

1
G001 FURNITURE, FIXTURE & EQUIPMENT PLAN
1/4" = 1'-0"

BUILDING CODE & ZONING DATA

1. OCCUPANCY GROUP:	A-2	
OCCUPANCY SEPARATION REQUIRED:	N/A	
OCCUPANCY SEPARATION PROVIDED:	N/A	
2. TYPE OF CONSTRUCTION:	V-B	
3. USE GROUP:	A-2	
ALLOWABLE AREA:	6,000 S.F.	
AREA INCREASE W/ SPRINKLERS:	N/A	
ACTUAL AREA:	2,325 S.F.	
TENANT LEASE AREA:	2,325 S.F.	
4. ALLOWABLE NO. OF STORIES:	1	
ACTUAL NO. OF STORIES:	1	
ALLOWABLE BUILDING HEIGHT:	40'-0" MAXIMUM HEIGHT	
ACTUAL BUILDING HEIGHT:	20'-8"	
5. CALCULATED OCCUPANT LOAD		
DINING ROOM AND CIRCULATION	798 SF / 15 SF = 54	
KITCHEN-COMMERCIAL	994 SF / 200 SF = 5	
RESTROOMS AND CIRCULATION	182 SF / 100 SF = 2	
TOTAL	1974 SF 61	
POSTED OCCUPANT LOAD	XX	
SEATING:		
INTERIOR:	42 SEATS	
PATIO:	22 SEATS	
TOTAL:	64 SEATS	
6. MEANS OF EGRESS REQUIRED:	2	
MEANS OF EGRESS PROVIDED:	3	
7. FIRE SPRINKLERS:	NONE	
8. PLUMBING FIXTURES		
WATER CLOSURES		
REC'D PROV'D	LAVORATORIES REC'D PROV'D	URINALS REC'D PROV'D
MEN'S: 1 1	1 1	0 0
WOMEN'S: 1 1	1 1	0 0

NOTE: RESTROOMS SHOWN AS UNISEX WITH TOTAL FIXTURE COUNTS MET.

CODE AUTHORITIES

BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE
MECHANICAL CODE:	2018 INTERNATIONAL MECHANICAL CODE
PLUMBING CODE:	2018 INTERNATIONAL PLUMBING CODE
ENERGY CODE:	2018 INTERNATIONAL ENERGY CODE
FUEL GAS CODE:	2018 INTERNATIONAL FUEL GAS CODE
ELECTRICAL CODE:	2020 NATIONAL ELECTRIC CODE
FIRE CODE:	2018 INTERNATIONAL FIRE CODE
ACCESSIBILITY:	2012 TAS
FOOD/RESTAURANT CODE:	2021 TFER

EGRESS SEPARATION NOTE

OVERALL DISTANCE:	51'-1 3/4"
REQUIRED SEPARATION:	25'-6 7/8" (NON-SPRINKLERED)
PROVIDED SEPARATION:	38'-10 3/8"

ARCHITECT OF RECORD



513 MAIN STREET, SUITE 300
FORT WORTH, TEXAS 76102
(817) 820-0433

SEAL



10/20/2023

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STORE NO.: 4951

WILLIS
12600 I-45 N,
WILLIS, TX 77378

Issue Record:

10/20/2023 PERMIT SET

Revisions:

Drawn: O. SORIANO Checked: T. GRANDORF

Project No. CMG #4951

Contents:

PROJECT DATA &
LIFE SAFETY PLAN

G001

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, CONTACT ARCHITECT IMMEDIATELY.
3. ALL SITE WORK INCLUDING PAVING, CURBING, PARKING, PARKING LOT LIGHTING, SIDEWALKS, LANDSCAPING AND DUMPSTER ENCLOSURE ARE BY LANDLORD U.N.O.

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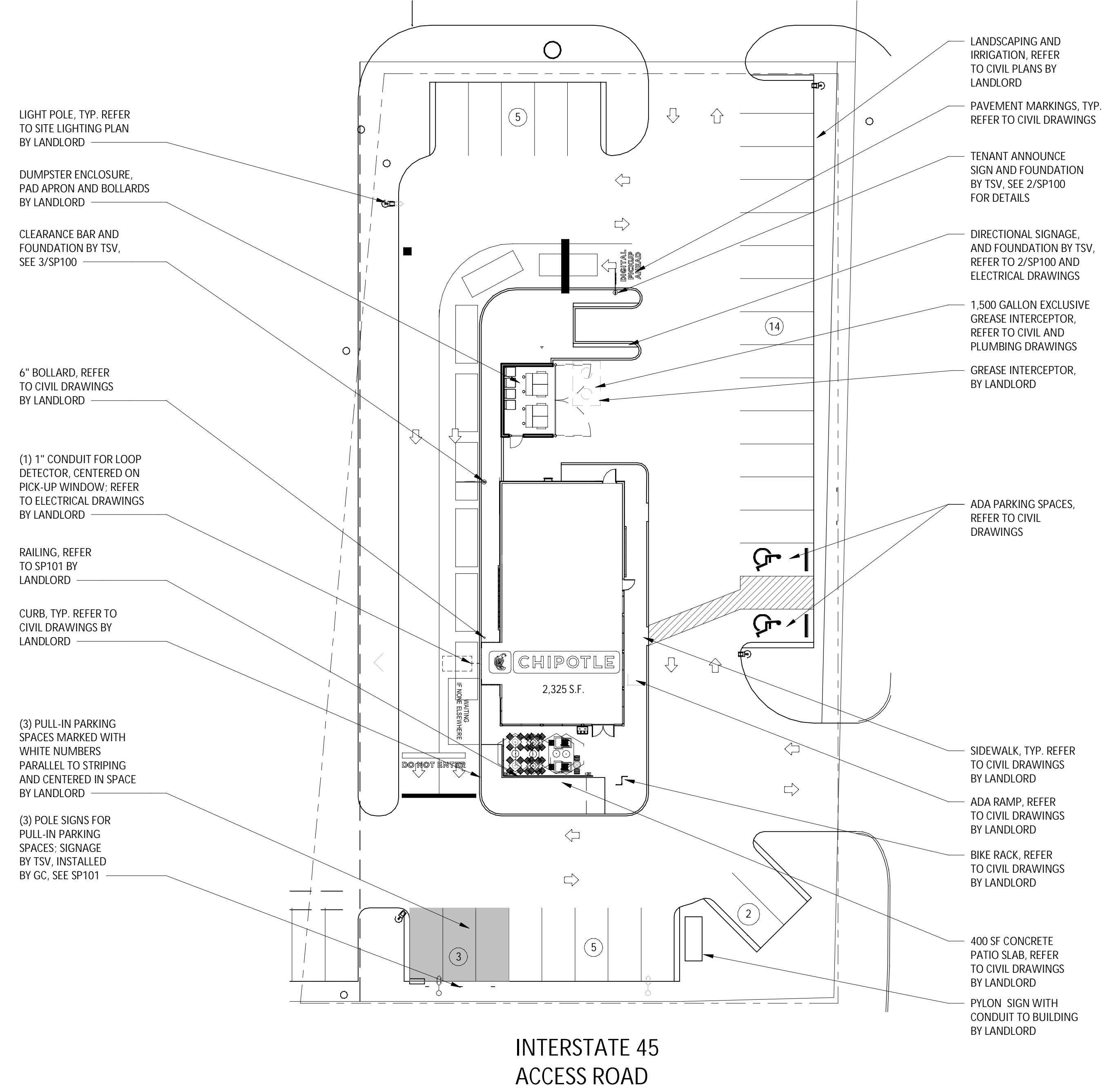
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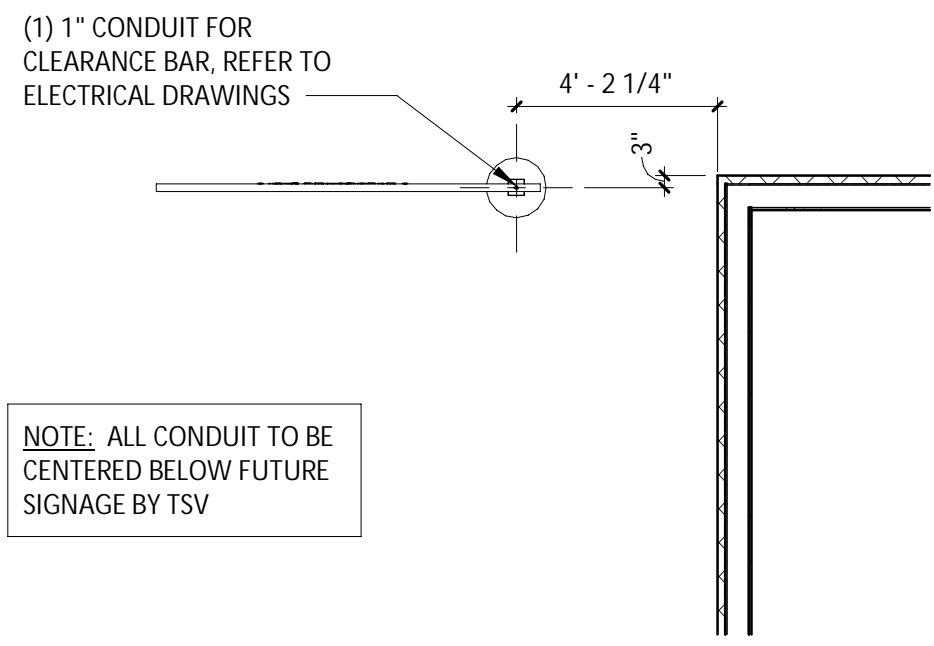
Project No.
CMG #4951

Contents:
ARCHITECTURAL
SITE PLAN

SP100



ADJACENT
PROPERTY
(N.I.C.)



NOTE: ALL CONDUIT TO BE CENTERED BELOW FUTURE SIGNAGE BY TSV

ARCHITECTURAL SITE PLAN DIMENSIONED
1/4" = 1'-0"

ARCHITECTURAL SITE PLAN
3/64" = 1'-0"

PLUMBING LEGEND

	FLOOR SINK
	FLOOR DRAIN
	TRENCH DRAIN

GENERAL NOTES

- VERIFY OVERALL INTERIOR DIMENSIONS, INTERIOR COLUMN PLACEMENTS, AND EXTERIOR WALL PENETRATIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL DIMENSIONS ARE TO THE INSIDE FACE OF EXTERIOR WALLS.
- ALL DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE UNLESS OTHERWISE NOTED.
- GC TO REVIEW ELECTRICAL PLANS FOR LIGHTING OR POWER STUB LOCATIONS PRIOR TO POURING SLAB.
- REFER TO "03300 - CAST-IN-PLACE CONCRETE" IN SPECIFICATIONS FOR CONCRETE PATCHING OR INSTALLATION INFORMATION.
- VERIFY PERIMETER FOUNDATION INSULATION IS EXISTING IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 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.

FOR WATERPROOFING REFER TO SECTION 09330 - QUARRY TILE WITH WATERPROOFING MEMBRANE (KITCHEN AND STORAGE) IN SPECIFICATIONS AND DETAILS ON ALT A801

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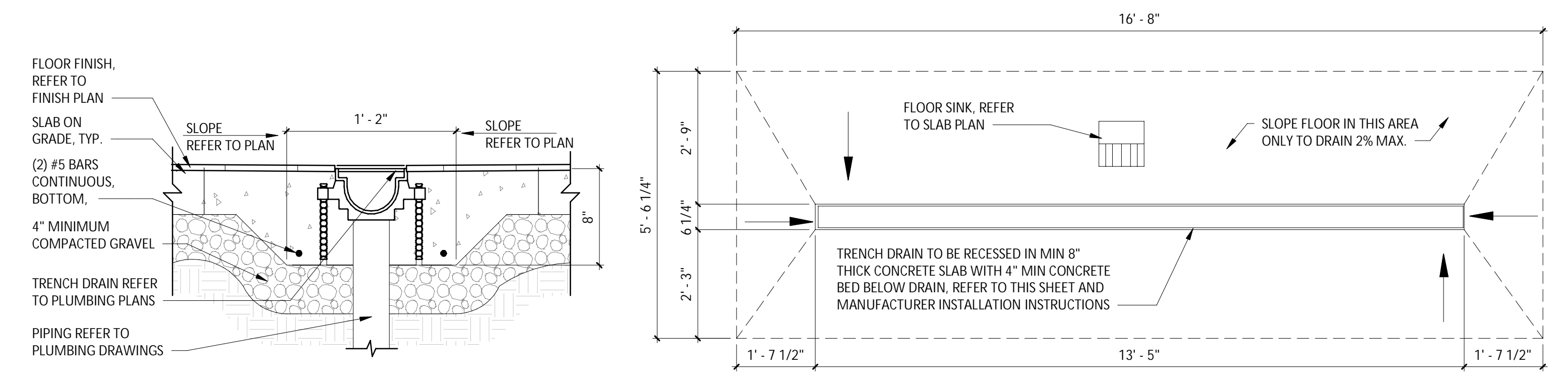
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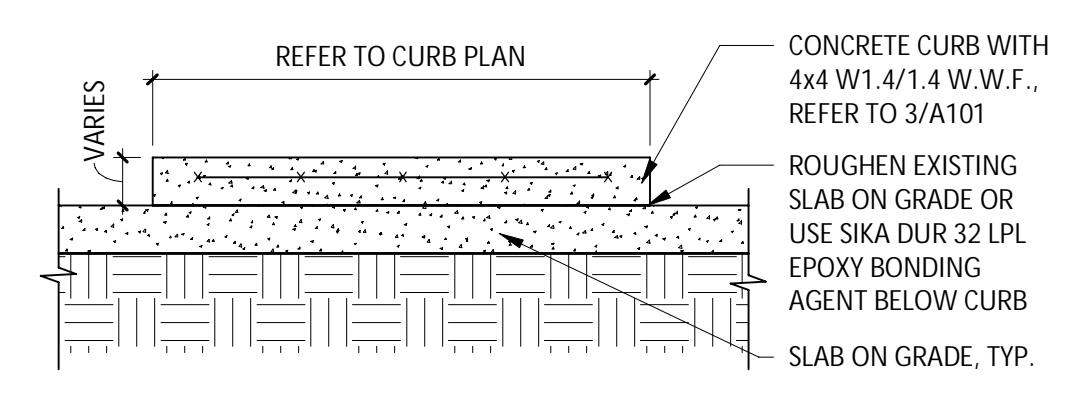
Contents:
SLAB WORK PLAN

A101

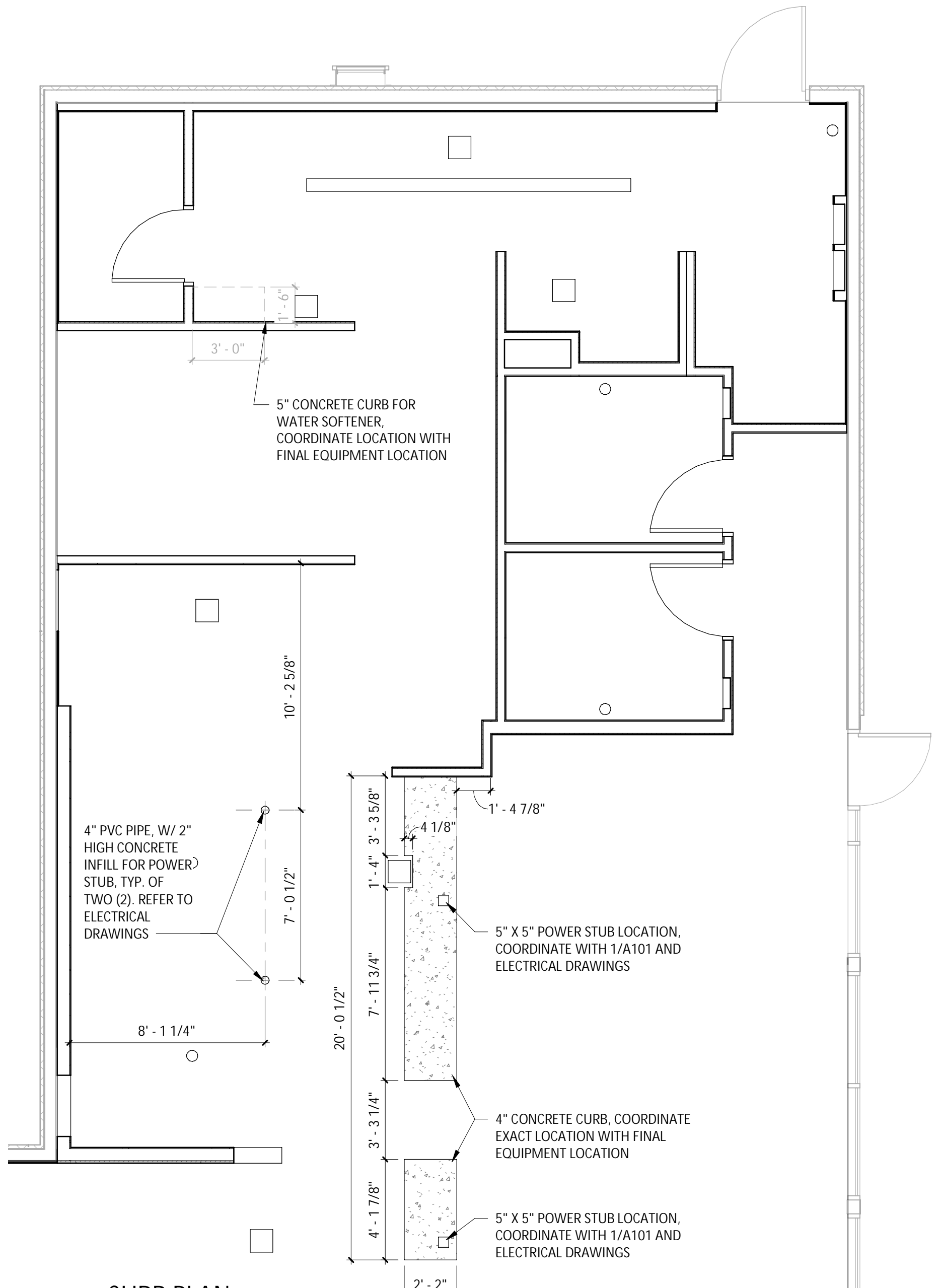


6 TRENCH DRAIN DETAIL
1 1/2" = 1'-0"

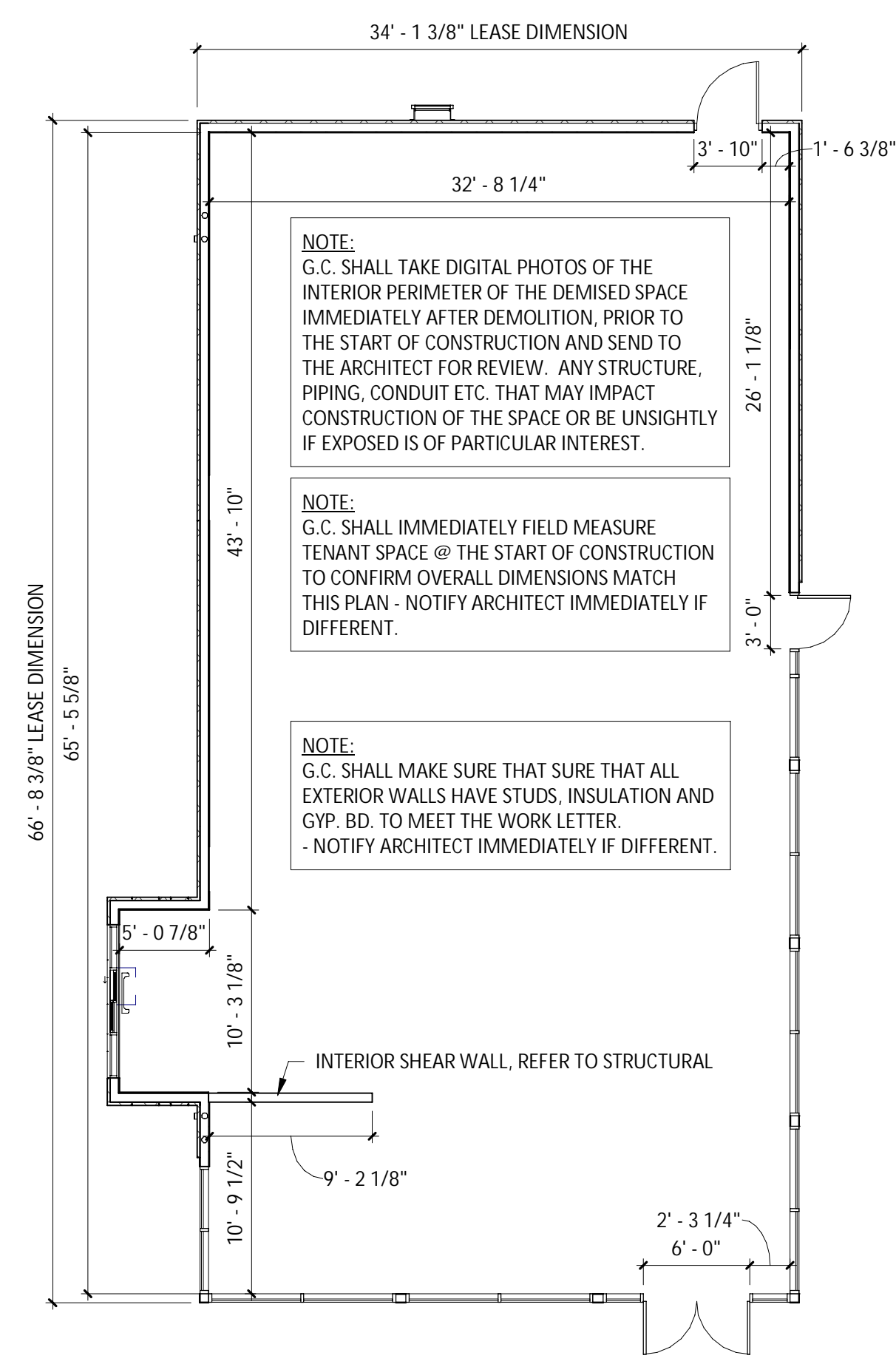
5 TRENCH DRAIN PLAN DETAIL
1/2" = 1'-0"



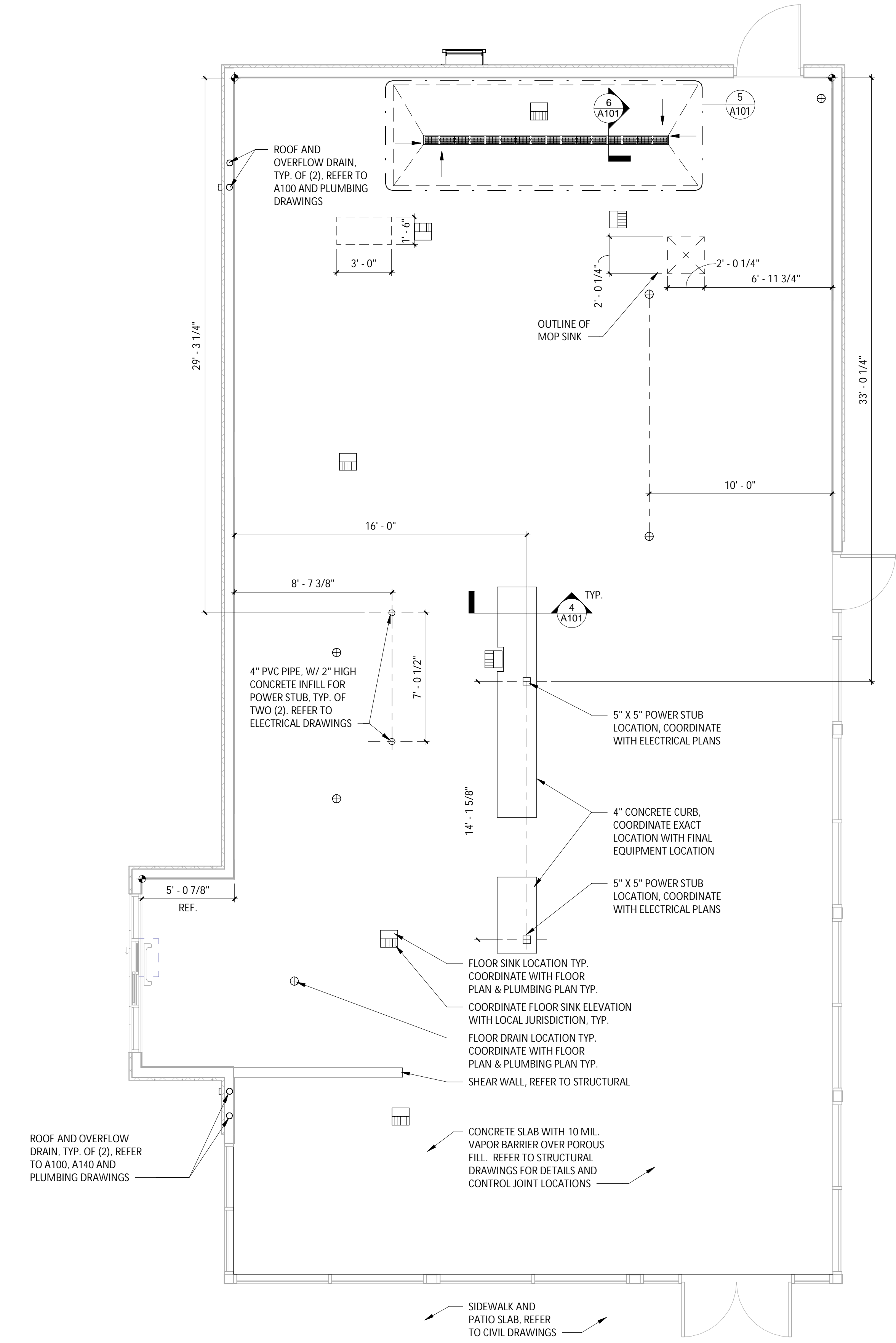
4 CONCRETE CURB DETAIL
3/4" = 1'-0"



3 CURB PLAN
1/4" = 1'-0"



2 DEMISED PREMISES PLAN
1/8" = 1'-0"



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

CODED NOTES

- 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
- 2 SCHLUTER-QUADEC METAL CORNER. REFER TO 10&11/A802 & 11/A801.
- 3 ALUMINUM ENDCAPS, REFER TO 12/A802. FOR WINDOWS, REFER TO 12&13/A802
- 4 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 17/A801.
- 5 AT LOCATIONS WHERE THE 4-COMP SINK IS AGAINST A SIDE WALL, PROVIDE STAINLESS STEEL ON WALL TO 4" ABOVE TOP OF 4-COMP NOT USED. FLASH BOTTOM EDGE OVER 4-COMP SINK BACKSPLASH EDGE. BEND STAINLESS AT INSIDE CORNER SO THERE IS NO JOINT
- 6 COOLER WALL PANELS AS PROVIDED BY THE COOLER MANUFACTURER HAVE A 26-GAUGE COATED AND EMBOSSED STEEL FINISH.
- 7 G.C. TO PROVIDE 18 GAUGE STAINLESS STEEL SHROUD AROUND EXPOSED LINES AT THE ICE MAKER.
- 8 PROVIDE WATERPROOFING MEMBRANE, REFER TO 4&5/A802. PROVIDE ON INTERIOR OF ALL RESTROOM WALLS. REFER TO 18/A801.
- 9 PROVIDE QUARRY TILE ON TOP OF CURB FOR SMART SAFE. PROVIDE BULLNOSE TILE TO LAP OVER TOP CUT EDGE OF BASE TILE. REFER TO SHEET 1/802. G.C. TO COORDINATE EXTENT OF QUARRY TILE WITH KES PRIOR TO INSTALLATION.
- 10 FRP CLOSURE AT COOLER AIR GAP, REFER TO 14/A801
- 11 NOT USED
- 12 OUTSIDE CORNER GUARD BY TMS, REFER TO 13/A801
- 13 ALIGN LOW EDGE OF RENO RAMP WITH FRONT EDGE OF EQUIPMENT CURB AND FACE OF ADJACENT WALL BASE FINISH. AT DOORS, ALIGN LOW EDGE WITH FRONT FACE OF DOOR.
- 14 SURFACE MOUNTED WALK OFF MAT. INSTALL PER MANUFACTURER'S SPECIFICATIONS. REFER TO 21/A801 FOR DETAILS. EXTENT OF WALK-OFF MAT AREA TO MATCH FLOOR CLEARANCE AREA REQUIRED BY ADA. TAPERED FRAME TO BE INSTALLED OUTSIDE OF ADA AREA.
- 15 PROVIDE TOP CORNER AT TRANSITION FROM GYP BD CEILING TO FRP WALL REFER TO 9/A210
- 16 4" PVC PIPE, WITH 2" HIGH CONCRETE INFILL FOR POWER STUB, TYP. OF TWO (2). REFER TO ELECTRICAL DRAWINGS
- 17 CONCRETE CURB FOR EQUIPMENT, WITH QUARRY TILE BASE AT EXPOSED EDGES
- 18 EXTENT OF QUARRY TILE FROM KITCHEN. ALIGN TILE WITH EDGE OF DOOR THRESHOLD
- 19 EXTENT OF RESINOUS FLOORING FROM RESTROOM

GENERAL NOTES

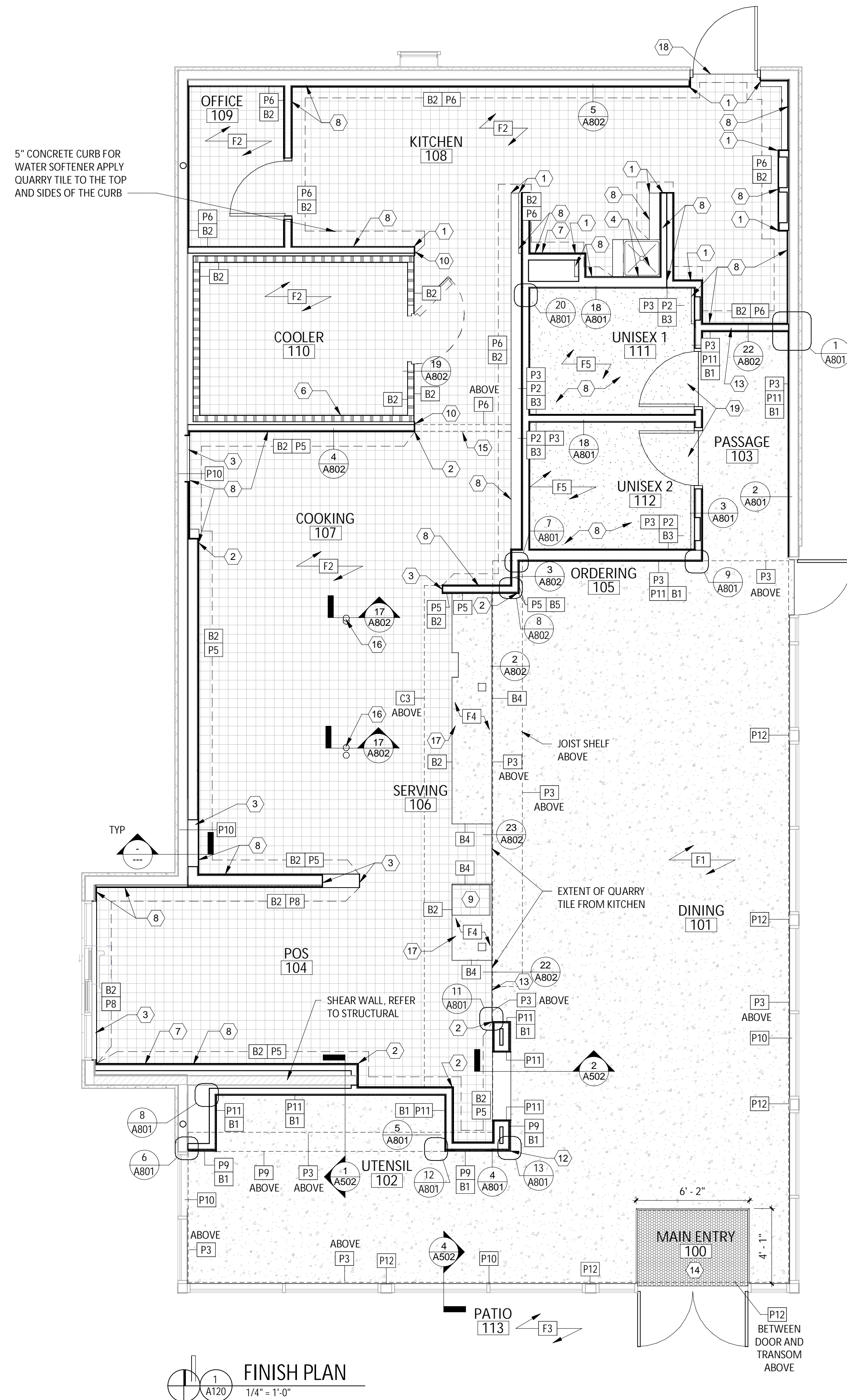
1. STONEWOOD WALL PANELS AND WAINSCOT PROVIDED BY TMS, INSTALL BY GC.
2. SPALTED MAPLE PANELS PROVIDED BY TMS, INSTALLED BY GC.
3. GC IS RESPONSIBLE FOR SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES).

FINISH LEGEND

FLOOR FINISHES		WALL BASE FINISHES		WALL FINISHES		CEILING/DECK FINISHES		DOOR FINISHES	
LGD. #		LGD. #		LGD. #		LGD. #		LGD. #	
F1	POLISHED CONCRETE	B1	BLACK RUBBER, COVELESS	P1	PLYWOOD, VERTICAL GRAIN	C1	OPEN TO STRUCTURE, UNPAINTED	D1	PAINT "BLACK"
F2	QUARRY TILE	B2	QUARRY TILE, COVE	P2	FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH FINISH)	C2	STONEWOOD	D2	PAINT "KNIGHT'S ARMOR"
F3	EXTERIOR CONCRETE	B3	BLACK RUBBER, COVE	P3	GYP BD: PAINT "THIN ICE", EGGSHELL, REFER TO A701 AND 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				
				P8	CERAMIC TILE - BRONZE ACCENT 3" x 12"				
				P9	SPALTED MAPLE WALL PANEL, HORIZONTAL GRAIN				
				P10	STOREFRONT EXISTING				
				P11	STONEWOOD WALL PANEL				
				P12	PREFINISHED BRAKE METAL				

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
100	MAIN ENTRY	F1	B1		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	REFER TO PLAN FOR WALL FINISHES	C3/C4	±9'-0" / ±9'-4"	SEE SHEET A702 AND SPECIFICATION SHEETS
105	ORDERING	F1	B1/B4/B5		C1/C3	STR / ±9'-0"	SEE SHEET A701 AND SPECIFICATION SHEETS
106	SERVING	F2	B2		C3	±9'-0"	SEE SHEET A702 AND SPECIFICATION SHEETS
107	COOKING	F2	B2		C3/C4	±9'-0" / ±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"	EXTEND SHEATHING TO STRUCTURE
110	COOLER	F2	B2		STR	STR	CEILING HEIGHT & FINISHES PER MANUFACTURER
111	UNISEX 1	F5	B3		C3	8'-0"	SEE SHEET A710 AND SPECIFICATION SHEETS
112	UNISEX 2	F5	B3		C3	8'-0"	SEE SHEET A710 AND SPECIFICATION SHEETS
113	PATIO	F3	-		-	-	-



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Contents:

FINISH PLAN

A120

AREA & SEATING COUNT

INSIDE	2,325 S.F.	CHIPOTLE CUSTOMER COUNT	44
PATIO	500 S.F.		20
TOTAL	2,767 S.F.		64

GENERAL NOTES

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

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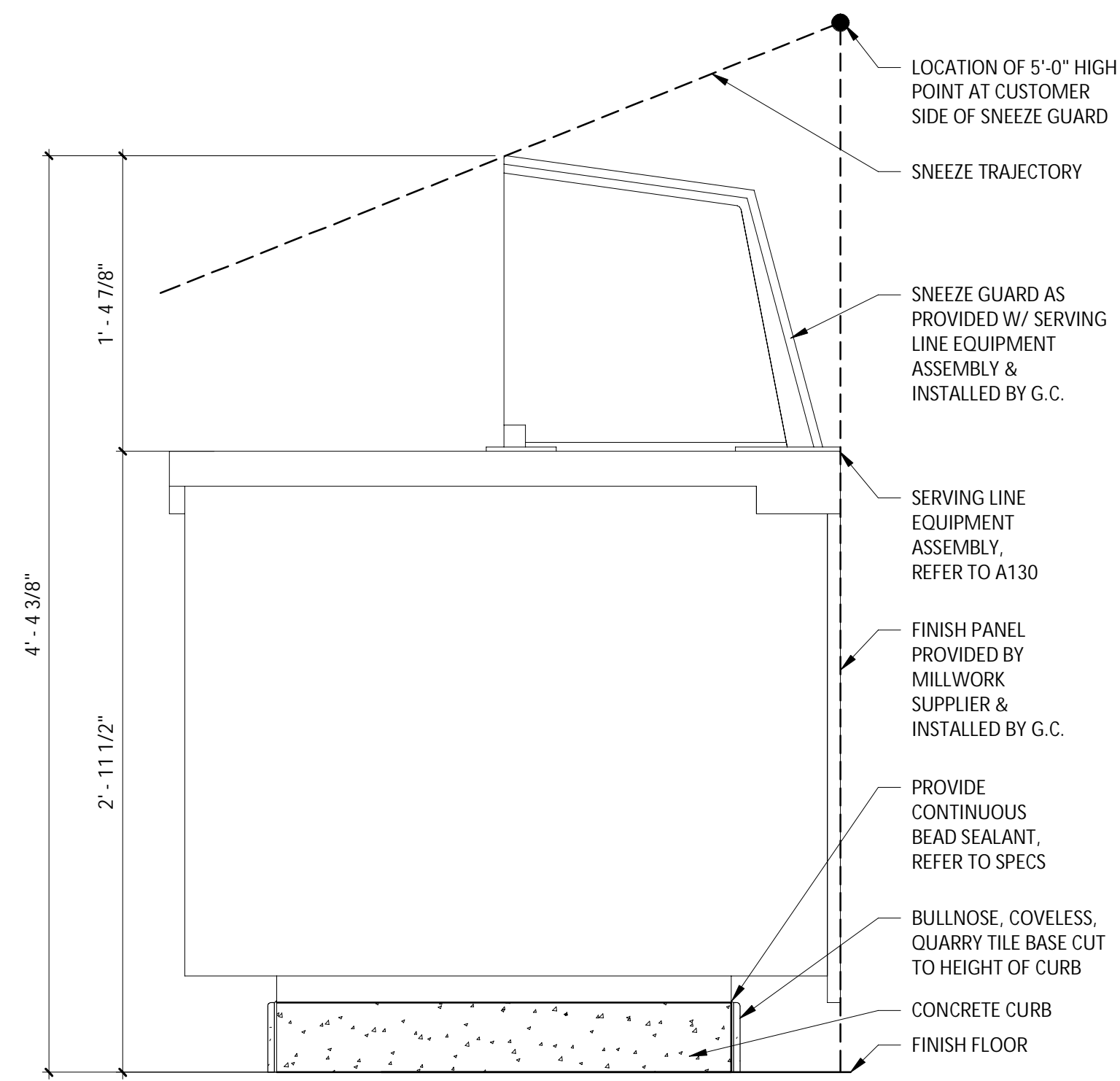
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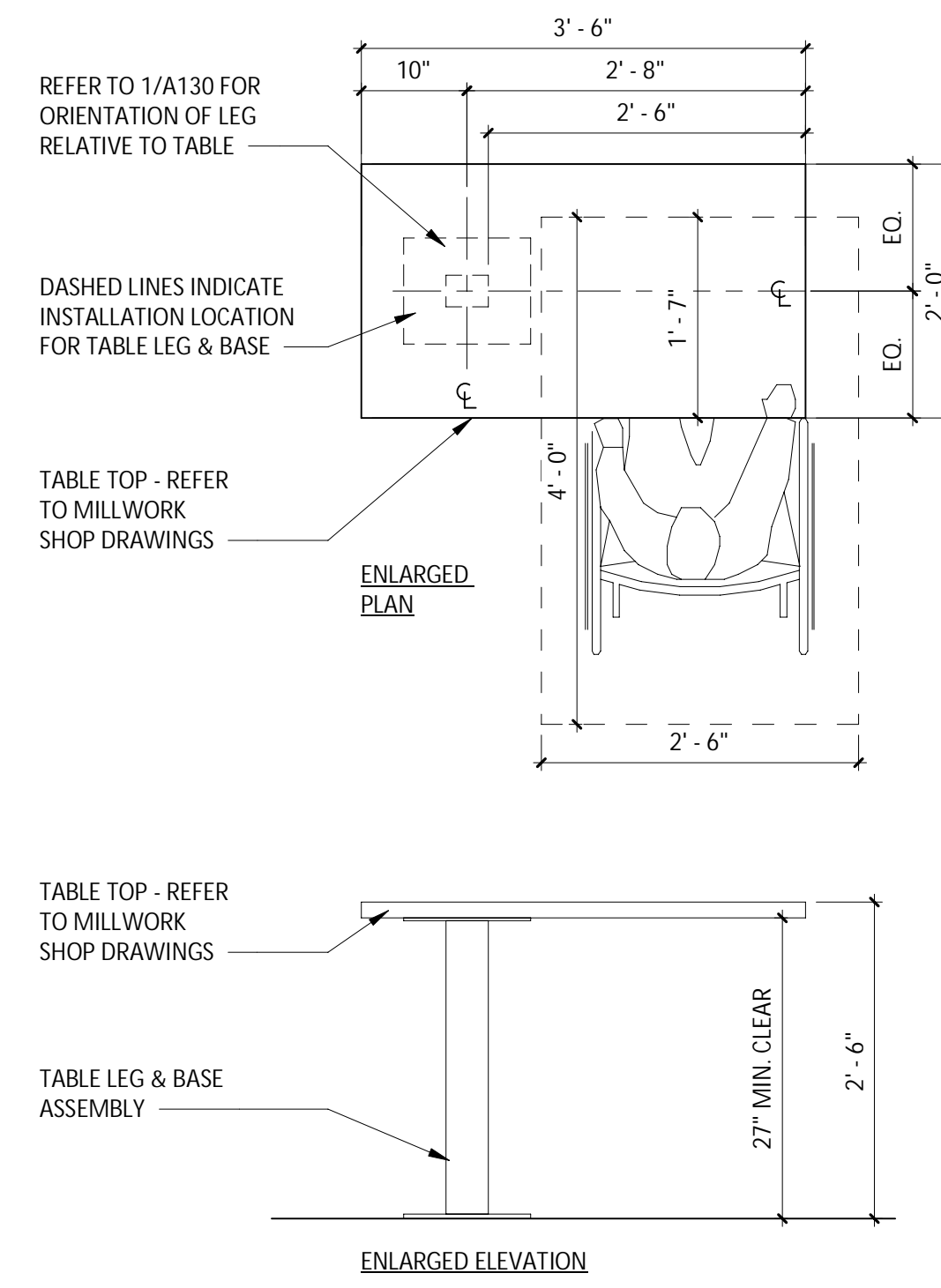
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FF&E PLAN

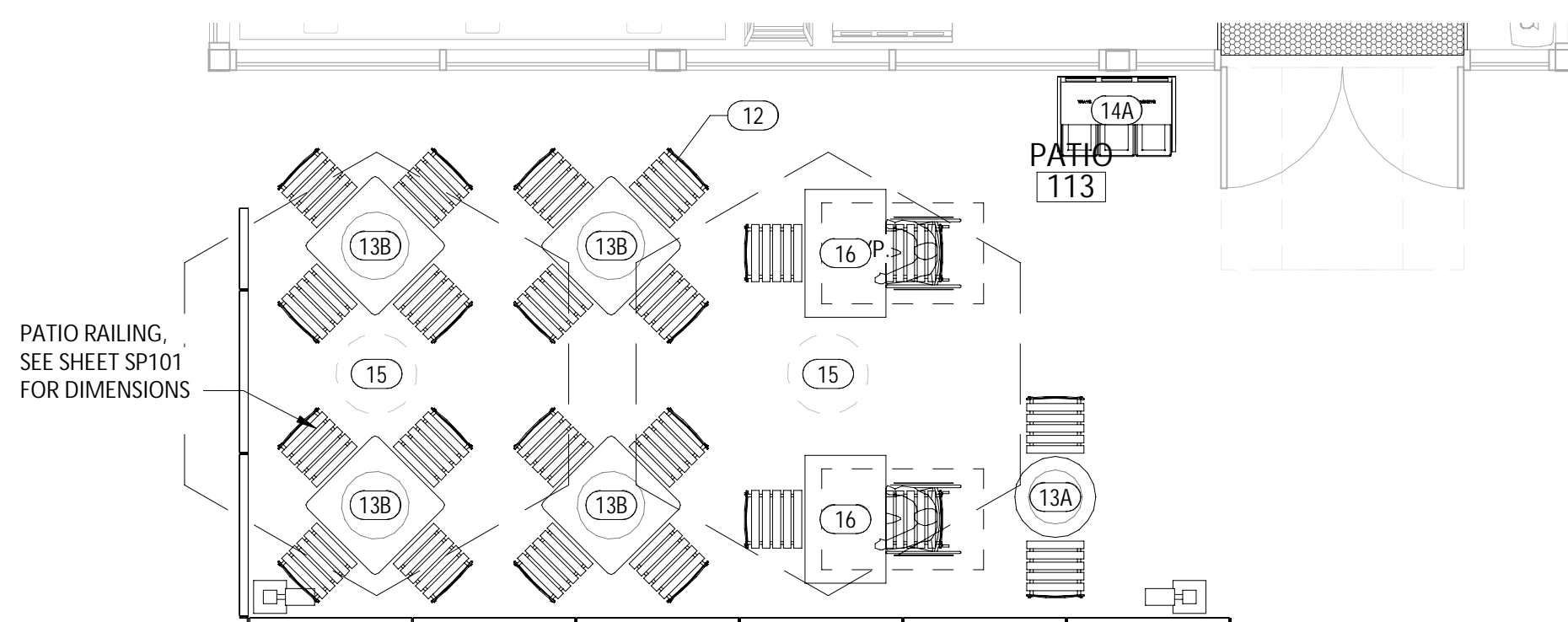
A130



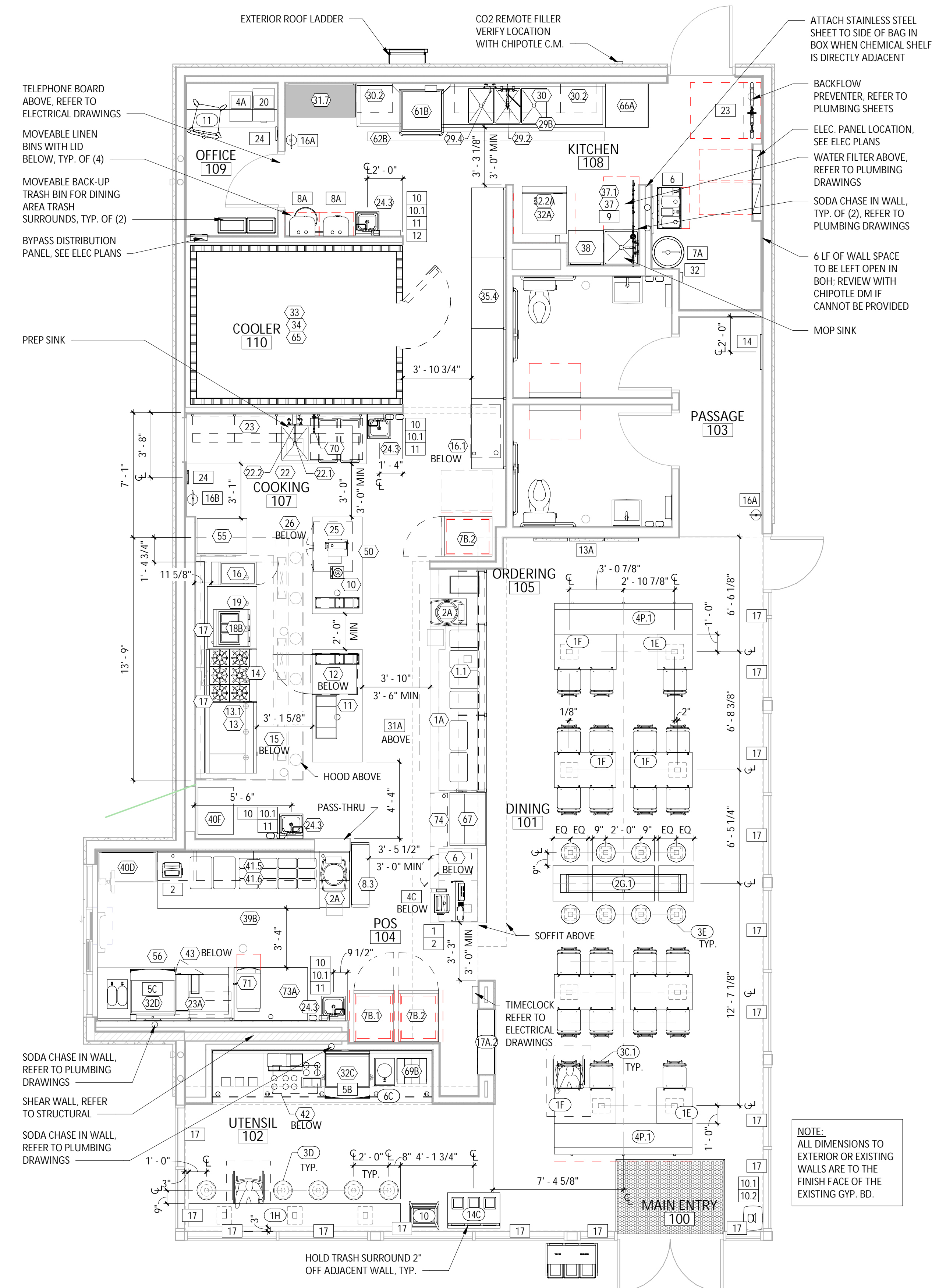
4
A130
DETAIL @ SERVE LINE SNEEZE GUARD
1 1/2" = 1'-0"



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



2
A130
FURNITURE, FIXTURE & EQUIPMENT PATIO PLAN
1/4" = 1'-0"



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

NOTE:
ALL DIMENSIONS TO EXTERIOR OR EXISTING WALLS ARE TO THE FINISH FACE OF THE EXISTING GYP. BD.

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	•		•		
7A	Bulk CO2 Tank	1	CO2	CO2	•				GC To Secure Cylinders To Wall With Grade 30 Galvanized Steel Chain At 2/3 The Height Of The Cylinder. Attach To Wall With Stainless Steel Quick Link And Screw Eye
8A	Gas Tankless Water Heater	2	GC	GC		•	•	•	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	16	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
22B	Water Softener On Curb	1	KES	GC			•	•	See MEP Sheets For Details
23	Backflow Preventer	1	GC	GC			•	•	See MEP Sheets For Details
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
31A	21inx31in Menu System	1	TMB	GC					
32	CO2 Alarm	1	CO2AS	GC	•				Refer to Electrical Drawings for Additional Details
33A	M4.0 - Pick-Up Sign - Single Faced - Flush Mounted - Face	1	TSV	GC					

FURNITURE LIST

TAG	DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	UTILITY				REMARKS
					ELEC	GAS	WATER	SEWER	
1E	M4.0 - Table 24x24in - Rectangular Base	2	TMS	GC					
1F	M4.0 - Table 24x42in. Rectangular Base (Accessible)	6	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	22	TMS	GC					
3D	M4.0 - Marshmallow Stool - Fixed	5	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	2	TMS	GC					
6C	M4.0 - Beverage Counter - With Trash - 4" Splash - 149"	1	TMS	GC				•	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	22	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	4	KES	GC					Provided by EMU America, Contact: Carol Hughes (303-744-3200)
14A	3 Bin Trash/Recycling Surround - Exterior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
14C	M4.0 - 3 Bin Trash/Recycling Surround - Interior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
15	Patio Umbrella	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

ARCHITECT OF RECORD



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10/20/2023

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Issue Record:

10/20/2023 PERMIT SET

Revisions:

Drawn: O. SORIANO Checked: T. GRANDORF

Project No.

