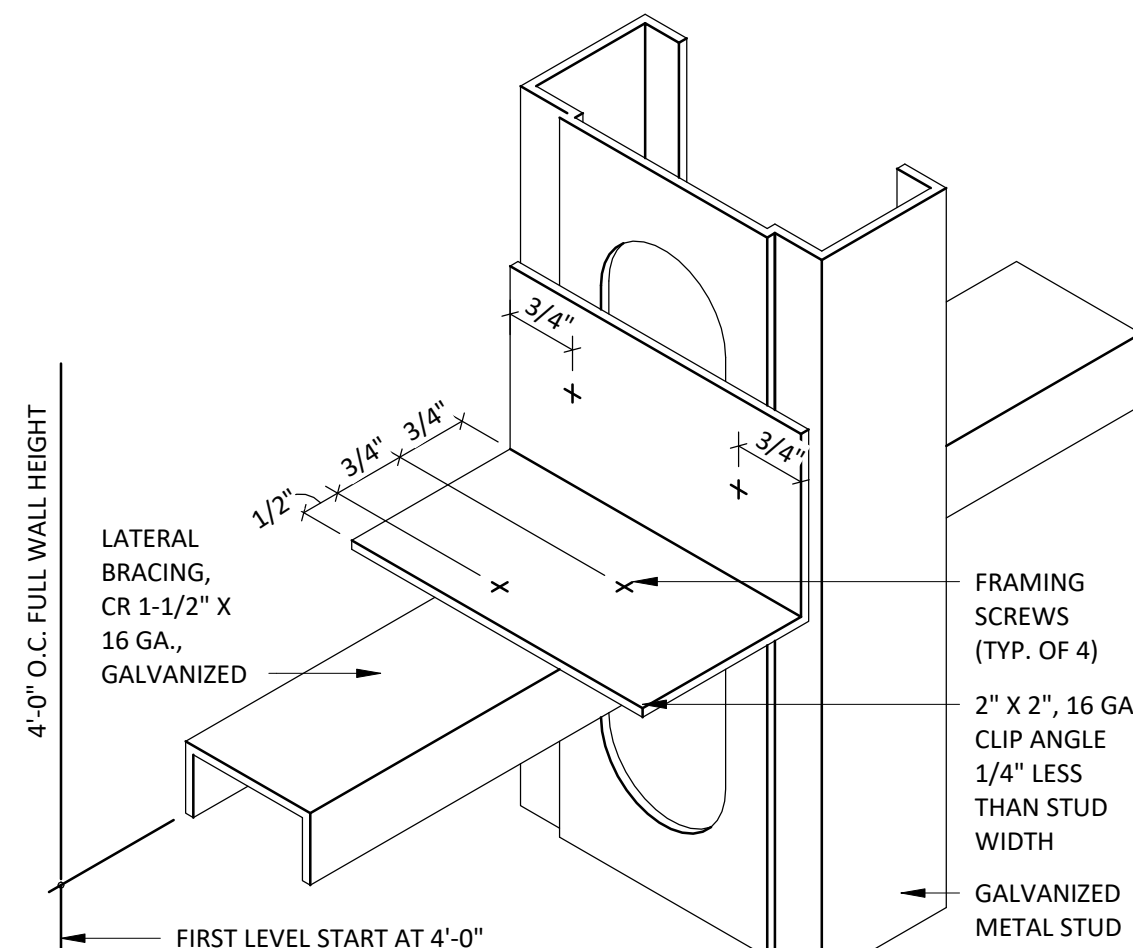
6" BOLLARDS BY LANDLORD UNDER SEPARATE PERMIT. SEE SP101 FOR MORE INFORMATION, TYPICAL OF TWO.
- 25

RAILING BY LANDLORD.



3
A501
DEFLECTION TRACK DETAIL @ PARTITION
6" = 1'-0"

2
A501
SOFFIT HANGING DETAIL
3" = 1'-0"

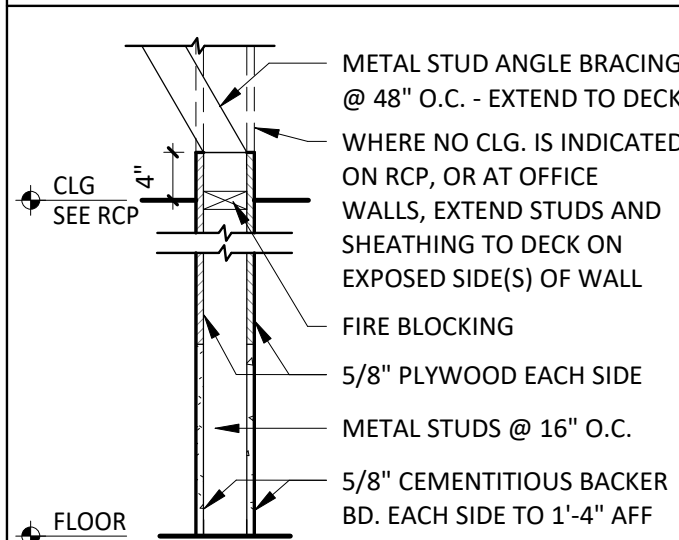


1
A501
LATERAL BRACING DETAIL @ PARTITION
NOT TO SCALE

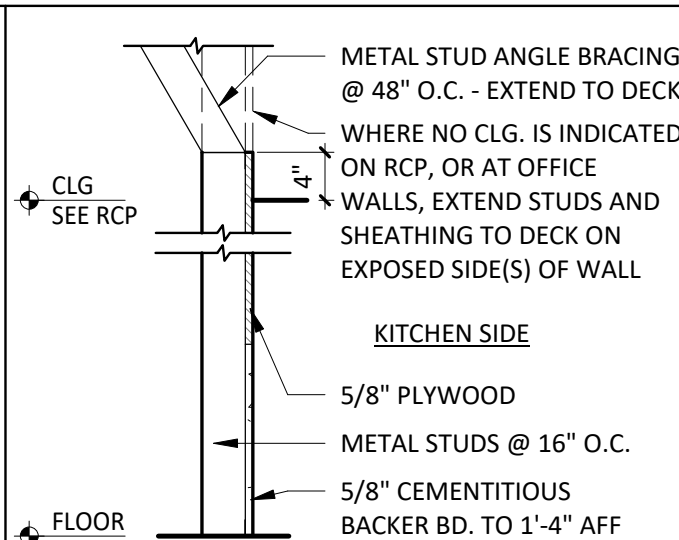
WALL TYPES

- G.C. SHALL PROVIDE SOLID BLKG. IN WALLS AS NEEDED
- REFER TO ARCHITECTURAL FLOOR PLAN FOR ALL STUD SIZES
- REFER TO A120 FOR ALL WALL FINISHES

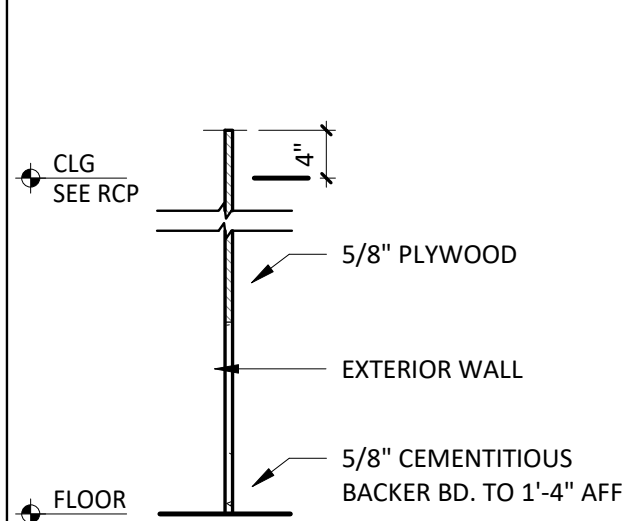
NOTE: ALL CONCEALED WOOD TO BE FRT RATED



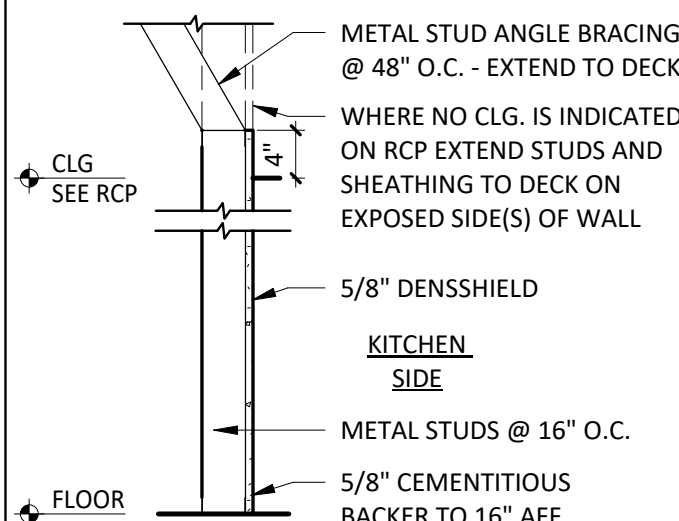
W1
INTERIOR PARTITION



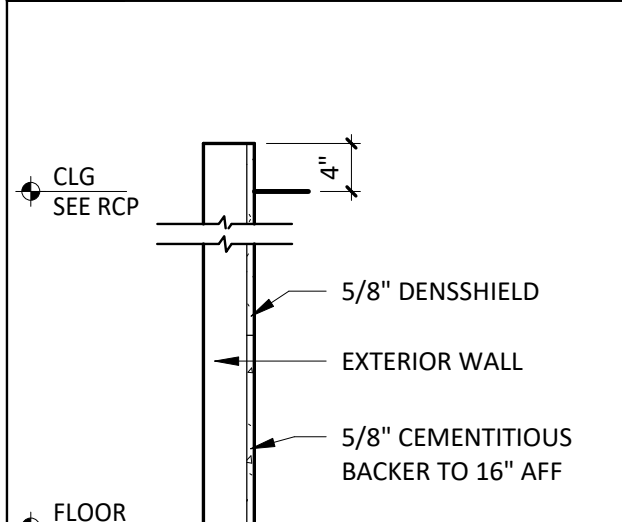
W1a
INTERIOR PARTITION



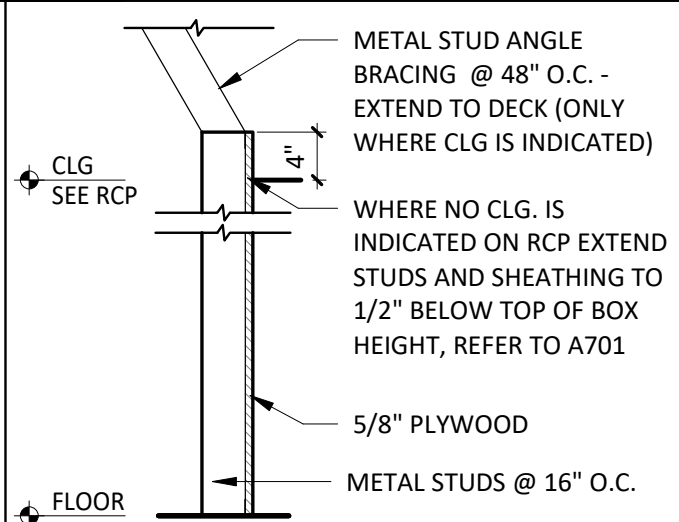
W1ax
INTERIOR PARTITION



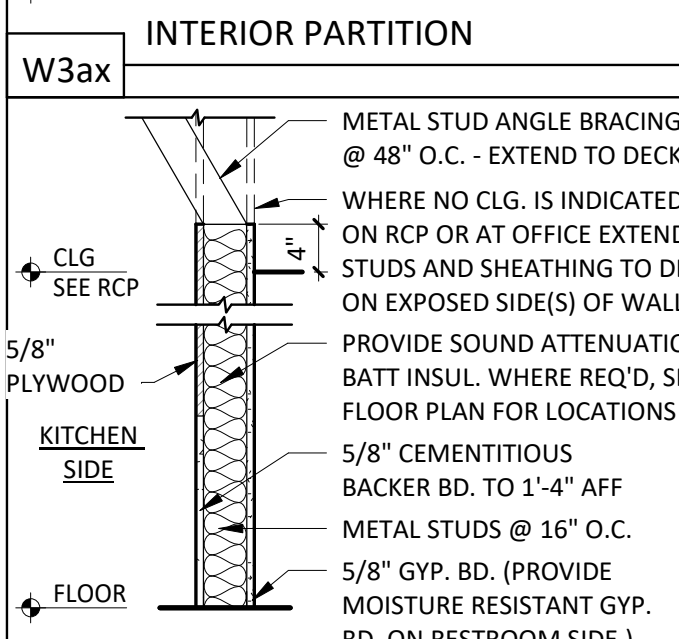
W3a
INTERIOR PARTITION



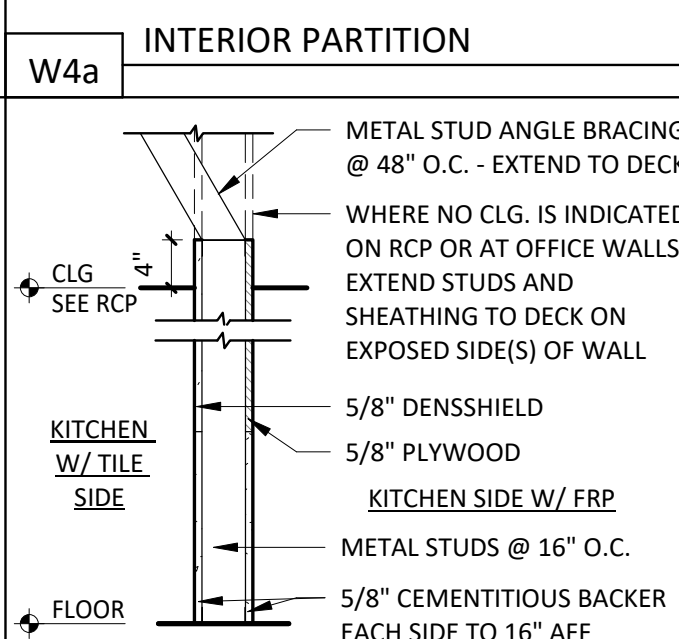
W3ax
INTERIOR PARTITION



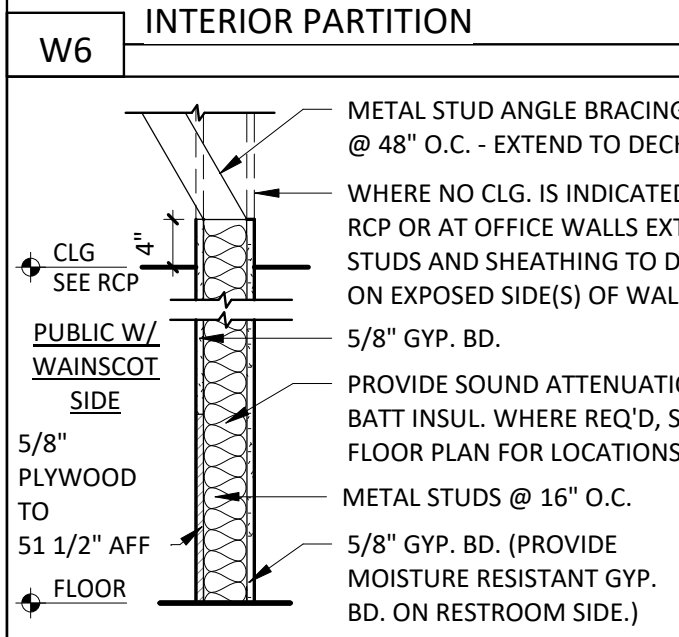
W4a
INTERIOR PARTITION



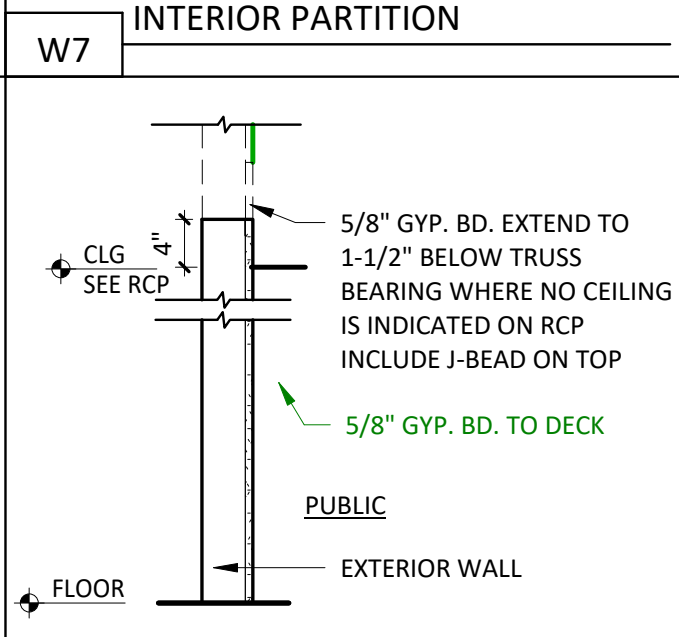
W6
INTERIOR PARTITION



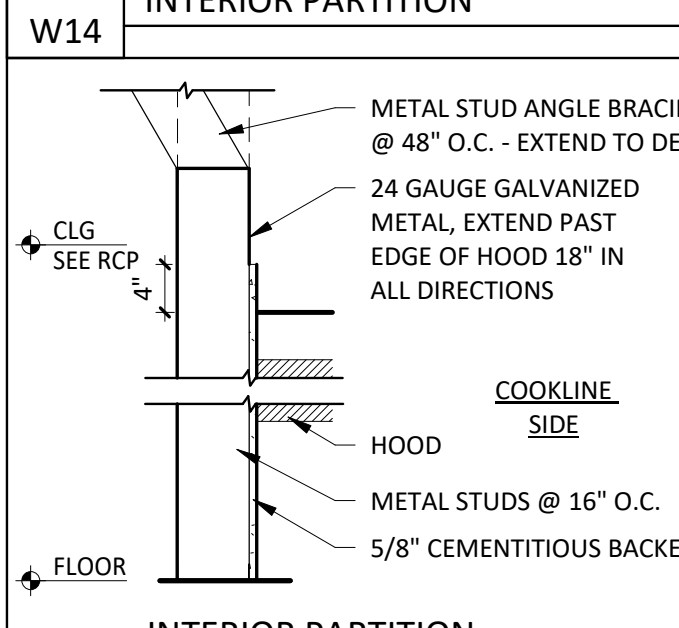
W7
INTERIOR PARTITION



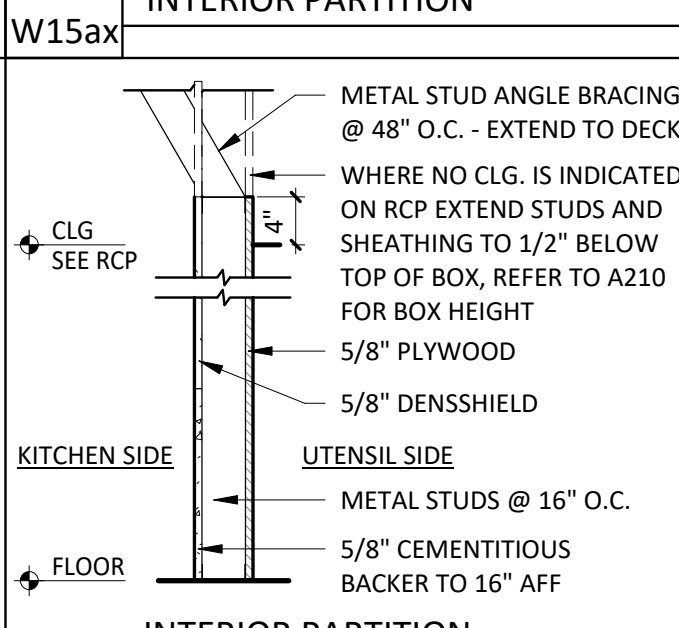
W14
INTERIOR PARTITION



W15ax
INTERIOR PARTITION



W26a
INTERIOR PARTITION



W28
INTERIOR PARTITION

GENERAL NOTES

REFER TO FINISH SCHEDULE AND CERAMIC TILE WALL FINISHES KEY PLAN ON SHEET A120 FOR WALL FINISHES, REFER TO FLOOR PLAN ON A110 FOR METAL STUD SIZE.

STUD SCHEDULE & NOTES

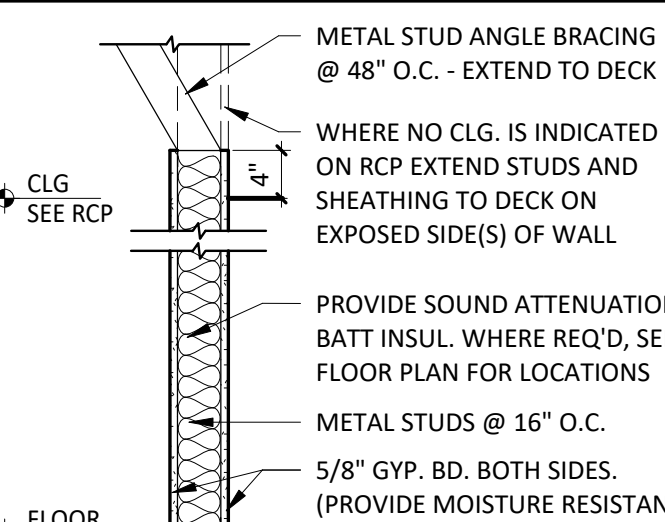
SIZE/TYPE	W/O HUNG SHELIVING	W/ HUNG SHELIVING
362S125-18	UP TO 12'-0"	
362S137-33	UP TO 16'-0"	UP TO 12'-0"
600S137-33	UP TO 22'-0"	UP TO 16'-0"
600S162-43	UP TO 26'-0"	UP TO 22'-0"

- ALL HEIGHTS REFER TO UN-BRACED HEIGHTS.
- ALL HEIGHTS BASED ON 16" O.C. SPACING.
- BOTTOM TRACK TO BE SAME GAUGE AS STUD.
- TOP TRACK TO BE ONE GAUGE HIGHER.

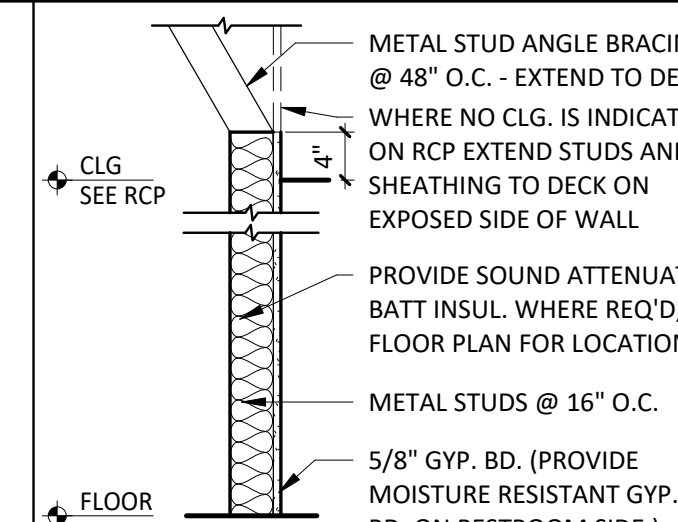
PARTITION NOTES

- ALL METAL STUDS TO CONFORM TO LOCAL BUILDING CODES.
- ALL STUD WALLS AND PARTITIONS REQUIRE GYP. BOARD ON BOTH SIDES FOR THE FULL HEIGHT OF THE STUDS UNLESS SPECIFICALLY DETAILED OTHERWISE.
- ALL SUSPENDED WALLS SHALL HAVE GYP. BOARD WHICH EXTENDS 4" ABOVE THE SUSPENDED CEILING UNLESS SHOWN AND/OR NOTED OTHERWISE BY THE ARCHITECT.
- FIRE RETARDANT PLYWOOD MAY SUBSTITUTE FOR GYP. BOARD WHERE SO DIRECTED BY THE ARCHITECT.
- ALL STUD WALLS AND PARTITIONS SHALL HAVE CONTINUOUS LINES OF BRIDGING SPACED AT 4'-0" MAXIMUM ON CENTER. THE BRIDGING SHALL BE SECURELY FASTENED TO THE STUDS WITH EITHER SCREWS OR WELDS. REFER TO DETAILS THIS SHEET.
- ALL STUDS SHALL BE "CEE" STUDS WITH FLANGE STIFFENERS.
- THE MATERIALS AND DETAILS SHOWN ARE FOR TYPICAL INSTALLATIONS. WHERE THE STUD MANUFACTURER'S RECOMMENDATIONS OR LOCAL ORDINANCES ARE MORE RESTRICTIVE, THEY SHALL APPLY.
- TYPICAL FASTENER:

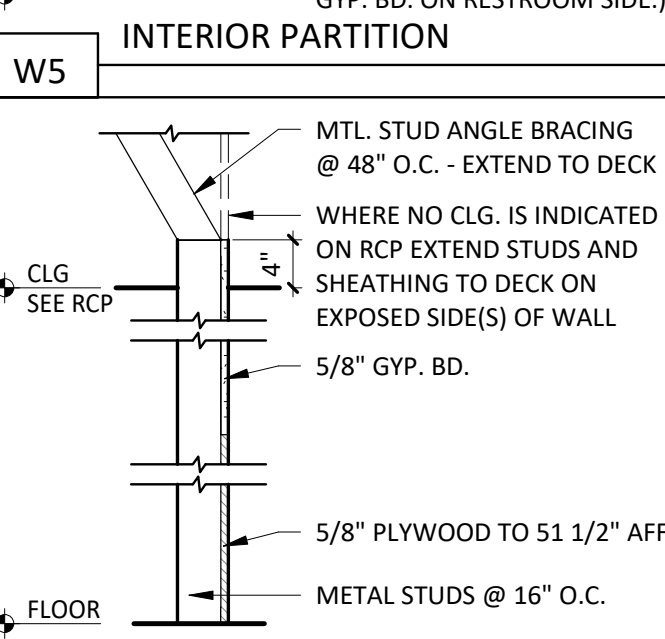
- STEEL STUDS TO STEEL STUDS OR TRACKS:
 - 20 GAUGE - #8 - 18 X 1/2" TEKS WITH PHILIPS PAN HEAD - MIN. 2 PER CONNECTION
 - 18/16 GAUGE - #10 - 16 X 3/4" TEKS WITH PHILIPS PAN HEAD - MIN. 3 PER CONNECTION
- STEEL STUDS OR TRACKS TO WOOD PURLINS, GIRDERS AND BEAMS:
 - #14 - 10 X 1-1/2" H.W.H. TYPE "S" METAL-TO-WOOD TEKS AT 12" O.C., 2" FROM EACH END
- STEEL STUDS OR TRACKS TO STRUCTURAL STEEL (TUBE/WIDE FLANGE COL'S, BM'S, GIRDERS, ETC.)
 - 0.145" DIA. HILTI X-DNI FASTENER, 1" MIN. LENGTH AND MIN. OF 2 PER CONNECTION, OR 2 ROWS AT 16" O.C. FOR CONTINUOUS APPLICATIONS SUCH AS TRACKS, U.N.O.
- PLYWOOD TO STEEL STUDS:
 - #10 - 24 X 1-1/4" TEKS/3 (PLYMETALTEKS) WITH THIN WAFER HEAD - 24" O.C. FILED, 12" O.C. PERIMETER
- GYP. BOARD TO STEEL STUDS:
 - #7 X 1-1/4" HI-LOW TYPE "S" BUGLE HEAD SCREWS FOR 3/8" TO 5/8" GYP. BD. TO 25 GAUGE OR 20 GAUGE STUDS
 - #6 X 1-1/4" TYPE S-12 BUGLE HEAD SCREWS FOR 3/8" TO 5/8" TO 18 GAUGE OR 16 GAUGE STUDS OR TRACKS
 - FIELD - 12" O.C. CEILINGS, 24" O.C. WALLS
 - BUTT JOINTS 12" O.C.
- STEEL STUDS OR TRACKS TO CONCRETE:
 - 0.145" DIA. HILTI X-DNI FASTENER, 1" MIN. LENGTH, 2 ROWS AT 16" O.C.



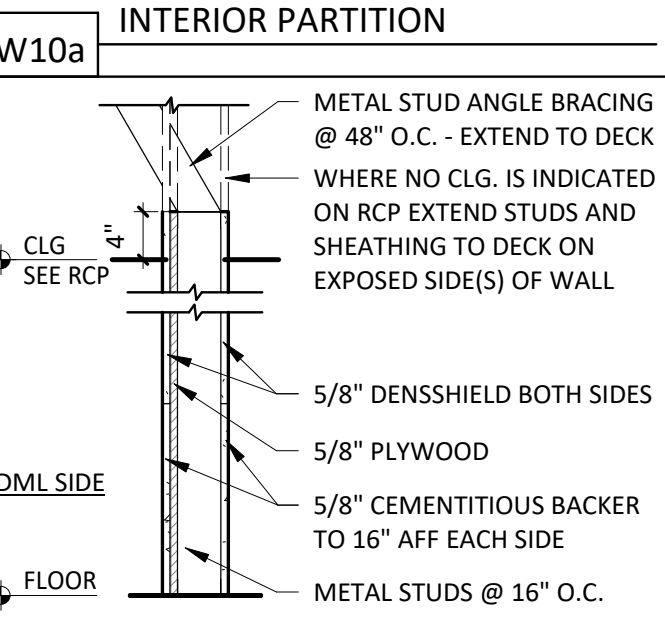
W5
INTERIOR PARTITION



W5a
INTERIOR PARTITION



W10a
INTERIOR PARTITION



W23
INTERIOR PARTITION

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Professional Seal

I, Michael R. Mason, hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional Architect under the laws of the Commonwealth of Virginia.

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Spotsylvania, VA 22533

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01/22/2024 ISSUE FOR ILL REVIEW
02/01/2024 ISSUE FOR PERMIT
08/27/2024 ISSUE FOR CONSTRUCTION

Revisions:

Drawn: BJO Checked: MRM

Project No. 1564

Contents:

ARCHITECTURAL
WALL TYPES

A501



DOOR SCHEDULE

AG	ROOM	DOOR STATUS *	FRAME STATUS	DOOR DESCRIPTION	DOOR WIDTH	HEIGHT	THICKNESS	DOOR DOOR TYPE	DOOR FINISH	FRAME FRAME TYPE	MATERIAL	STILE	HARDWARE SET	HARDWARE STATUS*	FIRE RATING	REMARKS
	MAIN ENTRY	EXISTING	EXISTING	DOUBLE STOREFRONT (WIDE STILE, WOOD PULL, PANIC)	6' - 0"	7' - 10"	0' - 1 3/4"	A	SEE A301	STOREFRONT	ALUM	WIDE (5")	1B	EXISTING		1,2,4,5
	DINING	EXISTING	EXISTING	SINGLE STOREFRONT (WIDE STILE, WOOD PULL, PANIC)	3' - 7 1/2"	7' - 9 1/2"	0' - 1 3/4"	A	SEE A301	STOREFRONT	ALUM	WIDE (5")	2C	EXISTING		1,3,4,5
	KITCHEN	EXISTING	EXISTING	HM REAR KITCHEN (MASONRY)	3' - 6"	7' - 2"	0' - 1 3/4"	D	D1/D2 (SEE A120)	2	H.M.	-	3	EXISTING		1,4,6
	OFFICE	NEW	NEW	MANAGER'S OFFICE	3' - 6"	7' - 0"	0' - 1 3/4"	C	D1 (SEE A120)	1	H.M.	-	4	NEW		
	UNISEX 1	NEW	NEW	UNISEX - 1 RESTROOM (SINGLE-OCCUPANT, STANDARD)	3' - 0"	7' - 0"	0' - 1 3/4"	B	D1 (SEE A120)	1	H.M.	-	5	NEW		
	UNISEX 2	NEW	NEW	UNISEX - 2 RESTROOM (SINGLE-OCCUPANT, STANDARD)	3' - 0"	7' - 0"	0' - 1 3/4"	B	D1 (SEE A120)	1	H.M.	-	6	NEW		

1.	DOORS WITH REMARK #1 TO BE KEYPED THE SAME
2.	EXIT INDICATOR ARRIVES WITH SIGNS STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" AND "THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED". VERIFY REQUIRED SIGN WORDING WITH LOCAL JURISDICTION PRIOR TO INSTALLATION. ONE SIGN IS TO BE PLACED IN A VISIBLE LOCATION ABOVE THE DOORS.
3.	THERE IS TO BE NO EXTERIOR HOLE OR CYLINDER
4.	USE NON-SHRINK STRUCTURAL GROUT BED UNDER THRESHOLD
5.	BLACK DOOR SWEEP TO BE USED WITH CHARCOAL, BLACK OR BRONZE STOREFRONT. LIGHT GRAY DOOR SWEEP TO BE USED WITH CLEAR ANODIZED ALUMINUM STOREFRONT
6.	REAR KITCHEN DOOR TO BE PAINTED 'BLACK' ON INTERIOR AND 'KNIGHT'S ARMOR' ON EXTERIOR U.N.O.
*IF STATUS IS "EXISTING" G.C TO DETERMINE CONDITION OF EXISTING HARDWARE. IF HARDWARE IS IN POOR CONDITION, PROVIDE HARDWARE IN HARDWARE SCHEDULE. CONFIRM REPLACEMENT WITH CHIPOTLE CM.	

HARDWARE SETS

SET 1B - MAIN ENTRY - PAIR - WOOD PULL - PANIC HARDWARE (PROVIDED BY LANDLORD, V.I.F.)	
(2)	HINGE HAGER, MODEL 780-224HD-83*-CLR
(1)	MORTISE CYLINDER SCHLAGE, MODEL 80-103, BRUSHED CHROME; C.O. CYLINDER AT 34" MIN. FROM BOTTOM OF DOOR
(1)	TEMP CORE SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME)
(2)	PUSH HARDWARE ADAMS RITE, MODEL 8611-36 (ALUMINUM FINISH, 36" DOOR); C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR
(2)	PULL HARDWARE 1 1/2" DIAMETER WOOD PULL, VARIES HIGH - PROVIDED BY MILLWORK SUPPLIER. MOUNT TOP OF PULLS FLUSH WITH TOP OF GLAZING STOP IN DOOR, RE: SHOP DRAWINGS
(2)	CLOSER DORMA, MODEL 8916-AP89-689 (TOP JAMB), (ALUMINUM)
(2)	DOOR STOP IVES, MODEL F3185 (ALUMINUM)
(2)	OVERHEAD STOP GLYNN-JOHNSON, MODEL GL450 4545-SP28B (ALUMINUM)
(2)	CLOSER BACK PLATE DORMA, MODEL BP89, ALUMINUM
(1)	THRESHOLD REESE, MODEL 5424A-72 (SIZE 72")
(2)	SMOKE SEAL PEMCO, MODEL 7978-21
(2)	DOOR SWEEP PEMKO, MODEL SF5C-200-36 (36" DOOR), OWNER FURNISHED

SET 2C - ENTRY - SINGLE - PANIC HARDWARE (PROVIDED BY LANDLORD, V.I.F.)	
(1) HINGE	HAGER, MODEL 780-224HD-83"-CLR
(1) PUSH HARDWARE	ADAMS RITE, MODEL 8801-36-628 (ALUMINUM FINISH, 36" DOOR); C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR
(1) PULL HARDWARE	N/A
(1) CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUM)
(1) DCG STOP	IVES, MODEL FS185 (ALUMINUM)
(1) OVERHEAD STOP	GLYN-JOHNSON, MODEL 4545-U532D (ALUMINUM)
(1) CLOSER BACK PLATE	DORMA, MODEL BP89, ALUMINUM
(1) THRESHOLD	REESE, MODEL 5424A-36 (SIZE 36")
(1) SMOKE SEAL	REESE, MODEL 7978-21
(1) DOOR SWEEP	PEMKO, MODEL SF5C-200-36 (36" DOOR), OWNER FURNISHED

SET 3 - REAR EXIT - SINGLE (PROVIDED BY LANDLORD, V.I.F.)		
(1)	HINGE	HAGER, MODEL 780-224HD-83"-CLR
(1)	PUSH HARDWARE	FALCON, MODEL 25-R-EO-4"-US28 (SIZE 42")
(1)	PULL HARDWARE	FALCON, MODEL 510L-DANE-LHR-US26D, ALUMINUM (EXTERIOR SIDE)
(1)	RIM CYLINDER	GLS, MODEL RCIC-7-LZ-626
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME)
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), ALUMINUM
(1)	CLOSER BACK PLATE	DORMA, MODEL 8989, ALUMINUM
(1)	THRESHOLD	REESE, MODEL 5239A-42, (SIZE 42")
(1)	WEATHERSTRIP	REESE, MODEL D575C-400
(1)	DOOR SWEEP	PEMKO, MODEL SF5C-2072 (42" DOOR) (BLACK) OWNER FURNISHED
(1)	DOOR VIEWER	IVES, MODEL U698B25D, C.O. VIEWER AT 60" FROM BOTTOM OF DOOR
(1)	DOOR SILENCERS	IVES, MODEL SR64
(1)	DOOR BUZZER	TRINE, MODEL 240
(1)	KICKPLATE	HIAWATHA, MODEL KP834-US32D

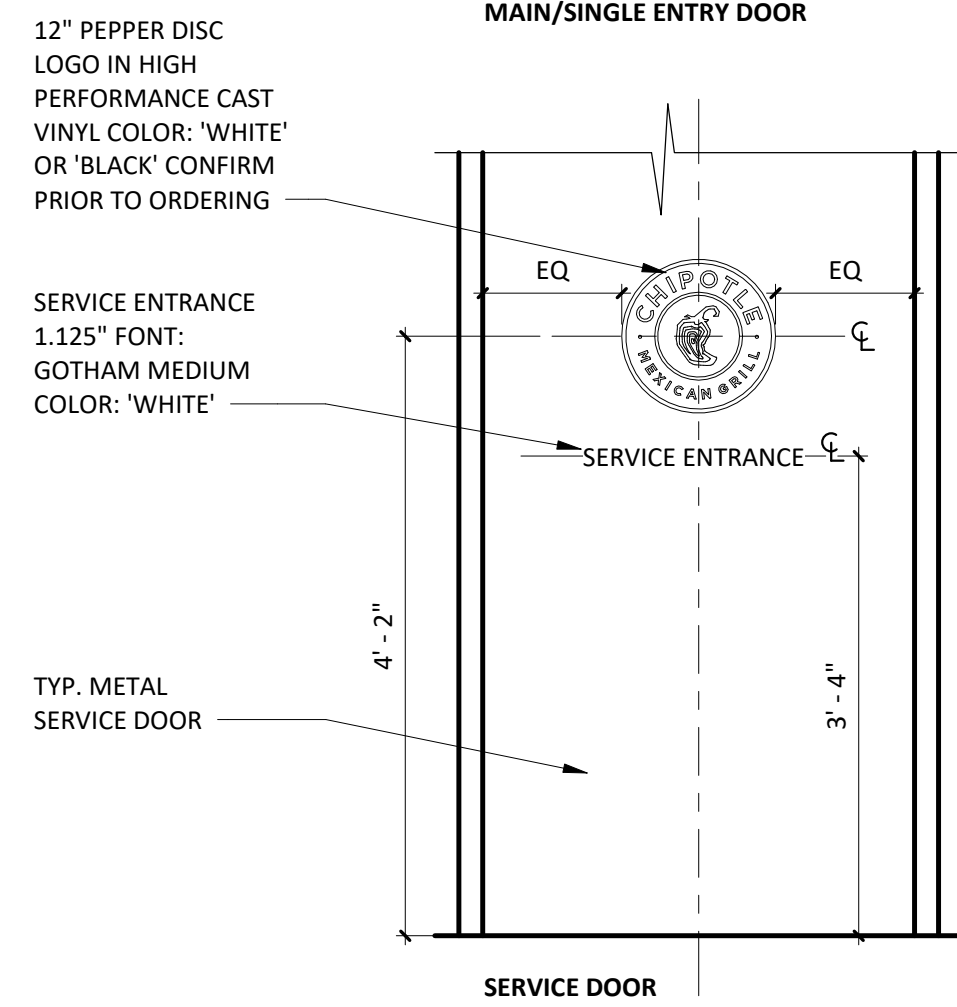
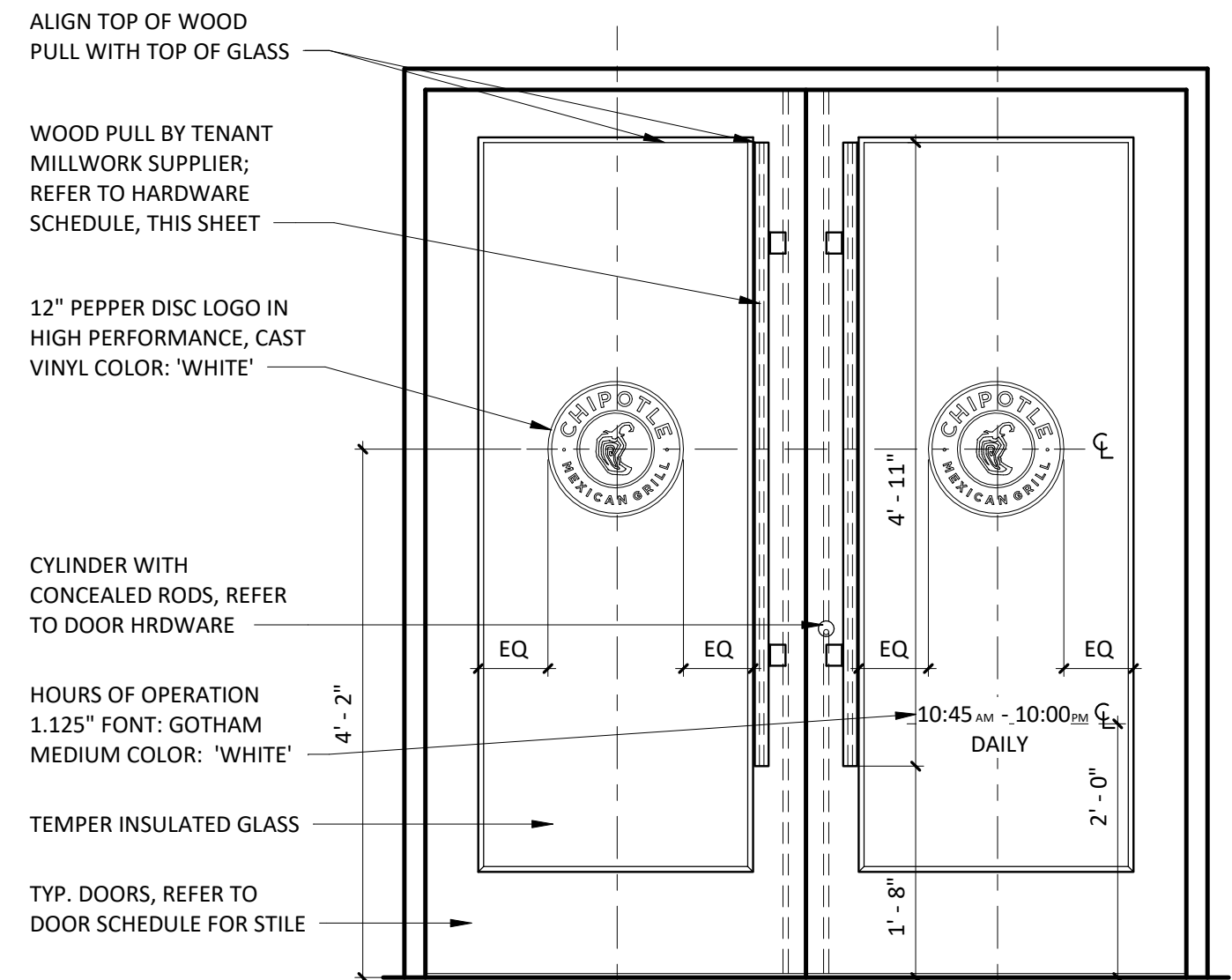
SET 4 - MANAGER'S OFFICE		
(3)	HINGE	STANLEY, MODEL FB8179-4.5-US26 (06-8438)
(1)	LOCKSET	SCHLAGE, MODEL L9453L-06A-626
(1)	TEMP CORE	SCHLAGE, MODEL 80-0035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME)
(1)	KICKPLATE	HIAWATHA, MODEL KP834-32D
(1)	DOOR STOP	DON-JO, MODEL P407-630, STAINLESS STEEL
(3)	DOOR SILENCERS	IVES, MODEL SR64
(1)	SECURITY WINDOW	AIR LOUVERS, MODEL VSL1212TEMPPAK SLIMLINE 12" x 12" x 1/4" LITE KIT (10" x 10" GLASS VISIBLE)

SET 5 - UNISEX - 1 RESTROOM - SINGLE OCCUPANT - STANDARD		
(3)	HINGE	STANLEY, MODEL FB8179-4.5-US26 (06-8438)
(1)	CLOSER	FALCON, MODEL: SC61xRW/PaxALU
(1)	LOCKSET	SCHLAGE, MODEL AL40S-NEP-626
(1)	DOOR STOP	DON-JO, 1407-630
(3)	DOOR SILENCERS	IVES, MODEL SR64
(2)	KICKPLATE	HIAWATHA, MODEL KP834-32D
(1)	COAT HOOK	MILLS, MODEL FT6519, SUPPLIED BY WASHROOM ACCESSORIES VENDOR, MOUNT T.O. HOOK AT 47 1/2" AFF

SET 6 - UNISEX - 2 RESTROOM - SINGLE OCCUPANT - STANDARD	
(3) HINGE	STANLEY, MODEL FB8179-4.5-US26 (06-8438)
(1) CLOSER	FALCON, MODEL: SC61xRW/PAXALU
(1) LOCKSET	SCHLAGE, MODEL AL40S-NEP-626
(1) DOOR STOP	DON-JO, 1407-630
(3) DOOR SILENCERS	IVES, MODEL SR64
(2) KICKPLATE	HIAWATHA, MODEL KP834-32D
(1) COAT HOOK	MILLS, MODEL FT6519, SUPPLIED BY WASHROOM ACCESSORIES VENDOR, MOUNT T.O. HOOK AT 47 1/2" AFF

REMARK NOTES

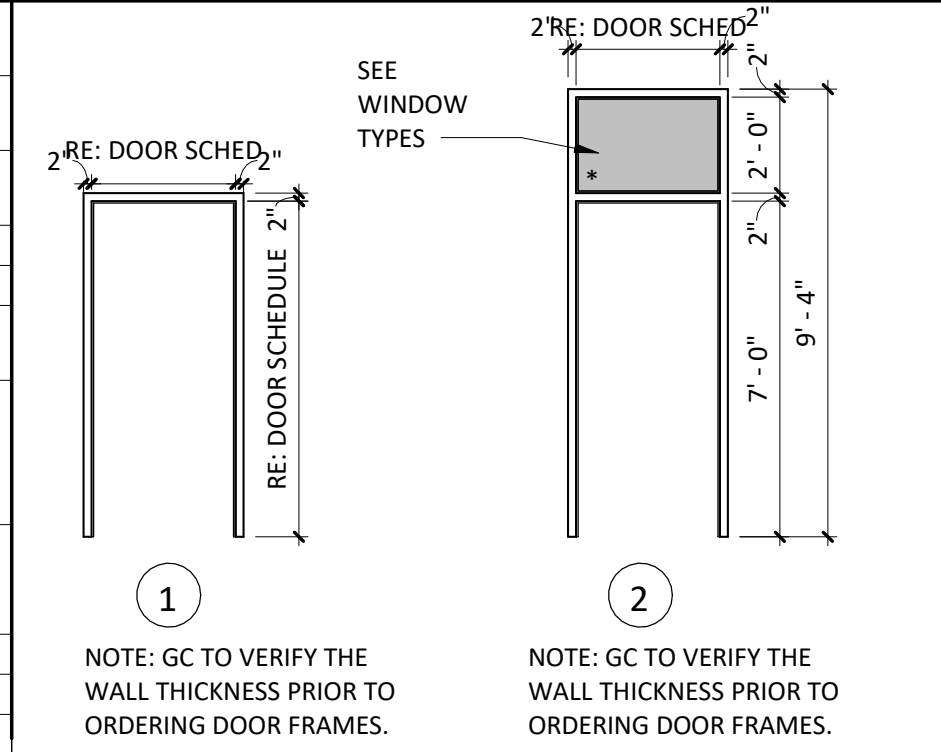
TYPICAL EXTERIOR DOOR TYPES



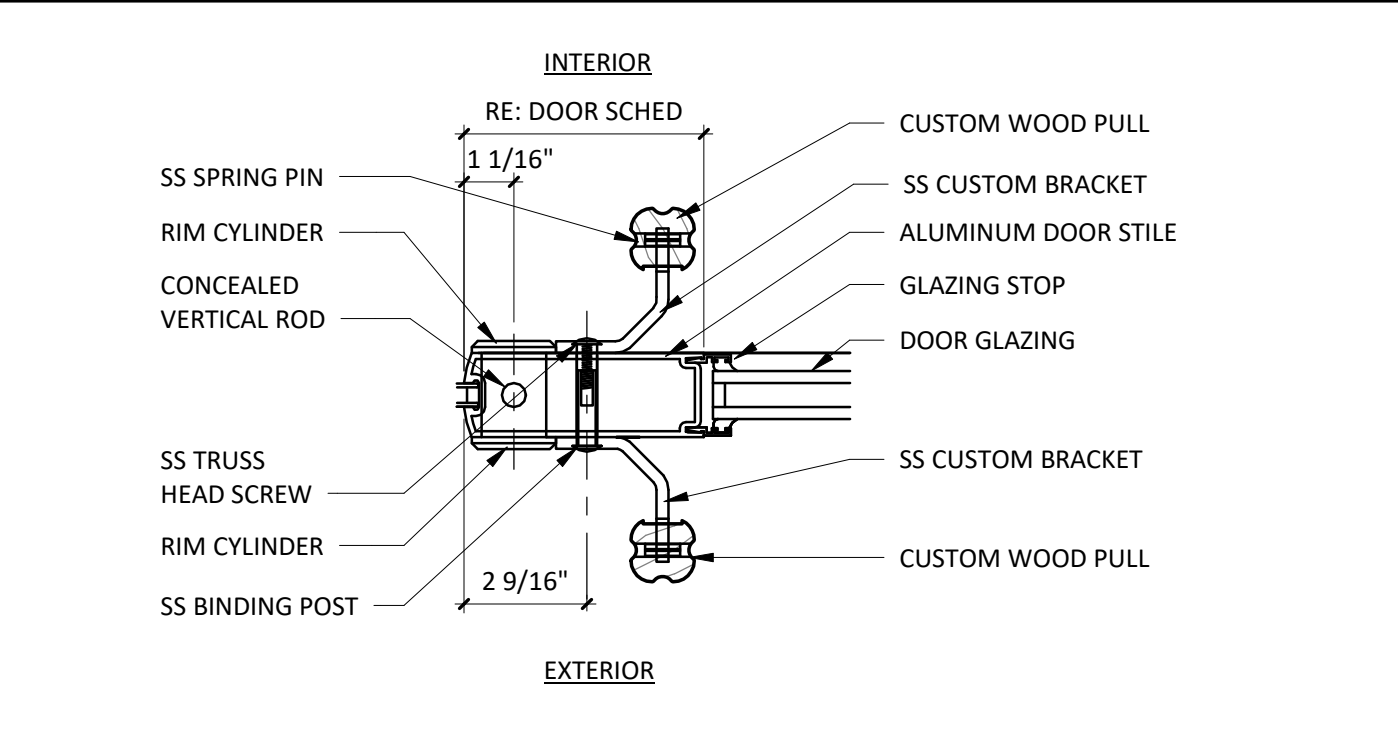
DOOR NOTES

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 DPFA 101 PER THE SPECIFICATIONS.
3. THE MANAGER HAS A KEY TO UNLOCK RESTROOM DOORS, FROM THE OUTSIDE IN CASE OF AN EMERGENCY.
4. ALL DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS.
5. SEE THIS SHEET FOR EXTERIOR DOOR SIGNAGE INFO.
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 FRAMES, DOORS AND HARDWARE TO BE FURNISHED BY TENANT HARDWARE SUPPLIER AND INSTALLED BY TENANT G.C. CALL PETE KUMEK WITH TWIN CITY HARDWARE AT 763-535-4660 TO ARRANGE DELIVERY. STOREFRONT DOORS ARE TO BE PROVIDED BY G.C., STOREFRONT HARDWARE PROVIDED BY TENANT HARDWARE SUPPLIER.
8. THE BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
9. ALL SUPPORT SIGNAGE PROVIDED BY TENANT'S SUPPORT SIGNAGE SUPPLIER.
10. ALL SUPPORT SIGNAGE INSTALLED BY G.C.
11. ALL HARDWARE SHALL MATCH STOREFRONT, VERIFY WITH ARCHITECT PRIOR TO ORDERING