CMG #4951

Contents:

EQUIP. &
FURNITURE
SCHEDULE

A132

HVAC EQUIPMENT

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	HES	GC					CURB FURNISHED BY HS, INSTALLED BY GC
TEST & BALANCE SYSTEM	TAB	-					FURNISH HVAC TEST & BALANCE PER TENANT'S NATIONAL ACCOUNT PROGRAM.

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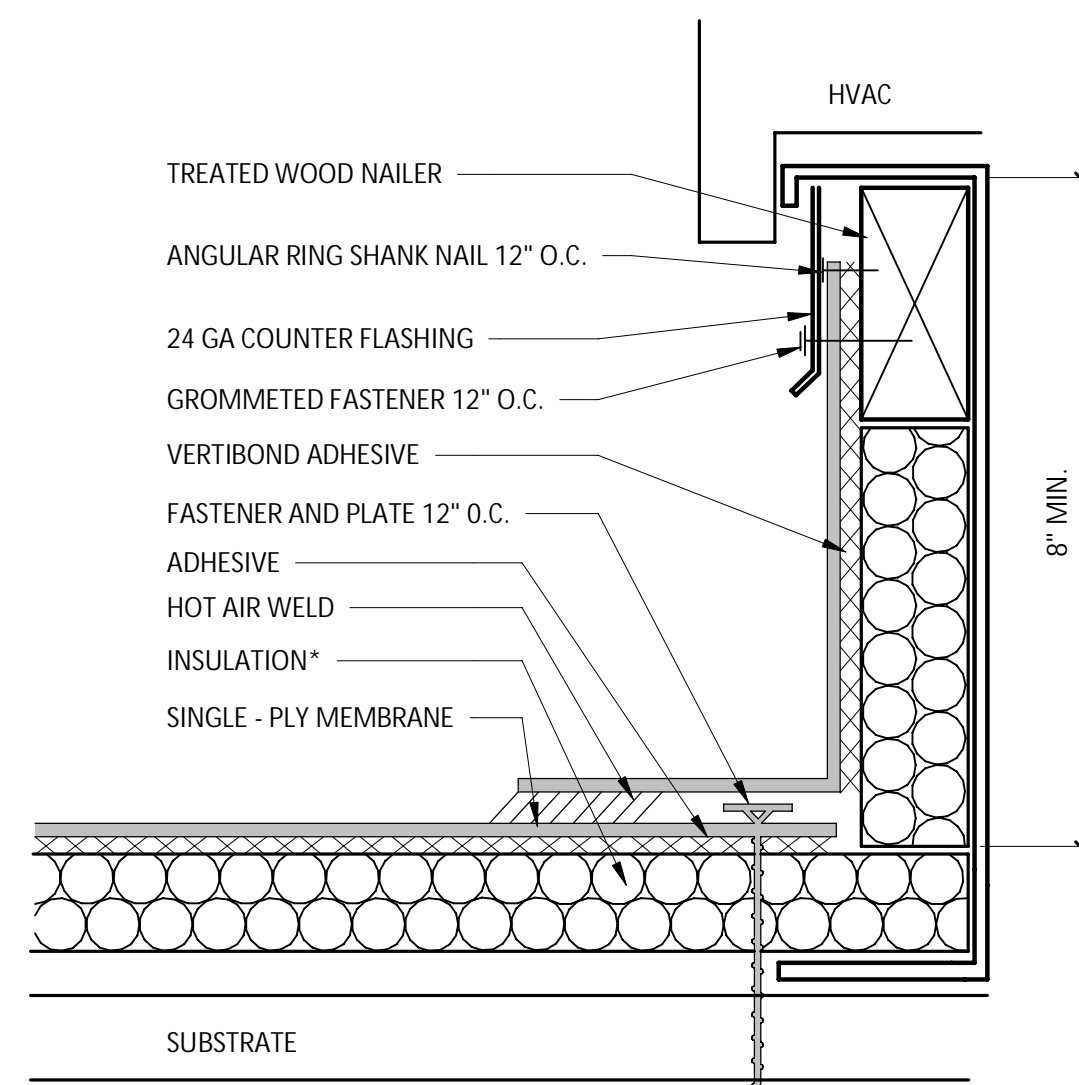
CHIPOTLE MEXICAN GRILL, INC.
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GENERAL NOTES

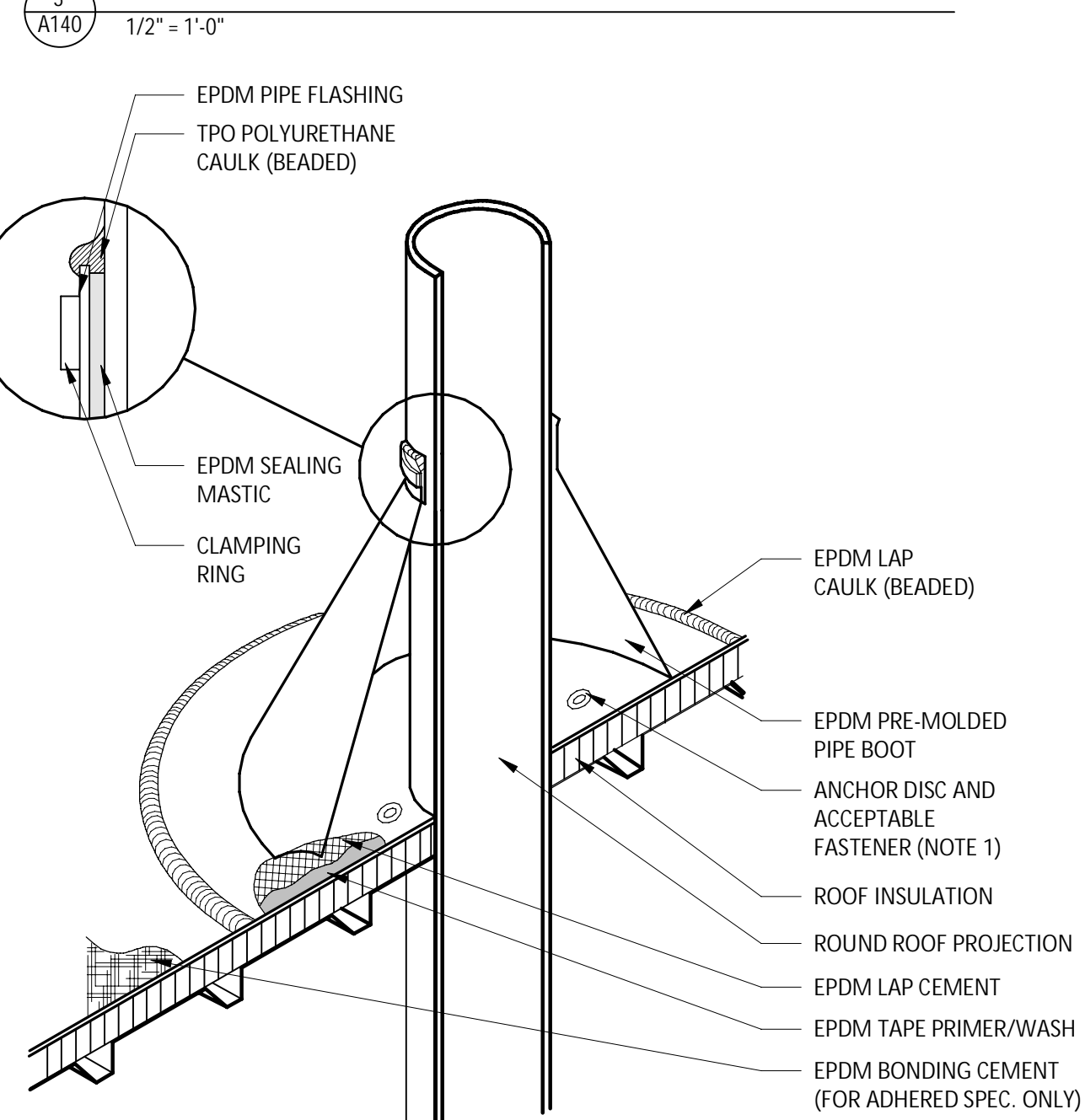
- SEE STRUCTURAL DRAWINGS FOR LOCATIONS AND SIZE OF STRUCTURAL ROOF REINFORCEMENTS.
- SEE MECHANICAL PLANS FOR ROOF TOP EQUIPMENT.
- COORDINATE ALL ROOF PENETRATIONS, FLASHING, AND REPAIR W/ TENANT ROOF TOP EQUIPMENT PRIOR TO COMMENCEMENT OF WORK.
- DIMENSIONS FOR ROOF TOP EQUIPMENT WITH CURBS IS TO 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.
- 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.
- SEE M700 FOR PENETRATION DETAILS AT RTUS AND THE EXHAUST FAN.
- PROVIDE INSULATED CURBS FOR ALL EQUIPMENT IN EXPOSED DECK AREA ONLY.
- PROVIDE TAPERED INSULATION CRICKET AT ALL EQUIPMENT CURBS.
- LOCATE ALL UNITS SO DUCT DROPS BETWEEN TRUSS JOISTS. NOTIFY ARCHITECT IMMEDIATELY IF ANY UNITS NEED TO SHIFT FROM PLAN LOCATION SHOWN.



NOTES:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- DO NOT SCALE DRAWINGS.
- USE PREFABRICATED OUTSIDE CORNERS.
- INSULATION MUST BE SECURELY FASTENED.
- *GLASS-FACED POLYISO INSULATION IS OPTIONAL AND MAY NOT BE REQUIRED ON EVERY PROJECT. IF INSULATION IS NOT REQUIRED, THE MEMBRANE MUST BE ADHERED TO AN APPROVED SURFACE.

CURB FLASHING

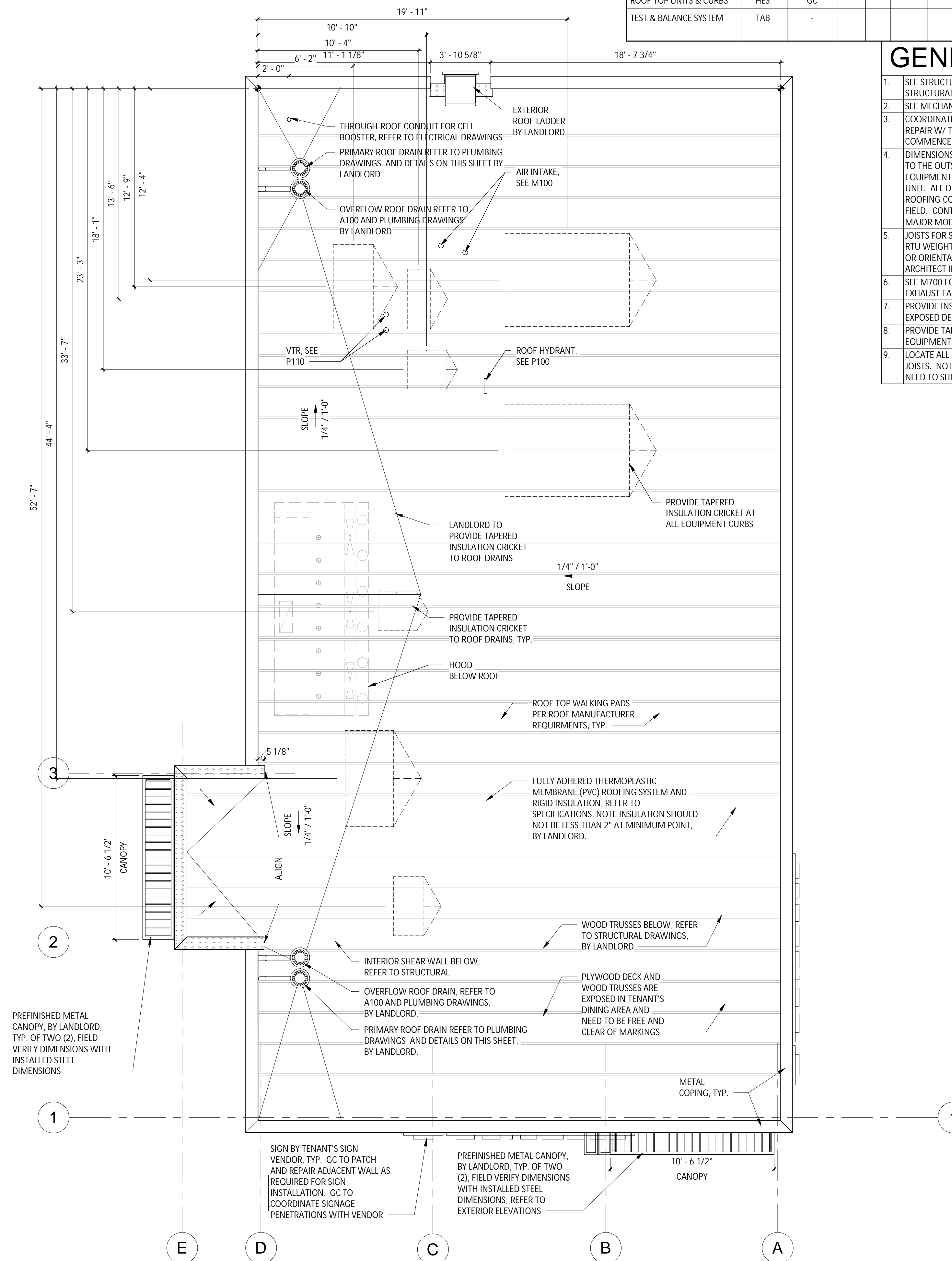


NOTE:

- 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).
- DO NOT OVERLAP THE FLANGES FROM ADJACENT PIPE FLASHINGS.
- ANY SEAM UNDER BOOT FLANGE TO BE TREATED AS T-JOINT.
- 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.

BOOT DETAIL

1/2" = 1'-0"



ROOF PLAN

1/4" = 1'-0"

Issue Record:

10/20/2023 PERMIT SET

Revisions:

Drawn: O. SORIANO Checked: T. GRANDORF

Project No. CMG #4951

Contents:

ARCHITECTURAL
ROOF PLAN

A140

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 TIGHT TO THE BOTTOM OF THE DECK OR AS SHOWN IN DETAILS AND LEFT UNPAINTED.
- ALL WATER LINES AND EXPOSED PVC SHALL BE INSTALLED IN TRUSS SPACE 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 PRECEDENCE 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 4/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

LIGHT FIXTURE SCHEDULE

ITEM #	QTY	MOUNT	DESCRIPTION	REMARKS
A1	10	LAY-IN	2x2 LENSED TROFFER	SEE SHEET E100
B1	7	CEILING	RECESSED 6IN CAN LIGHT	SEE SHEET E100
B2	34	CEILING	RECESSED 6IN CAN LIGHT	SEE SHEET E100
B3	4	CEILING	M4.0 - RECESSED 6IN CAN LIGHT (BLACK)	SEE SHEET E100
C0	2	SURFACE	LOW PROFILE LED 1FT	SEE SHEET E100
C2	6	SURFACE	LOW PROFILE LED 3FT	SEE SHEET E100
C3	6	SURFACE	LOW PROFILE LED 4FT	SEE SHEET E100
C4	8	SURFACE	LOW PROFILE LED 5FT	SEE SHEET E100
E1	3	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
E2	3	VARIOUS	EMERGENCY LIGHT - SINGLE HEAD	SEE SHEET E100
E4	3	VARIOUS	WHITE EXIT LIGHT - STANDARD RED LETTERS	SEE SHEET E100
E7	9	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
G4	2	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
P5	2	PENDANT	M4.0 - PENDANT LIGHT	SEE SHEET E100
P6	1	PENDANT	M4.0 - MULTI-PENDANT LIGHT	SEE SHEET E100 & A701
T1	14	TRACK	TRACK LIGHTING HEAD	SEE SHEET E100
T-6	4	SUSPENDED	M4.0 - TRACK 6'	SEE SHEET E100
T-8	1	SUSPENDED	M4.0 - TRACK 8'	SEE SHEET E100
X9	2	SURFACE	LED CHANNEL LIGHT	SEE SHEET E100

SECURITY SYSTEM

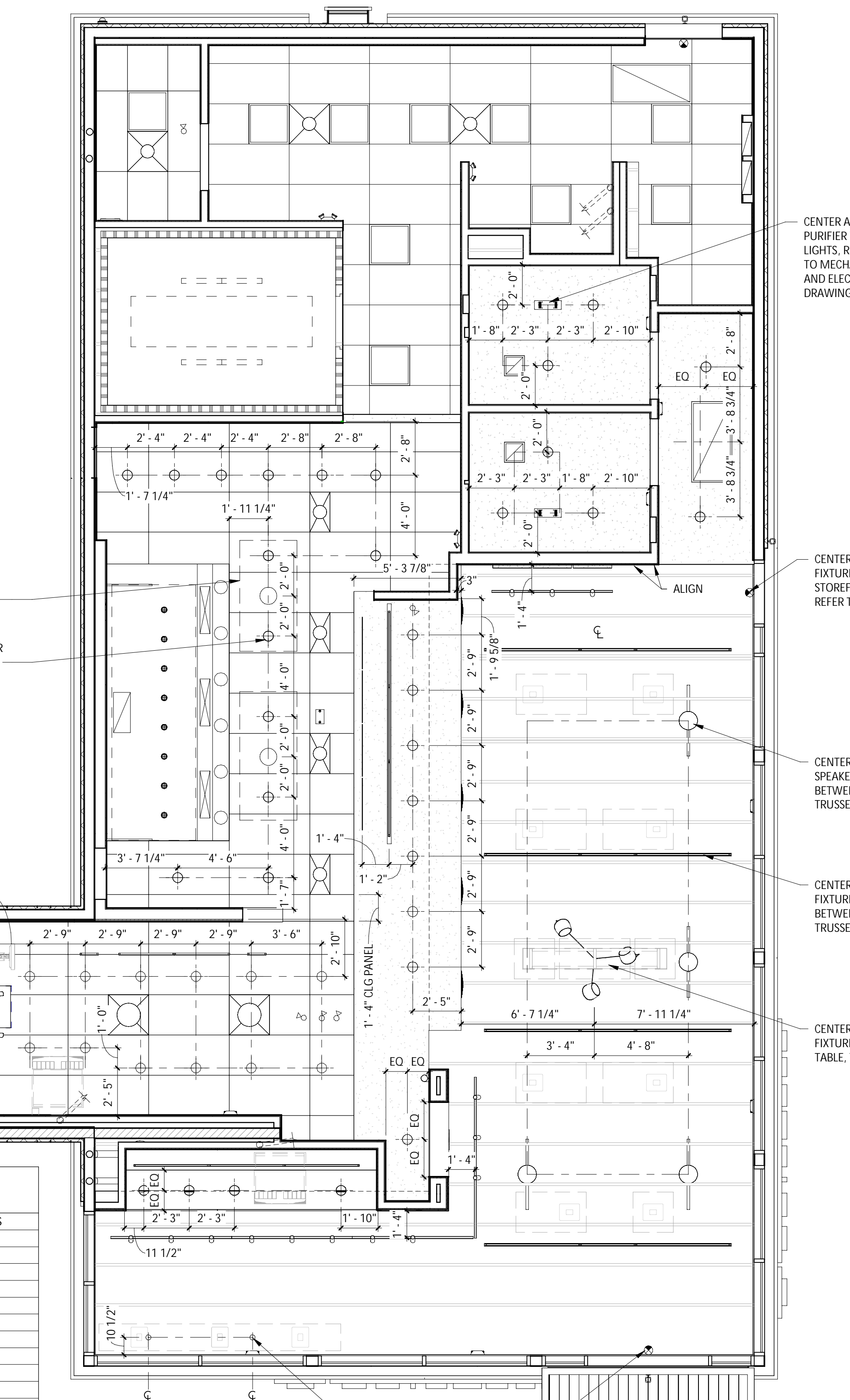
DESCRIPTION	QTY	SUPPLIED BY	INSTALLED BY	ELEC	GAS	SEWER	WATER	REMARKS
SECURITY MONITOR	1	SSS	SSS	•				GC RESPONSIBLE FOR COORDINATING SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GP, BD, FINISHES)
SECURITY ALARM - MOTION DETECTORS	1	T.B.D.	T.B.D.	•				
72 HR SECURITY DVR	1	SSS	SSS	•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

CONDUIT GUIDELINES

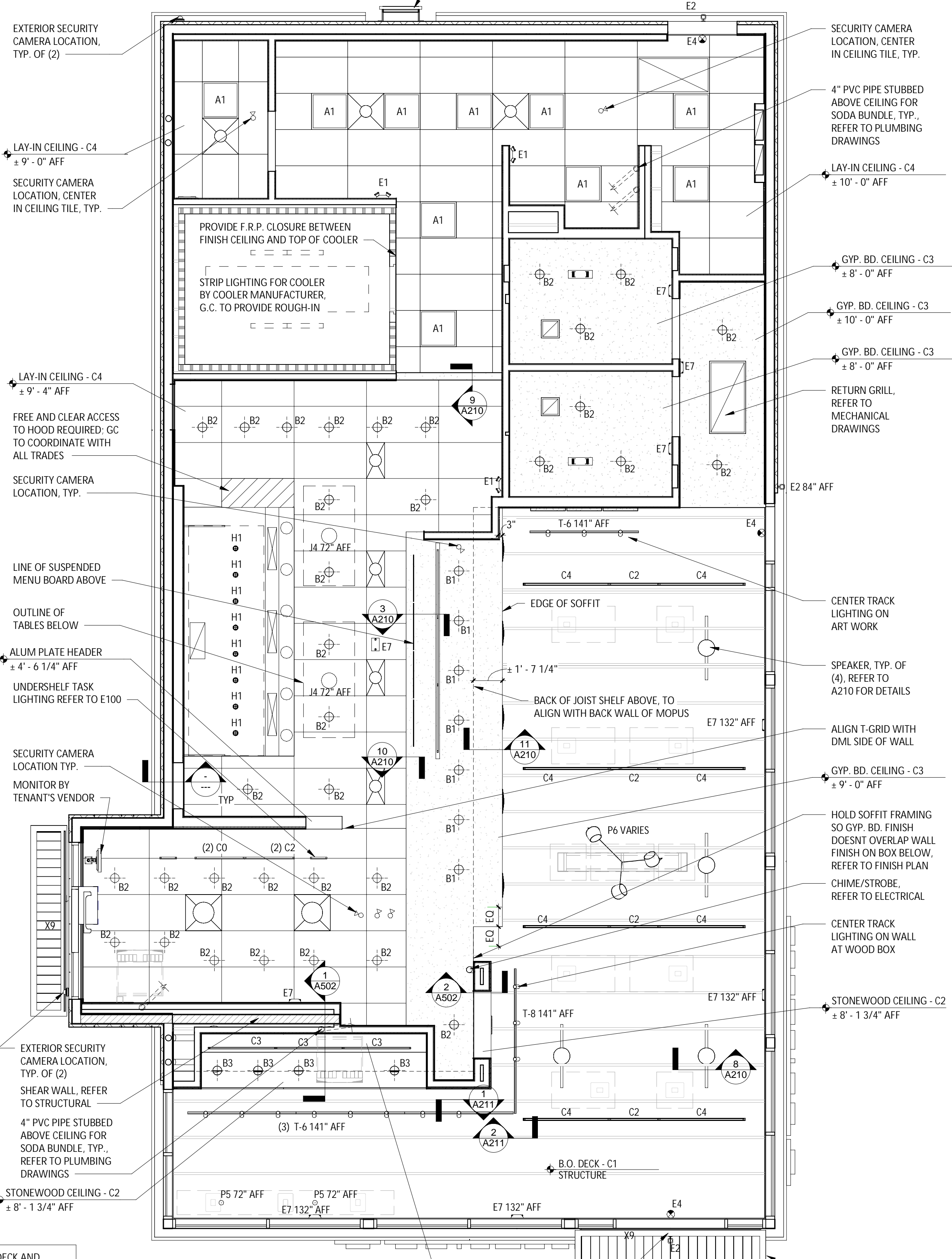
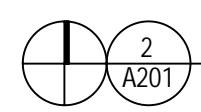
SEE ELECTRICAL DRAWINGS FOR CONDUIT REQUIREMENTS. METAL CLAD CABLE AND FLEXIBLE METAL CONDUIT SHALL NOT BE INSTALLED IN AREAS EXPOSED TO VIEW UNLESS SPECIFICALLY NOTED OTHERWISE.

SPEAKER SCHEDULE

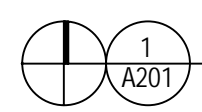
ITEM #	QTY	DESCRIPTION	COLOR/FINISH	MOUNT	REMARKS
SP1	4	DINING ROOM SPEAKER	BLACK	SUSPENDED	REFER TO A201 & E110 FOR DETAILS



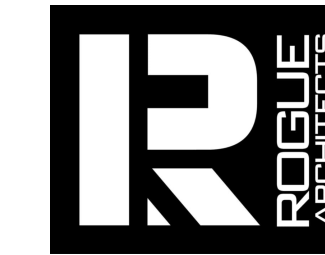
DIMENSIONED REFLECTED CEILING PLAN



REFLECTED CEILING PLAN

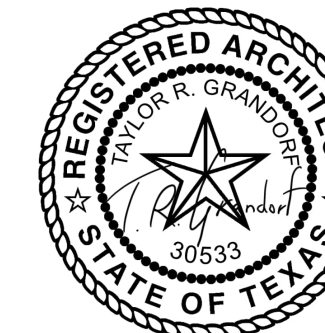


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Issue Record:

10/20/2023	PERMIT SET

Revisions:

Drawn:	Checked:
O. SORIANO	T. GRANDORF

Project No.

CMG #4951

Contents:

REFLECTED CEILING
PLAN

A201

REFER TO A201 FOR GENERAL NOTES

ARCHITECT OF RECORD



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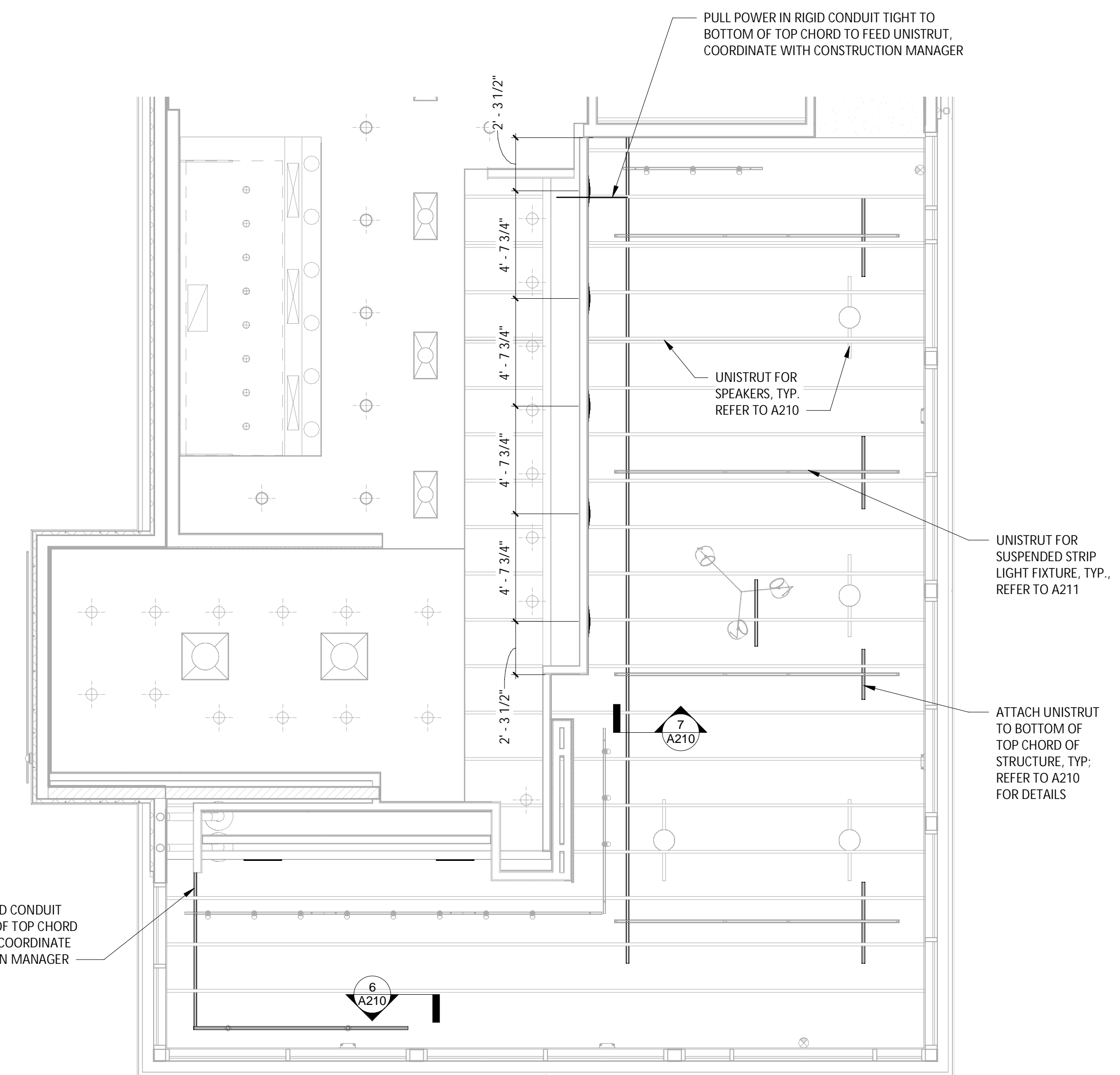
Revisions:

Drawn: O. SORIANO Checked: T. GRANDORF

Project No.
CMG #4951

Contents:
REFLECTED CEILING
& UNISTRUT PLAN

A202

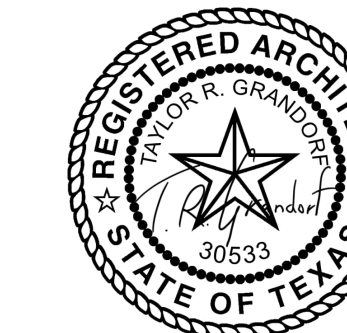


UNISTRUT AND DUCTWORK LAYOUT
1/4" = 1'-0"



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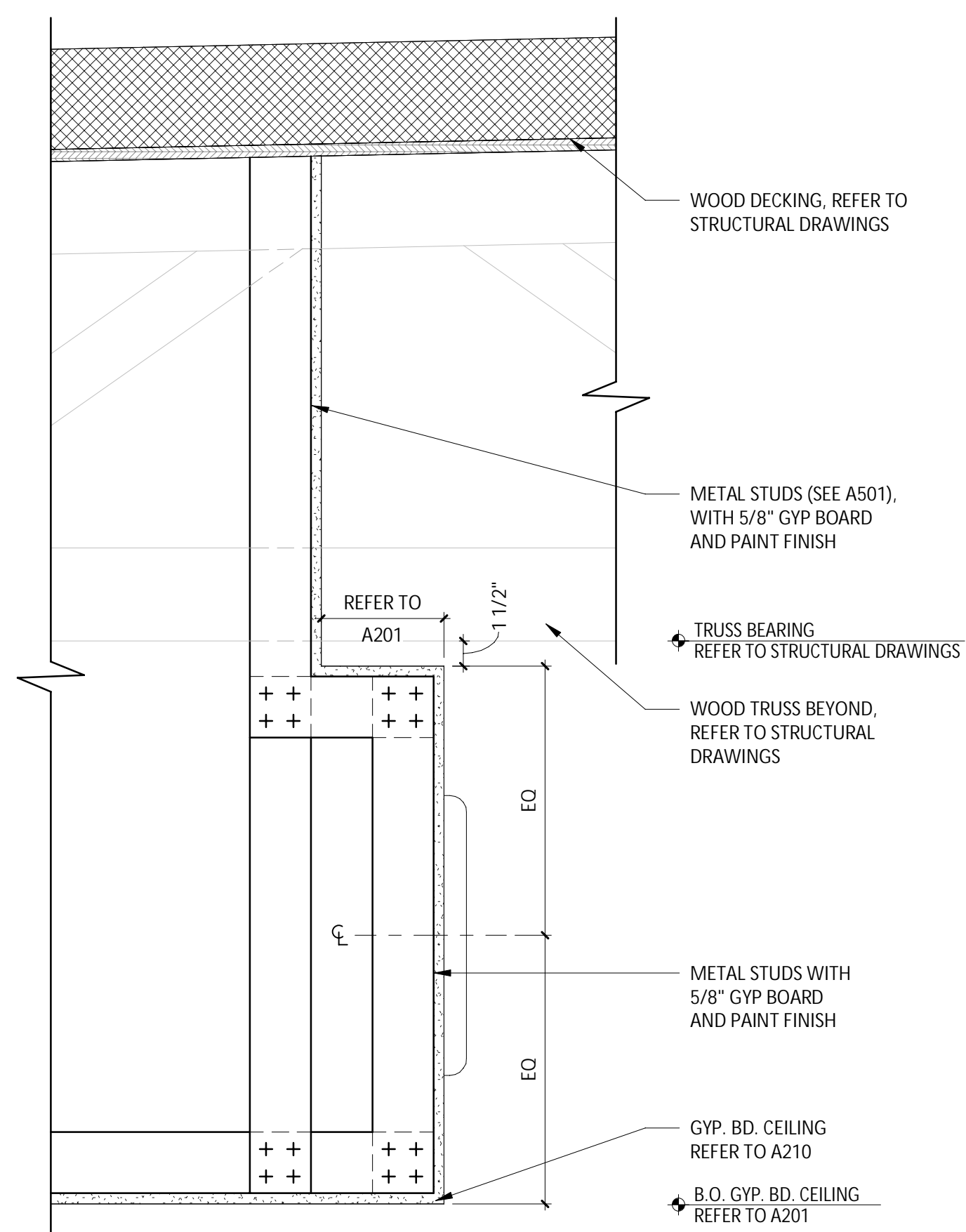
Revisions:

Drawn: O. SORIANO Checked: T. GRANDORF

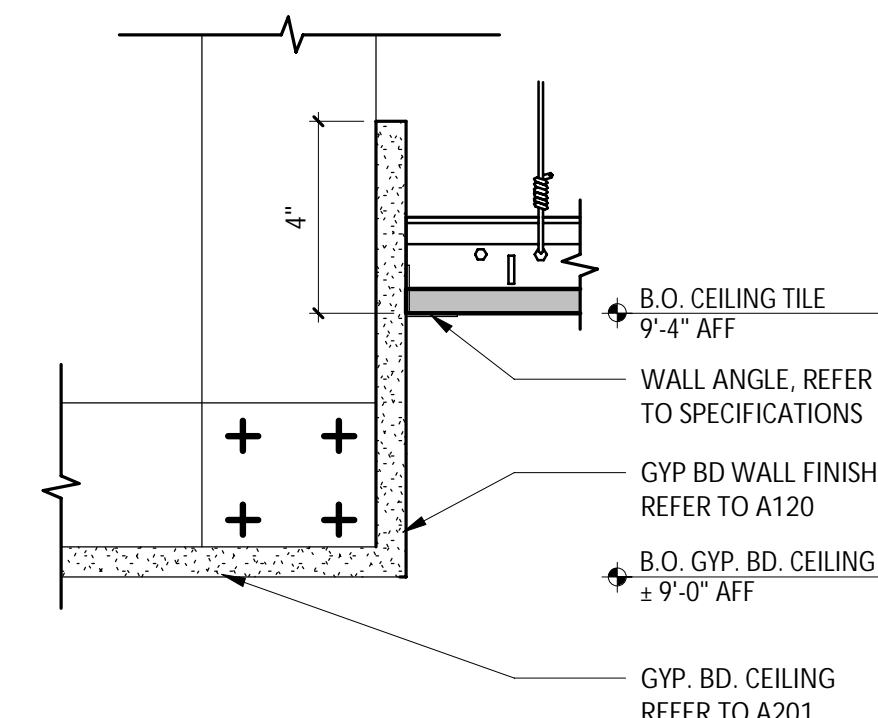
Project No: CMG #4951

CEILING DETAILS

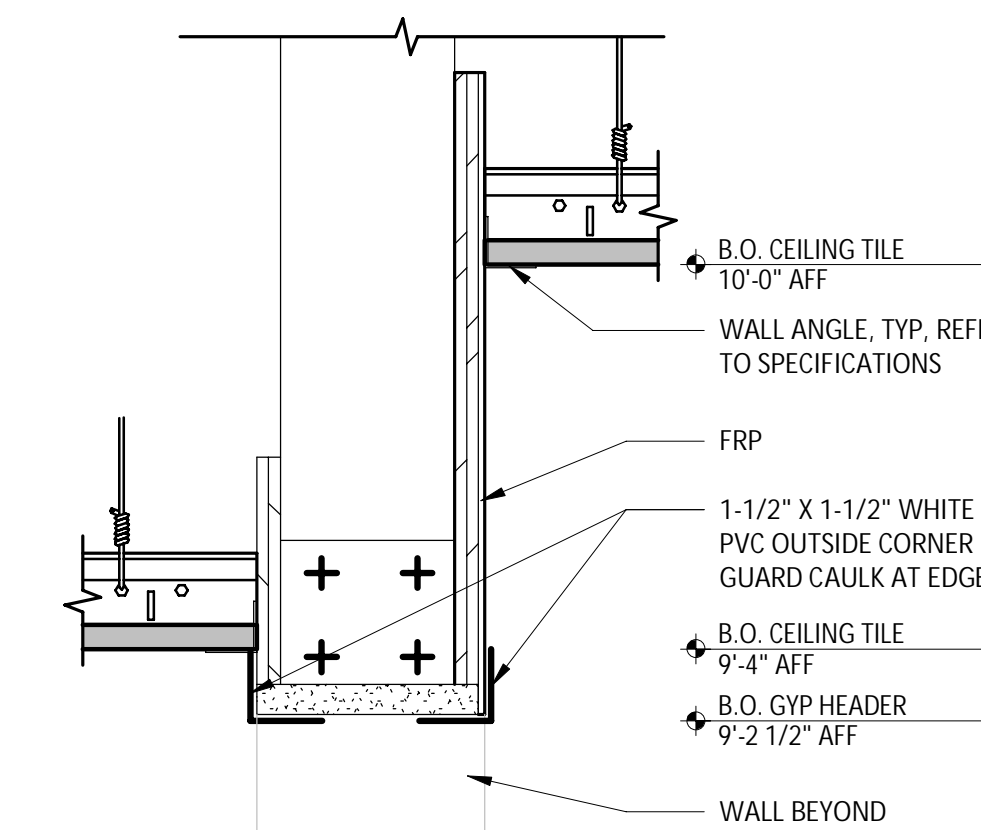
A210



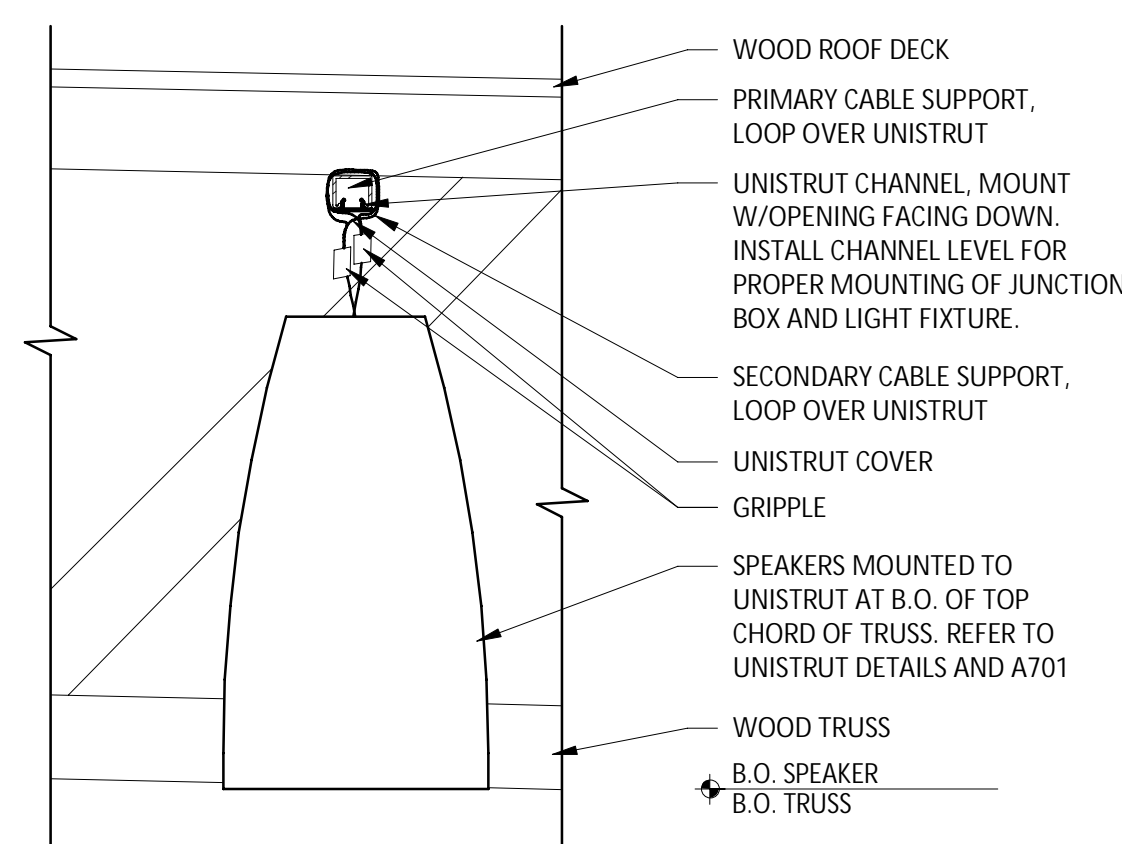
11 JOIST SHELF DETAIL
1 1/2" = 1'-0"



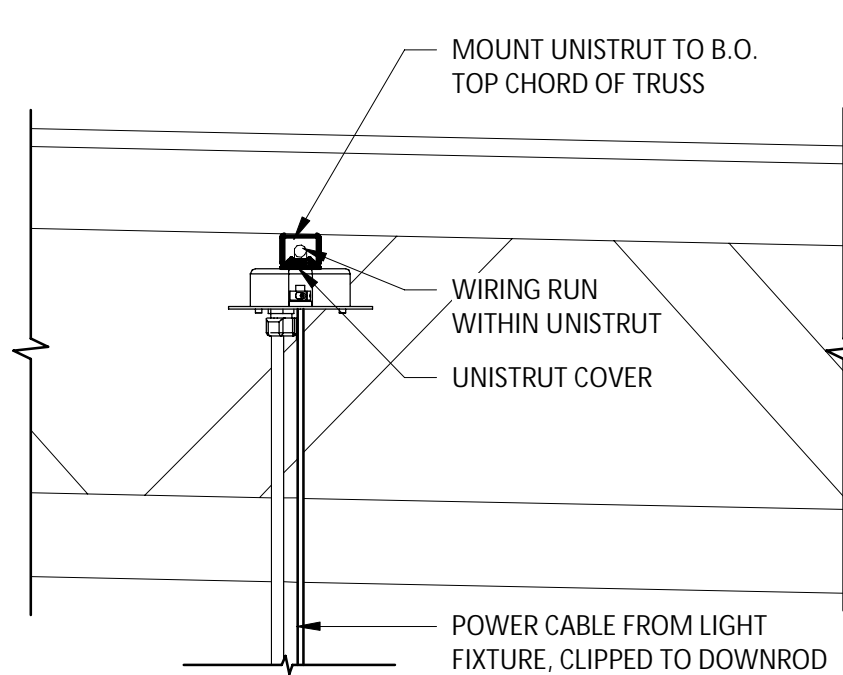
10 KITCHEN CEILING TRANSITION
3" = 1'-0"



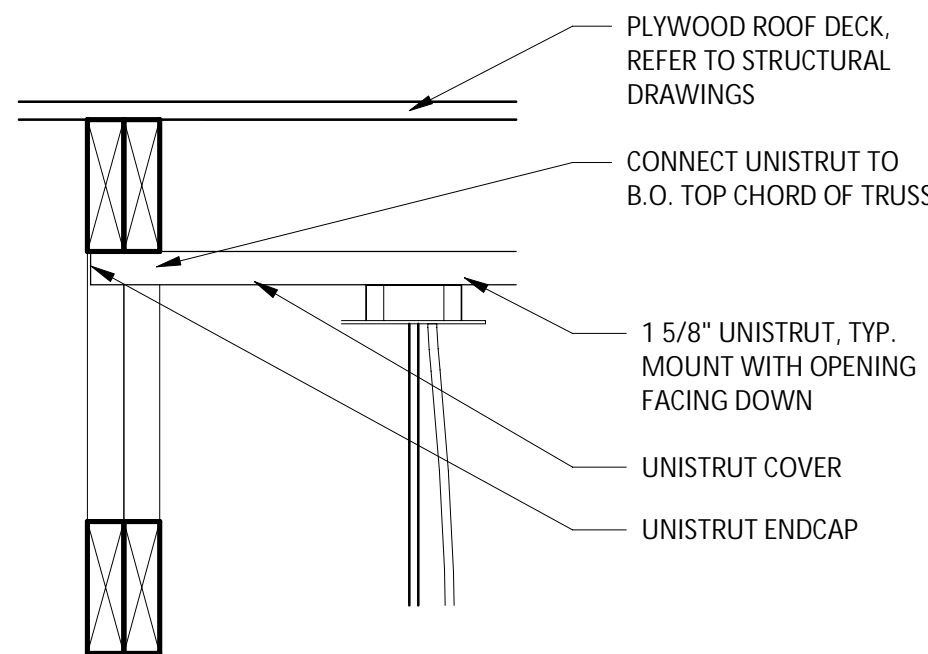
9 KITCHEN CEILING TRANSITION
3" = 1'-0"



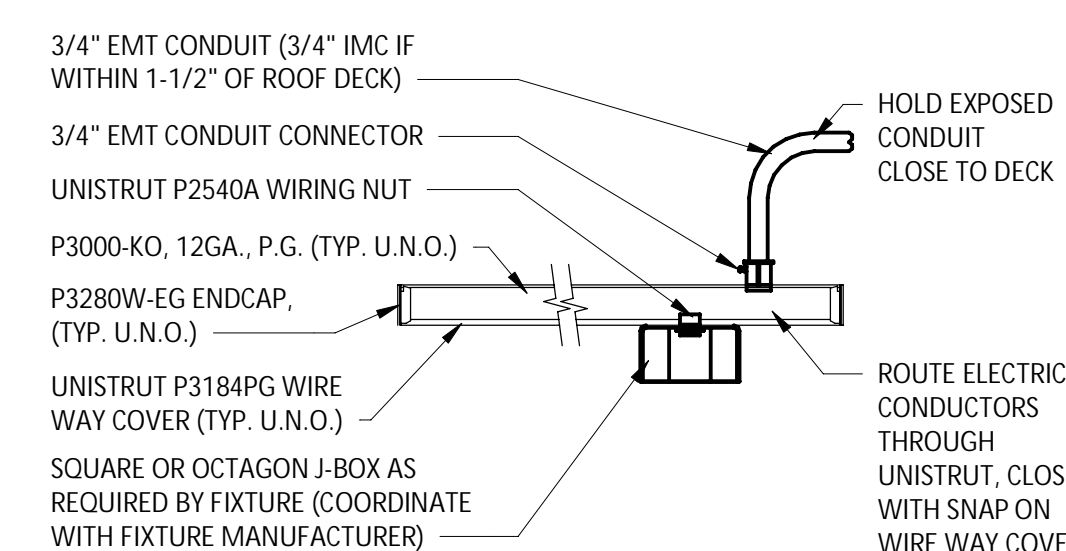
8 SPEAKER INSTALLATION
1 1/2" = 1'-0"



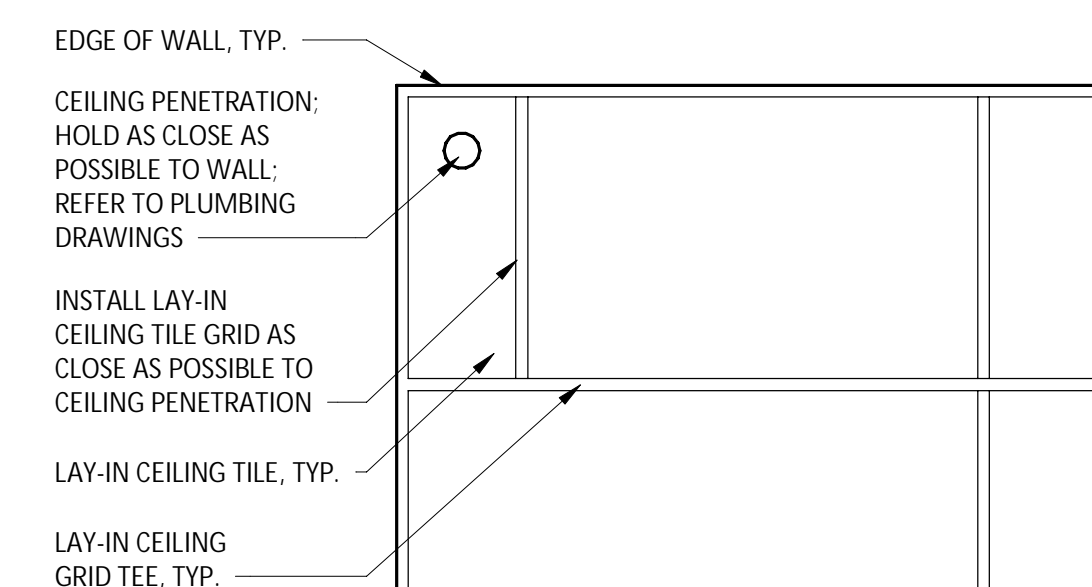
7 UNISTRUT DETAIL
1 1/2" = 1'-0"



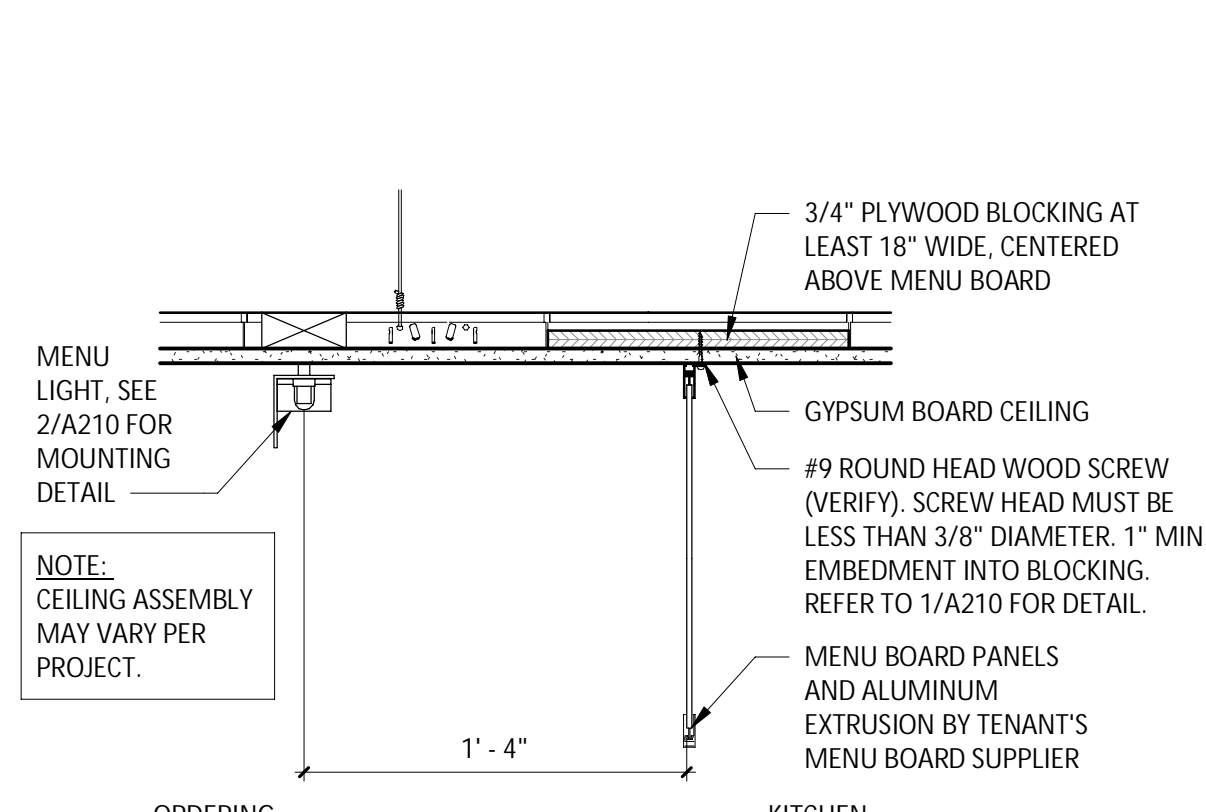
6 TYP. UNISTRUT MOUNTING DETAIL
1 1/2" = 1'-0"