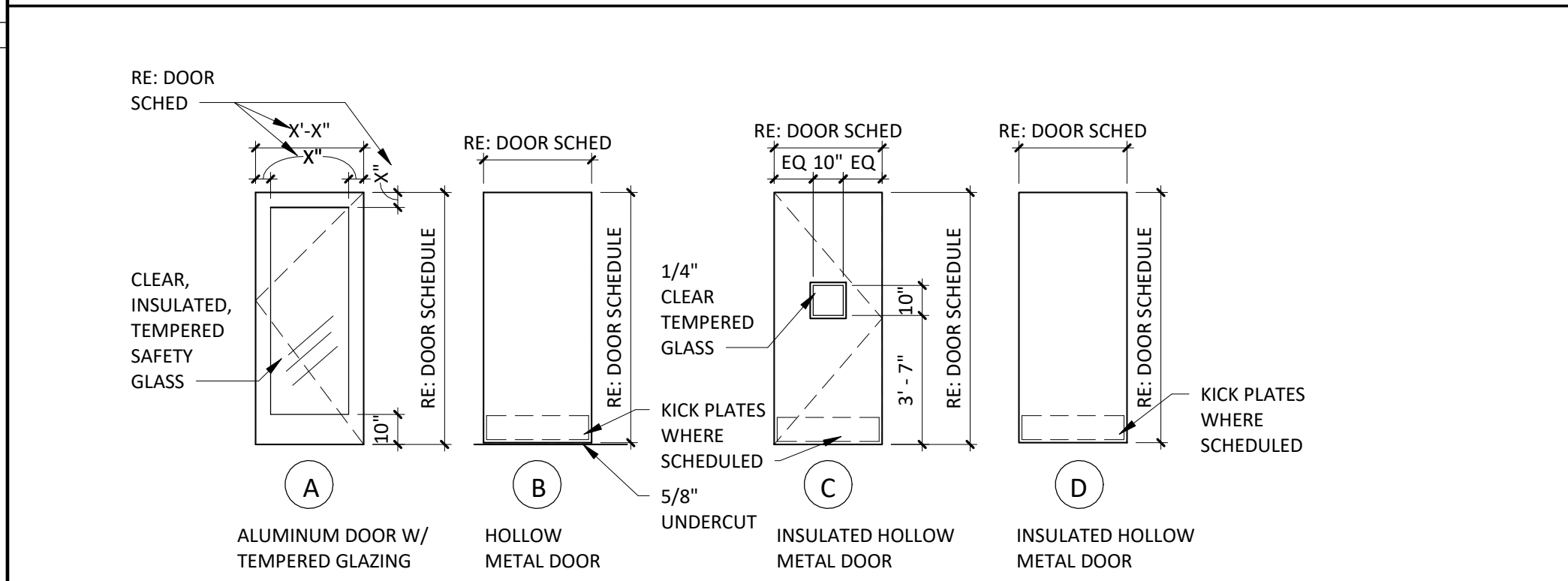
DOOR FRAMES



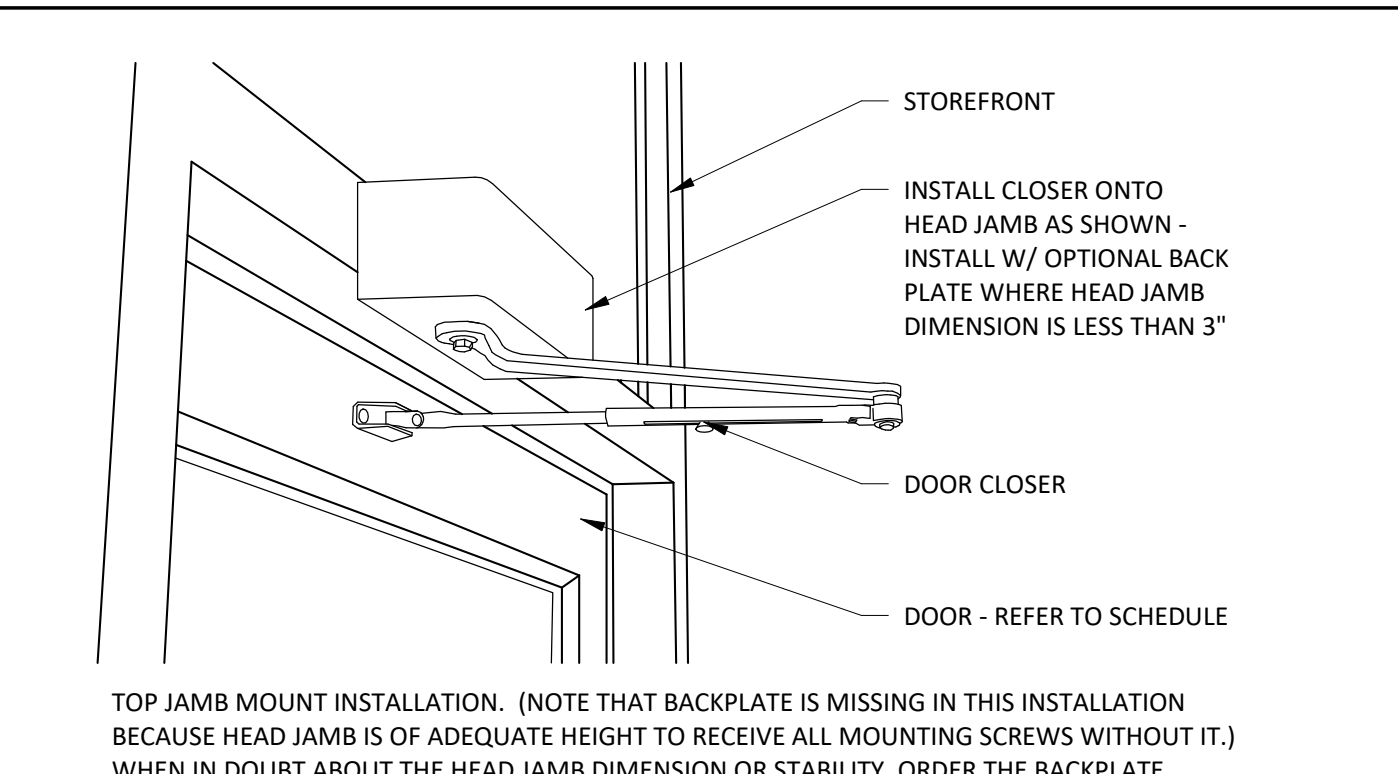
CUSTOM WOOD PULL

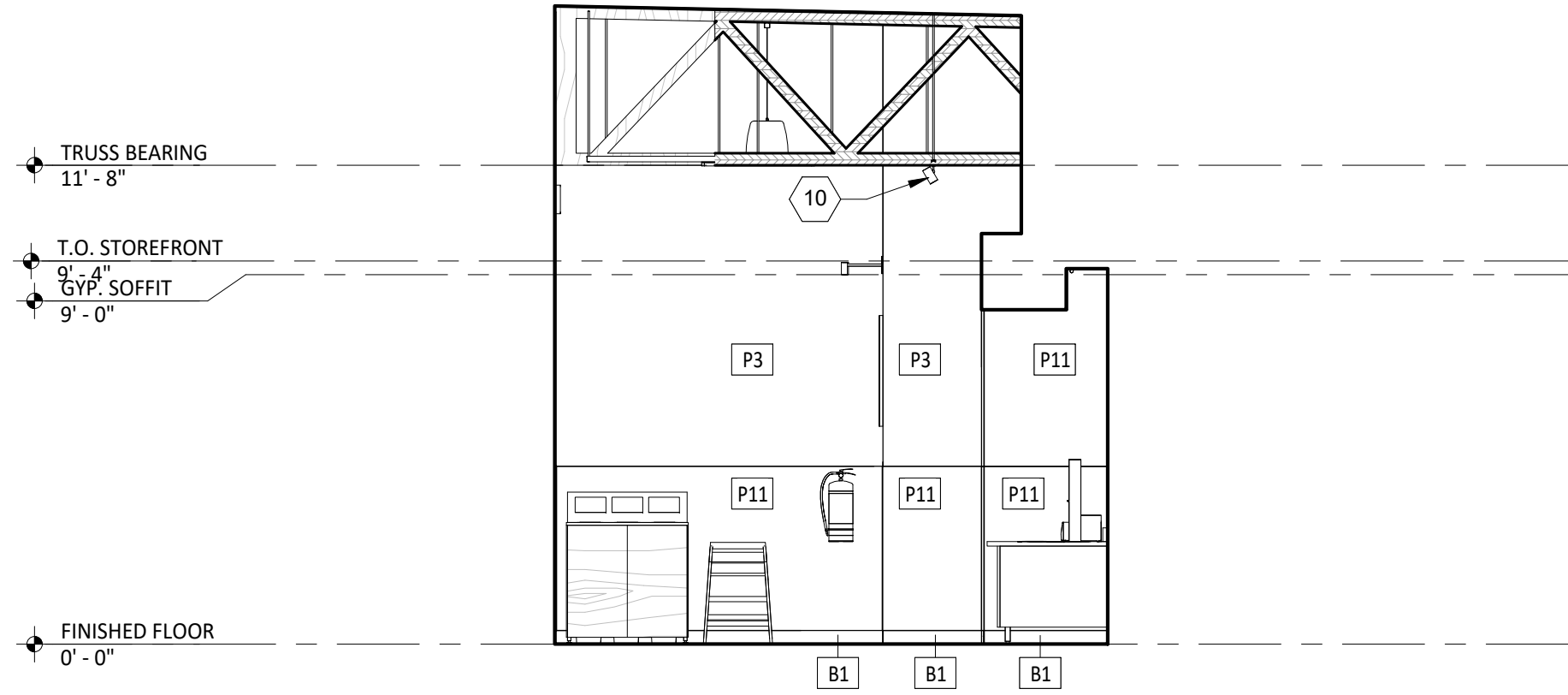


DOOR TYPES

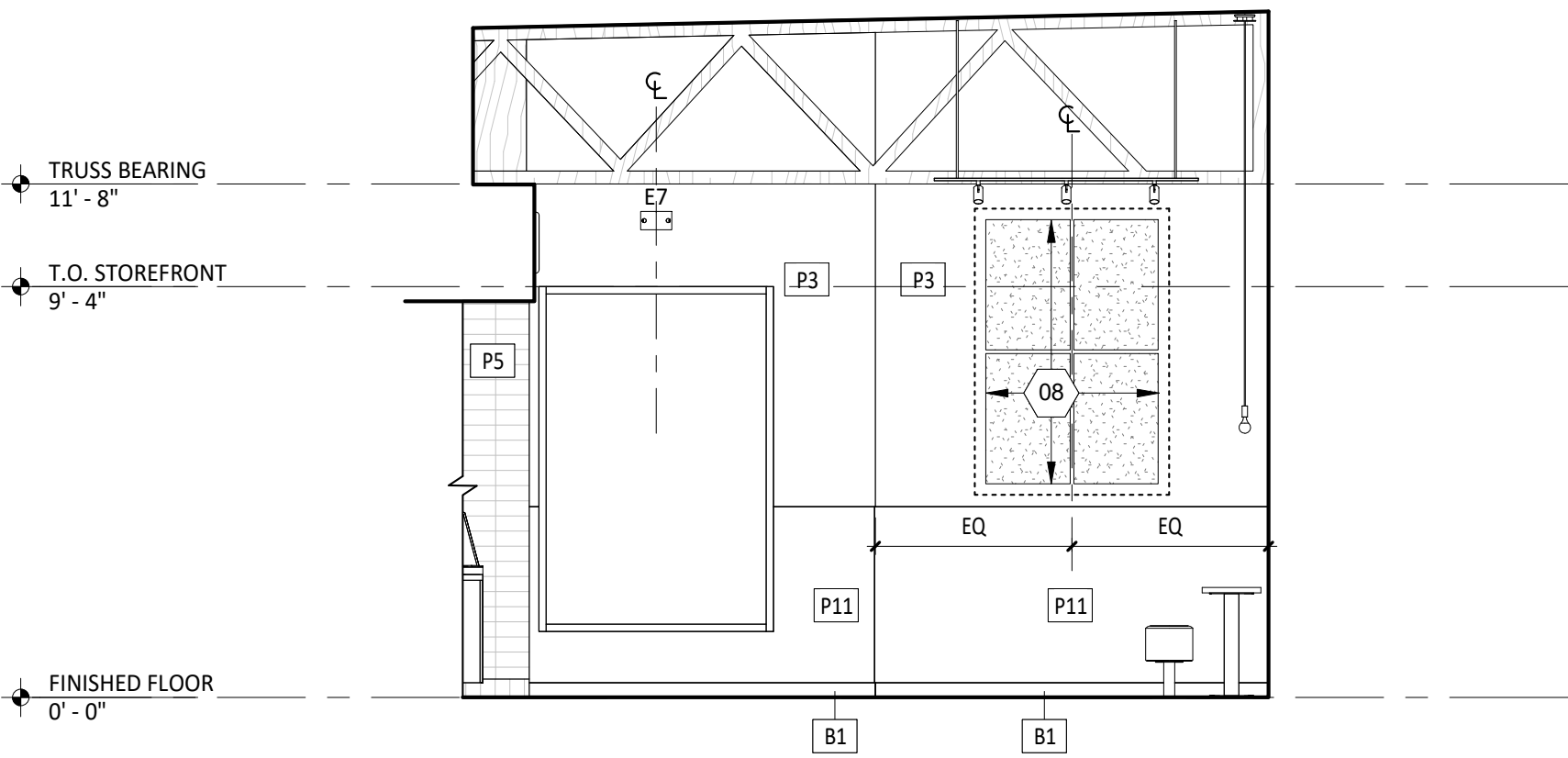


DOOR CLOSER

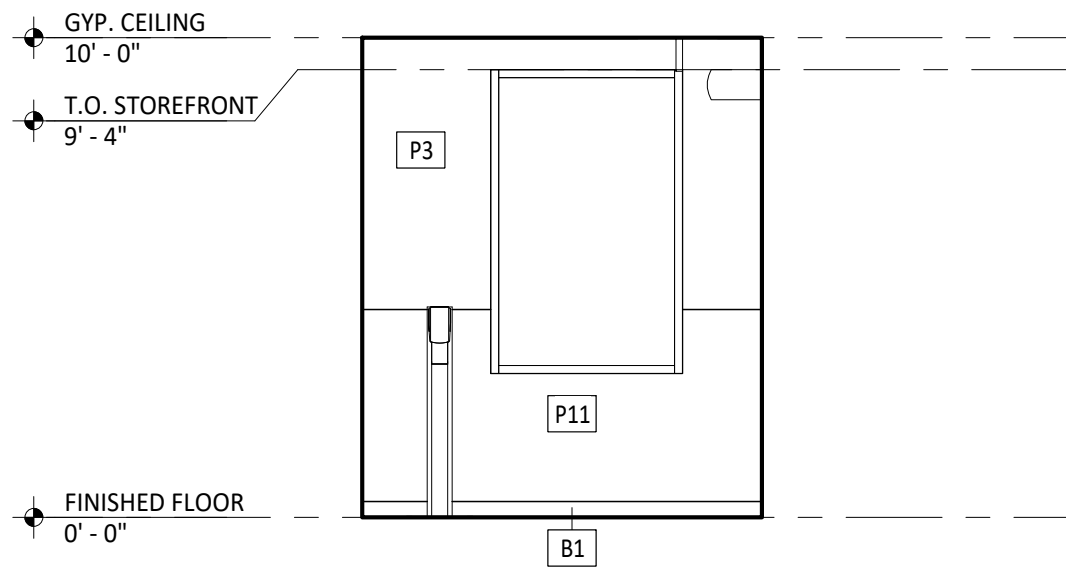




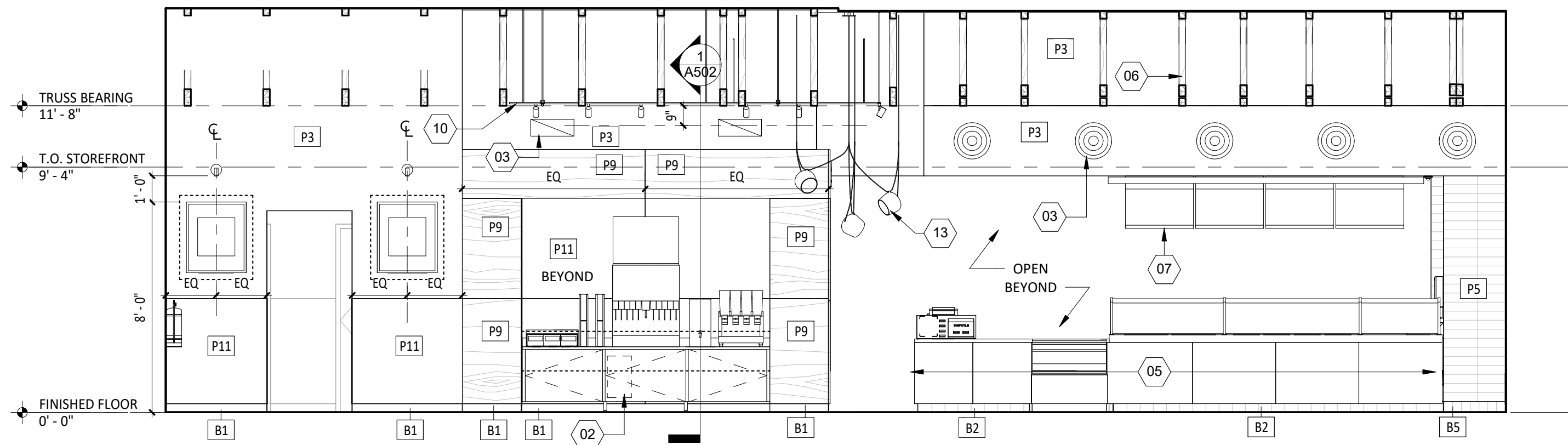
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A701
INT ELEV - DINING
1/4" = 1'-0"



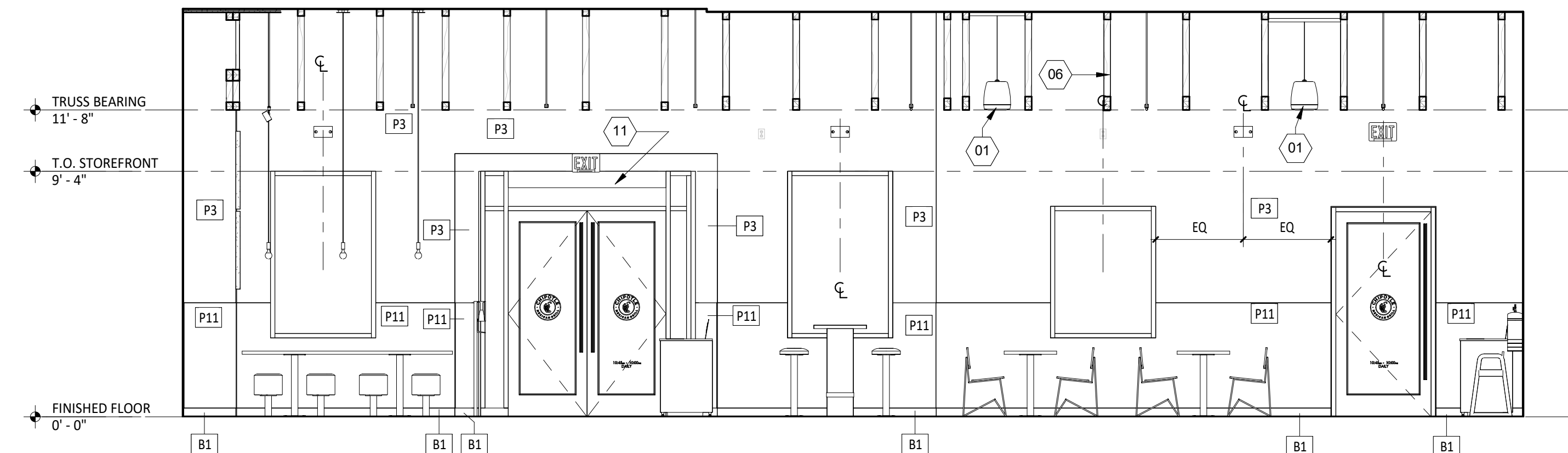
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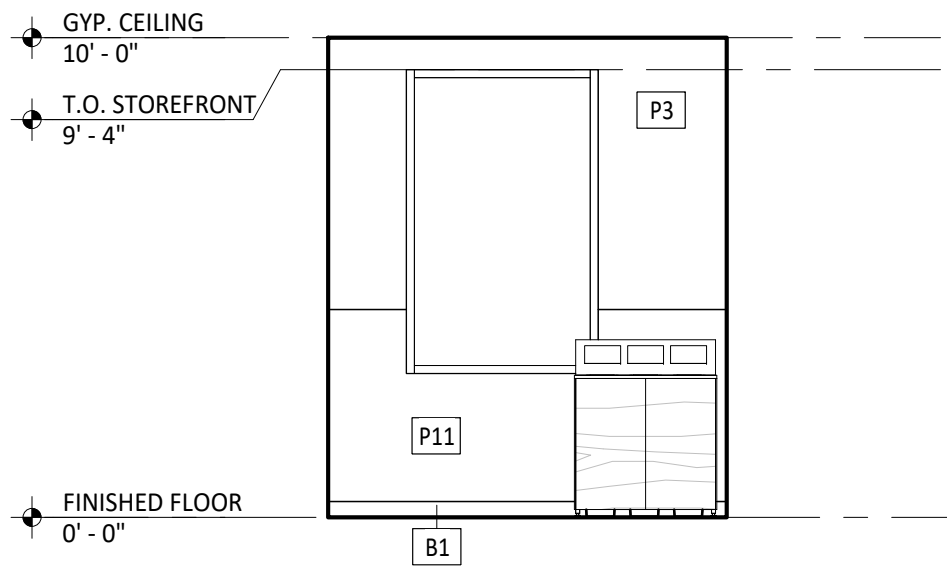
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1/4" = 1'-0"



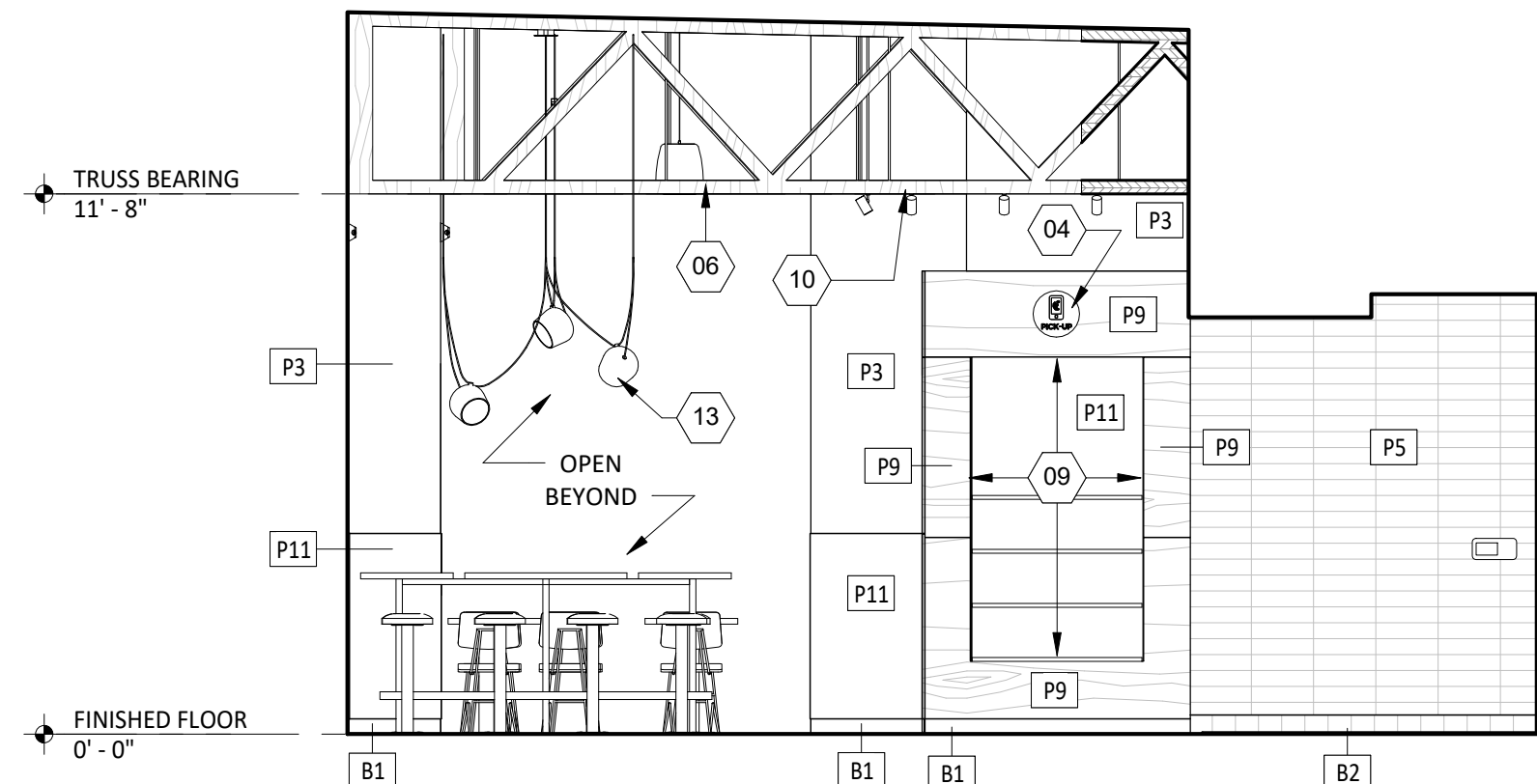
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1/4" = 1'-0"



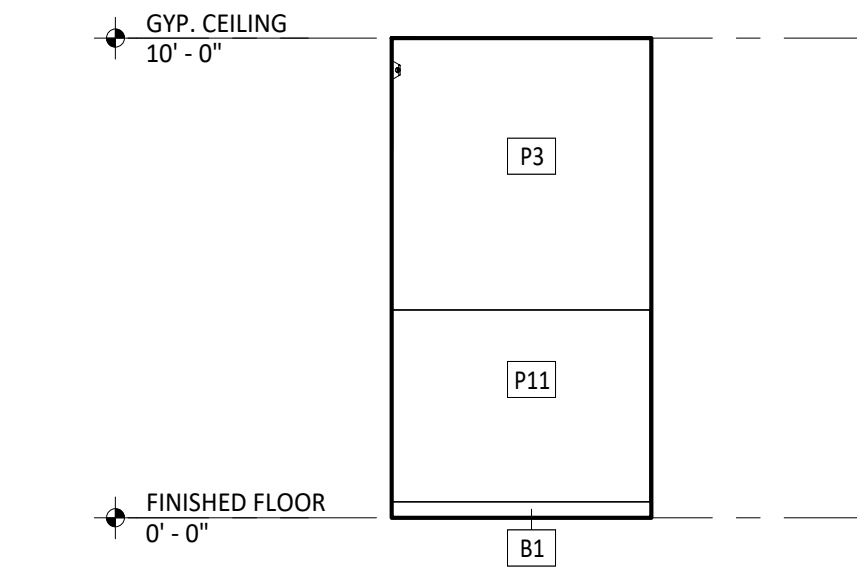
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1/4" = 1'-0"



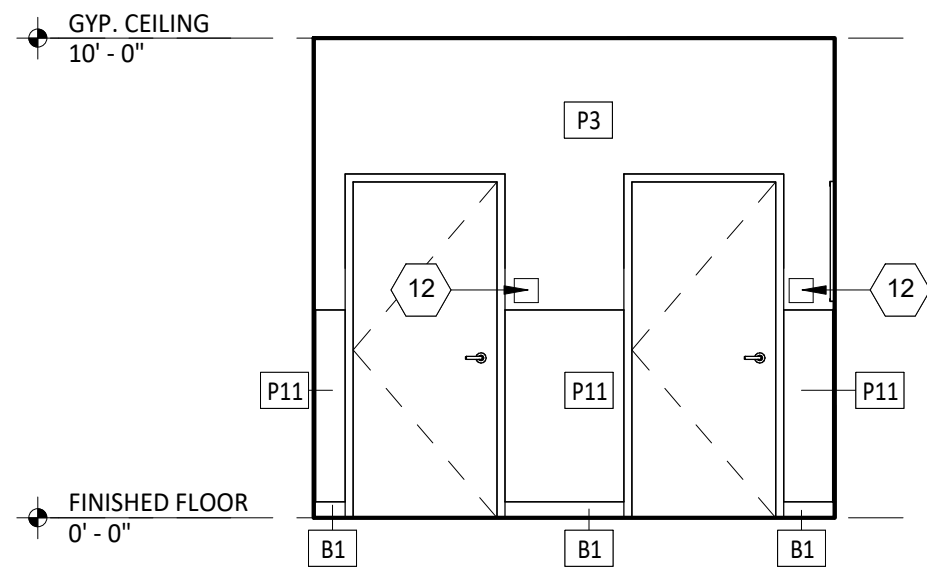
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1/4" = 1'-0"



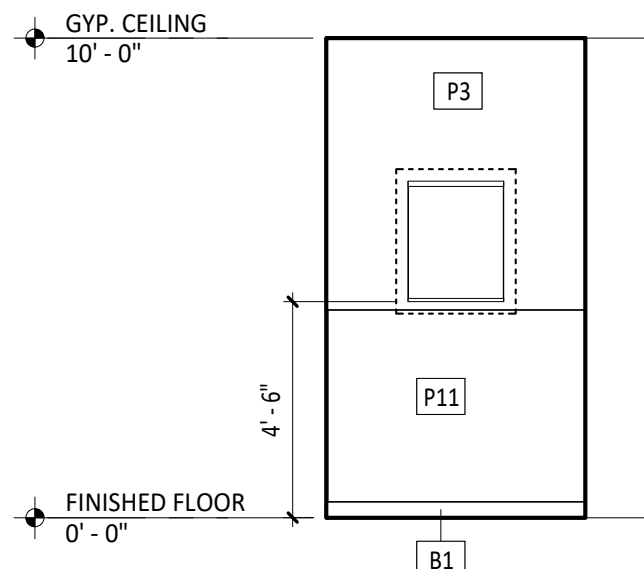
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INT ELEV - DINING
1/4" = 1'-0"



10
A701
INT ELEV - DINING
1/4" = 1'-0"



9
A701
INT ELEV - DINING
1/4" = 1'-0"



8
A701
INT ELEV @ DINING
1/4" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET A131 / A132 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
2. REFER TO A120 FOR FINISH SCHEDULE.
3. REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

ELEVATION LEGEND

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

SHEET NOTES

- 01 SUSPENDED SPEAKERS, REFER TO A210 FOR MORE INFORMATION.
- 02 SODA CHASE BEYOND, REFER TO PLUMBING DRAWINGS.
- 03 DIFFUSER, TYP. REFER TO MECHANICAL DRAWINGS.
- 04 PICK UP SIGNAGE MOUNTED ON SPALTED MAPLE PANELING.
- 05 STONEWOOD PANELS AT SERVELINE.
- 06 WOOD TRUSSES TO REMAIN UNPAINTED.
- 07 MENU PANEL SYSTEM, SEE A201.
- 08 ARTWORK PANEL, TYP OF FOUR (4).
- 09 MOPUS SHELVES. SEE A502 FOR MORE DETAILS.
- 10 TRACK LIGHTING, REFER TO A211
- 11 HEATED AIR CURTAIN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
- 12 REFER TO A710 FOR LOCATION OF RESTROOM SIGNAGE.
- 13 DECORATIVE LIGHT FIXTURE, REFER TO A211.

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01/22/2024 ISSUE FOR I.L. REVIEW
02/01/2024 ISSUE FOR PERMIT
08/27/2024 ISSUE FOR CONSTRUCTION

Revisions:

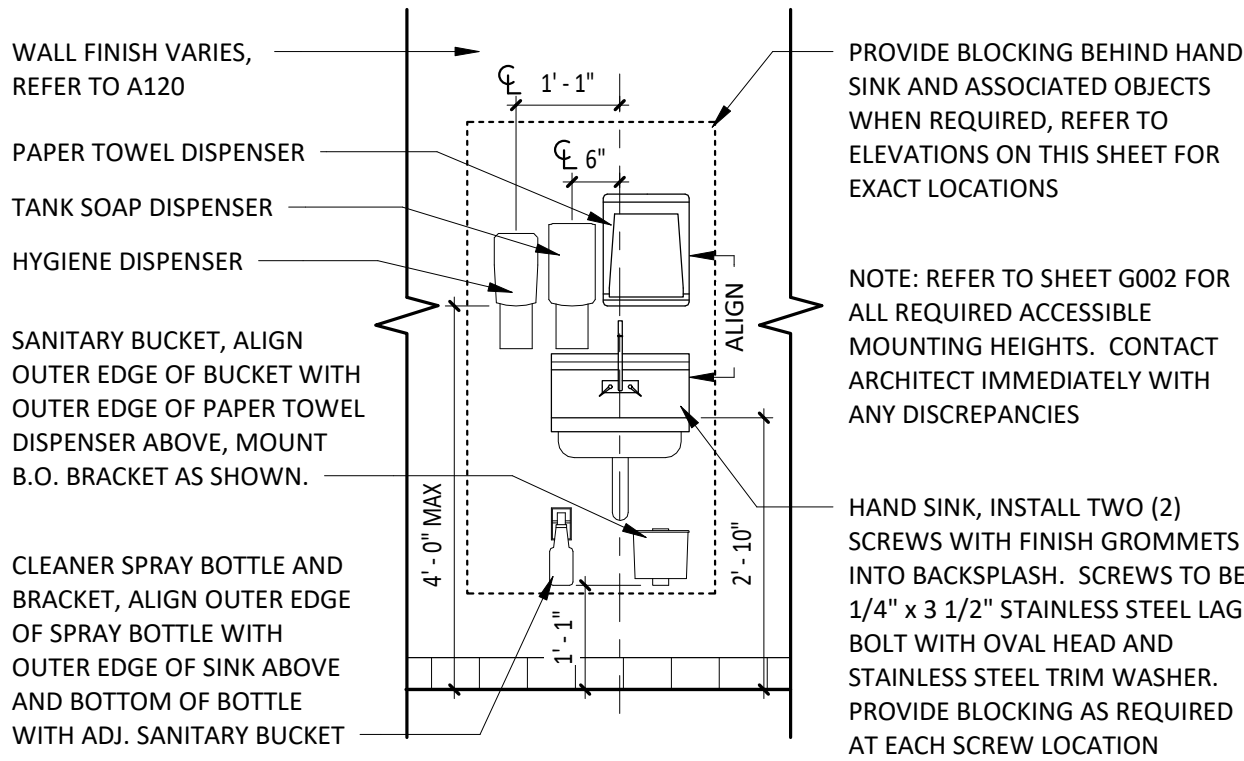
Drawn: BJO
Checked: MRM

Project No.
1564

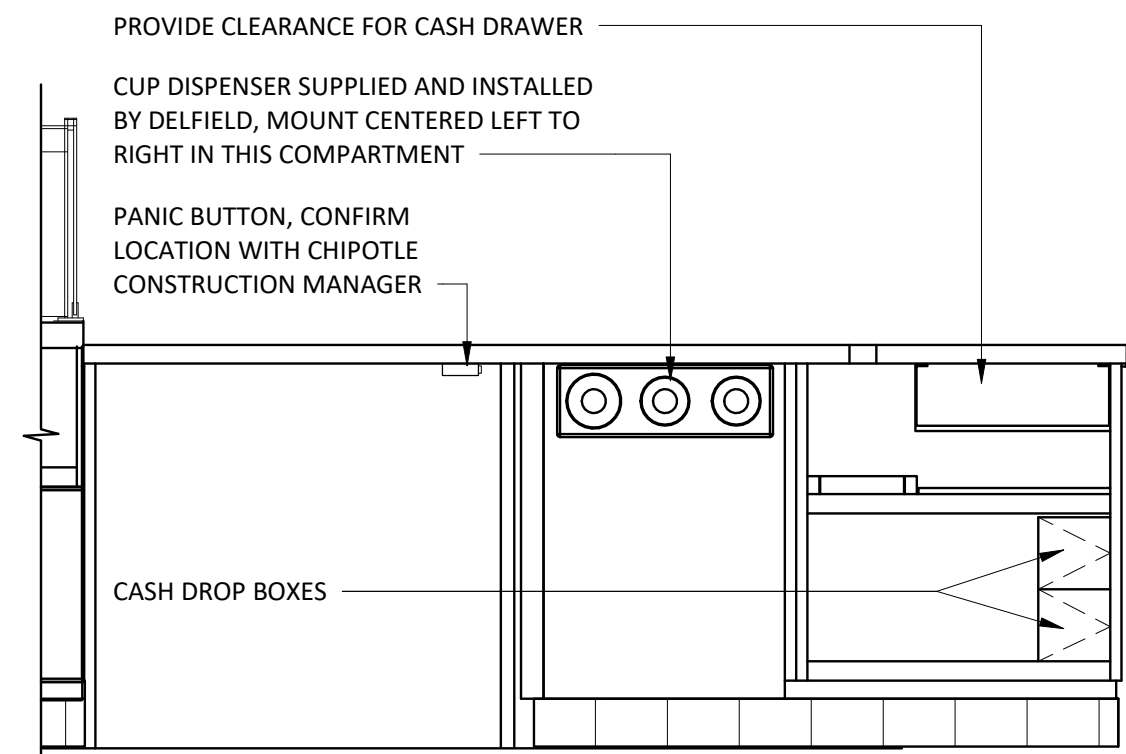
Contents:
ELEVATIONS -
INTERIOR DINING

A701

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

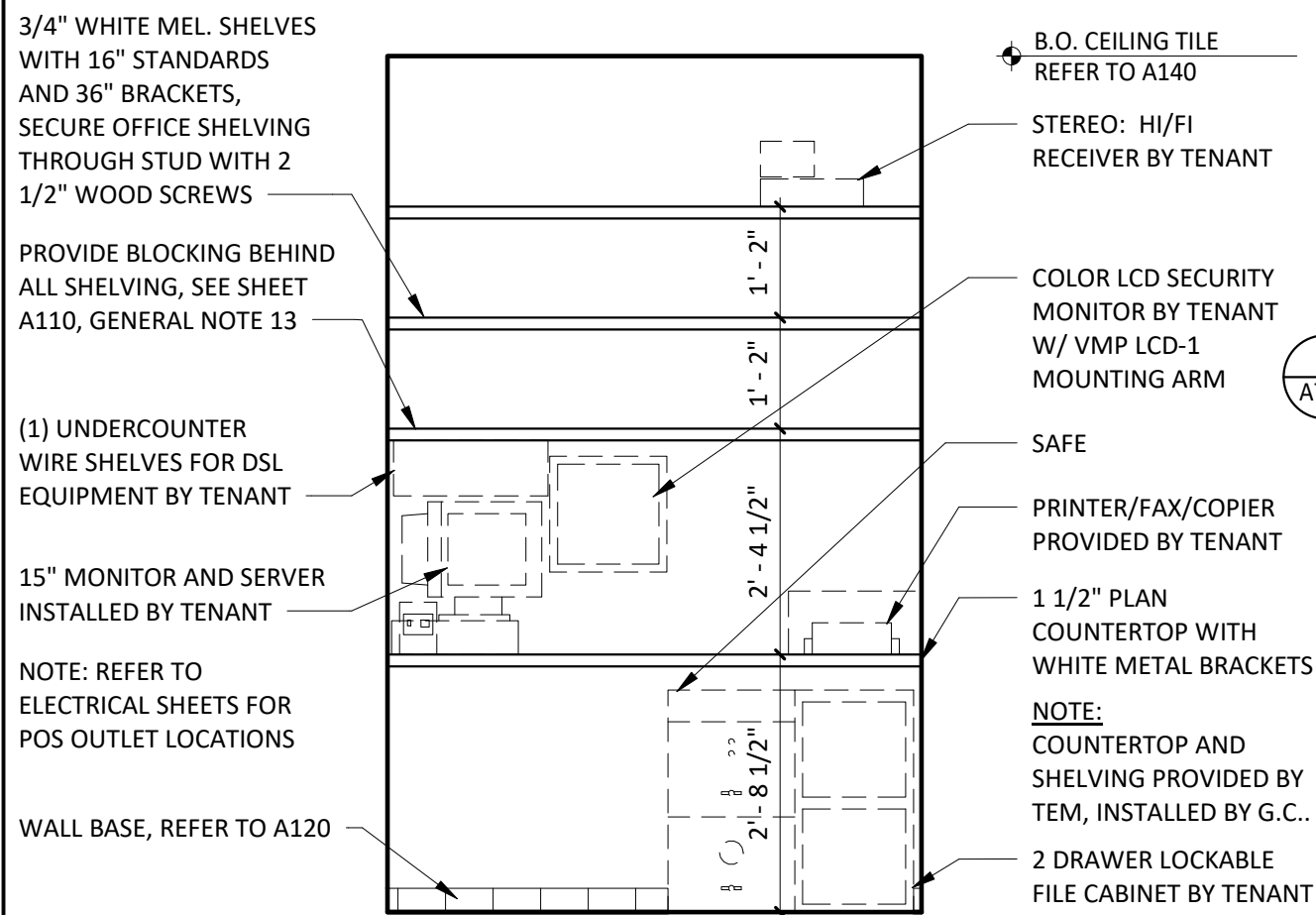


13
A702
TYP ELEV - HAND SINK
1/2" = 1'-0"

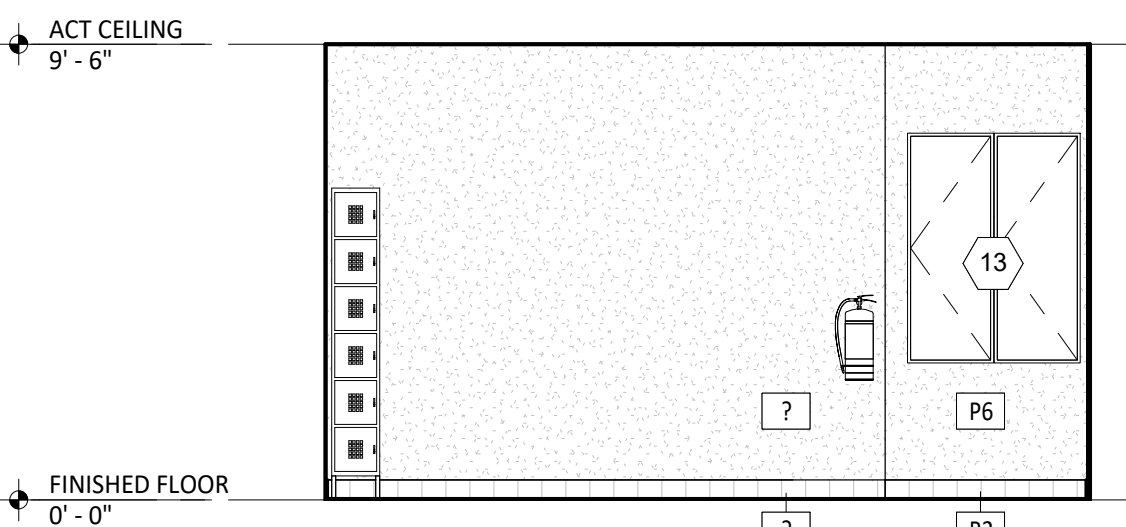


NOTE: REFER TO ELECTRICAL SHEETS FOR POS OUTLET LOCATIONS

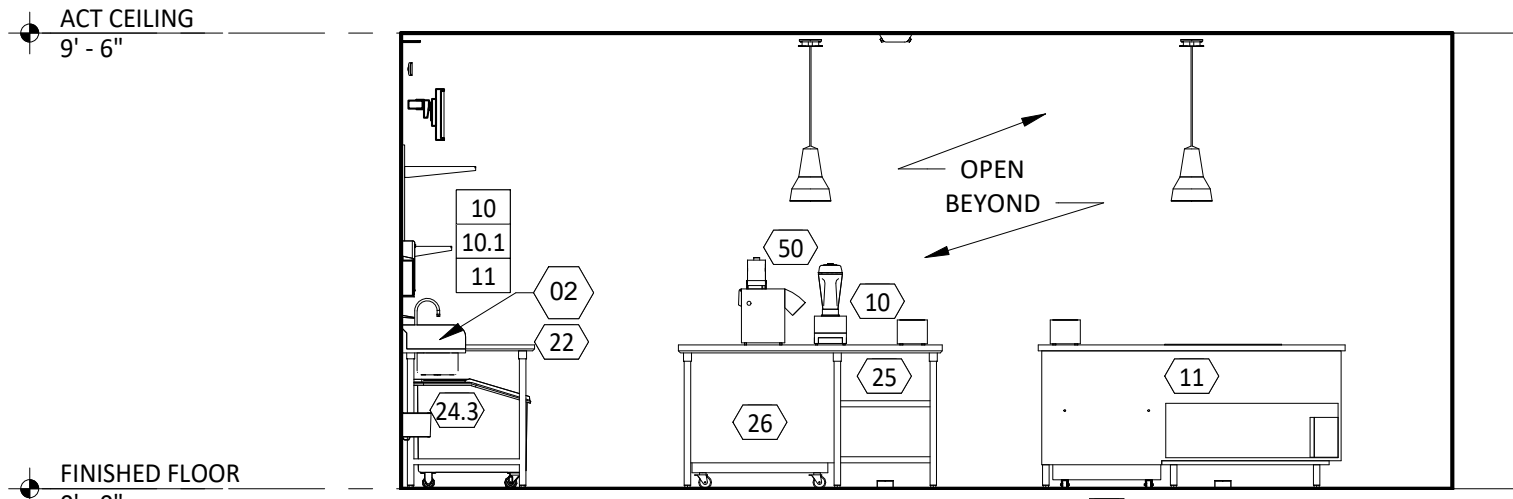
12
A702
TYP. ELEV - POS
3/4" = 1'-0"



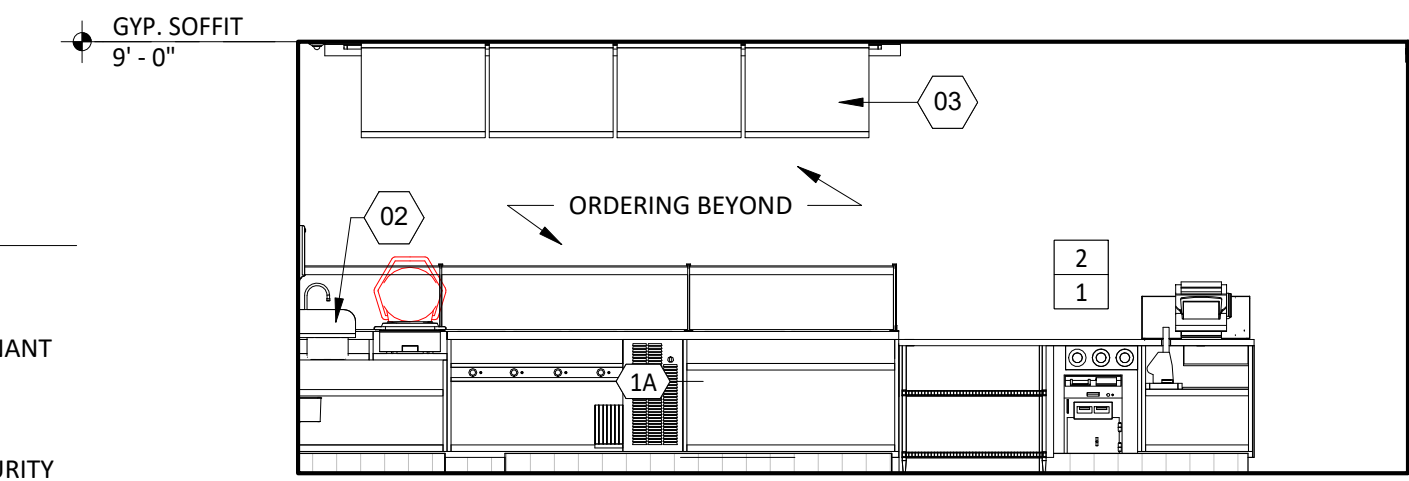
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TYP ELEV - OFFICE SHELVING
1/2" = 1'-0"



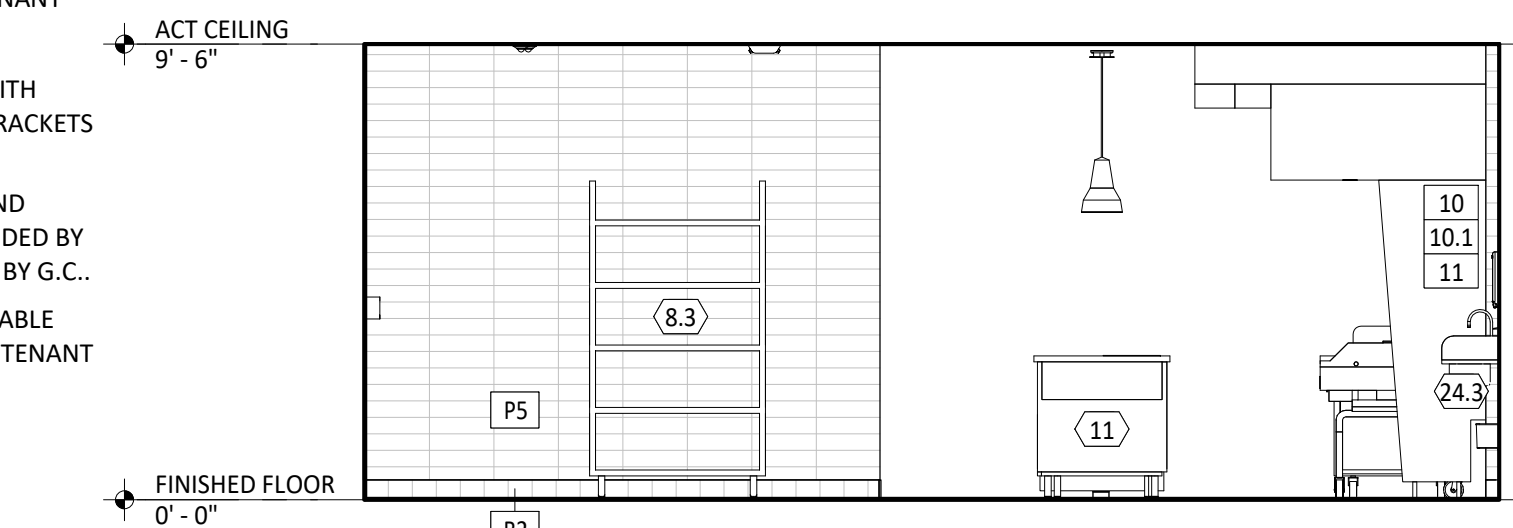
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INT ELEV - KITCHEN
1/4" = 1'-0"



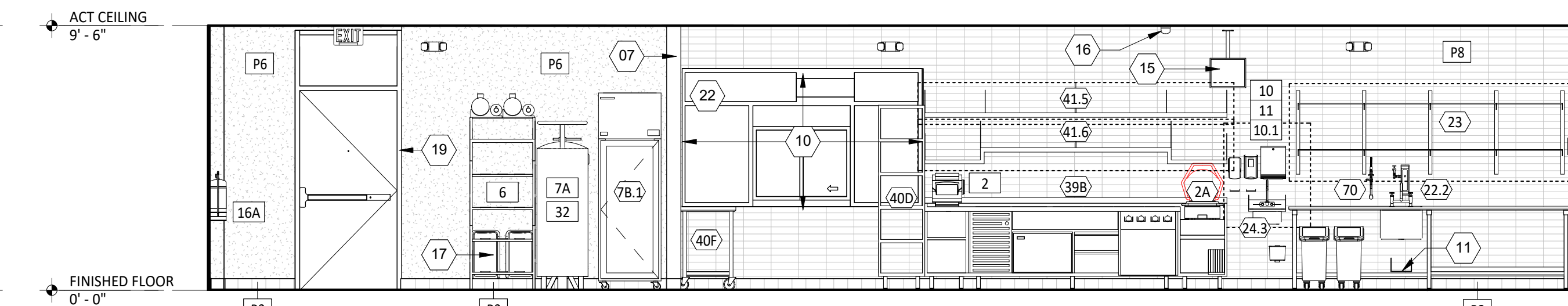
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INT ELEV - KITCHEN
1/4" = 1'-0"



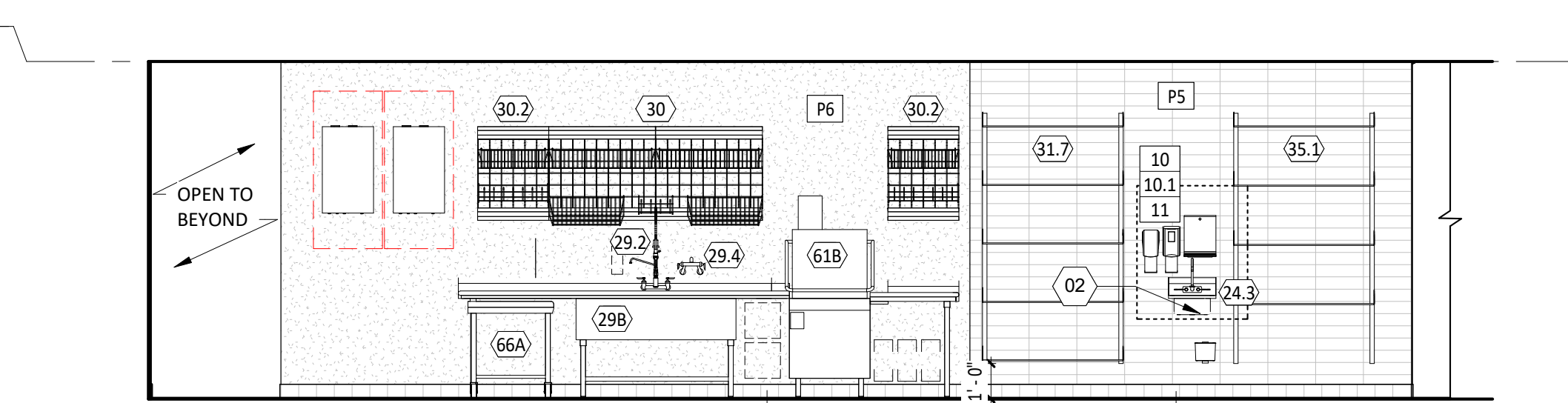
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1/4" = 1'-0"



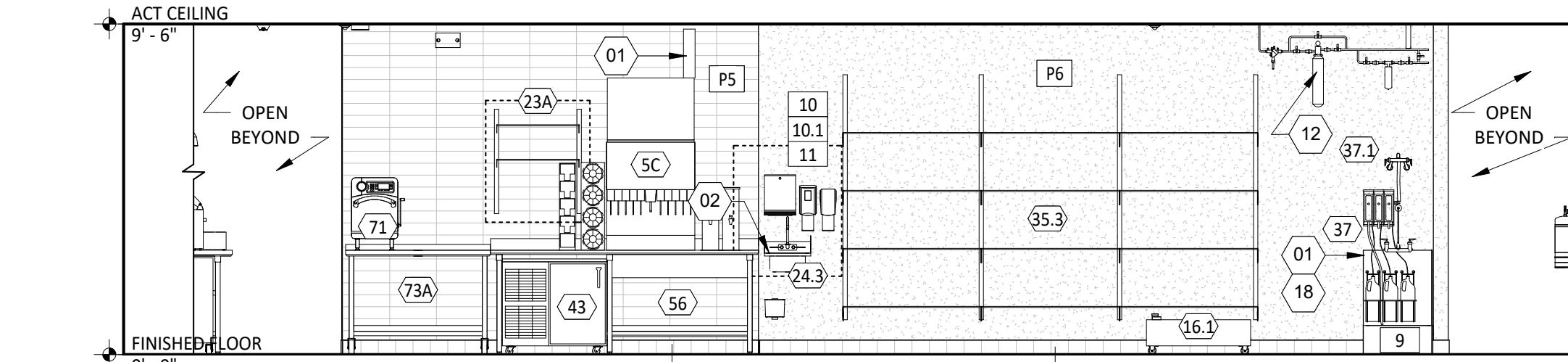
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INT ELEV - KITCHEN
1/4" = 1'-0"



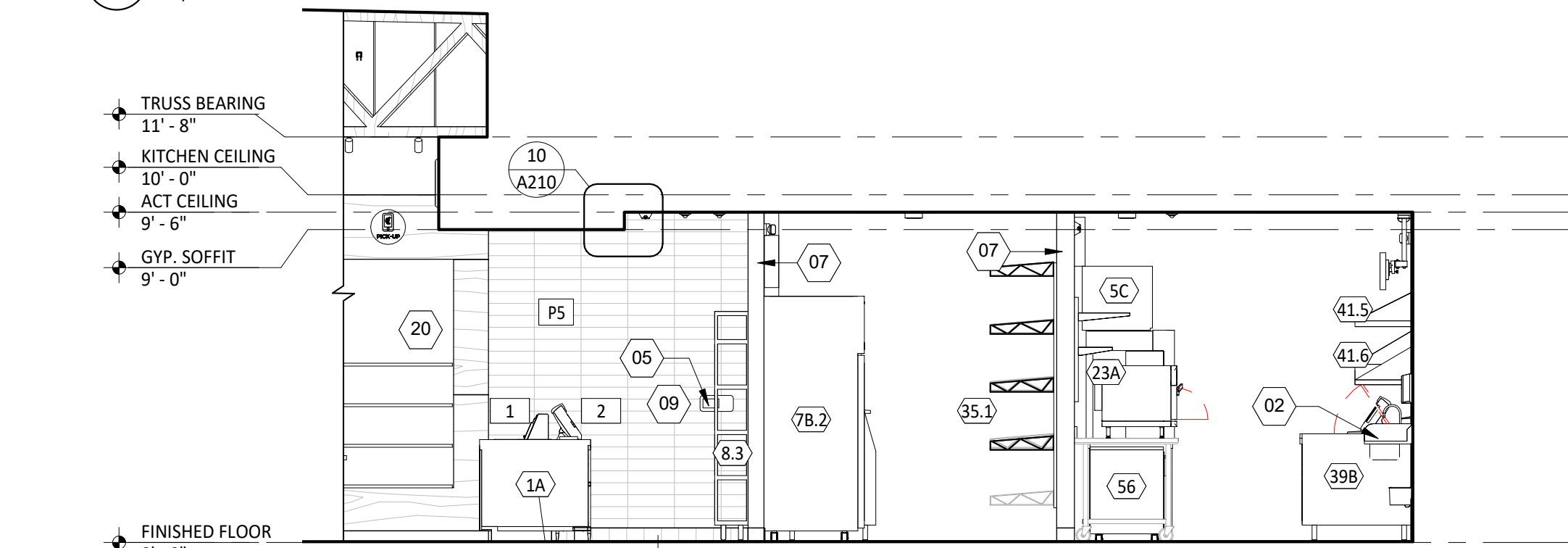
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1/4" = 1'-0"



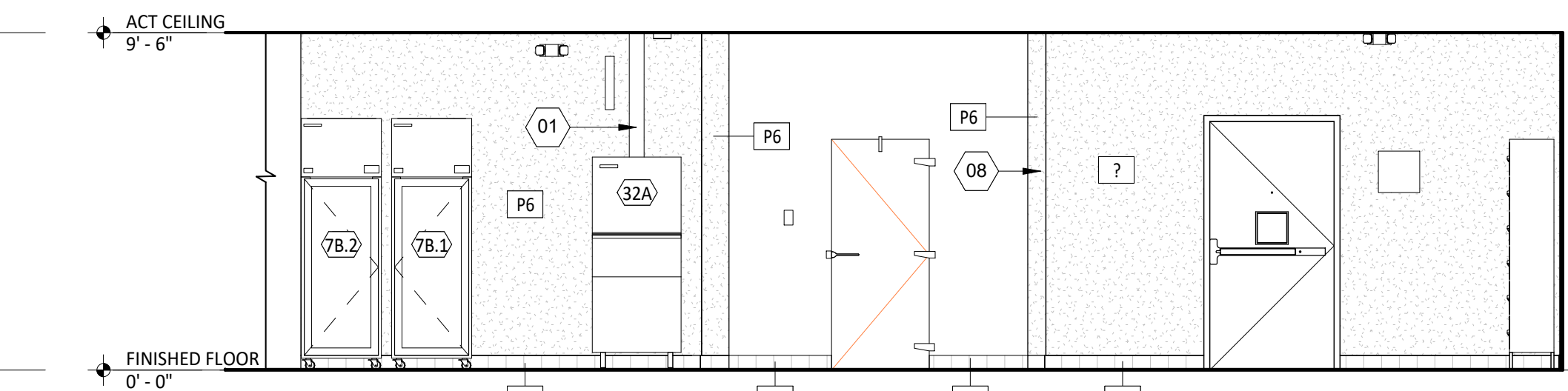
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1/4" = 1'-0"



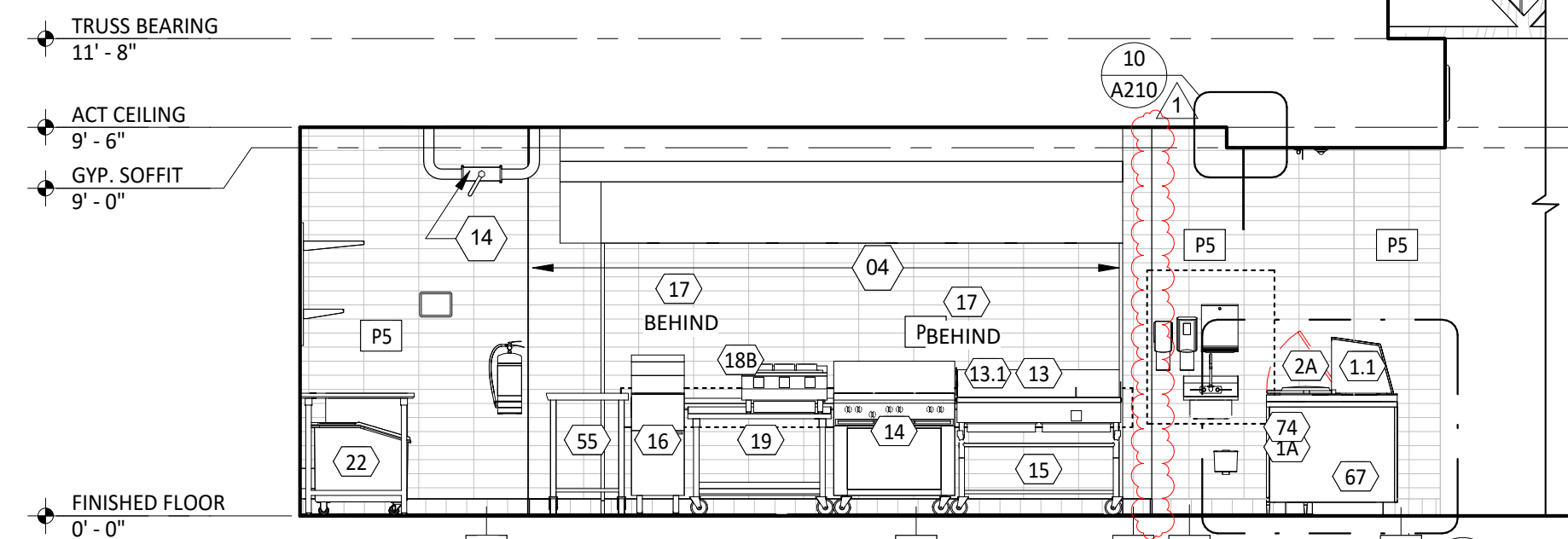
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A702
INT ELEV - KITCHEN
1/4" = 1'-0"



6
A702
INT ELEV - KITCHEN
1/4" = 1'-0"



4
A702
INT ELEV - KITCHEN
1/4" = 1'-0"



1
A702
INT ELEV - KITCHEN
1/4" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET A131 / A132 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
2. REFER TO A120 FOR FINISH SCHEDULE.
3. REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.
4. PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.

ELEVATION LEGEND

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

SHEET NOTES

01. STAINLESS STEEL SHROUD, REFER TO FINISH PLAN
02. HAND SINK, REFER TO A702 FOR DETAILS.
03. MENU BOARD ASSEMBLY BY CHIPOTLE VENDOR, INSTALLED BY GC.
04. ALL BLOCKING FOR WALL MOUNTED OBJECTS ON THIS WALL NEEDS TO BE 20GA METAL BLOCKING.
05. TIMECLOCK. CONFIRM FINAL LOCATION WITH CHIPOTLE DM.
07. ALUMINUM ENDCAP, REFER TO A801.
08. FIRST AID KIT. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
09. REMOTE MANUAL PULL STATION WITH WIRE GUARD FOR HOOD ANSUL SYSTEM ABOVE. SEE MECHANICAL & ELECTRICAL DRAWINGS FOR MORE INFORMATION. MAINTAIN 10'-0" MINIMUM SEPARATION FROM KITCHEN HOOD.
10. ALUMINUM PLATE AT JAMB / SILL / HEADER FOR OPENING AND PICK UP WINDOW. REFER A803 FOR DETAILS.
11. COORDINATE FINAL MOUNTING LOCATION OF VICTORY WASH WITH CONSTRUCTION MANAGER PRIOR TO INSTALLATION. GC TO ENSURE SUPPLY TUBE CONNECTING THE DISPENSER ABOVE SHOULD BE OFF THE FLOOR FINISH.
12. WATER FILTER INSTALLED BELOW CEILING. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
13. ELECTRICAL PANEL LOCATION, SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
14. GAS SHUT OFF VALVE, REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
15. MONITOR BY TENANT'S VENDOR.
16. CHIME/ STROBE, REFER TO ELECTRICAL DRAWINGS.
17. SODA CHASE, REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
18. GC LEAVE 1' ROOM FROM THE FLOOR FINISH WHILE INSTALLED THE UNDERSINK CHEMICAL DISPENSERS TO ENSURE ADEQUATE ROOM FOR CLEANING.
19. WRAP WALL FINISH AND THE BASE INTO OPENING., TERMINATING AT SCHEDULED DOOR FRAME. PROVIDE OUTSIDE BASE AND TRIM DETAILING AS REQUIRED.
20. MOPUS SHELVES. SEE A502 FOR MORE DETAILS.
22. PICKUP WINDOW WITH INTEGRATED AIR CURTAIN.