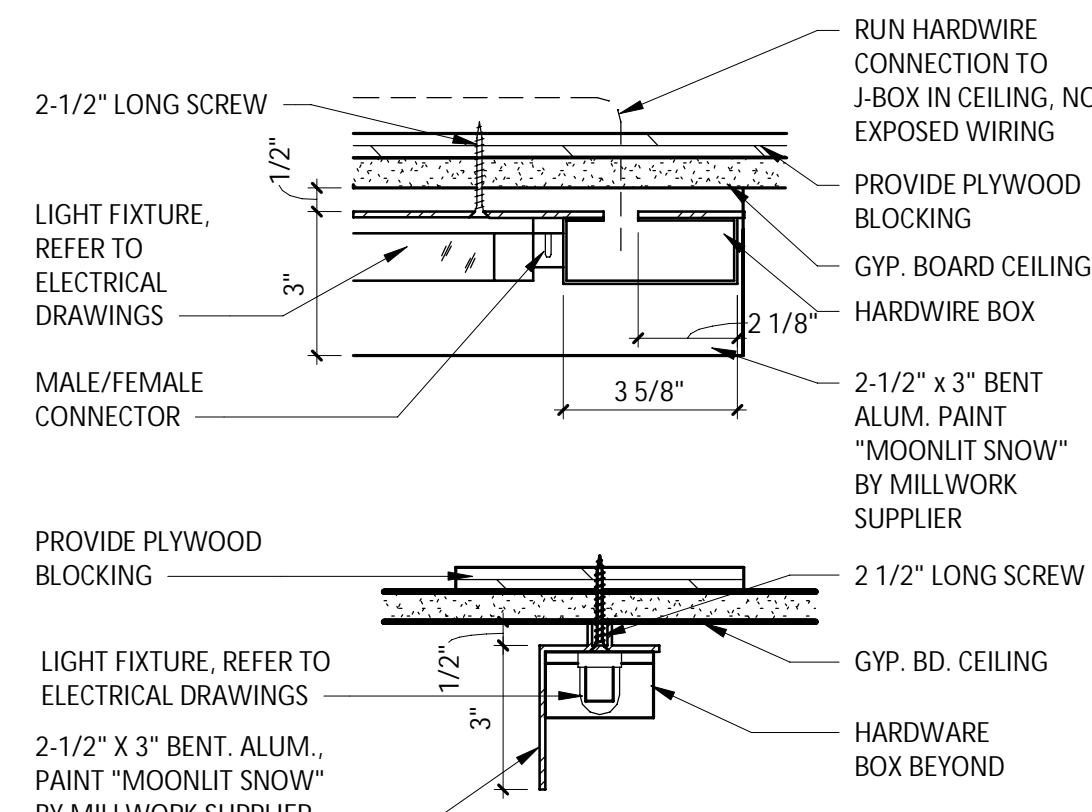
5 UNISTRUT MOUNTING DETAIL
1 1/2" = 1'-0"



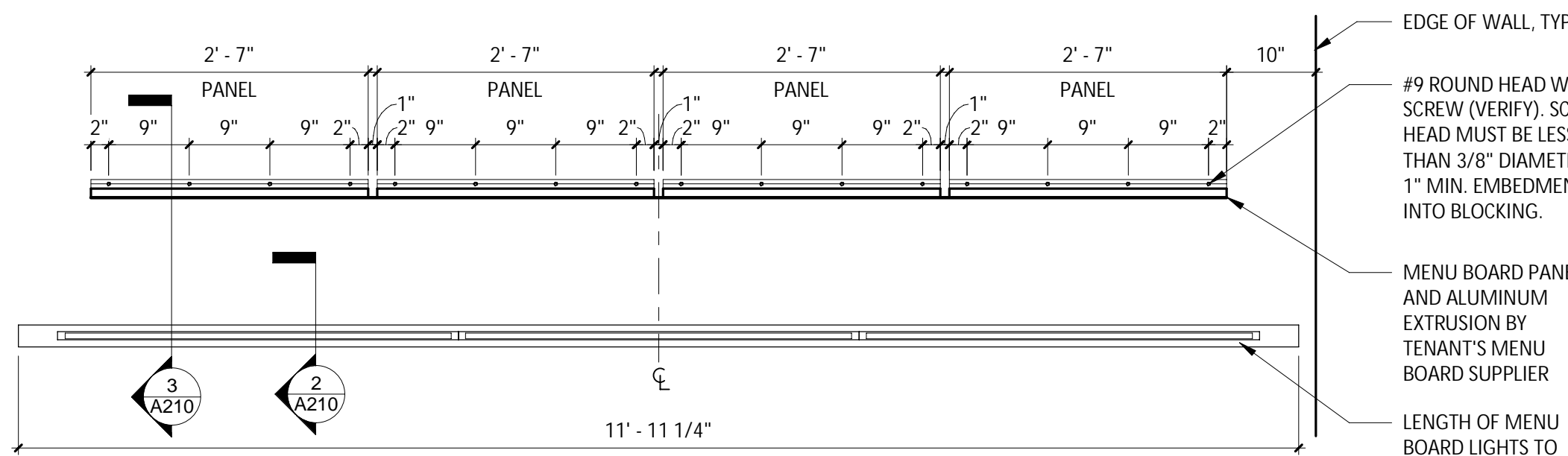
4 LAY-IN CEILING PENETRATION - PLAN DETAIL
3/4" = 1'-0"



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



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



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



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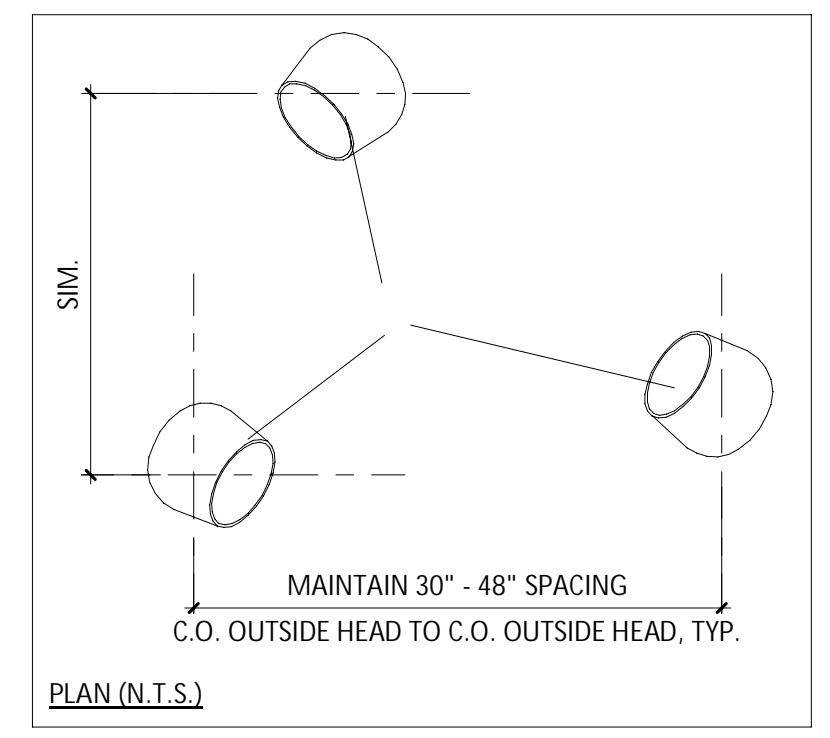
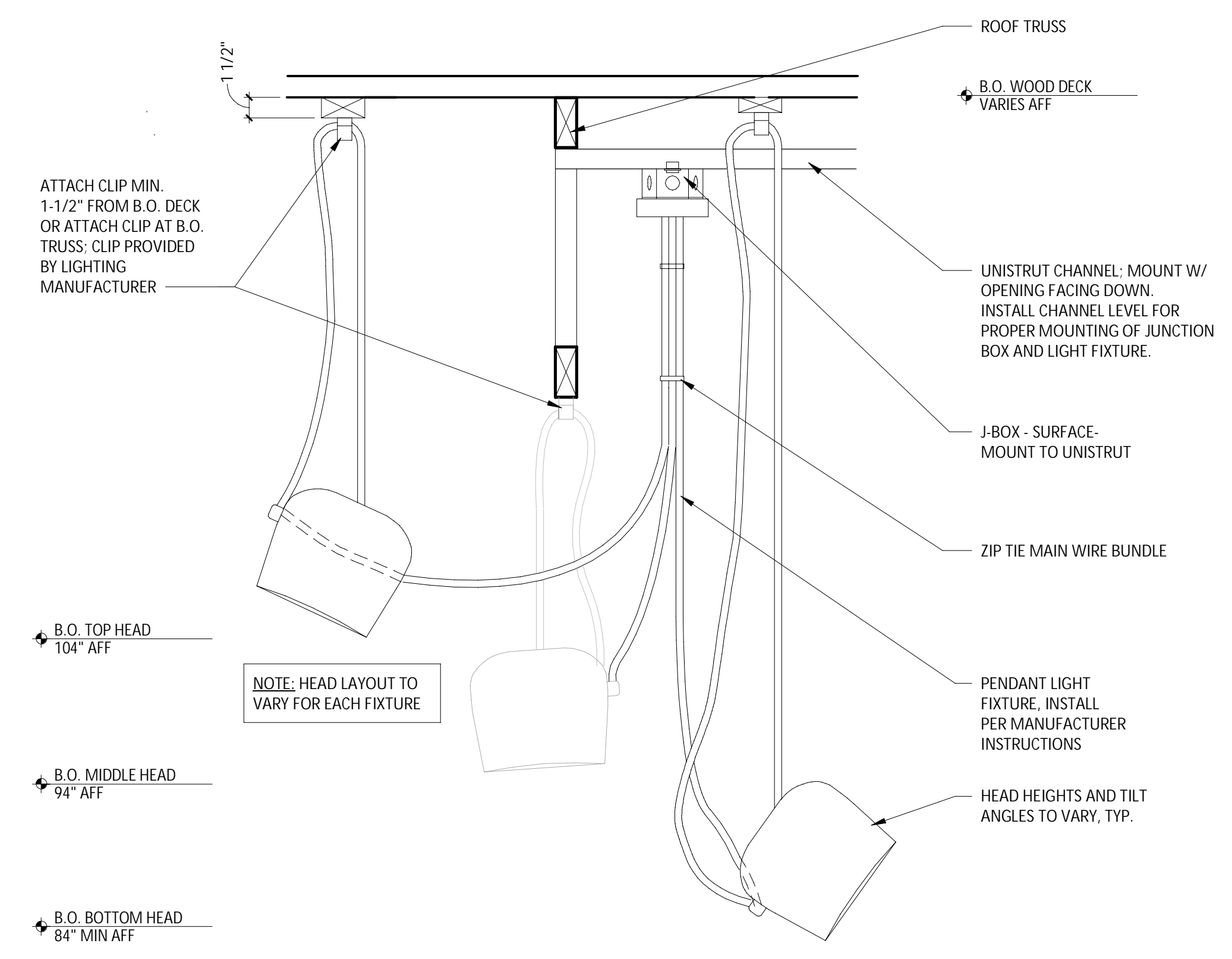
Revisions:

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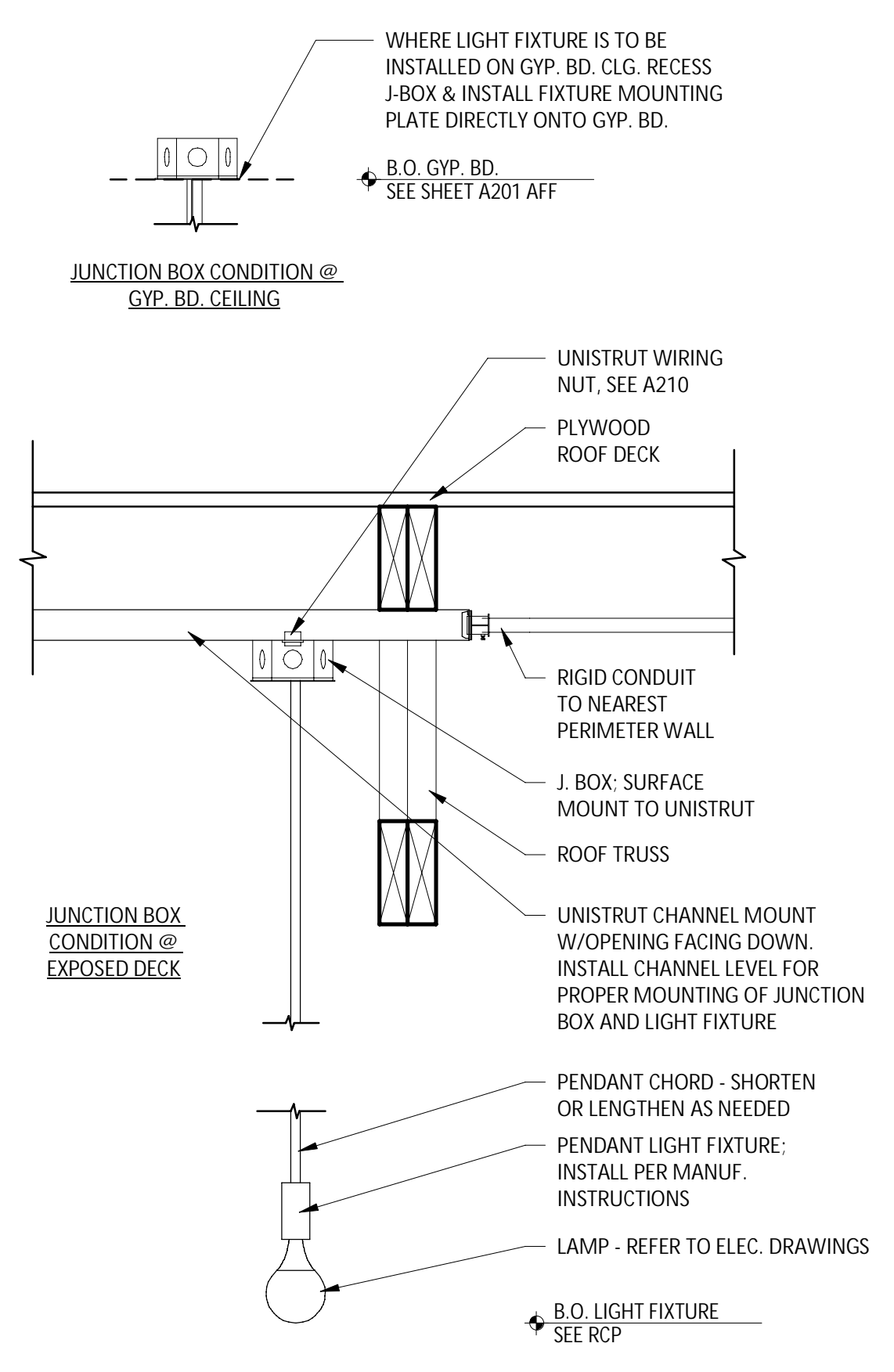
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CMG #4951

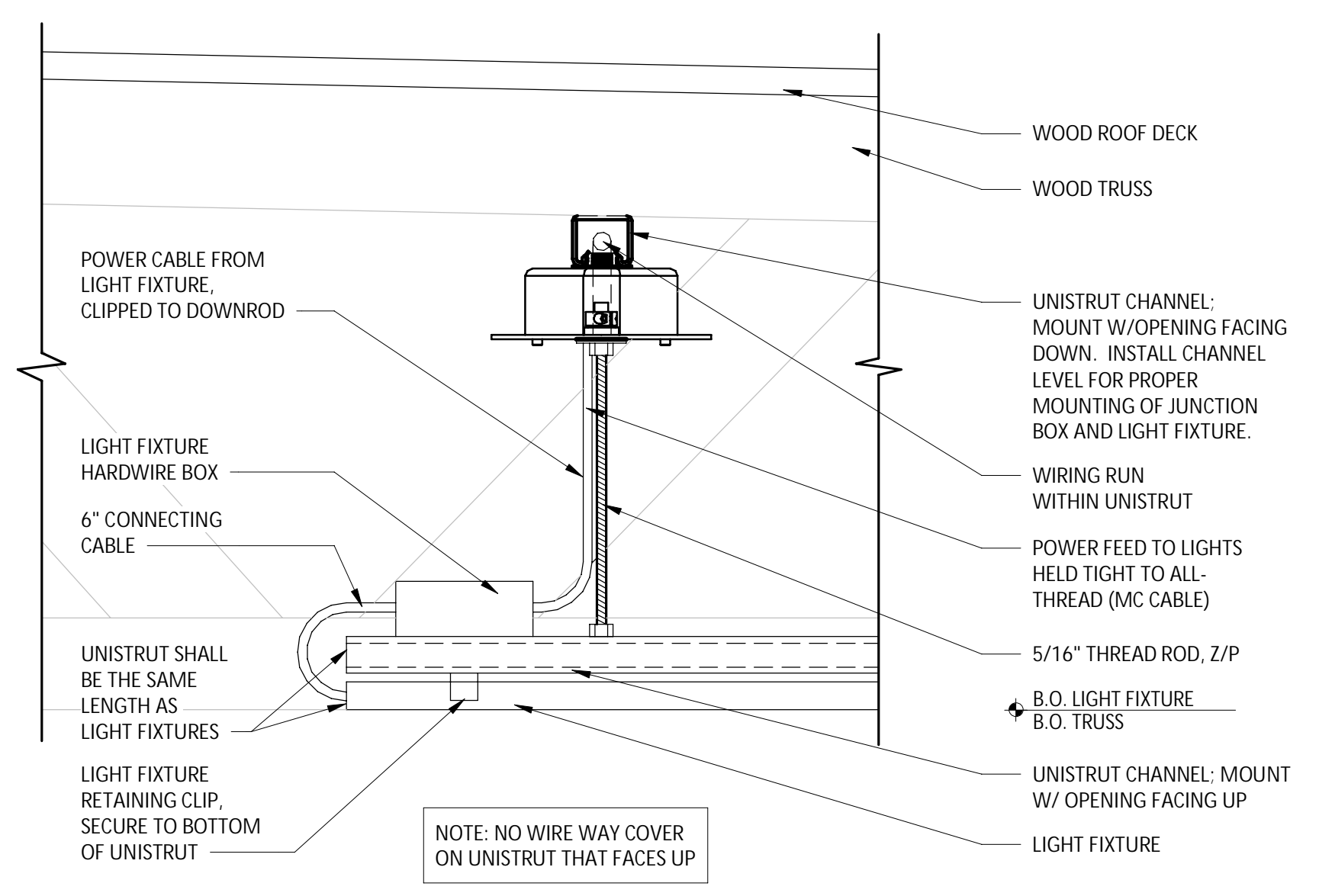
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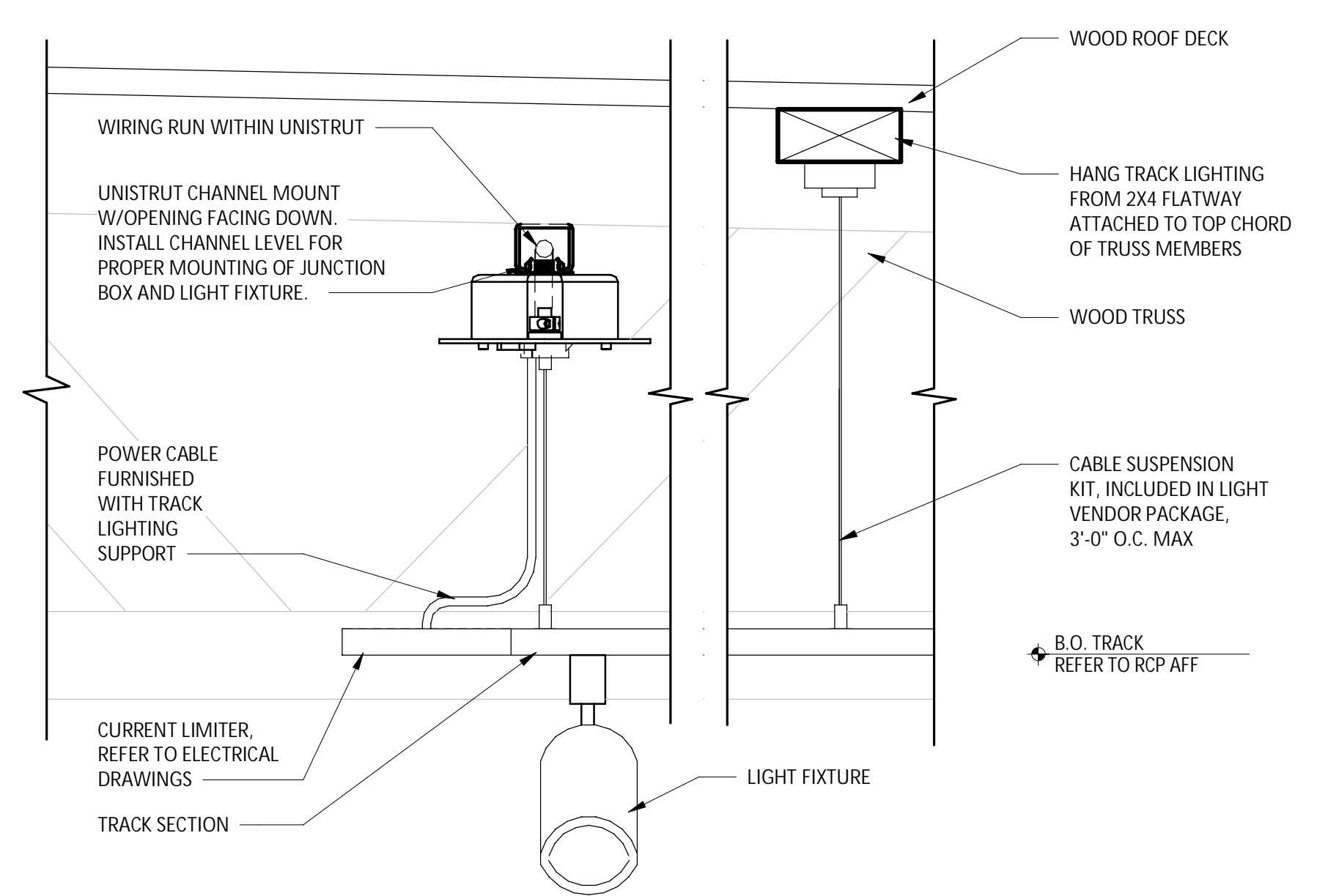
4 A211 SUSPENDED LIGHT FIXTURE
1 1/2" = 1'-0"



3 A211 PENDANT LIGHT FIXTURE
1 1/2" = 1'-0"



2 A211 SUSPENDED STRIP LIGHT CONNECTION DETAIL
3" = 1'-0"



1 A211 SUSPENDED TRACK LIGHT CONNECTION DETAIL
3" = 1'-0"

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.

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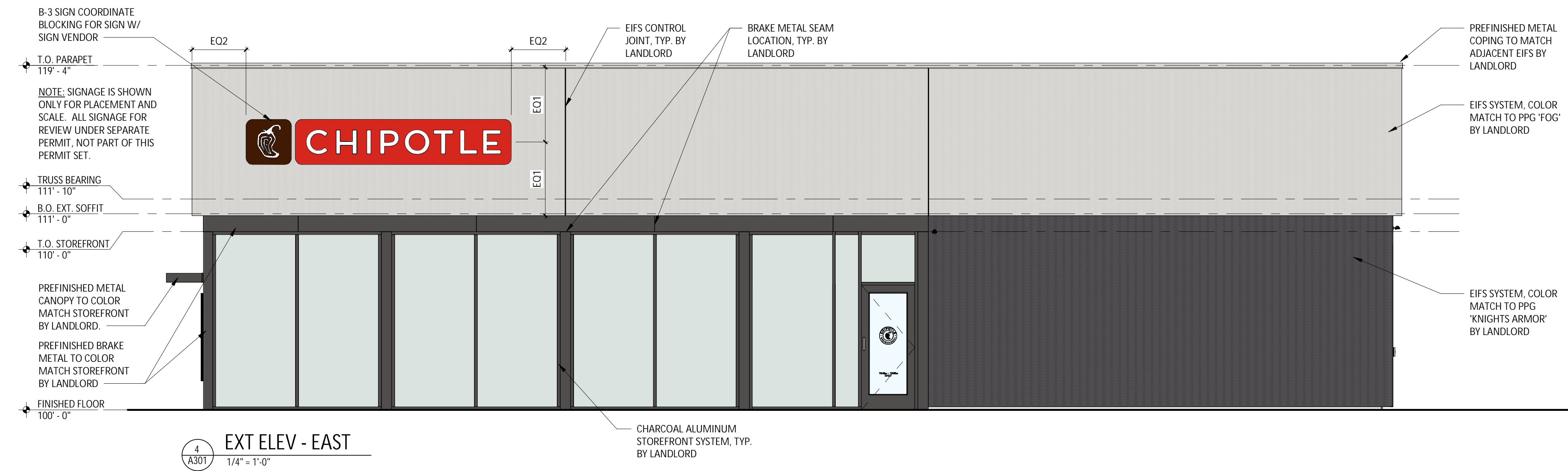
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Contents:
EXTERIOR
ELEVATIONS

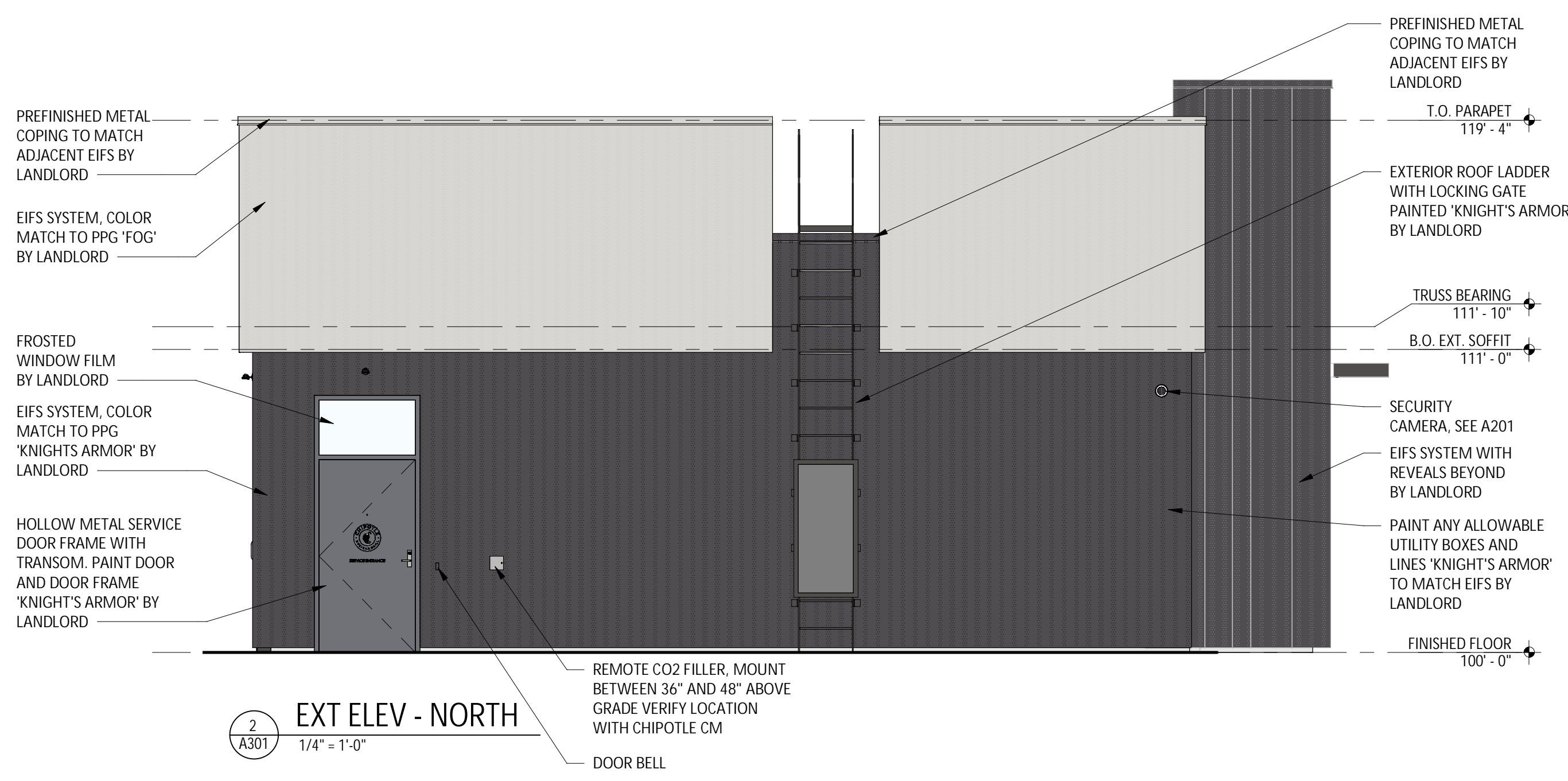
A301



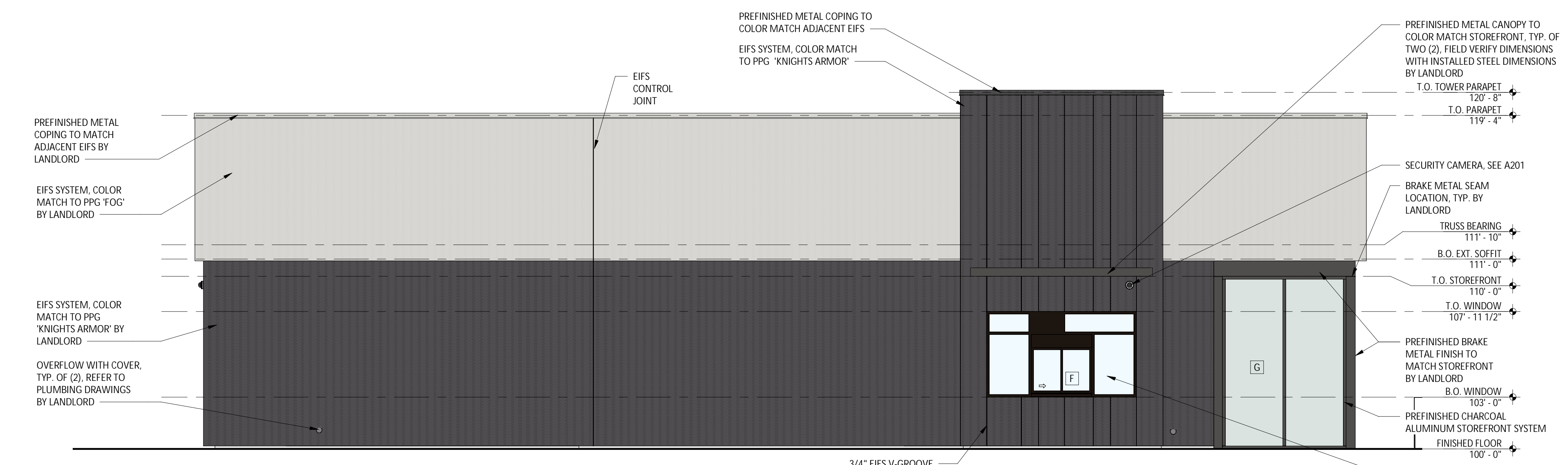
4 EXT ELEV - EAST
A301 1/4" = 1'-0"



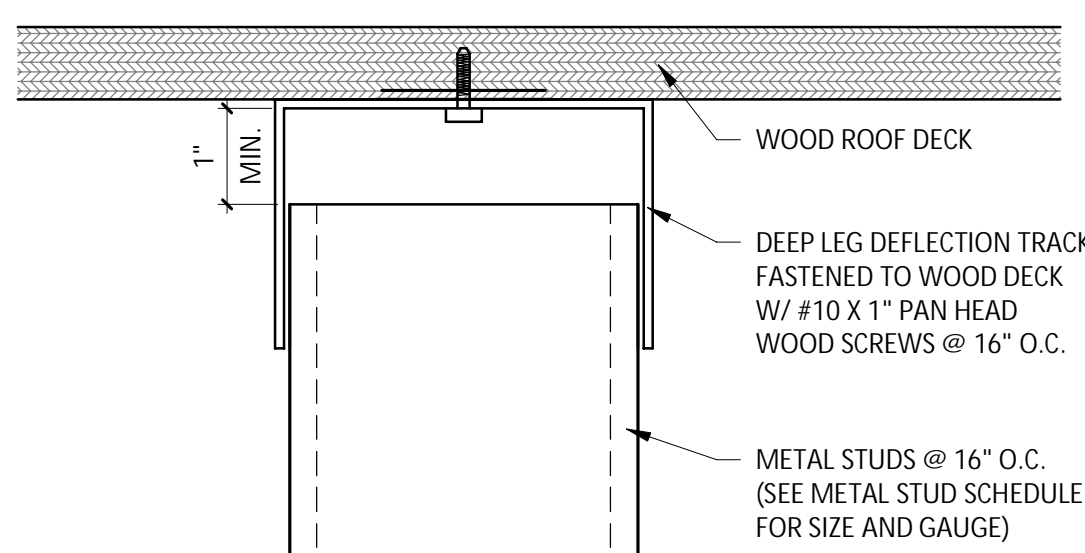
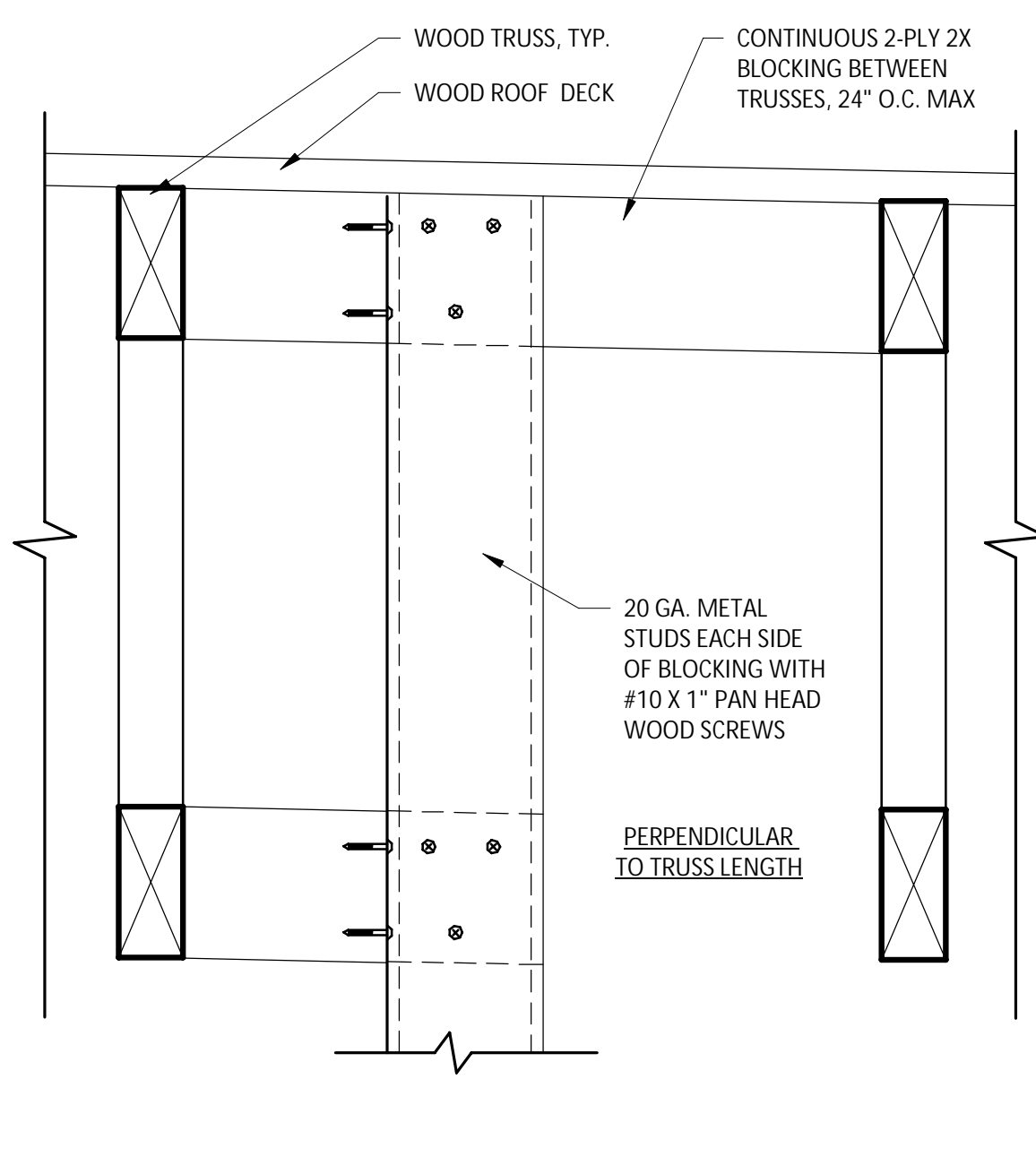
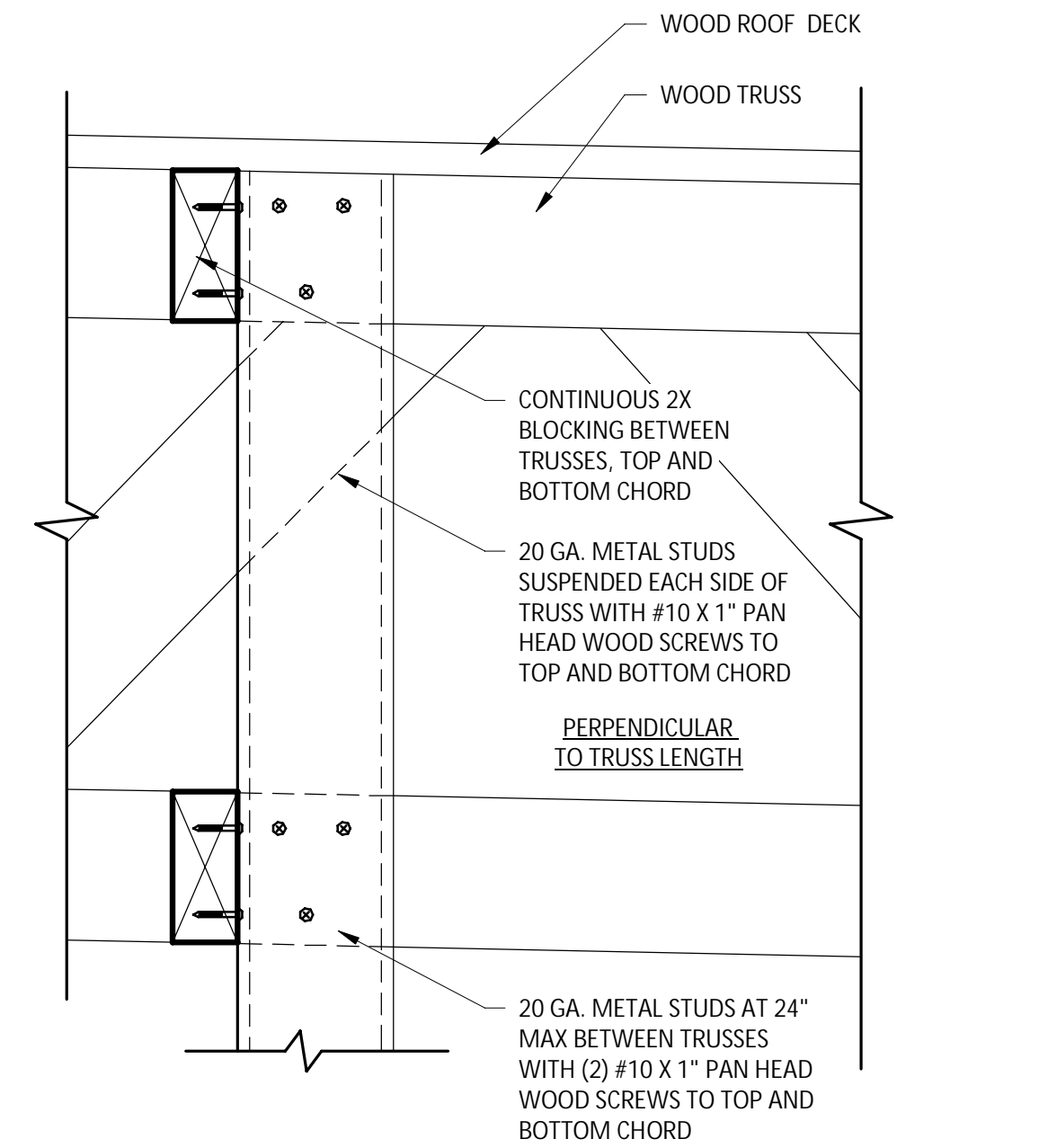
3 EXT ELEV - SOUTH
A301 1/4" = 1'-0"



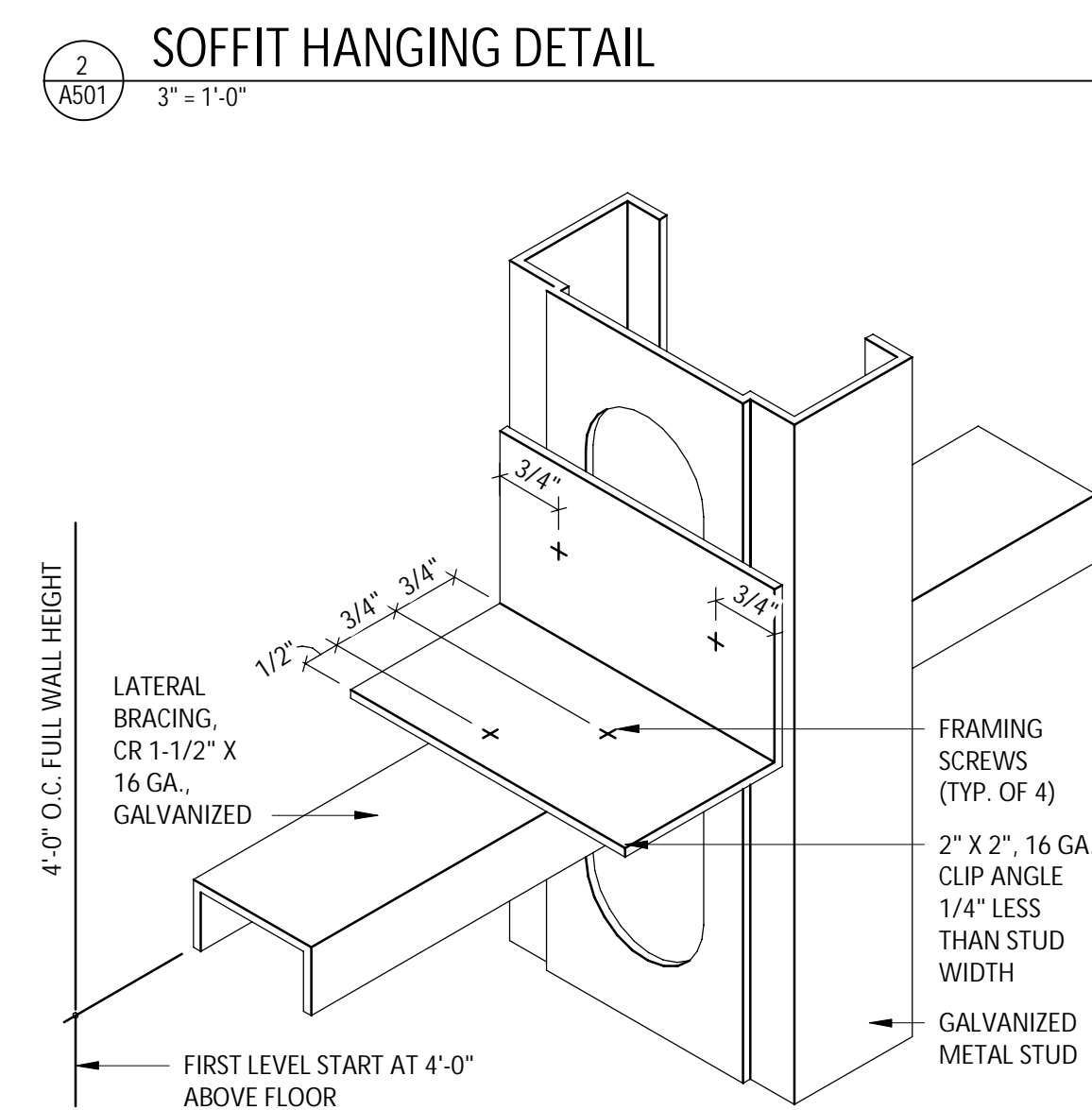
2 EXT ELEV - NORTH
A301 1/4" = 1'-0"



1 EXT ELEV - WEST
A301 1/4" = 1'-0"



DEFLECTION TRACK DETAIL @ PARTITION
3 AS01 6" = 1'-0"



SOFFIT HANGING DETAIL
2 AS01 3" = 1'-0"

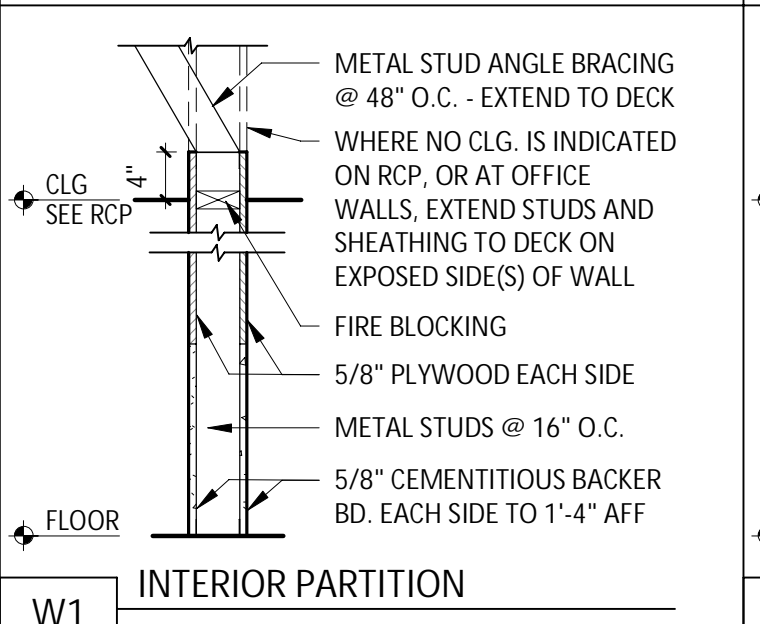


LATERAL BRACING DETAIL @ PARTITION
1 AS01 NOT TO SCALE

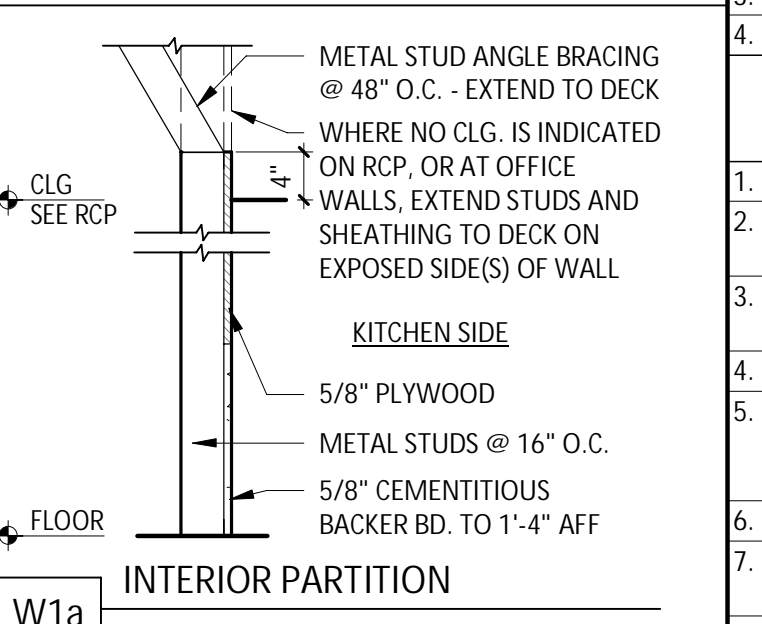
WALL TYPES

- 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

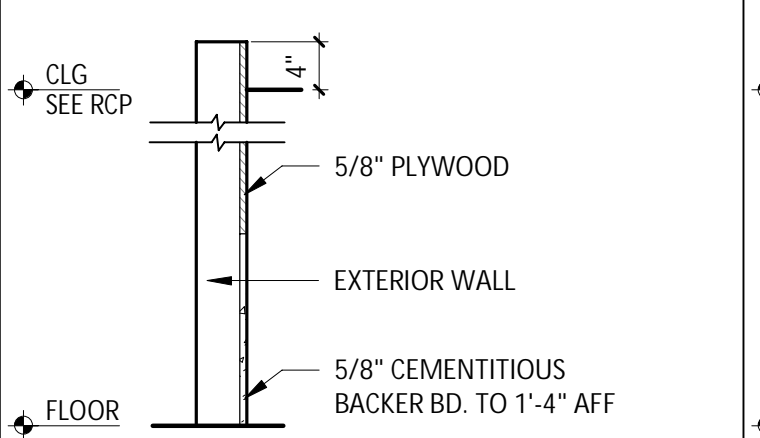
NOTE: ALL CONCEALED WOOD TO BE FRT RATED