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Revisions:
1 08/27/2024 DB-03

Drawn: SVS
Checked: MRM

Project No.
1564

Contents:

ELEVATIONS -
INTERIOR KITCHEN

A702

RESTROOM ACCESSORY SCHEDULE

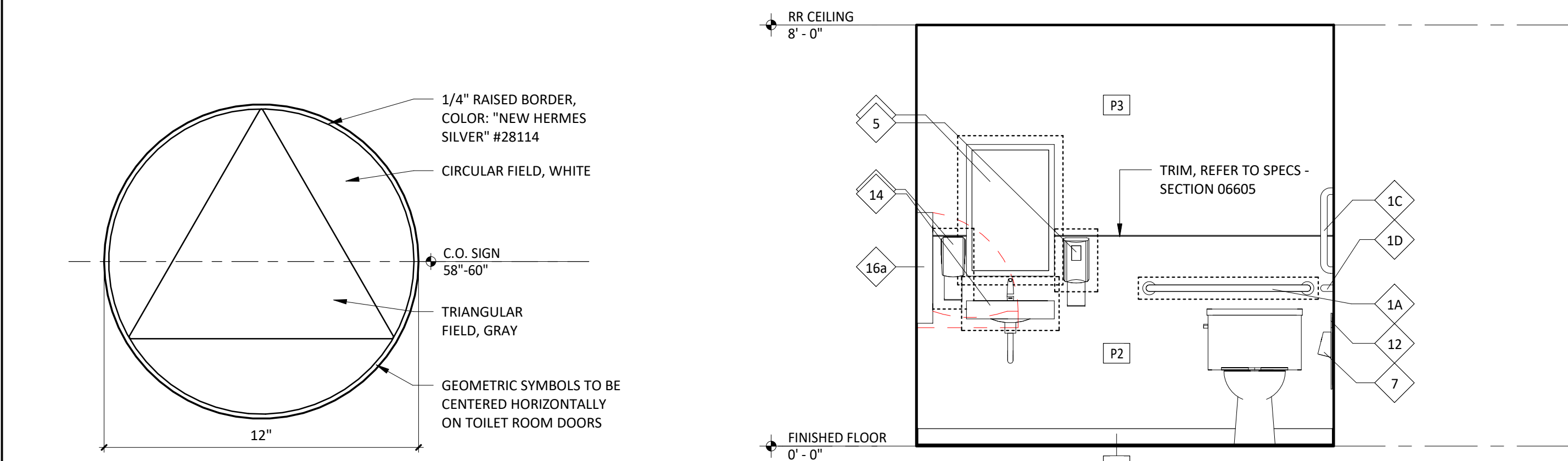
ITEM #	DESCRIPTION	MANUF	MODEL	QTY	PROVIDED BY	INSTALLED BY	UTILITY				MOUNTING HEIGHT	REMARKS
							ELEC	GAS	WATER	SEWER		
1A	Grab Bar - 36in	ASI	3501-36	2	WA	GC					36" AFF to Top of Grasping Surface	Provide Plywood Blocking to Mount to Wall
1C	Grab Bar - 18in	ASI	3501-18	2	WA	GC					40" AFF to Centerline 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	TS	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	0031	2	WA	GC					29" AFF to Top of Unit	Recess Mounted in Wall - Rough Opening: 6 1/4"W X 12 1/4"H X 3 3/8"D Top of Rough Opening: 29 1/4" AFF
8	Utility Shelf	ASI	0692	2	WA	GC					46" AFF To Top Of Shelf	Provide Toggle Bolts to Mount to Wall
9	Recessed Convertible Paper Towel Dispenser and Waste Receptacle, Recess Mounted in Wall	Bobrick	B-3944	2	WA	GC					Bottom of Unit at Top of 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	0473	2	WA	GC					Top of Rough Opening @ 29" AFF	Recess Mounted in Wall - Rough Opening: 11 1/4"W X 15 3/4"H X 4"D
14	Restroom Hand Sink	Kohler	K-2084	2	GC	GC				●	Mount Bottom of Front Edge Of The Sink At Exactly 29" AFF	
14.1	Restroom Hand Sink Faucet	T&S	EC-3102-TMV-LF-05	2	KES	GC				●		
15	Hand Sanitizer Dispenser	Purell	ES8	2	WA	GC						To Be Furnished With .5 GPM Aerator Installed. Thermostatic mixing valve is also included.
16a	Surface Mounted Horizontal Baby Changing Station	Koala Care	KB200-05	2	WA	GC					Align T.O. Unit With T.O. Soap Dispenser Mount Bottom of Open Changing Bed at Exactly 27" AFF	GC to Provide adequate blocking to support the baby changing equipment. Blocking shall be installed in such a manner to not damage or compromise the rated assembly of the existing wall construction

GENERAL NOTES

- | |
|--|
| ALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTES. |
| REFER TO A802 FOR TILE NOTES. |
| ALL ACCESSORIES SHALL BE AS MANUFACTURED BY AMERICAN SPECIALTIES INC OR TENANT APPROVED EQUIVALENT UNLESS DESIGNATED OTHERWISE. PROVIDE SLOTTED FRIT WOOD BLOCKING AS NECESSARY FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS. SEE SHEET G002 FOR ACCESSIBILITY GUIDELINES & MOUNTING HEIGHT REQUIREMENTS. |
| REFER TO A210 FOR FINISH SCHEDULE. |
| REFER TO A120 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE. |

ELEVATION LEGEND

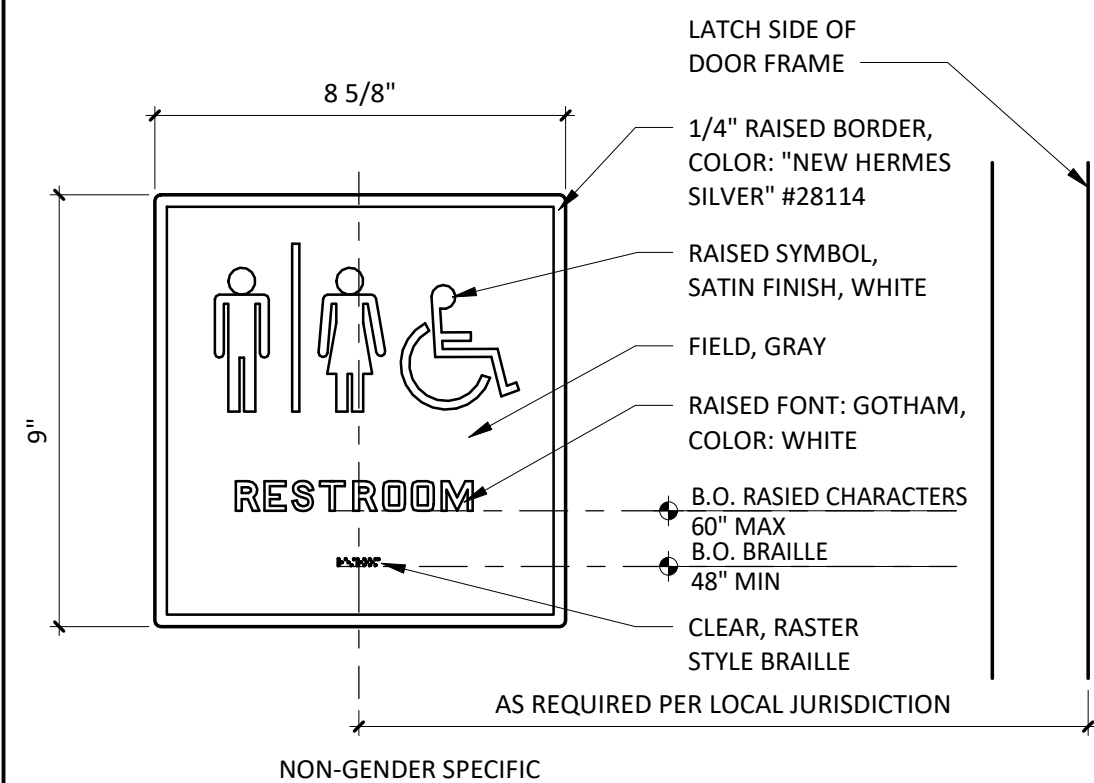
 DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.



4
A710

INT. ELEV - UNISEX - 2

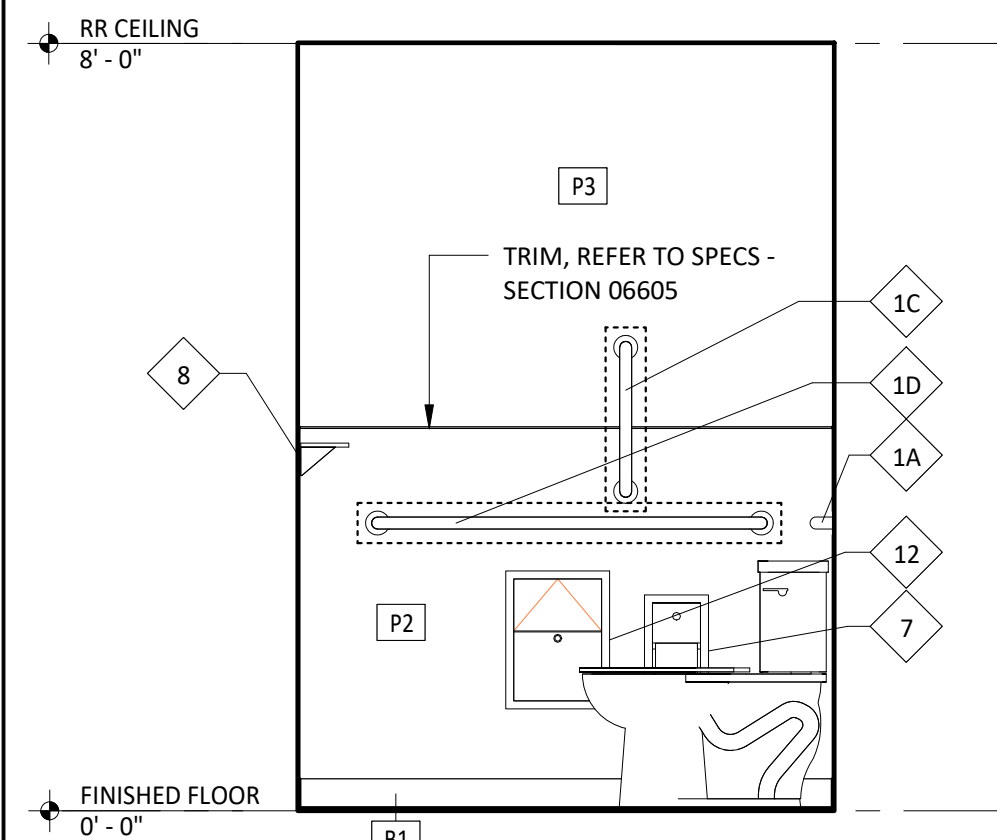
1/2" = 1'-0"



10
A710

TYPICAL WASHROOM SIGN

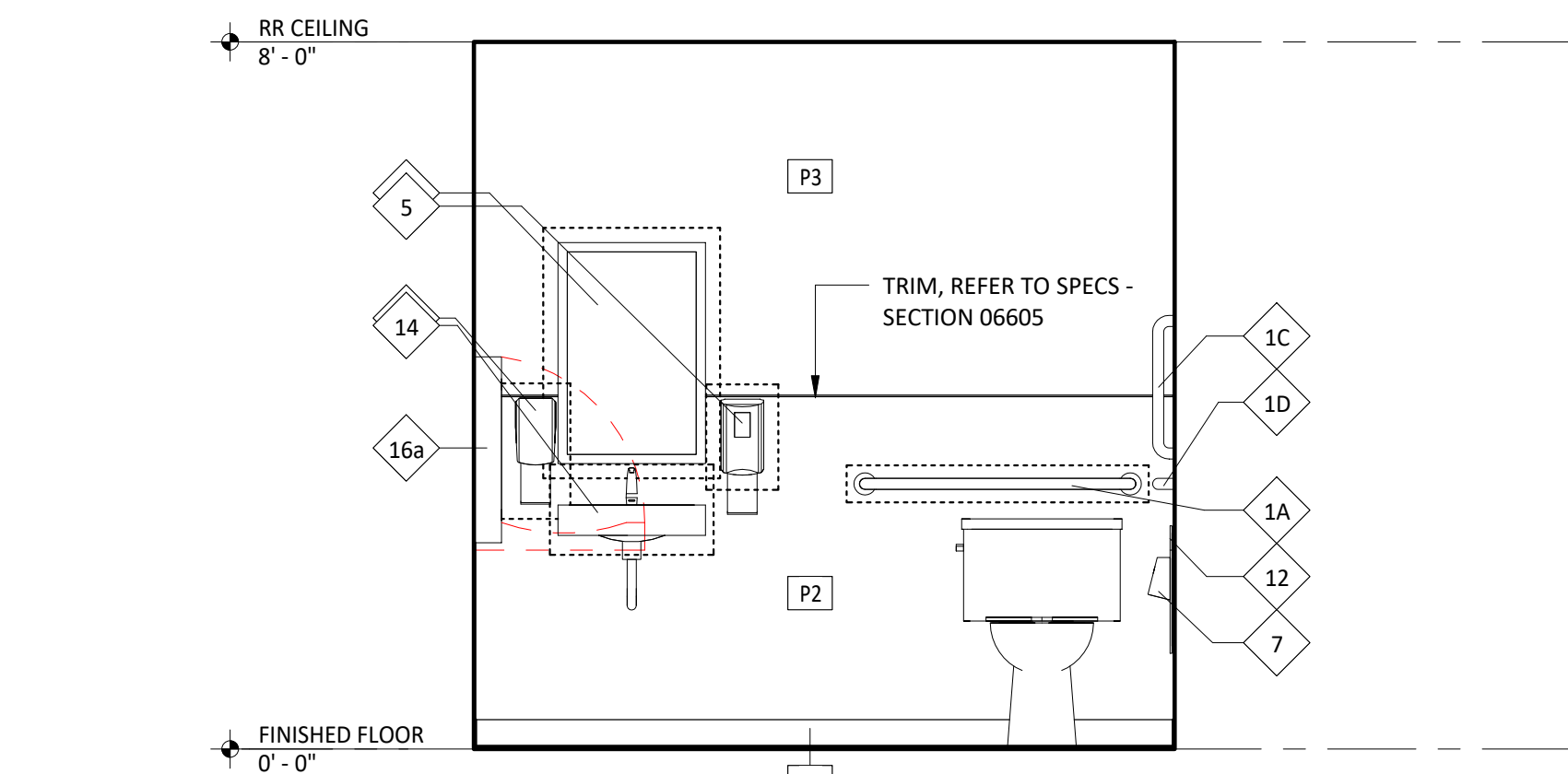
3" = 1'-0"



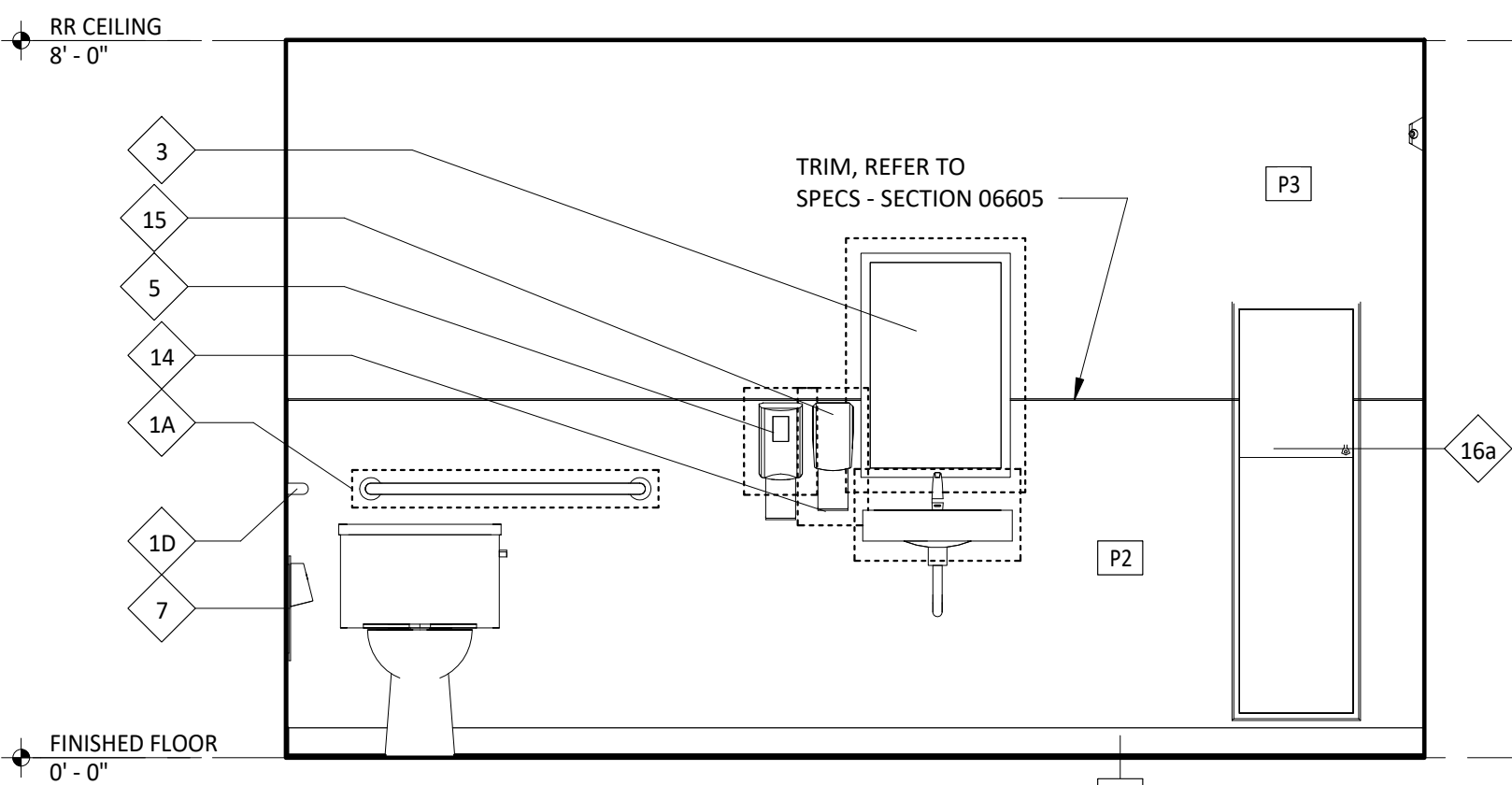
7
A710

INT. ELEV - UNISEX - 1

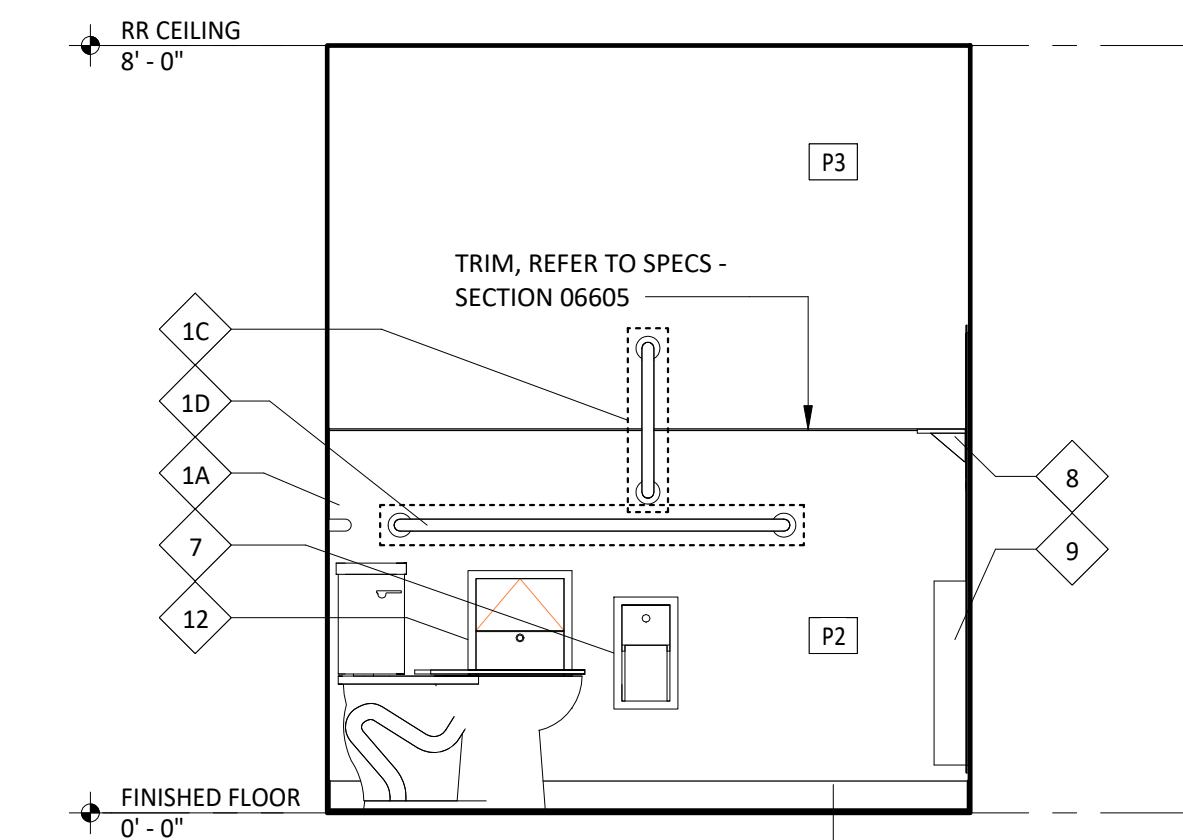
1/2" = 1'-0"



2 INT. ELEV - UNISEX - 2
A710 1/2" = 1'-0"



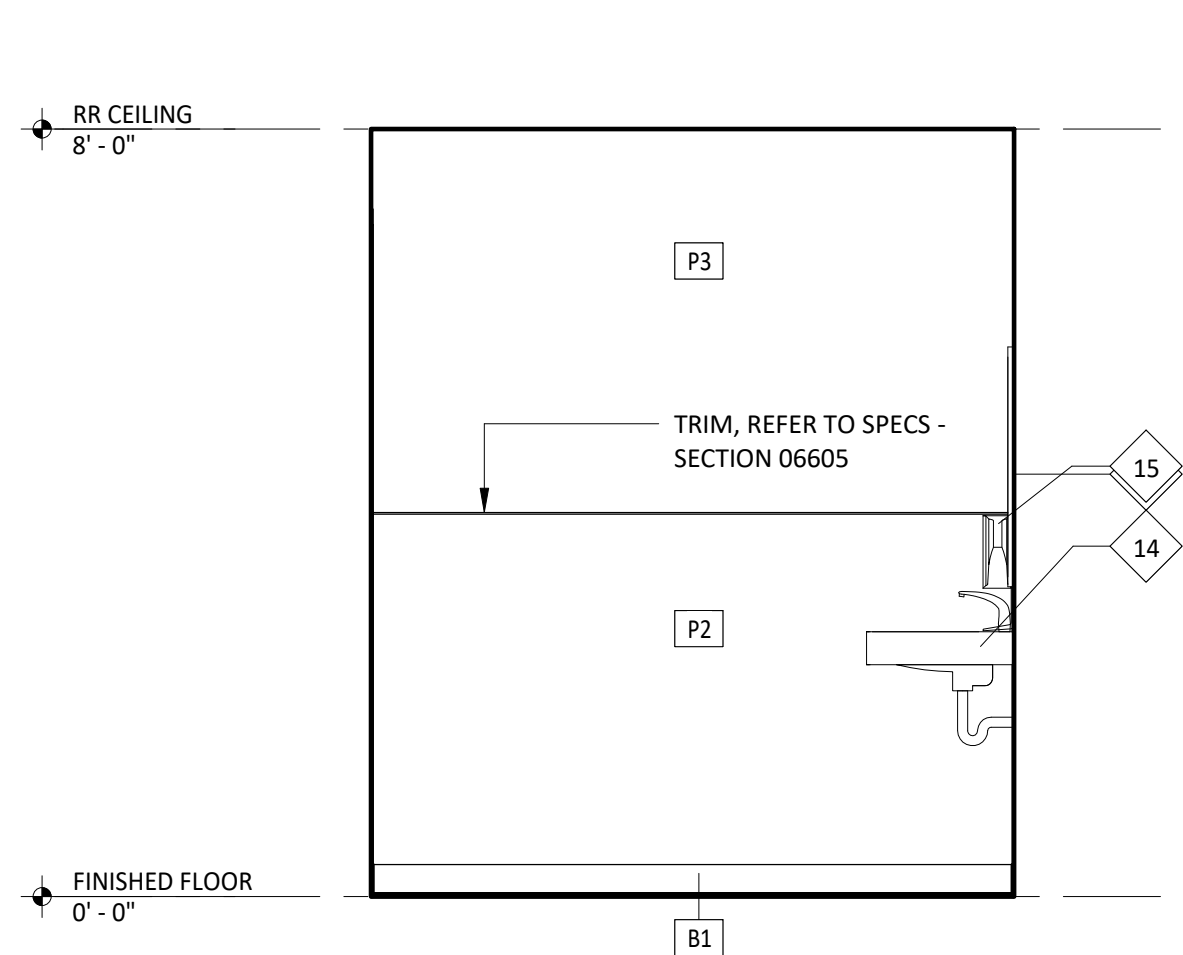
6 INT. ELEV - UNISEX - 1
A710 1/2" = 1'-0"



3
A710

INT. ELEV - UNISEX - 2

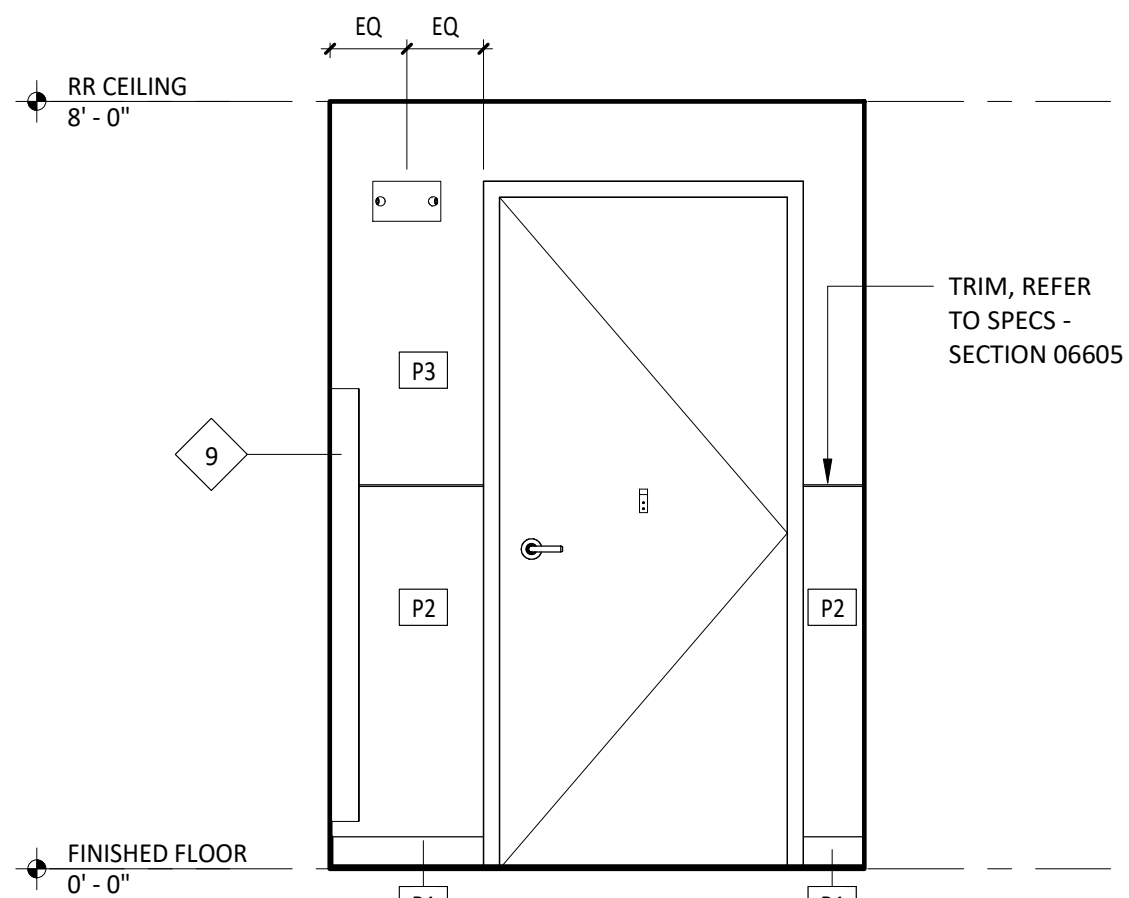
1/2" = 1'-0"



1
A710

INT. ELEV - UNISEX - 2

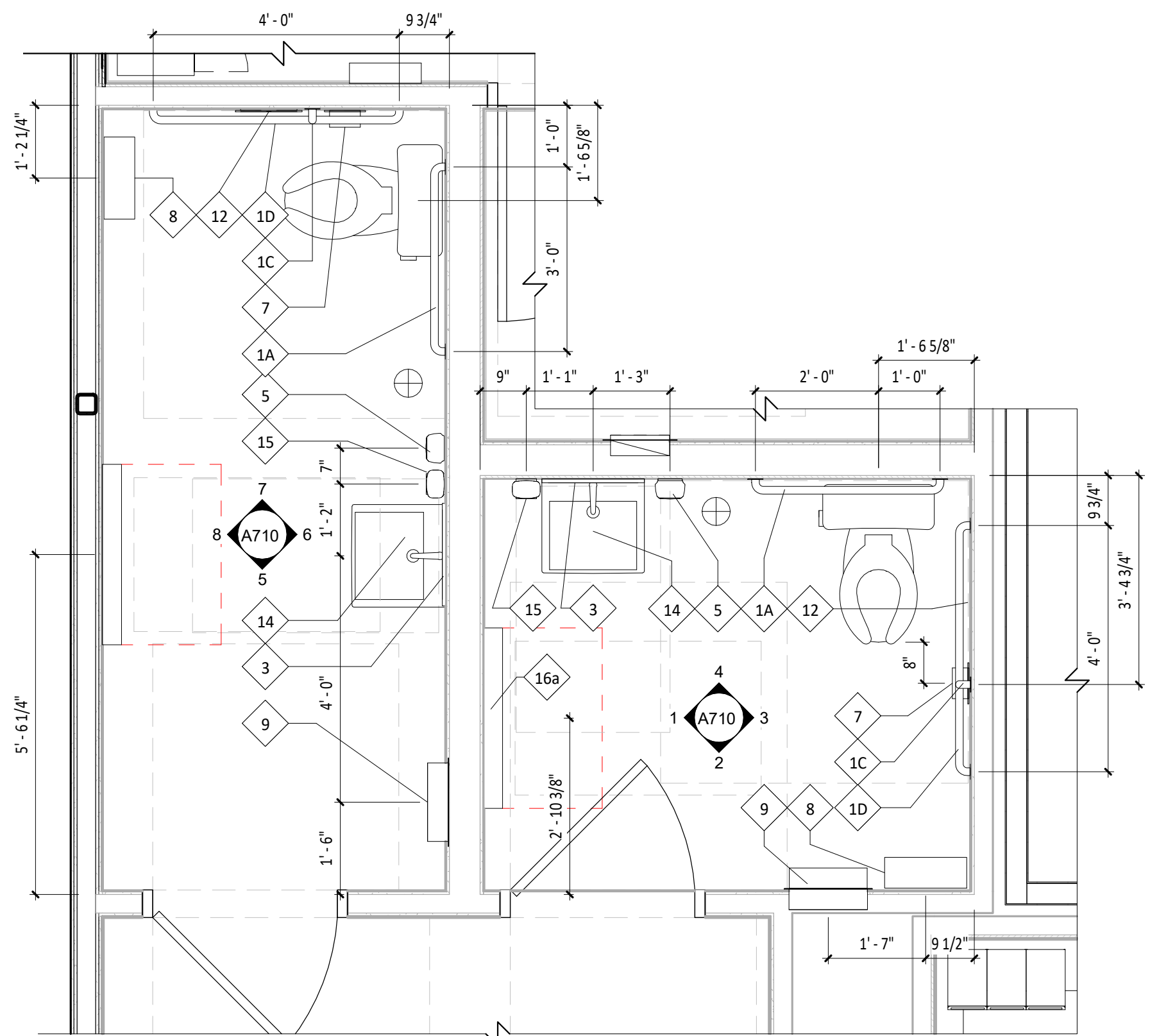
1/2" = 1'-0"



5
A710

INT. ELEV - UNISEX - 1

1/2" = 1'-0"

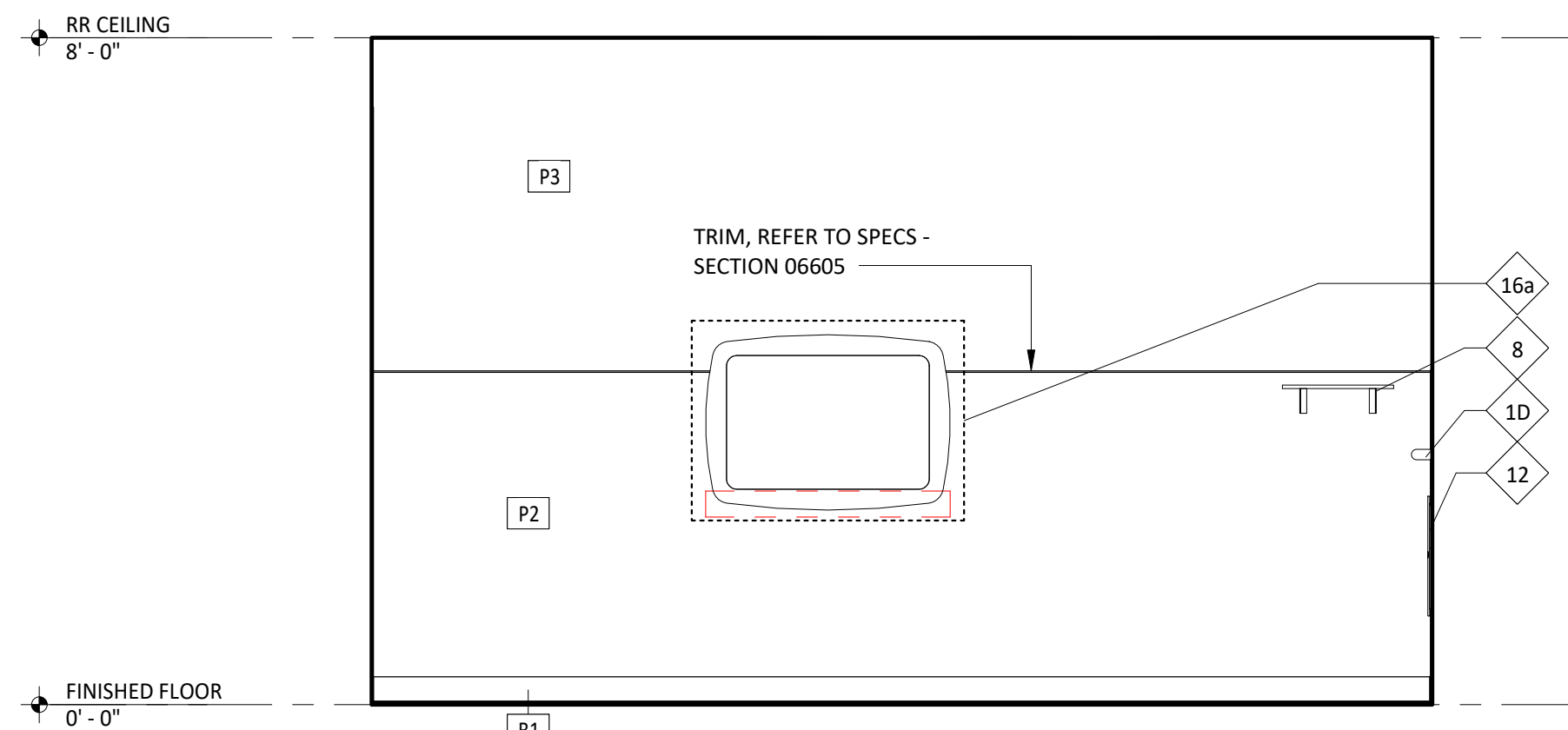


NOTE: ALL DIMENSIONS TO FACE OF STUD OF NEW CONSTRUCTION
AND FACE OF SHEATHING OF EXISTING CONSTRUCTION

9
A710

ENLARGED PLAN

$1/2" = 1'-0"$



INT. ELEV - UNISEX - 1

Architect of Record

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<u>08/27/2024</u>	<u>ISSUE FOR CONSTRUCTION</u>

Revisions:

Drawn:	Checked:
BJO	MRM

Project No.

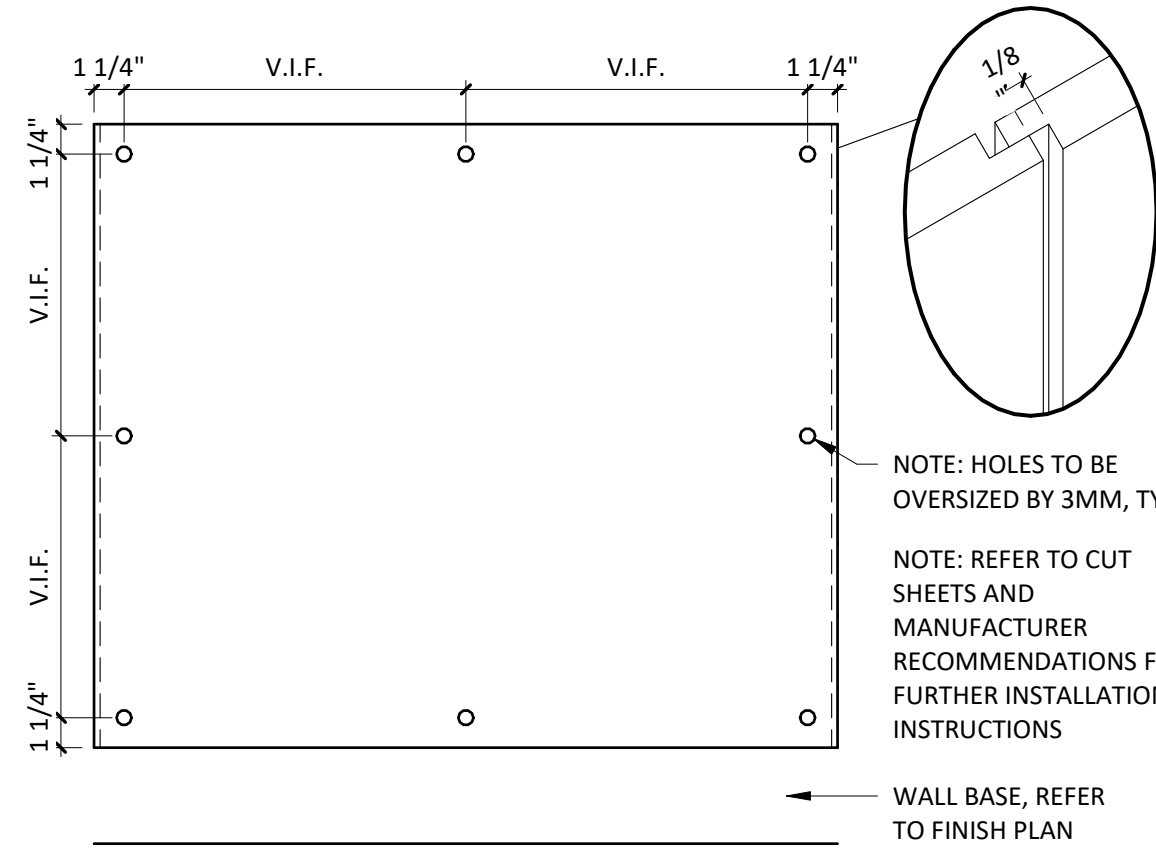
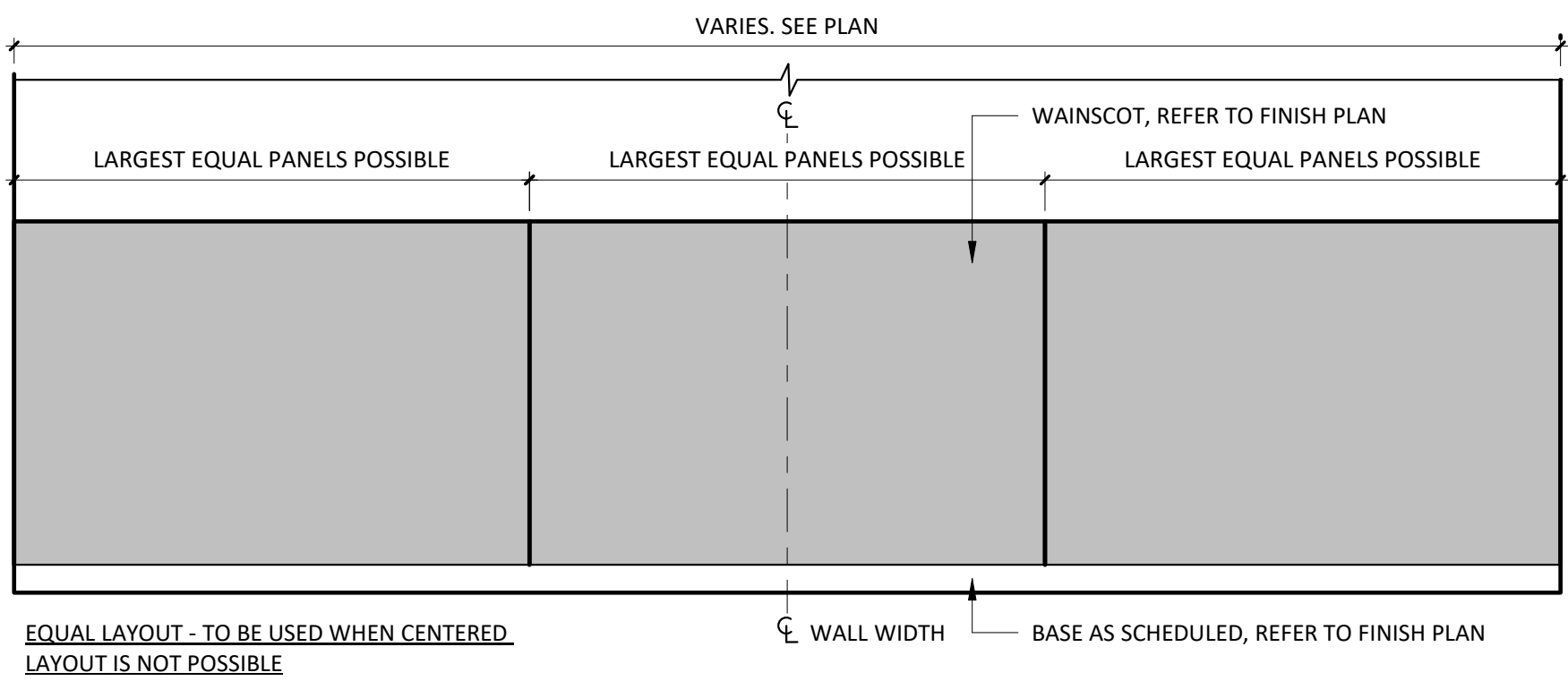
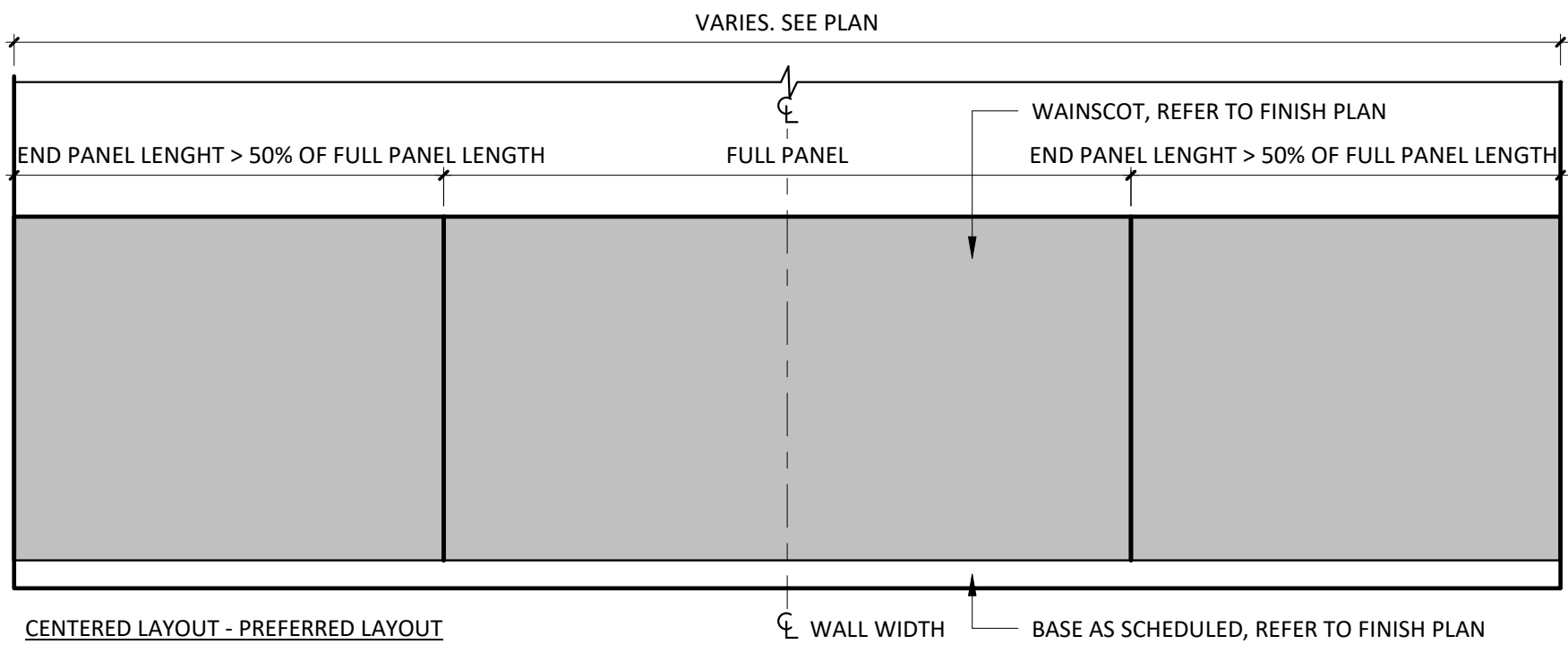
1564

Contents:

RESTROOM DETAILS

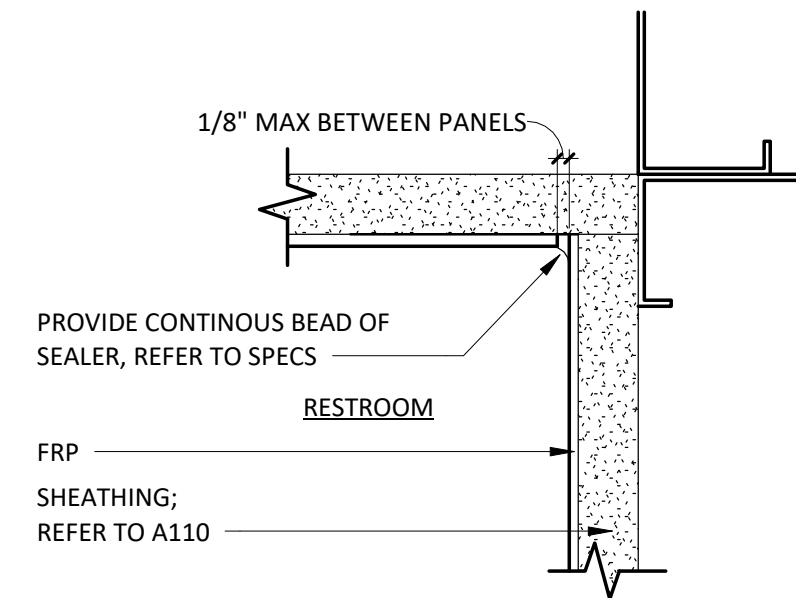
A710

NOTE: ALL CONCEALED WOOD TO BE FRT RATED



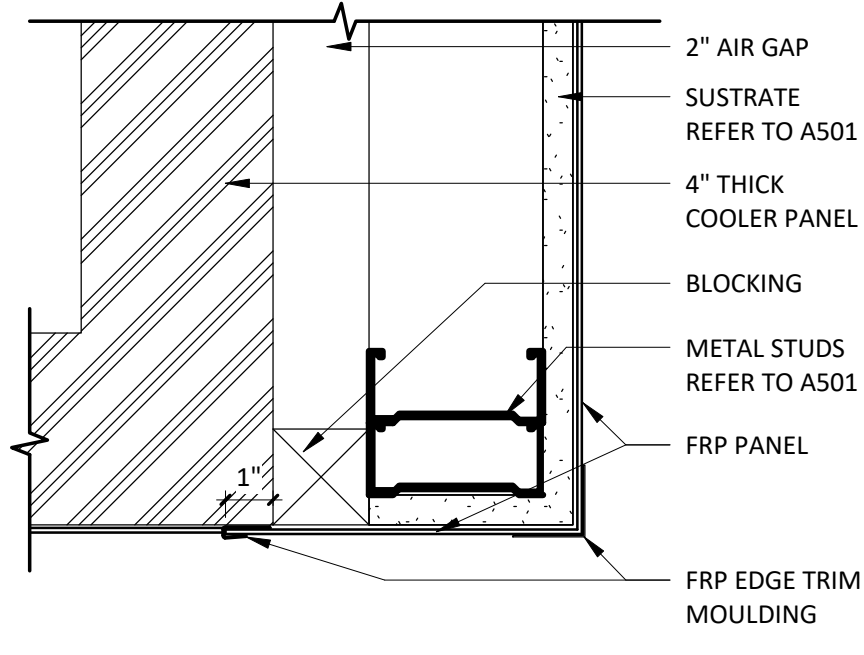
WAINSCOT DETAILS

19 A801 1 1/2" = 1'-0"



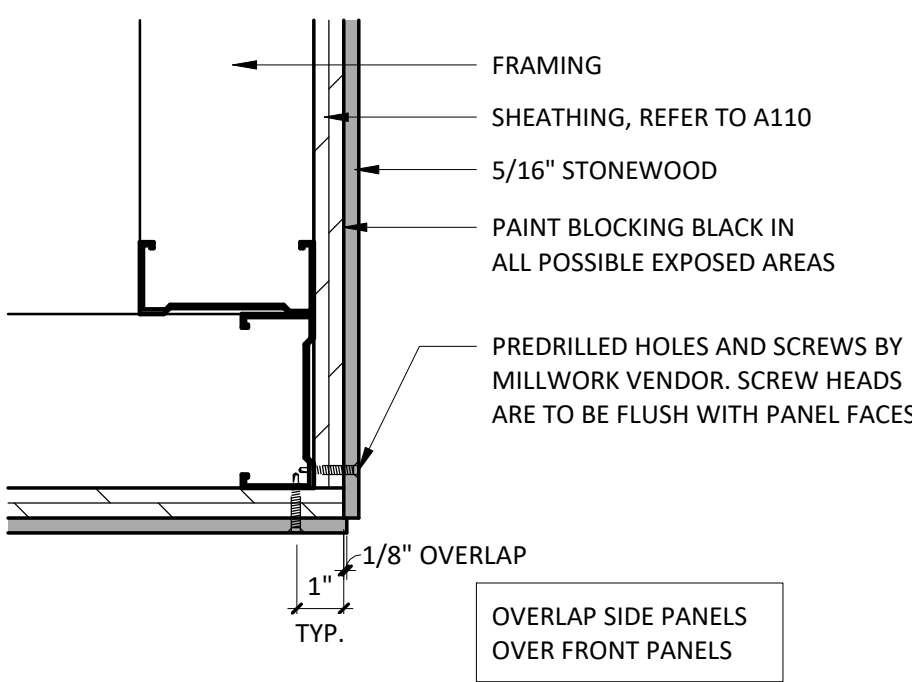
RR FRP INSIDE CORNER

20 A801 6" = 1'-0"



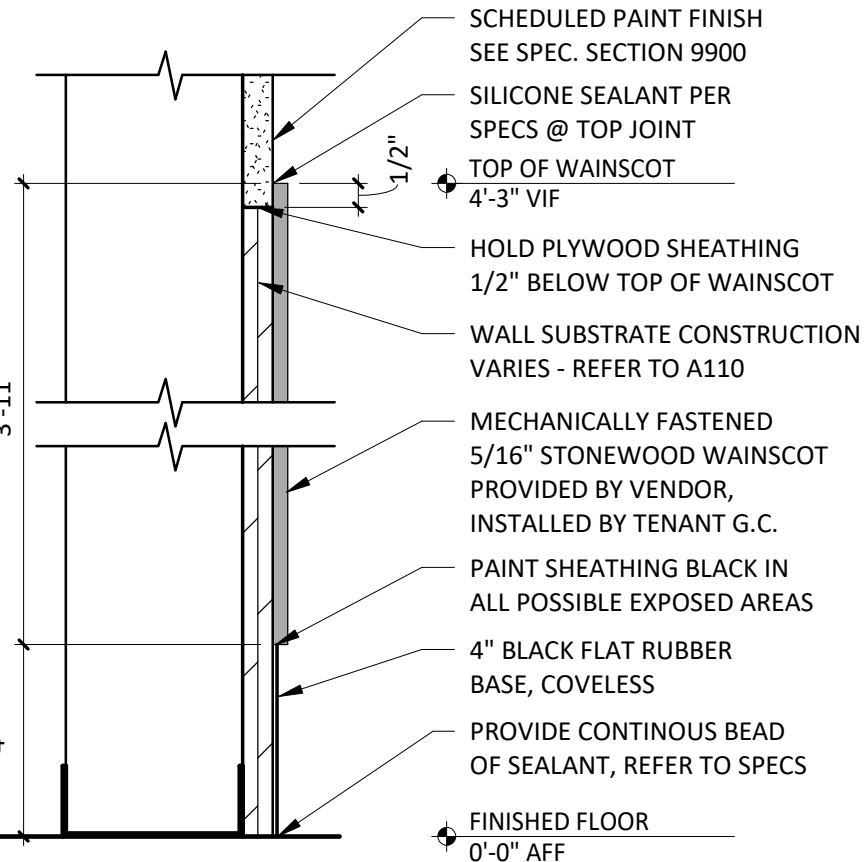
FRP CLOSER @ COOLER

14 A801 3" = 1'-0"



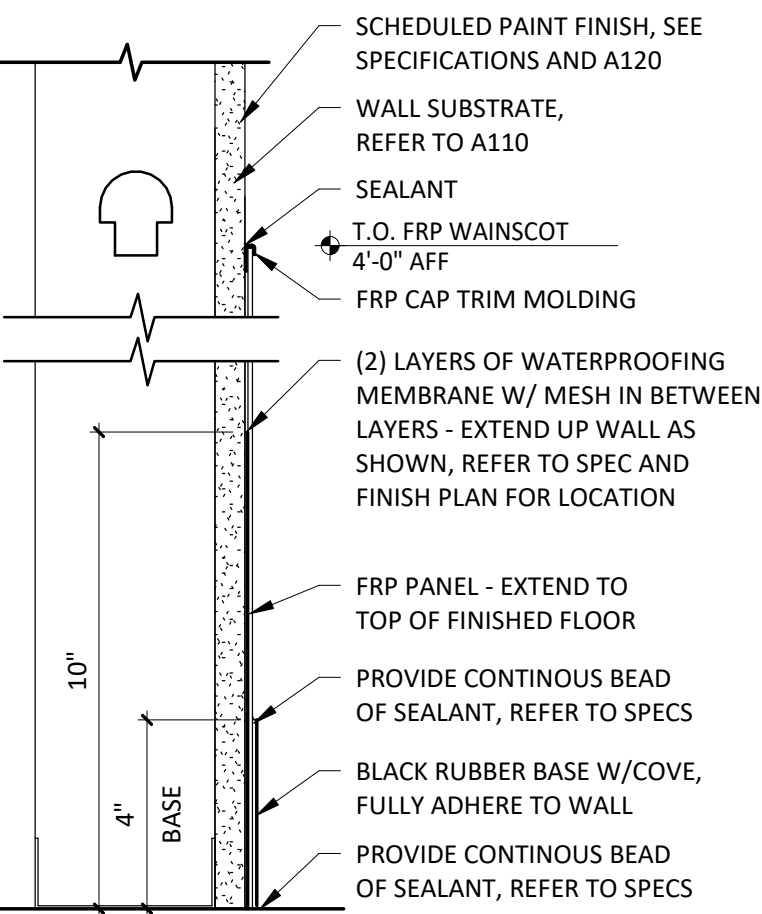
STONEWOOD CORNER @ WAINSCOT

9 A801 3" = 1'-0"



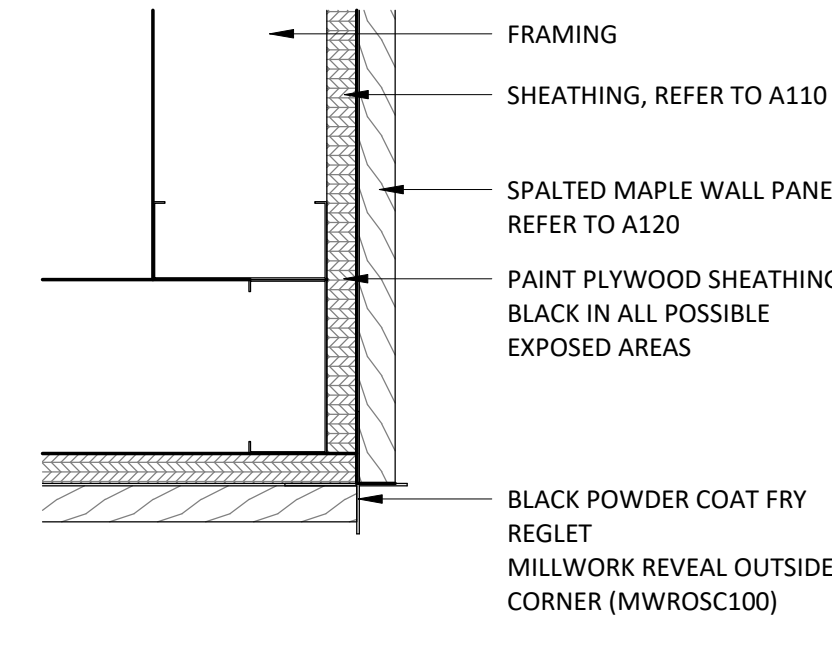
SECTION @ WAINSCOT

3 A801 3" = 1'-0"



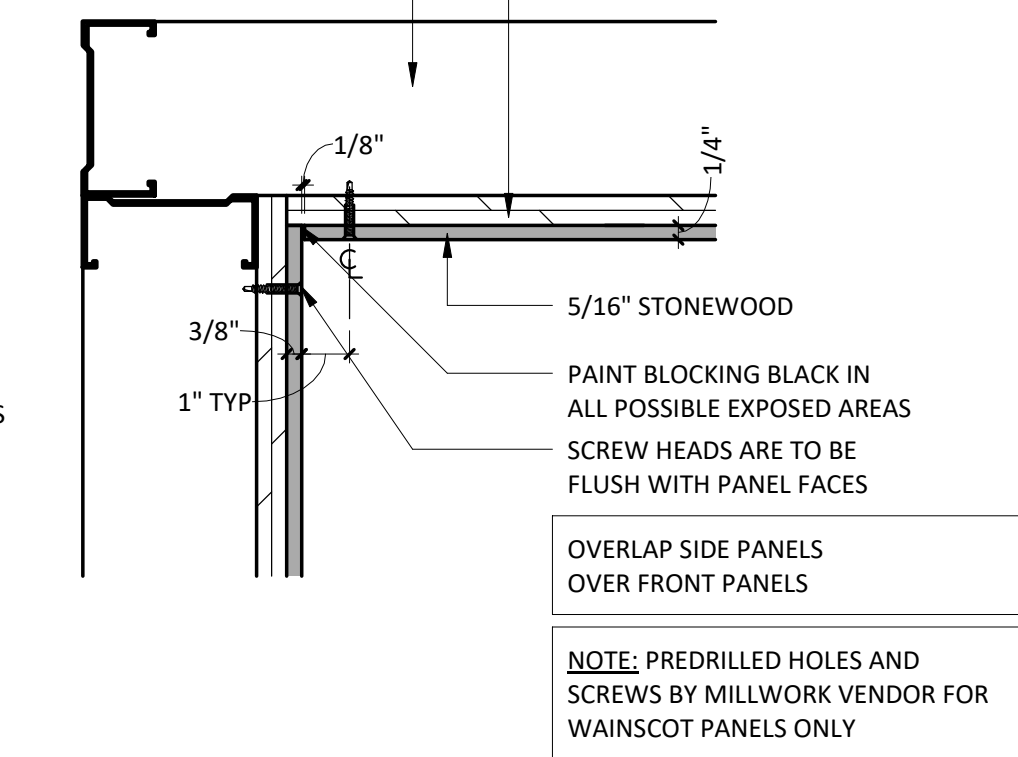
SECTION @ FRP WAINSCOT

18 A801 3" = 1'-0"



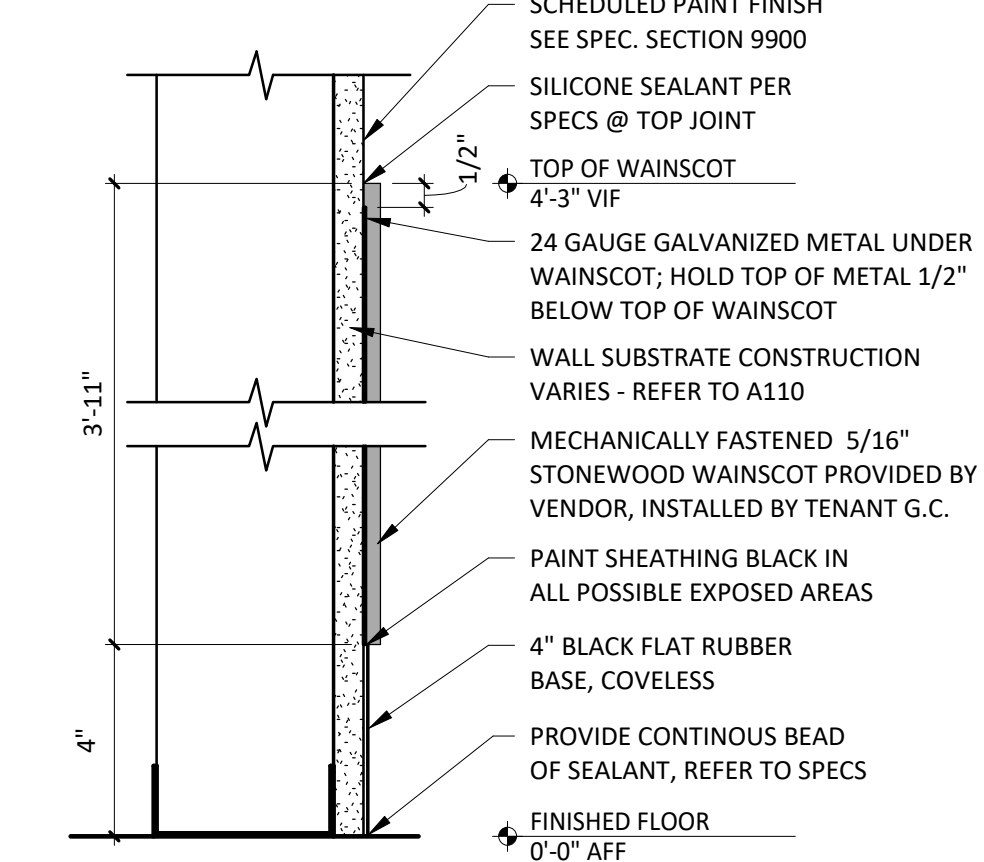
WOOD TO WOOD CORNER

13 A801 3" = 1'-0"



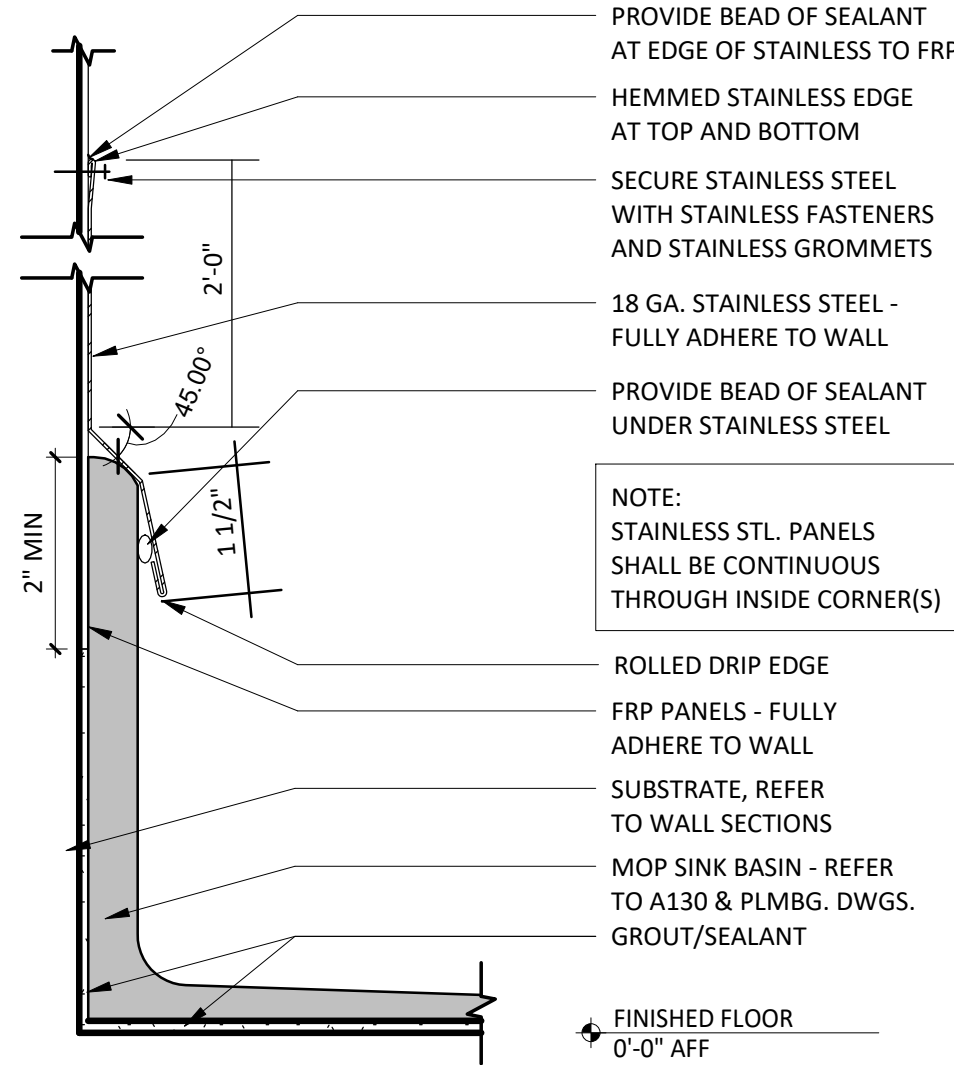
STONEWOOD INSIDE CORNER

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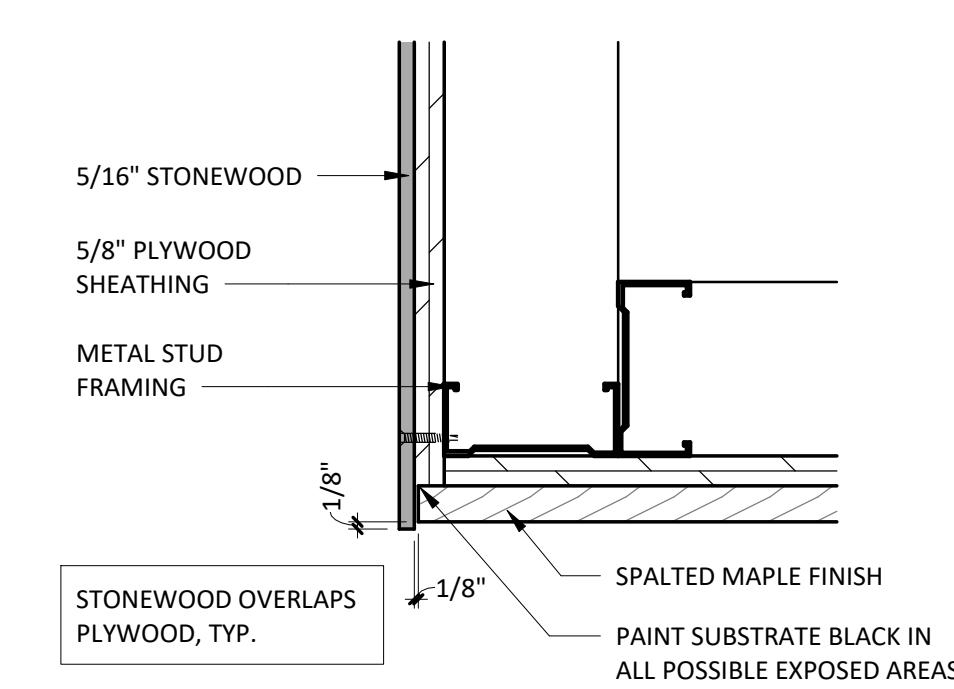
SECTION @ WAINSCOT

2 A801 3" = 1'-0"



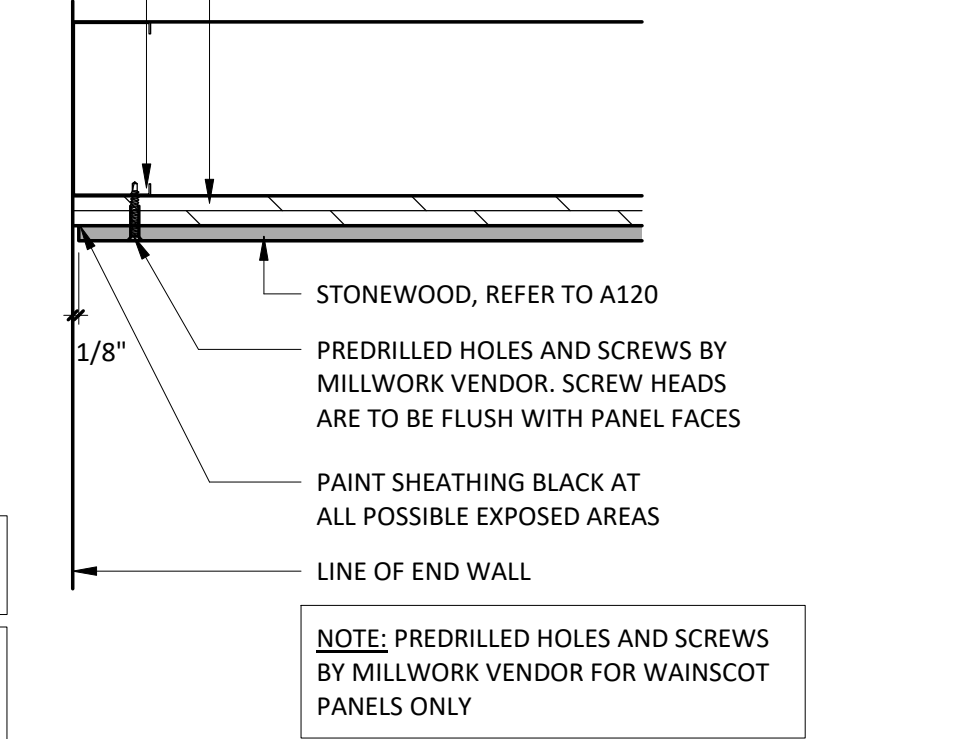
SECTION @ MOP SINK

17 A801 6" = 1'-0"



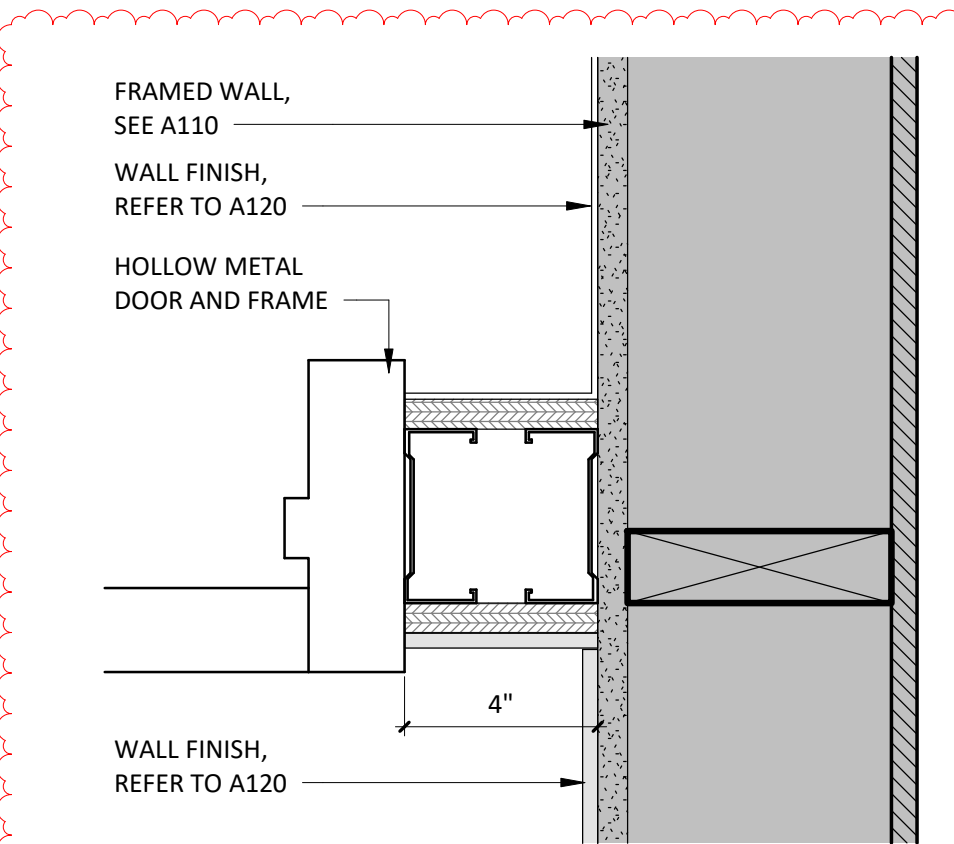
WOOD TO STONEWOOD CORNER

12 A801 3" = 1'-0"



STONEWOOD END CONDITION

7 A801 3" = 1'-0"

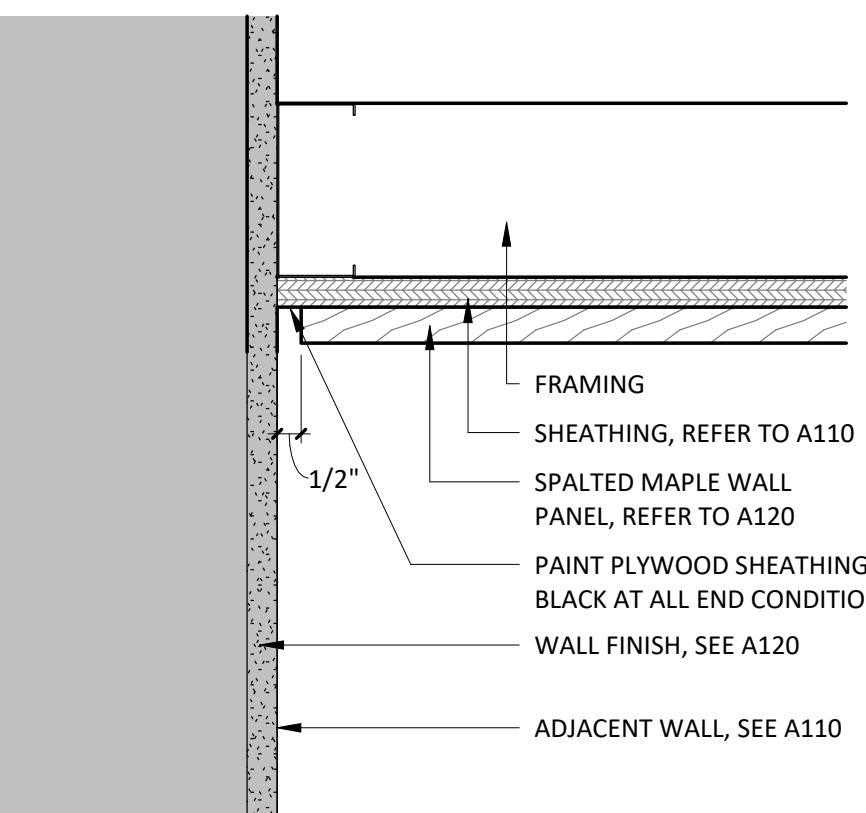


DOOR JAMB

1 A801 3" = 1'-0"

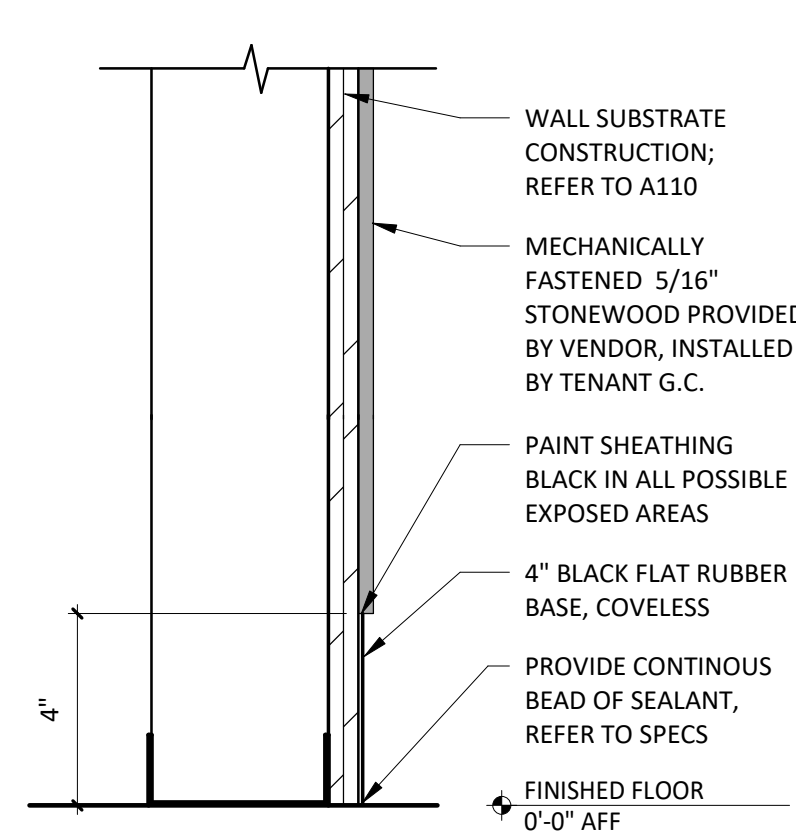
WOOD END CONDITION

6 A801 3" = 1'-0"



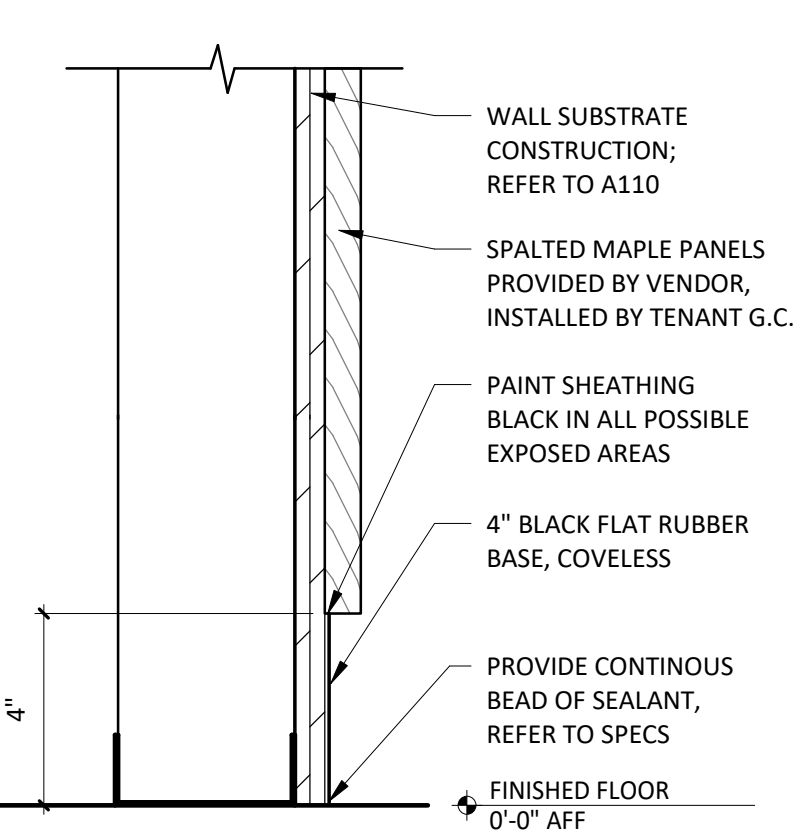
SECTION @ STONEWOOD

5 A801 3" = 1'-0"



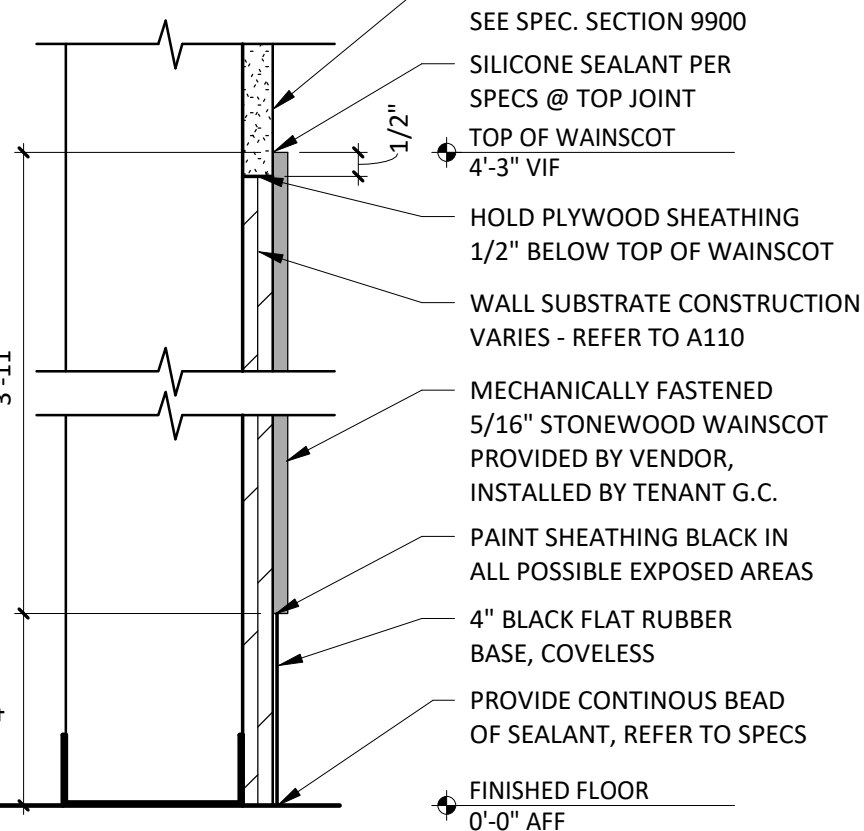
SECTION @ SPALTED MAPLE

4 A801 3" = 1'-0"



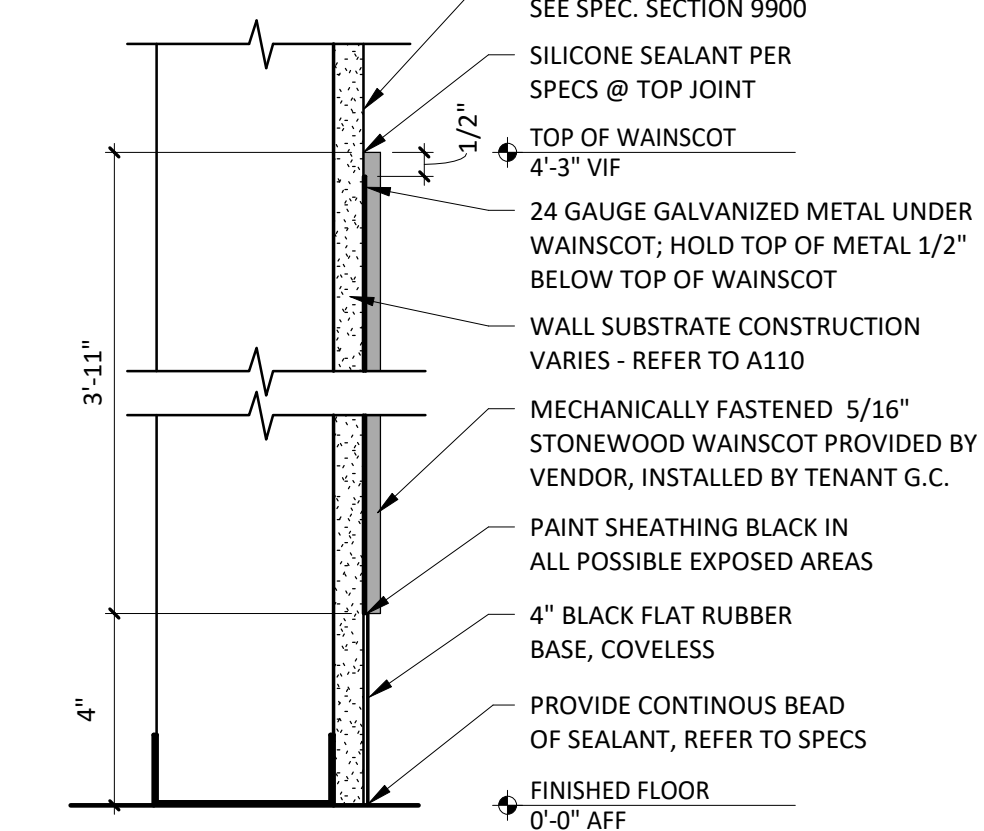
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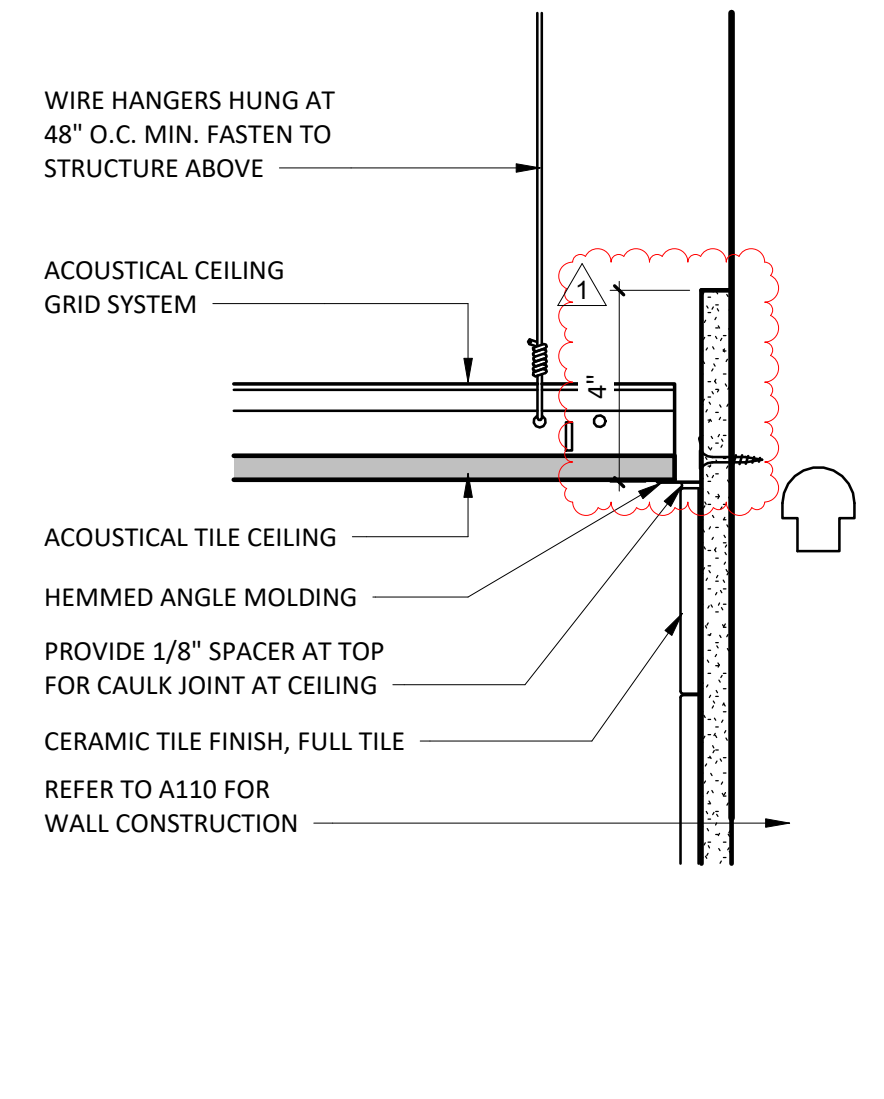
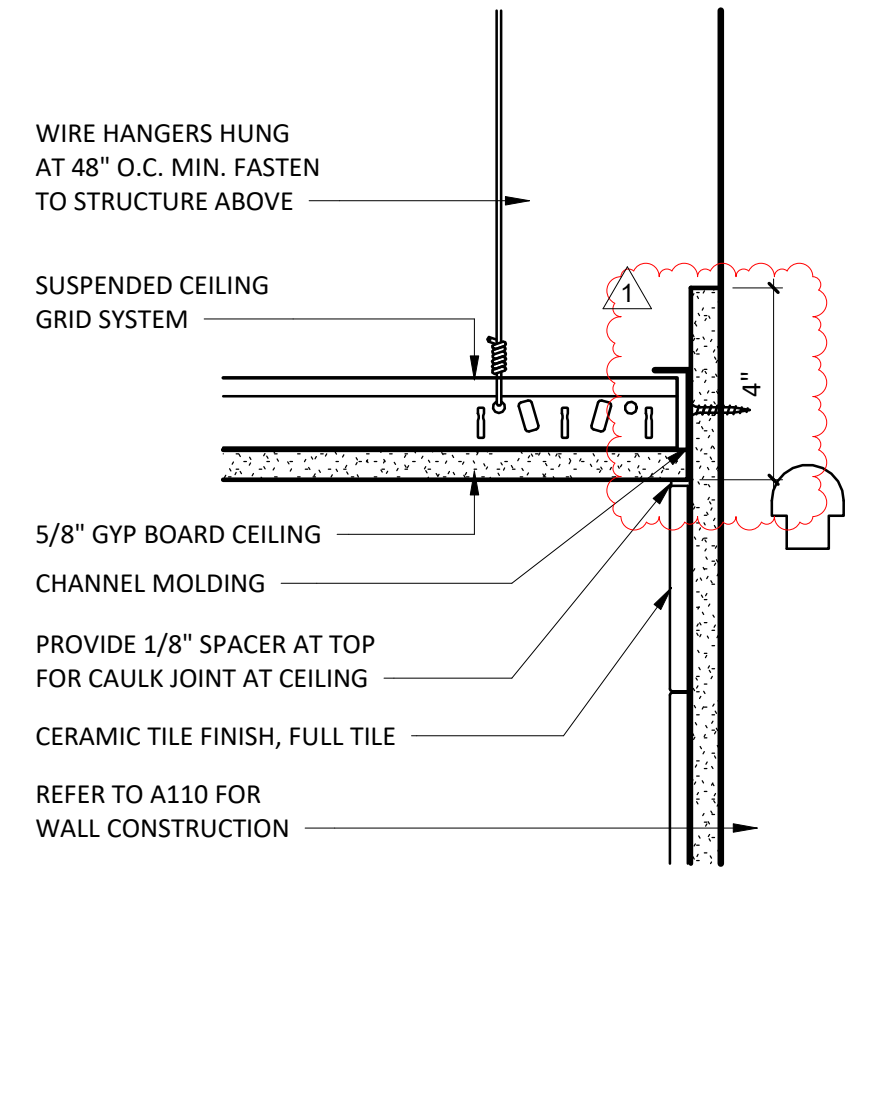
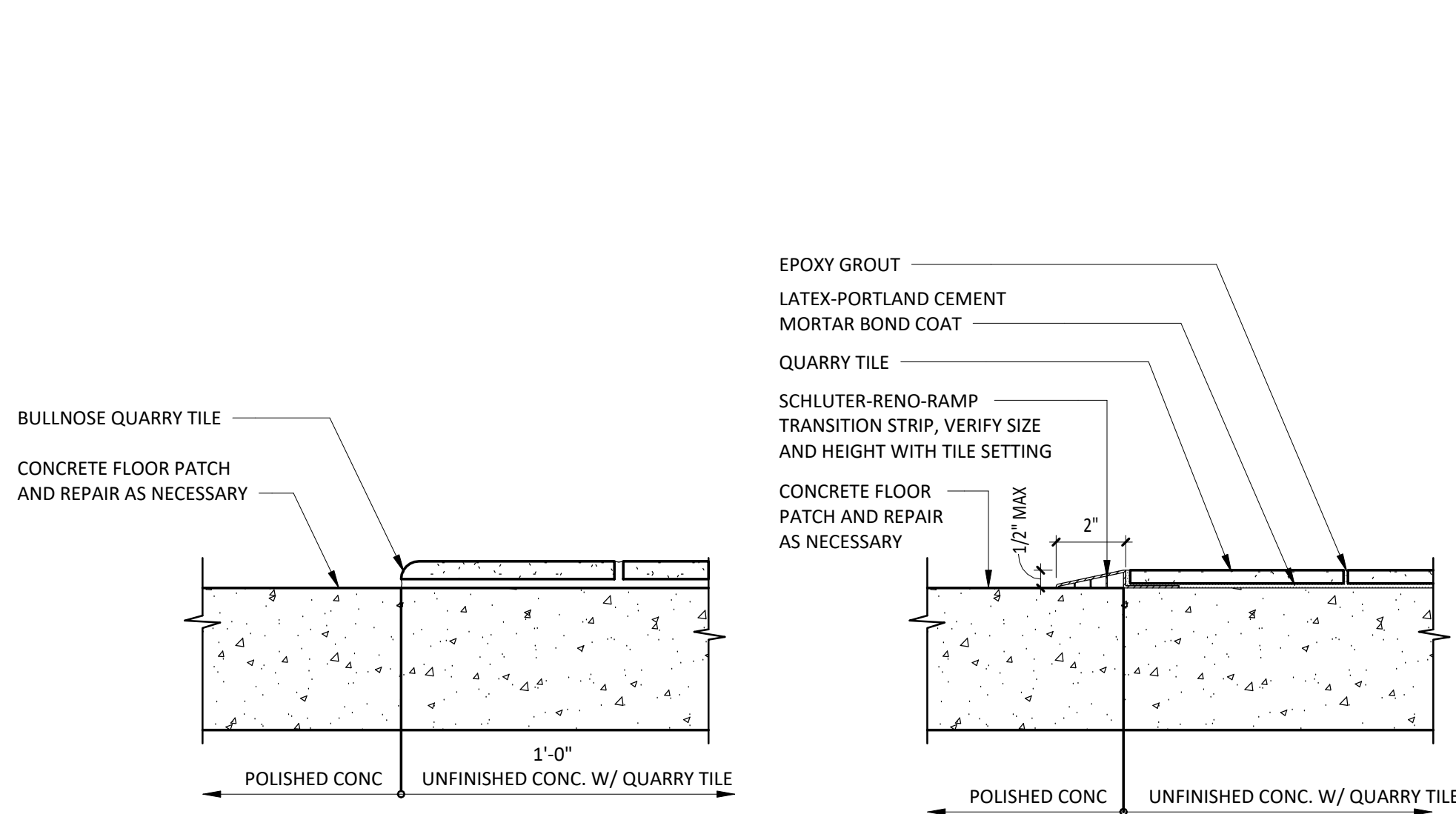
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SECTION @ WAINSCOT

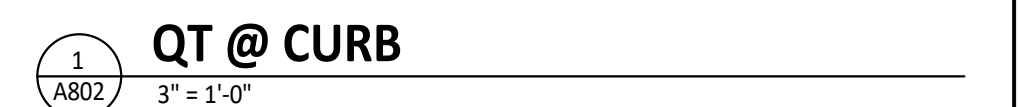
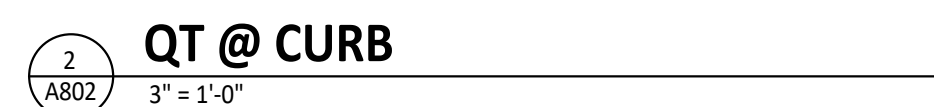
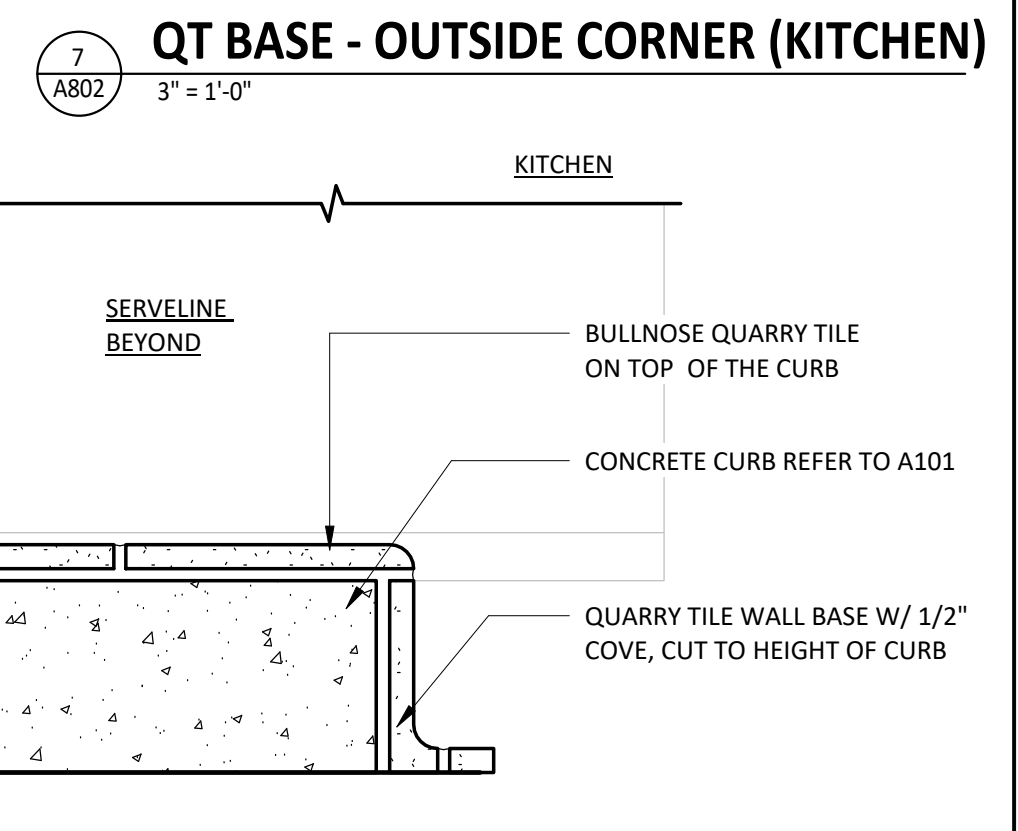
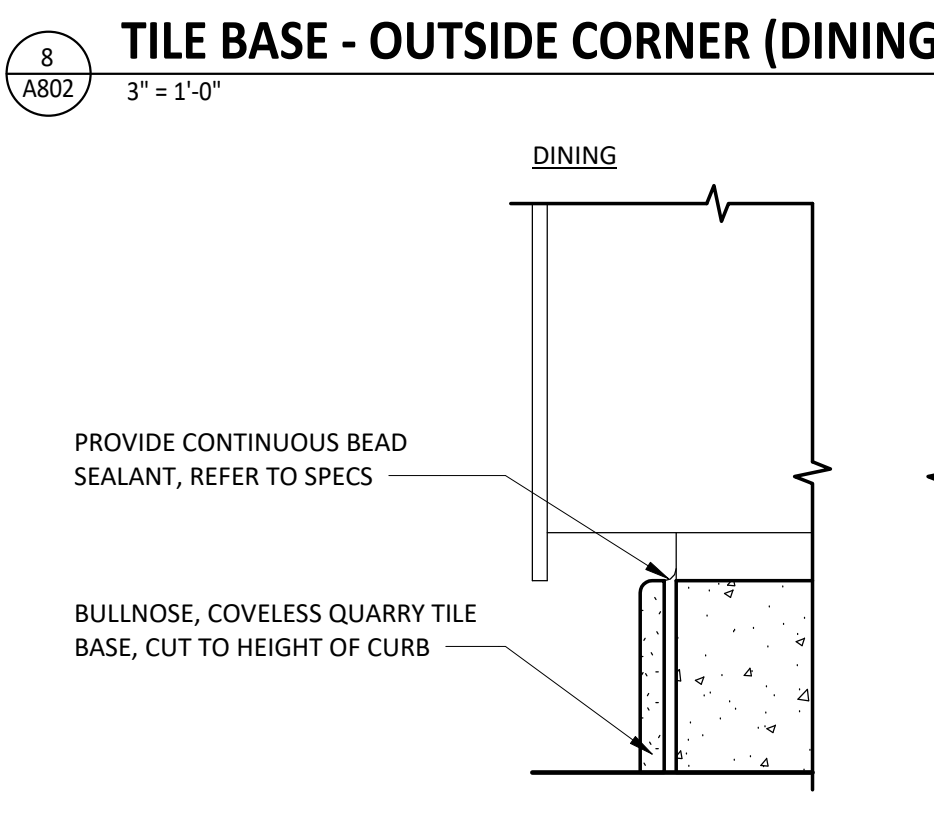
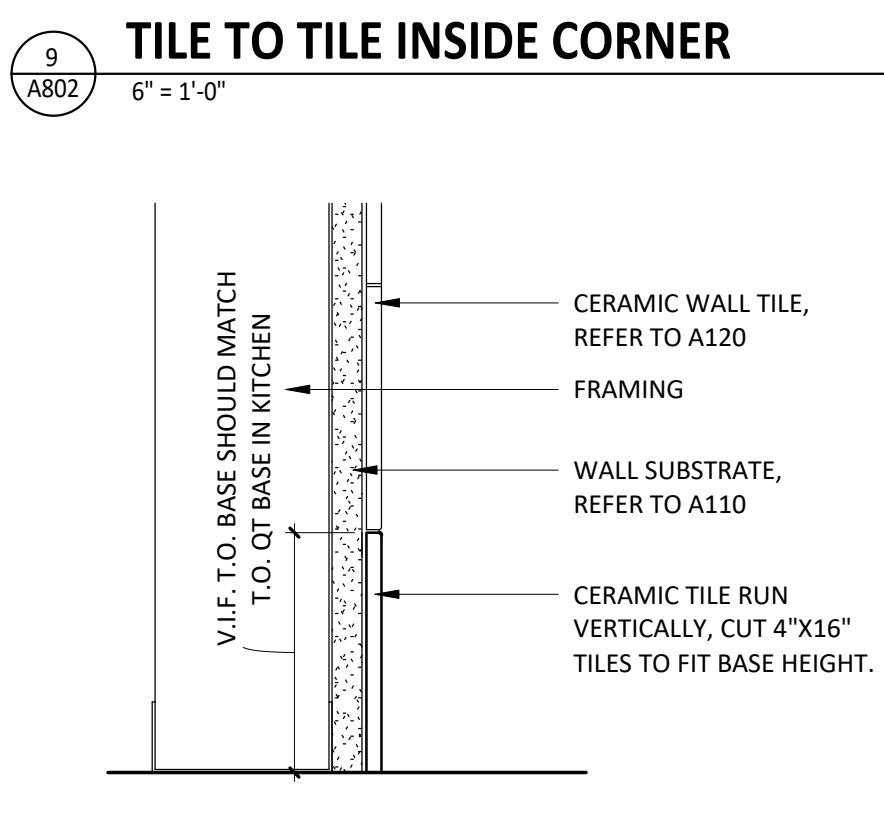
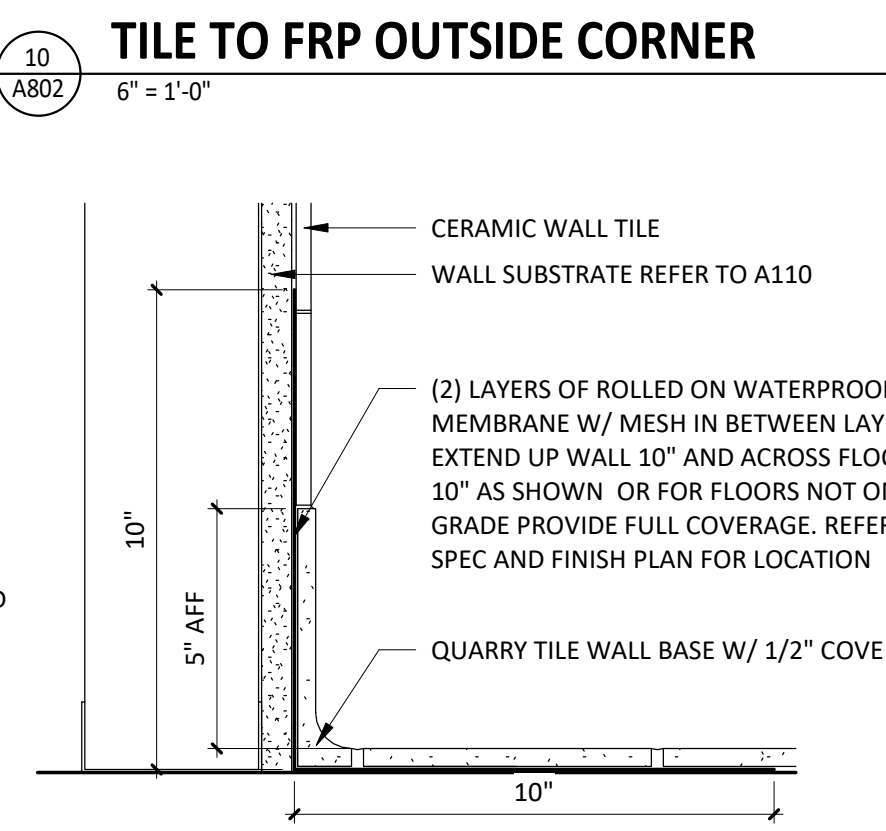
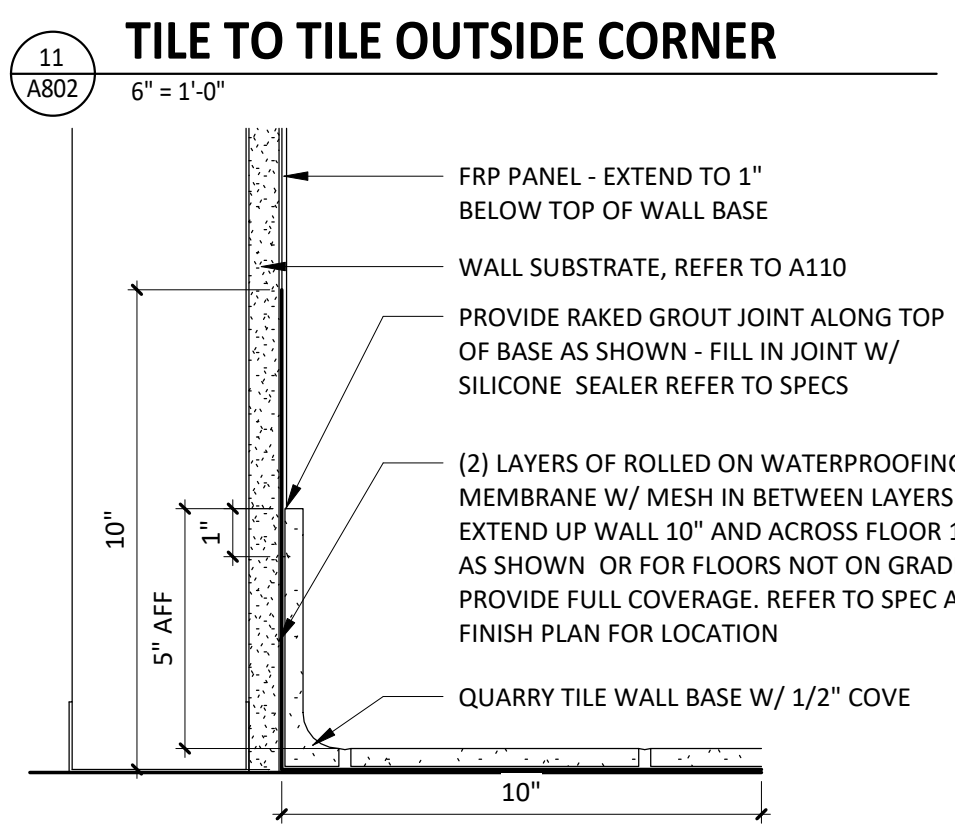
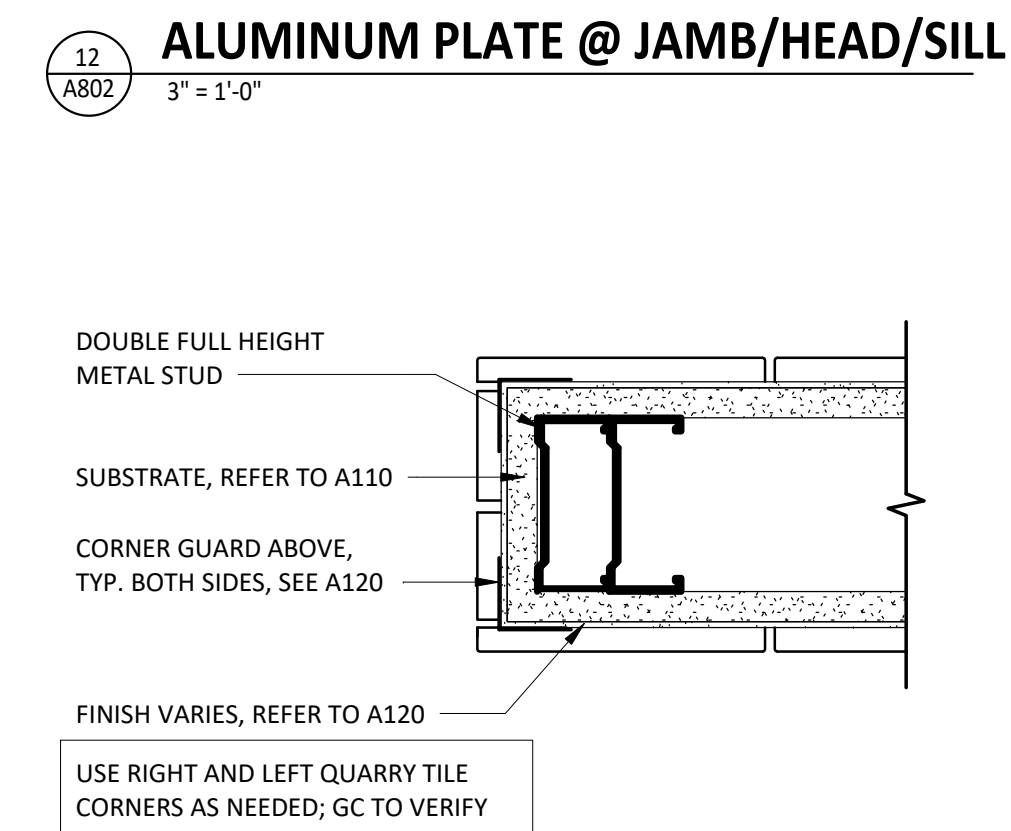
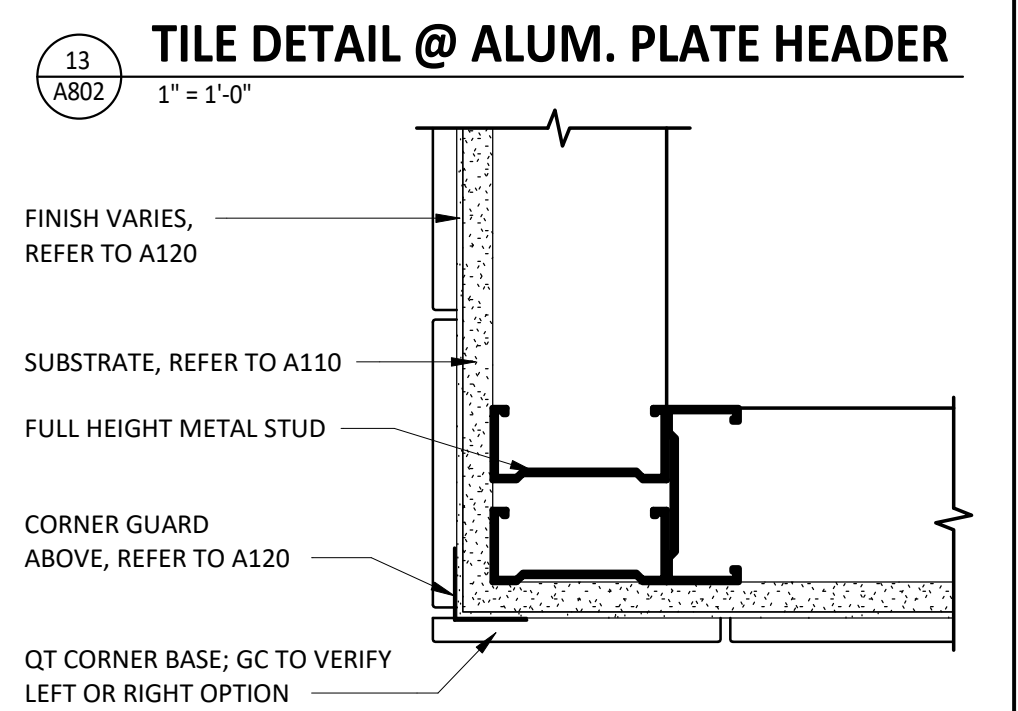
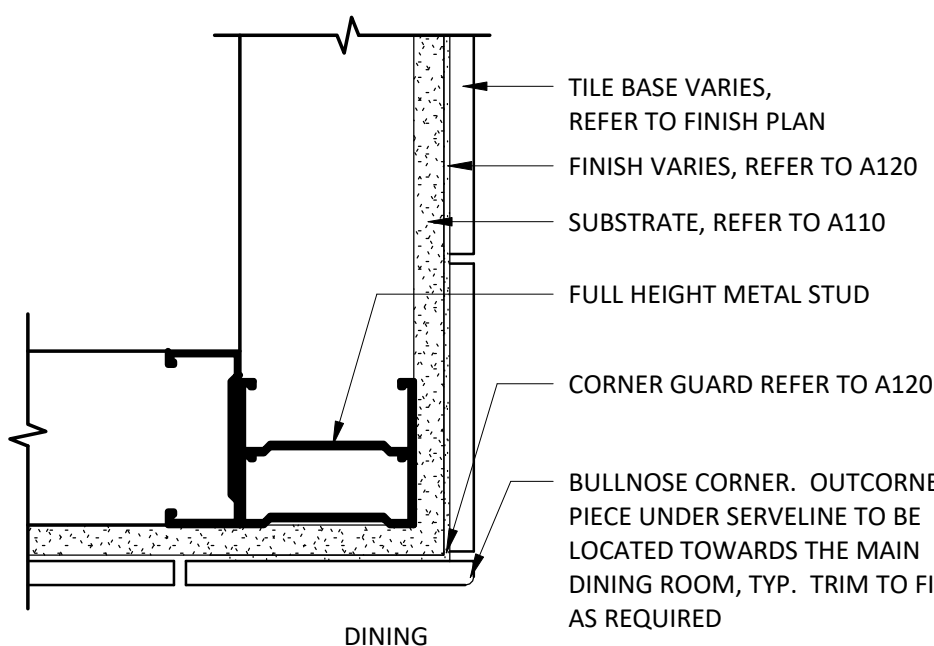
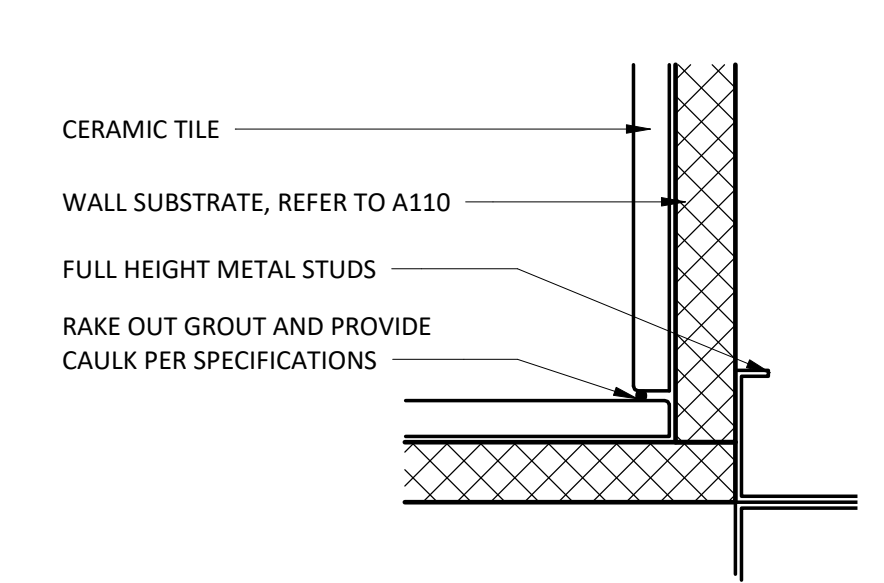
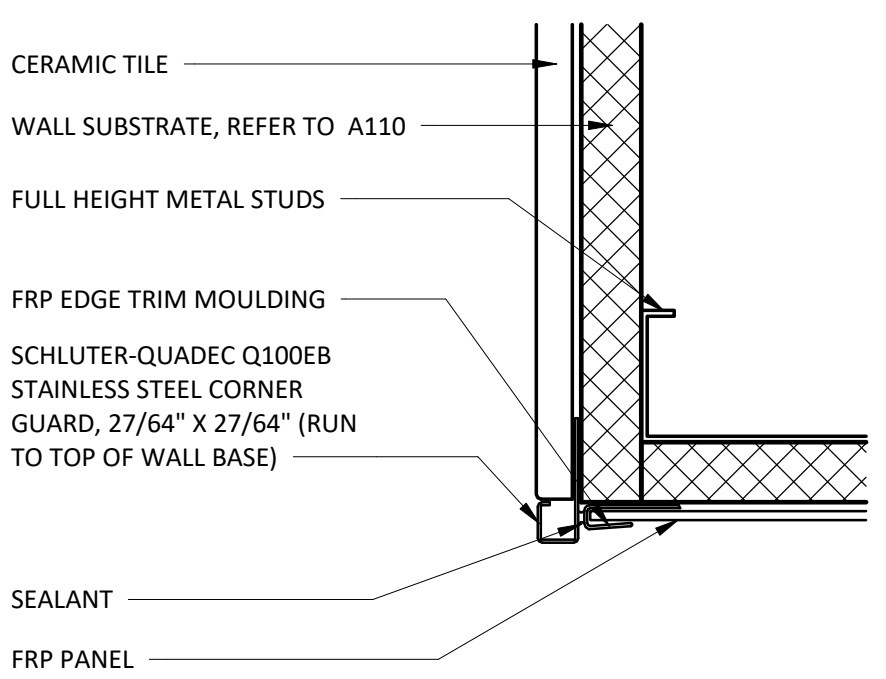
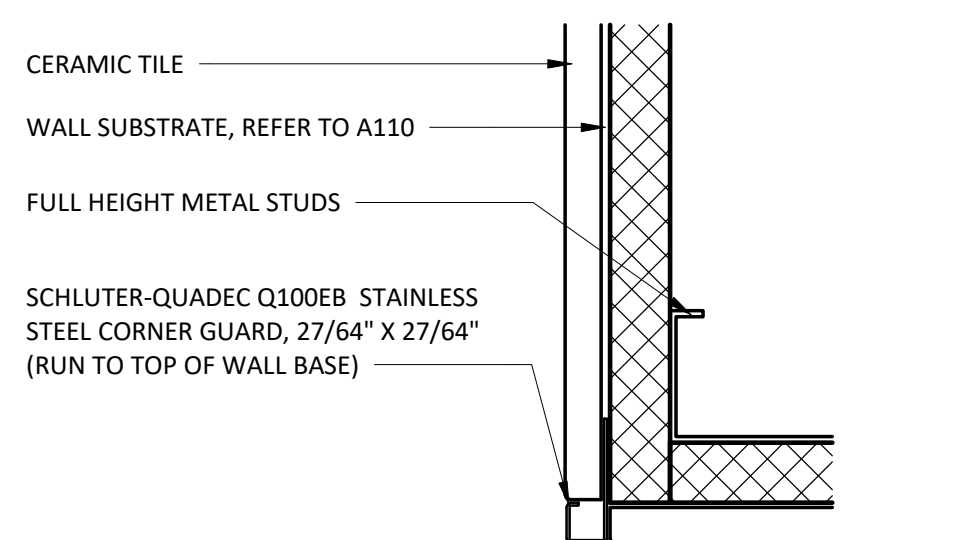
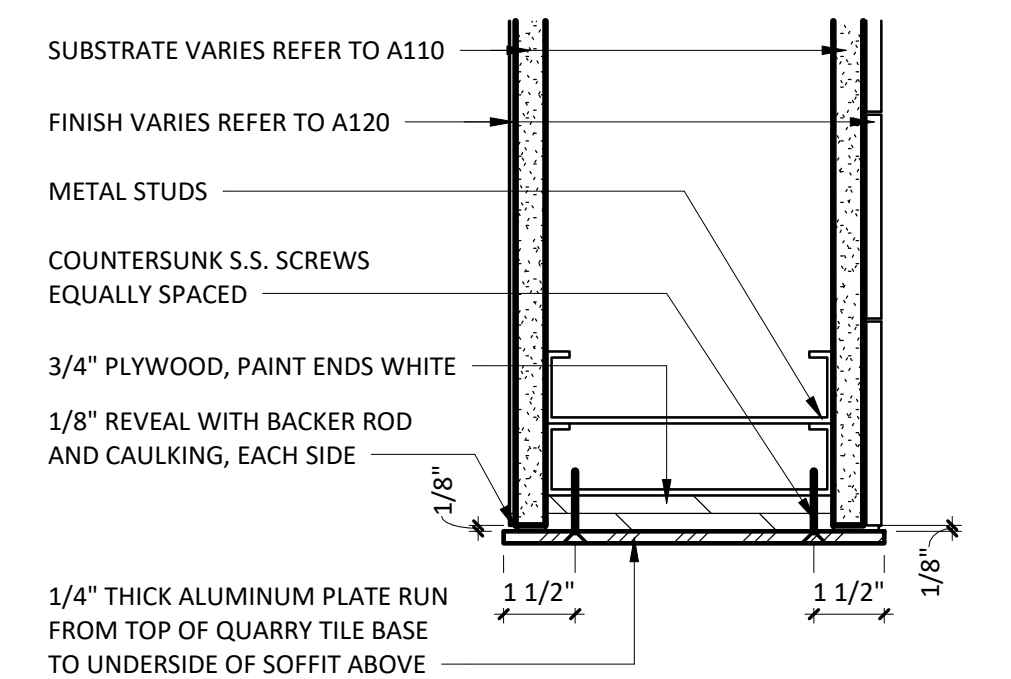
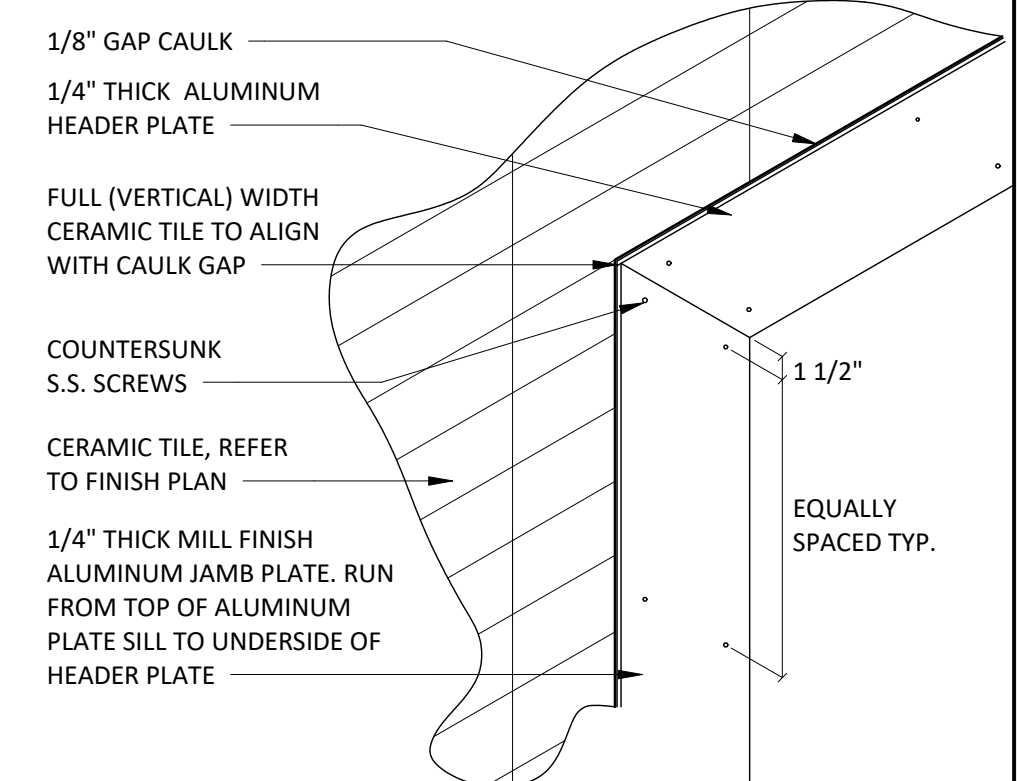
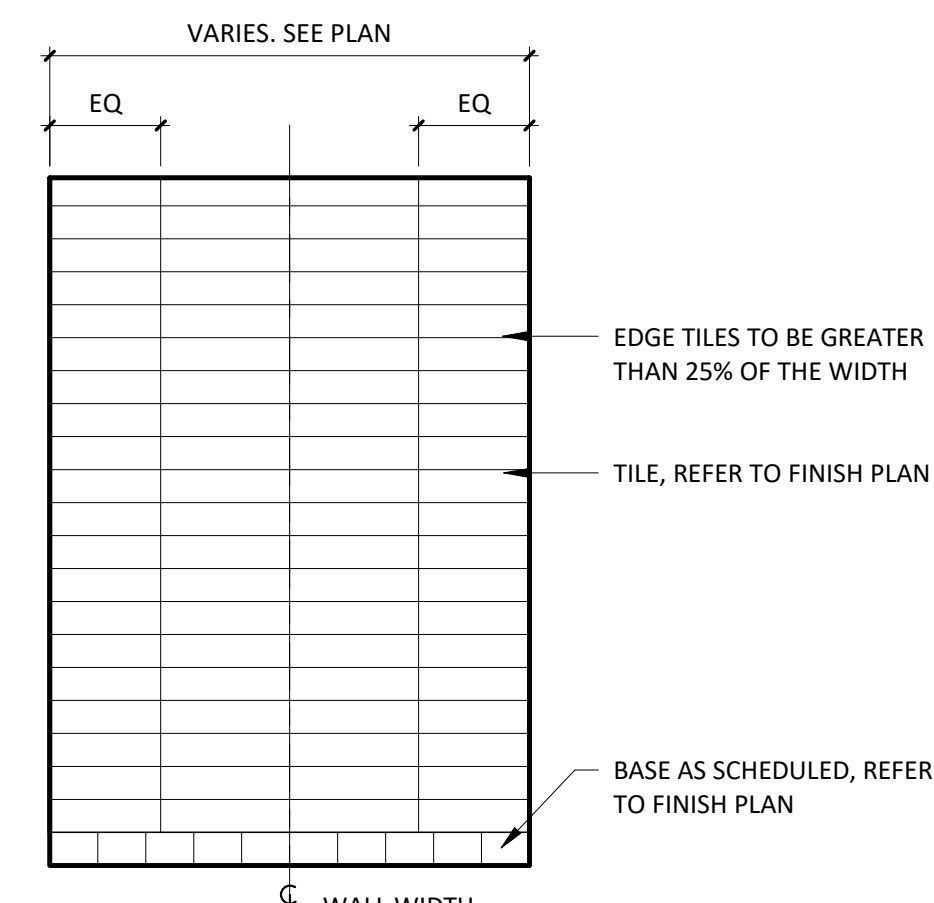
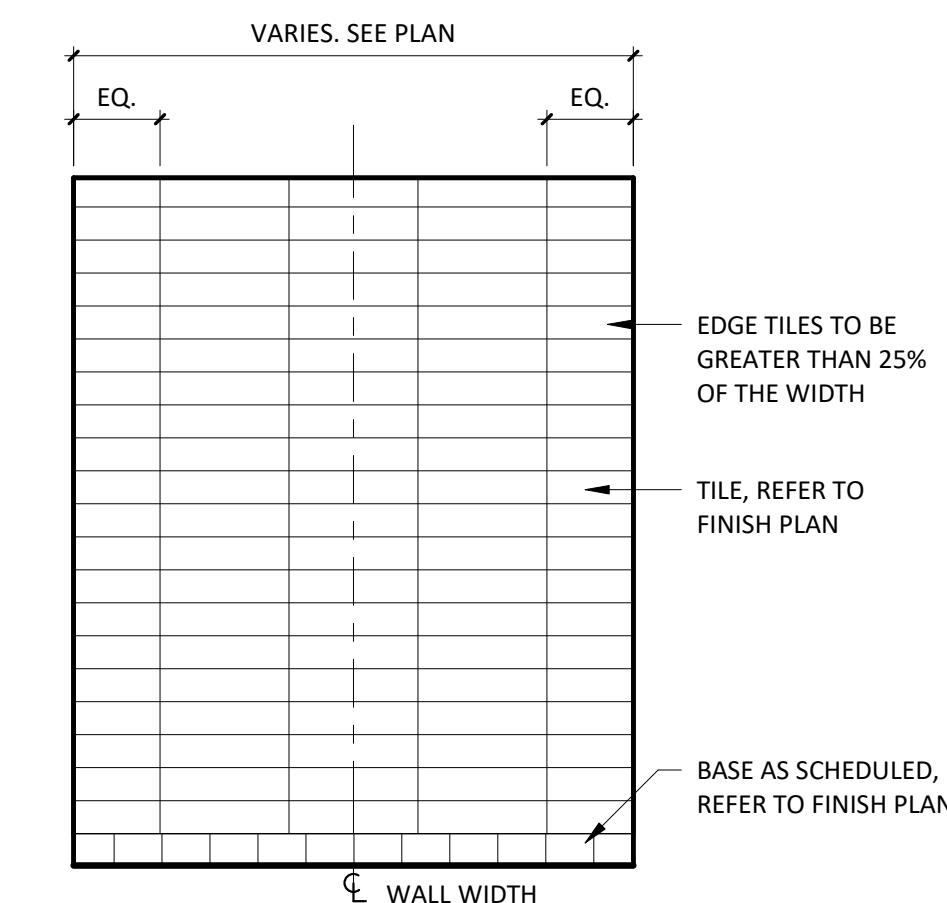
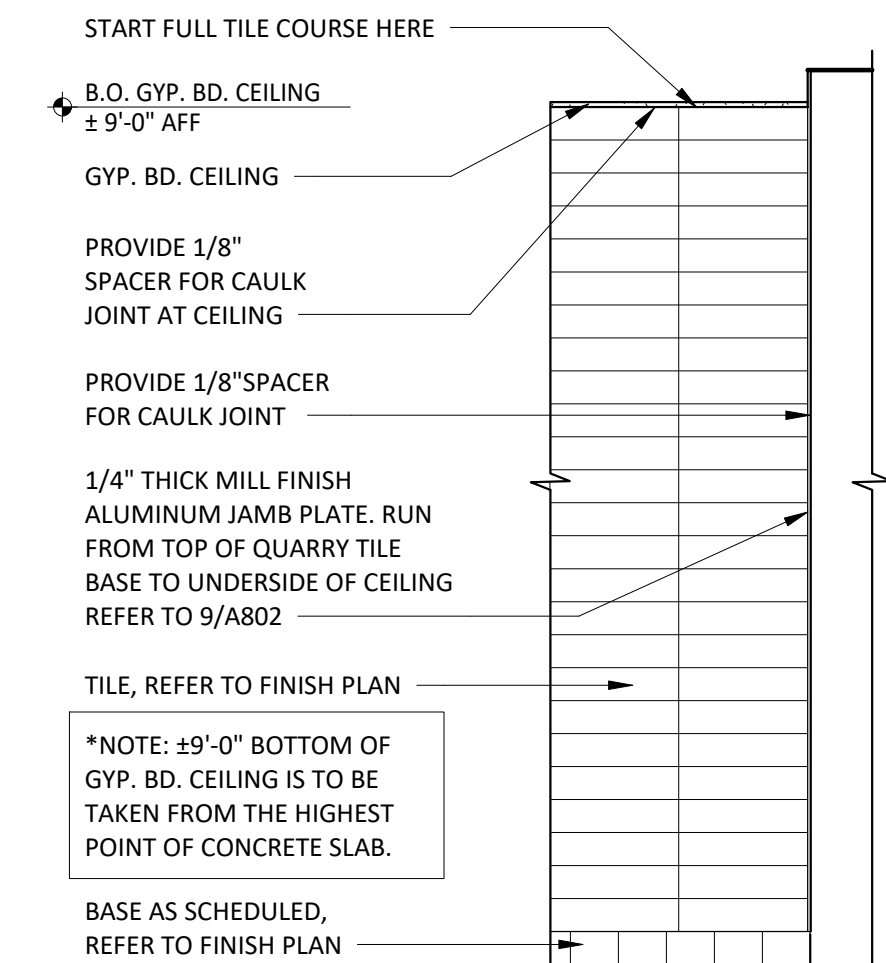
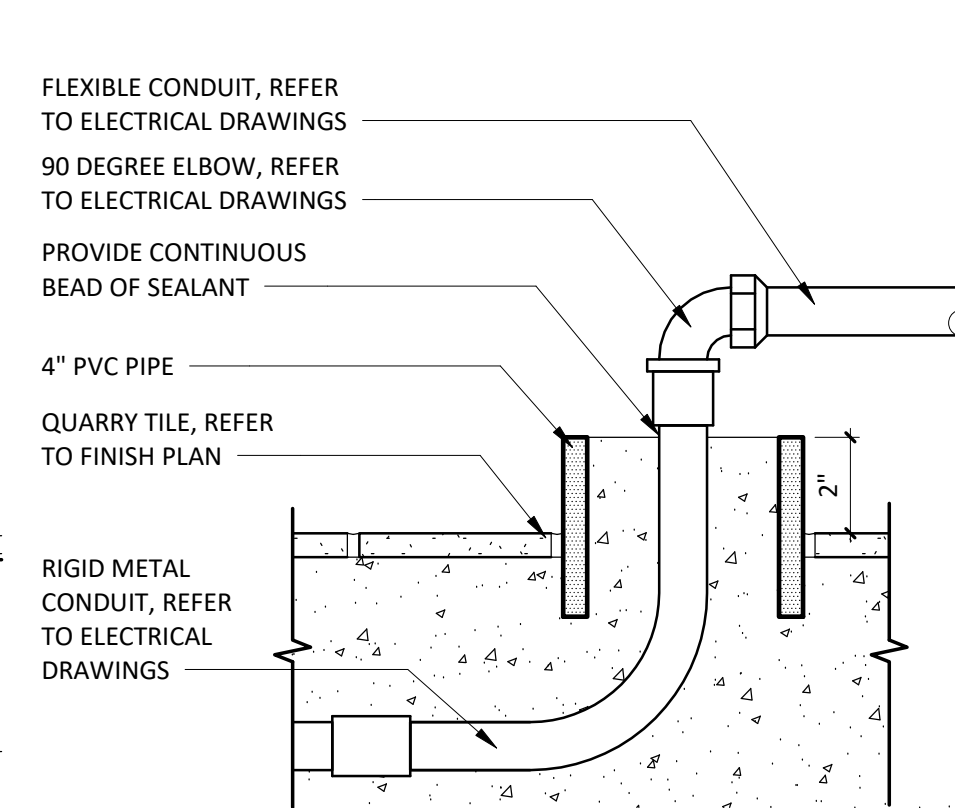
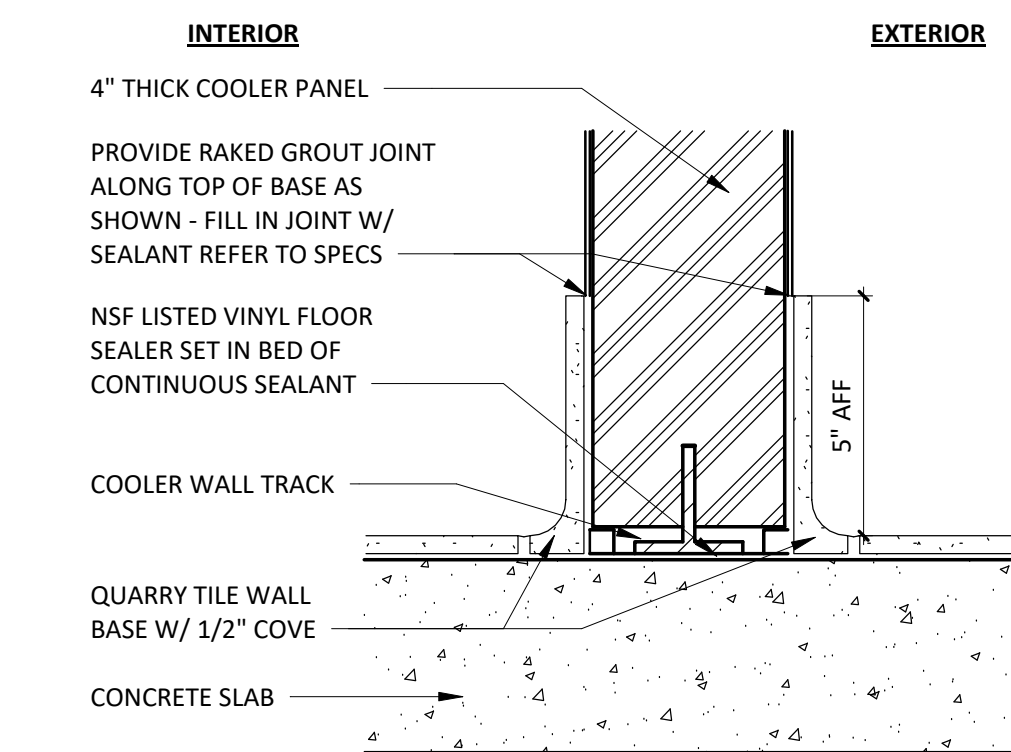
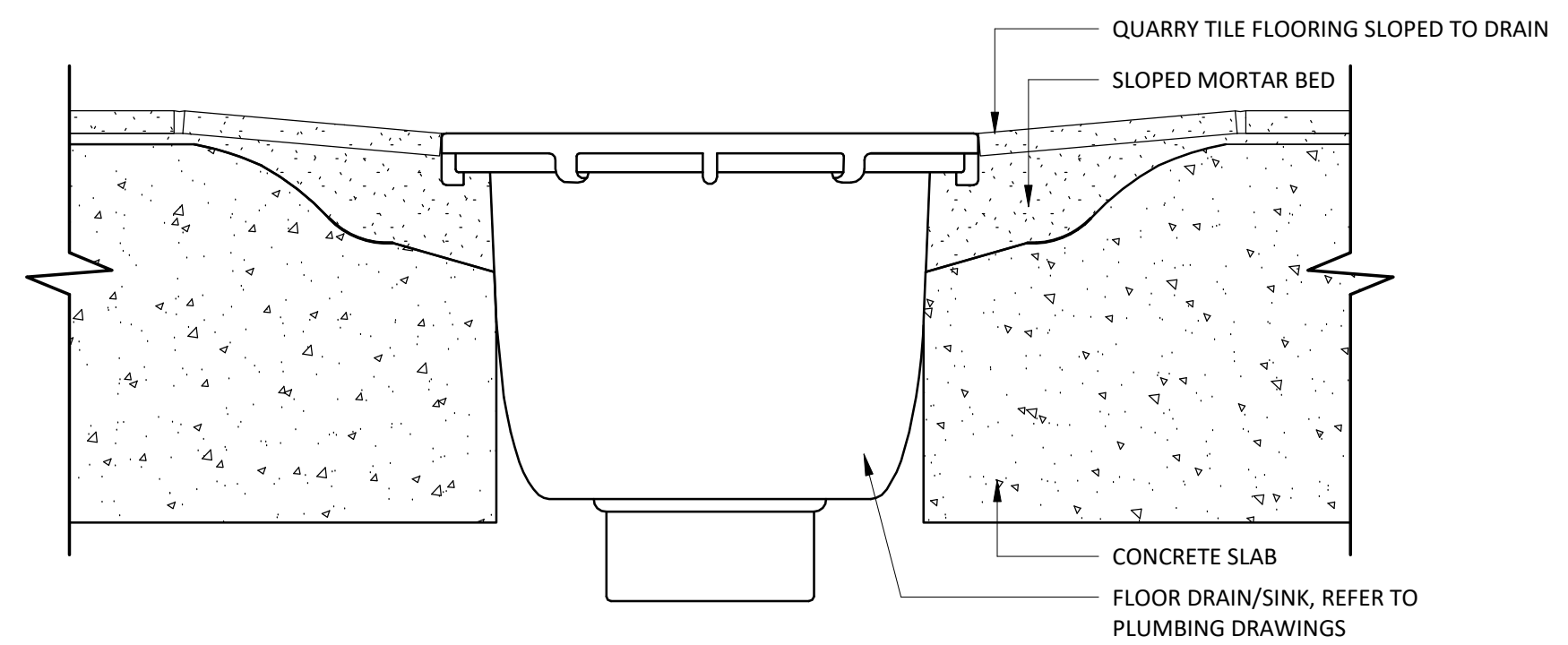
2 A801 3" = 1'-0"