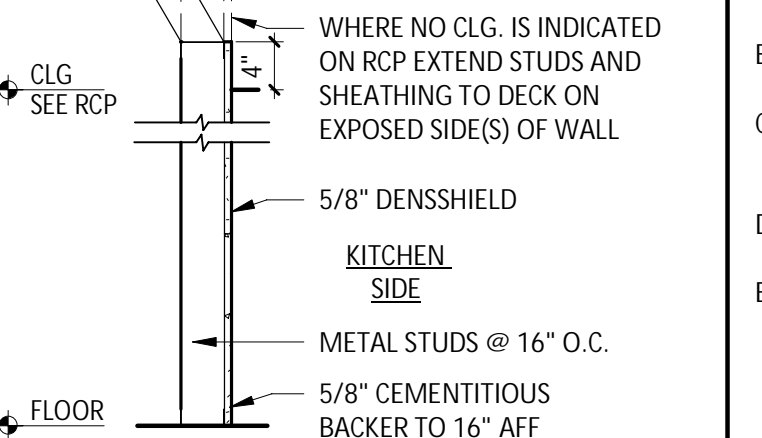
W1 INTERIOR PARTITION



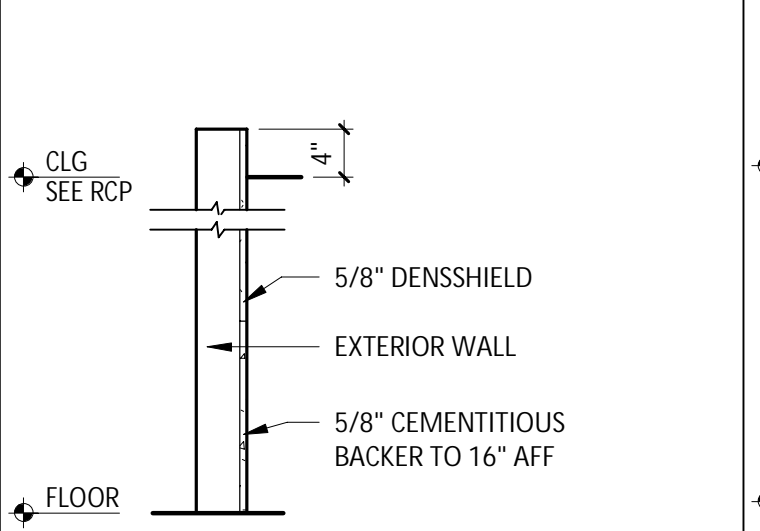
W1a INTERIOR PARTITION



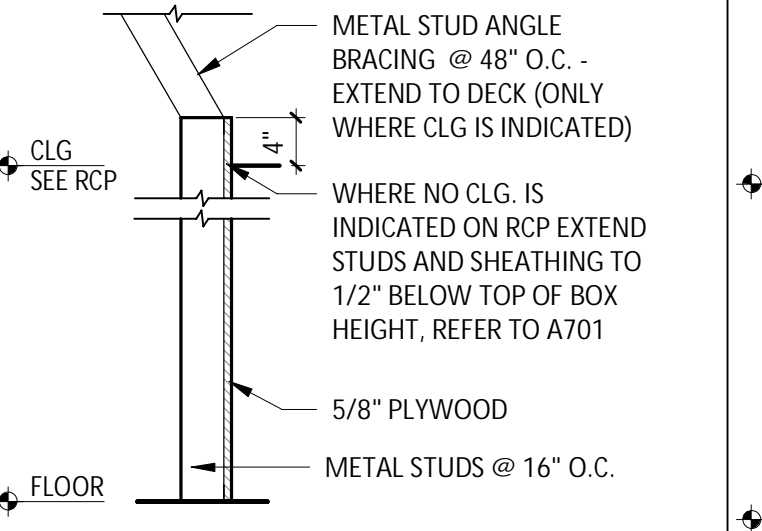
W1ax INTERIOR PARTITION



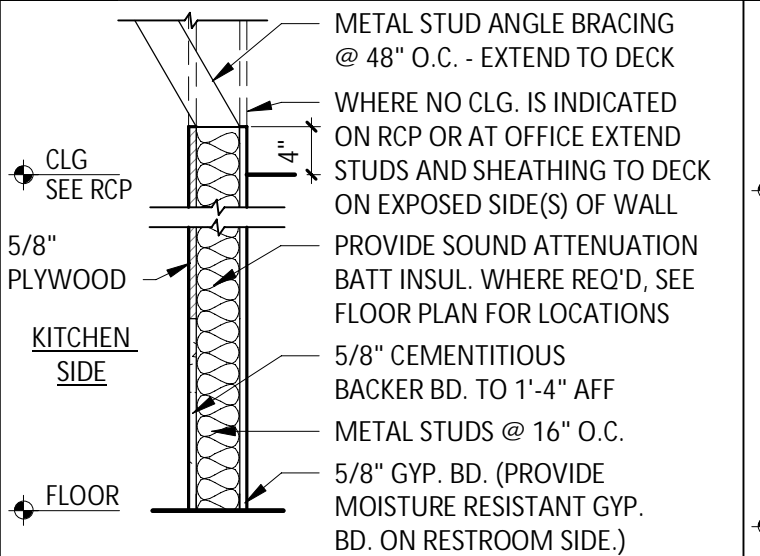
W3a INTERIOR PARTITION



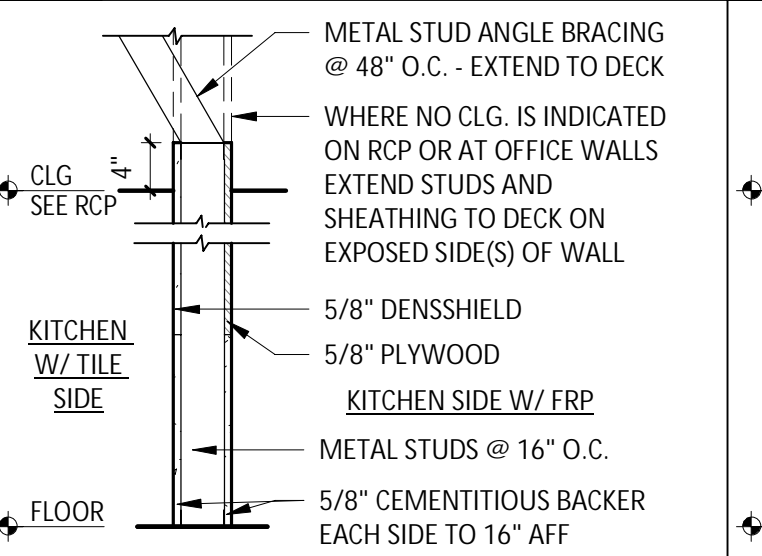
W3ax INTERIOR PARTITION



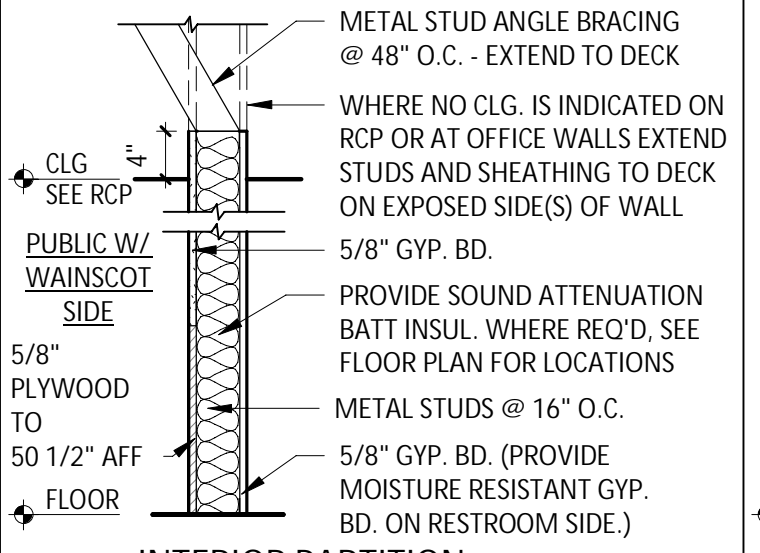
W4a INTERIOR PARTITION



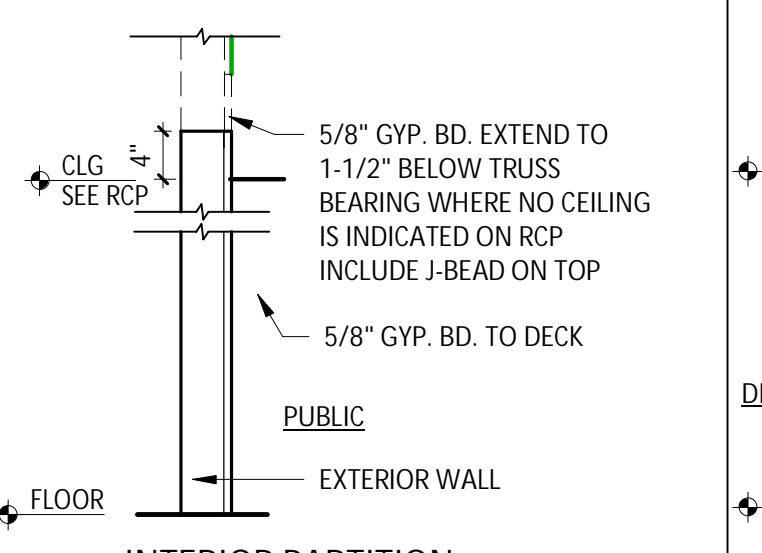
W6 INTERIOR PARTITION



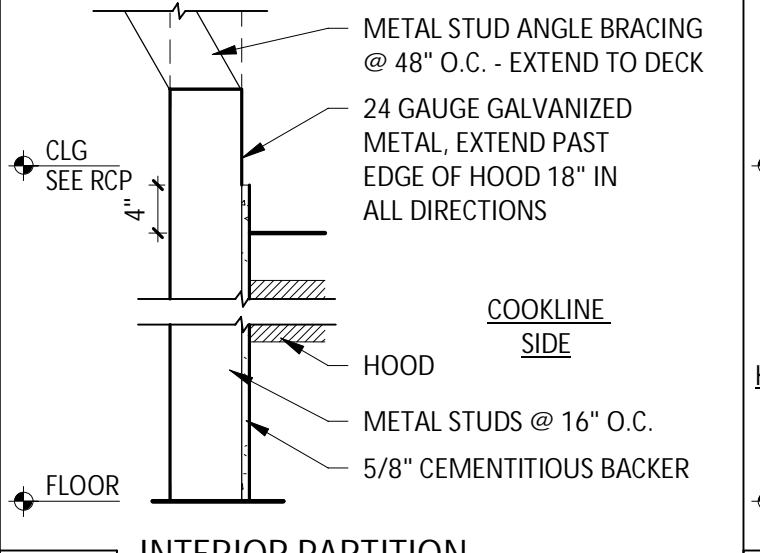
W7 INTERIOR PARTITION



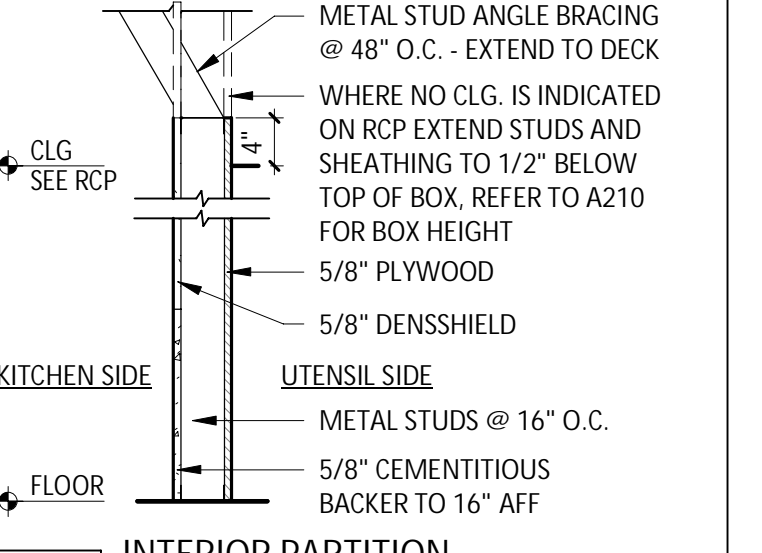
W14 INTERIOR PARTITION



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

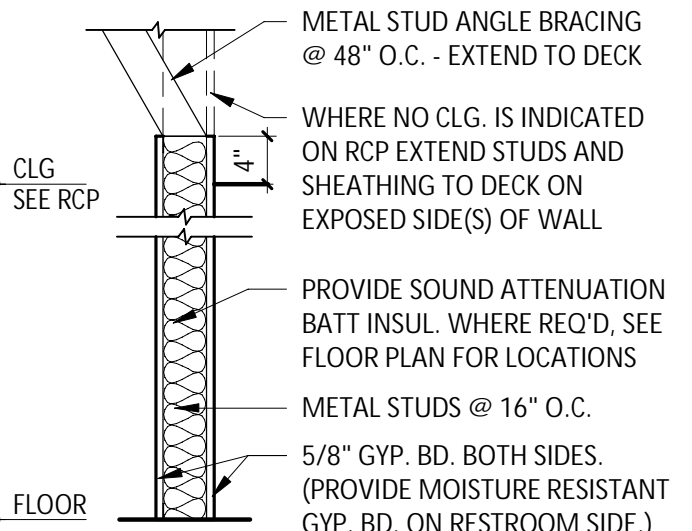
SIZE/TYPE	W/O HUNG SHELVING	W/ HUNG SHELVING
362S125-18	UP TO 12'-0"	
362S137-33	UP TO 16'-0"	UP TO 12'-0"
600S137-33	UP TO 22'-0"	UP TO 16'-0"
600S162-43	UP TO 26'-0"	UP TO 22'-0"

- 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.

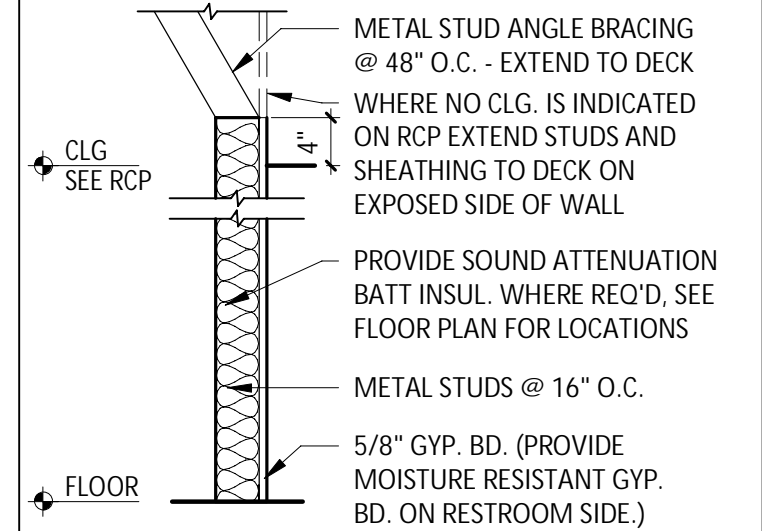
PARTITION NOTES

- 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:

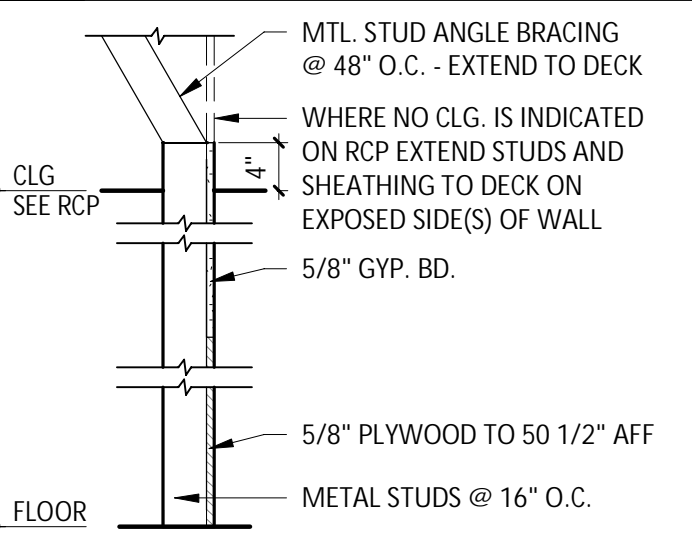
- A. STEEL STUDS TO STEEL STUDS OR TRACKS:
- 20 GAUGE - #8 - 18 X 1/2" TEKS WITH PHILIPS PAN HEAD - MIN. 2 PER CONNECTION
 - 18/16 GAUGE - #10 - 16 X 3/4" TEKS WITH PHILIPS PAN HEAD - MIN. 3 PER CONNECTION
- B. STEEL STUDS OR TRACKS TO WOOD PURLINS, GIRDERS AND BEAMS:
- #14 - 10 X 1-1/2" H.W.H. TYPE "S" METAL-TO-WOOD TEKS AT 12" O.C., 2" FROM EACH END
- C. STEEL STUDS OR TRACKS TO STRUCTURAL STEEL (TUBE/WIDE FLANGE COL'S, BM'S, GIRDERS, ETC.):
- 0.145" DIA. HILTI X-DNI FASTENERS, 5/8" MIN. LENGTH AND MIN. OF 2 PER CONNECTION, OR 2 ROWS AT 16" O.C. FOR CONTINUOUS APPLICATIONS SUCH AS TRACKS, U.N.O.
- D. PLYWOOD TO STEEL STUDS:
- #10 - 24 X 1-1/4" TEKS/3 (PLYMETALTEKS) WITH THIN WAFFER HEAD - 24" O.C. FILED, 12" O.C. PERIMETER
- E. GYPSUM BOARD TO STEEL STUDS:
- #7 X 1-1/4" H-LW 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.
- F. STEEL STUDS OR TRACKS TO CONCRETE:
- 0.145" DIA. HILTI X-DNI FASTENER, 1" MIN. LENGTH, 2 ROWS AT 16" O.C.



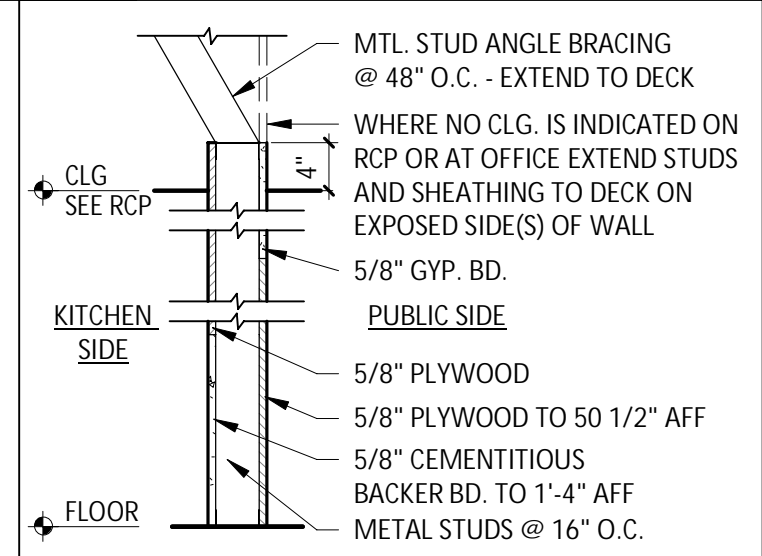
W5 INTERIOR PARTITION



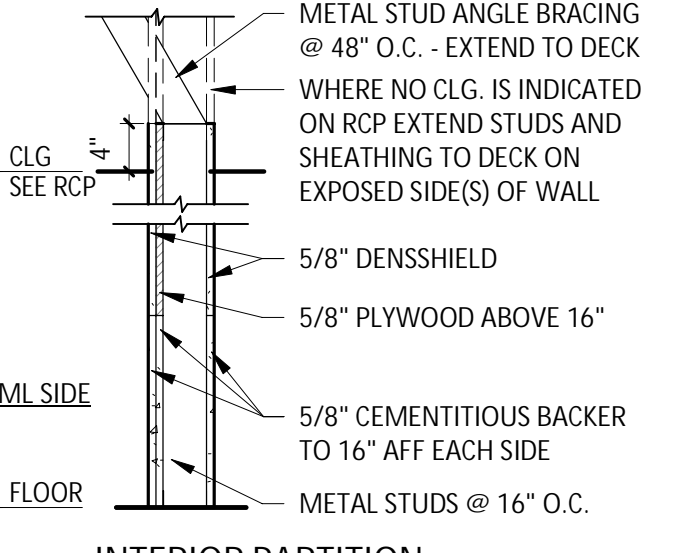
W5a INTERIOR PARTITION



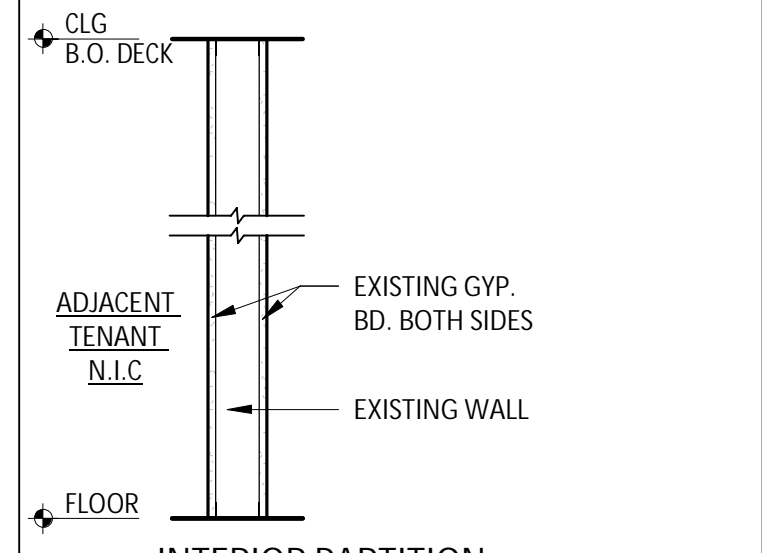
W10a INTERIOR PARTITION



W11 INTERIOR PARTITION



W23 INTERIOR PARTITION



W18x INTERIOR PARTITION

ARCHITECT OF RECORD



10/20/2023

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WILLIS, TX 77378

Issue Record:
10/20/2023 PERMIT SET

Revisions:

Drawn: O. SORIANO Checked: T. GRANDORF

Project No. CMG #4951

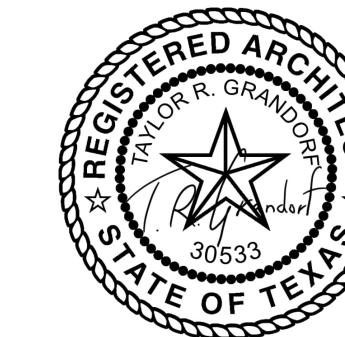
Contents:
ARCHITECTURAL WALL TYPES

A501



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FORT WORTH, TEXAS 76102
(817) 820-0433

SEAL



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WILLIS, TX 77378

Issue Record:	
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Revisions:	

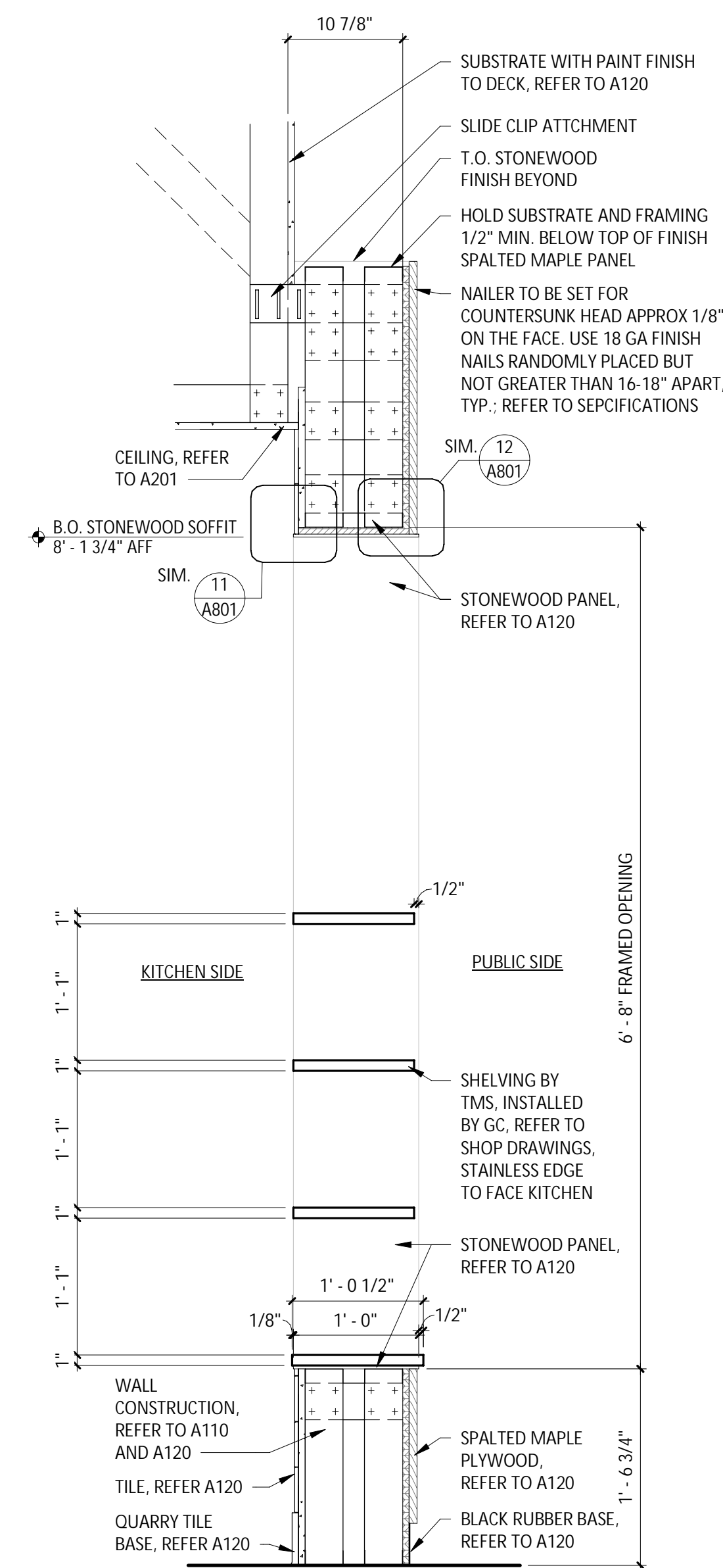
Drawn: O. SORIANO Checked: T. GRANDORF

Project No.
CMG #4951

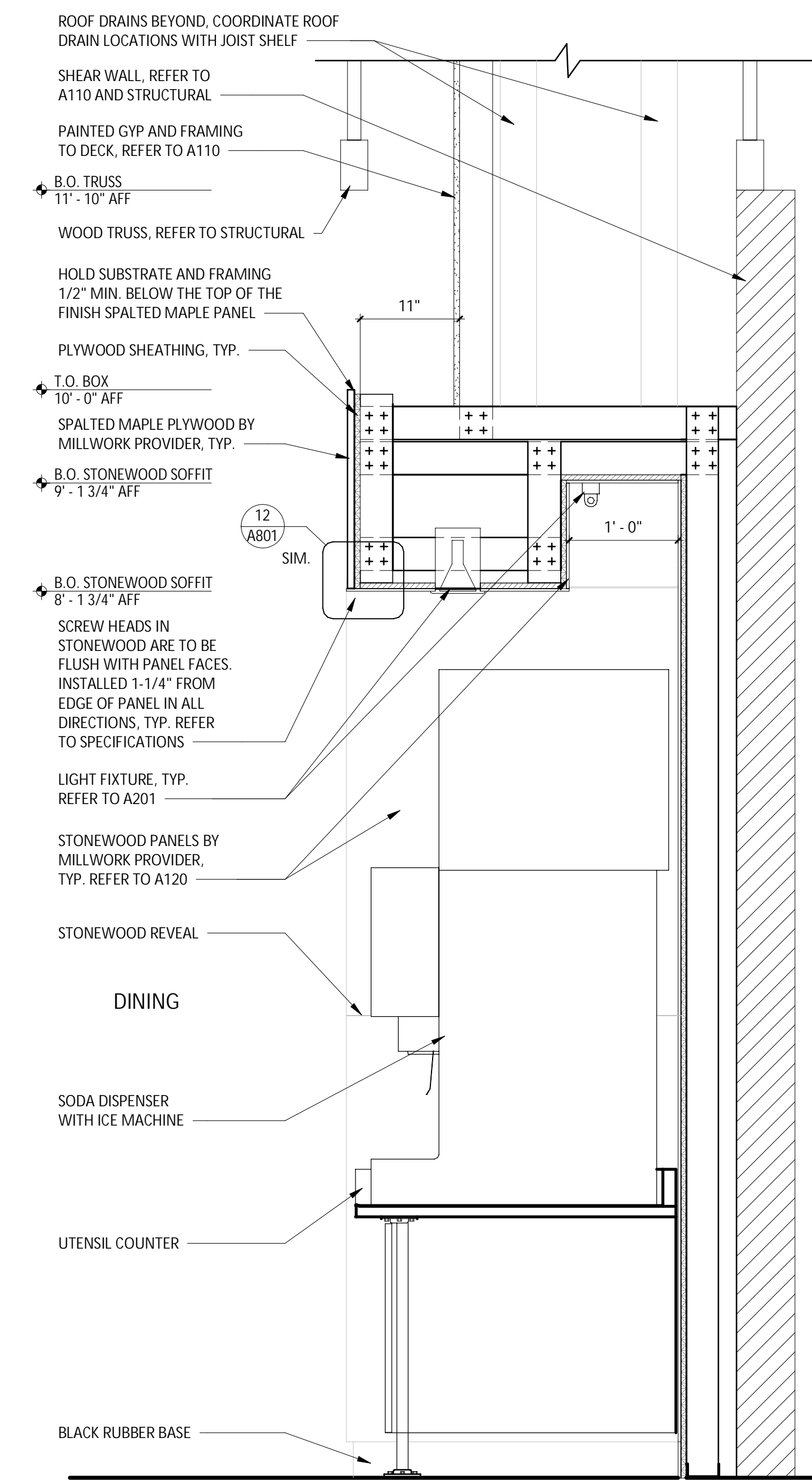
Contents:

INTERIOR SECTIONS

A502



2 A502 MOPUS SECTION - PASS THRU
1" = 1'-0"



1 A502 UTENSIL SECTION
1" = 1'-0"

ELEVATION LEGEND

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

GENERAL NOTES

1. REFER TO SHEET A131 AND A132 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
2. REFER TO A120 FOR FINISH SCHEDULE.
3. REFER TO A207 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

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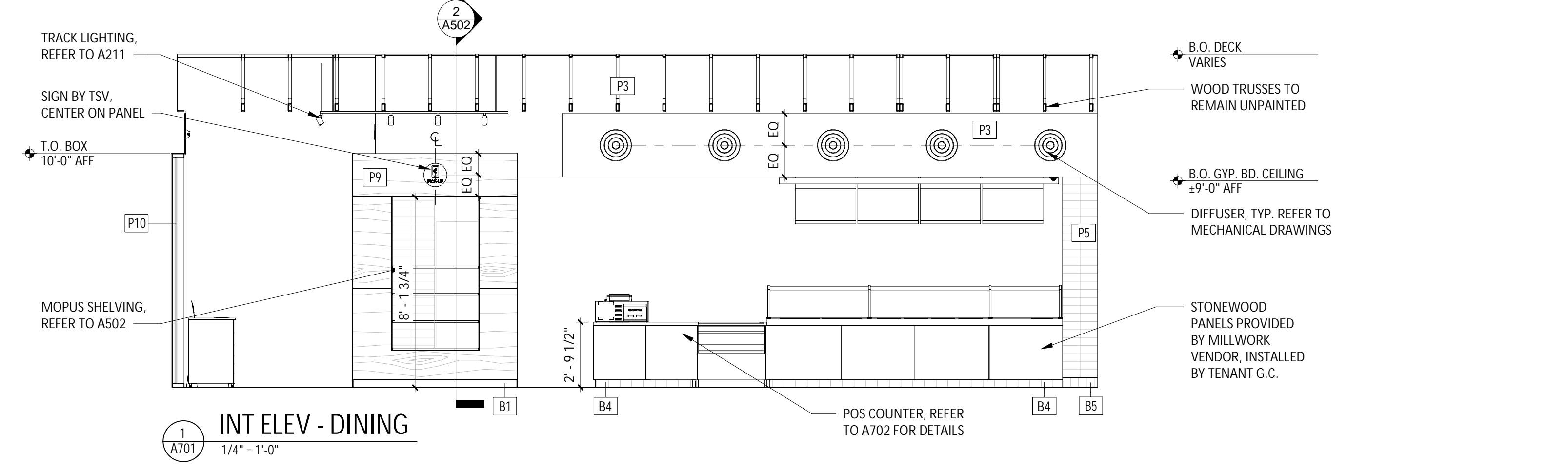
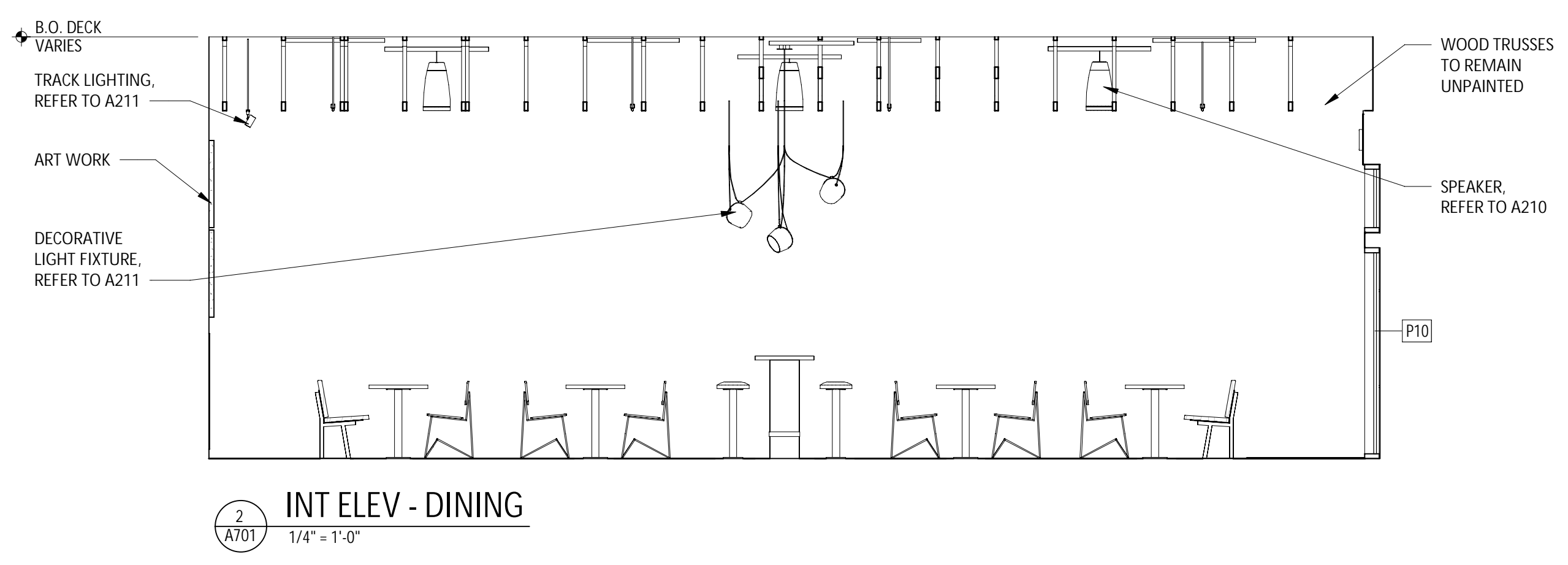
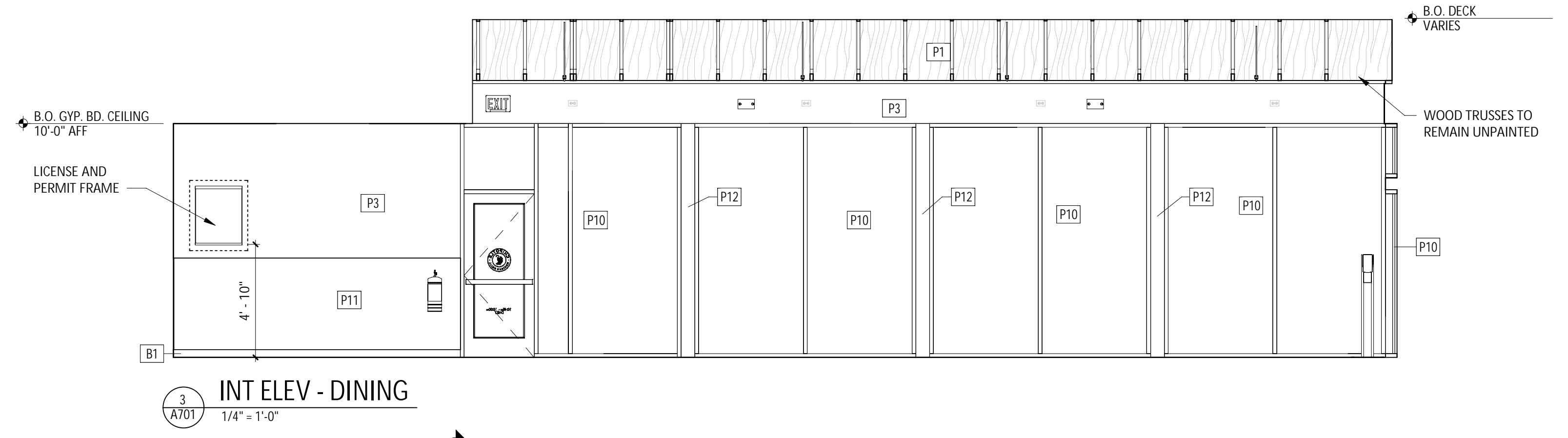
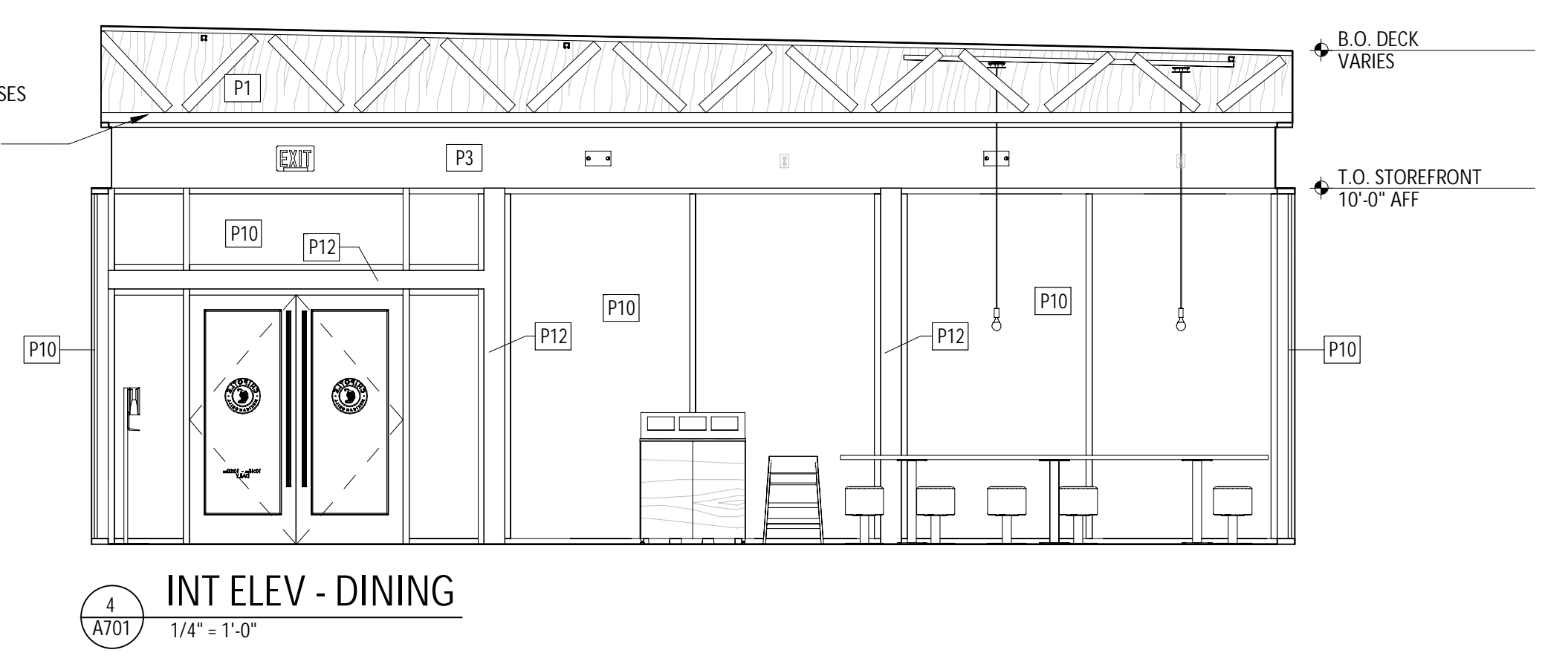
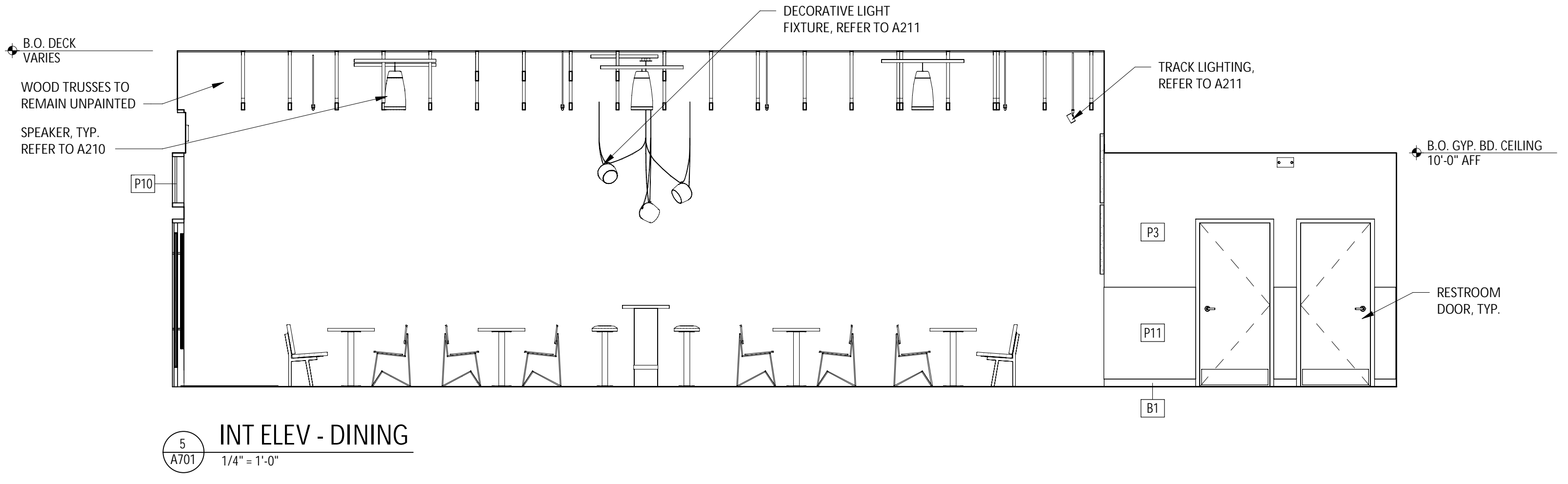
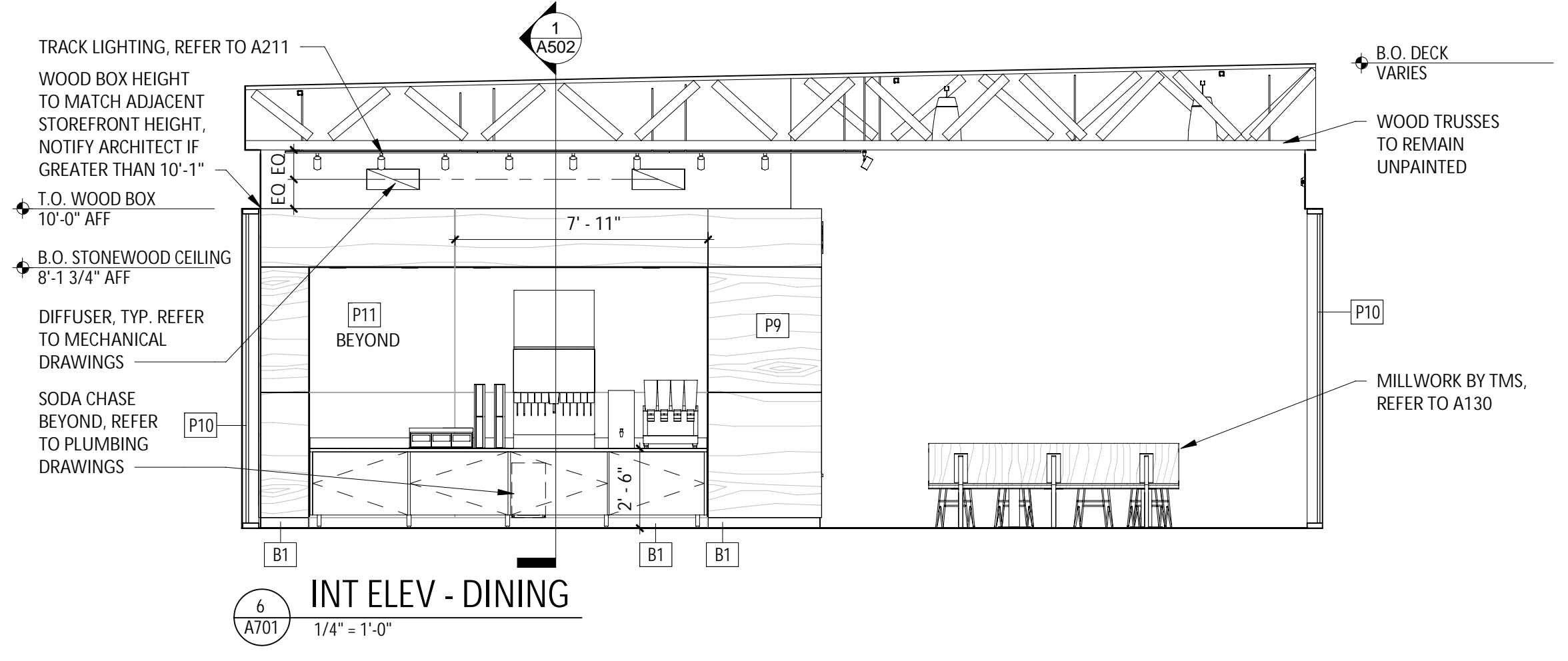
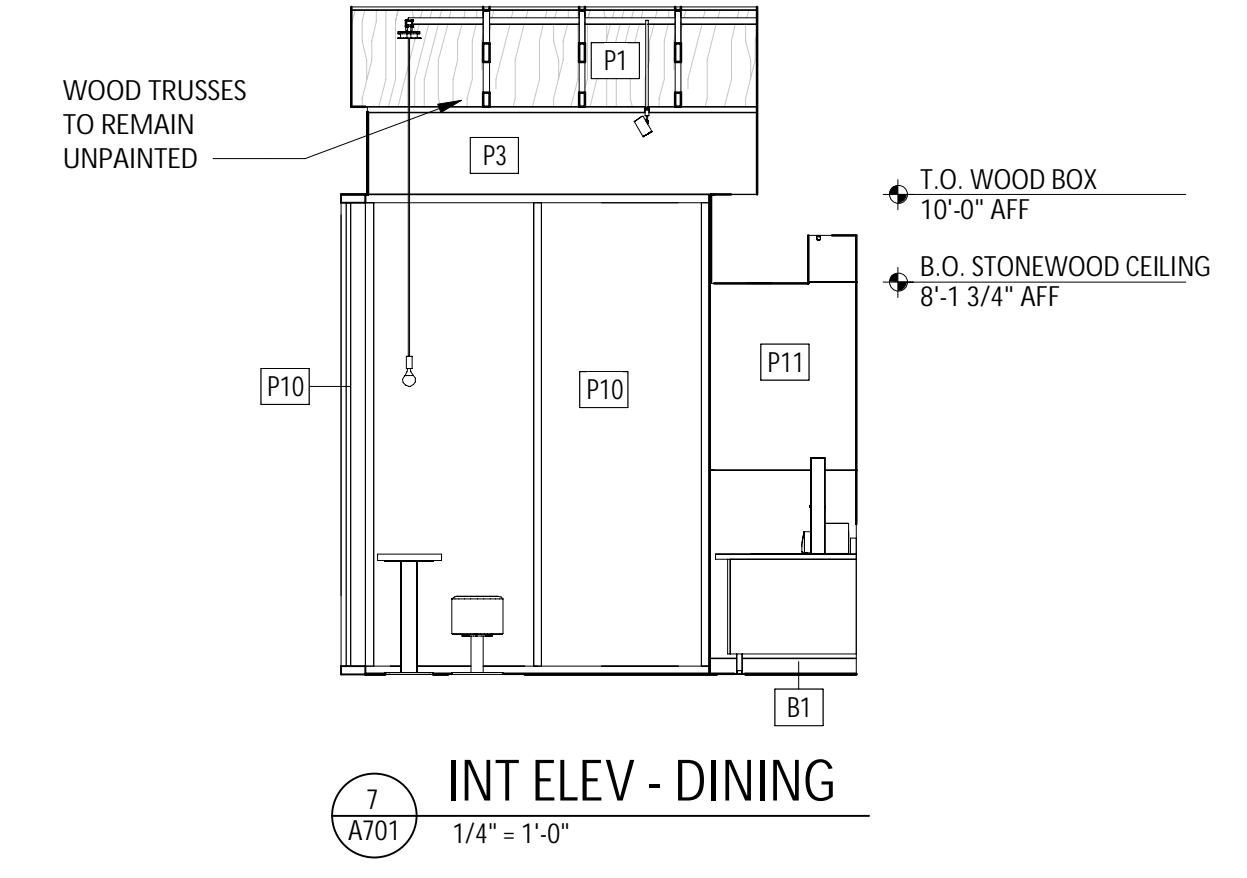
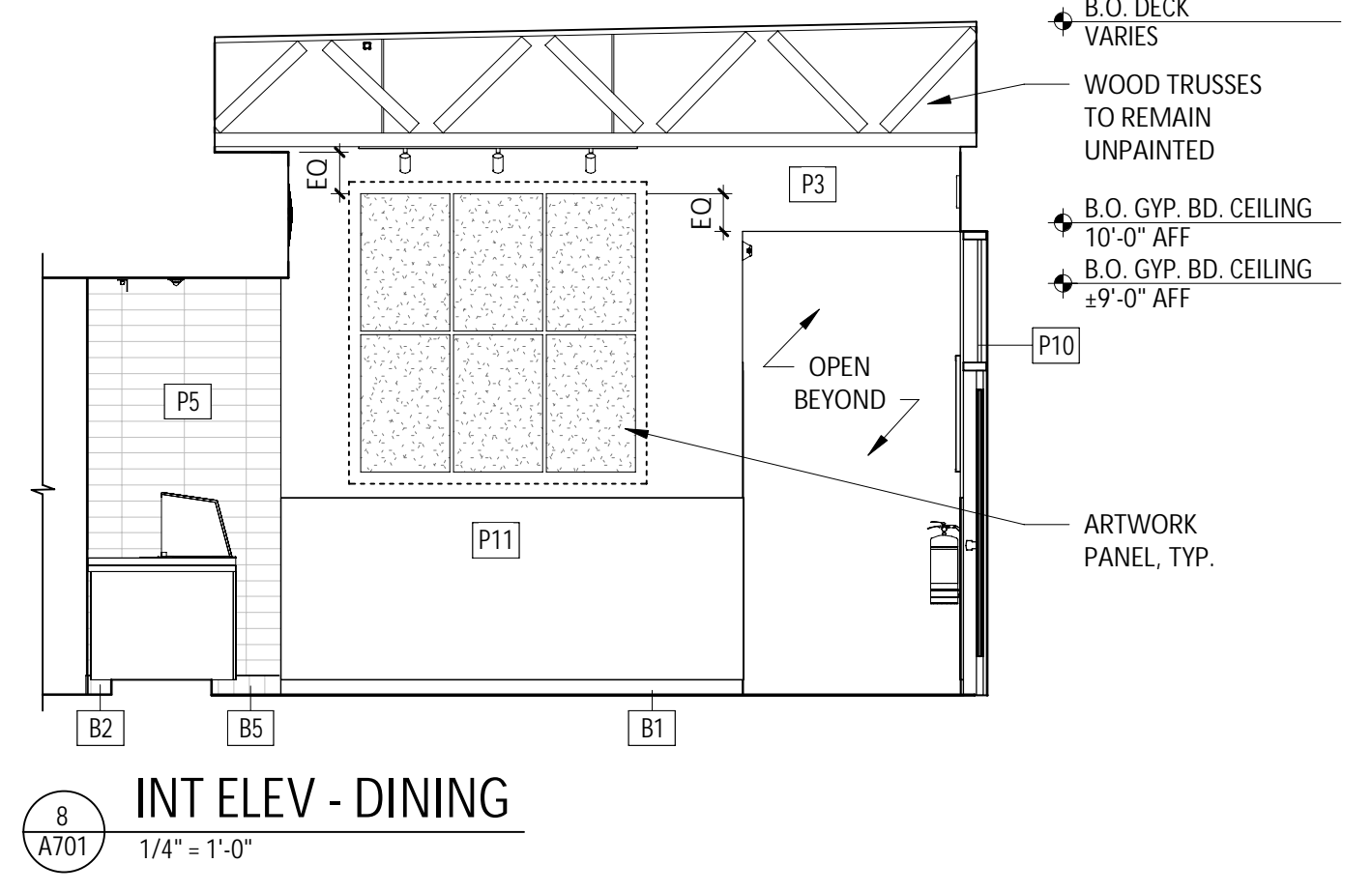
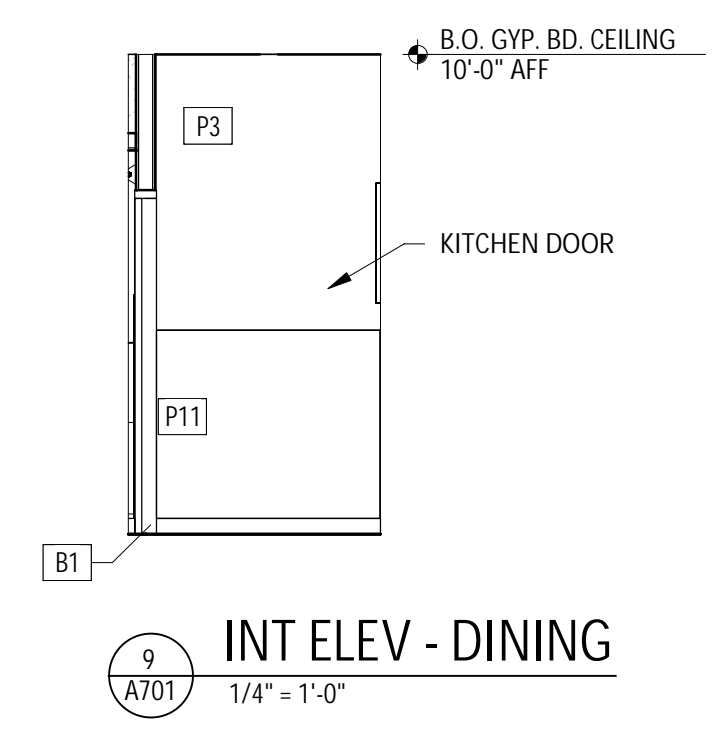
Revisions:

Drawn: O. SORIANO
Checked: T. GRANDORF

Project No.
CMG #4951

Contents:
ELEVATIONS -
INTERIOR DINING

A701



ELEVATION LEGEND

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

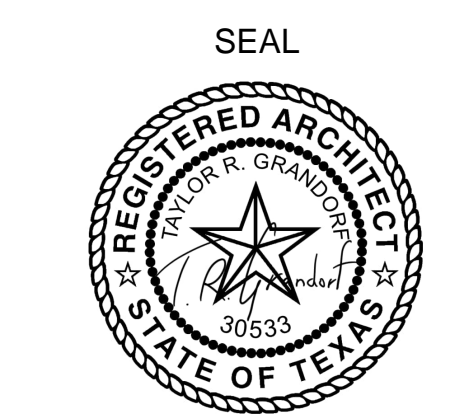
GENERAL NOTES

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

ARCHITECT OF RECORD



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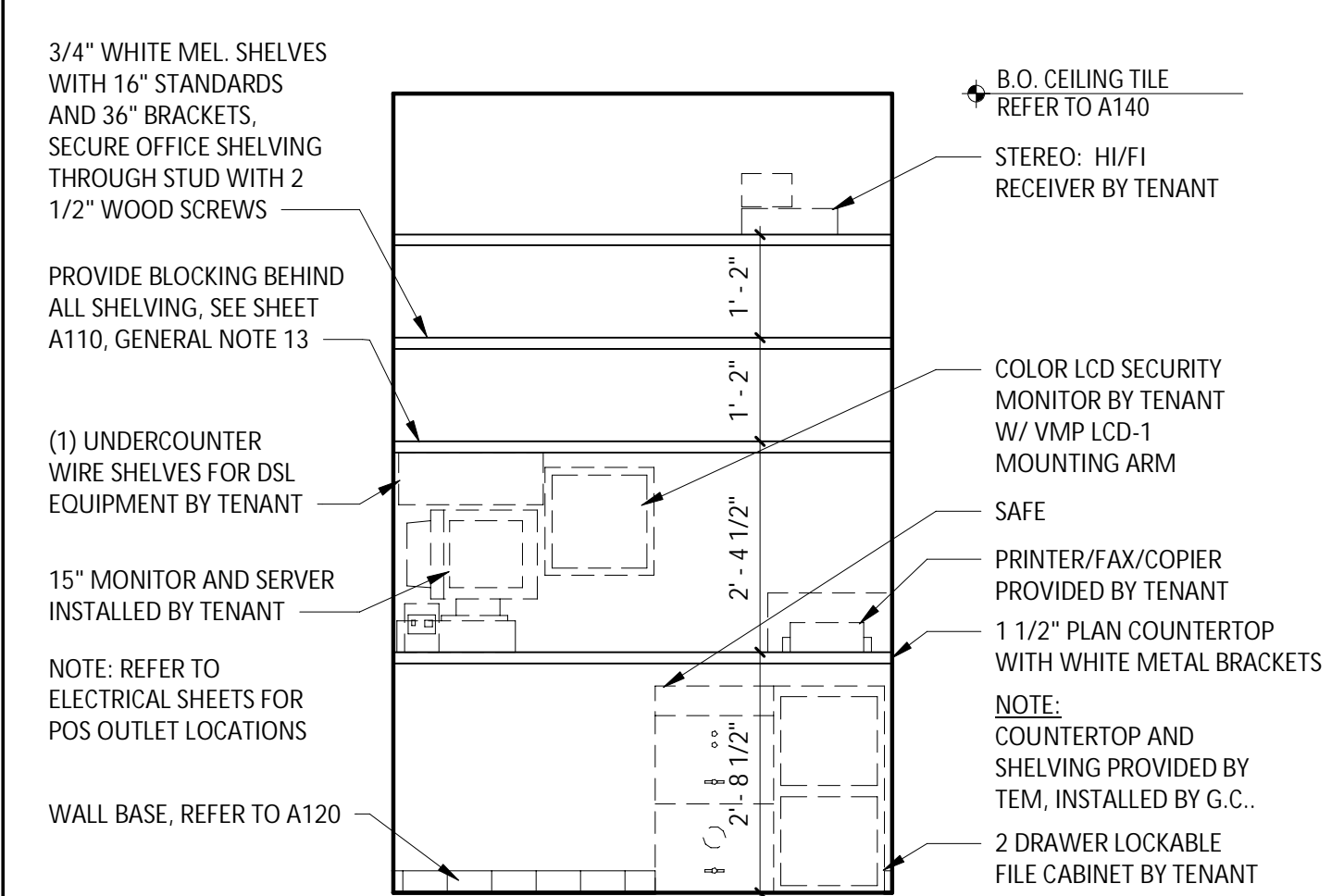
Revisions:

Drawn: O. SORIANO Checked: T. GRANDORF

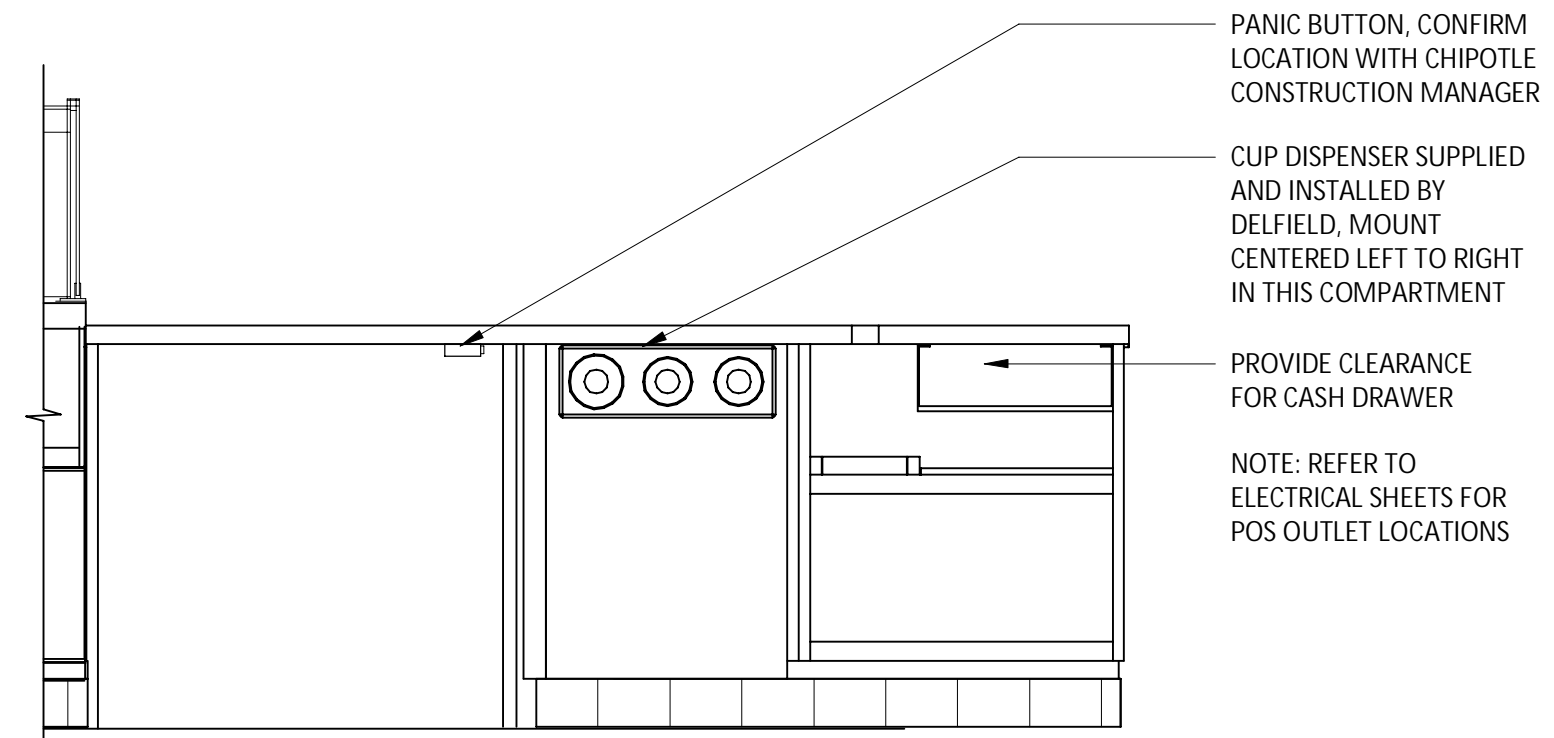
Project No:
CMG #4951

Contents:
ELEVATIONS - INTERIOR KITCHEN

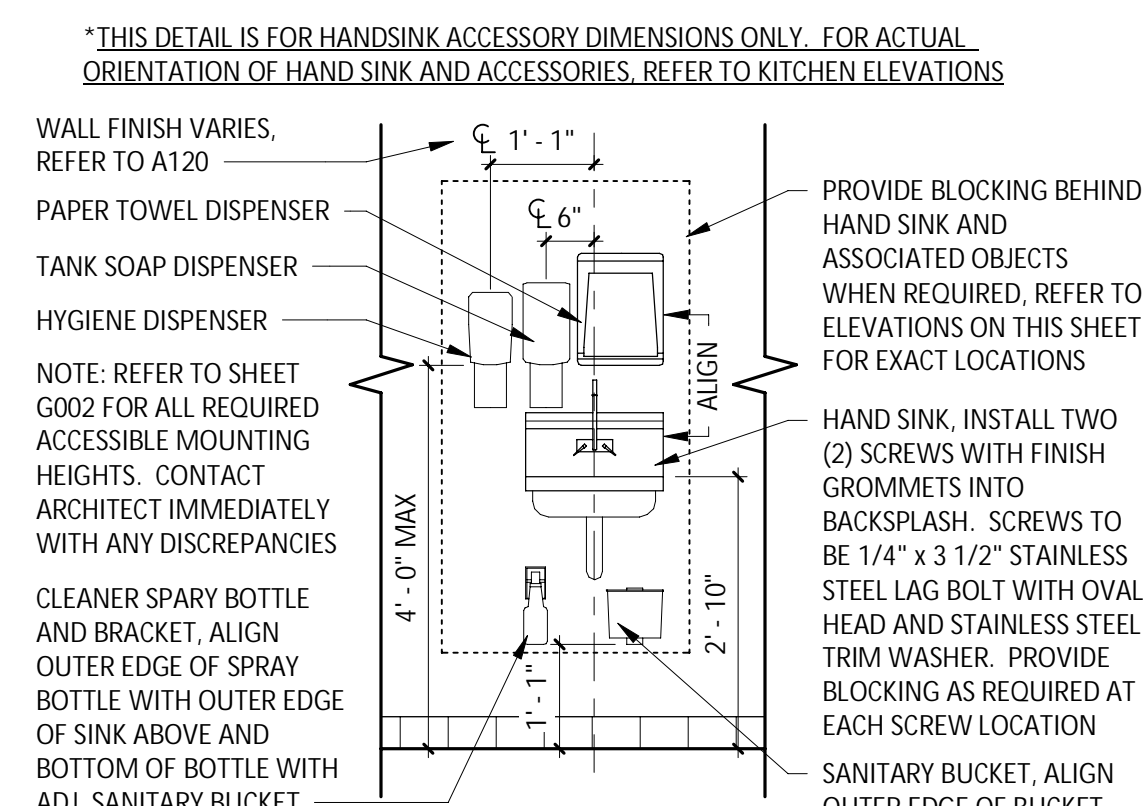
A702



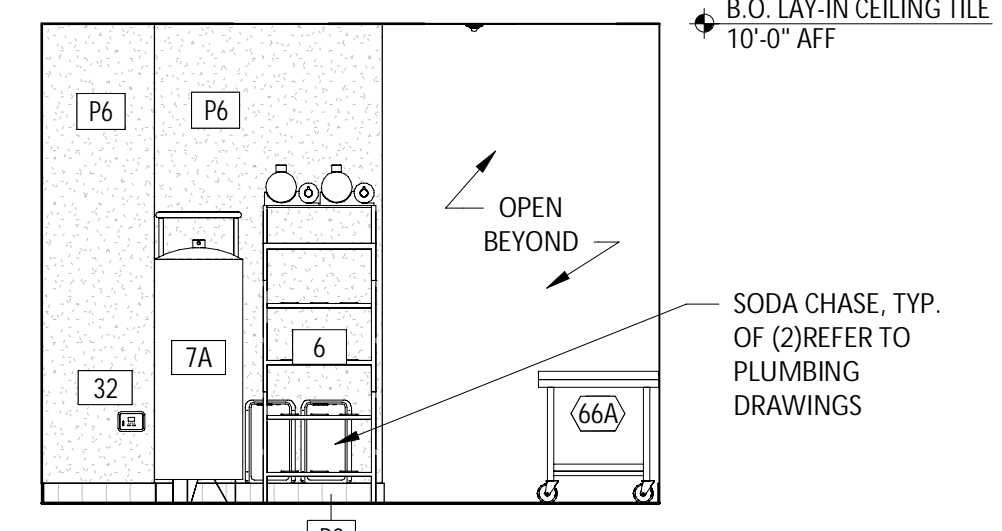
16 TYP ELEV - OFFICE SHELVING
1/2" = 1'-0"



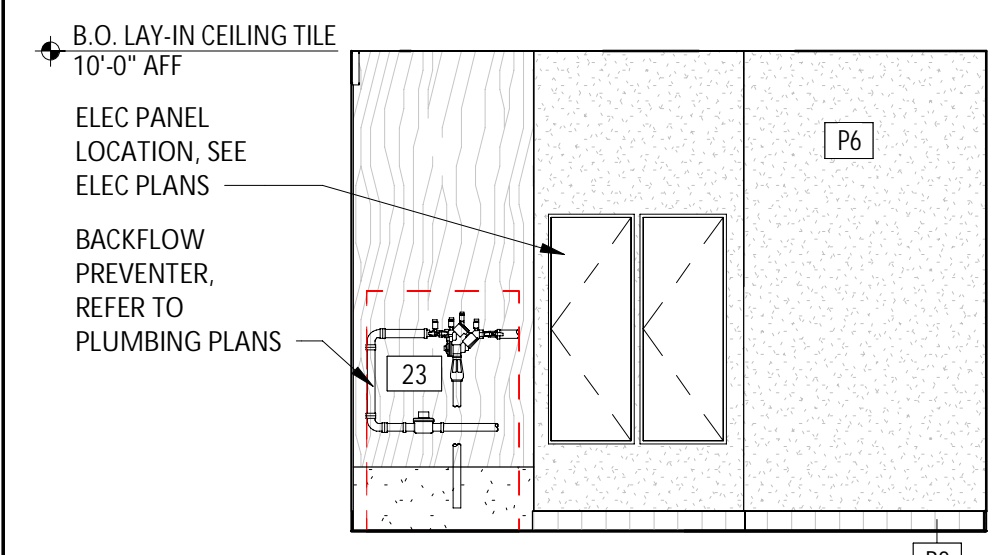
15 TYP. ELEV - POS
3/4" = 1'-0"



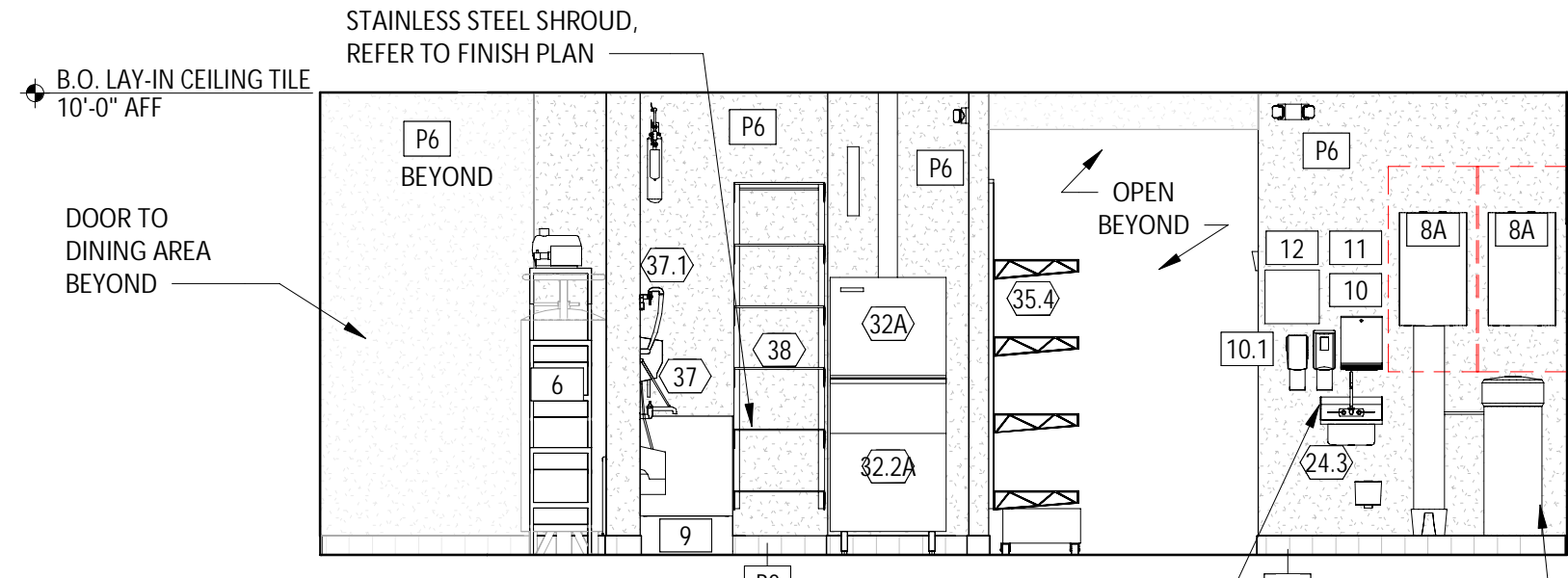
14 TYP ELEV - HAND SINK
1/2" = 1'-0"



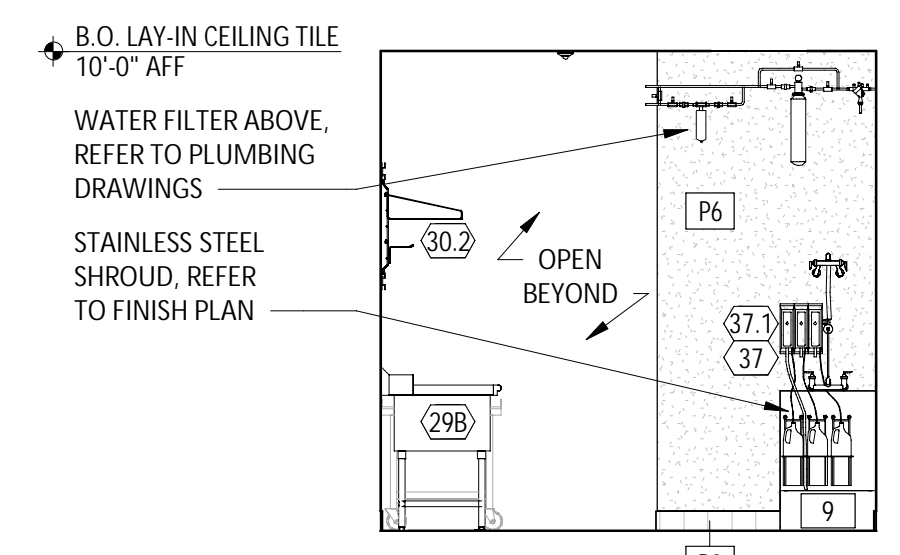
13 INT ELEV - KITCHEN
1/4" = 1'-0"



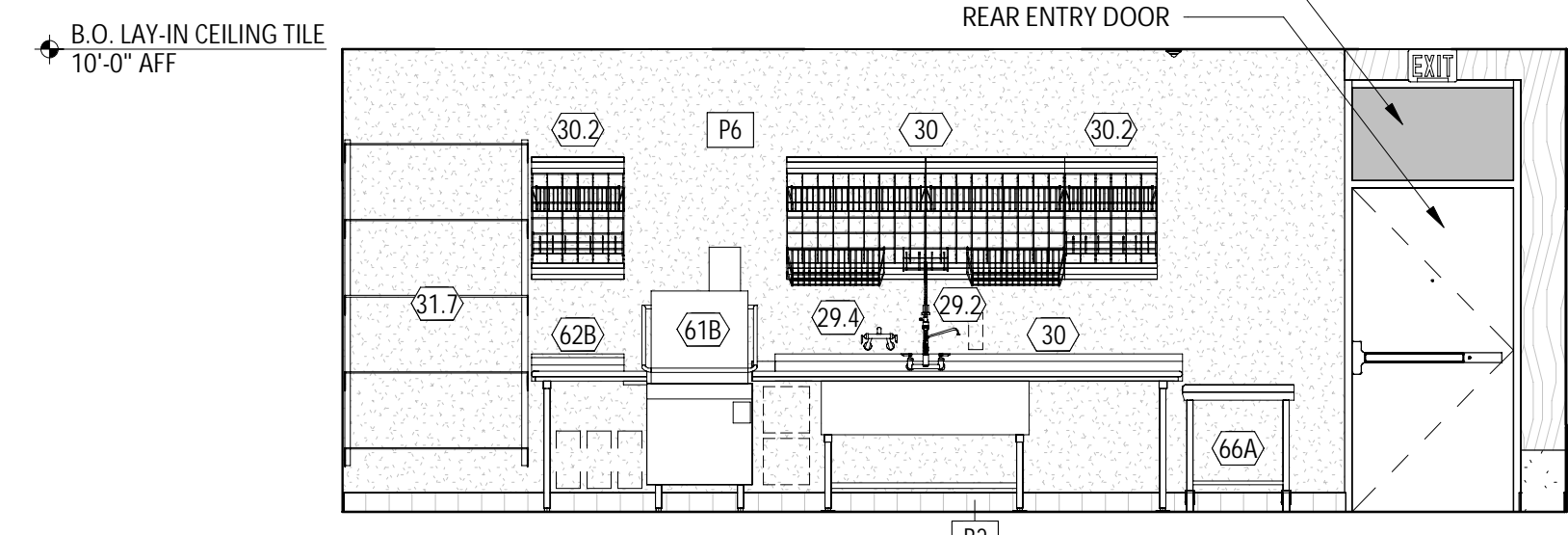
12 INT ELEV - KITCHEN
1/4" = 1'-0"



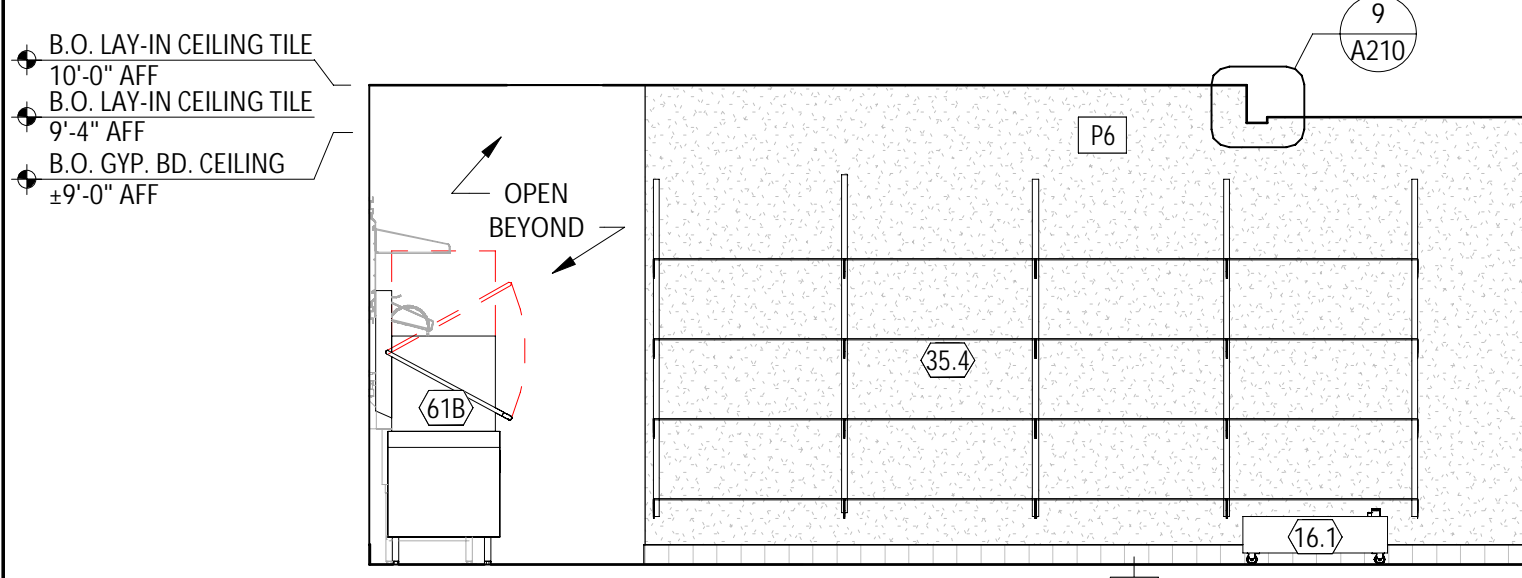
11 INT ELEV - KITCHEN
1/4" = 1'-0"



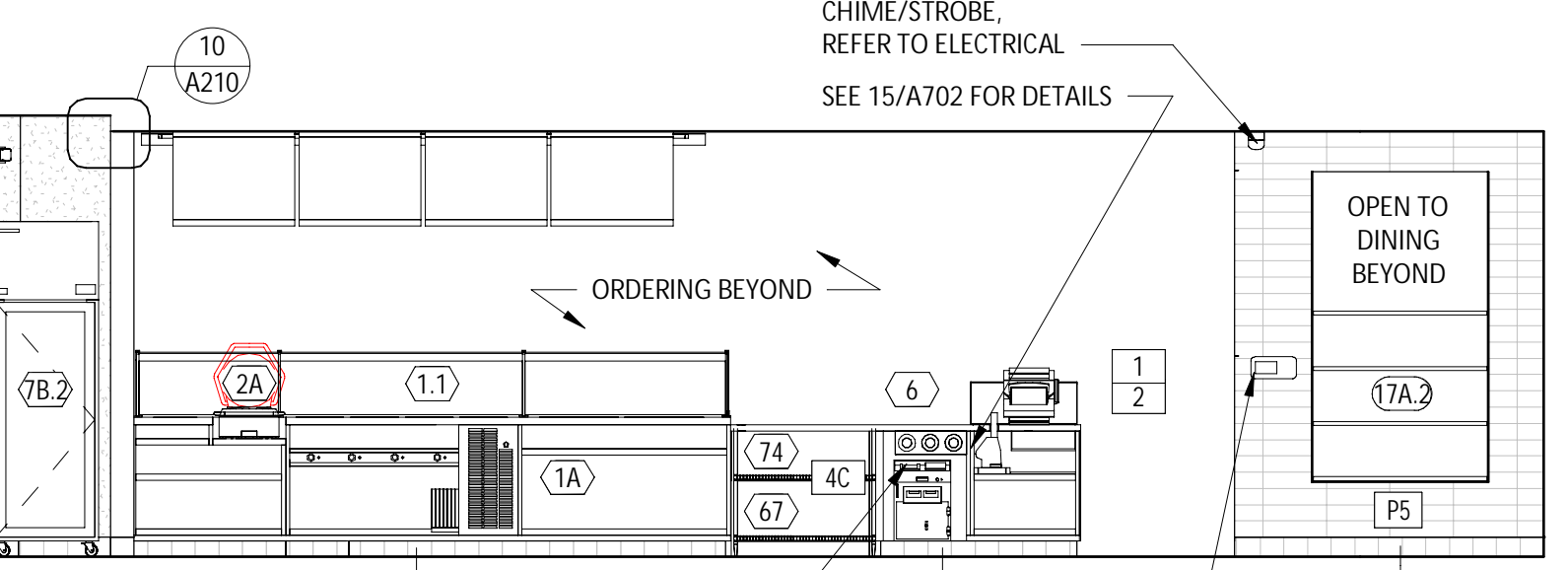
10 INT ELEV - KITCHEN
1/4" = 1'-0"



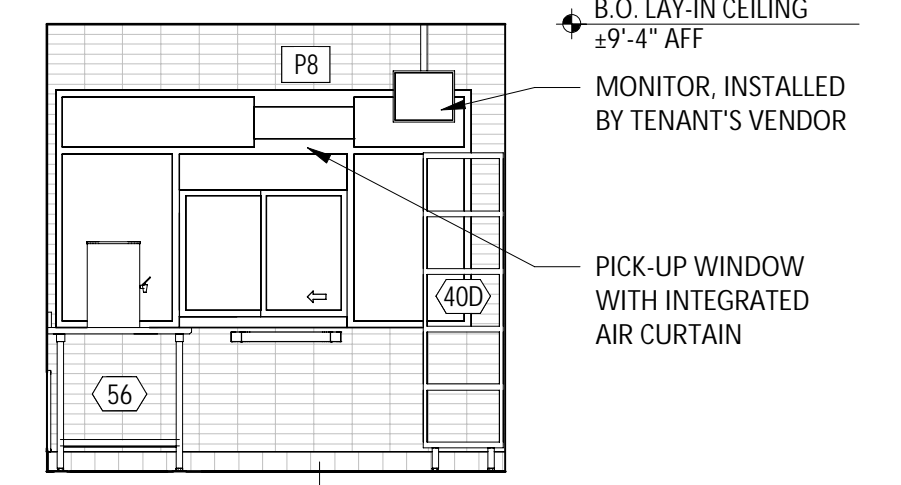
9 INT ELEV - KITCHEN
1/4" = 1'-0"



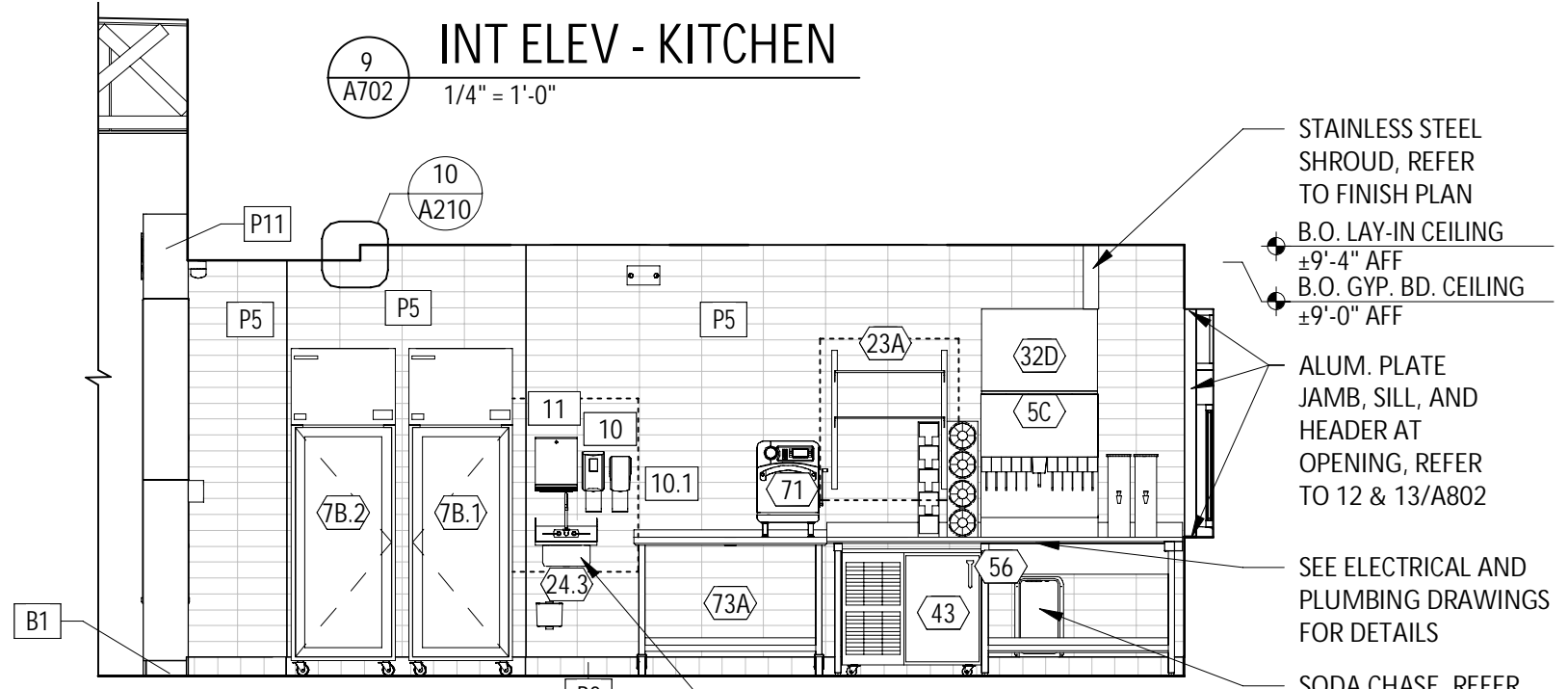
8 INT ELEV - KITCHEN
1/4" = 1'-0"



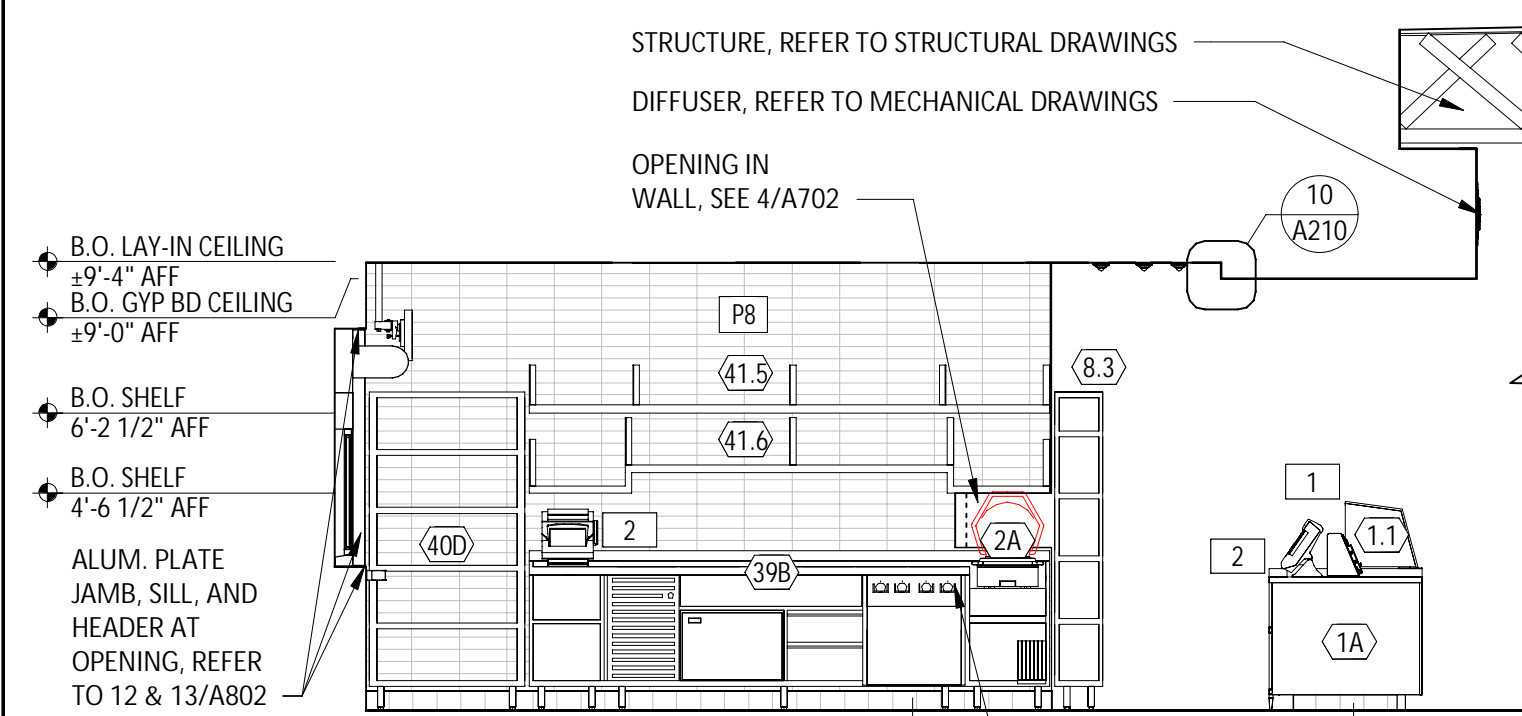
7 INT ELEV - KITCHEN
1/4" = 1'-0"



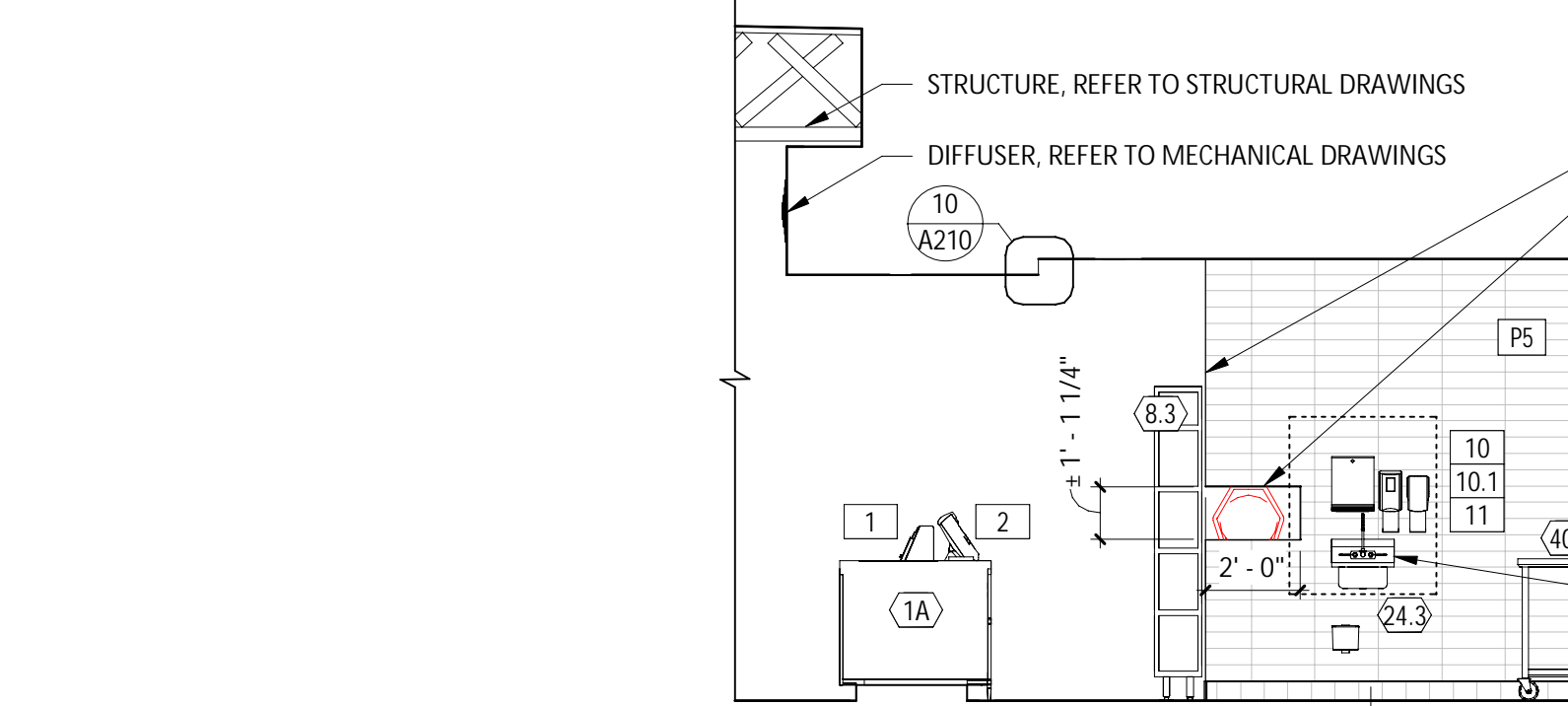
6 INT ELEV - KITCHEN
1/4" = 1'-0"



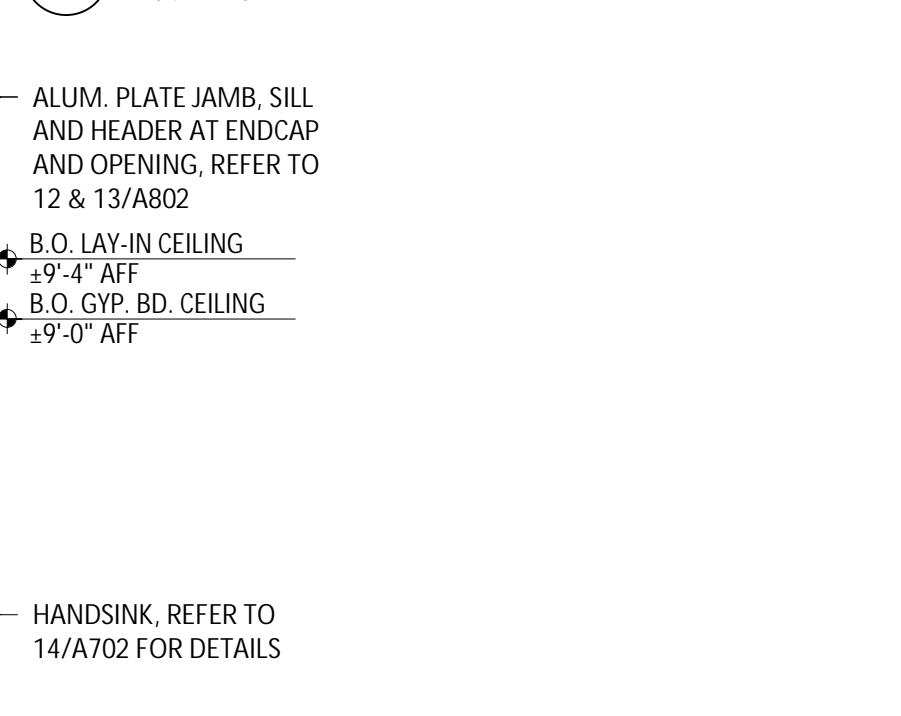
5 INT ELEV - KITCHEN
1/4" = 1'-0"



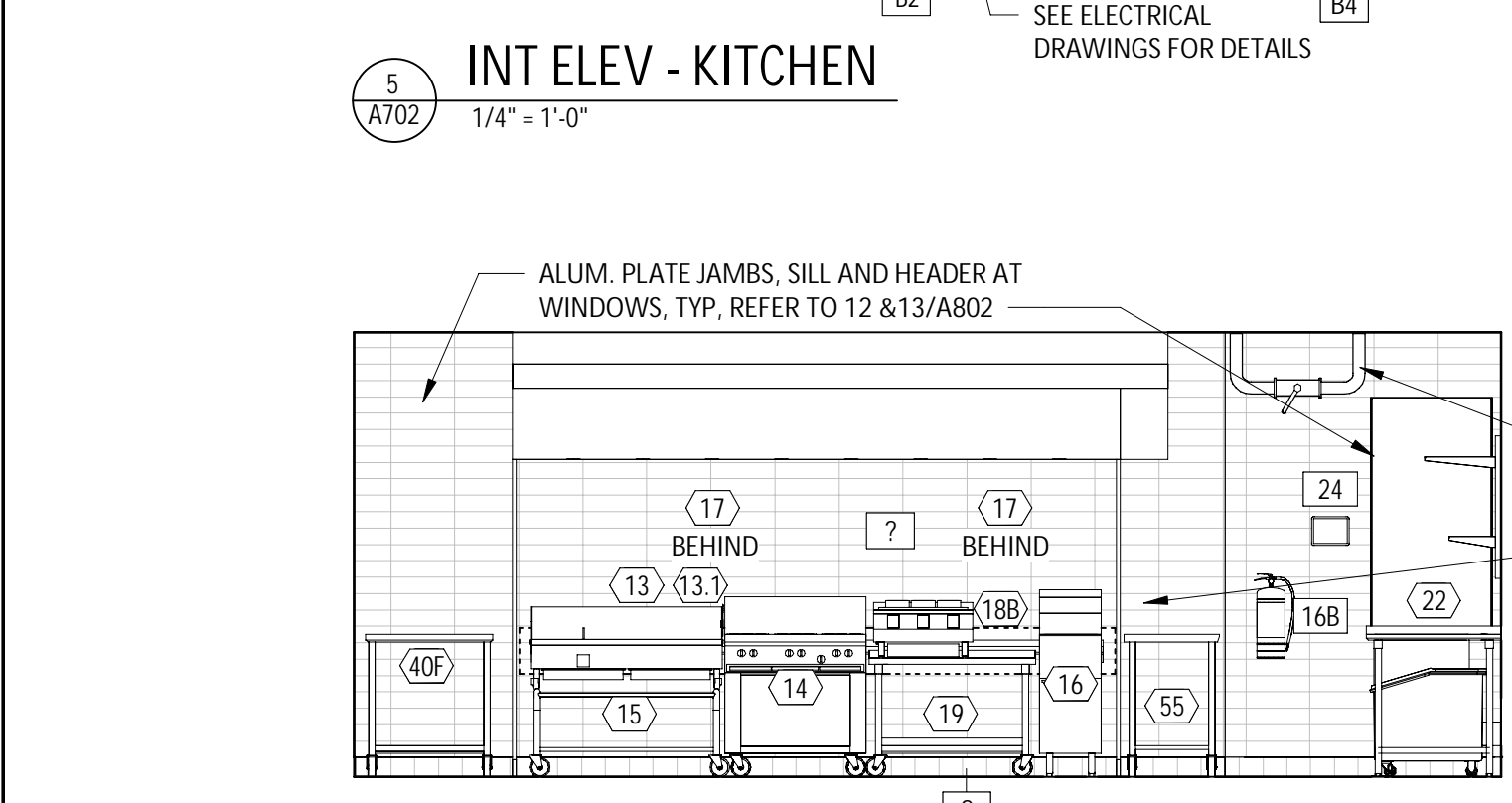
4 INT ELEV - KITCHEN
1/4" = 1'-0"



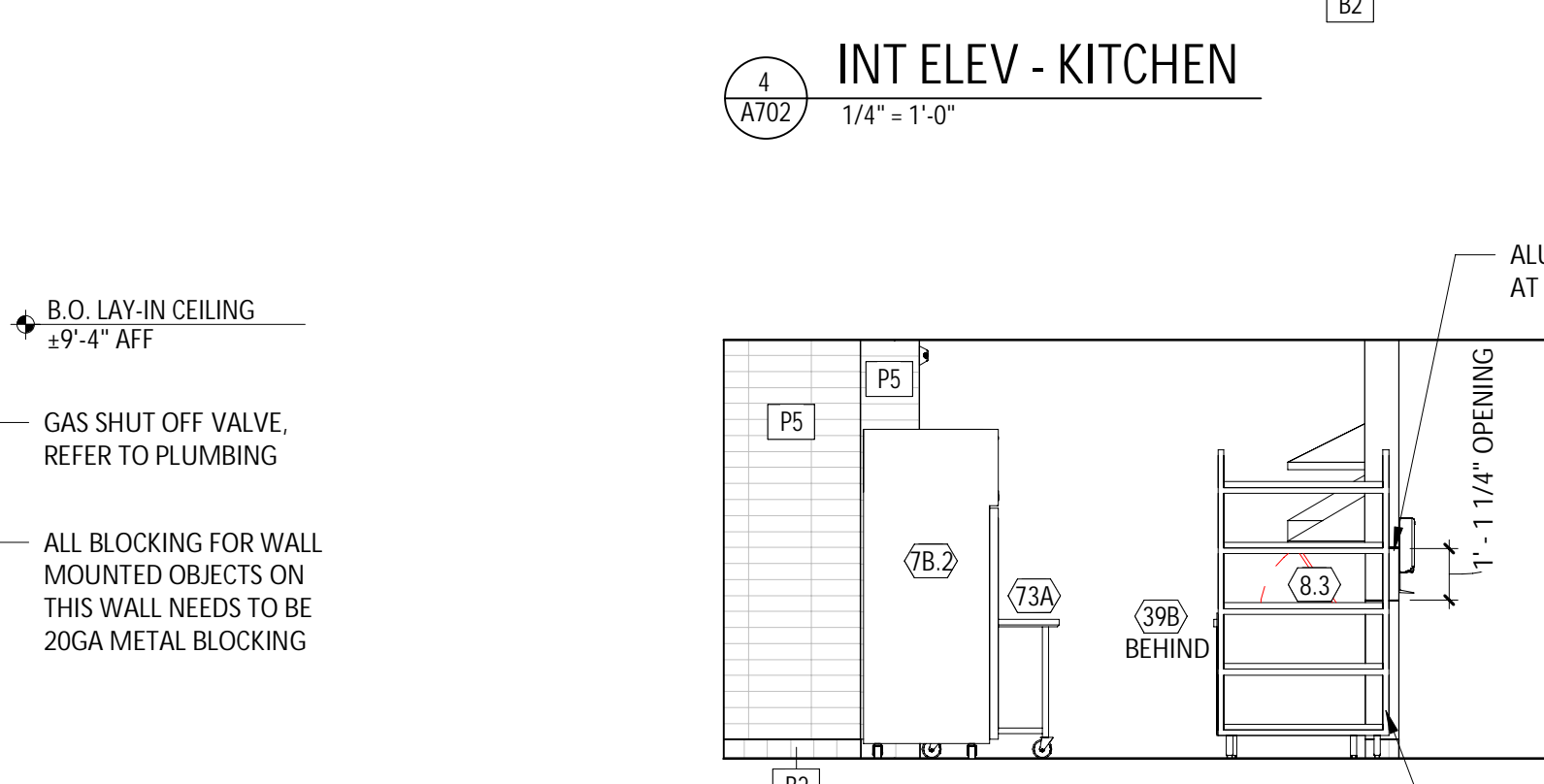
3 INT ELEV - KITCHEN
1/4" = 1'-0"