GENERAL NOTES

- TILE INSTALLER SHALL COORDINATE WITH GENERAL CONTRACTOR AND PROVIDE LAYOUT OF ALL WALL TILE PRIOR TO INSTALLATION. GENERAL CONTRACTOR SHALL PREPARE WALLS AS TO NOT HAVE ANY CUT TILES IN EITHER DIRECTION (HORIZONTALLY OR VERTICALLY) ON ANY WALLS. LAYOUT SHALL BE APPROVED BY CHIPOTLE CM PRIOR TO INSTALLATION. CONTRACTOR SHALL CONTACT ARCHITECT OF ANY DISCREPANCIES IN DIMENSIONS FOR DIRECTION PRIOR TO INSTALLATION. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT CONTRACTOR'S COST.
- IF REQUIRED TO CUT TILES, CONTRACTOR TO MEASURE OVERALL WALL WIDTH AND DETERMINE WHICH SOLUTION WILL ALLOW FOR THE GREATER THAN 25% TILE WIDTH AT WALL TERMINATIONS.
- UNLESS OTHERWISE NOTED, ALL WALL TILES SHOULD BE CENTERED ON THE WIDTH OF THE WALL PER DETAIL 1 OR 2.
- THERE SHOULD NEVER BE ANY CUT TILES VERTICALLY BETWEEN THE BASE AND THE CEILING. REFER TO A120 AND A201.





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A900
INTERIOR PERSPECTIVE



1
A900
INTERIOR PERSPECTIVE



4
A900
INTERIOR PERSPECTIVE



3
A900
INTERIOR PERSPECTIVE

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08/27/2024	ISSUE FOR CONSTRUCTION

Revisions:	

Drawn:	Checked:
BJO	MRM

Project No.
1564

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INTERIOR
PERSPECTIVES

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EXTERIOR PERSPECTIVE



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EXTERIOR PERSPECTIVE



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EXTERIOR PERSPECTIVE



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EXTERIOR PERSPECTIVE

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Drawn:	Checked:
SVS	MRM

Project No.
1564

Contents:
EXTERIOR
PERSPECTIVES

SECTION 15732 - PACKAGED ROOFTOP AIR-CONDITIONING UNITS
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: Product Data and Shop Drawings.
B. Comply with ASHRAE 15.
C. EER: Equal to or greater than prescribed by the energy code adopted by the Authority Having Jurisdiction.
D. Warranties: Submit a written warranty, signed by the manufacturer, agreeing to the repair or replacement of components that fail within 5 years of Substantial Completion.

PART 2 - PRODUCTS
2.1 PACKAGED UNITS, 5 TO 20 TONS
A. Factory assembled and tested, consisting of compressors, condensers, evaporator coils, condenser and evaporator fans, refrigeration and temperature controls, filters, and dampers.
1. Refer to Rooftop Heating/Cooling Unit Schedule on drawing M600 for capacities, and manufacturers.
2. Evaporator Fans: Belt or direct driven, forward curved centrifugal.
3. Exhaust/Relief Fans: Direct drive, forward curved centrifugal or propeller.
4. Condenser Fans: Direct drive propeller.
5. Refrigerant Coils: Aluminum fins and copper coil.
6. Compressors: Serviceable hermetic or fully hermetic, with safety controls, hot gas bypass, and timed off controls.
7. Heat Exchangers: Gas fired, with gas controls, electronic ignition, high limit cutout, and forced draft proving switch.
8. Economizer controls (Comparative Enthalpy, 100% capacity).
9. Smoke Detectors: Photoelectric in supply and/or return as called for in schedule on sheet M600.
10. Operating Controls: Two stage heating and two stage cooling on units 7-1/2 tons and over.
11. Roof curb.
12. Control Wiring from T-stat to rooftop unit: Shall be 18ga / 7 conductor, rated for plenum applications.
13. Control Wiring from T-stat to remote sensor: Shall be a separate 18ga / 2 conductor shielded, rated for plenum applications.

PART 3 - EXECUTION
3.1 INSTALLATION
A. Install units level and plumb and firmly anchored.
B. Connect gas piping to burner with pipe same size as gas train inlet, and provide union with sufficient clearance for burner removal and service.
C. Install ducts to termination in roof mounting frames. Terminate ducts through roof structure.
D. Connect units to wiring systems and to ground.

END OF SECTION 15732

SECTION 15810 - DUCTS AND ACCESSORIES
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: Product Data for fire and smoke dampers.
B. Comply with NFPA 90A for systems serving spaces more than 25,000 cu. ft. in volume or building Types II, IV, and V construction more than 3 stories in height.
C. Comply with NFPA 90B for systems serving spaces in 1 or 2 family dwellings or serving spaces less than 25,000 cu. ft..
D. Comply with NFPA 96, "Ventilation Control and Fire Protection of Commercial Cooking Operations," for kitchen hood ducts.
E. Comply with UL 181 and UL 181A for ducts and closures.
F. Testing, Adjusting, and Balancing Agency Qualifications: AABC certified (to be furnished by Tenant).

PART 2 - PRODUCTS
2.1 DUCTS
A. Spiral Duct: Spiral Lock Seam, without insulation, G90 galvanized finish, ASTM A-653/924
1. Basis of Design Manufacturers: Lindab SPIROsafe, alternates to the basis of design must be submitted for review.
2. Fittings: Factory produced standing seam construction with internal sealing. Fittings with a major axis of 36" or smaller shall be 20 gauge. Fittings with a major axis of 37"-48" shall be 18 gauge.
B. Galvanized Steel Sheet: Forming steel, ASTM A 653/653M, G90 coating designation.
C. Duct Liner: ASTM C 1071, Type II, with an airstream surface coated with a temperature resistant coating. Thickness: 1-1/2 inch. R-value : 8.
1. Adhesive: ASTM C 916, Type I.
2. Mechanical Fasteners: Galvanized steel pin, length as required to penetrate liner plus a 1/8 inch projection maximum into the airstream.
D. Joint and Seam Tape: Comply with UL 181A.
E. Joint and Seam Sealant: Comply with UL 181A.
F. Rectangular Metal Duct Fabrication: Comply with SMACNA's "HVAC Duct Construction Standard" for metal thickness, reinforcing types and intervals, tie rod applications, and joint types and intervals.

2.2 ACCESSORIES
A. Volume-Control Dampers: Factory fabricated volume control dampers, complete with required hardware and accessories. Single blade and multiple opposed blade, standard leakage rating, and suitable for horizontal or vertical applications.
B. Fire Dampers: Factory-fabricated fire dampers, complete with required hardware and accessories. UL labeled according to UL 555, "Fire Dampers".
C. Flexible Connectors: Flame retardant or noncombustible fabrics, coatings, and adhesives complying with UL 181, Class 1.
D. Flexible Ducts: Factory fabricated, insulated, round duct, with an outer jacket enclosing 2 inch thick, glass fiber insulation, R-value: 6.0, around a continuous inner liner.

PART 3 - EXECUTION
3.1 INSTALLATION
A. Duct System Pressure Class: Construct and install each duct system with 2 inch positive and negative duct pressure classifications.
B. Conceal ducts from view in finished and occupied spaces. Except where noted as exposed.
C. Avoid passing through electrical equipment spaces and enclosures.
D. Support and connect metal ducts according to SMACNA's "HVAC Duct Construction Standard".
E. Install duct accessories according to applicable portions of details of construction as shown in SMACNA standards.
F. Install liner and/or insulation on ductwork per the material schedule on sheet M010.
G. Install volume control dampers in lined duct with methods to avoid damage to liner and to avoid erosion of duct liner.
H. Install fire and smoke dampers according to manufacturer's UL approved written instructions.
I. Install fusible links in fire dampers.
J. Provide saddle taps at tees for exposed ductwork.

3.2 TESTING, ADJUSTING, AND BALANCING
A. The Tenant will supply an independent balance agent to to balance and adjust the HVAC installation. The balance agent will be responsible for any pulley or belt changes required.
B. The GC is to have trained staffed available during the balancing to correct issues noted by the balance agent.
C. The balance agent is to balance airflow within distribution systems, including submains, branches, and terminals to indicated quantities +/- 10%. The hood exhaust system shall be balanced to a tolerance of -0+10% and the make-up air system to a tolerance of -10+0%.
D. The balance agent is to supply a copy of the balance report to the Tenant, engineer and general contractor for review.

END OF SECTION 15810

SECTION 15855 - DIFFUSERS, REGISTERS, AND GRILLES
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.

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

PART 3 - EXECUTION
3.1 INSTALLATION
A. Coordinate location and installation with duct installation and installation of other ceiling and wall mounted items.
B. Locate ceiling diffusers, registers, and grilles, as indicated on the architectural "reflected ceiling plans." Unless otherwise indicated, locate units in center of acoustical ceiling panels.

END OF SECTION 15855

HVAC MATERIAL SCHEDULE		
CATEGORY	APPLICATION	ALLOWABLE MATERIAL
DUCT	EXPOSED SUPPLY	RECT. LINED OR ROUND AS SHOWN, NO EXPOSED DUCT-SEALING MASTIC
	EXPOSED RETURN	RECTANGULAR, NO EXPOSED DUCT-SEALING MASTIC
	EXPOSED GEN. EXHAUST	RECTANGULAR OR ROUND AS SHOWN, NO EXPOSED DUCT-SEALING MASTIC
	CONCEALED, SUPPLY	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, RETURN	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, GEN. EXHAUST	RECT. OR ROUND AS SHOWN
	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)

HVAC GENERAL NOTES

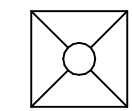
- A GENERAL NOTES APPLY TO HVAC SHEETS.
- B WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION, INCLUDING APPLICABLE SECTIONS OF NFPA, THE MECHANICAL CODE, AND ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL. PURCHASE PERMITS ASSOCIATED 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 RADIUSED 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 MECHANICAL DRAWINGS USING ENGRAVED PHENOLIC PLATES (WHITE WITH BLACK LETTERING).
- M PROVIDE P3000 12 GA. UNISTRUT WITH PG FINISH FOR DUCT SUPPORTS AND OTHER UNISTRUT IN AREAS EXPOSED TO VIEW. SLOTTED UNISTRUT AND OTHER UNISTRUT WITH HOLES IS NOT ACCEPTABLE.

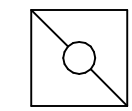
HVAC ABBREVIATIONS

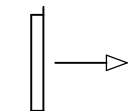
AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
CD CEILING DIFFUSER
CU CONDENSING UNIT
(E) EXISTING
EF EXHAUST FAN
ER EXHAUST REGISTER
EXT'G EXISTING
HD HOOD
MUA MAKEUP AIR UNIT
OBD BLADE DAMPER
RG RETURN GRILLE
RTU ROOFTOP UNIT
SR SUPPLY REGISTER
VSC VARIABLE SPEED CONTROL

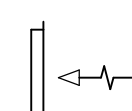
COZAS TENANT'S CO2 ALARM SUPPLIER
GC GENERAL CONTRACTOR
HES TENANT'S HVAC EQUIPMENT SUPPLIER
HS TENANT'S HOOD SUPPLIER
KES TENANT'S KITCHEN EQUIPMENT SUPPLIER
TAB TENANT'S TEST AND BALANCE VENDOR
TCC TENANT'S CABLING CONTRACTOR
TDC TENANT'S DUCT CLEANER
TEMS TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
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 SANITIZER SUPPLIER
WCS TENANT'S WALK-IN COOLER SUPPLIER
WHS TENANT'S WATER HEATER SUPPLIER

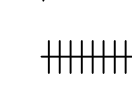
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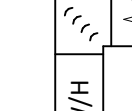
 CEILING DIFFUSER

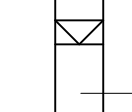
 CEILING-MOUNTED RETURN OR EXHAUST REGISTER

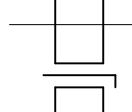
 SUPPLY REGISTER

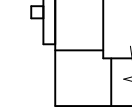
 RETURN GRILLE

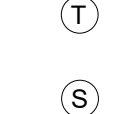
 FLEXIBLE DUCT

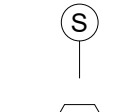
 MITERED CORNER WITH TURNING VANES

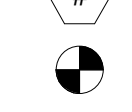
 DUCTWORK INTERNAL FREE DIMENSIONS (WIDTH/HEIGHT) RECTANGULAR TO ROUND DUCT TRANSITION

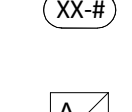
 DUCT-MOUNTED SMOKE DETECTOR

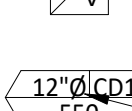
 MOTOR-OPERATED DAMPER

 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

Consultant:

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02/01/2024 ISSUE FOR PERMIT
08/27/2024 ISSUE FOR CONSTRUCTION

Revisions:

Drawn: DAA/JTU
Checked: DAA

Project No.
2301116

Contents:

HVAC
SPECIFICATIONS

M010

SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.

PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTER AND RETURN GRILL BLACK. TYPICAL.

REFER TO ARCHITECTURAL SHEETS FOR SUPPLY REGISTER ELEVATIONS AND LOCATIONS.

34/12 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.

28/12 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.

28/16 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.

28/16 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.

14/14 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.

16/16 DUCT UP FROM HOOD THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96. PROVIDE RADIUSED ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.

8/6 DUCT UP THROUGH ROOF TO EF-2.

28/6 DUCT DOWN TO MAKEUP AIR PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL FOR 3.

8" DIA. DUCT DOWN TO AC PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL. CAP UNUSED DUCT CONNECTIONS.

INSTALL SINGLE GANG VERTICAL J-BOX 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 8/7/10.

INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 60" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/7/10.

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 8/7/10.

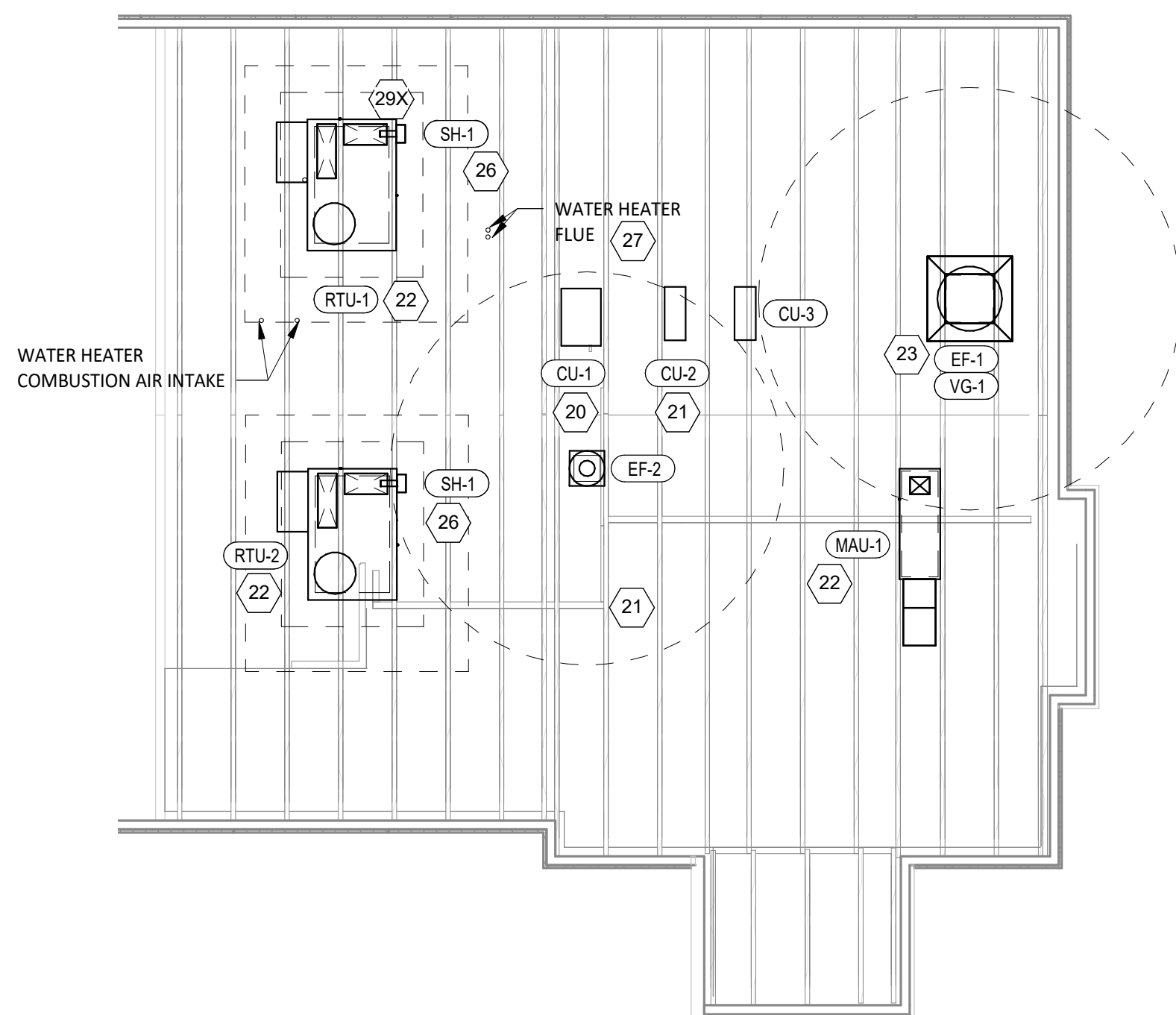
INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/7/10.

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 8/7/10.

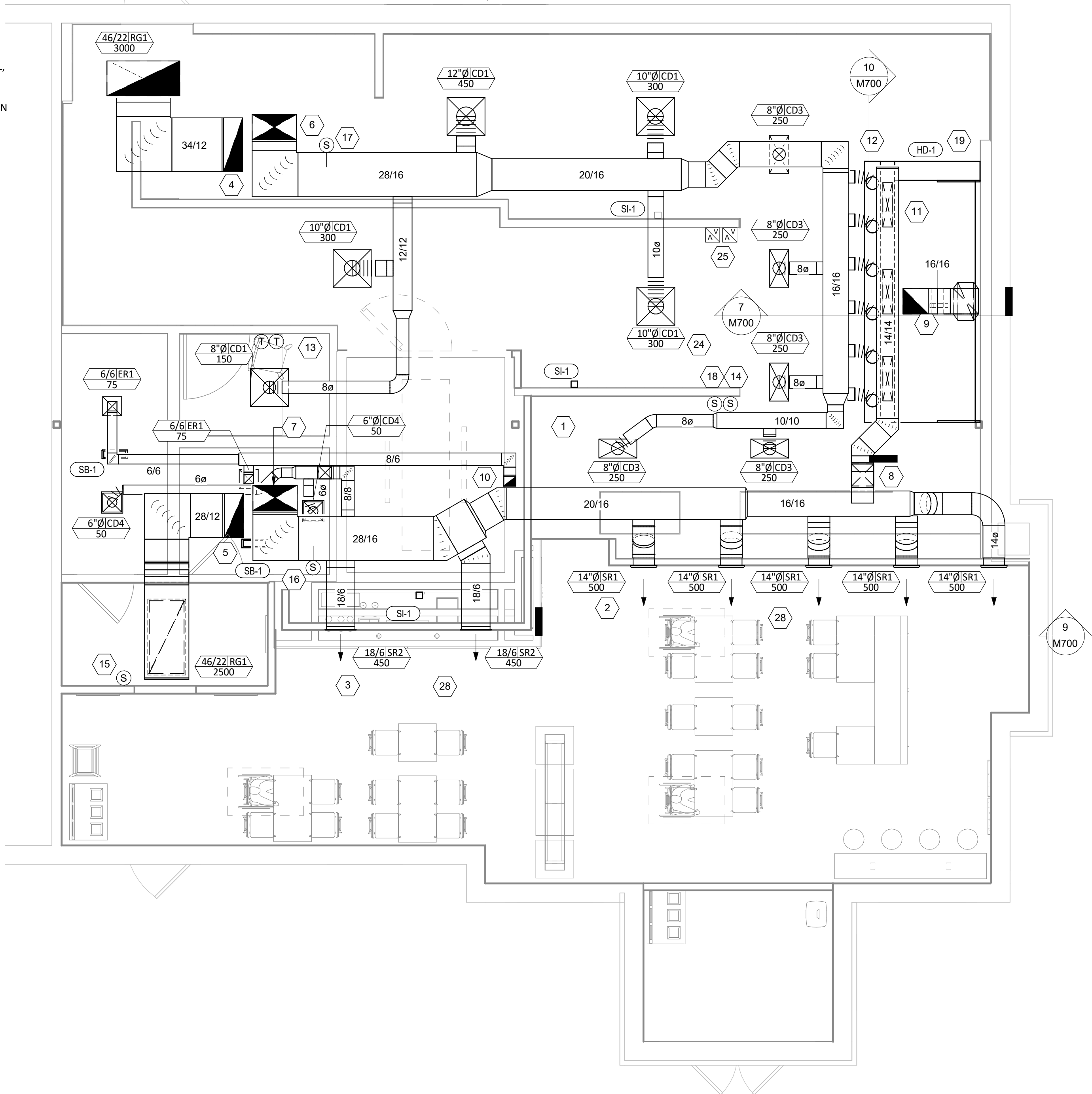
INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 60" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.

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.

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.



21. 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 WEATHER-PROOF 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.
22. INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
23. INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIRGOARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.
24. PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
25. PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. REQUIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
26. 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.
27. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.
28. 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.
- 29X. 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 ARCHITECTURAL DRAWINGS FOR SHEAR WALL LOCATION.



M100

GRILLS, REGISTERS, AND DIFFUSERS SCHEDULE										
TAG	DESCRIPTION	FACE SIZE	MATERIAL	FINISH	MOUNTING	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		NOTES
								MANUFACTURER	MODEL	
CD1	PERFORATED CEILING DIFFUSER	24" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE INTEGRAL OBD
CD3	PERFORATED CEILING DIFFUSER	24" X 12"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE INTEGRAL OBD, REMOVE 4-WAY DEFLECTOR
CD4	PERFORATED CEILING DIFFUSER	12" X 12"	ALUMINUM	WHITE	GYP CEILING	GC	GC	NAILOR	4320A TYPE S	PROVIDE INTEGRAL OBD
ER1	PERFORATED CEILING EXHAUST	12" X 12"	ALUMINUM	WHITE	GYP CEILING	GC	GC	NAILOR	4330R TYPE S	PROVIDE INTEGRAL OBD
RG1	PERFORATED CEILING RETURN	48" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4330R TYPE L	
SR1	ADJUSTABLE TURBO NOZZLE	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	AIR CONCEPTS	ANR-14	PROVIDE FACE-ACCESSIBLE OBD
SR2	DOUBLE DEFLECTION SUPPLY REGISTER	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	NAILOR	51DH	PROVIDE INTEGRAL OBD

SANITIZING EQUIPMENT SCHEDULE							
TAG	COUNT	DESCRIPTION	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MANUFACTURER	MODEL	
SB-1	2	BATHROOM AIR PURIFICATION UNIT	TUV	GC	RGF ENVIRONMENTAL GROUP	BRU ASSEMBLY	SEE ELECTRICAL SHEETS FOR CONNECTION INFORMATION
SH-1	2	HVAC AIR PURIFICATION UNIT	TUV	GC	RGF ENVIRONMENTAL GROUP	REME-HALO	SEE DETAIL 6/M700 FOR INSTALLATION INFORMATION.
SI-1	3	ICE MACHINE TREATMENT SYSTEM	TUV	GC	RGF ENVIRONMENTAL GROUP	IMS-B-GA	SEE PLUMBING DRAWINGS FOR INSTALLATION INFORMATION.

VIROGUARD SCHEDULE								
TAG	QUANTITY	DESCRIPTION	DUCT CONNECTION SIZE	FAN	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN	
VG-1	1	VIROGUARD HOOD EXHAUST FAN ROOFTOP CONTAINMENT SYSTEM	16" X 16"	CAPTIVE-AIRE DU180HFA	TDC	GC	ENVIROMATIC	

FAN SCHEDULE											
TAG	DRIVE TYPE	EXHAUST FLOW [CFM]	E.S.P. [in W.C.]	WEIGHT [lbs]	ELECTRICAL		FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
EF-1	DIRECT	2550 CFM	1.20 in-wg	400	2	208/3/60	HS	GC	CAPTIVE-AIRE	DU180HFA	FURNISHED WITH DISCONNECT AND VENTED ROOF CURB
EF-2	DIRECT	150 CFM	0.60 in-wg	100	0.18 HP	120/1/60	HS	GC	CAPTIVE-AIRE	DR12HFA	FURNISHED WITH DISCONNECT, VARIABLE SPEED CONTROLLER, BACKDRAFT DAMPER AND ROOF CURB

MAKEUP AIR UNIT SCHEDULE															
TAG	DESCRIPTION	AIRFLOW		HEATING CAPACITY				APPROXIMATE WEIGHT [lbs]	ELECTRICAL		FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
		SUPPLY FLOW [CFM]	E.S.P. [in. W.C.]	INPUT [MBH]	OUTPUT [MBH]	MAXIMUM TURNDOWN	EAT		MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
MAU-1	MAKEUP AIR UNIT	1300	0.80	225	220	12.5:1	0 °F	650	1 HP	208/3/60	HS	GC	CAPTIVE-AIRE	A1-D.250-15D	FURNISHED WITH DISCONNECT, ROOF CURB, SCREEN INTAKE, AND WASHABLE ALUMINUM FILTERS

CONDENSING UNIT SCHEDULE															
TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	NUMBER OF COMPRESSORS	NUMBER OF CIRCUITS	REFRIGERANT TYPE	REFRIGERANT CHARGE	WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
								MOCP	FLA	V/P/H			MANUFACTURER	MODEL	
CU-1	Walk-in Cooler Remote Condensing Unit	--	1	1	R-404A		260	15 A	6.8 A	208/1/60			Kolpak	PC069T3	FURNISHED WITH WALK-IN COOLER
CU-2	ICE MAKER - REMOTE CONDENSER	--	0	1	R-404A	11 lbs 7.4 oz	100			120/1/60	KES	GC	-	-	FURNISHED WITH ICE MAKER
CU-3	ICE MAKER - REMOTE CONDENSER	--	0	1	R-404A	11 lbs 7.4 oz	100			120/1/60	KES	GC	-	-	FURNISHED WITH ICE MAKER

KITCHEN HOOD SCHEDULE																										
TAG	DESCRIPTION	MAX COOKING TEMP.	EXHAUST PLENUM							PERFORATED SUPPLY PLENUMS										NUMBER OF LIGHT FIXTURES	APPROXIMATE WEIGHT [lbs]	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
			AIRFLOW [CFM]	SP [in. W.C.]	DUCT COLLARS			LENGTH	WIDTH	SP [in. W.C.]	SUPPLY PLENUM LENGTH	SUPPLY PLENUM WIDTH	MAU PLENUM			AC PLENUM			MANUFACTURER					MODEL		
					NO.	WIDTH	LENGTH						AIRFLOW [CFM]	DUCT COLLARS		AIRFLOW [CFM]	DUCT COLLARS									
														NO.	DIAMETER		NO.	DIAMETER								
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	600°F	2550	0.97	1	10"	24"	12' - 9"	4' - 3"	0.1	13' - 9"	19"	1300	3	6"	28"	700	6	8"	8	1100	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACPSP-F	MAT'L: 18 GA. TYPE 430 SS. PROVIDE WITH VERTICAL END PANELS, 16" TALL HE SS FILTERS, INTEGRAL UTILITY CABINET, KITCHEN EXHAUST SUPPRESSION SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTACT, AND 4-POLE 20A CONTACTOR

ROOFTOP UNIT SCHEDULE																											
TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	EER	AIRFLOW			NET COOLING CAPACITY					HEATING CAPACITY			# OF COMPRESSORS	# OF CIRCUITS	REFRIG. TYPE	REFRIG. CHARGE	APPROX. WEIGHT [lbs]	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
				TOTAL [CFM]	OA [CFM]	ESP [IN. W.C.]	TOTAL [MBH]	SENSIBLE [MBH]	EAT [DEG. F] DB	WB	COND. EAT [DEG. F]	INPUT [MBH]	OUTPUT [MBH]	EAT [DEG. F]						MOCP	FLA	V/P/H			MANUFACTURER	MODEL	
RTU-1	KITCHEN ROOFTOP UNIT	10	12	3500	500	0.5	115	68	76	67	98	250	205	62	2	2	R-410A	25.6	1500	60 A	49.0 A	208/3/60	HES	GC	CARRIER	48FC_M11	FURNISHED WITH HINGED ACCESS PANELS, SINGLE CIRCUIT TWO STAGE COOLING WITH HUMIDI-MIZER ULTRA LOW LEAK ECONOMIZER W/ DUAL ENTHALPY CONTROLS, BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, MERV-8 FILTERS, CURB, HAIL GUARD, DISCONNECT, & UNIT-MOUNTED NON-POWERED CONVENIENCE RECEPTACLE
RTU-2	DINING ROOM ROOFTOP UNIT	10	12	3500	1000	0.5	121	69	80	70	100	250	205	54	2	2	R-410A	25.6	1500	60 A	49.0 A	208/3/60	HES	GC	CARRIER	48FC_M11	FURNISHED WITH HINGED ACCESS PANELS, SINGLE CIRCUIT TWO STAGE COOLING WITH HUMIDI-MIZER ULTRA LOW LEAK ECONOMIZER W/ DUAL ENTHALPY CONTROLS, BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, MERV-8 FILTERS, CURB, HAIL GUARD, DISCONNECT, & UNIT-MOUNTED NON-POWERED CONVENIENCE RECEPTACLE

AIR BALANCE SCHEDULE				
Tag	Supply Flow [CFM]	Return Flow [CFM]	Exhaust Flow [CFM]	Subtotal [CFM]
EF-1	0	0	2550	-2550
EF-2	0	0	150	-150
MAU-1	1300	0	0	1300
RTU-1	3500	3000	0	500
RTU-2	3500	2500	0	1000
Net Pressurization [CFM]				100

CONTROL FUNCTIONS

- A. THE MAIN COOKING EXHAUST FAN AND MAKE-UP AIR UNIT SHALL BE INTERLOCKED TO OPERATE TOGETHER. THIS CONTROL CIRCUIT IS ACTIVATED BY A SWITCH AND INCLUDES A FIRE PROTECTION OVERRIDE.
- B. THE TEMPERATURE IN EACH ZONE IS CONTROLLED BY SPACE TEMPERATURE SENSORS CONNECTED TO THE THERMOSTATS LOCATED IN THE OFFICE. ALL ZONES SHALL OPERATE WITH CONTINUOUS FAN OPERATION DURING OCCUPIED TIMES AND INTERMITTENTLY AS NEEDED TO MAINTAIN SET POINTS DURING UNOCCUPIED TIMES. OUTSIDE AIR DAMPERS SHALL BE OPEN CONTINUOUSLY WHEN EITHER IN OCCUPIED MODE OR WHEN THE HOOD SYSTEM IS ON AND SHALL BE CLOSED DURING UNOCCUPIED PERIODS.
- C. THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS BASED ON THE SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.

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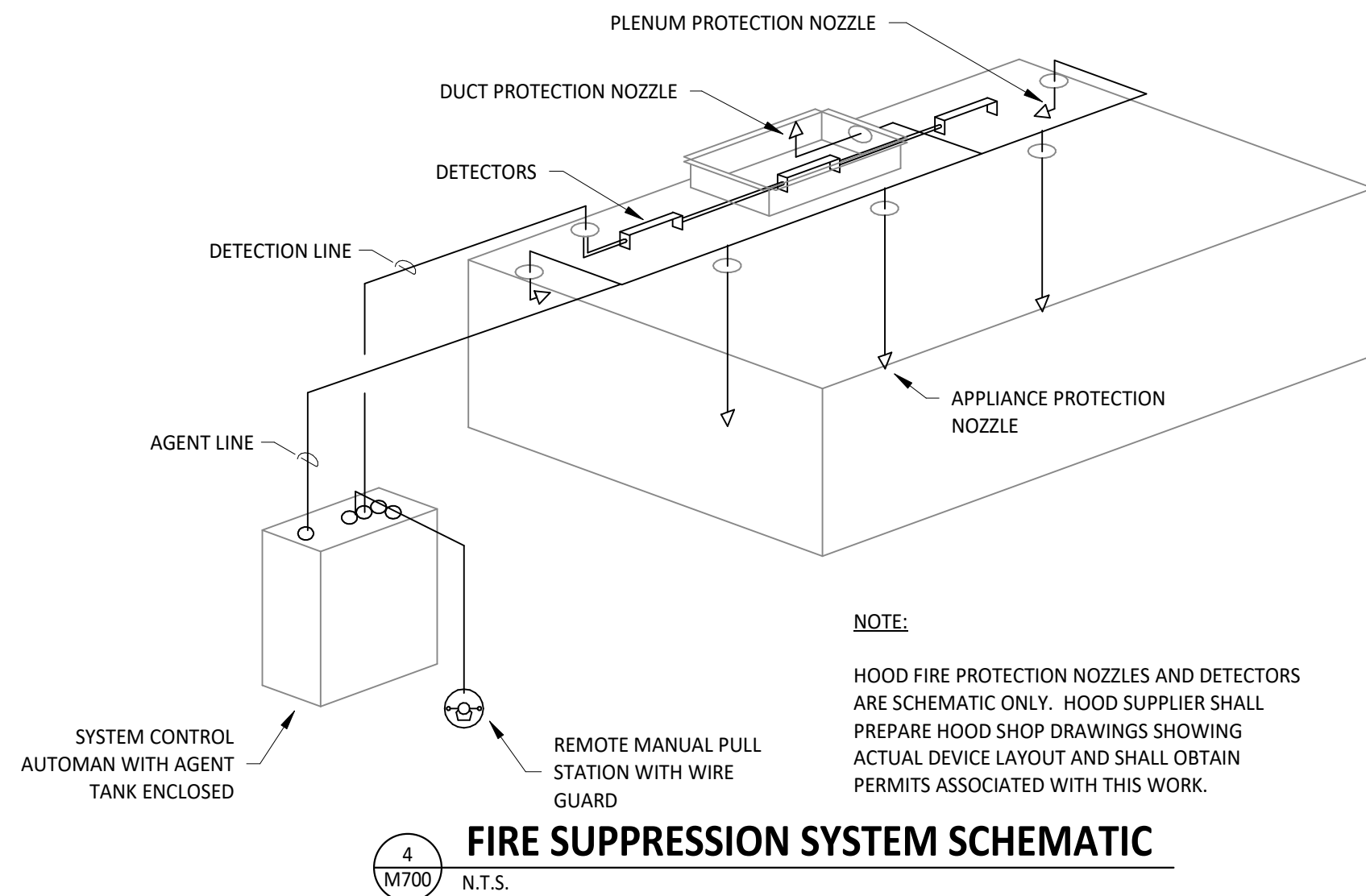
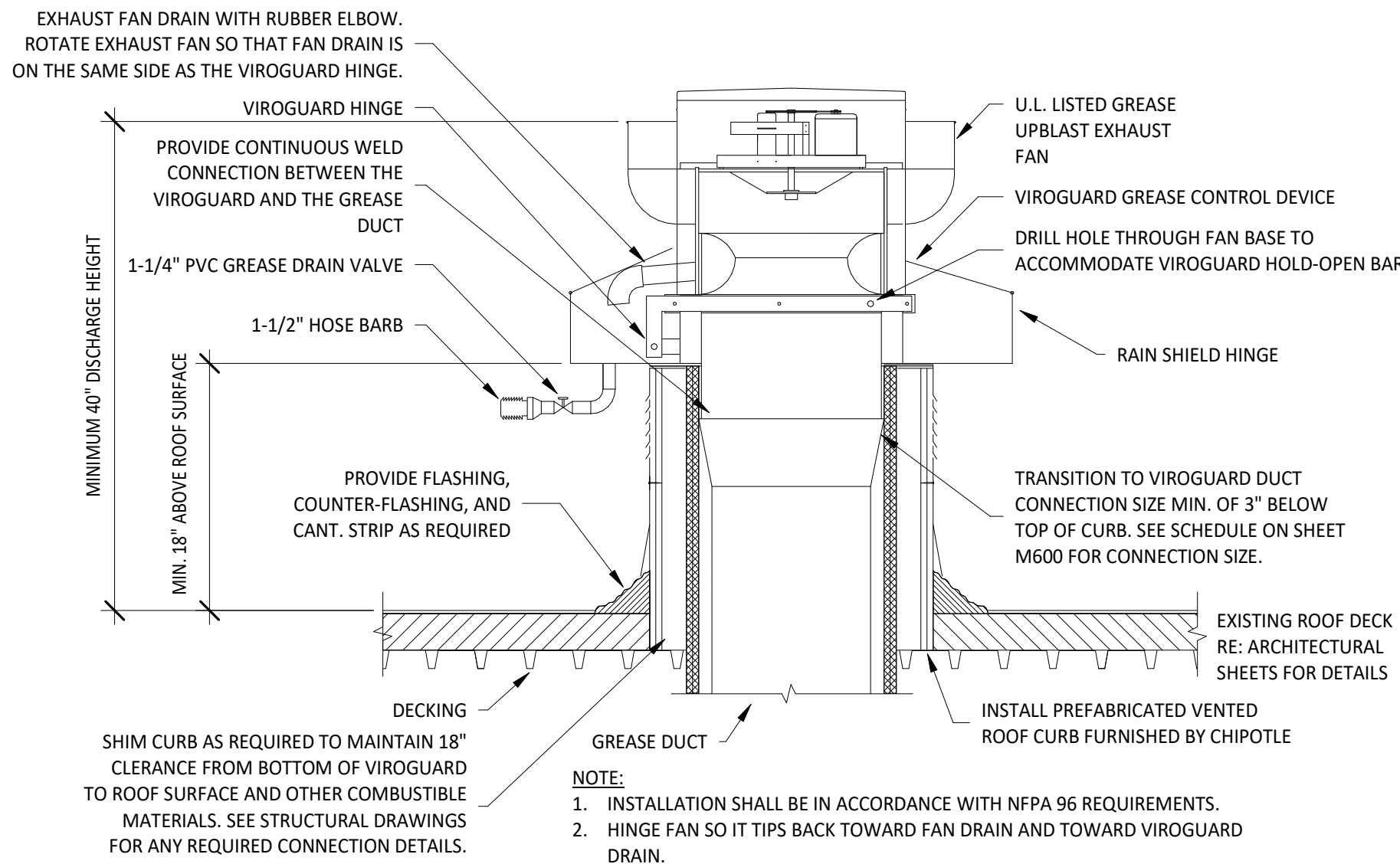
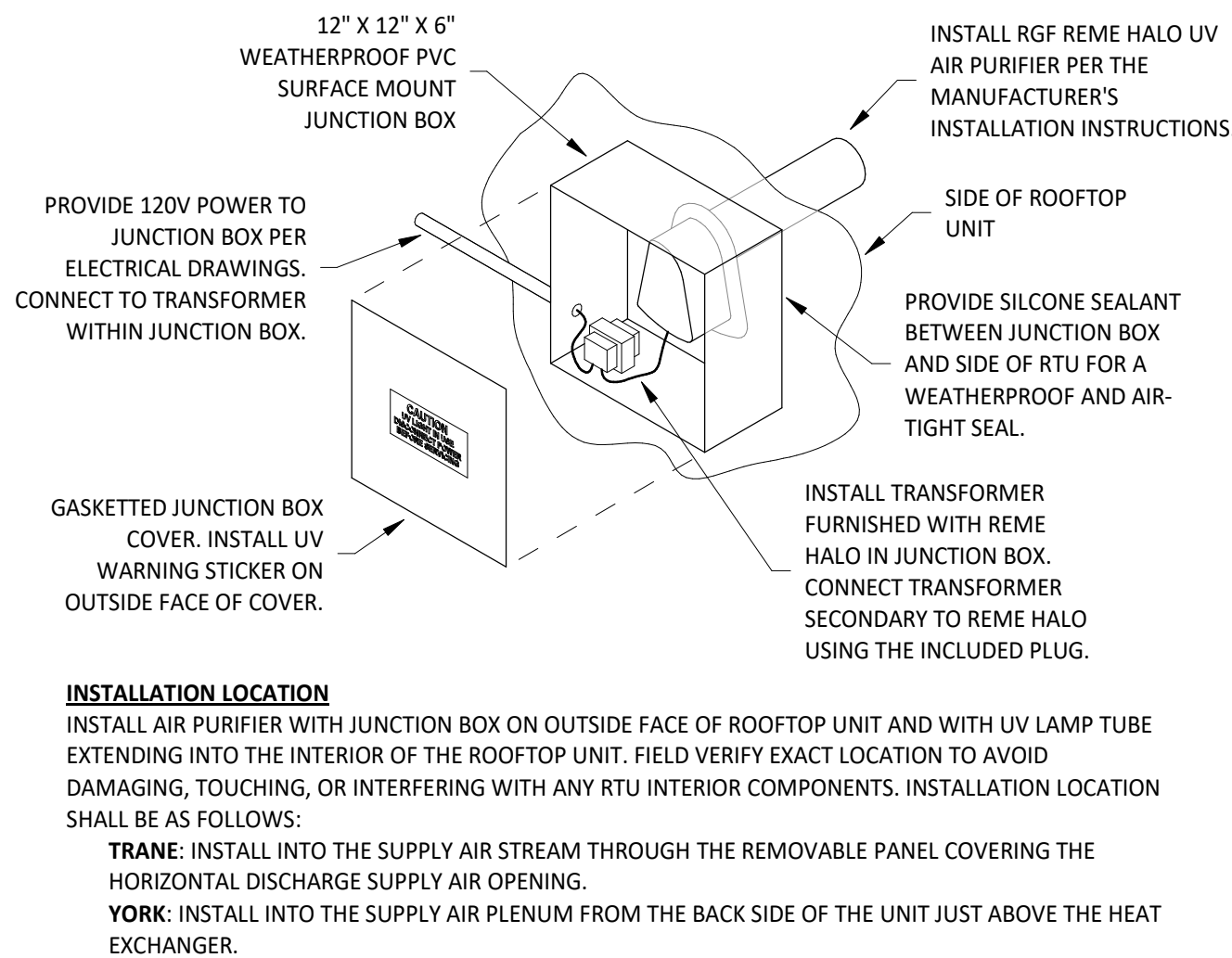
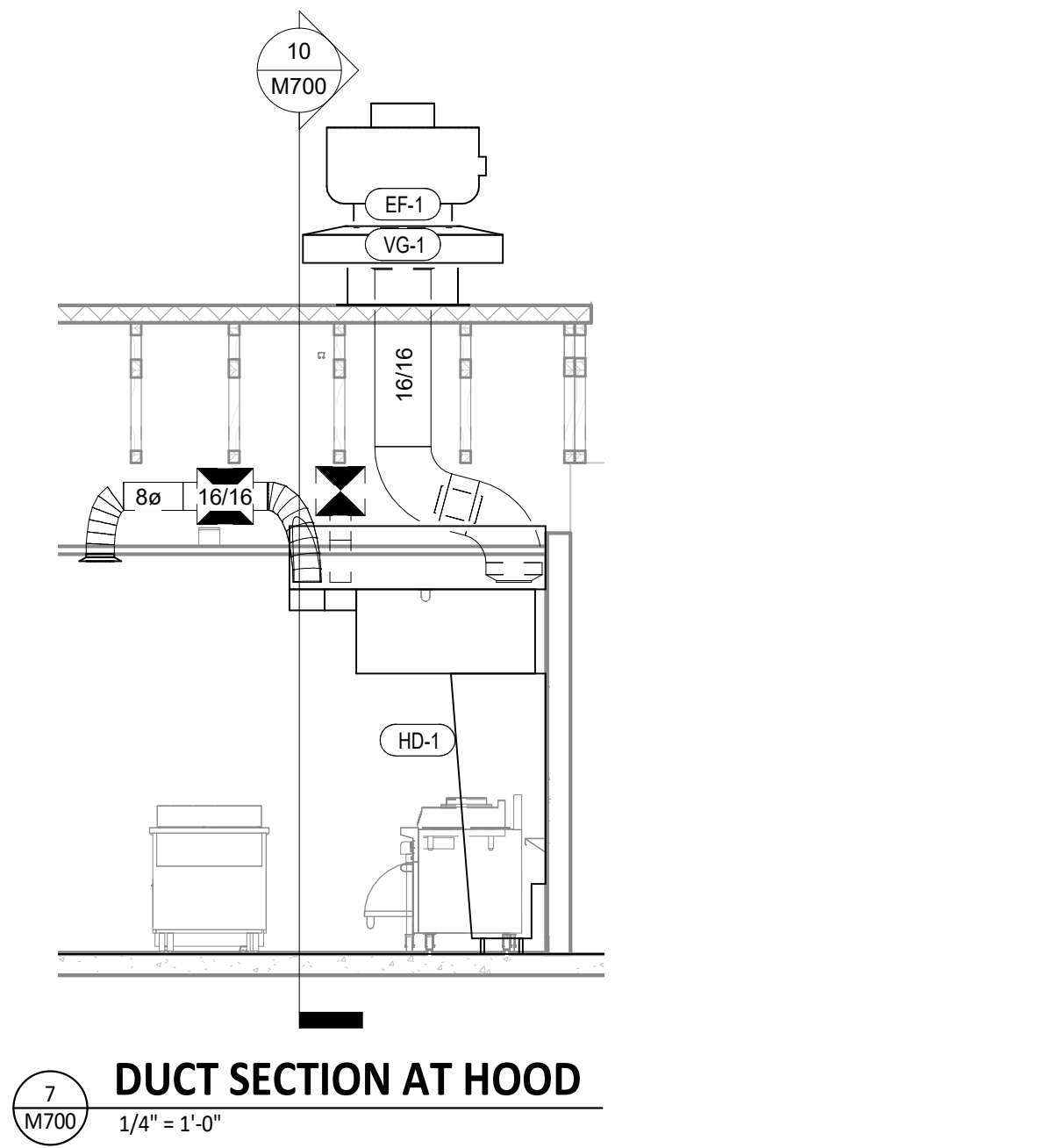
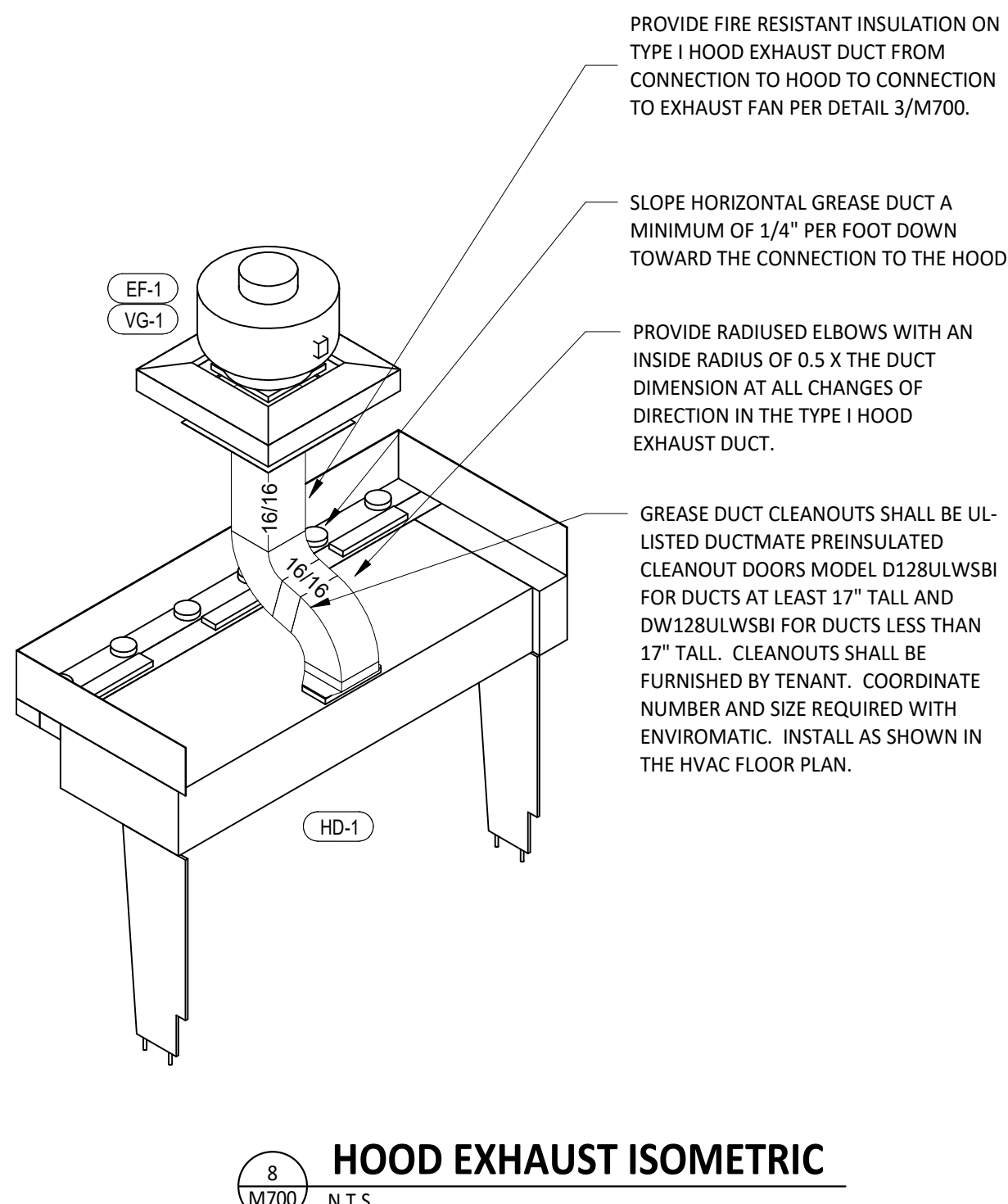
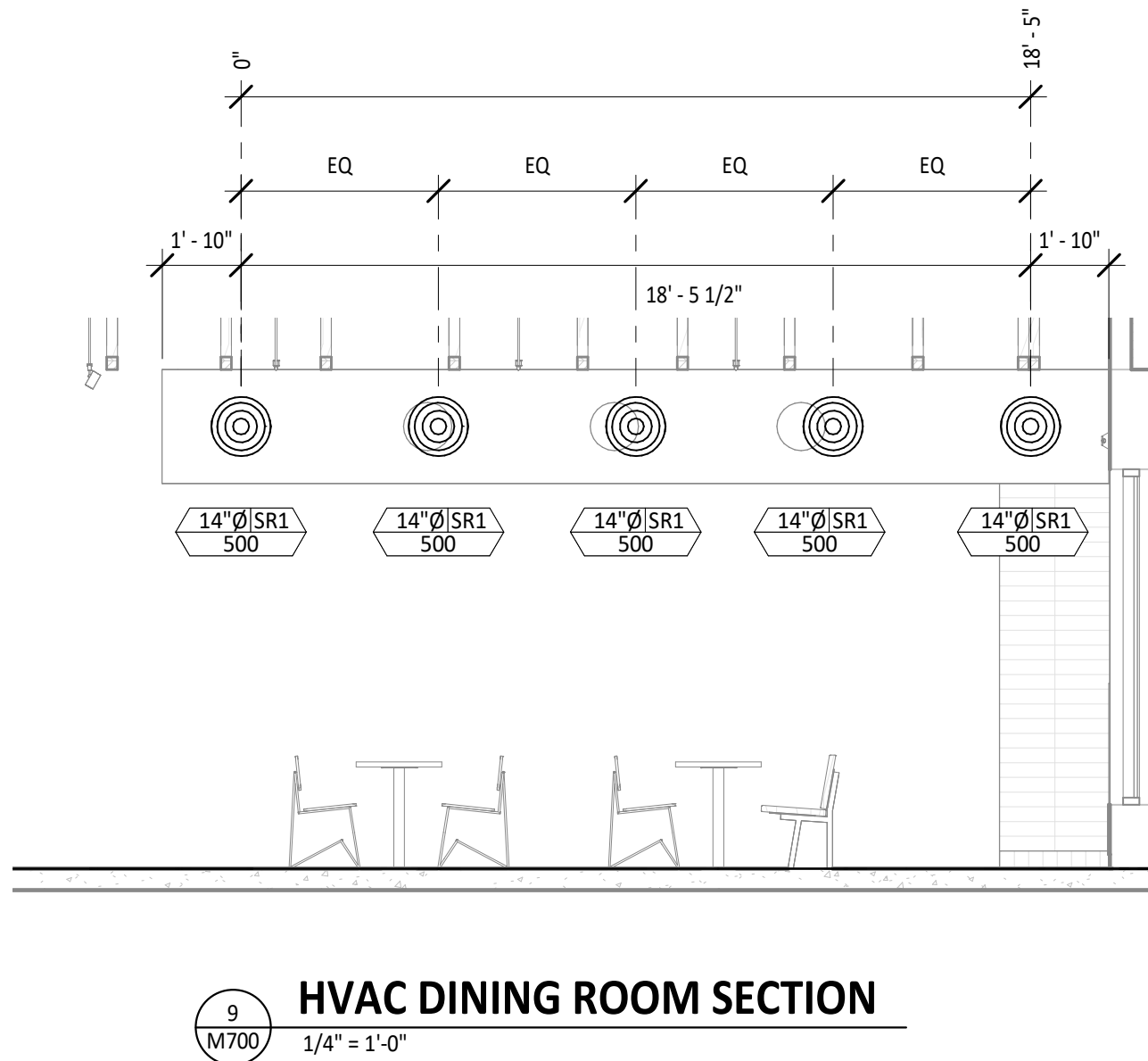
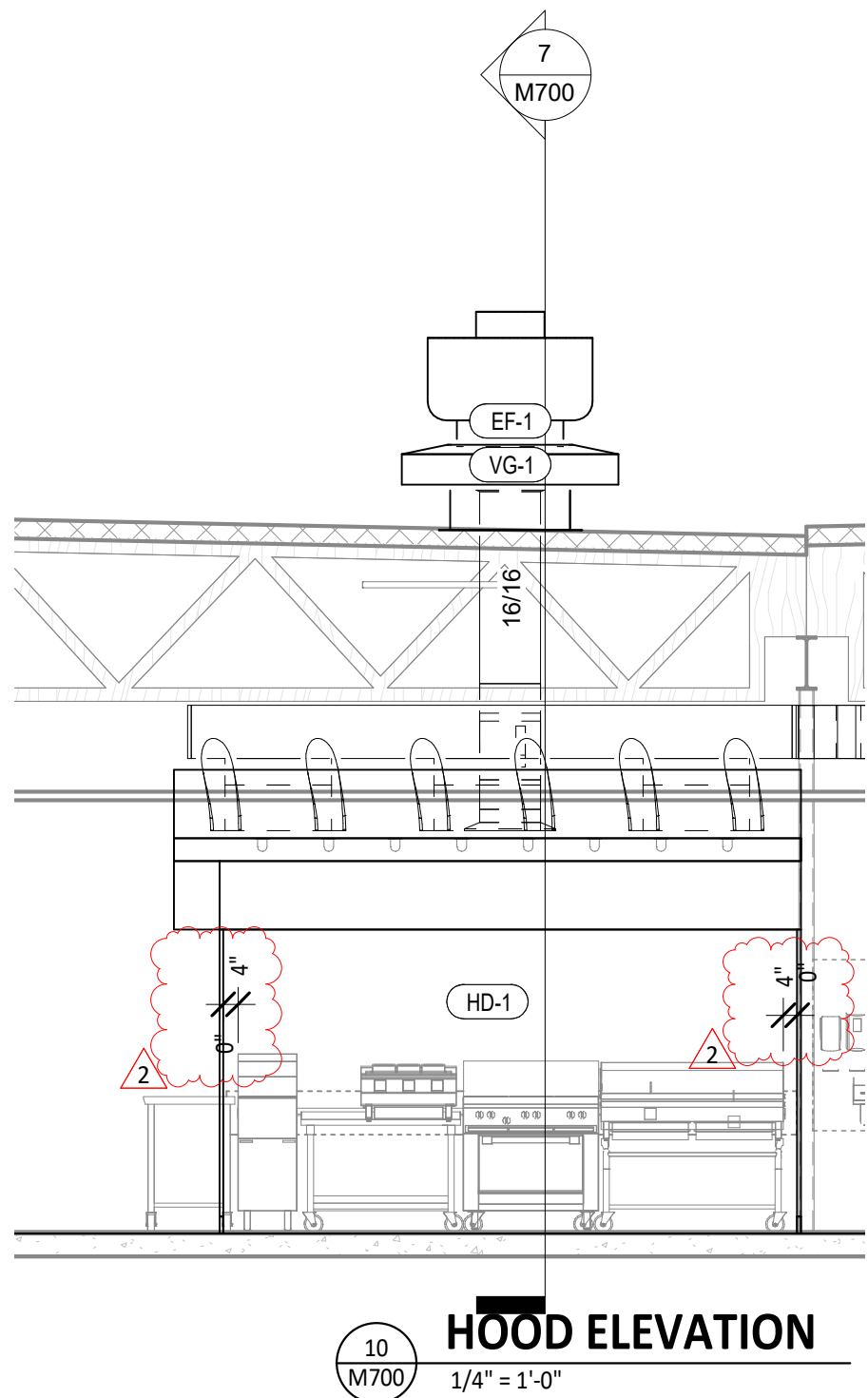
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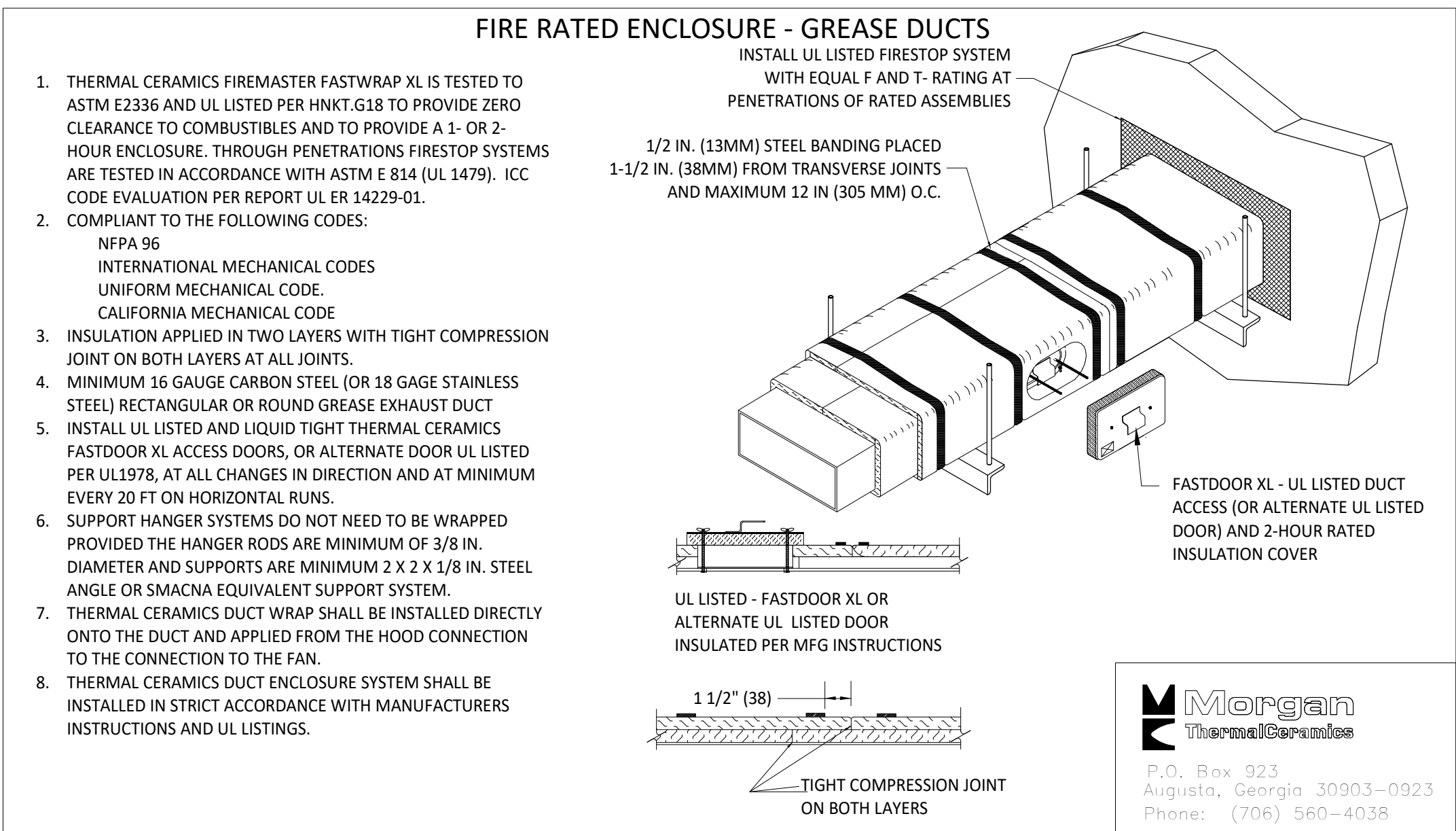
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HVAC SCHEDULES

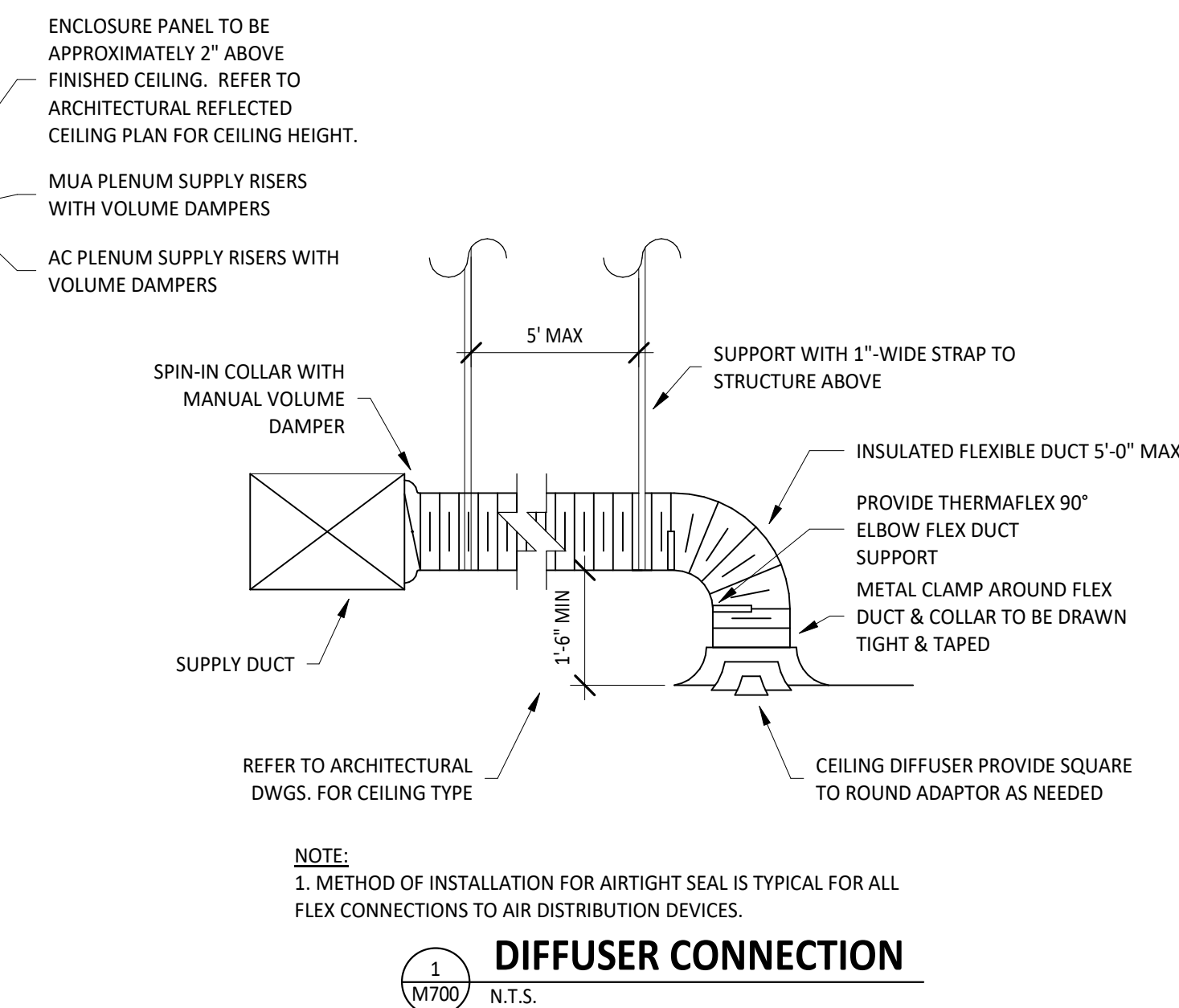
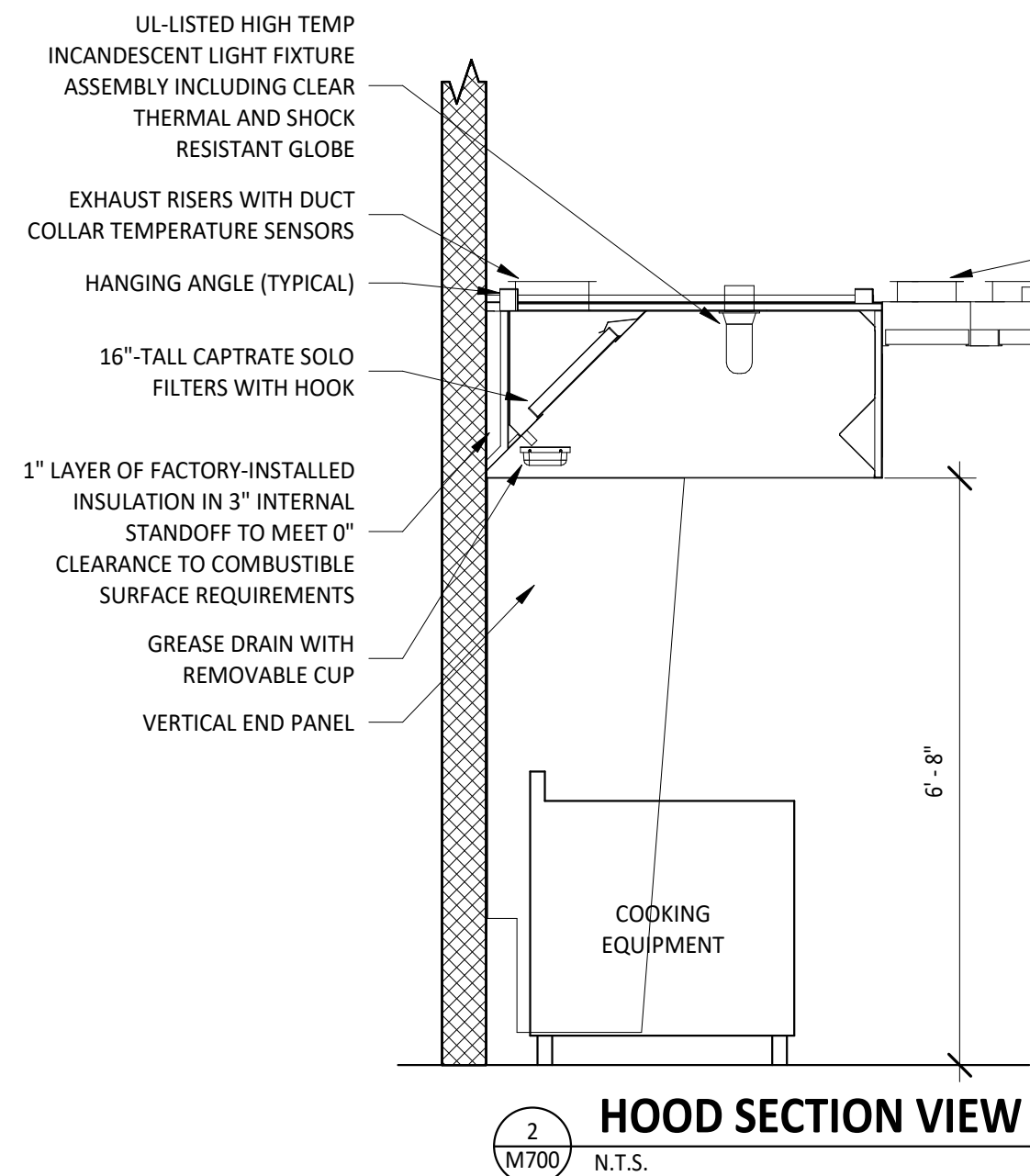
M600



UV AIR PURIFIER INSTALLATION



GREASE EXHAUST FAN



FIREMASTER DUCT WRAP - UL HNKT-G18

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HVAC DETAILS

M700

PLUMBING SUPPLY PLAN NOTES

- CONNECT TO THE EXISTING 1-1/2" DOMESTIC WATER SERVICE.
- PROVIDE 1/2" FILTERED WATER TO THE BAG-IN-BOX SODA CARBONATOR AT 102" AFF. SODA CARBONATOR SHALL HAVE AN INTEGRAL ASSE 1022-RATED CARBONATED BEVERAGE BACKFLOW PREVENTION DEVICE.
- PROVIDE WATER HEATER DWH-1 AND DWH-2 PER DETAIL 1/P700.
- PROVIDE WATER FILTERS MOUNTED TO WALL PER DETAIL 11/P700. PROVIDE 1/2" SUPPLY PIPES FROM FILTERS TO ICE MAKER AND SODA CARBONATOR AS SHOWN.
- PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 56" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE MOP BASIN FAUCET AT 36" AFF. PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 64" AFF DIRECTLY ABOVE THE MOP BASIN FAUCET. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- CONNECT TO THE EXISTING 2-1/2" GAS LINE IN THE CEILING SPACE ABOVE.
- PROVIDE GAS CONNECTIONS TO THE COOKING EQUIPMENT PER DETAIL 7/P700.
- SUPPORT THE GAS PIPE ON THE ROOF PER DETAIL 5/P700. WOOD BLOCKING IS NOT AN ACCEPTABLE METHOD OF SUPPORTING THE GAS PIPE.
- PROVIDE ACCESSIBLE LINE-SIZED GAS VALVE, DIRT LEG, AND UNION AT GAS CONNECTION TO THE EQUIPMENT.

PLUMBING SUPPLY PLAN NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR PAINTING OF INTERIOR AND EXTERIOR EXPOSED GAS PIPE.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE VICTORY WASH DISPENSER FAUCET (HB-2) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- PROVIDE ROUGH-INS TO RESTROOM HAND SINKS AS SHOWN IN DETAIL 14/P700.
- PROVIDE KITCHEN EQUIPMENT GAS SHUTOFF 6" BELOW THE CEILING PER DETAIL 4/P700.
- CONNECT CHEMICAL DISPENSER TO HB-1. CHEMICAL DISPENSER HAS AN INTEGRAL AIR GAP AS IS SHOWN IN DETAIL 10/P700.
- PROVIDE ASSE 1016/1070 POINT-OF-USE THERMOSTATIC MIXING VALVE, WATTS LFUSG-B, ON WATER SUPPLY TO KITCHEN HAND SINKS. PROVIDE ANGLE STOP BELOW SINK, FASTEN MIXING VALVE TO WALL, AND MAKE FINAL CONNECTION FROM ANGLE STOPS TO MIXING VALVE AND FROM MIXING VALVE TO FAUCET USING BRAIDED STAINLESS STEEL HOSE. ADJUST MIXING VALVE FOR A DISCHARGE TEMPERATURE OF APPROXIMATELY 110° F.
- PROVIDE ACCESSIBLE VALVE IN WATER SUPPLY TO FIXTURE AS SHOWN.
- PROVIDE GAS CONNECTION TO THE RICE COOKER PER DETAIL 6/P700.
- PROVIDE GAS ROUGH-IN TO FRYER BEHIND RICE COOKER TABLE SO THAT VALVES AND DIRT LEG ARE ACCESSIBLE ONCE FRYER IS SECURED INTO PLACE.

PLUMBING SUPPLY PLAN NOTES

- PROVIDE AN ACCESSIBLE MAIN DOMESTIC WATER SHUTOFF VALVE ABOVE LAY-IN CEILING AS SHOWN. VALVE SHALL BE 12" ABOVE THE TOP OF THE LAY-IN CEILING. PERMANENTLY INSTALL THE "WATER SHUTOFF" SIGN TO THE CEILING GRID BELOW THE VALVE.
- INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS.
- PROVIDE 3/4" DOMESTIC HOT AND COLD WATER ROUGH-INS FOR THE PREP SINK (SK-2) FAUCET AT 24" AFF TO ALLOW FOR THE VICTORY WASH CHEMICAL DOCK TO BE INSTALLED DIRECTLY BELOW THE PREP SINK BASIN. MAKE FINAL CONNECTION TO PREP SINK FAUCET USING 3/4" BRAIDED STAINLESS STEEL WATER HEATER CONNECTOR HOSE.
- PROVIDE 3/4" HOT WATER TO THE DISH MACHINE, MAKING FINAL CONNECTION USING CONNECTION HOSE FURNISHED WITH DISH MACHINE. PROVIDE WATER HAMMER ARRESTOR ON HOT WATER LINE. PROVIDE AN ACCESSIBLE SHUTOFF VALVE BELOW THE DISH MACHINE AND INSTALL THE STRAINER FURNISHED WITH THE DISH MACHINE IN AN ACCESSIBLE LOCATION AT THE CONNECTION TO THE UNIT.
- PROVIDE ROOF HYDRANT RH-1 WITH BOTTOM OF NOZZLE INSTALLED 24" ABOVE THE BOTTOM OF ROOF DECK. PROVIDE ACCESSIBLE ISOLATION VALVE IN WATER SUPPLY TO ROOF HYDRANT. SUPPORT ROOF HYDRANT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE FILTERED DOMESTIC WATER ROUGH-INS FOR THE SPEED FILL POT FILLER FAUCET (PF-1) AT 40" AFF. SEE ARCHITECTURAL ELEVATION FOR DETAIL.

PLUMBING SUPPLY PLAN NOTES

- PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 24" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
- INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS. LOCATE IMSB BELOW UTENSIL COUNTER IN A LOCATION THAT DOES NOT INTERFERE WITH THE ROLLING RACK BELOW THE UTENSIL COUNTER.
- 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).
- HOLD EXPOSED DOMESTIC WATER PIPES TIGHT TO THE DECK AND TIGHT TO THE DEMISING WALL AS SHOWN. PAINT THE PIPE INSULATION TO MATCH THE ROOF DECK.

PLUMBING FIXTURE SUPPLY CONNECTIONS

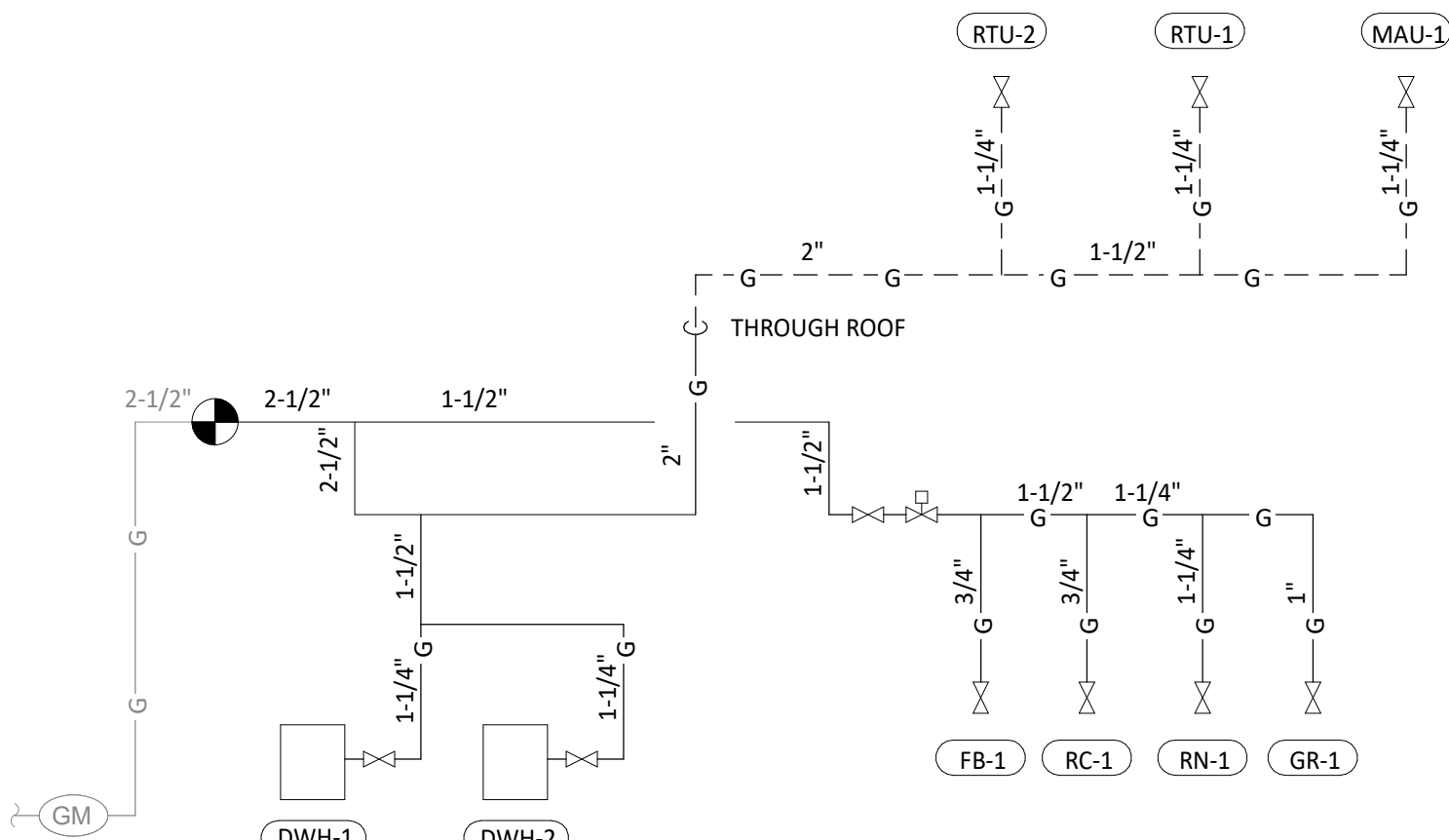
ROUGH-IN TYPE KEY											
ANGLE 3/8"		BRASS CRAFT KTR19 OR EQUAL (BRASS/CHROME 1/4 TURN ANGLED BALL STOP WITH 3/8" COMPRESSION CONNECTION)									
ANGLE 1/2"		BRASS CRAFT R39X C OR EQUAL (BRASS/CHROME MULTI-TURN ANGLED STOP WITH 1/2" COMPRESSION CONNECTION)									
ANGLE 3/4"		EVERFLOW 74342-NL W/ 3/4" SWEAT X MIP ADAPTER OR EQUAL (BRASS ANGLE STOP W/ 3/4" FIP INLET AND OUTLET)									
DIRECT		PROVIDE COPPER PIPE IN CONNECTION SIZE SHOWN TO FIXTURE									
HOSE 1/2"		ARROWHEAD BRASS WM50F OR EQUAL (BRASS/CHROME WASHING MACHINE VALVE W/ 3/4" MHT OUTLET)									
MIP		PROVIDE PIPE WITH MIP THREAD STUBBED OUT OF WALL IN CONNECTION SIZE SHOWN AND LENGTH COMPATIBLE WITH FIXTURE AND WALL MATERIAL/FINISHES.									
TAG	FIXTURE	CONNECTION SIZES		ROUGH-IN TYPE	FIXTURE UNITS (EACH)				FIXTURE UNITS (TOTAL)		
		CW	HW		CW	HW	TOTAL	COUNT	CW	HW	TOTAL
BFP-1	RPZ BACKFLOW PREVENTER	1/2"		DIRECT	1		1	1	1		1
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)		3/4"	ANGLE 3/4"	0	1	1	1	0	1	1
ET-1	EXPANSION TANK	3/4"		DIRECT	0	0	0	1	0	0	0
HB-1	HOSE BIBB	1/2"	1/2"	MIP	1.5	1.5	2	1	1.5	1.5	4
HB-2	HOSE BIBB	1/2"		MIP	1.5	0	1.5	1	1.5	0	1.5
HS-1B	RESTROOM HAND SINK FAUCET	1/2"	1/2"	ANGLE 3/8"	1.5	1.5	2	1	1.5	1.5	4
HS-2	KITCHEN HAND SINK	1/2"	1/2"	ANGLE 3/8"	1.5	1.5	2	1	1.5	1.5	8
IM-1	ICE MAKER - BOH	1/2"		HOSE 1/2"	1	0	1	1	1	0	1
IM-2	ICE MAKER - SODA	1/2"		HOSE 1/2"	1		1	1	1		2
MB-1B	MOP BASIN FAUCET	1/2"	1/2"	MIP	2.25	2.25	3	1	2.25	2.25	3
PF-1	POT FILLER	1/2"		MIP	1.5	0	1.5	1	1.5	0	1.5
RH-1	FREEZE PROOF ROOF HYDRANT	3/4"		DIRECT	0	0	1	1	0	0	1
SK-1	THREE COMPARTMENT SINK	1/2"	1/2"	ANGLE 1/2"	4	4	4	1	4	4	4
SK-2	PREP SINK	3/4"	3/4"	ANGLE 3/4"	3	3	4	1	3	3	4
WC-1	WATER CLOSET	1/2"		ANGLE 3/8"	5	0	5	1	5	0	10
WH-1	FROST PROOF WALL HYDRANT	3/4"		DIRECT	1	0	1	1	1	0	2
										48	

CONNECTED GAS LOAD

FIXTURE	TAG	MBH	EQUIVALENT LENGTH FROM METER [FT]
WATER HEATER	DWH-1	199	25
WATER HEATER	DWH-2	199	30
GAS FRYER	FB-1	90	110
GRIDDLE	GR-1	107	125
MAKEUP AIR UNIT	MAU-1	225	110
RICE COOKER	RC-1	70	115
RANGE	RN-1	192	120
KITCHEN ROOFTOP UNIT	RTU-1	250	55
DINING ROOM ROOFTOP UNIT	RTU-2	250	65
Grand total		1582	

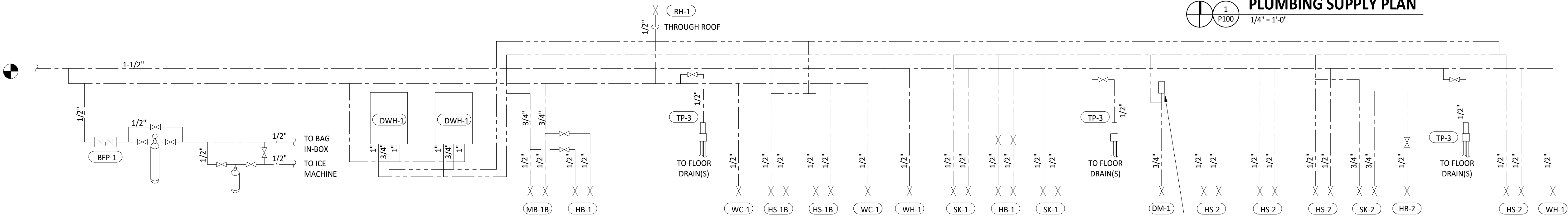
- NOTES:
- PRESSURE REQUIRED AFTER METER: 7" W.C.
 - DISTANCES ARE APPROXIMATE

MAX: 125



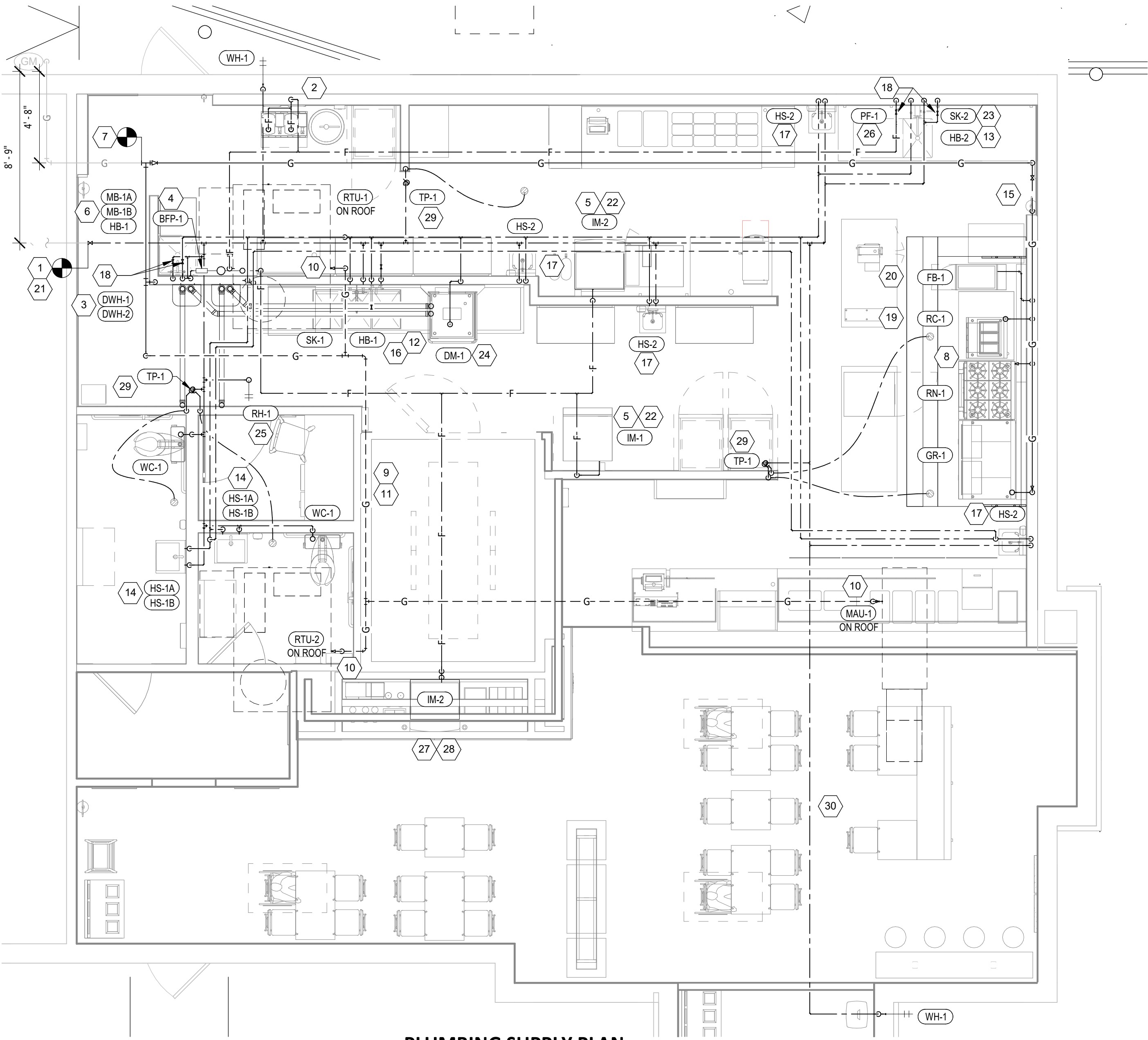
GAS DISTRIBUTION DIAGRAM

3 P100 N.T.S.



PLUMBING SUPPLY DIAGRAM

2 P100 N.T.S.



PLUMBING SUPPLY PLAN

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

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PLUMBING PLAN
WATER & GAS

P100

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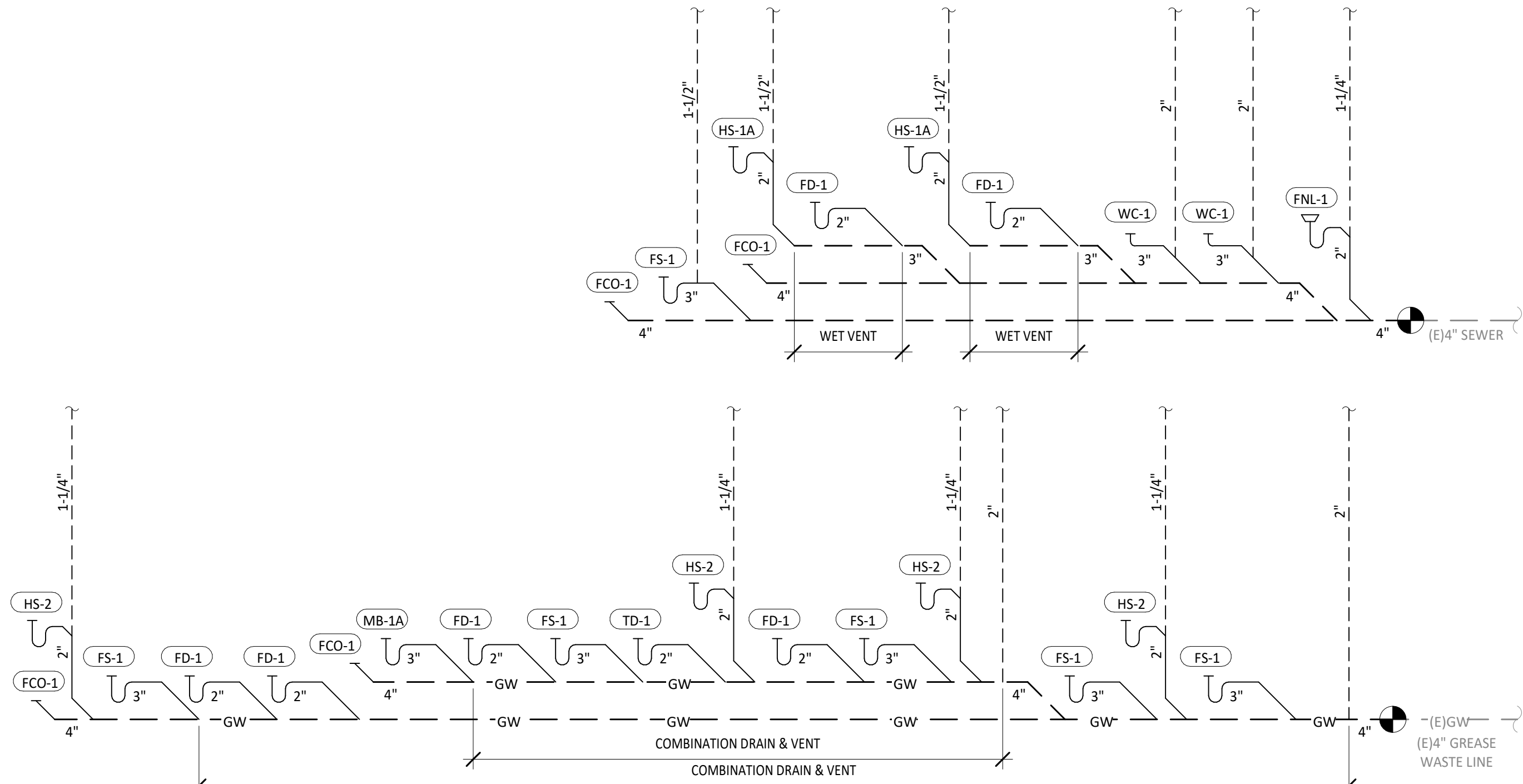
Contents:

PLUMBING PLAN
WASTE & VENT

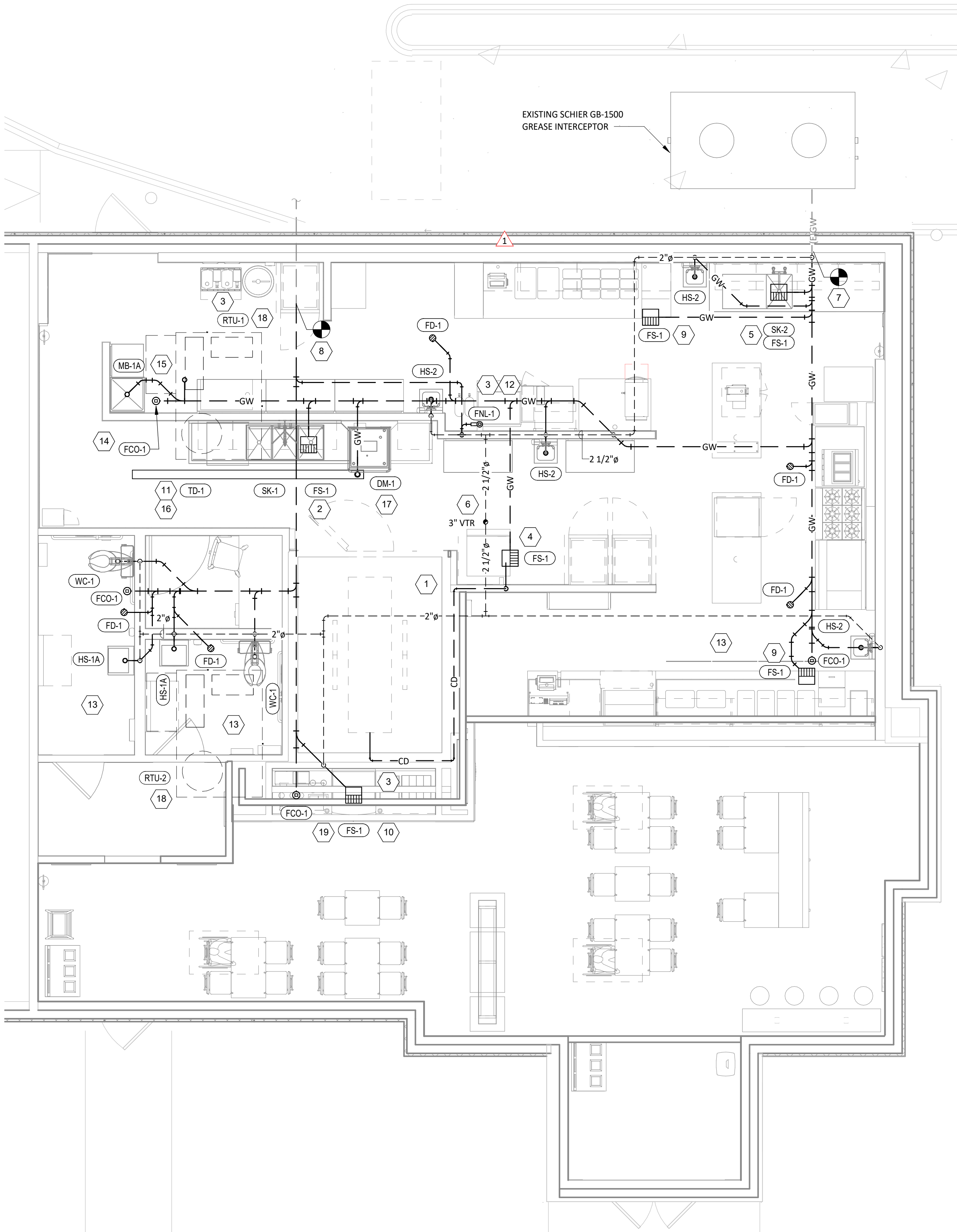
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PLUMBING WASTE AND VENT PLAN NOTES

- PROVIDE 3/4" CONDENSATE DRAIN FROM THE WALK-IN COOLER EVAPORATOR TO THE FLOOR SINK BELOW THE ICE MAKER 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 BEHIND ICE MAKER AT 8" AFF AND BE SECURED TO FLOOR UNDER ICE MAKER.
- PROVIDE DRAIN CONNECTIONS TO THE THREE COMPARTMENT SINK PER DETAIL 2/P700.
- 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.
- 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.
- PROVIDE DRAIN LINES FROM THE FOOD PREP SINK TO THE FLOOR SINK. PROVIDE AN AIR GAP AT THE DISCHARGE TO THE FLOOR SINK.
- PROVIDE A 3" VENT THROUGH THE ROOF PER DETAIL 3/P700.
- CONNECT TO EXISTING 4" GREASE WASTE LINE LEADING TO EXISTING SCHIER GB-1500 GALLON INTERCEPTOR.
- CONNECT TO EXISTING 4" SANITARY SEWER.
- PROVIDE 3/4" VALVED DRAIN FROM HOT FOOD TABLE TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP.
- PROVIDE INSULATED COPPER DRAIN LINES FROM THE TEA TRAY DRAIN AND THE SODA MACHINE DRAIN TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP. HOLD TEA TRAY DRAIN AS HIGH AS POSSIBLE AND SECURE TO STRUCTURE BELOW THE UTENSIL COUNTER.
- 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.
- SEE DETAIL 18/P700 FOR DRAINS FROM TEA TRAY, ICE MAKER, AND SODA MACHINE TO FUNNEL DRAIN.
- 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.
- PROVIDE INDIRECT WASTE AND CONDENSATE DRAINS FROM FIXTURES OTHER THAN KITCHEN SINKS CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.
- PROVIDE DRAIN FROM WATER FILTER BFP TO FLOOR DRAIN CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.
- PROVIDE TRENCH DRAIN AS SHOWN IN DETAIL 15/P700.
- 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.
- PROVIDE CONDENSATE TRAP ON RTU PER DETAIL 13/P700.
- PROVIDE 3/4" PVC DRAIN PIPE 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.