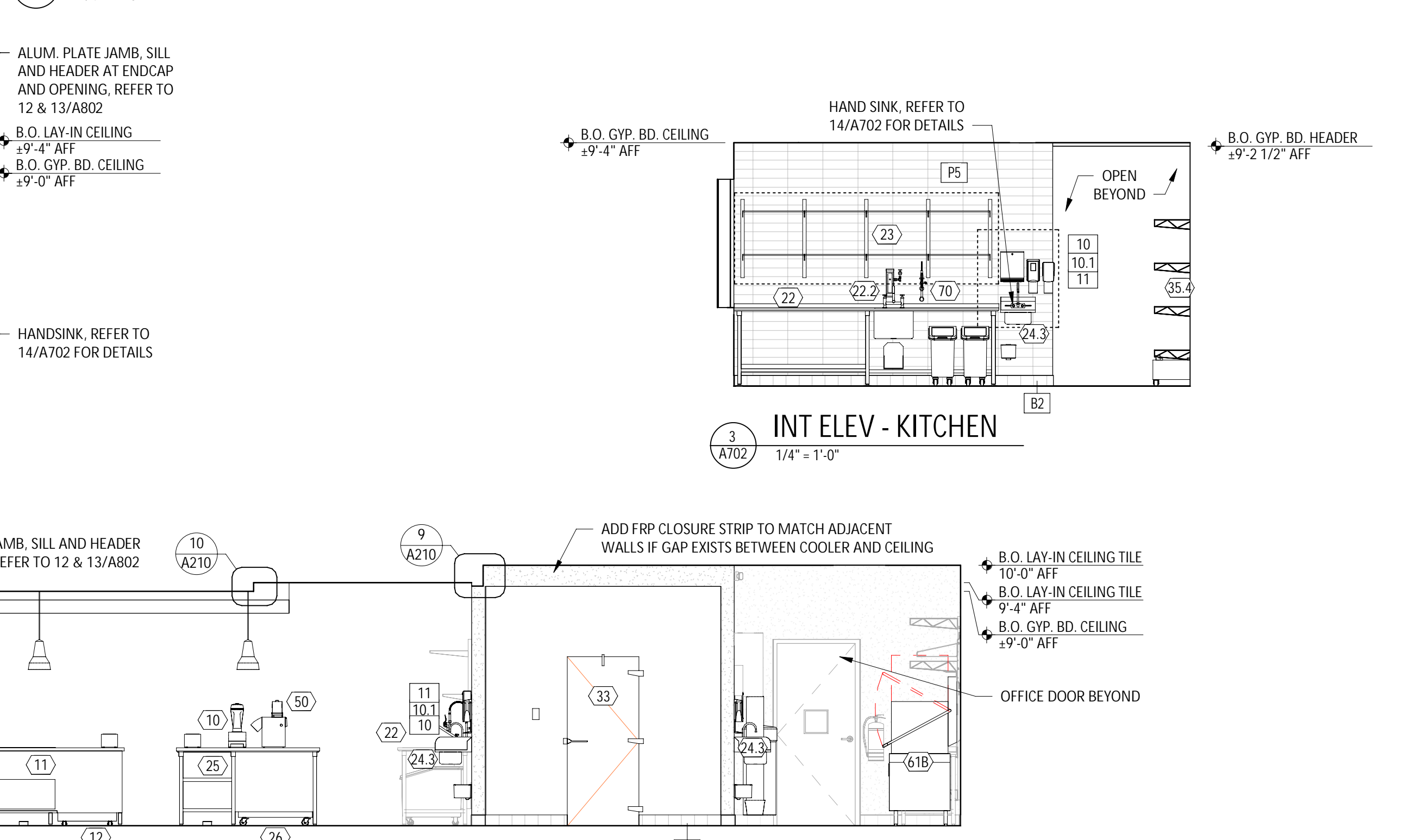
2 INT ELEV - KITCHEN
1/4" = 1'-0"



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



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



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

RESTROOM ACCESSORY SCHEDULE

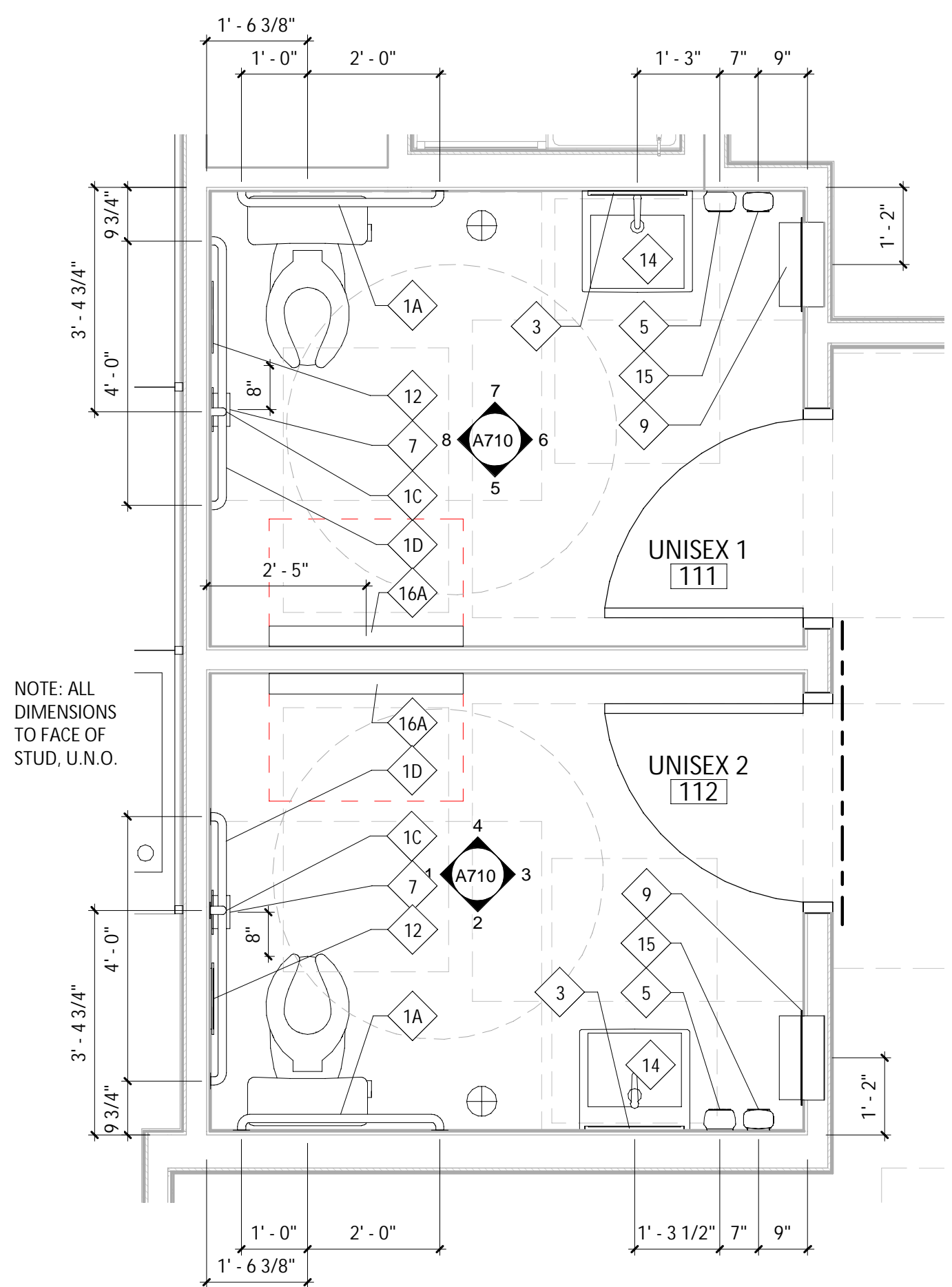
ITEM #	DESCRIPTION	MANUF	MODEL	QTY	PROVIDED BY	INSTALLED BY	UTILITY				MOUNTING HEIGHT	REMARKS
							ELEC	GAS	WATER	SEWER		
1A	Grab Bar - 36in	ASI	3501-36	2	WA	GC					36" AFF to Top of Grasping Surface	Provide Plywood Blocking to Mount to Wall
1C	Grab Bar - 18in	ASI	3501-18	2	WA	GC					40" AFF to Centerline 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	Mirror	ASI	600-B1836	2	WA	GC					Bottom Edge of Reflecting Surface at 40" AFF	Provide Plywood Blocking to Mount to Wall
5	Touch-Free Soap Dispenser	Purell	CS8	2	WA	GC					47 1/2" AFF to Top of Unit	
7	Recessed Toilet Paper Dispenser	ASI	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
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					Align T.O. Unit With T.O. Soap Dispenser	To Be Furnished With .5 GPM Aerator Installed. Thermostatic mixing valve is also included.
15	Hand Sanitizer Dispenser	Purell	ES8	2	WA	GC					Mount Bottom of Open Changing Bed at Exactly 27" AFF	GC to Provide adequate blocking to support the baby changing equipment. Blocking shall be installed in such a manner to not damage or compromise the rated assembly of the existing wall construction
16A	Surface Mounted Horizontal Baby Changing Station	Koala Care	KB200-05	2	WA	GC						

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 SOLID FRT WOOD BLOCKING AS NECESSARY FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS. SEE SHEET G002 FOR ACCESSIBILITY GUIDELINES & MOUNTING HEIGHT REQUIREMENTS.
- REFER TO A120 FOR FINISH SCHEDULE.
- REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

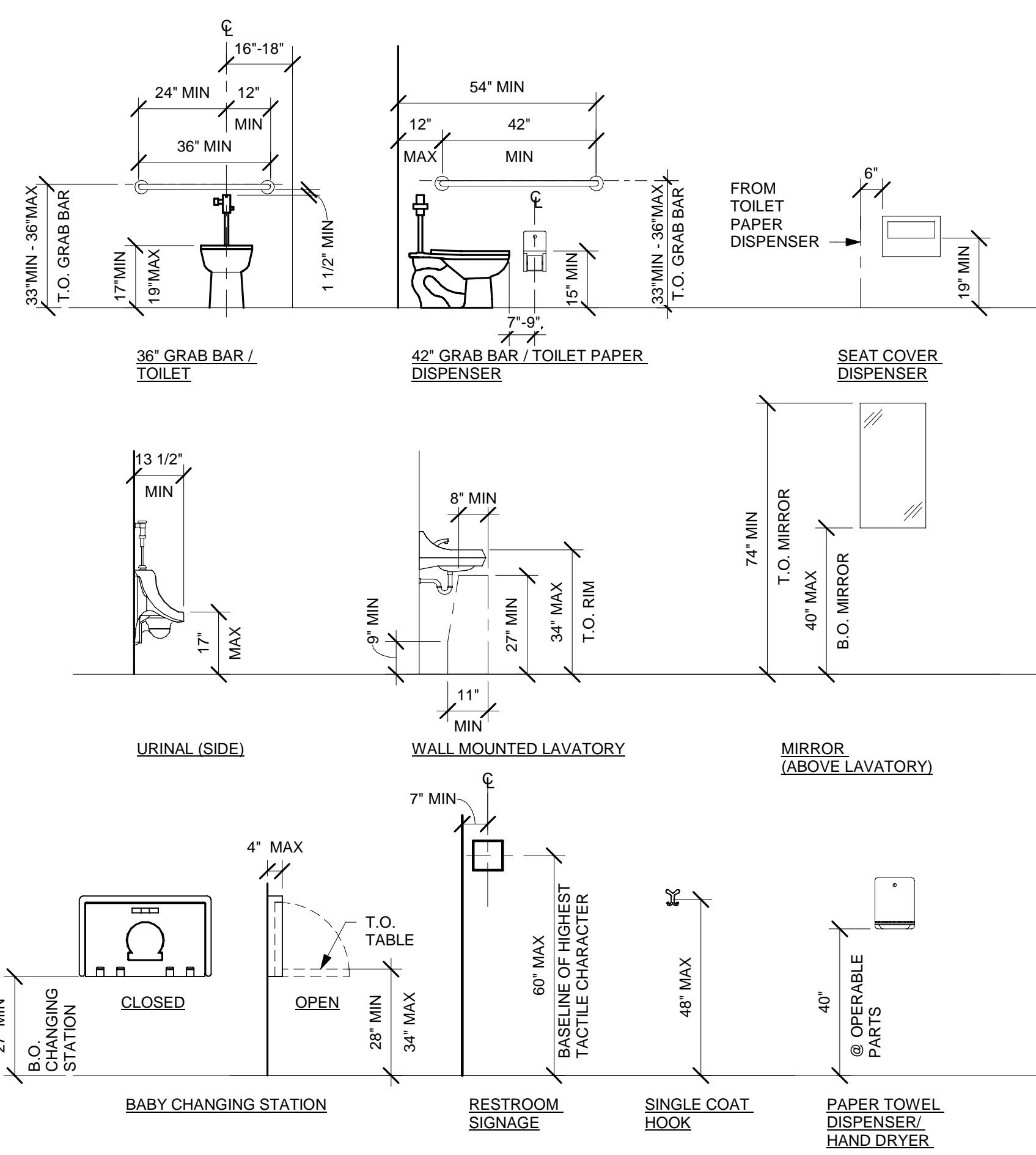
ELEVATION LEGEND

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



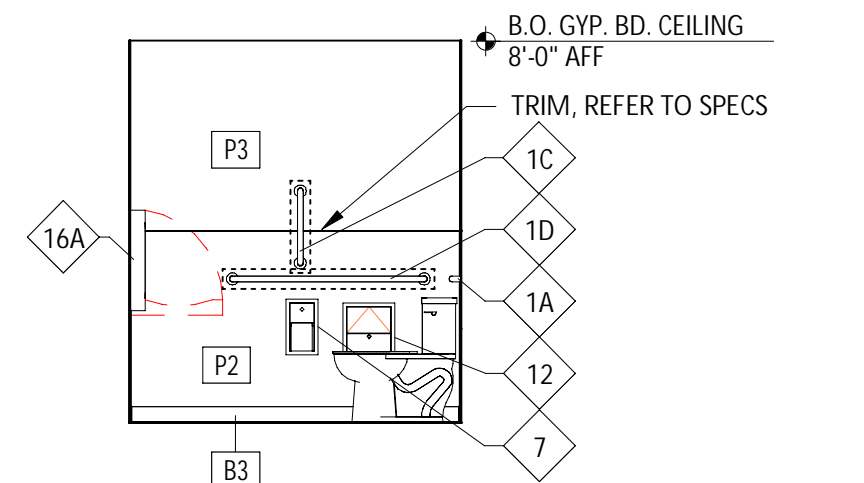
ENLARGED PLAN

1/2" = 1'-0"

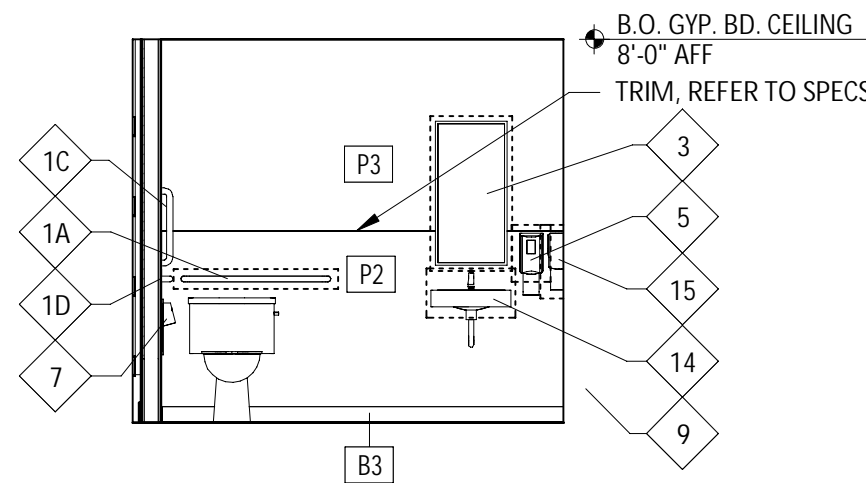


ACCESSIBLE FIXTURE MOUNTING

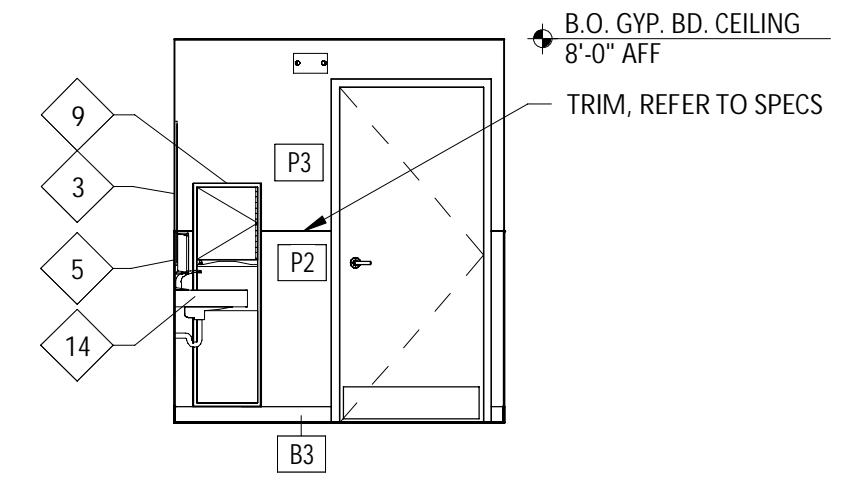
3/8" = 1'-0"



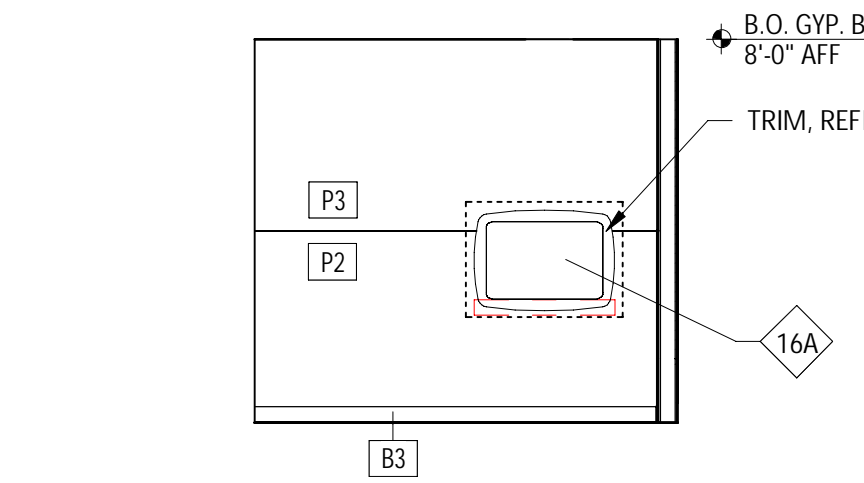
UNISEX 1 RESTROOM - ELEV



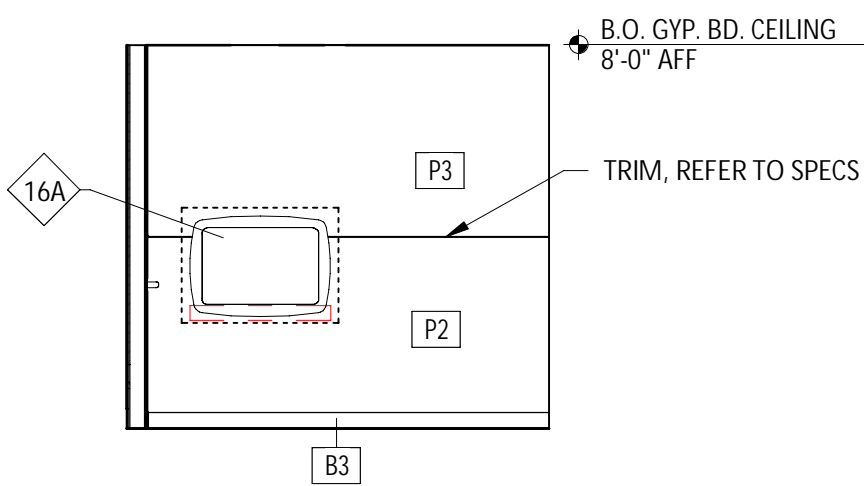
UNISEX 1 RESTROOM - ELEV



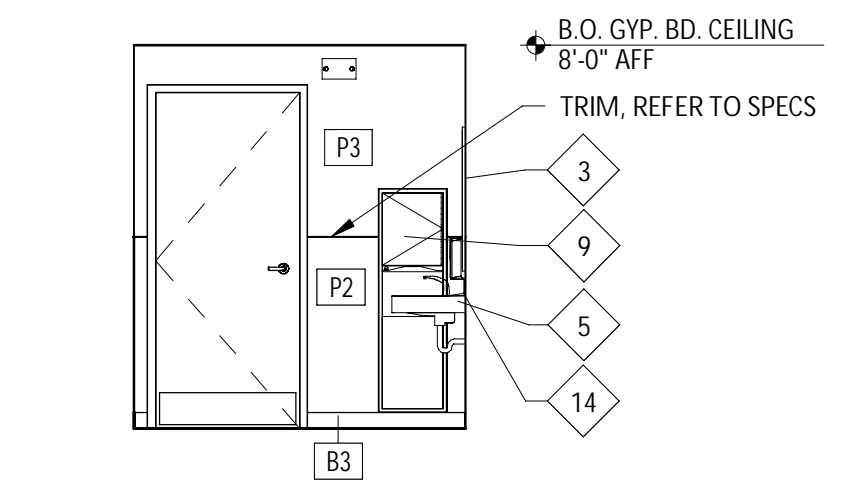
UNISEX 1 RESTROOM - ELEV



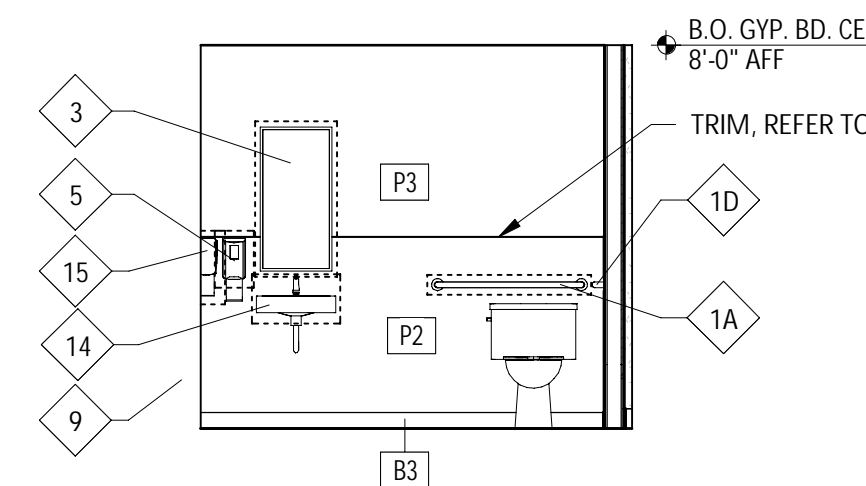
UNISEX 1 RESTROOM - ELEV



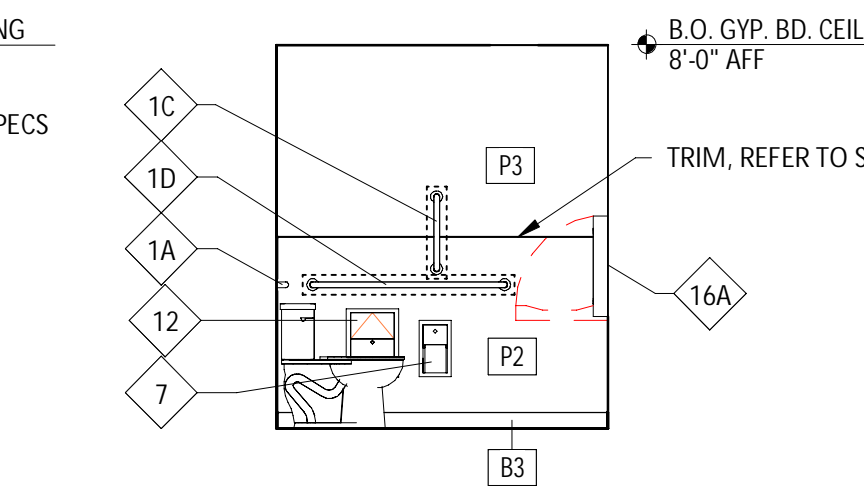
UNISEX 2 RESTROOM - ELEV



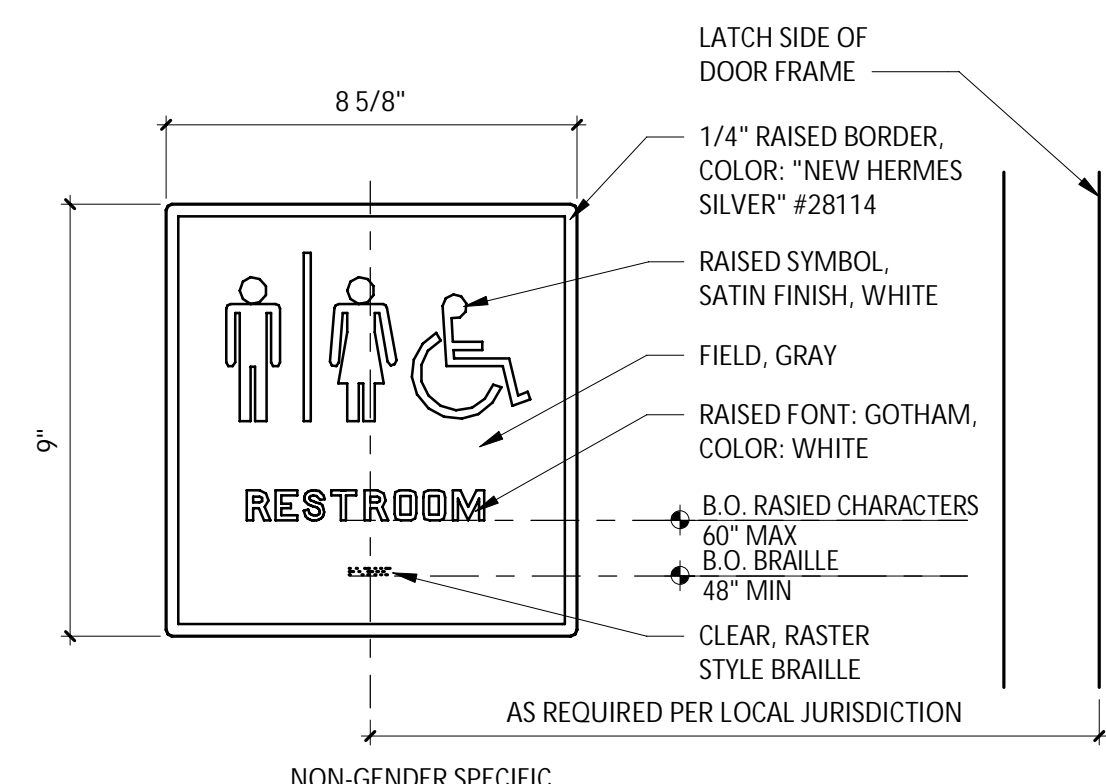
UNISEX 2 RESTROOM - ELEV



UNISEX 2 RESTROOM - ELEV



UNISEX 2 RESTROOM - ELEV



TYP WASHROOM SIGN

3\"/>

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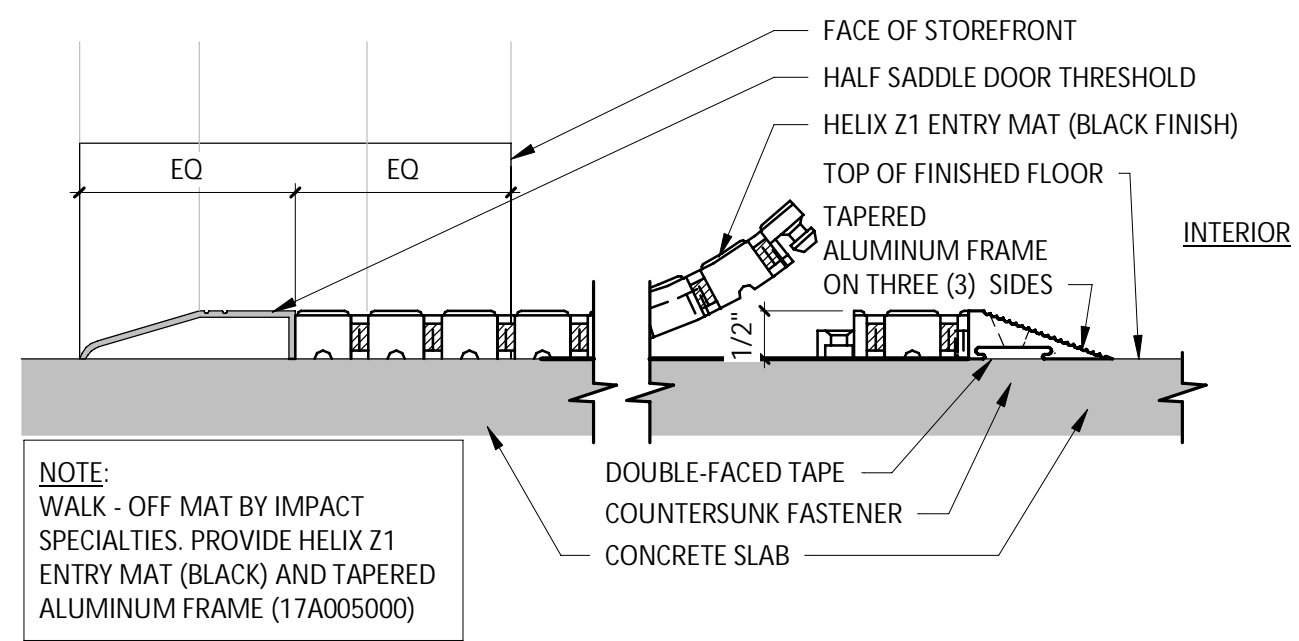
Drawn: O. SORIANO
Checked: T. GRANDORF

Project No:
CMG #4951

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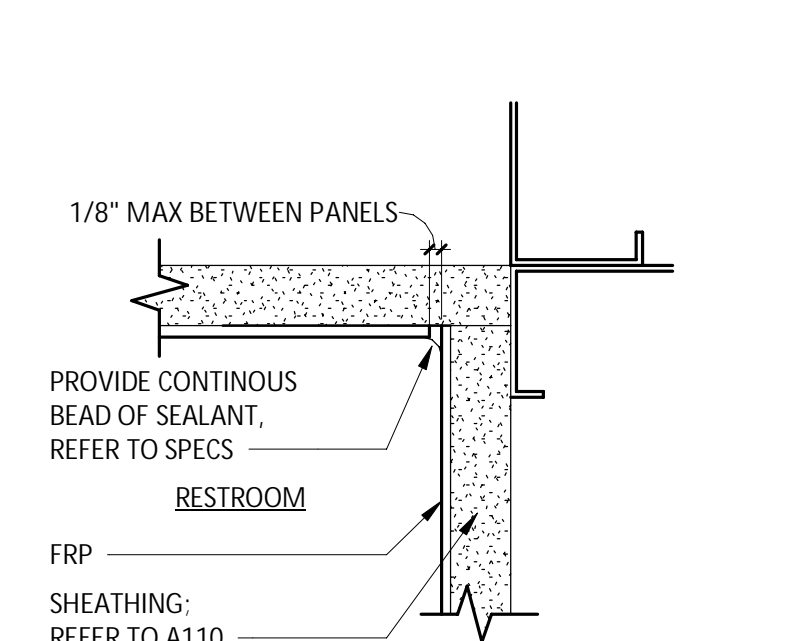
RESTROOM DETAILS

A710

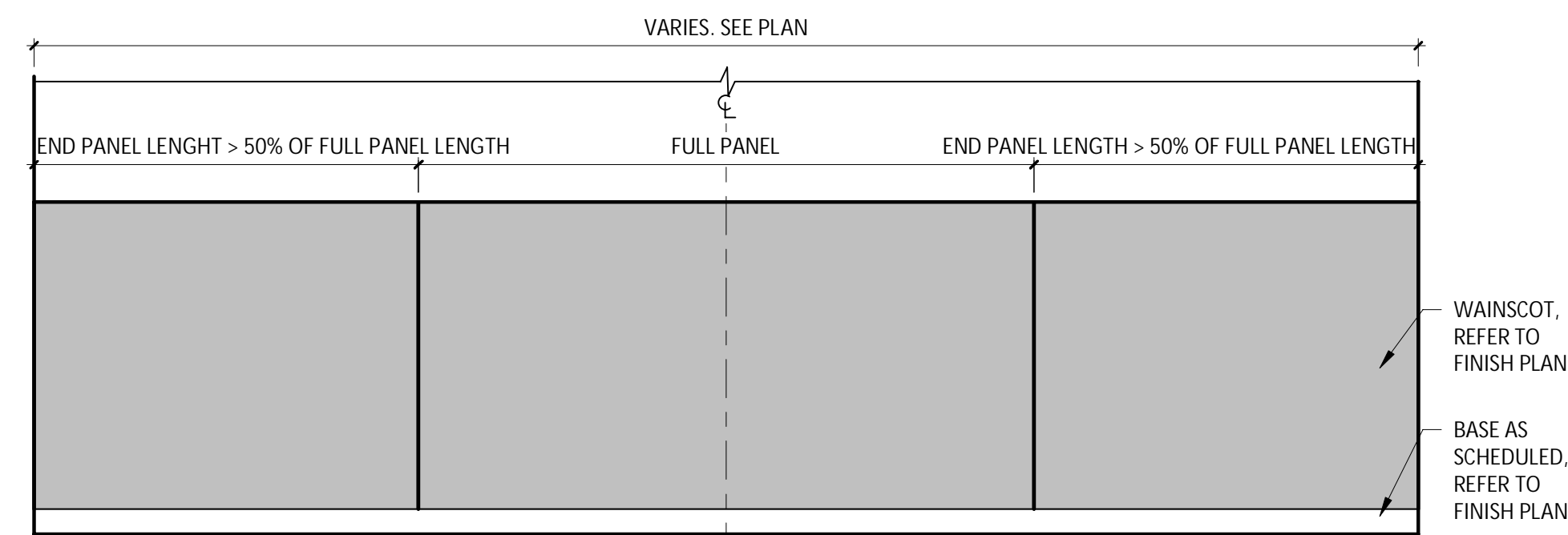


NOTE:
WALK-OFF MAT BY IMPACT SPECIALTIES. PROVIDE HELIX Z1 ENTRY MAT (BLACK) AND TAPERED ALUMINUM FRAME (17A005000)

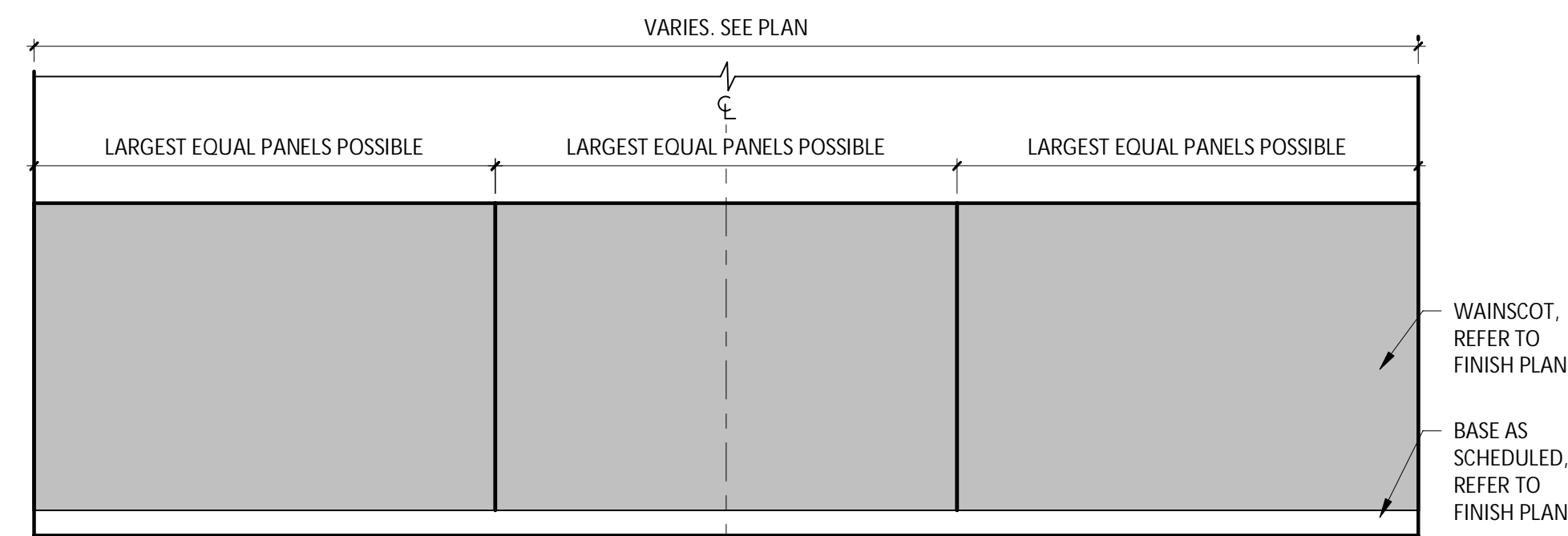
21 A801 WALK-OFF MAT DETAIL SURFACE MOUNTED
6" = 1'-0"



20 A801 PLAN - RR FRP INSIDE CORNER
6" = 1'-0"

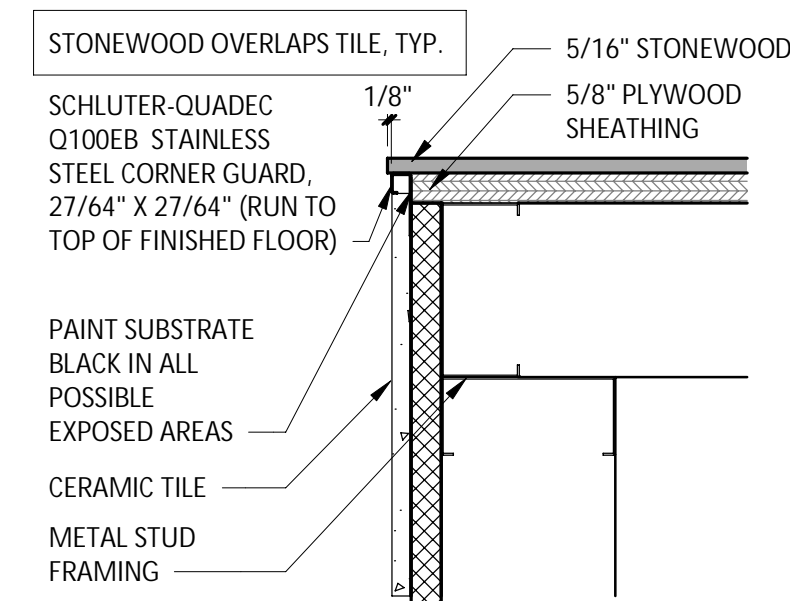


CENTERED LAYOUT - PREFERRED LAYOUT



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

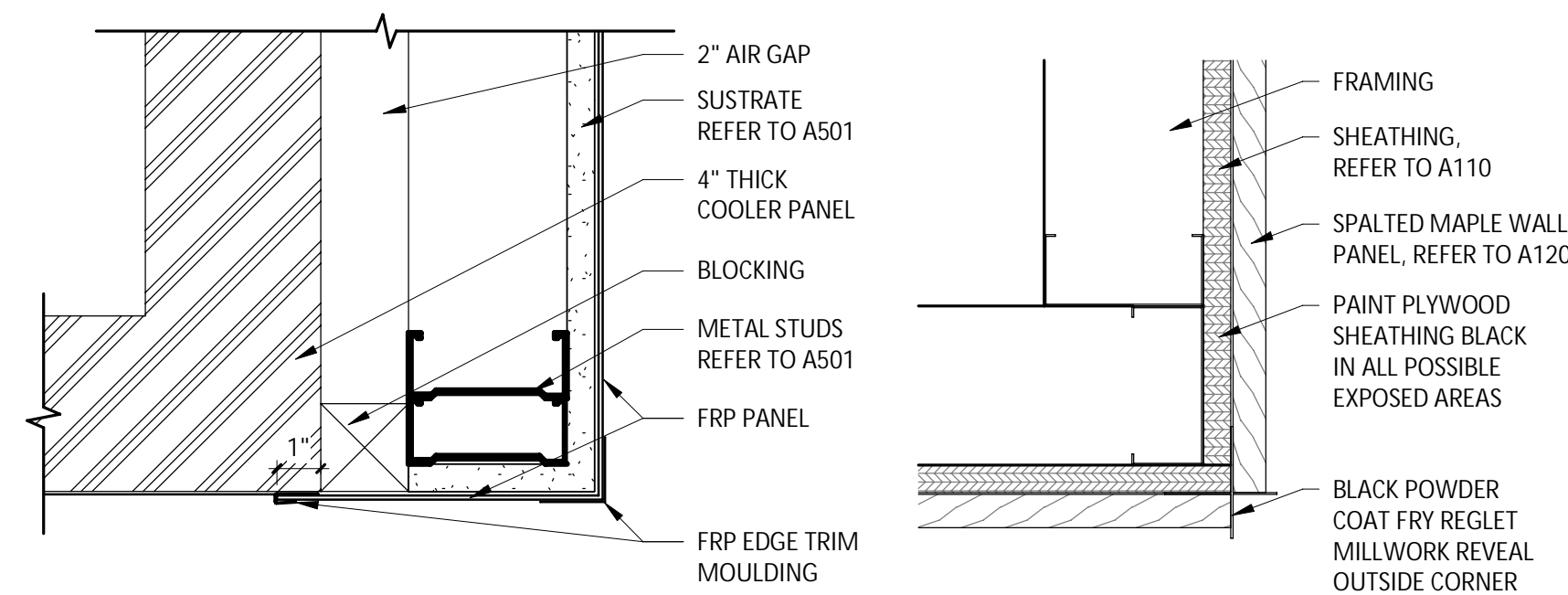
16 A801 WAINSCOT LAYOUT
1/2" = 1'-0"



11 A801 PLAN - STONWOOD TO TILE CORNER
3" = 1'-0"

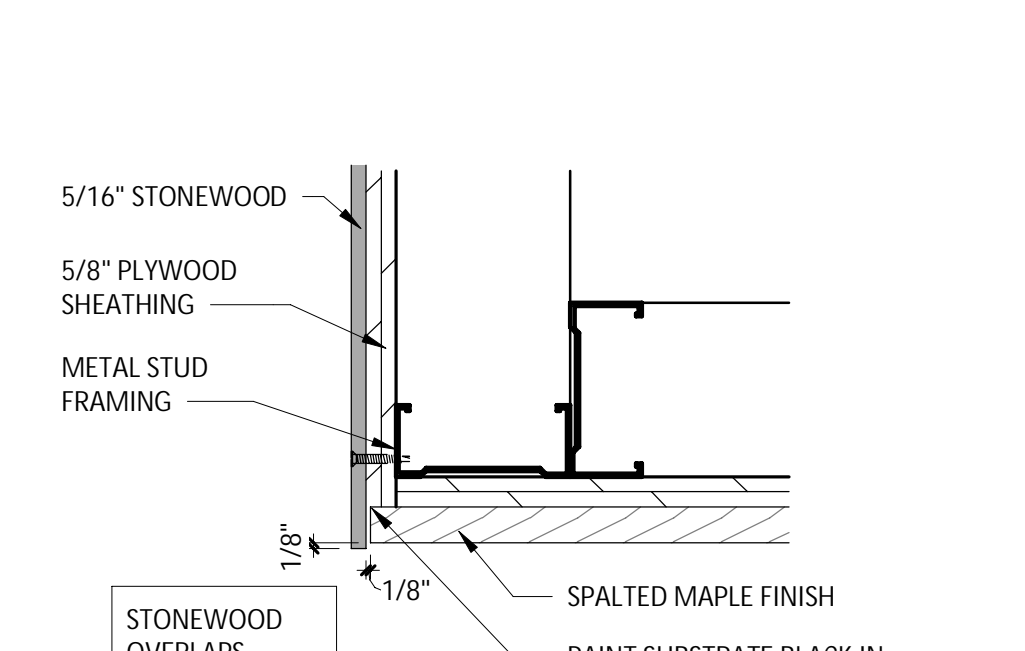
10 A801 NOT USED
N.T.S.