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SANITARY WASTE & VENT DIAGRAM
N.T.S.



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

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	DESCRIPTION	QUANTITY	CONNECTION SIZES			FIXTURE UNITS (EACH)				FIXTURE UNITS (TOTAL)					
								CW	HW	WASTE	CW	HW	TOTAL	SAN	CW	HW	TOTAL	SAN		
BFP-1	RPZ BACKFLOW PREVENTER	GC	GC	CONBRACO	4ALF-203-TZF	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE	1	1/2"			1		1		1	0	1	0		
BFP-2	RPZ BACKFLOW PREVENTER	GC	GC	CONBRACO	4ALF-207	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE AND AIR GAP FITTING	1	1 1/2"			1				1	0	0	0		
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)	KES	GC	FURNISHED BY KES	--	CHEMICAL SANITIZING DISH MACHINE WITH INTEGRAL ELECTRIC BOOSTER HEATER AND PUMPED OUTLET	1		3/4"	3/4"	0	1	1	0	0	1	1	0		
ET-1	EXPANSION TANK	GC	GC	AMTROL	ST-5	2 GALLON CAPACITY	1	3/4"			0	0	0	0	0	0	0	0		
FCO-1	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	0	0	0	0	0		
FD-1	FLOOR DRAIN	GC	GC	SIOUX CHIEF	842-2-PNR	ADJUSTABLE FLOOR DRAIN, ROUND POLISHED METAL RING AND STRAINER	5			2"			0	2	0	0	0	10		
FNL-1	FUNNEL DRAIN	GC	GC	JAY R. SMITH	3832T	FUNNEL DRAIN WITH CAST BRONZE BODY AND THREADED OUTLET	1			2"	0	0		2	0	0	0	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	6			3"			0	5	0	0	0	30		
GI-1	GREASE INTERCEPTOR	GC	GC	CUSTOM	--	1,500 GALLON PRECAST GREASE INTERCEPTOR	1			4"					0	0	0	0		
HB-1	HOSE BIBB	KES	GC	T&S	B-2345-01-XX	COMMERCIAL QUALITY HOT & COLD MIXING WALL HYDRANT. SUPPLY ARMS SHALL HAVE INTEGRAL SHUT-OFF STOP AND CHECK VALVE.	2	1/2"	1/2"		1.5	1.5	2	0	3	3	4	0		
HB-2	HOSE BIBB	KES	GC	T&S	B-0730	SILL FAUCET WITH 1/2" NPT FEMALE INLET AND 3/4" GARDEN HOSE THREADED OUTLET.	1	1/2"			1.5	0	1.5	0	1.5	0	1.5	0		
HS-1A	RESTROOM HAND SINK	GC	GC	KOHLER	K-2084	ADA-ACCESSIBLE, WALL-MOUNTED, PORCELAIN LAVATORY. PROVIDE ZURN Z1231 (Z1231-D FOR BACK-TO-BACK APPLICATIONS) CONCEALED ARM CARRIER IN WALL.	2	0"	0"	2"	0	0	0	1	0	0	0	2		
HS-1B	RESTROOM HAND SINK FAUCET	KES	GC	FURNISHED BY KES	--	PLUG-IN AUTOMATIC FAUCET WITH 0.5 GPM AERATOR AND THERMOSTATIC MIXING VALVE. ADJUST FAUCET CONTROLS FOR 10 SECOND SHUTOFF DELAY AND 30 SECOND TIME-OUT DELAY.	2	1/2"	1/2"	0"	1.5	1.5	2	0	3	3	4	0		
HS-2	KITCHEN HAND SINK	KES	GC	FURNISHED BY KES	--	STAINLESS STEEL SINK WITH WALL MOUNTING BRACKET AND BACKSPASH MOUNTED FAUCET WITH SWIVEL GOOSENECK	4	1/2"	1/2"	2"	1.5	1.5	2	1	6	6	8	4		
IM-1	ICE MAKER - BOH	KES	GC	SEE ARCH	--	BACK OF HOUSE ICE MAKER WITH BIN	1	1/2"			1	0	1	0	1	0	1	0		
IM-2	ICE MAKER - SODA	KES	KES	SEE ARCH	--	SODA MACHINE-MOUNTED ICE MAKER	2	1/2"			1		1		2	0	2	0		
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	0"	0"	3"	0	0	0	3	0	0	0	3		
MB-1B	MOP BASIN FAUCET	KES	GC	FURNISHED BY KES	--	SERVICE SINK FAUCET WITH BUILT IN STOPS, LEVER HANDLES, AND WALL BRACE.	1	1/2"	1/2"	0"	2.25	2.25	3	0	2.25	2.25	3	0		
PF-1	POT FILLER	KES	GC	FURNISHED BY KES	--	WALL-MOUNTED POT FILLER W/ SELF-CLOSING FILLER VALVE AND 3/8" NPT FEMALE INLET	1	1/2"			1.5	0	1.5		1.5	0	1.5	0		
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"			0	0	1		0	0	1	0		
SK-1	THREE COMPARTMENT SINK	KES	GC	FURNISHED BY KES	--	THREE-COMPARTMENT WARE-WASHING SINK FURNISHED WITH (1) PRE-RINSE UNIT WITH ADD-ON FAUCET	1	1/2"	1/2"	2"	4	4	4	5	4	4	4	5		
SK-2	PREP SINK	KES	GC	FURNISHED BY KES	--	STAINLESS STEEL PREP TABLE WITH INTEGRAL PREP SINK. FURNISHED WITH "BIG FLO" FAUCET	1	3/4"	3/4"	2"	3	3	4	0	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 12/P700 FOR REDUCTION TO 2" DRAIN CONNECTION.	1			2"	0	0	0	2	0	0	0	2		
TP-1	TRAP PRIMER (ONE FLOOR DRAIN)	GC	GC	PRECISION PLUMBING PRODUCTS	P2-500	TRAP PRIMER WITH INTEGRAL VACUUM BREAKER AND NO DISTRIBUTION UNIT.	3	1/2"			0		0		0	0	0	0		
WC-1	WATER CLOSET	GC	GC	KOHLER	K-3519 W/ SEAT K-4666-C	WHITE HIGHLINE 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"	5	0	5	4	10	0	10	8		
WH-1	FROST 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	0	1		2	0	2	0		
49											41.25				22.25		48		66	

WATER HEATER SCHEDULE - INSTANTANEOUS

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	INPUT MBH	DELIVERY	NOTES
DWH-1	DIRECT VENT GAS-FIRED INSTANTANEOUS WATER HEATER	GC	GC	NAVIENT	NPE-240A2	199	354 GPH @ 65" RISE	RATED FLOW RATE: 5.6 GPM @ 67°F RISE THERMAL EFFICIENCY: 96% PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIENT AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIENT.COM TO LOCATE AUTHORIZED DISTRIBUTOR).
DWH-2	DIRECT VENT GAS-FIRED INSTANTANEOUS WATER HEATER	GC	GC	NAVIENT	NPE-240A2	199	354 GPH @ 65" RISE	RATED FLOW RATE: 5.6 GPM @ 67°F RISE THERMAL EFFICIENCY: 96% PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIENT AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIENT.COM TO LOCATE AUTHORIZED DISTRIBUTOR).

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Project No.

Contents:

PLUMBING SCHEDULES

P600

SECTION 16011 TEMPORARY & PERMANENT ELECTRICAL SERVICE

- PART 1 - GENERAL
- 1.1 DEFINITIONS
- A. GFCI: Ground fault current interrupter.
- B. RMS: Root Mean Square
- C. SPDT: Single Pole, Double Throw
- 1.2 USE CHARGES
- A. General: Cost or use charges for temporary facilities are not chargeable to Tenant, Architect, or Engineer and shall be included in the Contract Sum. Allow other entities to use temporary services and facilities without cost, including, but not limited to, the following:
- Tenant's construction forces.
 - Occupants of Project.
 - Architect.
 - Engineer.
 - Testing agencies.
 - Personnel of authorities having jurisdiction.
- B. Permanent Service: Coordinate with building Tenant and utility company to establish permanent service upon completion of the project. Contractor shall pay for all permits, aid-to-construction charges, and related fees associated with the new service.
- 1.3 NOTIFICATION
- A. Coordinate with Tenant to provide 72 hour written notification to other tenants of any power interruptions. Notification shall state the estimated time and duration of the electrical outage.
- 1.4 QUALITY ASSURANCE
- A. Standards: Comply with ANSI A10.6, NECA's "Temporary Electrical Facilities," and NFPA 241.
- Trade Jurisdictions: Assigned responsibilities for installation and operation of temporary utilities are not intended to interfere with trade regulations and union jurisdictions.
 - Electric Service: Comply with NECA, NEMA and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.
 - Comply with OSHA standards and regulations.

- PART 2 - PRODUCTS
- 2.1 MATERIALS
- A. Electrical Outlets: Properly configured, NEMA-polarized outlets to prevent insertion of 110- to 120-V plugs into higher-voltage outlets; equipped with ground-fault circuit interrupters, reset button, and pilot light.
- B. Power Distribution System Circuits: Where permitted and overhead and exposed for surveillance, wiring circuits, not exceeding 125-V ac, 20-A rating, and lighting circuits may be nonmetallic sheathed cable.
- C. Main panelboard with disconnect.
- D. Temporary lighting.
- E. 120 volt receptacles with overcurrent protection.
- F. Enclosures: NEMA AB 1 and NEMA KS 1 to meet environmental conditons of installed location.
- Outdoor Locations: NEMA 250, Type 3R.
- PART 3 EXECUTION
- 3.1 INSTALLATION
- A. Electric Power Service: Provide weatherproof, grounded electric power service and distribution system of sufficient size, capacity, and power characteristics during construction period. Include meters, transformers, and overload-protected disconnecting means.
- Install power distribution wiring overhead and rise vertically where least exposed to damage.
- B. Electric Distribution: Provide receptacle outlets adequate for connection of power tools and equipment.
- Provide waterproof connectors to connect separate lengths of electrical power cords if single lengths will not reach areas where construction activities are in progress. Do not exceed safe length-voltage ratio.
 - Provide metal conduit, tubing, or metallic cable for wiring exposed to possible damage. Provide rigid steel conduits for wiring exposed on grades, floors, decks, or other traffic areas.
 - Provide metal conduit enclosures or boxes for wiring devices.
 - Provide 4-gang outlets, spaced so 1 DO-foot (30-m) extension cord can reach each area for power hand tools and task lighting. Provide a separate 125-V ac, 20-A circuit for each outlet.
- C. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations and traffic conditions.
- Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
 - Provide one 100-W incandescent lamp (or equivalent) every 50 feet (15 m) in traffic areas.
 - Install exterior-yard site lighting that will provide adequate illumination for construction operations, parking and traffic conditions, and signage visibility when the Work is being performed.

END OF SECTION 16011

SECTION 16060 - GROUNDING AND BONDING

- PART 1 - GENERAL
- 1.1 SUMMARY
- A. This Section includes grounding of electrical systems and equipment. Grounding requirements specified in this Section may be supplemented by special requirements of systems described in other Sections.
- 1.2 QUALITY ASSURANCE
- A. Testing Agency Qualifications: Testing agency as defined by OSHA in 29 CFR 1910.7 or a member company of the International Electrical Testing Association and that is acceptable to authorities having jurisdiction.
- Testing Agency's Field Supervisor: Person currently certified by the International Electrical Testing Association to supervise on-site testing specified in Part 3.
- B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- Comply with UL 467.
- PART 2 - PRODUCTS
- 2.1 GROUNDING CONDUCTORS
- A. For insulated conductors, comply with Division 16 Section "Wiring Methods."
- B. Material: Copper.
- C. Equipment Grounding Conductors: Insulated with green-colored insulation.
- D. Grounding Electrode Conductors: Stranded cable.
- E. Bare Copper Conductors: Comply with the following:
- Solid Conductors: ASTM B 3.
 - Assembly of Stranded Conductors: ASTM B 8.
- 2.2 CONNECTOR PRODUCTS
- A. Comply with IEEE 837 and UL 467; listed for use for specific types, sizes, and combinations of conductors and connected items.
- PART 3 - EXECUTION
- 3.1 APPLICATION
- A. Use only copper conductors.
- B. In raceways, use insulated equipment grounding conductors.
- C. Equipment Grounding Conductor Terminations: Use bolted pressure clamps.
- D. Grounding Bus: Install in electrical and telephone equipment rooms, in rooms housing service equipment, and elsewhere as indicated.
- Use insulated spacer; space 1 inch from wall and support from wall 6 inches above finished floor, unless otherwise indicated.
 - At doors, route the bus up to the top of the door frame, across the top of the doorway, and down to the specified height above the floor.
- 3.2 EQUIPMENT GROUNDING CONDUCTORS
- A. Comply with NFPA 70, Article 250, for types, sizes, and quantities of equipment grounding conductors, unless specific types, larger sizes, or more conductors than required by NFPA 70 are indicated.
- 3.3 INSTALLATION
- A. Grounding Conductors: Route along shortest and straightest paths possible, unless otherwise indicated. Avoid obstructing access or placing conductors where they may be subjected to strain, impact, or damage.
- 3.4 CONNECTIONS
- A. General: Make connections so galvanic action or electrolysis possibility is minimized. Select connectors, connection hardware, conductors, and connection methods so metals in direct contact will be galvanically compatible.
- B. Equipment Grounding Conductor Terminations: For No. 8 AWG and larger, use pressure-type grounding lugs. No. 10 AWG and smaller grounding conductors may be terminated with winged pressure-type connectors.
- C. Tighten screws and bolts for grounding and bonding connectors and terminals according to manufacturer's published torque-tightening values. If manufacturer's torque values are not indicated, use those specified in UL 486A.
- D. Compression-Type Connections: Use hydraulic compression tools to provide correct circumferential pressure for compression connectors. Use tools and dies recommended by connector manufacturer. Provide embossing die code or other standard method to make a visible indication that a connector has been adequately compressed on grounding conductor.

END OF SECTION 16060

SECTION 16100 - WIRING METHODS

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Summary: Building wire and cable and associated splices, connectors, and terminations for wiring systems rated 600 V and less, and twisted-pair cable; and raceways and boxes.
- PART 2 - PRODUCTS
- 2.1 WIRES AND CABLES
- A. Connectors and Splices: Wiring connectors of size, ampacity rating, material, and type and class for application and for service indicated.
- 2.2 RACEWAYS
- A. Wireways: Screwed cover type, with manufacturers standard finish.
- B. Outlet and Junction Boxes: Sheet metal boxes, except use cast-metal boxes at exterior, interior exposed, and interior damp locations.
- C. Pull and Junction Boxes: Sheet metal boxes, except use nonmetallic boxes with gasketed covers at exterior and interior damp locations.
- 2.3 ENCLOSURES
- A. Hinged-Cover Enclosures: NEMA 250, steel enclosure with continuous hinge cover and flush latch. Finish inside and out with manufacturer's standard enamel.
- B. Cabinets: NEMA 250, Type 1, unless otherwise indicated.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Install wires and cables according to the NECA's "Standard of Installation."
- B. Wiring at Outlets: Install with at least 12 inches of slack conductor at each outlet.
- C. Conceal wiring, unless otherwise indicated, within finished walls, ceilings, and floors.
- D. Boxes and Enclosures: In damp or wet locations use NEMA 250, Type 4, stainless steel.
- E. Use raceway fittings compatible with raceway and suitable for use and location. For intermediate metal conduit, use threaded rigid steel conduit fittings, unless otherwise indicated.
- F. Raceways Embedded in Slabs: Install in middle third of the slab thickness where practical, and leave at least 1 -inch concrete cover.
- G. Install exposed raceways parallel to or at right angles to nearby surfaces or structural members, and follow the surface contours as much as practical.
- H. Join raceways with fittings designed and approved for the purpose and make joints tight. Use bonding bushings or wedges at connections subject to vibration. Use bonding jumpers where joints cannot be made tight. Use insulating bushings to protect conductors.
- I. Install pull wires in empty raceways. Use No. 14 AWG zinc-coated steel or monofilament plastic line having not less than 200-lb tensile strength. Leave not less than 18 inches of slack at each end of the pull wire.
- J. Install raceway sealing fittings where required by the NEC and at wiring entrances to refrigerated spaces. Locate at suitable, approved, accessible locations and fill them with UL-listed sealing compound. For concealed raceways, install each fitting in a flush steel box with a blank cover plate having a finish similar to that of adjacent plates or surfaces.
- K. Stub-up Connections for Equipment: Extend conductors to equipment with rigid metal conduit; flexible metal conduit may be used 3 inches above the floor.
- L. Install a separate green ground conductor in surface metal raceway from the junction box supplying the raceway to receptacle and fixture ground terminals.
- 3.2 IDENTIFICATION MATERIALS AND DEVICES
- A. Install at locations for most convenient viewing without interference with operation and maintenance of equipment.
- B. Coordinate names, abbreviations, colors, and other designations used for electrical identification with corresponding designations indicated in the Contract Documents or required by codes and standards. Use consistent designations throughout Project.
- C. Identify raceways and cables with color banding as follows:
- Bands: Pre-tensioned, snap-around, colored plastic sleeves or colored encircling conduit, and place adjacent bands of two-color markings in contact, side by side.
 - Band Locations: At changes in direction, at penetrations of walls and floors, at 50-foot maximum intervals in straight runs, and at 25-foot maximum intervals in congested areas.
 - Colors: As follows:
 - Telecommunication System: Green and yellow.
- D. Color-code System secondary service, feeder, and branch-circuit conductors throughout the secondary electrical system as follows:
- | | | |
|-------------|----------|----------|
| | 120/208V | 277/480V |
| 1. Phase A: | Black | Brown |
| 2. Phase B: | Red | Orange |
| 3. Phase C: | Blue | Yellow |
| 4. Neutral: | White | Gray |
| 5. Ground: | Green | Green |

END OF SECTION 16100

SECTION 16140 - WIRING DEVICES

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Submittals: None.
- B. Comply with NEMA WD 1.
- C. Comply with NFPA 70.
- PART 2 - PRODUCTS
- 2.1 DEVICES
- A. General: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
- B. Color: Per Material Schedule on sheet E010.
- C. Receptacles: Heavy- Duty grade, NEMA WD6, Configuration 5-20R unless otherwise indicated.
- D. Ground-Fault Circuit Interrupter Receptacles: integral duplex receptacle; for installation in box without an adapter. Feed-through type, with a 2-3/4-inch- deep outlet
- E. Isolated-Ground Receptacles: Equipment grounding contacts connected only to the green grounding screw terminal of the device with inherent electrical isolation from mounting strap.
- F. Snap Switches: Heavy-duty, quiet type.
- G. Wall Plate: Per Material Schedule on sheet E010.
- H. Floor Service Fittings: Modular, above-floor, dual-service units suitable for wiring method used.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Install devices and assemblies plumb and secure.
- B. Mount devices flush with long dimension vertical unless otherwise indicated.
- C. Protect devices and assemblies during painting.
- D. Install wall plates when painting is complete and paint is cured.

END OF SECTION 16140

SECTION 16442 - PANELBOARDS

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Submittals: None.
- B. Comply with NFPA 70.
- C. Comply with NEMA PB 1.
- PART 2 - PRODUCTS
- 2.1 PANELBOARDS AND LOAD CENTERS
- A. Manufacturers: Subject to compliance with requirement, provide products by one of the following:
- Panelboards, Overcurrent Protective Devices, Controllers, Contactors, and Accessories:
 - Square D Co.
 - Eaton Corp.; Cutler-Hammer Products.
 - General Electric Co.; Electrical Distribution & Control Div.
 - Siemens Energy & Automation.
 - Recessed, NEMA PB 1, Type 1.
 - Load Center Capacity: as shown on drawings.
 - Front: Secured to box with concealed trim clamps.
 - Doors: With concealed hinges, flush catches, and tumbler locks, all keyed alike.
 - Bus: Hard drawn copper of 98 percent conductivity.
 - Molded-Case Circuit Breakers: NEMA AB 1, plug-in type, Single-handle for multiple circuit breakers. Appropriate for application, including Type SWD for repetitive switching lighting loads and Type HACR for heating, air-conditioning, and refrigerating equipment.
 - Contactors: NEMA ICS 2, Class A combination contactors.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Install panelboards and accessory items according to NEMA PB 1.1. Provide typed, permanently-mounted English and Spanish circuit directories showing the panel schedules as installed in each panelboard.
- B. Mounting Heights: Top of trim 74 inches above finished floor, unless otherwise indicated.
- C. Future Circuit Provisions at Flush Panel boards: Stub four empty 3/4-inch conduits from panelboard into accessible or designated ceiling space.
- D. Wiring in Panelboard Gutters: Arrange conductors into groups, bundle and wrap with wire ties according to NEC guidelines.
- E. Tighten electrical connectors and terminals, including grounding connections, according to manufacturer's published torque-tightening values. Where manufacturer's torque values are not indicated, use those specified in UL 486A.
- F. Perform visual and mechanical inspections and electrical tests stated in NETA ATS.

END OF SECTION 16442

SECTION 16500 - LIGHTING

- PART 1 - GENERAL
- 1.1 SECTION REQUIREMENTS
- A. Submittals: None.
- B. Fixtures, Emergency Lighting Units, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
- C. Coordinate ceiling-mounted luminaires with ceiling construction, mechanical work, and security and fire-prevention features mounted in ceiling space and on ceiling.
- PART 2 - PRODUCTS
- 2.1 FIXTURES AND FIXTURE COMPONENTS, GENERAL
- A. Metal Parts: Free from burrs, sharp corners, and edges. Steel, unless otherwise indicated. Form and support to prevent warping and sagging.
- B. Doors, Frames, and Other Internal Access: Smooth operating, free from light leakage under operating conditions, and arranged to permit re-lamping without use of tools. Arrange doors, frames, lenses, diffusers, and other pieces to prevent accidental falling during re-lamping and when secured in operating position.
- C. Lenses, Diffusers, Covers, and Globes: 100 percent virgin acrylic plastic or annealed crystal glass, unless otherwise indicated.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- A. Set units level, plumb, and square with ceiling and walls, and secure.
- B. Support for Recessed and Semirecessed Grid-Type Fluorescent Fixtures: Install ceiling support system rods or wires at a minimum of 4 rods or wires for each fixture, located not more than 6 inches from fixture corners.
- C. Support for Suspended Fixtures: Support according to manufacturers' recommendations.
- D. Lamping: Where specific lamp designations are not indicated, lamp units according to manufacturer's written instructions.

END OF SECTION 16500

ELECTRICAL SYMBOLS

	CONDUIT CONCEALED ABOVE THE CEILING, IN A WALL, OR IN A RACEWAY
	CONDUIT CONCEALED BELOW THE SLAB
	HOME-RUN TO PANELBOARD AND CIRCUIT NUMBER SHOWN
	PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
	DISCONNECT SWITCH: X = SWITCH RATING Y = FUSE SIZE (NF = NON-FUSED) Z = NUMBER OF POLES
	JUNCTION BOX
	ELECTRIC PANELBOARD
	GENERAL PURPOSE 1-POLE SWITCH
	MANUAL STARTER WITH PILOT LIGHT
	NEMA 5-20R 1-PLEX RECEPTACLE
	NEMA 5-20R DUPLEX RECEPTACLE
	NEMA 5-20R DOUBLE-DUPLEX RECEPTACLES
	NEMA 5-20R DUPLEX COMBINATION ISOLATED GROUND/GFI RECEPTACLE PASS & SEYMOUR MODEL#2095IGTRGY (GRAY)
	OTHER RECEPTACLE - SEE PLAN FOR RATING AND TYPE
	JUNCTION BOX FOR RJ-45 DATA OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
	DOUBLE GANG JUNCTION BOX FOR RJ-45 DATA OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
	JUNCTION BOX FOR RJ-11 TELEPHONE OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
	SECURITY SYSTEM KEYPAD: PROVIDE A RECESSED JB WITH A 1/2" CONDUIT TO ABOVE THE DROP TILE CEILING IN THE OFFICE AREA AND TERMINATE WITH A CONDUIT BUSHING

ELECTRICAL MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
CONDUCTORS	#10 AWG AND SMALLER	SOLID CU, TYPE THHN/THWN OR XHHW
	#8 AWG AND LARGER	STRANDED CU, TYPE THHN/THWN OR XHHW
	FIELD-MADE CORD (EXPOSED INDOOR LOCATIONS)	TYPE SO OR SJO SERVICE CORD WITH CU CONDUCTORS
CONDUITS	INDOOR, EXPOSED	ELECTRICAL METALLIC TUBING U.N.O.
	INDOOR, WITHIN 1-1/2" OF ROOF DECK	INTERMEDIATE METAL CONDUIT
	INDOOR, CONCEALED ABOVE GRADE	ELECTRICAL METALLIC TUBING, FLEXIBLE METAL CONDUIT, OR METAL CLAD CABLE
	CONNECTION TO VIBRATING EQUIPMENT (EXPOSED WET OR DAMP LOCATIONS)	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
	CONNECTION TO VIBRATING EQUIPMENT (EXPOSED INDOOR DRY LOCATIONS)	FLEXIBLE METAL CONDUIT
	OUTDOOR, ABOVE GRADE, EXPOSED OR CONCEALED	INTERMEDIATE METAL CONDUIT
	LOW VOLTAGE, INDOOR, ABOVE GRADE	ELECTRICAL METALLIC TUBING
WIRING DEVICES	LOW OR LINE VOLTAGE, BELOW GRADE	RIGID NONMETALLIC CONDUIT (SCHEDULE 40 PVC)
	IN KITCHEN, OFFICE, OR NON-PUBLIC SPACES	GRAY DEVICE WITH STAINLESS STEEL COVER PLATE
	IG OR IG/GFI RECEPTACLES	GRAY DEVICE WITH STAINLESS STEEL COVER PLATE
	ON DRYWALL IN DINING ROOM	WHITE DEVICE WITH WHITE COVER PLATE
	ON HOT ROLLED STEEL, RICHLITE, OR OTHER BLACK FINISHES	BLACK DEVICE WITH BLACK COVER PLATE
	IN RESTROOMS	WHITE DEVICE WITH WHITE COVER PLATE

ELECTRICAL GENERAL NOTES

- A. GENERAL NOTES APPLY TO ELECTRICAL SHEETS.
- B. ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE ELECTRICAL CODE AND IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.
- C. WIRING SHALL BE (2)#12, #12 G IN 3/4" C UNLESS NOTED OTHERWISE.
- D. INDIVIDUAL CONDUIT HOME RUNS SHOWN SHALL NOT BE CONSOLIDATED.
- E. CIRCUIT EMERGENCY LIGHTS, ILLUMINATED EXIT SIGNS, AND NIGHT LIGHTS AHEAD OF LOCAL SWITCHING.
- F. INSTALL WALL SWITCHES AT 48" AFF TO CENTER OF SWITCH AND RECEPTACLES AT 18" AFF TO CENTER OF RECEPTACLE UNLESS NOTED OTHERWISE.
- G. INSTALL CONDUIT CONCEALED ABOVE THE CEILING, IN WALLS, OR IN RACEWAYS.
- H. PROVIDE 1" CONDUIT WITH PULL STRING FROM EACH J-BOX FOR TELEPHONE OR DATA JACKS TO ABOVE OFFICE CEILING. SEE MATERIAL SCHEDULE FOR ALLOWABLE CONDUIT MATERIALS. PROVIDE CONDUITS WITH MINIMAL ELBOWS AND TERMINATE CONDUITS ABOVE OFFICE CEILING WITH CONDUIT BUSHING.
- I. 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.
- J. DIMENSIONS SHOWN IN ELECTRICAL ELEVATIONS ARE FROM THE WALL FRAMING UNLESS NOTED OTHERWISE.
- K. INSTALL LABELING CALLED FOR IN THE ELECTRICAL DRAWINGS USING ENGRAVED PHENOLIC PLATES ON WALL IMMEDIATELY ABOVE RECEPTACLES.

ELECTRICAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
(E)	CONDUIT
EXT'G	EXISTING
G	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPT
IG	ISOLATED GROUND
JB	JUNCTION BOX
NL	NIGHT LIGHT
S	SURFACE MOUNTED
WP	WEATHERPROOF
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
MSS	TENANT'S MUSIC SYSTEMS SUPPLIER
TAB	TENANT'S TEST AND BALANCE VENDOR
TCC	TENANT'S CABLING CONTRACTOR
TOC	TENANTS 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 SANITIZER SUPPLIER
WCS	TENANT'S WALK-IN COOLER SUPPLIER
WH5	TENANT'S WATER HEATER SUPPLIER

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ELECTRICAL SPECIFICATIONS

E010

LIGHTING CONTROL PANEL SCHEDULE: LCP

RELAY	PANEL	CIRCUIT	AREA SERVED	CONTROL	TIME ON	TIME OFF	DIMMER CONTROL	NOTES
R1	A	32	KITCHEN A	TIMECLOCK	7:00:00 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				N/A	
R4	A	30	DINING ROOM A	TIMECLOCK	10:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R5	A	30	DINING ROOM B	TIMECLOCK	10:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R6			SPARE				N/A	
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 COMPONENTS SCHEDULE

	DESCRIPTION	QUANTITY	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	REMARKS
LCP	8 RELAY LIGHTING CONTROL PANEL	1	TLS	GC	ACUITY	ARP INTENC08 NLT 8SPR MVOLT FM DTC	8 RELAY PANEL FOR DIMMING CONTROL WITH FLUSH MOUNT ENCLOSURE, AND DIGITAL TIME CLOCK
\$C	WALL-MOUNTED OVERRIDE SWITCH (4 CHANNEL)	1	TLS	GC	ACUITY	nPODMA 4P WH	SEE LIGHTING CONTROL DIAGRAM FOR SWITCH CONFIGURATION
\$D	WALL-MOUNTED DIMMER SWITCH	2	TLS	GC	COOPER	SAL06P-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

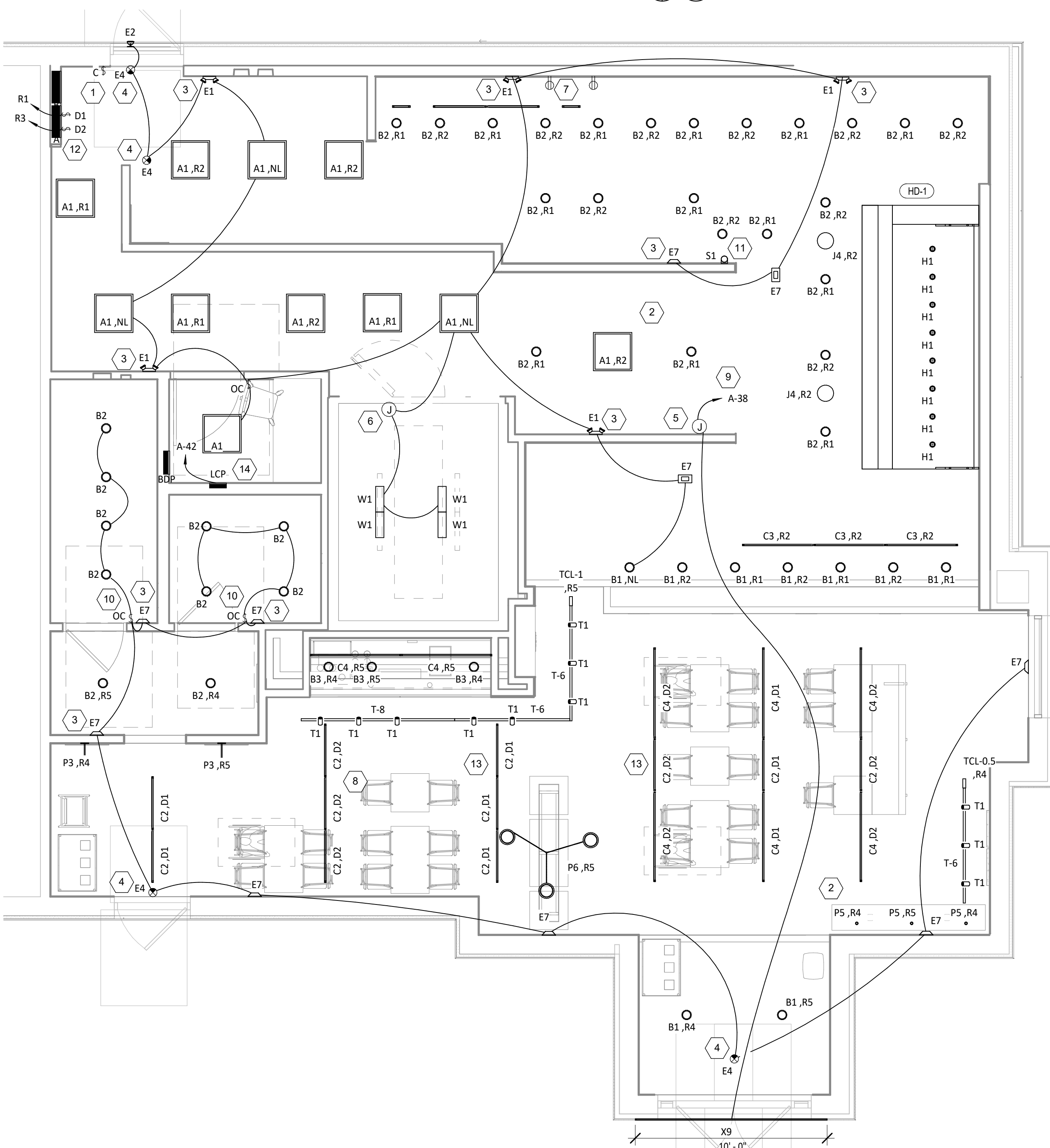
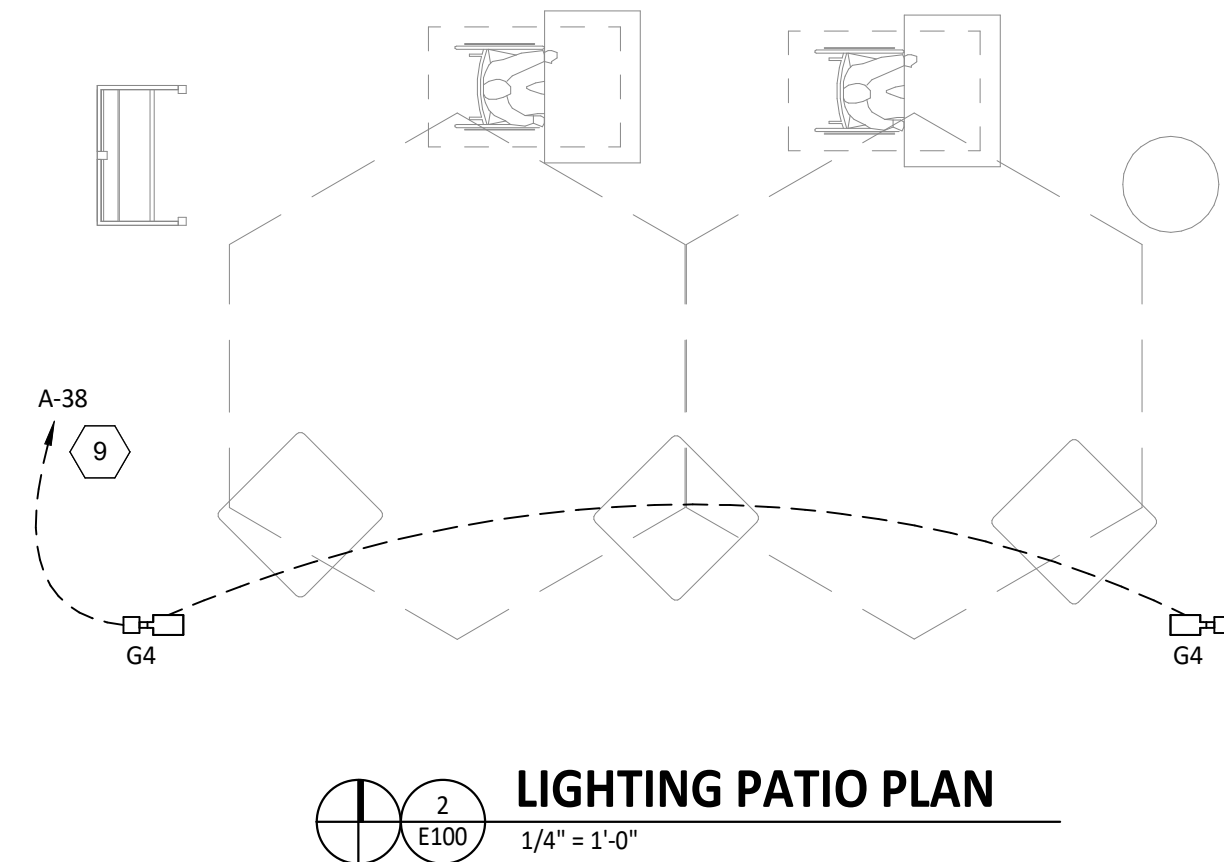
TAG	QUANTITY	TYPE	MOUNT	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	LAMP(S)	VOLTS	WATTS	SPECIAL REQUIREMENTS
A1	11	2x2 LED LENSED TROFFER	LAY-IN	TLS	GC	NORA LIGHTING	NPDBL-E22/334 W	(1) 3000K LED	120	30	COMPATIBLE WITH 0-10V DIMMING, FACTORY LOCKED TO 3000K
B1	9	RECESSED 6IN CAN LIGHT	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL with NTM-57W/M1 Trim	(1) 17W ECOSTORY ECO-PAR38C-17-GU24-27K-25D LED (25"-2700K) W/ GU 24 BASE	120	17	
B2	33	RECESSED 6IN CAN LIGHT W/ LED TRIM	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL WITH NLCBC-65130WW LED TRIM	INTEGRAL 3000K LED	120	17	LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER
B3	3	RECESSED 6IN CAN LIGHT W/ BLACK LED TRIM	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL WITH NLCBC2-651278B LED TRIM	INTEGRAL 3000K LED	120	12	BLACK LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER
C0	2	LOW PROFILE LED - 1 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/12/WWW	INTEGRAL 3000K LED	120	5	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C2	13	LOW PROFILE LED - 3 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/34/WW	INTEGRAL 3000K LED	120	12	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C3	3	LOW PROFILE LED - 4 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/46/WW	INTEGRAL 3000K LED	120	15	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C4	8	LOW PROFILE LED - 5 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/59/WW	INTEGRAL 3000K LED	120	18	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
E1	5	EMERGENCY LIGHT - DUAL HEAD	VARIOUS	TLS	GC	EXITRONIX	LED-90	(2) SPECIAL LED	120	2	90 MINUTE BATTERY BACKUP
E2	1	EXTERIOR REMOTE EMERGENCY LIGHT	VARIOUS	TLS	GC	EXITRONIX	MLED1-B-WP	(1) SPECIAL LED	4	1	LOW VOLTAGE REMOTE EMERGENCY LIGHT POWERED BY REMOTE-CAPABLE EXIT SIGN WITH MOUNTING PLATE
E4	4	WHITE EXIT SIGN WITH EMERGENCY LIGHT - STANDARD RED LETTERS	VARIOUS	TLS	GC	EXITRONIX	CLED-U-WH	(1) SPECIAL LED	120	2	90 MINUTE BATTERY BACKUP WITH INTEGRAL EMERGENCY LIGHT, REMOTE HEAD CAPABLE
E7	10	EMERGENCY LIGHT	VARIOUS	TLS	GC	DUAL-LITE	EV2	(2) 1W INTEGRAL LED	120	1	90 MINUTE BATTERY BACKUP
G4	2	PATIO LIGHT POLE	POLE	TLS	GC	RAB Lighting	ALED10Y W/ P54-11-10D2 POLE	INTEGRAL LED	120	10	SEE PLAN FOR LAMP HEAD CONFIGURATION. REFER TO ARCHITECTURAL SHEETS FOR FINISH AND INSTALLATION DETAIL
H1	8	HOOD LIGHT	SURFACE	THS/TLS	THS	VAPOR PROOF LIGHT FIXTURE FURNISHED WITH HOOD	FURNISHED WITH HOOD	(1) TCP L16A19N1527K	120	23	INSTALL LAMP FURNISHED SEPARATELY BY LIGHTING SUPPLIER
J4	2	DECORATIVE PENDANT	SURFACE	TLS	GC	BARNLIGHT	BLE-C-CPT10-ASH-100-SBK-100-CAW	GREEN CREATIVE 9A19DIM/927/GU24/R	120	9	WITH BLACK LAMP SHADE, BLACK CORD, AND OAK LAMP HOLDER
P3	2	ACCENT LIGHT - ARTWORK LIGHT FIXTURE	WALL	TLS	GC	HI-LITE	H-CW2700-B	(1) 12W ECOSTORY PAR30 LED (30"-2750K) W/ GU 24 BASE	120	12	
P5	3	PENDANT	SURFACE	TLS	GC	HI-LITE MFG	H-LC-91/CB12-91/20W LBL	TCP FG25D4027CCQ	120	5	ADJUST CORD LENGTH FOR MOUNTING HEIGHT CALLED FOR IN ARCHITECTURAL DRAWINGS
P6	1	DECORATIVE DINING ROOM PENDANT	SURFACE	TLS	GC	BARN LIGHT	BLE-C-JGT-133-35630-3	INTEGRAL LED	120	30	HARDWIRED SET OF (3) HEADS WITH UNIVERSAL CANOPY AND STANDARD BLACK CABLES
S1	1	DRIVE-UP PICK-UP WINDOW CHIME/STROBE	WALL	TLS	GC	FEDERAL SIGNAL	SLM500B W/ SLMBW-012-024	INTEGRAL	16	0	SET SWITCH A TO "CHIME 1 SINGLE" (11011) AND SWITCH B TO "CHIME 2 SINGLE" (00111)
T1	11	TRACK HEAD	TRACK	TLS	GC	JUNO	R60SL 30K 90CRI PDIM WFL BL	INTEGRAL LED	120	10	BLACK CYLINDER TRACK HEAD W/ UNIVERSAL 120V TRAC ADAPTER AND WIDE FLOOD BEAM
T-6	3	TRACK (6 FEET)	SURFACE	TLS	GC	JUNO	T 6FT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
T-8	1	TRACK (8 FEET)	SURFACE	TLS	GC	JUNO	T 8FT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
TCL-0.5	1	CURRENT LIMITER (60W)	SURFACE	TLS	GC	JUNO	TCLFM11 BL W/ TCLCB 0.5A BLCK	N/A	120	0	BLACK CURRENT LIMITING END FEED
TCL-1	1	CURRENT LIMITER (120W)	SURFACE	TLS	GC	JUNO	TCLFM11 BL W/ TCLCB 1A BLCK	N/A	120	0	BLACK CURRENT LIMITING END FEED
W1	4	WIC LED FIXTURE	SURFACE	WCS	GC	FURNISHED WITH WIC	FURNISHED WITH WIC	INTEGRAL LED	120	29	WET-RATED COOLER FIXTURE
X9	1	LED CHANNEL LIGHT	SURFACE	TLS	GC	PARADIGM LED	AMC-2410-S W/ OPAL LENS AND END CAPS	FLEXSR-45-30-67-24	120	45	FURNISHED W/ REMOTE-MOUNTED NEMA 3R LED DRIVER. SEE PLAN FOR LENGTHS.

LIGHTING FIXTURE SCHEDULE NOTES

- A. FLUORESCENT LAMPS NOT INCLUDED WITH THE FIXTURES ARE TO BE MANUFACTURED BY SYLVANIA UNLESS OTHERWISE NOTED. PHILIPS FLUORESCENT LAMPS WILL BE AN ACCEPTABLE ALTERNATE.
B. SEE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT LOCATIONS.
C. SEE THE ARCHITECTURAL LIGHTING DETAILS FOR FIXTURE CONSTRUCTION DETAILS.

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.
- PROVIDE (2) GFCI RECEPTACLES FOR UNDERSHELF LIGHTING AS SHOWN. CONNECT TO SWITCHED LEG OF THE KITCHEN LIGHTING CIRCUIT. SEE ELEVATIONS ON SHEET E700 FOR RECEPTACLE LOCATIONS, HEIGHTS, AND CIRCUITING. INSTALL RECEPTACLES IN A HORIZONTAL ORIENTATION.
- 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.
- 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 WALL-MOUNTED DIMMERS ABOVE PANELBOARDS 6" ABOVE LAY-IN CEILING FOR CONTROL OF DINING ROOM OVERHEAD STRIP LED LIGHTS. CONNECT DIMMERS TO RELAYS SHOWN THROUGH THE LIGHTING CONTROL PANEL. SET DIMMERS AT 50%.
- CONNECT DINING ROOM (RELAY CIRCUITS R4, R5, AND R6) 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.



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

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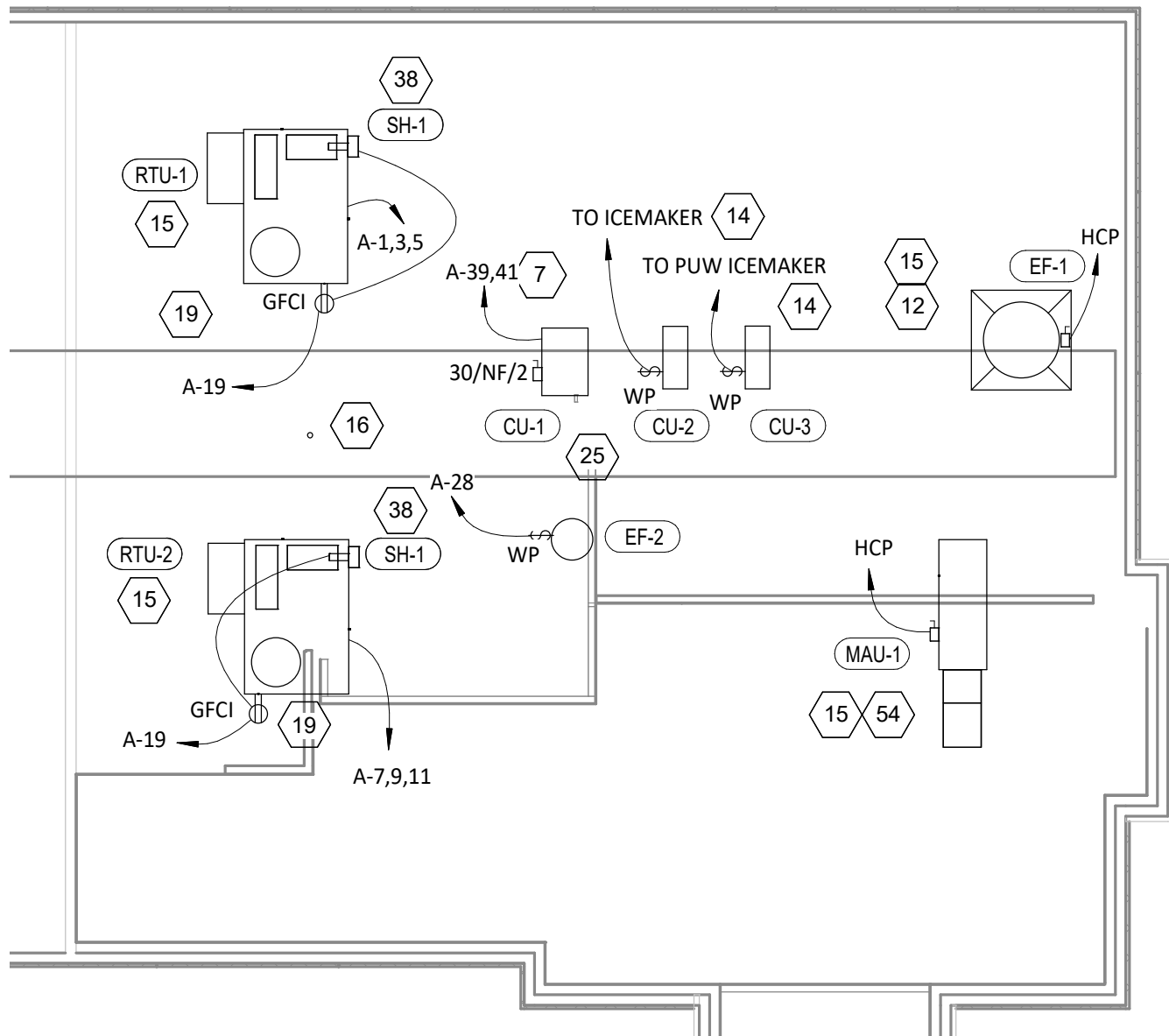
Contents:

**ELECTRICAL
LIGHTING PLAN**

E100

ELECTRICAL POWER PLAN NOTES

- SHOW ROOM WINDOW RECEPTACLE. COORDINATE EXACT RECEPTACLE MOUNTING HEIGHT IN THE FIELD. LOCATION SHALL BE IN THE DRYWALL IMMEDIATELY ABOVE THE MAIN STORE-FRONT WINDOW AND AS SHOWN IN THE DINING ROOM ELECTRICAL ELEVATIONS ON SHEET E700.
- ICE MACHINE ELECTRICAL TIE-IN. COORDINATE EXACT LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN. PROVIDE 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 MARS HALL PRIOR TO ROUGH-IN.
- CONNECT RECEPTACLES SERVING EQUIPMENT BELOW THE KITCHEN HOOD TO THE CIRCUITS SHOWN THROUGH THE CONTACTOR INTEGRAL TO THE HOOD CONTROL PANEL. INTEGRAL CONTACTOR SHALL BE INTERLOCKED TO HOOD FIRE PROTECTION SYSTEM SO THAT RECEPTACLES ARE DE-ENERGIZED UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM.
- JUNCTION BOX FOR EXTERIOR SIGN LIGHTING. COORDINATE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER AND THE SIGN INSTALLER PRIOR TO ROUGH-IN. CONNECT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710.
- HOOD CONTROL PANEL AND KITCHEN EXHAUST SUPPRESSION SYSTEM CABINET SHALL BE LOCATED WITHIN THE INTEGRAL HOOD UTILITY CABINET. PROVIDE FINAL ELECTRICAL CONNECTIONS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- INSTALL WIRING HARNESS FURNISHED WITH WALK-IN COOLER FROM CONDENSING UNIT ON ROOF TO THE CAPSULE-PAK REFRIGERATION MODULE ON THE WALK-IN COOLER.
- PROVIDE AN EMPTY SINGLE GANG J-BOX FOR VOLUME CONTROLS. INSTALL 16/2 SPEAKER WIRE FURNISHED BY MSS FROM THE J-BOX TO THE AMPLIFIER IN THE OFFICE WITH 3 FEET OF SLACK AT EACH END.
- COORDINATE DATA/POWER RECEPTACLE MOUNTING REQUIREMENTS WITH THE CASE WORK INSTALLER PRIOR TO ROUGH-IN.
- PROVIDE ROUGH-IN FOR LAUNCHPORT AS NOTED. LAUNCHPORT WILL BE FURNISHED AND INSTALLED BY CHIPOTLE WITH THE WALLSTATION AT 62" AFF. PROVIDE A 4" X 2-1/8" DEEP OCTAGON J-BOX WITH 1-1/2" EXTENSION RING AT 62" AFF FOR THE WALLSTATION INSTALLATION WITH A 1" CONDUIT WITH PULL STRING FROM THE J-BOX TO ABOVE THE OFFICE CEILING.
- PROVIDE AN EMPTY 1" CONDUIT WITH PULL STRING FROM THE BASE BUILDING'S TELEPHONE SERVICE ENTRANCE LOCATION TO THE SPACE ABOVE THE OFFICE CEILING.
- PROVIDE A SUITABLE LENGTH OF LIQUID-TIGHT CONDUIT TO THE EXHAUST FAN EF-1 TO ALLOW THE EXHAUST FAN TO HINGE COMPLETELY OPEN WHEN THE VIROGUARD SYSTEM IS INSTALLED.
- AFTER THE FAX LINE, POS, AND OFFICE EQUIPMENT IS INSTALLED PROVIDE CHILDPROOF RECEPTACLE COVERS ON UNUSED IG RECEPTACLES AT THE FAX LINE, POS, AND OFFICE.
- PROVIDE ONE PHASE, ONE NEUTRAL, AND ONE GROUND CONDUCTOR FROM THE ICE MAKER TO THE REMOTE CONDENSING UNIT.
- UNIT SHALL HAVE AN INTEGRAL NON-FUSED DISCONNECT SWITCH.
- PROVIDE 3" CONDUIT (EMT, IMC, OR RMC) THROUGH ROOF. TERMINATE WITH WEATHERHEAD 12" ABOVE ROOF FOR FUTURE CELL BOOSTER.
- INSTALL THE BYPASS DISTRIBUTION PANEL (BDP) FURNISHED BY THE TENANT. INSTALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DETAIL 3/E710.
- ROUGH-INS TO SERVE LINE AND POS EQUIPMENT ARE UNDERGROUND. COORDINATE ROUGH-IN REQUIREMENTS AND LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
- ROOFTOP UNIT SHALL HAVE AN INTEGRAL UNIT-MOUNTED GFCI RECEPTACLE. PROVIDE CONNECTION TO CIRCUIT SHOWN.
- ICE MAKER RECEPTACLES SHALL BE CONCEALED BEHIND THE ICE MAKER. COORDINATE LOCATION WITH ACTUAL WIDTH OF ICE MAKER.
- PROVIDE VERTICAL METAL DIE CAST WEATHERPROOF WHILE IN USE OUTLET COVER ON RECEPTACLES AT COOK LINE. COVER SHALL BE INTERMATIC WP1010MXD FOR SINGLE GANG BOXES AND WP1030MXD FOR DOUBLE GANG BOXES. NO SUBSTITUTIONS SHALL BE ACCEPTED.
- LABEL BATTERY-PROTECTED RECEPTACLES "BATTERY-PROTECTED: DISCONNECT AT PANEL BDP".
- LABEL MAIN DISCONNECT SWITCH AND PANEL A "WARNING: BATTERY-PROTECTED RECEPTACLES IN USE. DISCONNECT AT PANEL BDP."
- PROVIDE A NEMA 5-20P FLANGED INLET (LEVITON MODEL #15378-C) AND A SINGLE NEMA 5-20R RECEPTACLE IN OFFICE FOR CONNECTION TO A CENTRAL UPS SYSTEM. CONNECT THE FLANGED INLET AND THE SINGLE RECEPTACLE TO THE TERMINAL BLOCK IN THE BDP PER THE MANUFACTURER'S INSTRUCTIONS. PROVIDE FINAL CONNECTION FROM FLANGED INLET TO THE OUTPUT OF THE UPS USING A 2'-LONG 20A EXTENSION CORD. PLUG THE UPS INTO THE SINGLE RECEPTACLE.
- CONNECT RESTROOM EXHAUST FAN TO CIRCUIT SHOWN THROUGH THE DOUBLE-POLE SINGLE-THROW LIGHT SWITCH IN THE OFFICE.



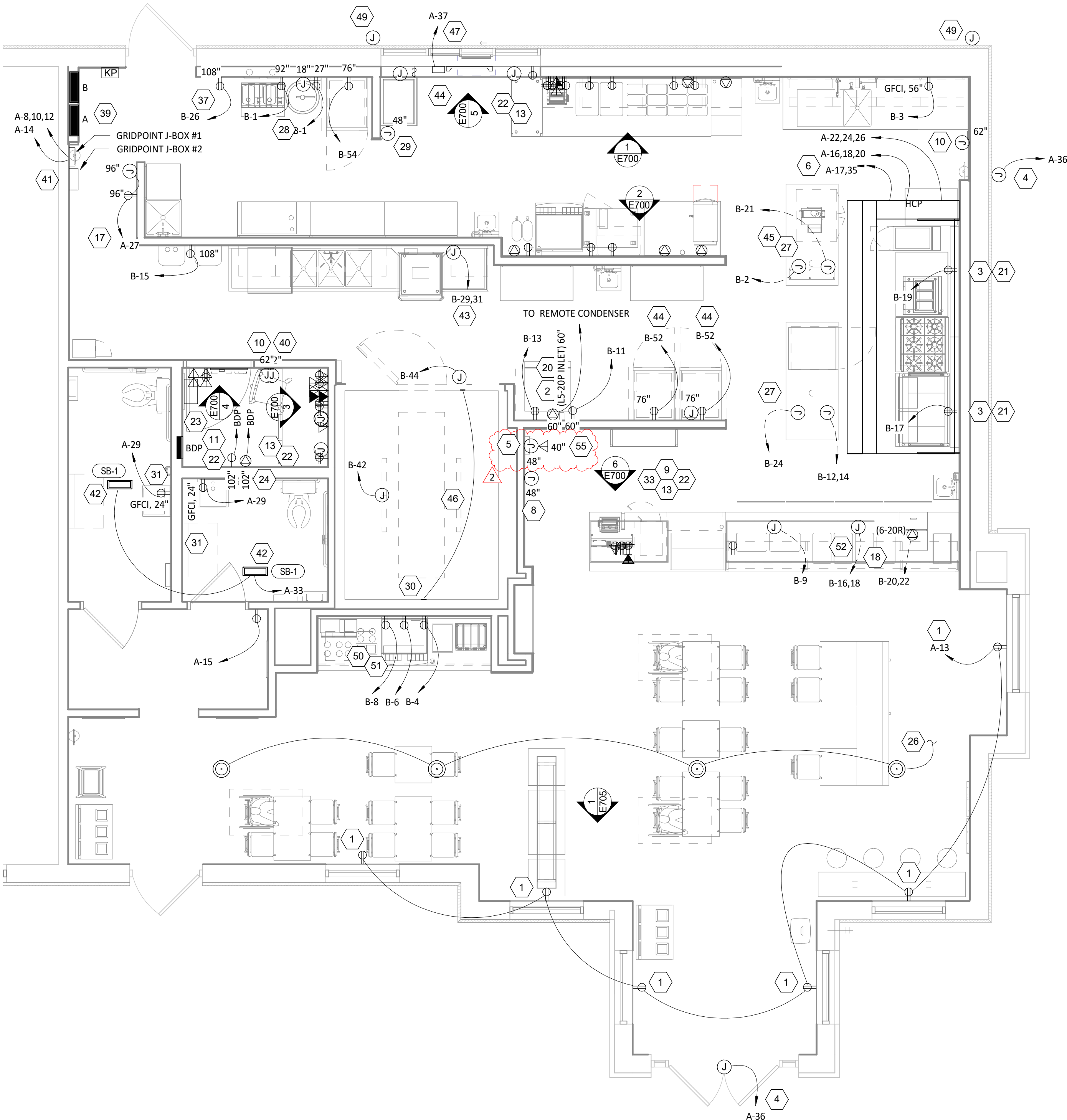
POWER ROOF PLAN
1/8" = 1'-0"

ELECTRICAL POWER PLAN NOTES

- INSTALL 16/2 SPEAKER WIRE FURNISHED BY MSS. 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.
- PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLES IN THREE J-BOXES INTEGRAL TO PREP TABLES (FOR UNDERCOUNTER REFRIGERATOR, HOT HOLDING CABINET, AND GENERAL RECEPTACLE).
- PROVIDE GFCI RECEPTACLE AND J-BOX AND INSTALL CO2 ALARM FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.
- PROVIDE J-BOX AND INSTALL CO2 ALARM REMOTE DISPLAY UNIT FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.
- 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.
- PROVIDE RECEPTACLE FOR RESTROOM HAND SINK FAUCET AS SHOWN IN DETAIL 14/P700.
- 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.
- LABEL RECEPTACLE "UV INSECT TRAP".
- INSTALL TRANSFORMER FURNISHED BY TUV WITH THE REME HALO AIR PURIFIER IN THE JUNCTION BOX ON THE EXTERIOR OF THE RTU PER DETAIL 6/M700. CONNECT LINE SIDE OF THE TRANSFORMER TO THE RTU SERVICE RECEPTACLE CIRCUIT SO THAT REME HALO RUNS CONTINUOUSLY. CONNECT THE LOW VOLTAGE SIDE OF THE TRANSFORMER TO THE REME HALO USING THE INCLUDED BARREL PLUG.