15 A801 NOT USED
N.T.S.

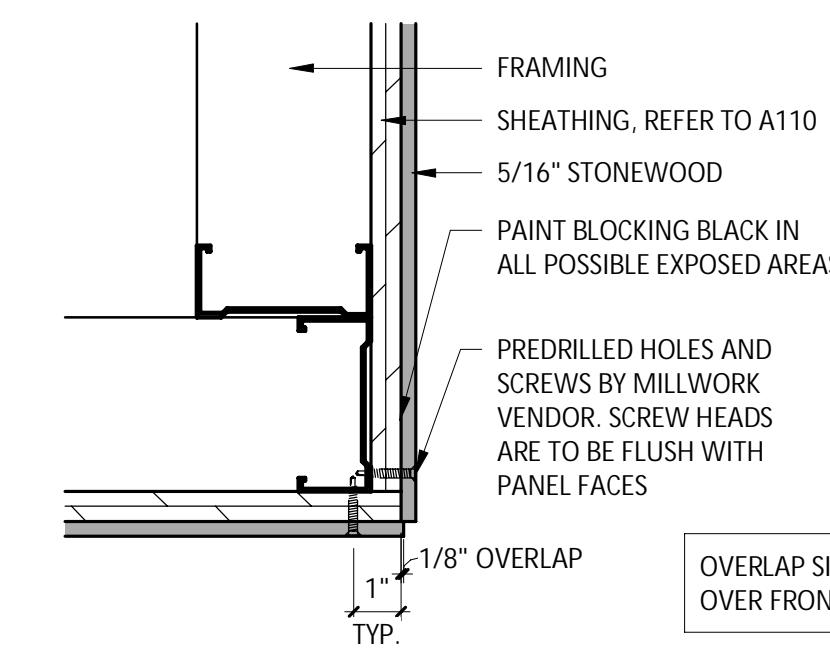


14 A801 PLAN - FRP CLOSER @ COOLER
3" = 1'-0"

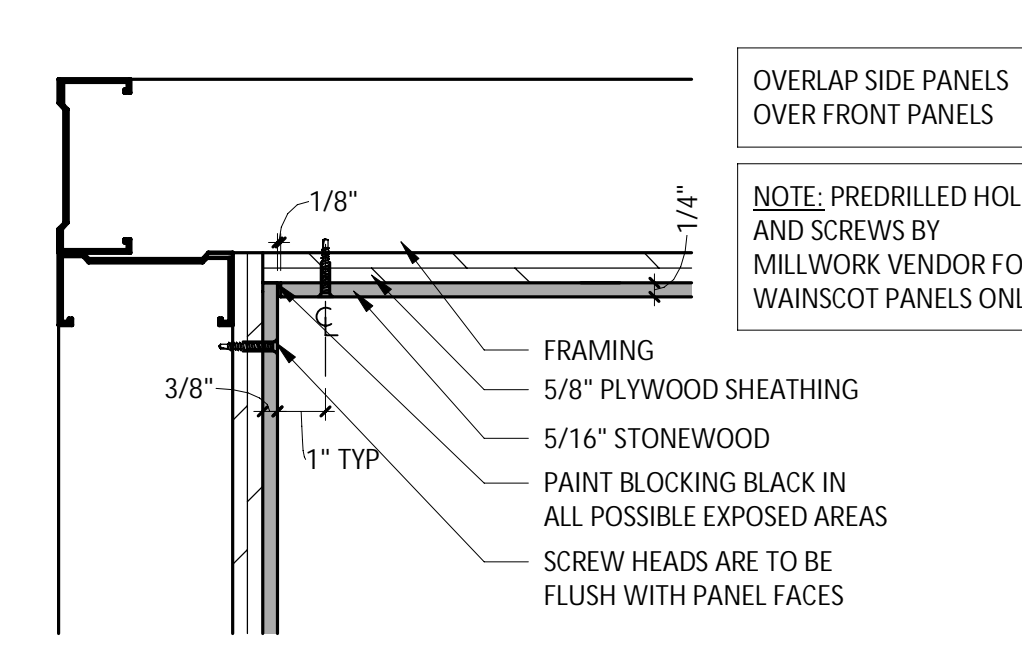
13 A801 PLAN - WOOD TO WOOD CORNER
3" = 1'-0"



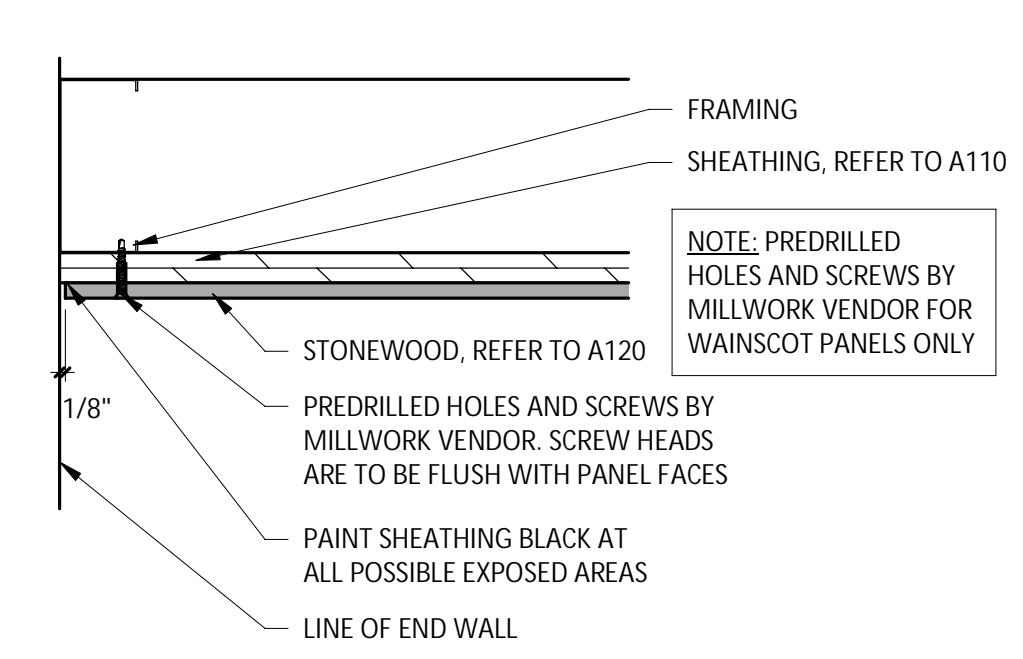
12 A801 PLAN - WOOD TO STONWOOD CORNER
3" = 1'-0"



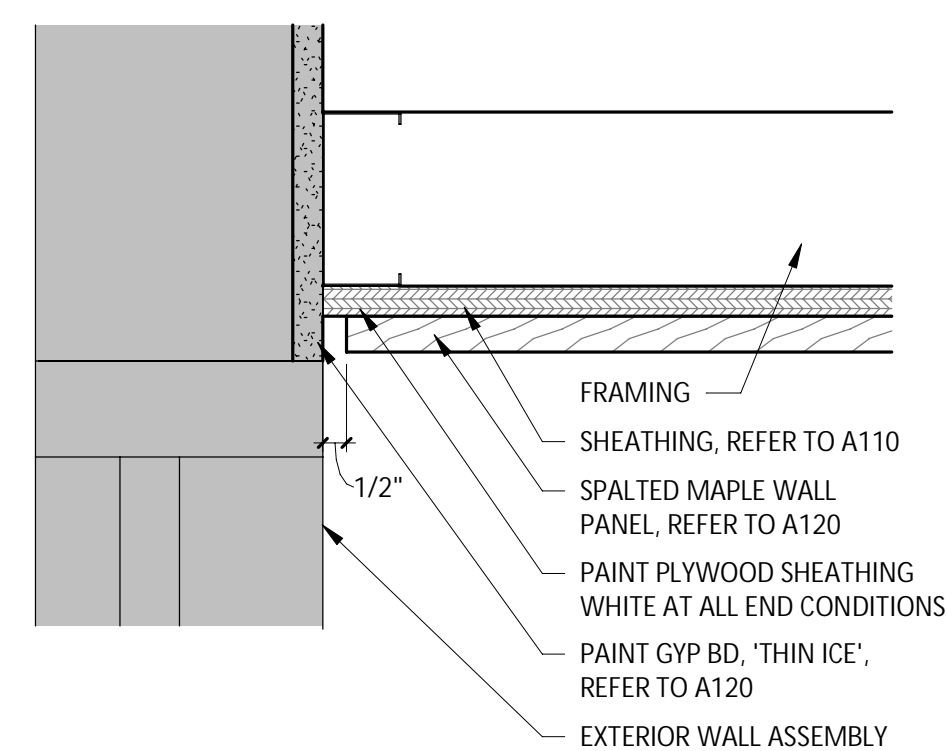
9 A801 PLAN - STONWOOD CORNER @ WAINSCOT
3" = 1'-0"



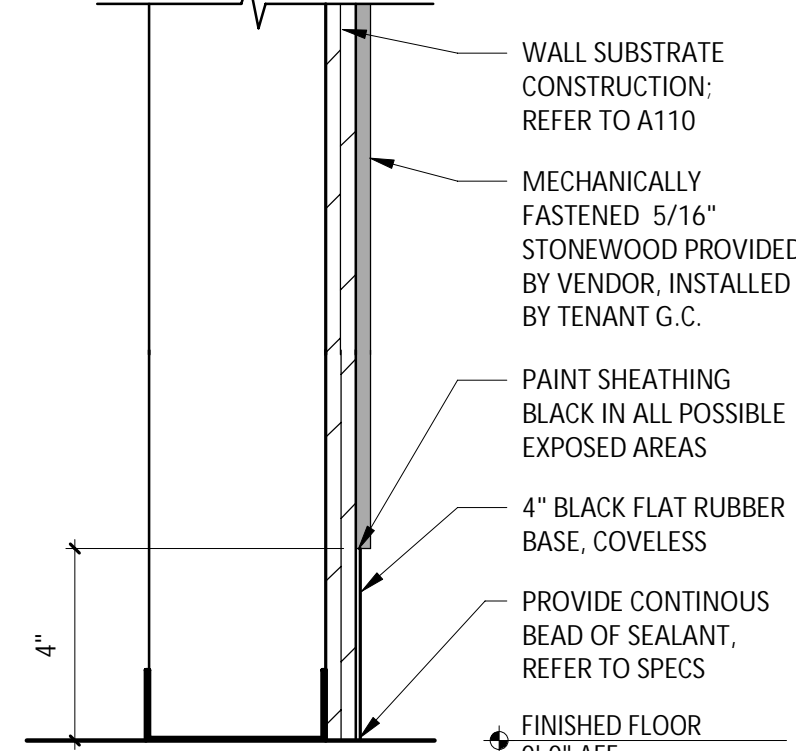
8 A801 PLAN - STONWOOD INSIDE CORNER
3" = 1'-0"



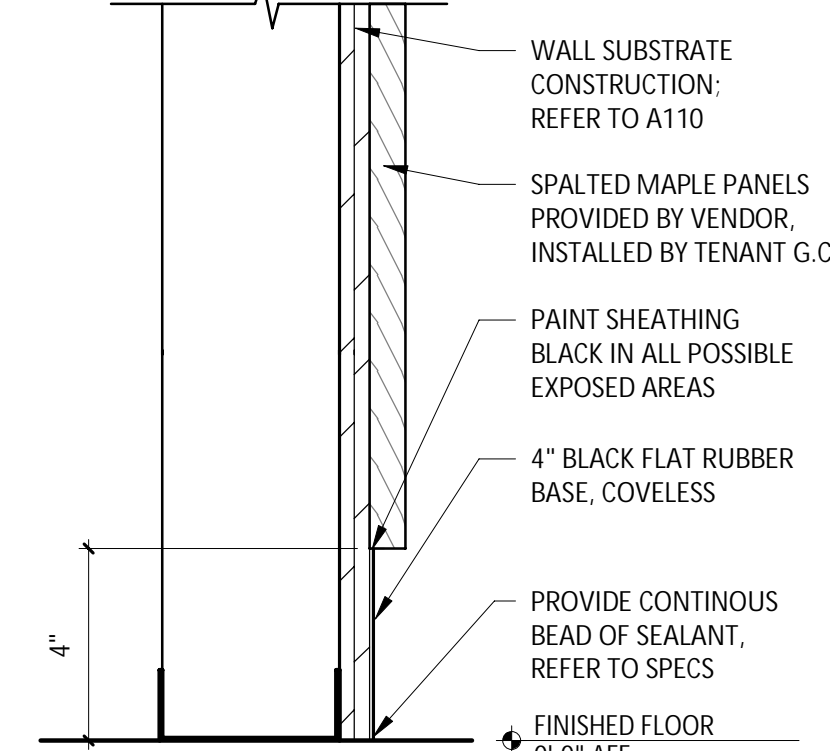
7 A801 PLAN - STONWOOD END CONDITION
3" = 1'-0"



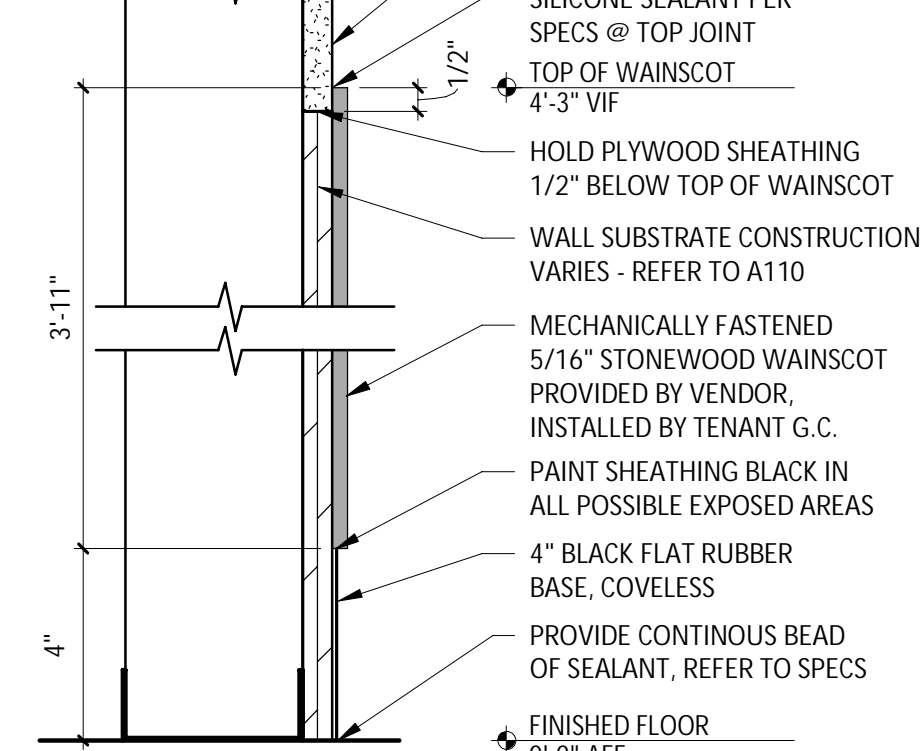
6 A801 PLAN - WOOD END CONDITION
3" = 1'-0"



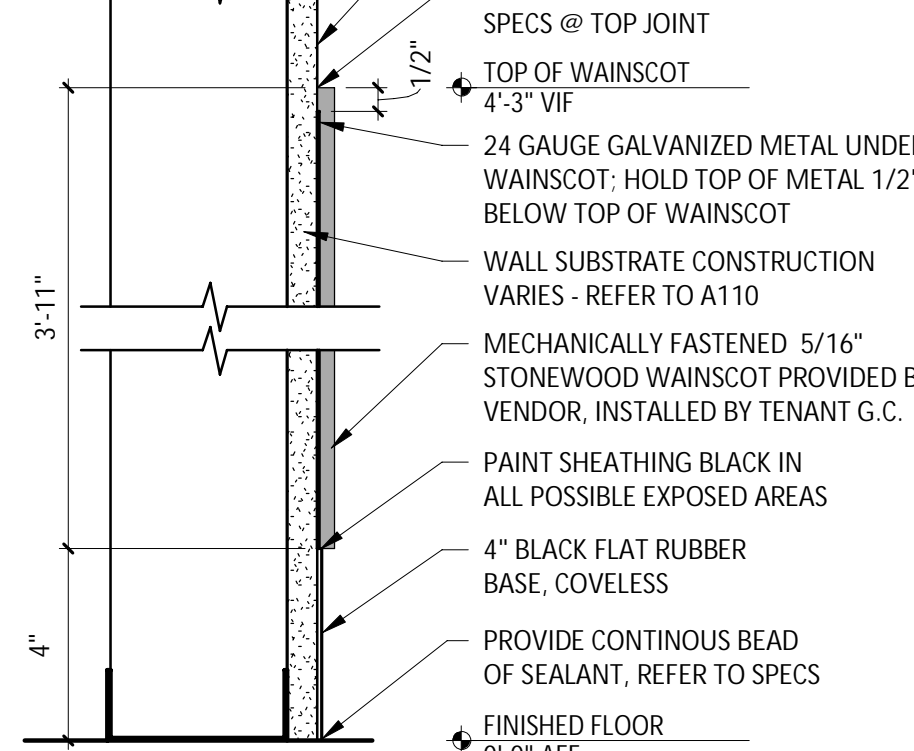
5 A801 SECTION @ STONWOOD
3" = 1'-0"



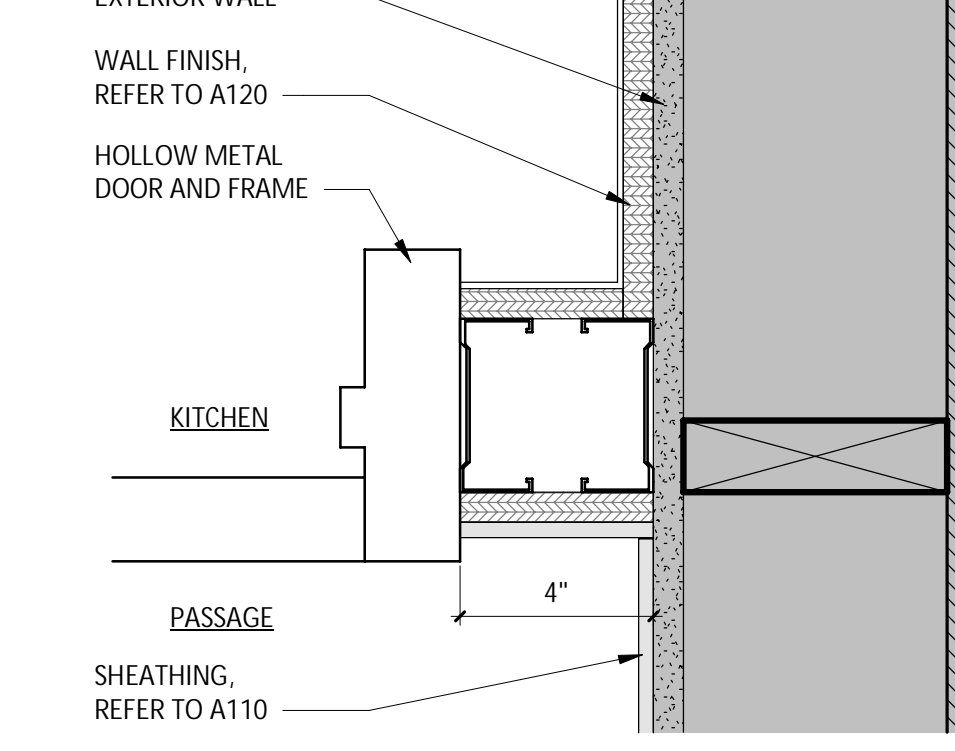
4 A801 SECTION @ SPALTED MAPLE
3" = 1'-0"



3 A801 SECTION @ WAINSCOT
3" = 1'-0"

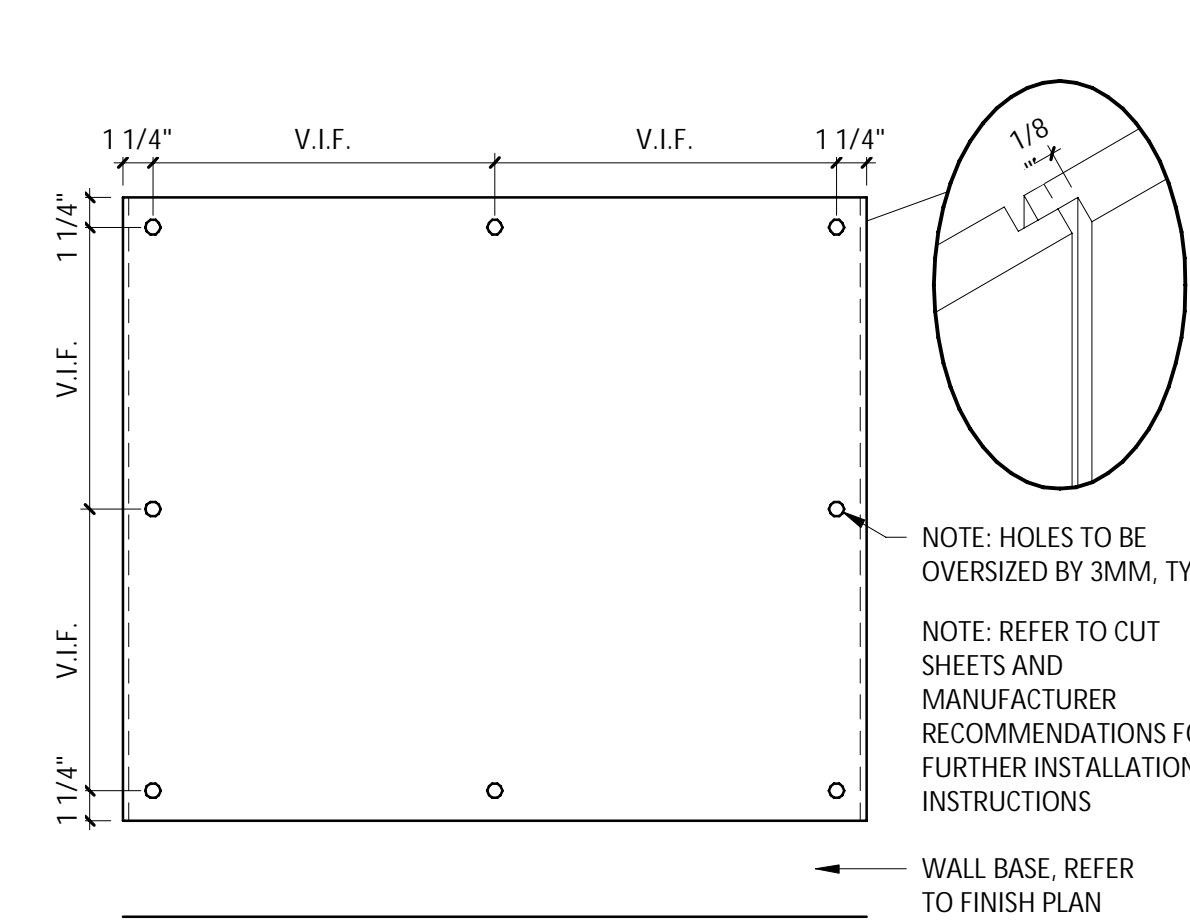


2 A801 SECTION @ WAINSCOT
3" = 1'-0"

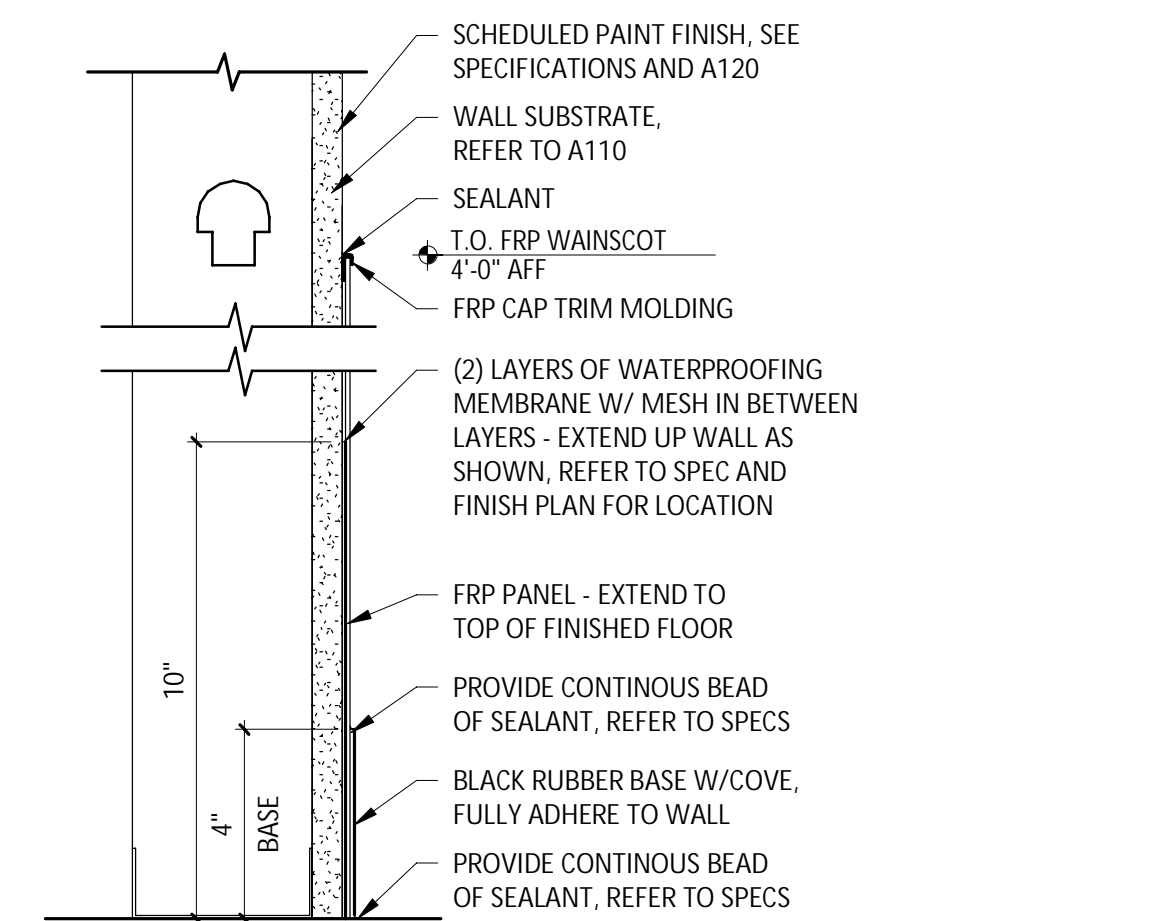


1 A801 PLAN - DOOR JAMB
3" = 1'-0"

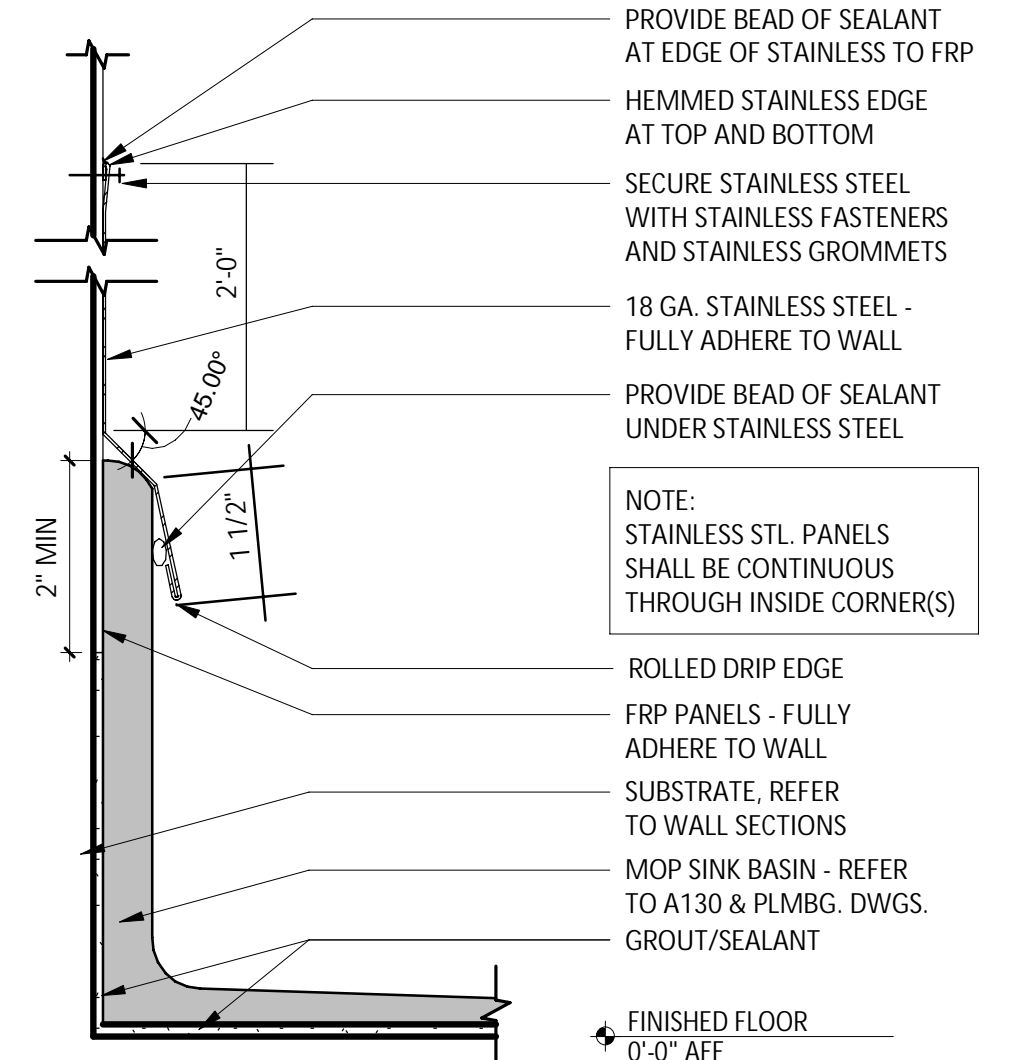
NOTE: ALL CONCEALED WOOD TO BE FRT RATED



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



18 A801 SECTION @ RR FRP WAINSCOT W/RUBBER BASE
3" = 1'-0"



17 A801 SECTION @ MOP SINK
6" = 1'-0"

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10/20/2023 PERMIT SET

Revisions:

Drawn: O. SORIANO Checked: T. GRANDORF

Project No.
CMG #4951

Contents:

FINISH DETAILS

A801

GENERAL NOTES

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

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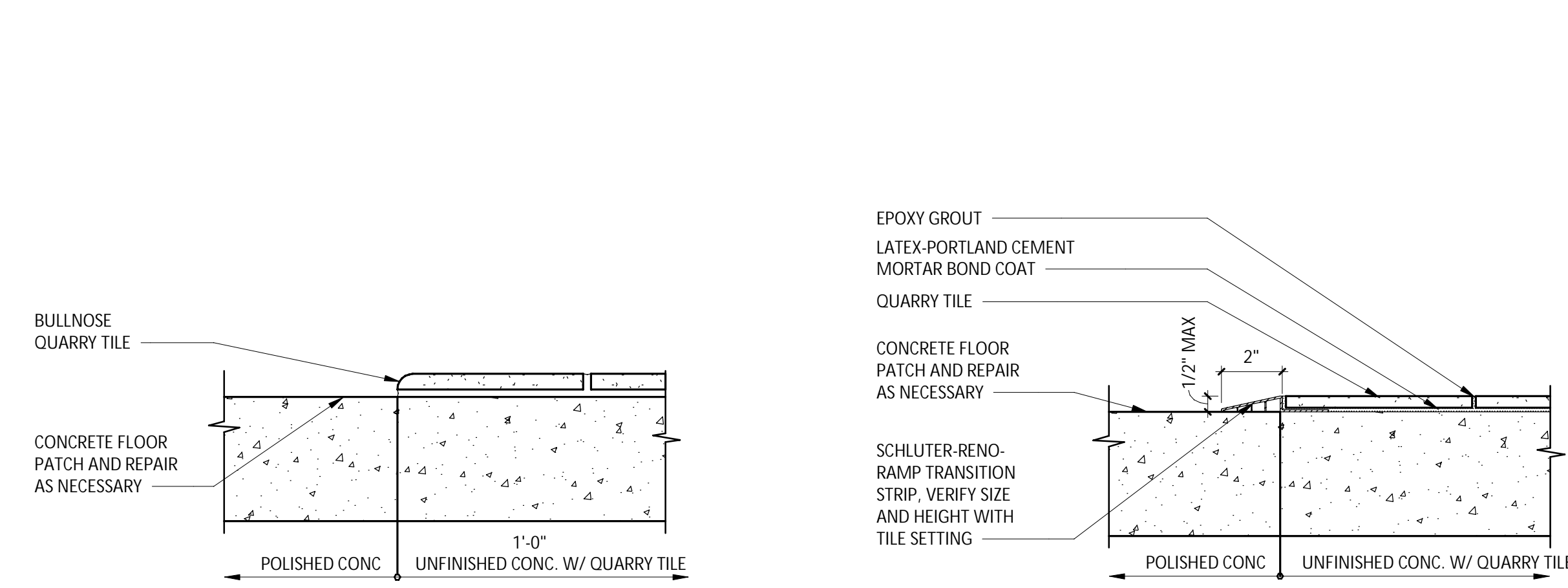
Drawn: O. SORIANO Checked: T. GRANDORF

Project No. CMG #4951

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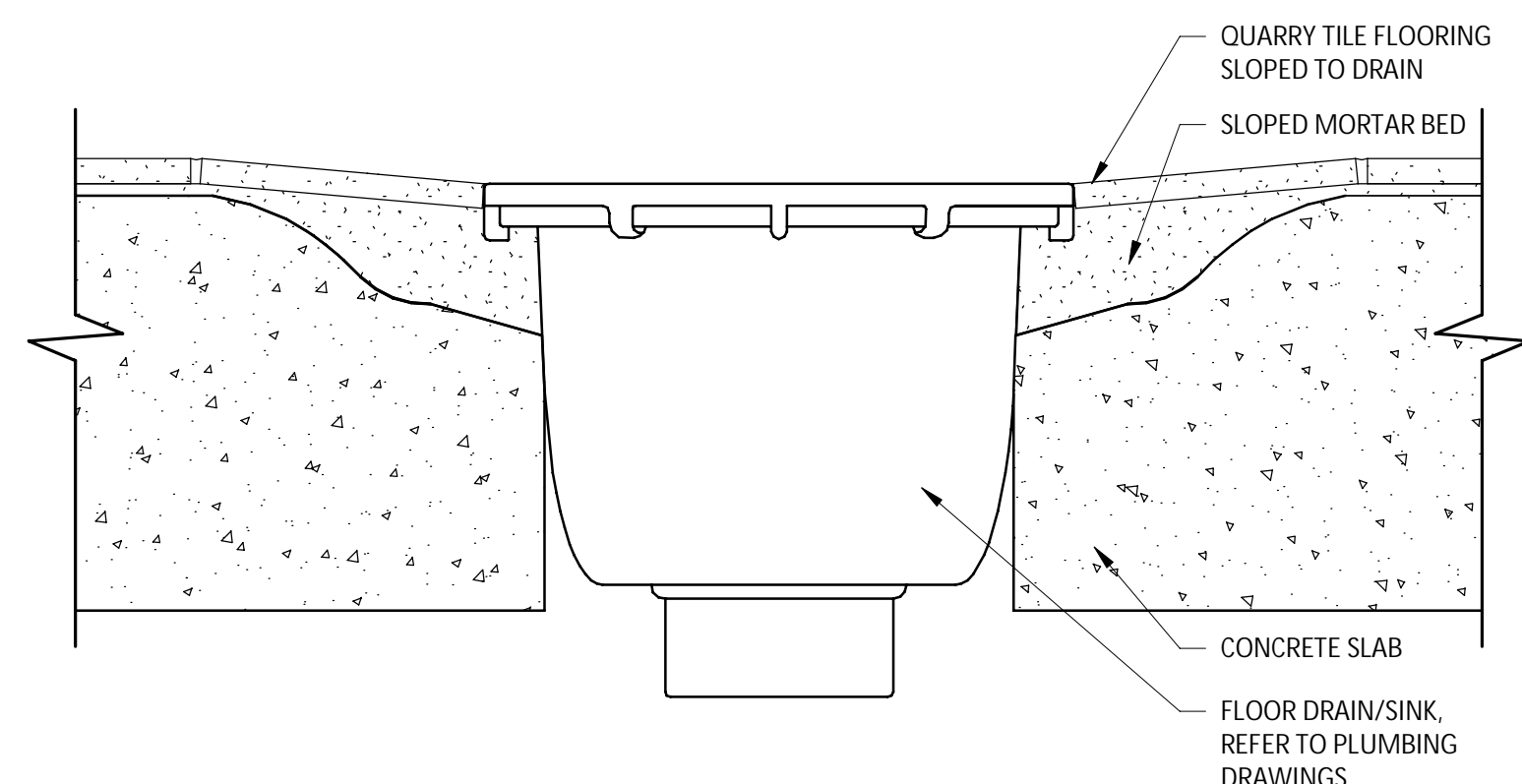
TILE DETAILS

A802

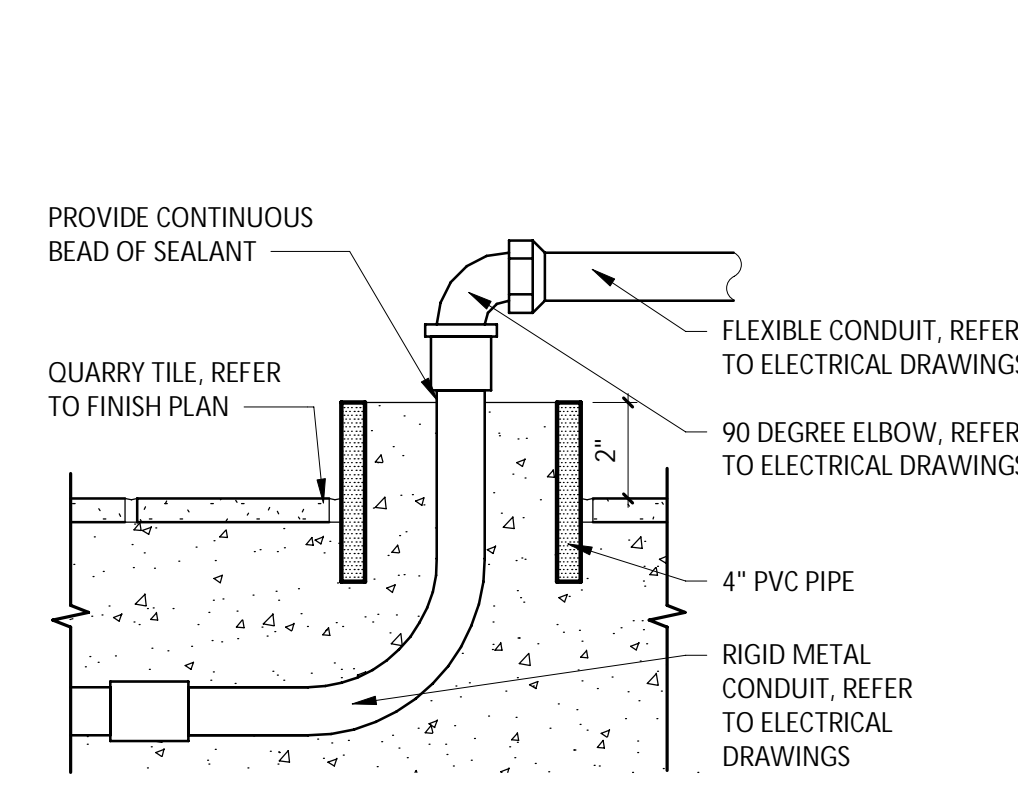


23 A802 3" = 1'-0" FLOOR TRANSITION @ READY TO DRINK

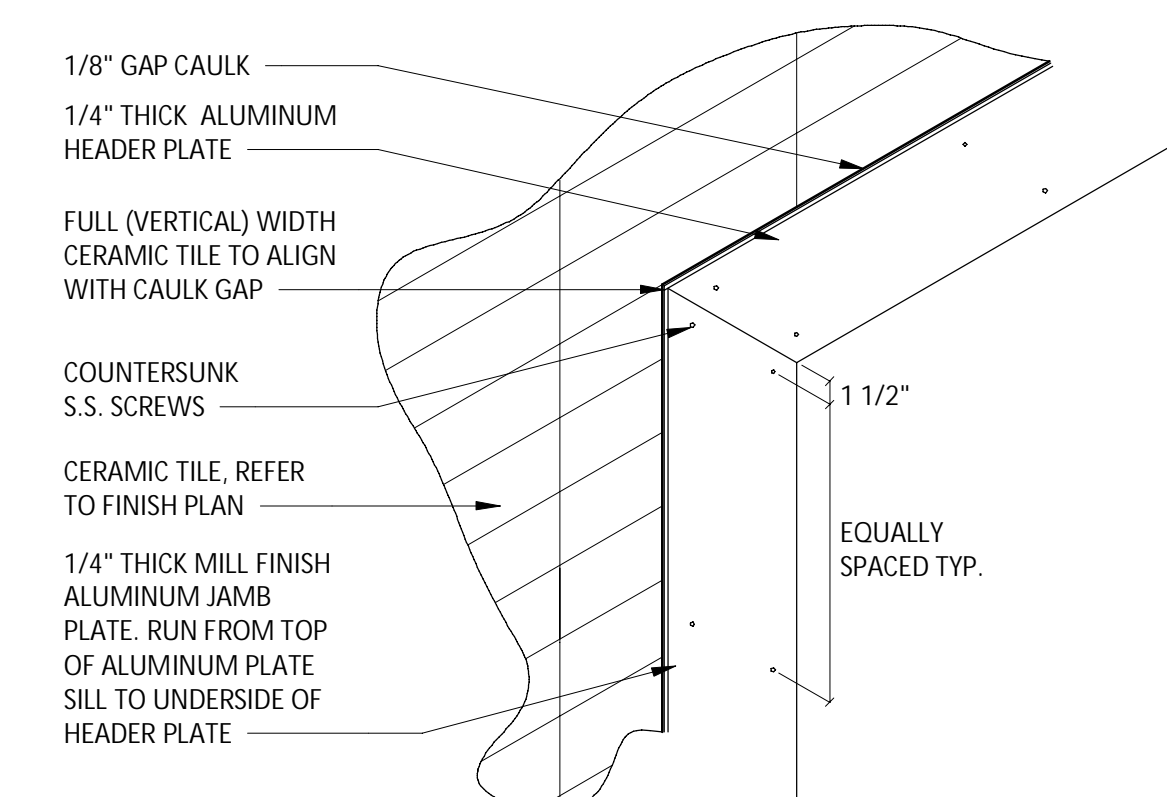
22 A802 3" = 1'-0" FLOOR TRANSITION W/ RAMP



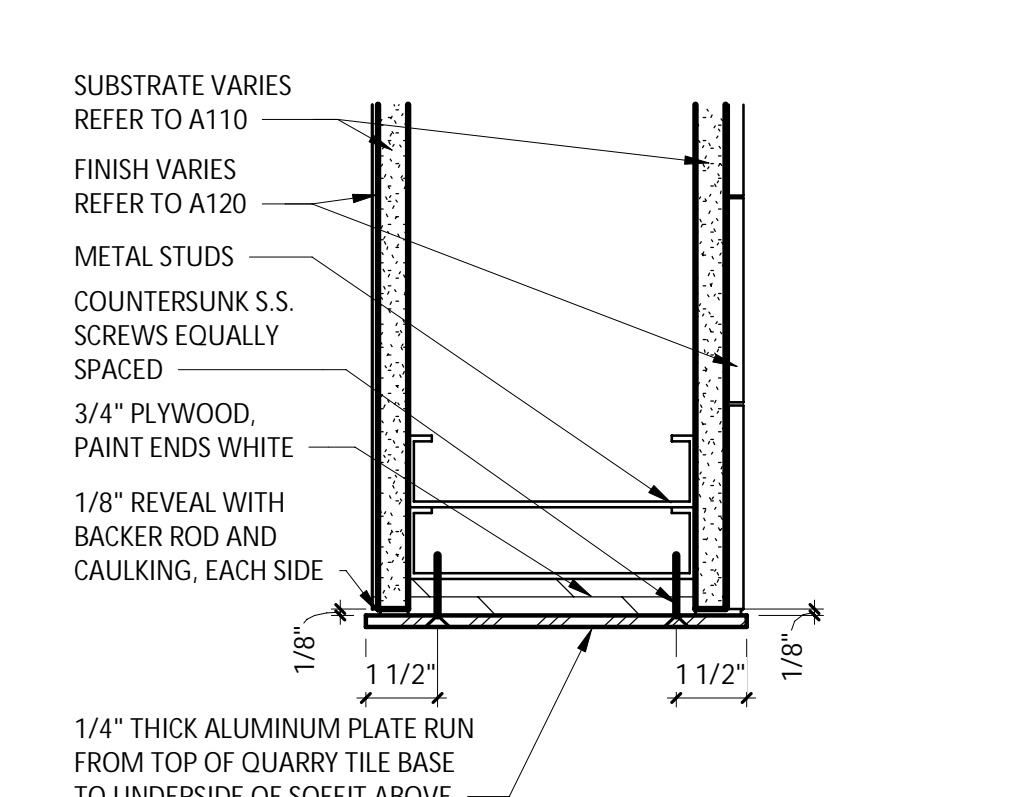
18 A802 3" = 1'-0" TYPICAL QT FLOOR DRAIN/SINK DETAIL



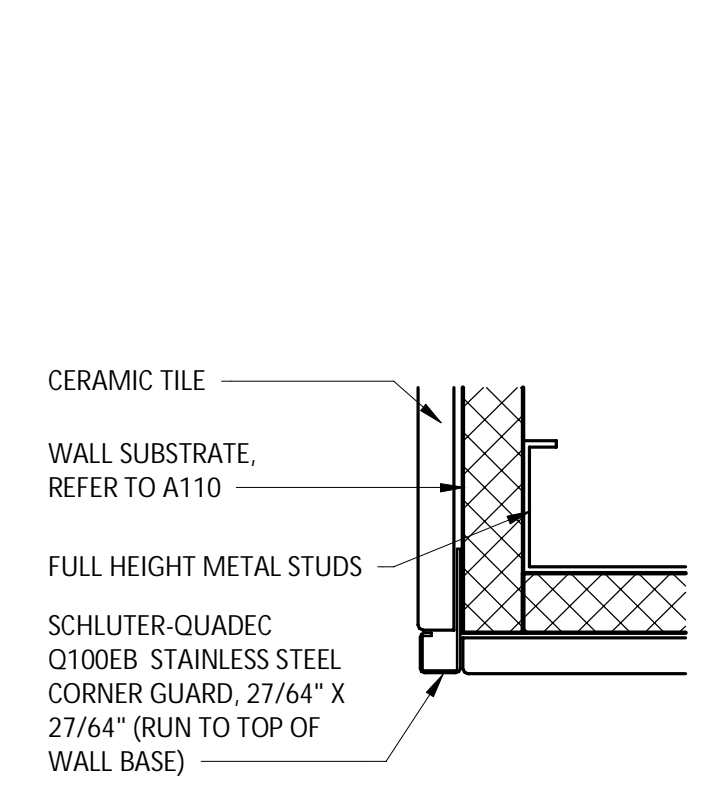
17 A802 3" = 1'-0" STUB SECTION DETAIL UNDER TABLES



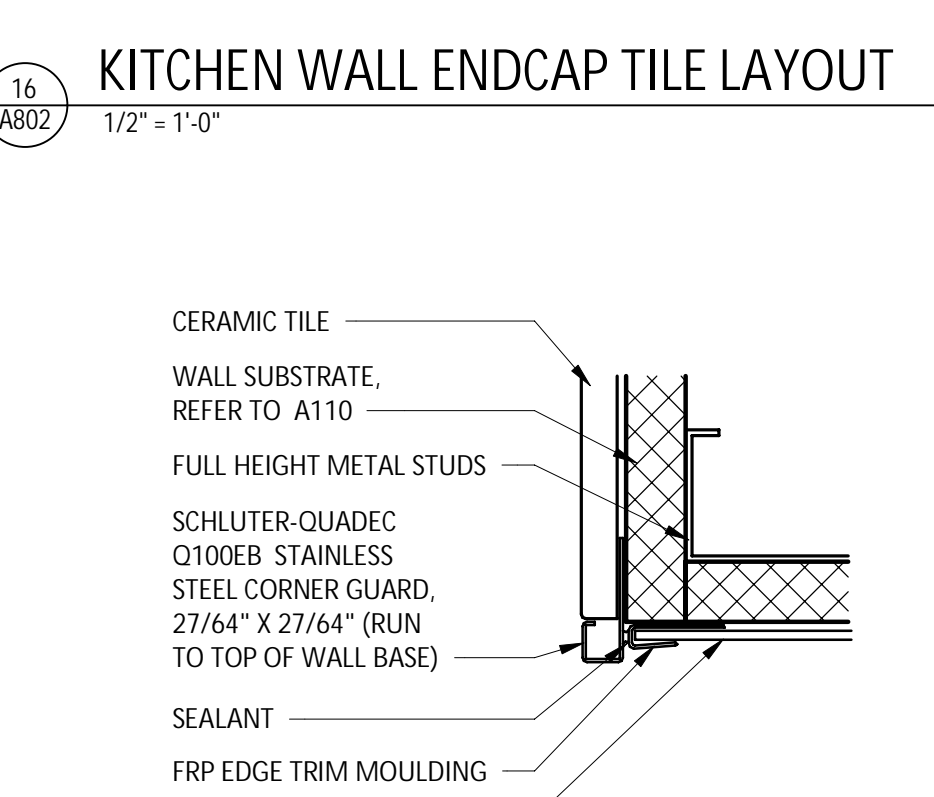
13 A802 1" = 1'-0" TILE DETAIL @ ALUMINUM PLATE HEADER



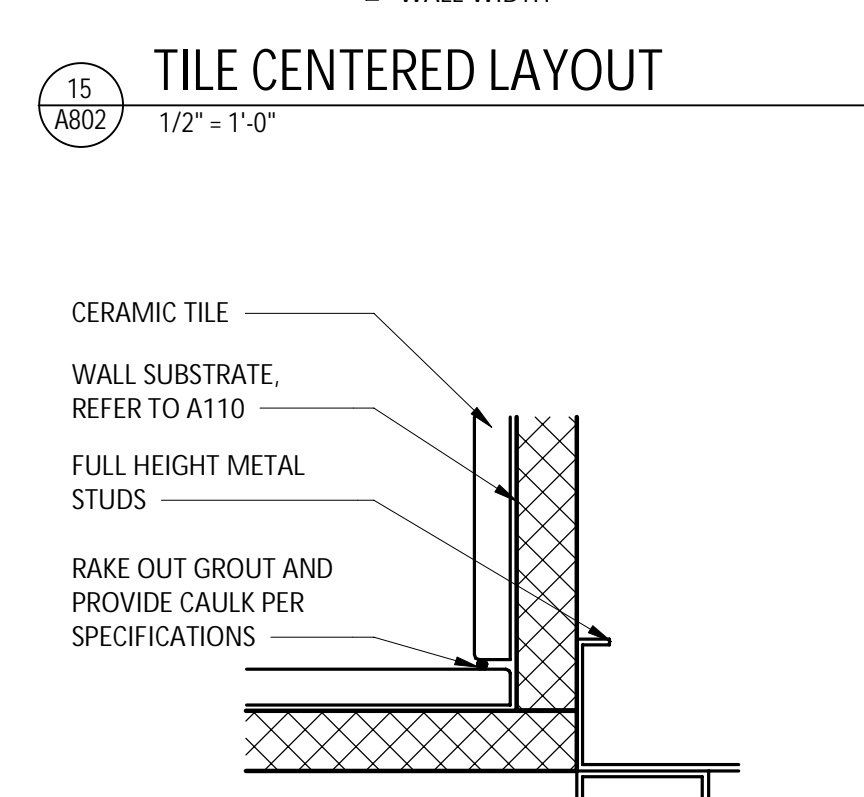
12 A802 3" = 1'-0" ALUMINUM PLATE @ JAMB/HEAD/SILL



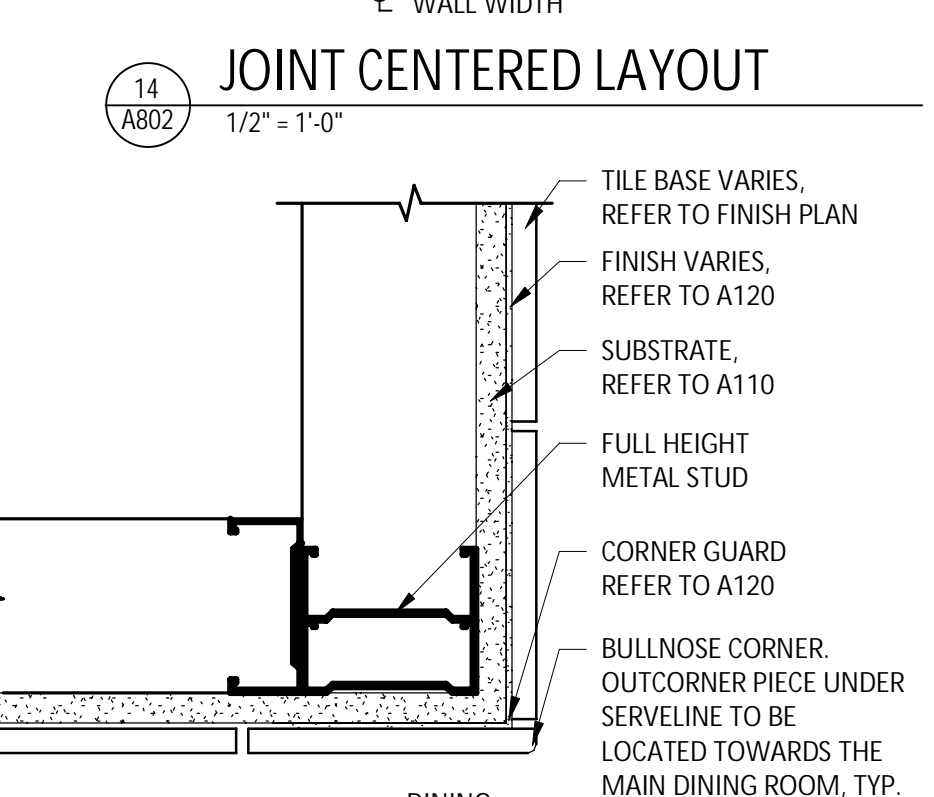
11 A802 6" = 1'-0" TILE TO TILE OUTSIDE CORNER



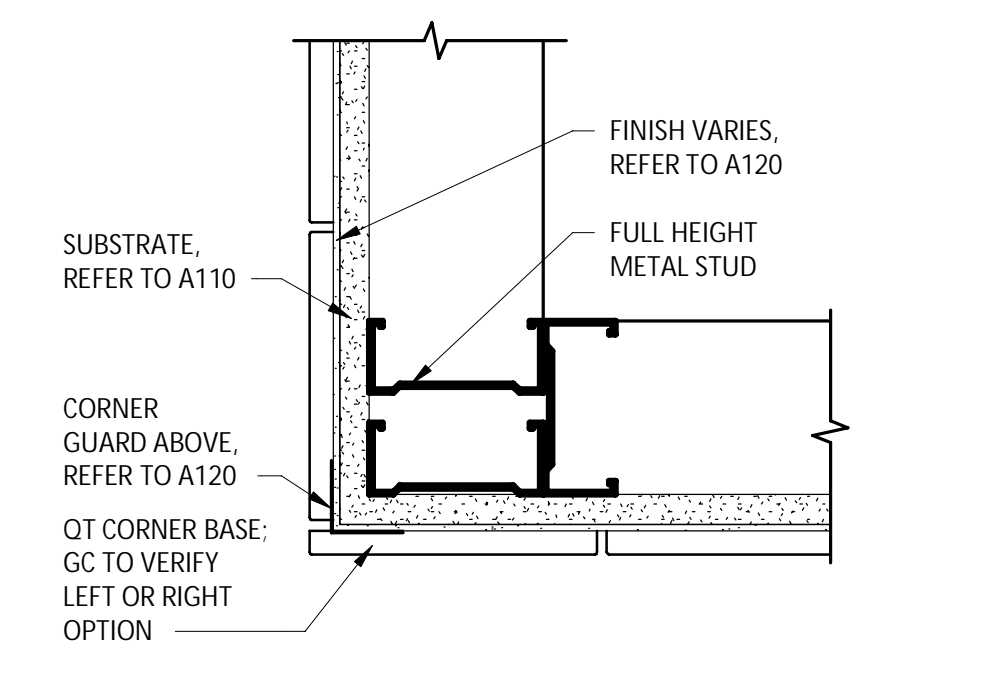
10 A802 6" = 1'-0" TILE TO FRP OUTSIDE CORNER



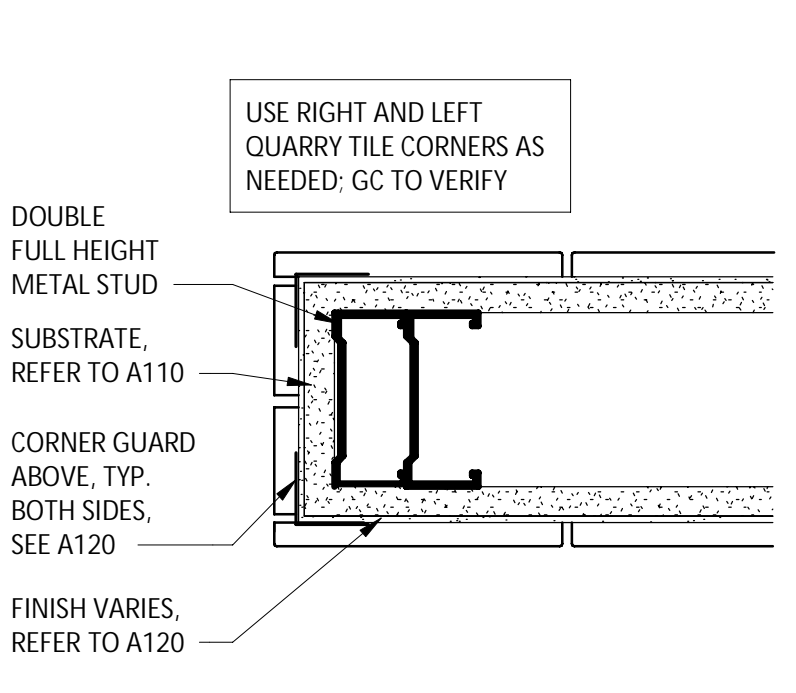
9 A802 6" = 1'-0" TILE TO TILE INSIDE CORNER