ELECTRICAL POWER PLAN NOTES

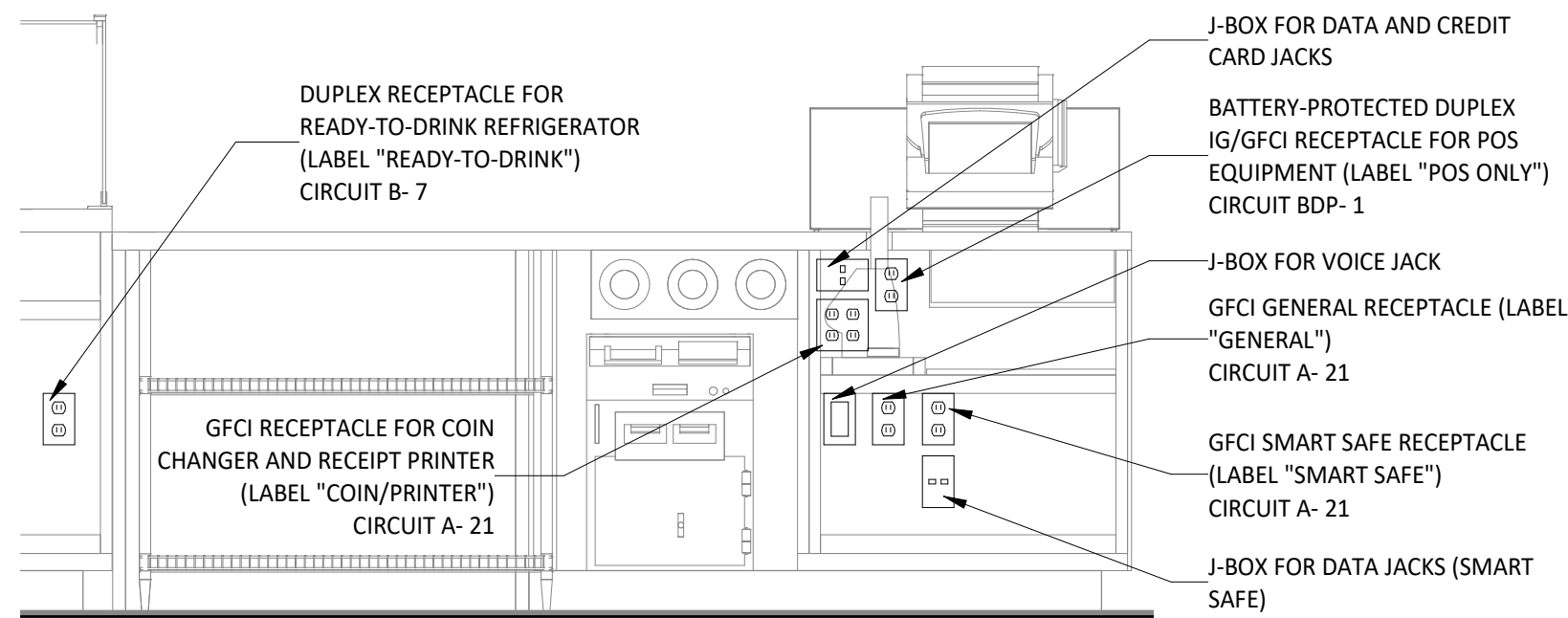
- PROVIDE (2) 10"x10"x4" JUNCTION BOXES (J-BOX #1/J-BOX #2) ON THE WALL ABOVE PANELBOARDS 6" BELOW THE LAY-IN CEILING AND MOUNTED ADJACENT TO EACH. PROVIDE CONDUITS AND WIRING SHOWN IN DETAIL 8/E710. TENS SHALL PROVIDE GRIDPOINT 3 PHASE METER AND TRANSFORMER WITHIN J-BOX #1 AND GRIDPOINT IOM/HUB WITHIN J-BOX #2. SEE GRIDPOINT INSTALLATION SHEET FOR DETAILS.
- PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION. PROVIDE CONDUITS AND WIRING AS SHOWN IN DETAIL 8/E710.
- 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.
- CONNECT BATHROOM SANITIZER TO CIRCUIT SHOWN SO THAT IT IS ENERGIZED AT ALL TIMES.
- PROVIDE POWER AND LOW VOLTAGE CONNECTIONS TO DISH SANITIZING MACHINE PER DETAIL 7/E710. CONNECT THE DETERGENT DISPENSER TO THE DISH MACHINE USING THE INCLUDED WIRING HARNESS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE RECEPTACLE FOR 2-DOOR AND/OR 1-DOOR REFRIGERATOR WITH GROUND PINS TOWARDS THE BOTTOM OF THE RECEPTACLE.
- PROVIDE ISLAND PREP TABLE FOOD WARMER RECEPTACLE WITH GROUND PIN TOWARDS THE BOTTOM OF THE RECEPTACLE.
- SEAL INTERIOR AND EXTERIOR OF CONDUITS THAT PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.



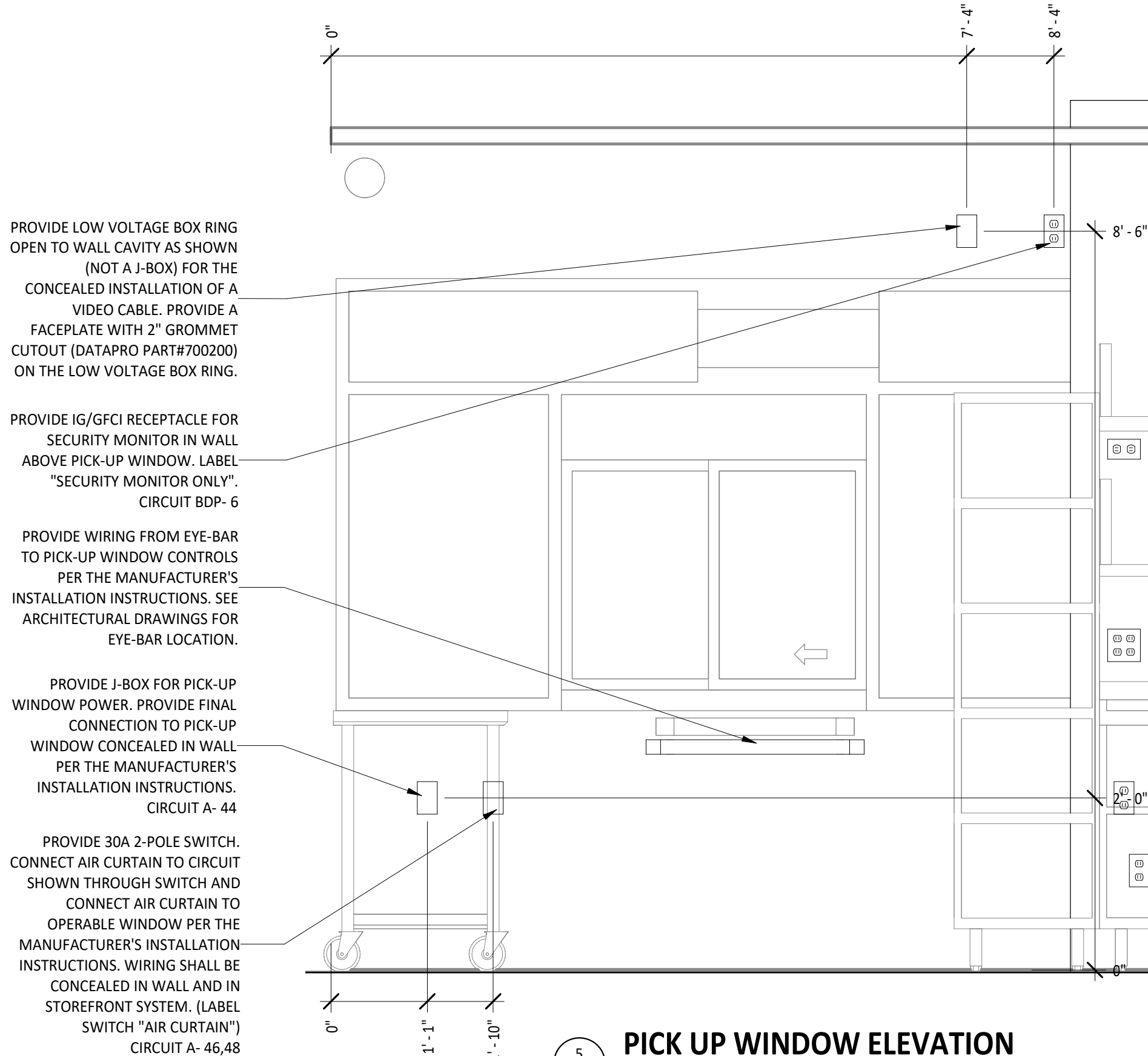
Panel Name: BDP		Volts: 120			
Mounting: Recessed		Phases: 1		Mains: LUGS	
Enclosure: Type 1		Wires: 2		Amperage: 20 A	
CKT	Circuit Description		Trip	Poles	Load
1	POS		15 A	1	0.2 kVA
2	DML - POS		15 A	1	0.2 kVA
3	DML - ORDERING SYSTEM		15 A	1	0.7 kVA
4	OFFICE - SECURITY SYSTEM		15 A	1	0.2 kVA
5	OFFICE - COMPUTER		15 A	1	0.4 kVA
6	OFFICE - DVR/ISP		15 A	1	0.5 kVA
				Total Load:	2.2 kVA
				Total Amps:	18 A

VOLTS: 208/120V Wye																	PANEL: A	
PHASES: 3																	MAINS: MCB	
WIRES: 4																	AMPERAGE: 400 A	
MOUNTING: Recessed																	MCB RATING: 400 A	
ENCLOSURE: Type 1																		
CKT #	DESCRIPTION	C/B [A]	#	PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [kVA] A	LOAD [kVA] B	LOAD [kVA] C	LOAD TYPE	LOAD [A]	NOTES	#	C/B [A]	DESCRIPTION	CKT #	
1								5.9	0.0								2	
3	AIR CONDITIONER - KITCHEN (RTU-1) (3-#6, #10 G. IN 1" C.)	60	3		HACR	49.0	C		5.9	0.0		-	0.0	3	60	TVSS (4-#6, #10 G. IN 1" C.)	4	
5										5.9	0.0						6	
7								5.9	0.0								8	
9	AIR CONDITIONER - DINING ROOM (RTU-2) (3-#6, #10 G. IN 1" C.)	60	3		HACR	49.0	C		5.9	0.0		-	0.0	3	20	GRIDPOINT 3 PHASE METER (4-#12, #12 G. IN 3/4" C.)	10	
11										5.9	0.0						12	
13	RECEPTACLES - STOREFRONT Receptáculos - Frente del restaurante	20	1			1.5	G	0.2	0.2			G	1.5	1	20	GRIDPOINT TRANSFORMER	14	
15	RECEPTACLES - DINING Receptáculos - Comedor	20	1			1.5	G		0.2	1.2							16	
17	Panel BDP	20	1			18.0	G			2.2	1.2	E	10.4	3	20	HOOD EXHAUST FAN (EF-1) (3-#12, #12 G. IN 3/4" C.)	18	
19	RECEPTACLES - ROOFTOP Receptáculos - Techo	20	1			3.3	G; E	0.4	1.2								20	
21	RECEPTACLES - POS GENERAL Receptáculos - Cajero general	20	1			6.0	G		0.7	0.5							22	
23	SECURITY/AUDIO Seguridad y audio	20	1			3.0	G			0.4	0.5	E	3.9	3	15	HOOD MAKEUP AIR FAN (MAU-1) (3-#12, #12 G. IN 3/4" C.)	24	
25	SPARE	20	1			--	--	0.0	0.5								26	
27	RECEPTACLES - OFFICE Receptáculos - Oficina	20	1		GFCI	9.0	G		1.1	0.5		A; E	4.4	1	15	RESTROOM FAN (EF-2)	28	
29	RECEPTACLES - RESTROOMS Receptáculos - Baños	20	1			3.0	G			0.4	0.6	A	4.9	1	20	LIGHTING - DINING ROOM Iluminación - Comedor	30	
31	RECEPTACLES - DML Receptáculos - Fax	20	1		GFCI	6.9	G	0.8	1.6			A	13.4	1	20	LIGHTING - KITCHEN Iluminación - Cocina	32	
33	BATHROOM SANITIZER Sanitizante de baño	20	1			0.2	E		0.0	0.0		--	--	1	20	SPARE	34	
35	HD-1 (CONTROL AND LIGHTS) (control y luces)	15	1			1.5	E			0.2	0.3	B	2.7	1	20	SIGN LIGHTING Iluminación para letreros	36	
37	PICK UP WINDOW NOTIFICATION	20	1			0.3	G	0.0	0.1			A; B	0.5	1	20	LIGHTING - EXTERIOR Iluminación - Exterior	38	
39		15	2			6.8	Other		0.7	0.8		B	6.7	1	20	SITE SIGNAGE	40	
41	CONDENSING UNIT (CU-1)									0.7	0.0	A	0.0	1	20	LIGHTING CONTROL PANEL	42	
43	SPARE	20	1			--	--	0.0	0.2			E	1.5	1	20	PICK-UP WINDOW	44	
45	SPARE	20	1			--	--		0.0	2.1							46	
47	SPARE	20	1			--	--			0.0	2.1	D	20.2	2	25	PUW AIR CURTAIN (2-#10, #10 G. IN 3/4" C.)	48	
49	SPARE	20	1			--	--	0.0	0.0			--	--	1	20	SPARE	50	
51	SPARE	20	1			--	--		0.0	0.0		--	--	1	20	SPARE	52	
53	SPARE	20	1			--	--			0.0	0.0	--	--	1	20	SPARE	54	
								17.8	--			--	--	1	--			
	FEED THRU (PANEL B) (4-500 KCMIL, #1/0 G. IN 4" C.)	0	3		LUGS	148.7	Spare; F		22.0	--		--	--	1	--			
										13.8	--	--	--	1	--			
PHASE TOTAL [kVA]:								34.7 kVA	41.6 kVA	34.1 kVA								
PHASE TOTAL [AMPS]:								290 A	348 A	284 A								
TYPE	DESCRIPTION	CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS										
A	INTERIOR LIGHTING	2 kVA		125.00%		3 kVA		TOTAL CONNECTED kVA: 110 kVA										
B	EXTERIOR LIGHTING	1 kVA		125.00%		1 kVA		TOTAL CONNECTED AMPS: 306 A										
C	COMFORT COOLING	35 kVA		100.00%		35 kVA		TOTAL ESTIMATED kVA: 92.5 kVA										
D	COMFORT HEATING	4 kVA		100.00%		4 kVA		TOTAL ESTIMATED AMPS: 257 A										
E	MISC. MOTOR	6 kVA		100.00%		6 kVA												
F	KITCHEN EQUIPMENT	54 kVA		65.00%		35 kVA												
G	RECEPTACLES	6 kVA		100.00%		6 kVA												

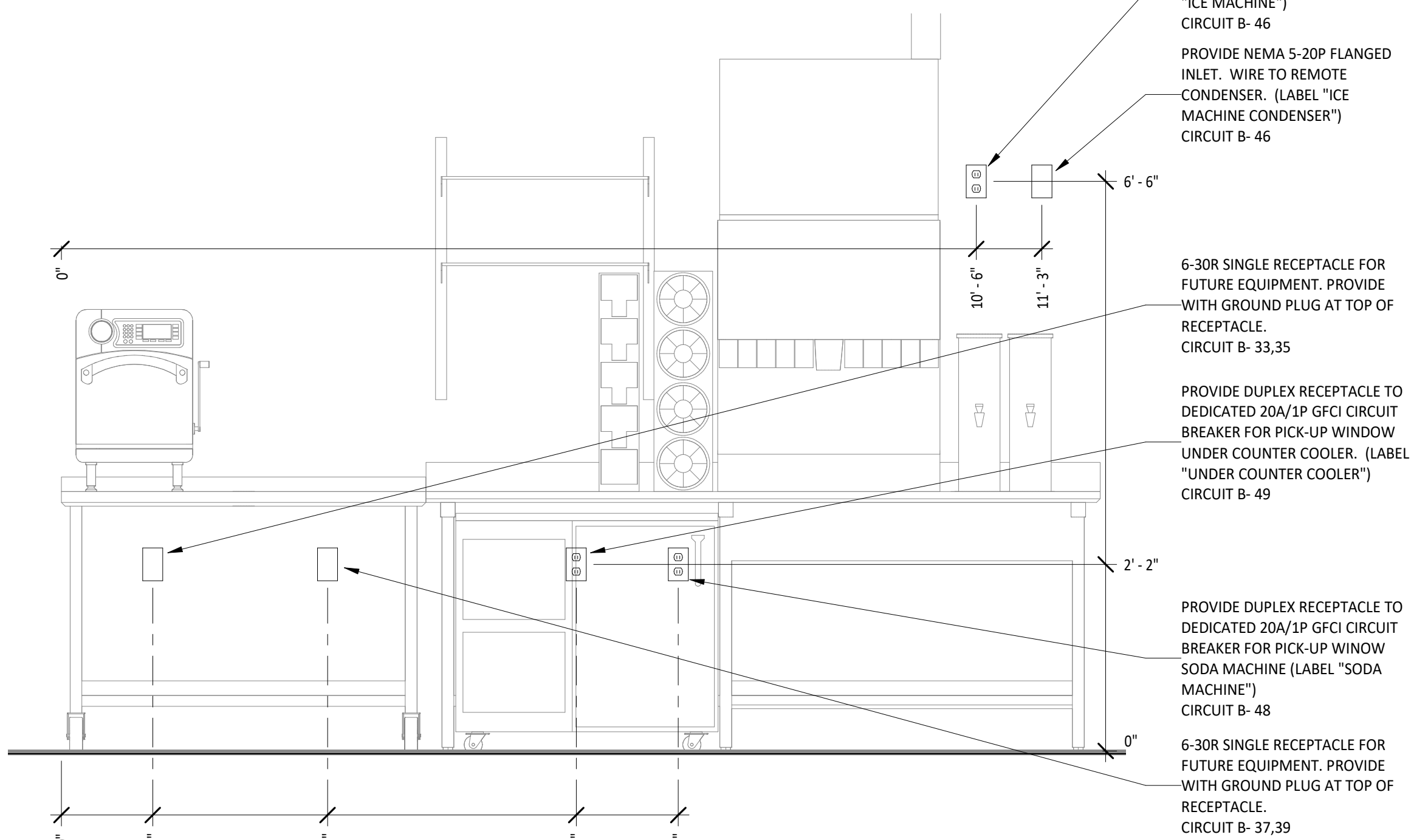
VOLTS: 208/120V Wye															PANEL: B				
PHASES: 3															MAINS: LUGS				
WIRES: 4															AMPERAGE: 400 A				
MOUNTING: Recessed															MCB RATING: 0 A				
ENCLOSURE: Type 1																			
CKT #	DESCRIPTION	C/B [A]	#	PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [kVA] A	LOAD [kVA] B	LOAD [kVA] C	LOAD TYPE	LOAD [A]	NOTES	#	C/B [A]	DESCRIPTION	CKT #		
1	CARBONATION/CO2 ALARM Sistema de carbonatación y alarma de CO2	20	1			GFCI	10.9	F	1.3	1.4		F	11.3	1	20	FOOD PREP TABLE (ISLAND) Mesa para la preparación de alimentos (isla)	2		
3	FOOD PREP TABLE Mesa para la preparación de alimentos	20	1						1.4	1.1		F	9.4	GFCI	1	20	SODA SYSTEM DISPENSER Dispensador para el sistema de refrescos	4	
5	SPARE	20	1			--	--			0.0	1.4	F	12.0	GFCI	1	20	ICE MAKER - UTENSIL COUNTER Máquina para hacer hielo	6	
7	READY-TO-DRINK REFRIGERATOR	20	1			GFCI	8.8	F	1.1	1.0		F	8.5	GFCI	1	20	BUBBLER	8	
9	COLD TOP (SERVE LINE) Tabla fría (línea de servicio)	20	1						1.4	0.0		--	--	1	20	SPARE	10		
11	ICE MAKER SANITIZER Desinfectante de la máquina para hacer hielo	20	1			GFCI	1.5	F			0.2	1.0					12		
13	ICE MAKER Máquina para hacer hielo	20	1			GFCI	16.0	F	1.9	1.0			F	10.0	2	20	CARVING STATION Estación para cortar carnes	14	
15	GAS WATER HEATER Calentador de agua a gas	20	1			gfcI	5.0	F		0.6	2.1		F	20.0	2	30	HOT FOOD SERVER (SERVE) (2-#10, #10 N., #10 G. in 3/4" C.) Servidor de alimentos	16	
17	GAS GRIDDLE Plancha de gas	20	1			GFCI	1.5	F			0.2	2.1					18		
19	GAS FRYER Freidora de gas	20	1			GFCI	0.6	F	0.1	1.4			F	13.0	GFCI	2	20	TORTILLA PRESS (SERVE LINE) (2-#10, #10 G. in 3/4" C.) Calentador de tortillas	20
21	FOOD WARMER (RICE TABLE) Calentador de alimentos (mesa para el arroz)	15	1				1.5	F		0.2	1.4						22		
23	SPARE	20	1			--	--			0.0	0.3	F	2.6	1	20	REFRIGERATOR (COOK LINE) Refrigerador (línea para cocinar)	24		
25	TORTILLA PRESS (SML) (2-#10, #10 G. in 3/4" C.) Calentador de tortillas (línea del fax)	20	2			GFCI	13.0	F	1.4	0.2			F	1.5	GFCI	1	20	UV INSECT LIGHT TRAP	26
27									1.4	2.1			F	20.0	GFCI	2	30	HOT FOOD SERVER (SML) (2-#10, #10 N., #10 G. in 3/4" C.) Servidor de alimentos calientes (línea de fax)	28
29	DISH MACHINE (2-#10, #10 G. in 3/4" C.) Lavavajillas	30	2				25.0	F			2.6	2.1					30		
31								2.6	1.4				F	11.7	GFCI	1	20	FOODWARMER (SML) Calentador de alimentos (línea de fax)	32
33	QUESADILLA MAKER - PUW (2-#10, #10 G. in 3/4" C.)	30	2			GFCI	28.0	F		2.9	1.2		F	10.0	GFCI	1	20	COLD TOP (SML) Tabla fría (línea de fax)	34
35										2.9	0.0	--	--	1	20	SPARE	36		
37	QUESADILLA MAKER - PUW (2-#10, #10 G. in 3/4" C.)	30	2			GFCI	28.0	F	2.9	0.0			--	--	1	20	SPARE	38	
39									2.9	0.0			--	--	1	20	SPARE	40	
41	SPARE	20	1			--	--			0.0	0.2	F	1.6	1	20	WIC - EVAPORATOR	42		
43	SPARE	20	1			--	--	0.0	0.0			F	0.2	1	20	WIC - DOOR	44		
45	SPARE	20	1			--	--		0.0	1.5		F	12.5	GFCI	1	20	ICE MAKER (PUW) Máquina para hace hielo	46	
47	SPARE	20	1			--	--			0.0	0.2	F	1.5	GFCI	1	20	SODA SYSTEM DISPENSER (PUW)	48	
49	UNDERCOUNTER COOLER (PUW)	20	1			GFCI	1.5	F	0.2	0.0		--	--	1	20	SPARE	50		
51	SPARE	20	1			--	--		0.0	1.9		F	16.0	GFCI	1	20	UPRIGHT REFRIGERATOR - 2 DOOR Refrigerador vertical	52	
53	SPARE	20	1			--	--			0.0	0.6	F	5.0	GFCI	1	20	UPRIGHT REFRIGERATOR - 1 DOOR Refrigerador vertical	54	
PHASE TOTAL [kVA]:									17.8 kVA	22.0 kVA	13.8 kVA								
PHASE TOTAL [AMPS]:									153 A	188 A	115 A								



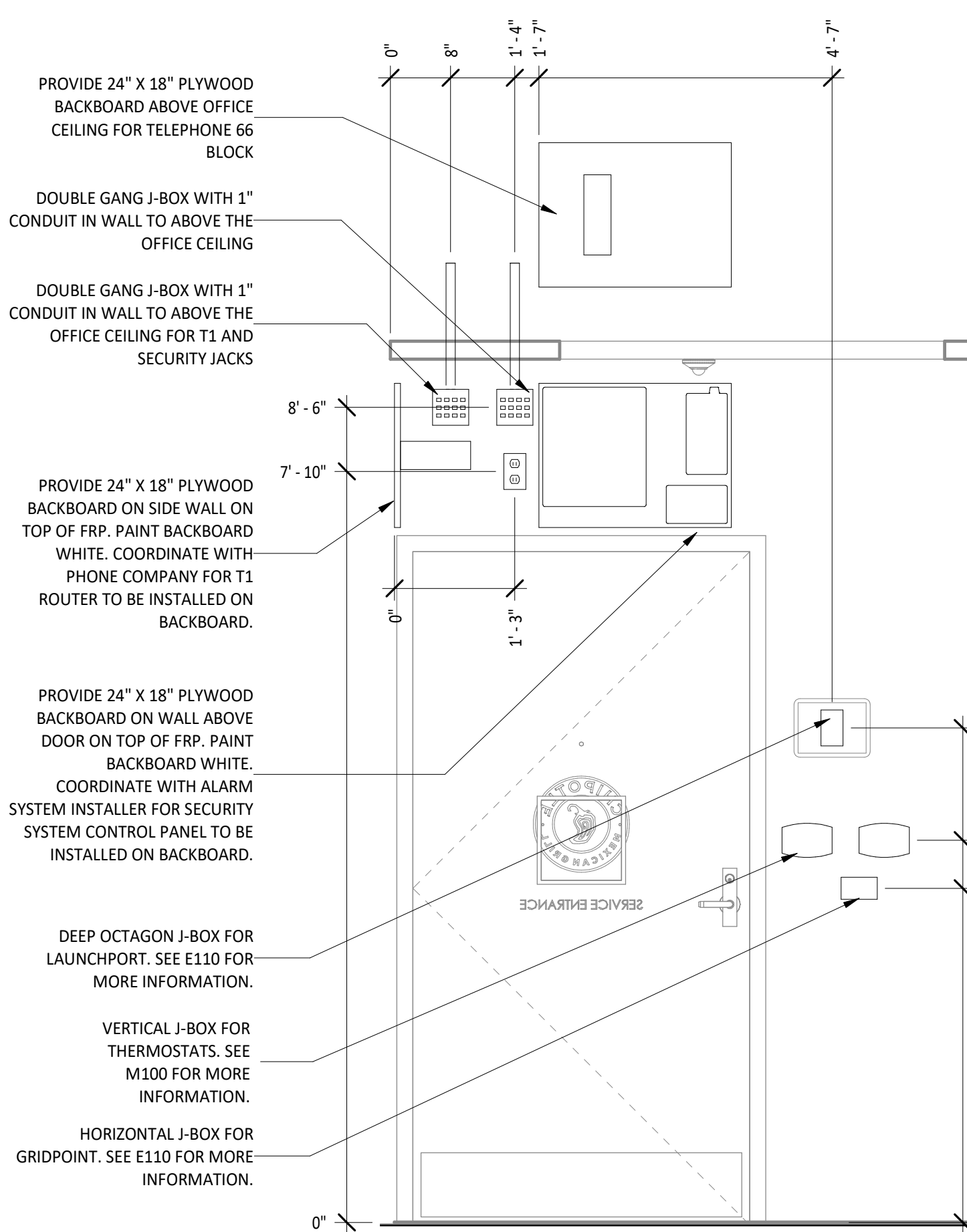
6 POS COUNTER ELECTRICAL ELEVATION
E700 3/4" = 1'-0"



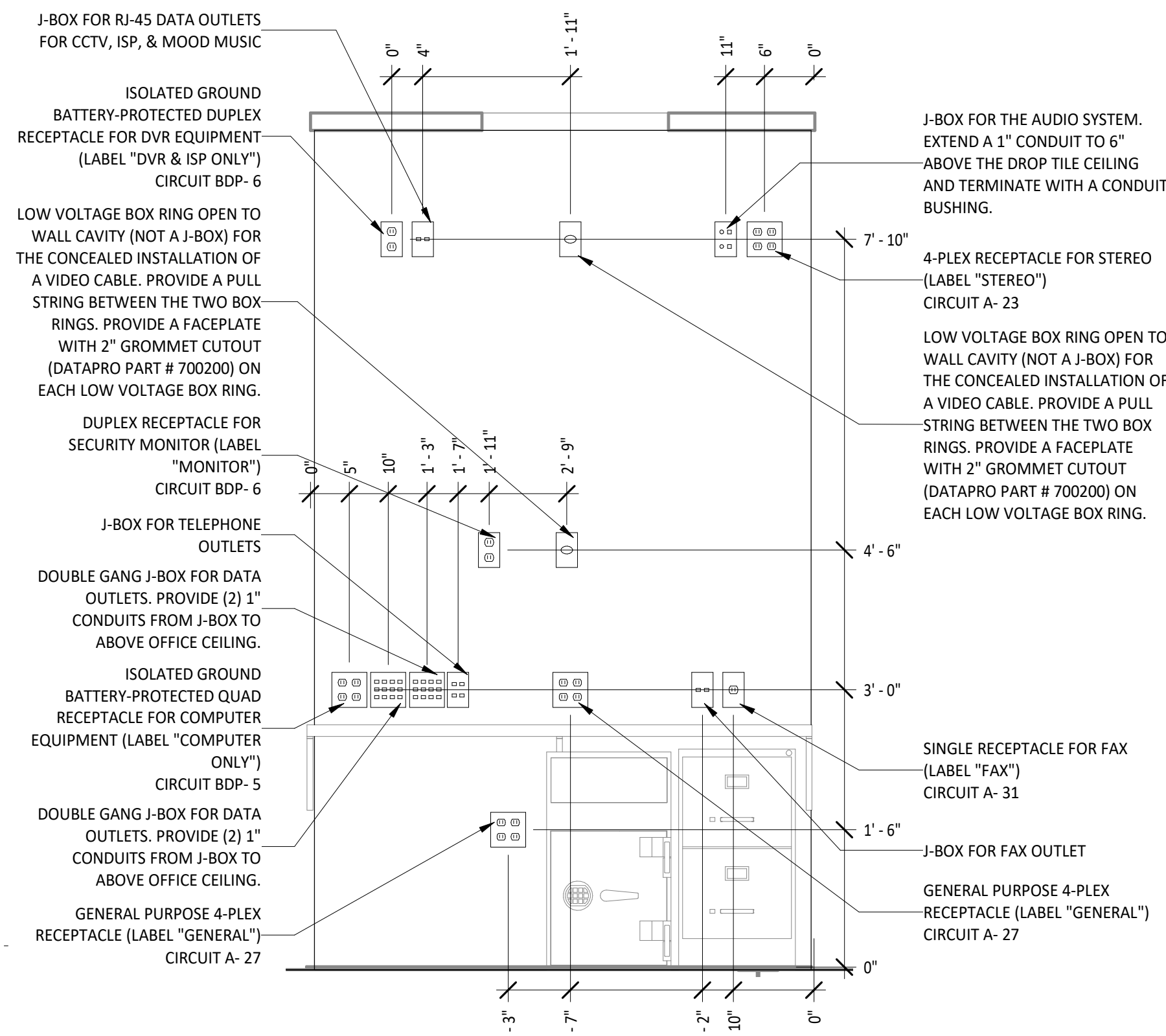
5 PICK UP WINDOW ELECTRICAL ELEVATION
E700 3/4" = 1'-0"



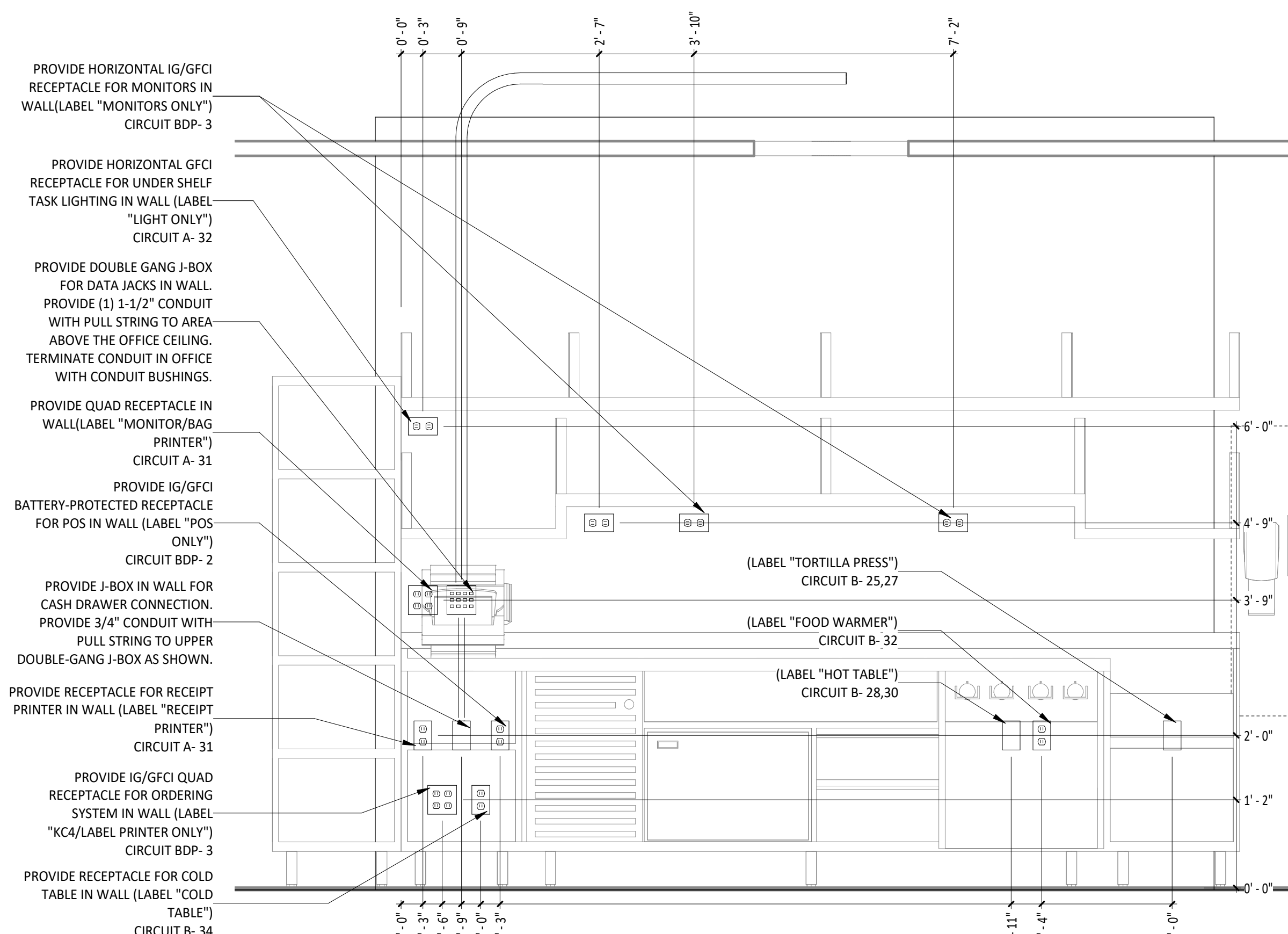
2 CHIP TABLE ELECTRICAL ELEVATION
E700 3/4" = 1'-0"



4 OFFICE DOOR ELECTRICAL ELEVATION
E700 3/4" = 1'-0"



3 OFFICE DESK ELECTRICAL ELEVATION
E700 3/4" = 1'-0"



1 SML ELECTRICAL ELEVATION
E700 3/4" = 1'-0"

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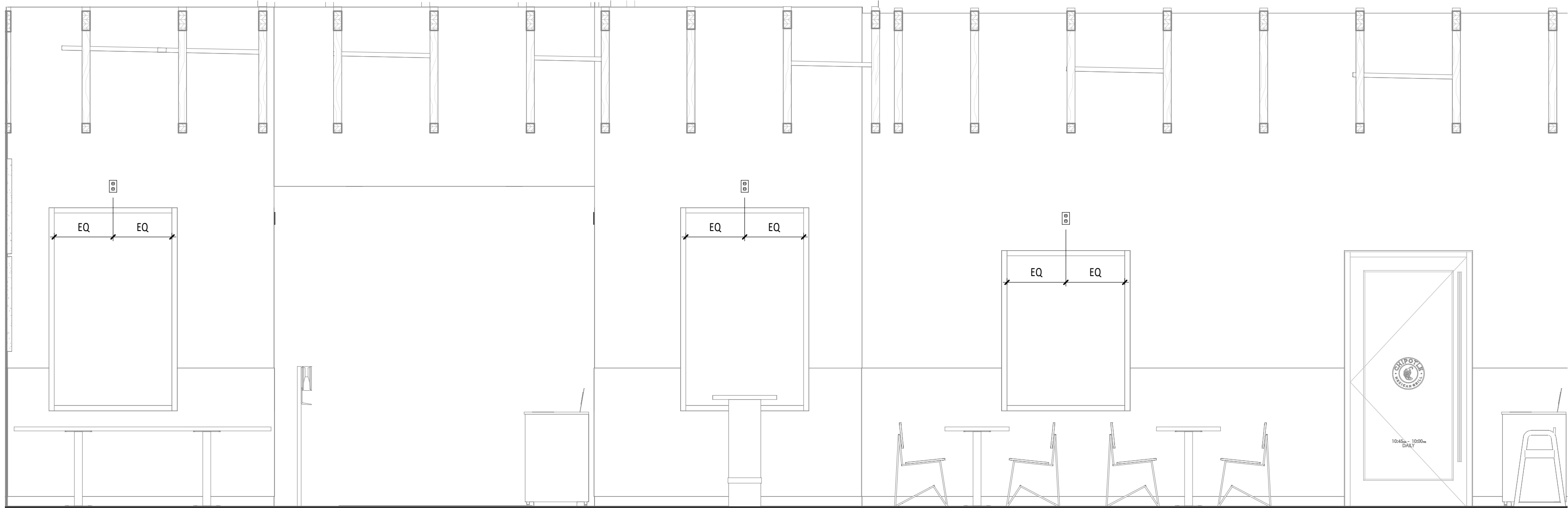
Drawn: DAA/JTU
Checked: DAA

Project No:
2301116

Contents:

ELECTRICAL INTERIOR
ELEVATIONS

E700



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

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08/27/2024 ISSUE FOR CONSTRUCTION

Revisions:	

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Project No.
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Contents:
ELECTRICAL INTERIOR
ELEVATIONS

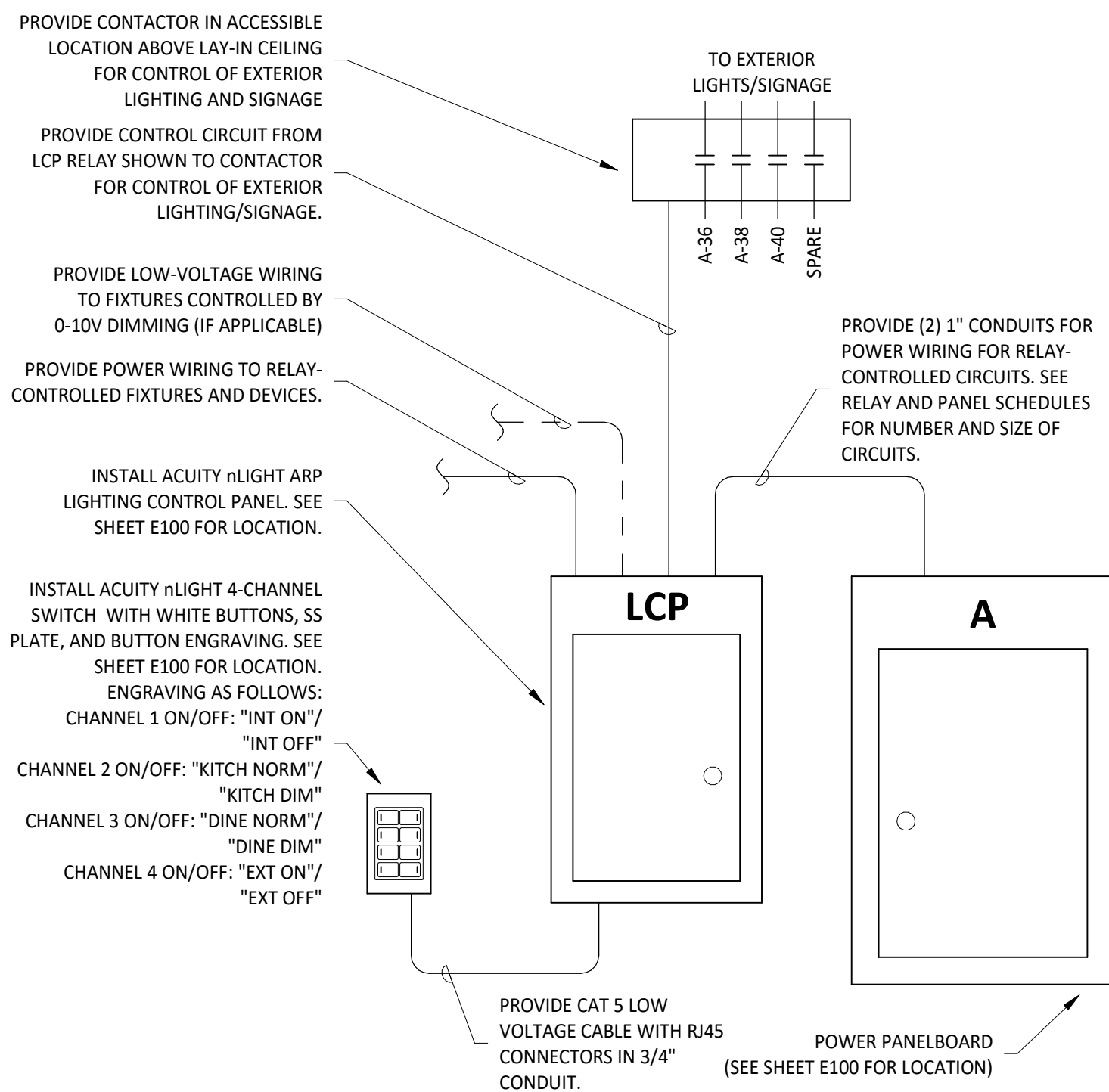
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1. INSTALL GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2. PROVIDE THERMOSTAT WIRING FROM EACH THERMOSTAT TO THE CORRESPONDING ROOFTOP UNIT.
2. PROVIDE CATSE CABLE FROM RTU-1 THERMOSTAT TO J-BOX #2 ABOVE ELECTRICAL PANELS (LEAVE 16" OF 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 CATSE 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 1/2" 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 (NOT SPLICED) CATSE CABLE FROM DISH SANITIZING MACHINE TO OFFICE (ABOVE LAY-IN CEILING) WITH 54" SLACK BETWEEN THE DISH MACHINE AND 10" SLACK ABOVE THE LAY-IN CEILING. PROVIDE RJ-12 PLUG ON CABLE AT DISH MACHINE END WITH BLUE WIRE CONNECTED TO PIN 3 AND BLUE/WHITE WIRE CONNECTED TO PIN 4. LABEL CABLE ON BOTH ENDS WITH "DISHWASHER".
7. PROVIDE CATS 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 16" OF SLACK CABLE 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 OF [4] #12, #12 G. FROM EACH ELECTRICAL SERVICE.
15. FOR EACH ELECTRICAL SERVICE PROVIDE (1) SET OF [4] #12, #12 G. FROM 3-POLE GRIDPOINT CIRCUIT BREAKER AND, IF THE PANELBOARD HAS 120V CIRCUITS AVAILABLE, (1) SET OF [2] #12, #12 G. FROM 1-POLE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
16. IF THE PANELBOARD DOES NOT HAVE 120V CIRCUITS AVAILABLE PROVIDE (1) SET OF 1-POLE 120V 20A CIRCUIT BREAKER IN A PANEL WITH A 120V CIRCUIT AVAILABLE. PROVIDE (1) SET OF [2] #12, #12 G. FROM THE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
17. GRIDPOINT CONTROLLER PROVIDED BY TEMS
18. PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION AS SHOWN. PROVIDE 3/4" CONDUIT WITH PULL STRING AND INSULATING BUSHING FROM J-BOX TO 6" ABOVE OFFICE LAY-IN CEILING.

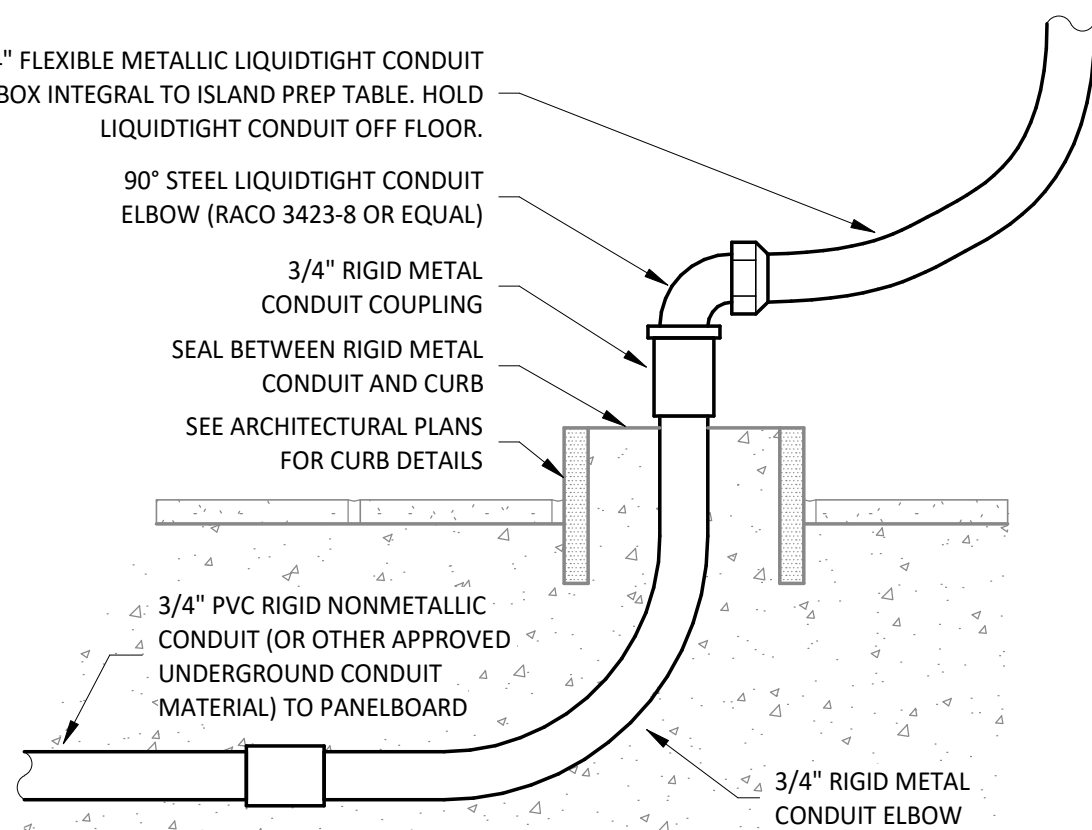
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- A. EMERGENCY LIGHT FIXTURES, EXIT SIGNS, LOCALLY-SWITCHED FIXTURES, AND FIXTURES DESIGNATED AS NIGHT LIGHTS ARE NOT CONTROLLED THROUGH THE RELAY PANEL.
- B. ALL TIMES NOTED SHALL BE LOCAL TIME AND SHALL AUTOMATICALLY ADJUST FOR DAYLIGHT SAVINGS TIME, 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 AREA LIGHTING CIRCUITS (R4, R5, R6) SHALL BE ENERGIZED FROM 10:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
- E. EXTERIOR LIGHTING/SIGNAGE RELAY (R8) SHALL BE ENERGIZED FROM ONE HOUR BEFORE SUNSET UNTIL ONE HOUR AFTER CLOSING AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
- F. 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.
- G. 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.
- 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. 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.
- J. EXTERIOR (CHANNEL 4): WHEN THE EXTERIOR OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 4) RELAY R8 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
- K. 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.

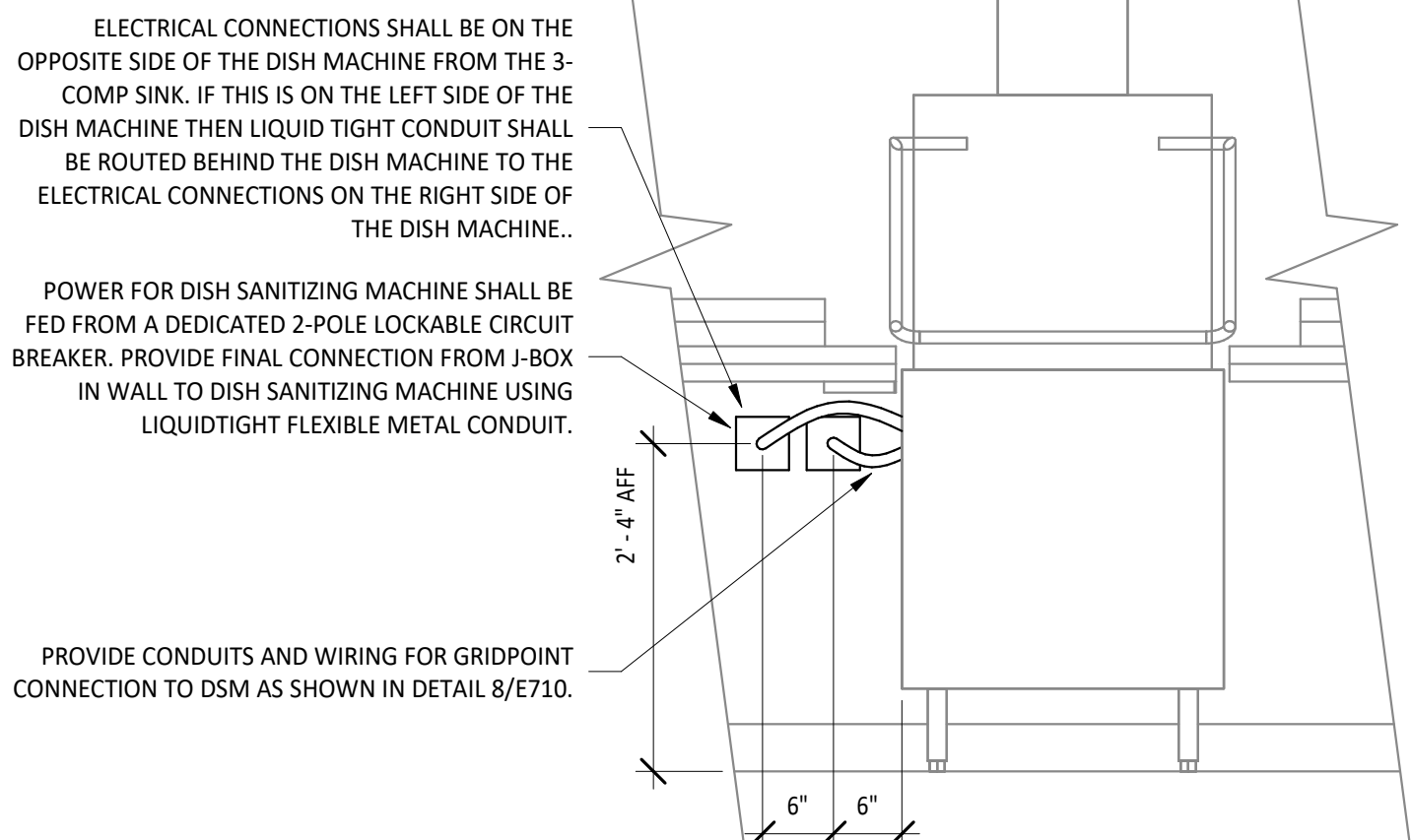
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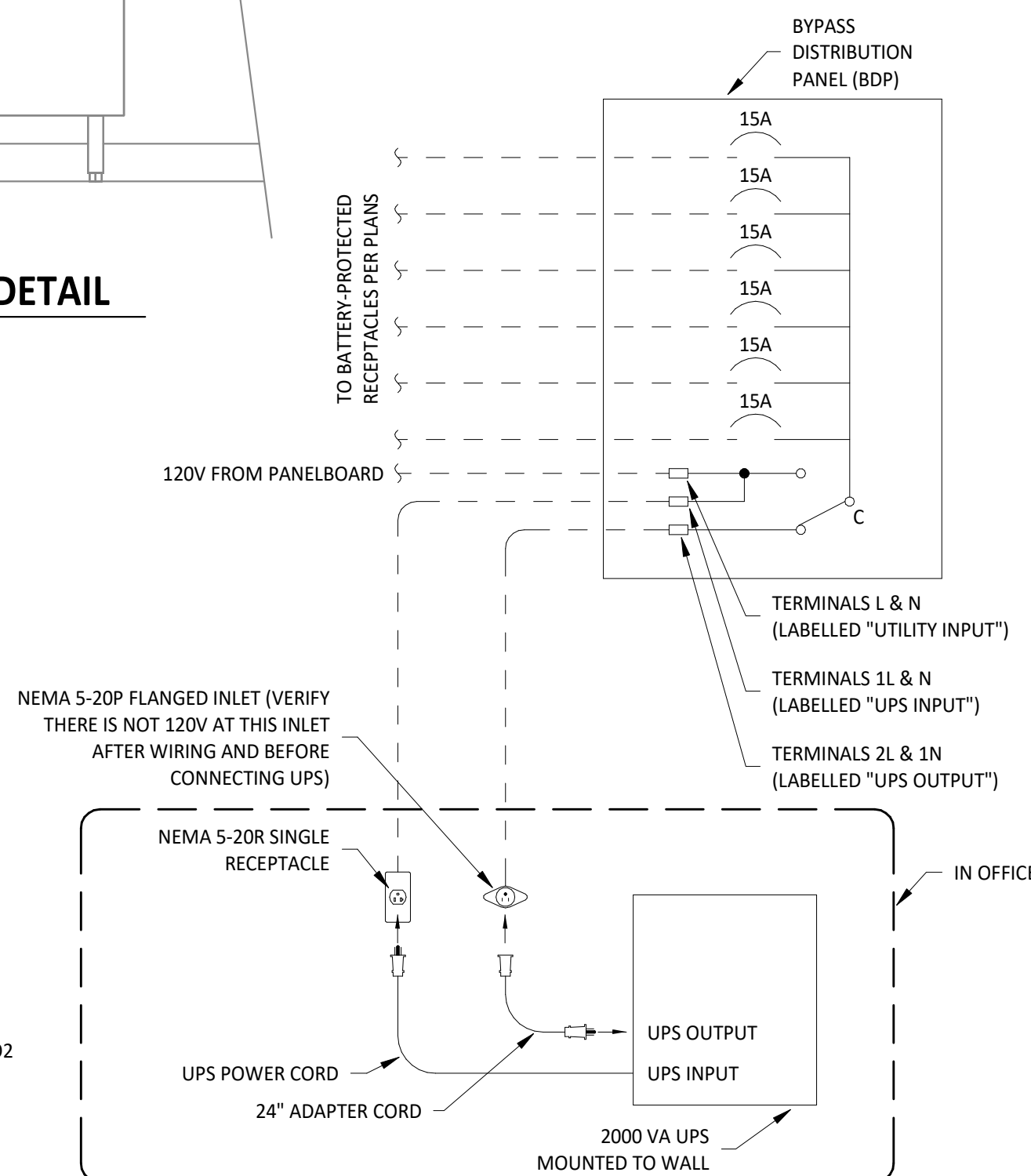
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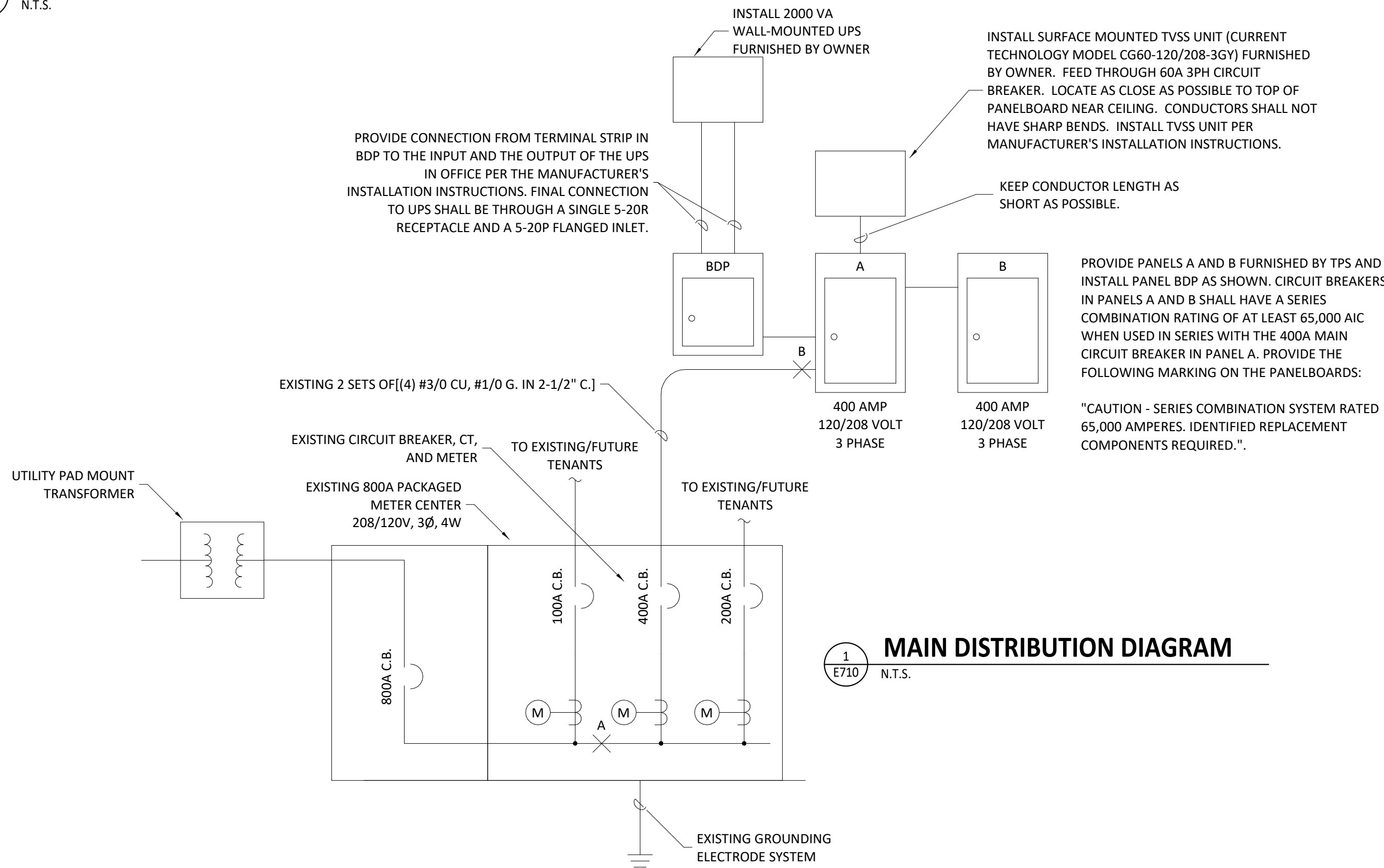
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ELECTRICAL DETAILS

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