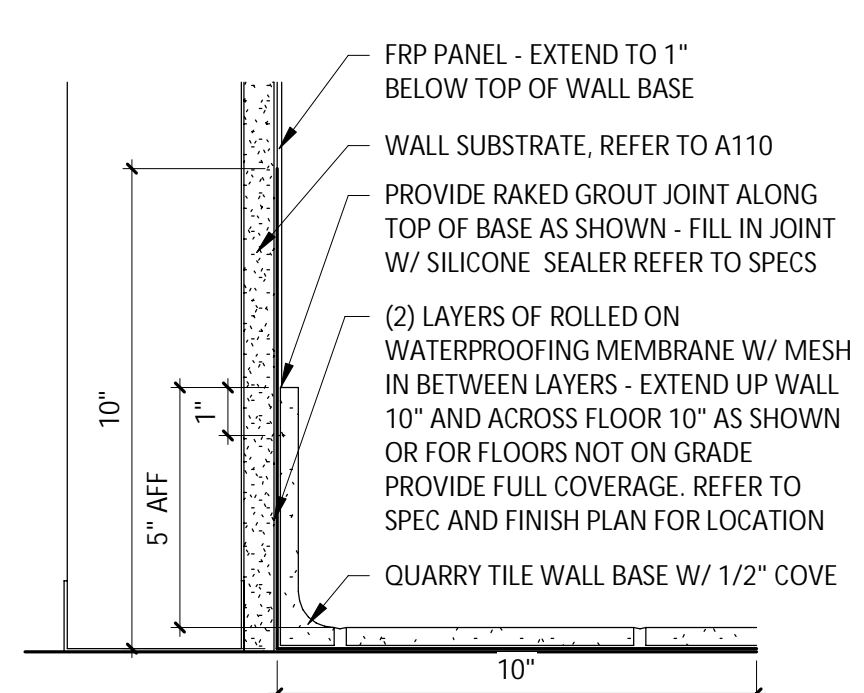
8 A802 3" = 1'-0" TILE BASE - OUTSIDE CORNER (DINING)



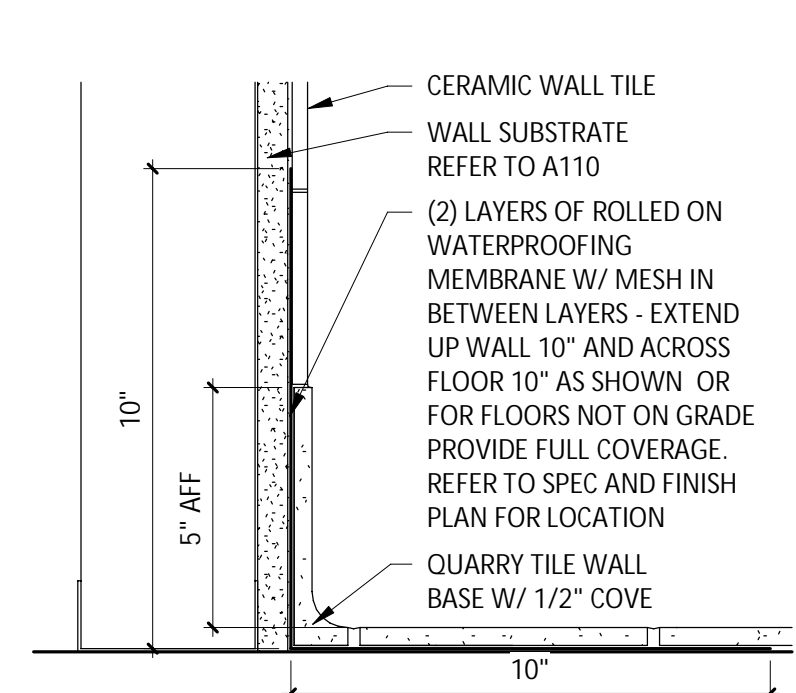
7 A802 3" = 1'-0" QT BASE - OUTSIDE CORNER (KITCHEN)



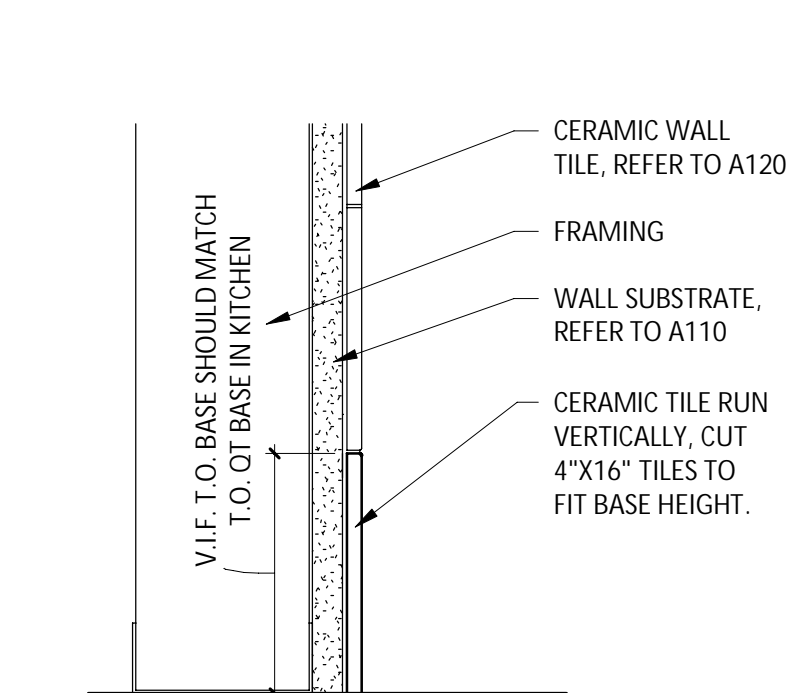
6 A802 3" = 1'-0" QT BASE - ENDCAP



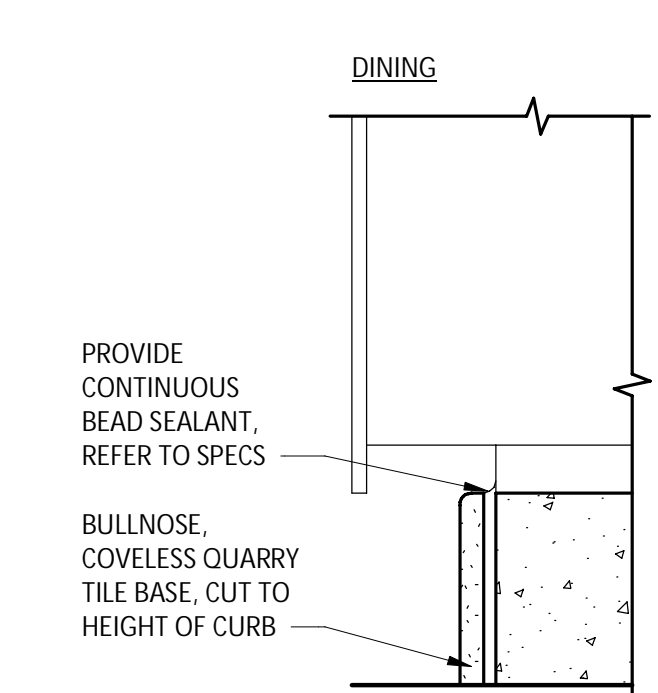
5 A802 3" = 1'-0" QT BASE @ FRP



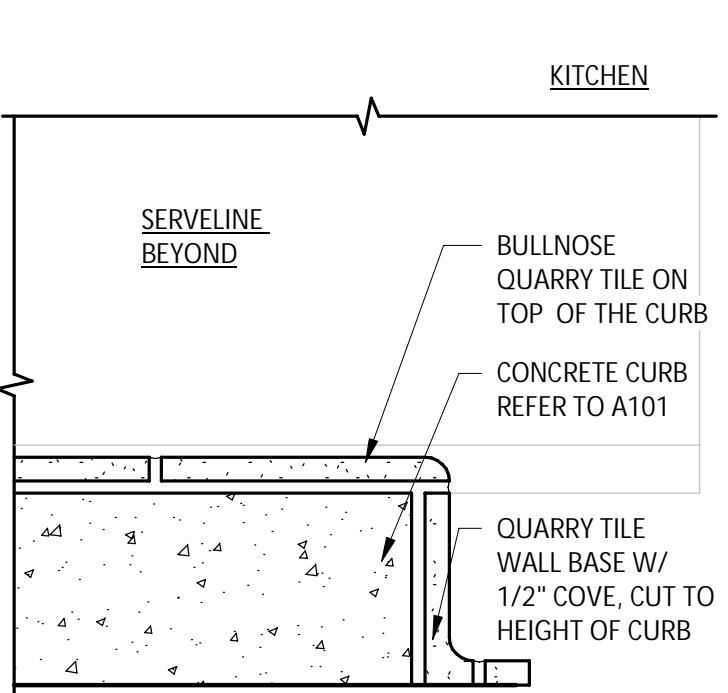
4 A802 3" = 1'-0" QT BASE @ CERAMIC TILE



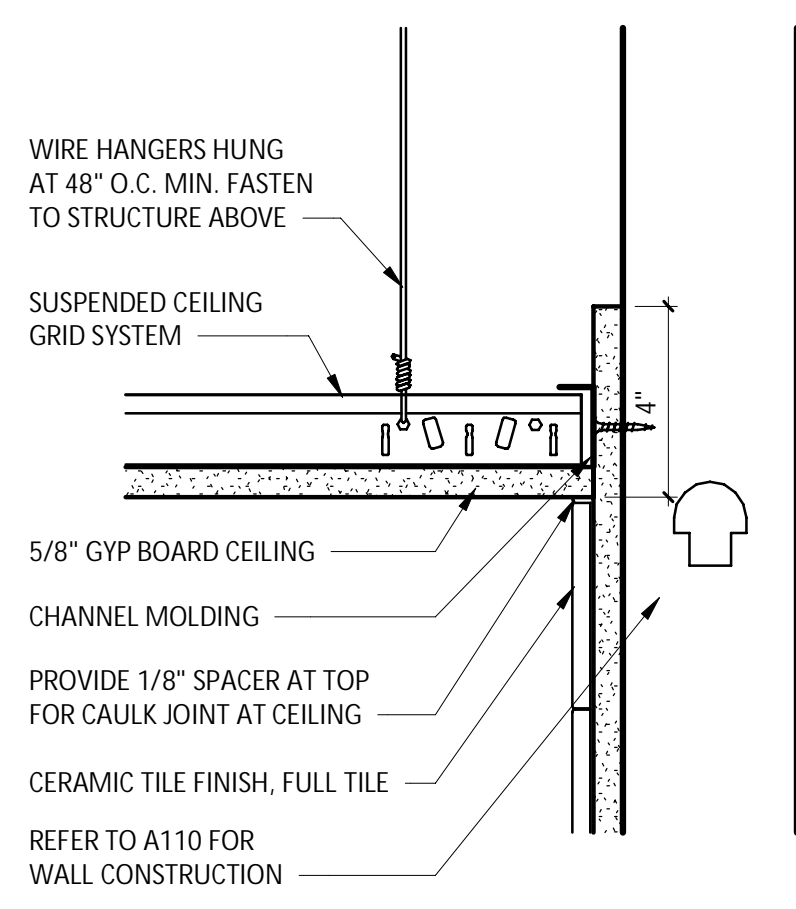
3 A802 3" = 1'-0" CERAMIC TILE BASE



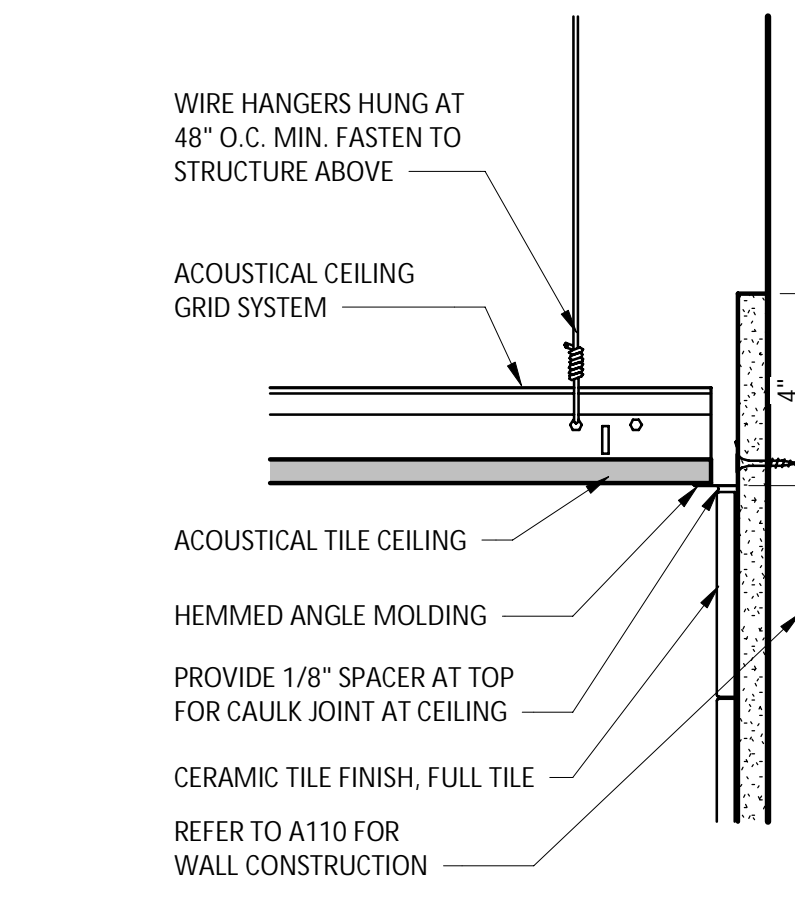
2 A802 3" = 1'-0" QT @ CURB



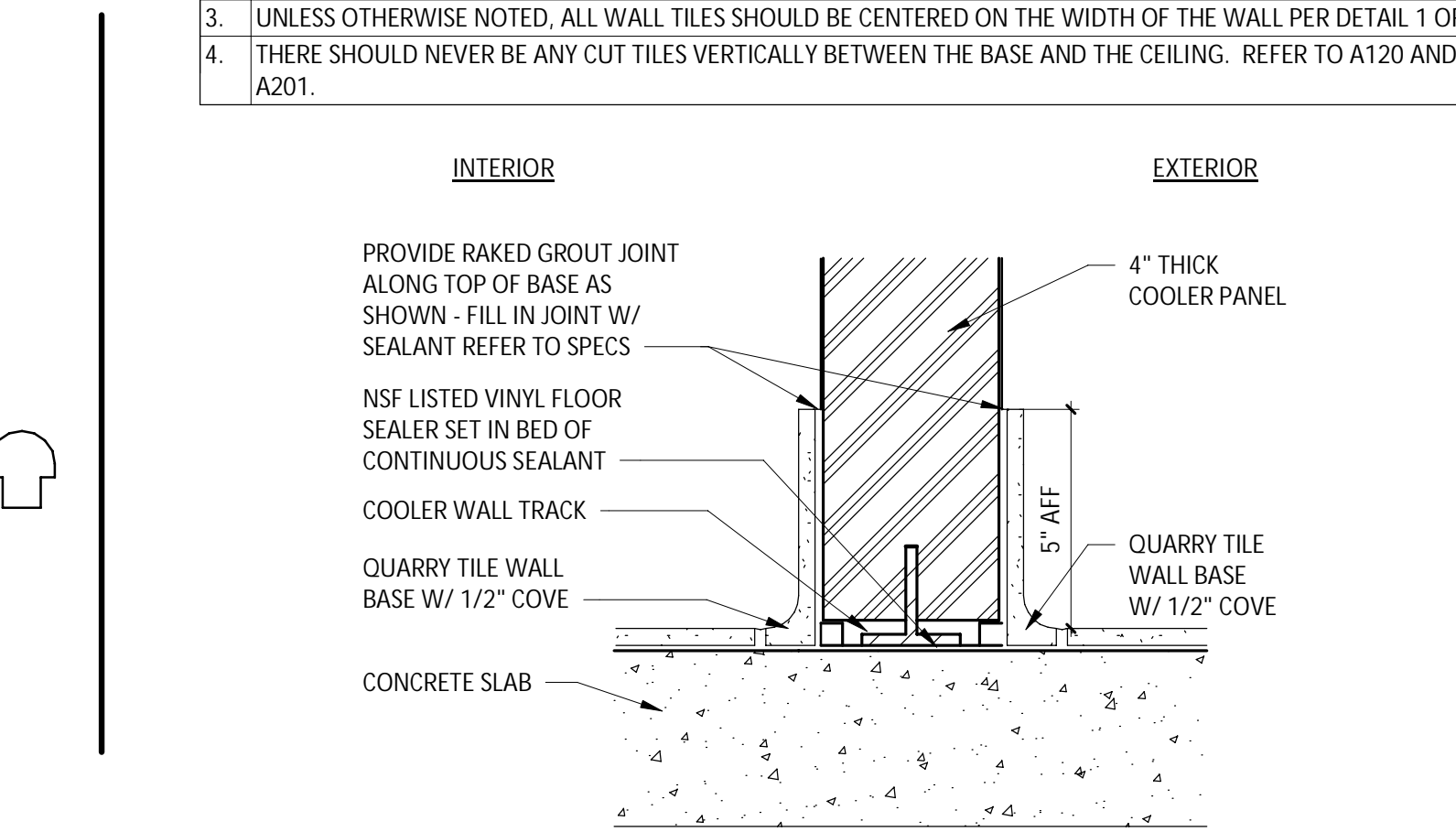
1 A802 3" = 1'-0" QT @ CURB



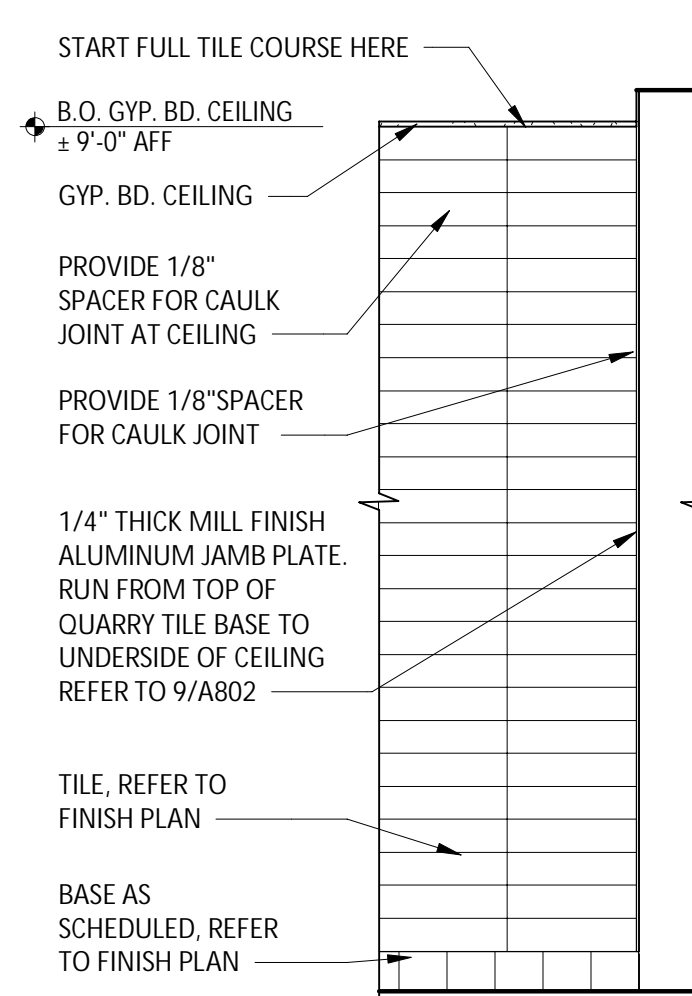
21 A802 3" = 1'-0" TILE DETAIL @ GYP BD CEILING



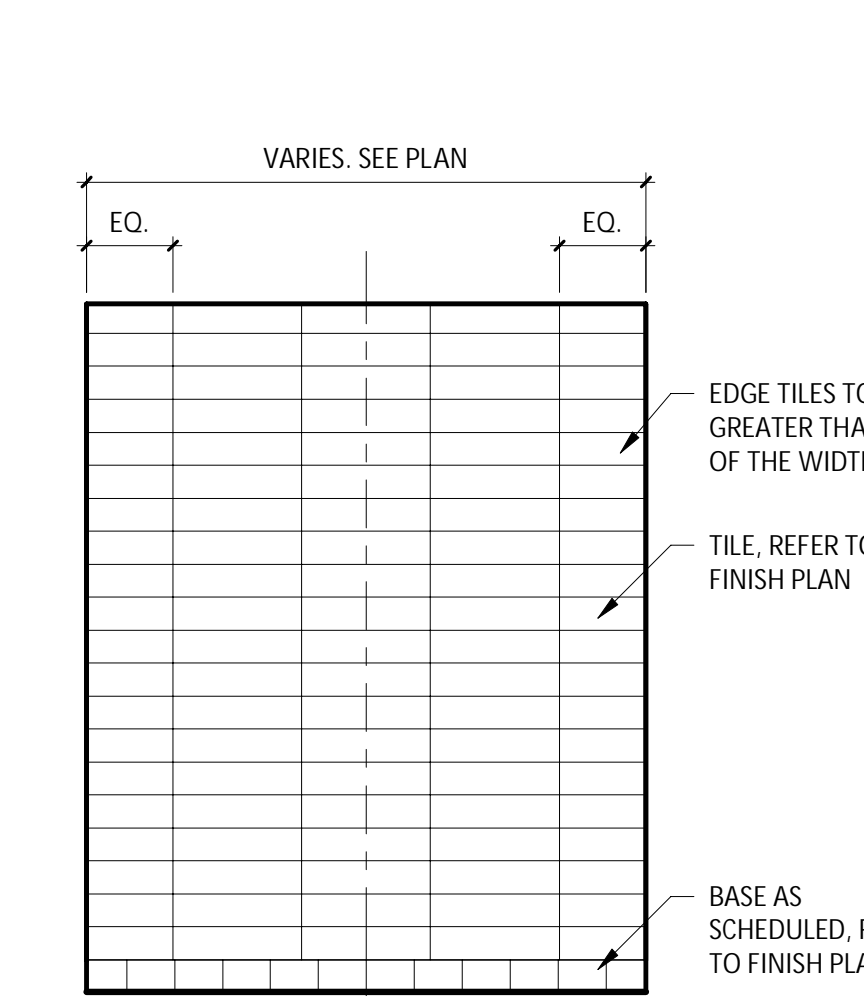
20 A802 3" = 1'-0" TILE DETAIL @ SUSPENDED CEILING



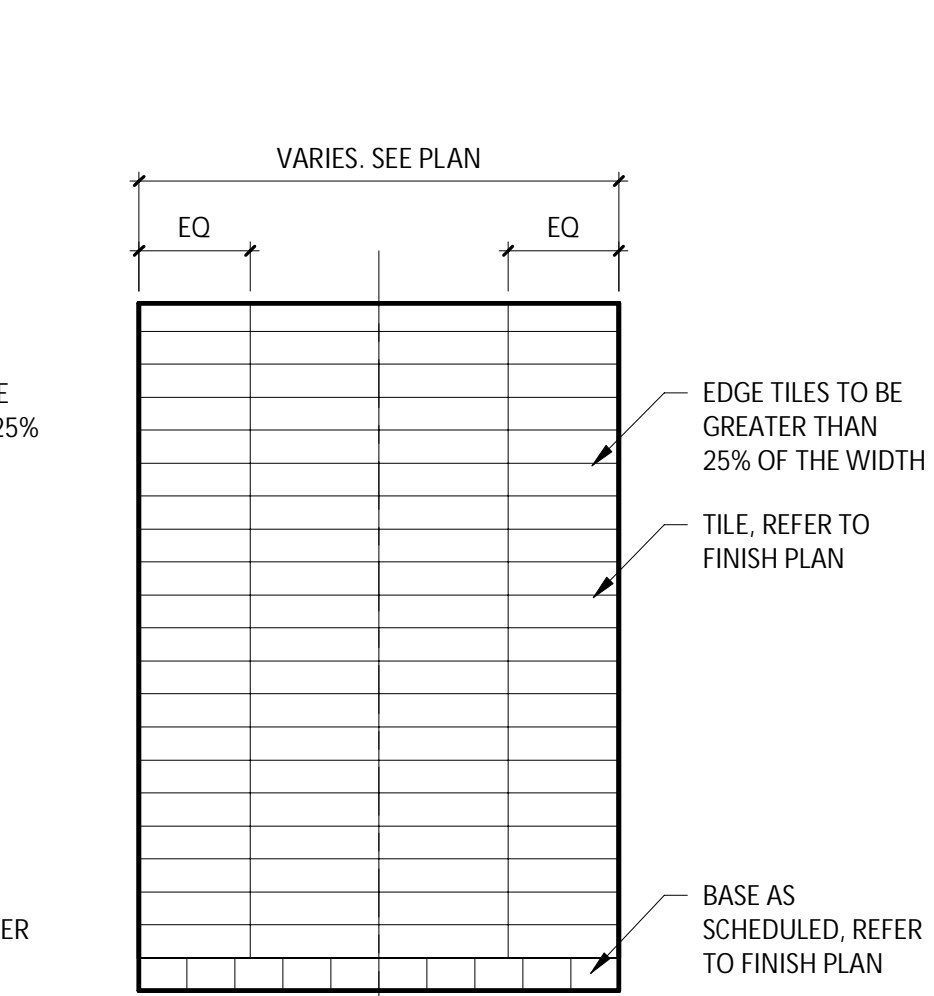
19 A802 3" = 1'-0" COOLER WALL @ QT



16 A802 1/2" = 1'-0" KITCHEN WALL ENDCAP TILE LAYOUT



15 A802 1/2" = 1'-0" TILE CENTERED LAYOUT



14 A802 1/2" = 1'-0" JOINT CENTERED LAYOUT



4
A900 INTERIOR PERSPECTIVE



3
A900 INTERIOR PERSPECTIVE



2
A900 INTERIOR PERSPECTIVE



1
A900 INTERIOR PERSPECTIVE

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Project No.
CMG #4951

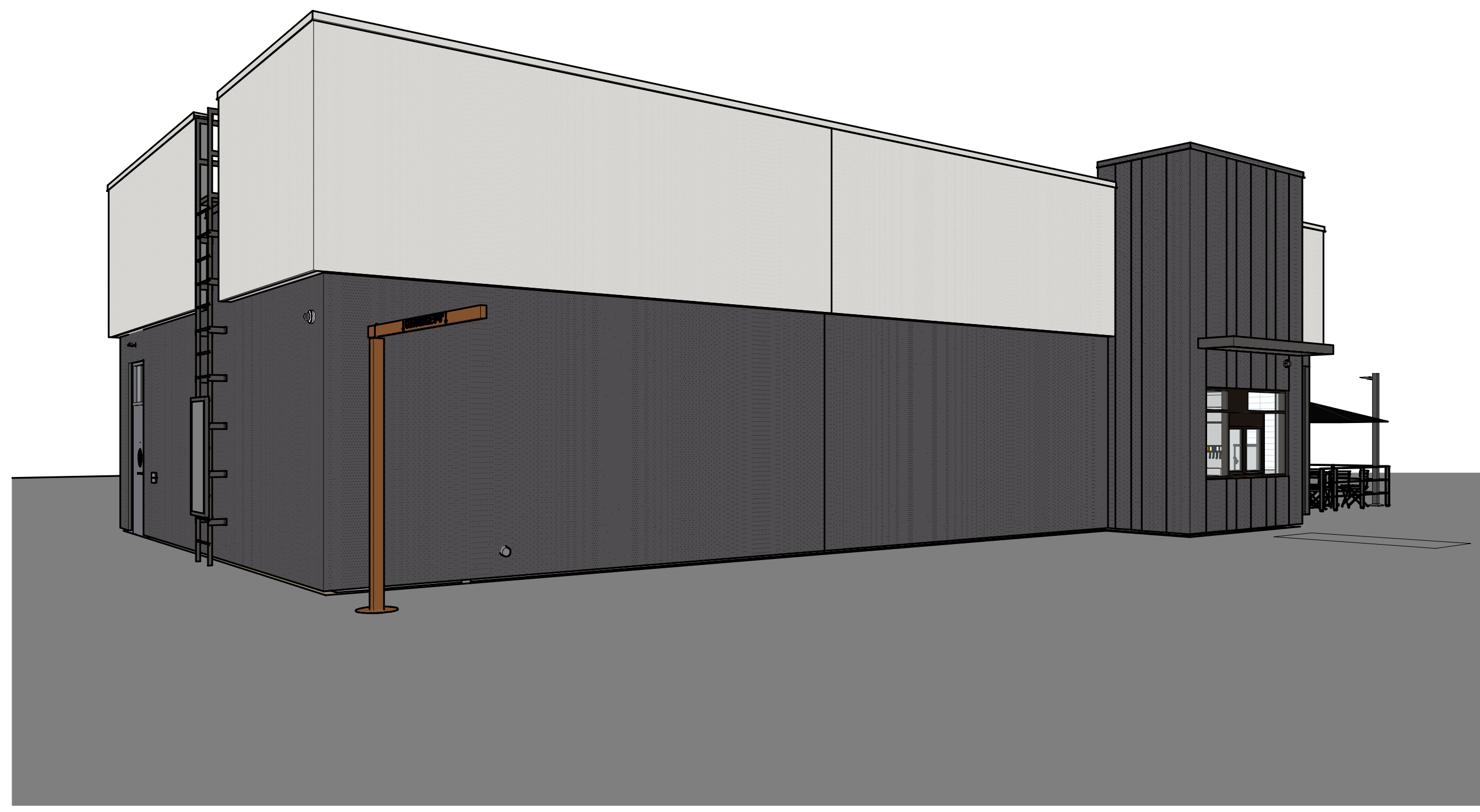
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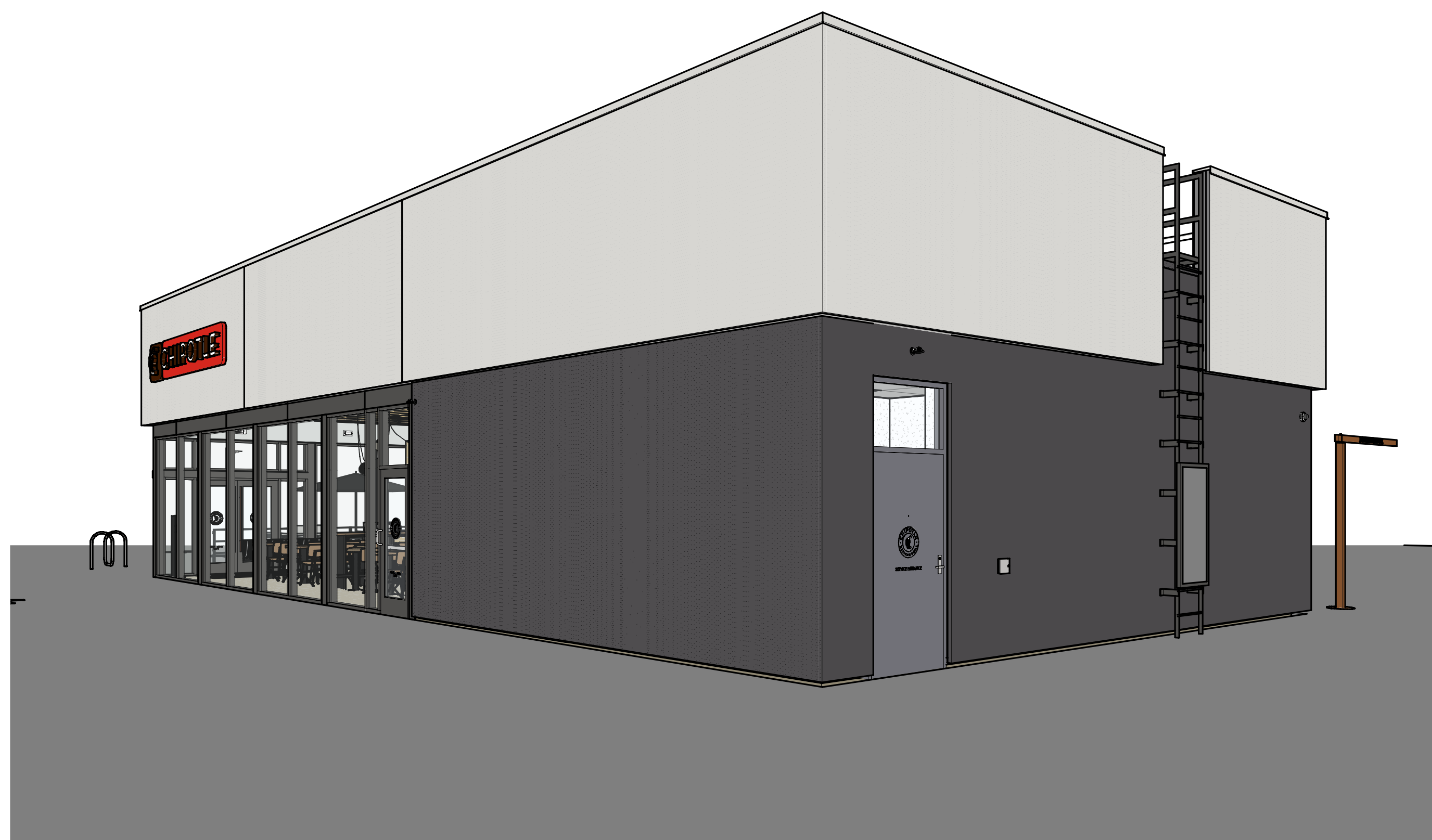
4 EXTERIOR PERSPECTIVE

A901



3 EXTERIOR PERSPECTIVE

A901



2 EXTERIOR PERSPECTIVE

A901



1 EXTERIOR PERSPECTIVE

A901

ARCHITECT OF RECORD



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Issue Record:

10/20/2023 PERMIT SET

Revisions:

Drawn:

O. SORIANO

Checked:

T. GRANDORF

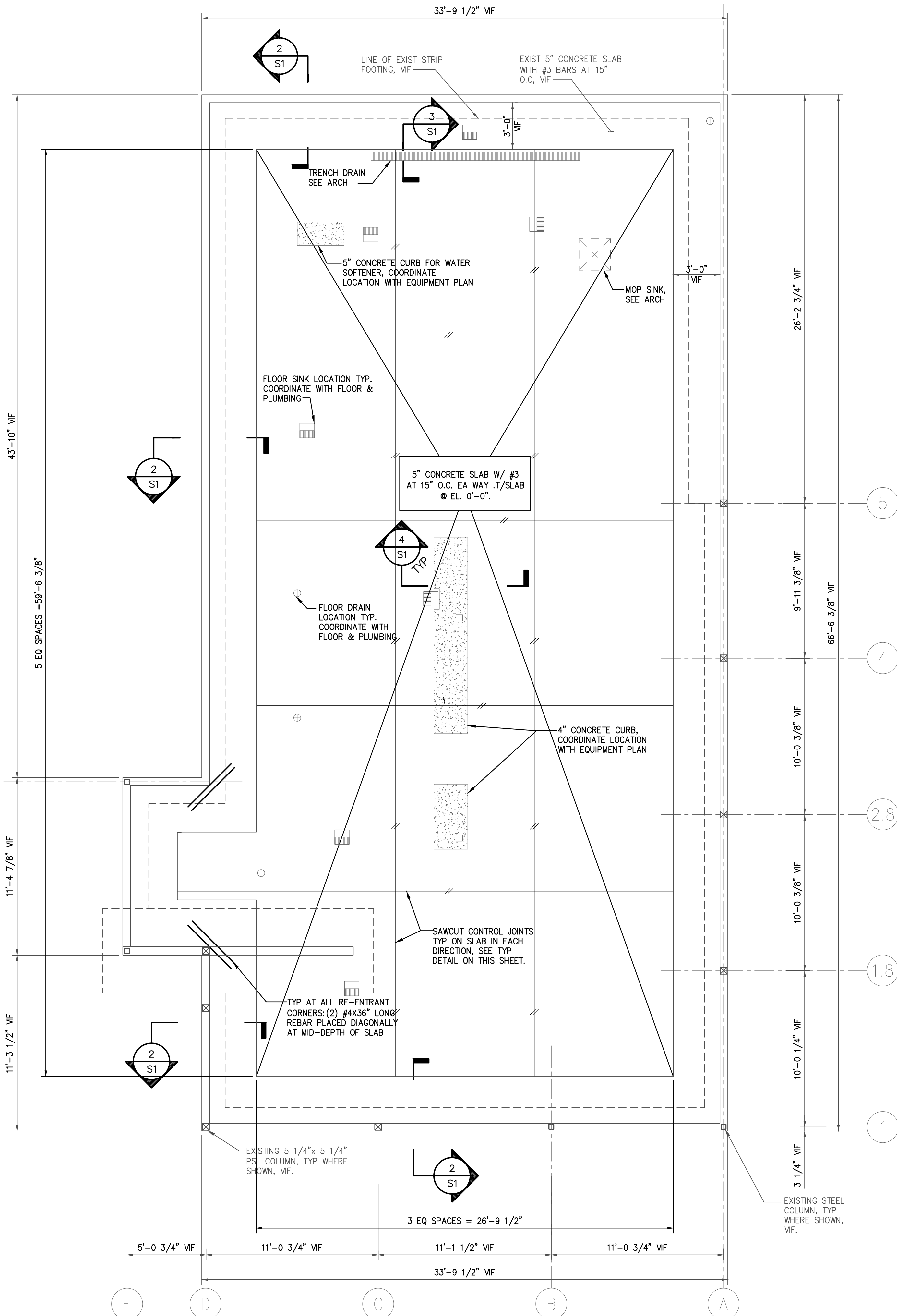
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CMG #4951

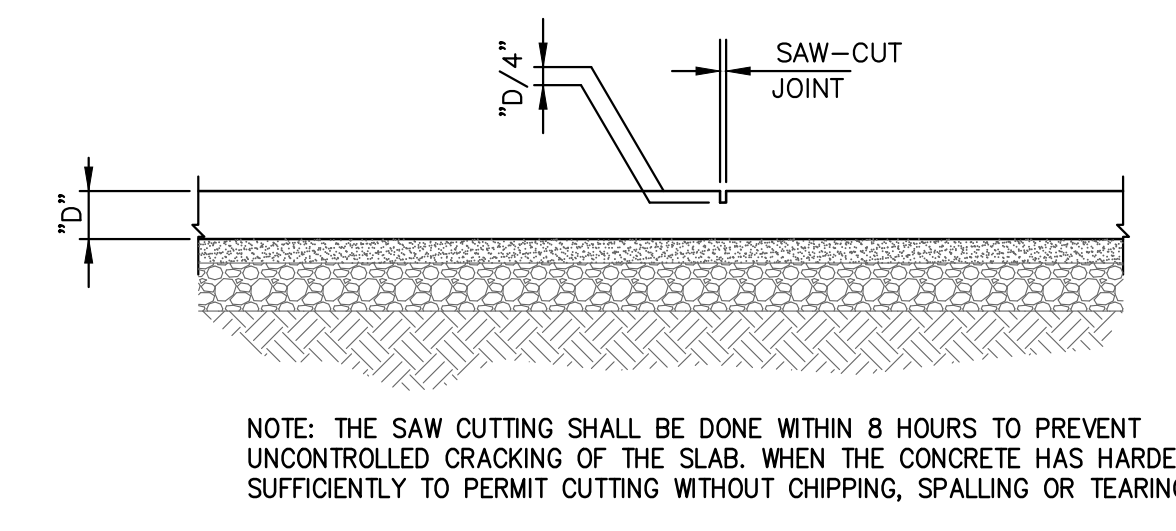
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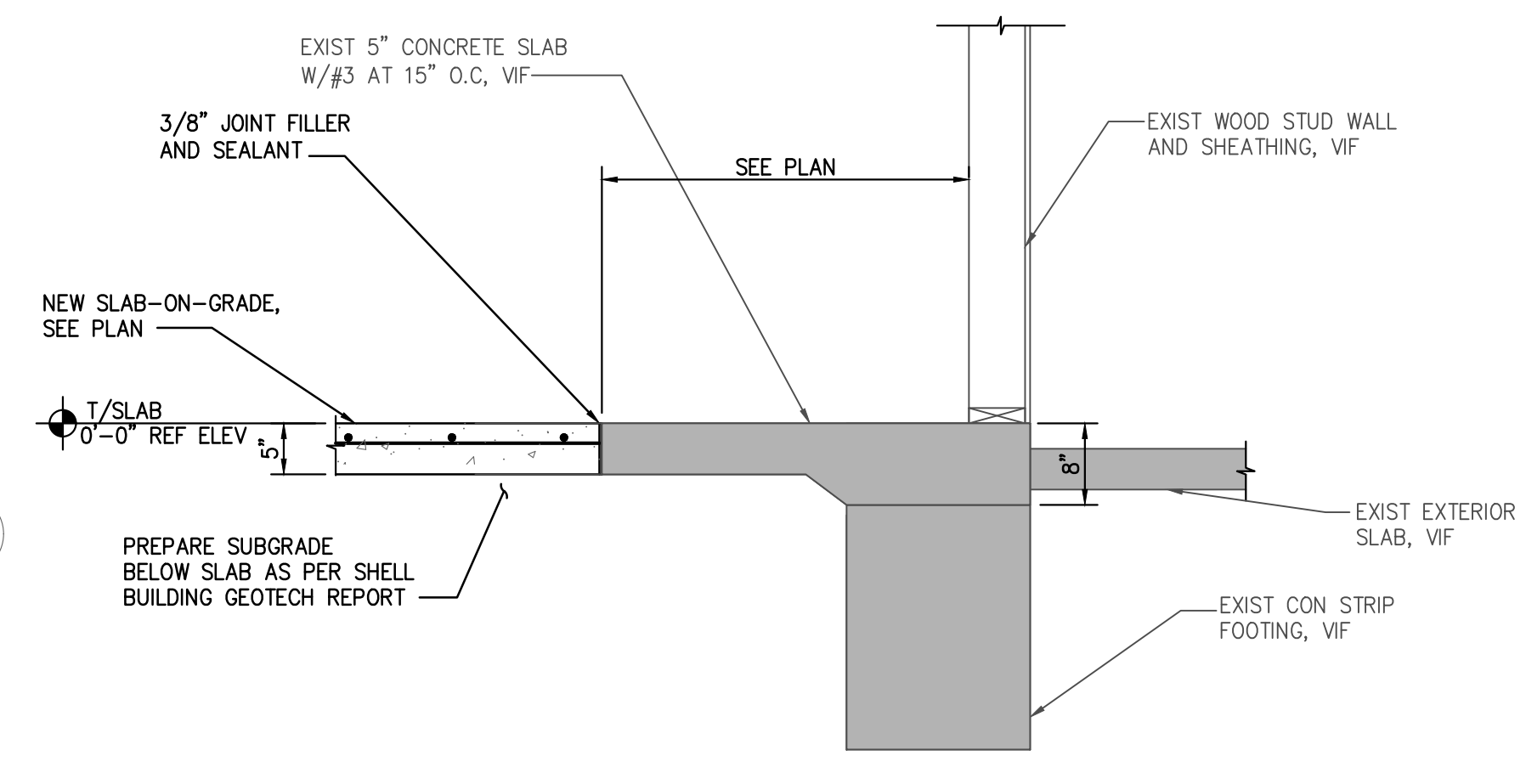
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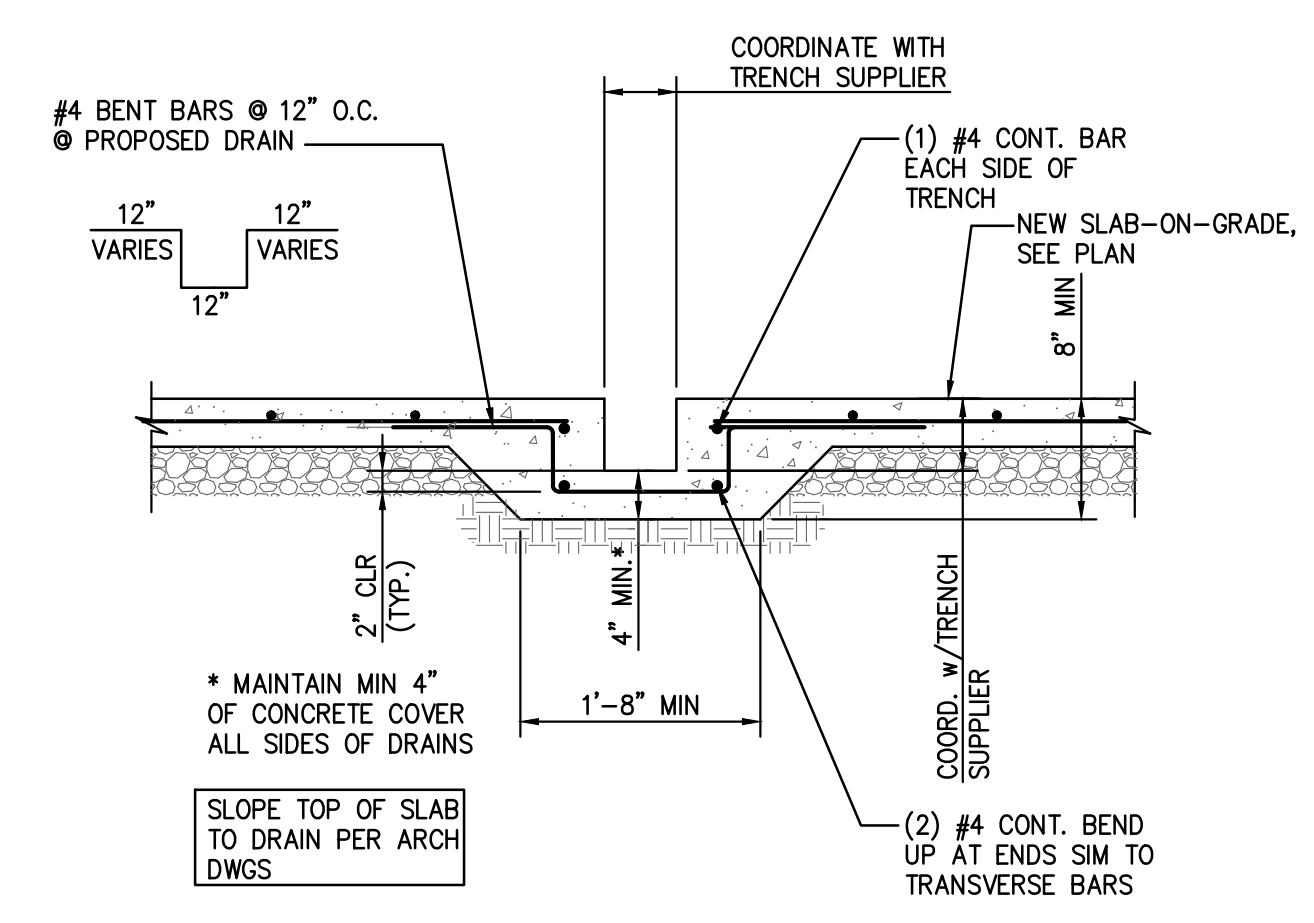
SLAB ON GRADE PLAN
1/4" = 1'-0"



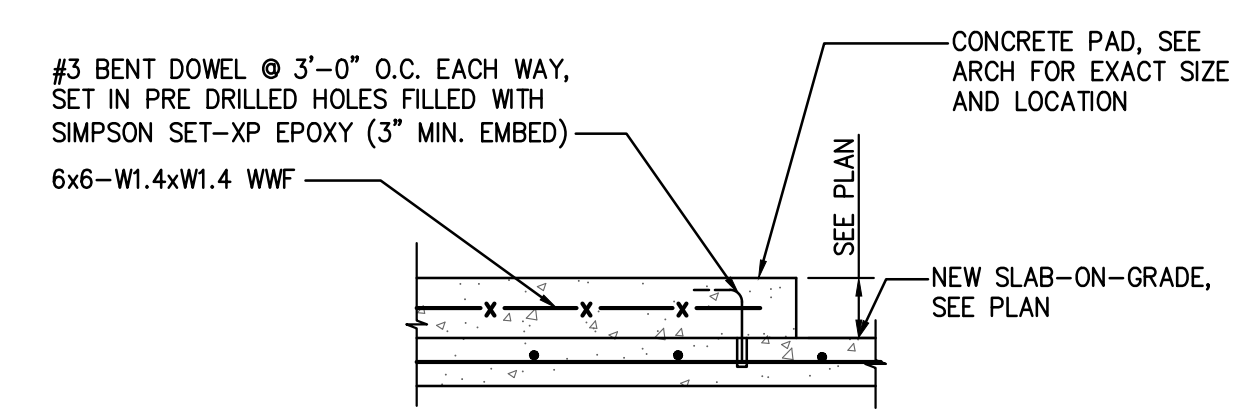
1 TYP. CONTROL JOINT
3/4" = 1'-0"



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



3 TYP TRENCH DRAIN DETAIL
3/4" = 1'-0"



4 SECTION AT CONCRETE PAD
3/4" = 1'-0"

GENERAL STRUCTURAL NOTES

- GOVERNING CODE: 2018 INTERNATIONAL BUILDING CODE.
- LOADS:
 - FLOOR LIVE LOAD - 100 PSF
- FIELD VERIFY ALL DIMENSIONS PRIOR TO FINAL DETAILING AND FABRICATION. IF ANY EXIST. CONDITION IS NOT AS SHOWN, CONTACT A/E BEFORE PROCEEDING WITH WORK.
- EXISTING STRUCTURE IS ASSUMED TO BE IN GOOD CONDITION. NOTIFY STRUCTURAL ENGINEER IF ANY STRUCTURAL MEMBERS ARE FOUND TO BE DAMAGED IN ANY WAY BEFORE PROCEEDING WITH ANY WORK ON DAMAGED MEMBER.
- CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURE AS REQUIRED TO INSTALL NEW WORK. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF THE EXISTING BUILDING DURING CONSTRUCTION.
- SPECIAL INSPECTIONS SERVICES SHALL BE PROVIDED BY A QUALIFIED AGENCY ON ALL ITEMS REQUIRED BY THE LOCAL BUILDING CODE.
- EXISTING STRUCTURAL INFORMATION HAS BEEN TAKEN FROM STRUCTURAL DRAWINGS AND HAS NOT BEEN VERIFIED IN FIELD. VERIFY ALL EXISTING CONDITIONS THAT AFFECT NEW CONSTRUCTION IN FIELD PRIOR TO BID.

CONSTRUCTION AND SAFETY

- ERECTOR SHALL PROVIDE TEMPORARY BRACING FOR THE ENTIRE STRUCTURE UNTIL PERMANENT BRACING IS INSTALLED AND FUNCTIONING AS THE DESIGNED UNIT.
- THE ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OF CONSTRUCTION SELECTED BY THE CONTRACTOR.
- THE ERECTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.

FOUNDATIONS

- THE FOUNDATION DESIGN OF THIS BUILDING ADDITION WAS BASED ON THE FOLLOWING CRITERIA:
 - MINIMUM ALLOWABLE SOIL BEARING CAPACITY = 2500 PSF AS RECOMMENDED BY NINYO AND MOORE CONSULTANTS IN THEIR REPORT NO 701556001 DATED AUGUST 8, 2023.
- ALL SLABS ON GRADE SHALL BE POURED ON MINIMUM COMPACTED STRUCTURAL FILL MATERIAL AS NOTED ON GEOTECHNICAL REPORT.

CONCRETE CONSTRUCTION

- CAST-IN-PLACE CONCRETE WORK SHALL CONFORM TO THE LATEST EDITIONS OF:
 - AMERICAN CONCRETE INSTITUTE CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO, ACI 301 (AS MODIFIED IN THE PROJECT MANUAL), ACI 305.1, ACI 315, ACI 318 AND SP-15.
 - CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE".
- CONCRETE SHALL HAVE THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS: (SUBMIT CONCRETE MIXES FOR APPROVAL IN ACCORDANCE WITH AC301 BEFORE PLACING ANY CONCRETE)
- ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615, A-616, A-617 GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 DELIVERED IN FLAT SHEETS.
- CONTRACTOR SHALL REVIEW ALL DRAWINGS FOR SIZE AND LOCATION OF EMBEDDED ITEMS, SLEEVES, SLAB DEPRESSIONS, OPENINGS, ETC. REQUIRED BY OTHER TRADES. RECONCILE THEIR EXACT SIZES AND LOCATIONS BEFORE PROCEEDING WITH THE WORK. ALL ITEMS SHALL BE FURNISHED AND INSTALLED PRIOR TO PLACEMENT OF CONCRETE. SECURE THE APPROVAL OF THE STRUCTURAL ENGINEER PRIOR TO PLACING OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- COMPLY WITH ARCHITECTURAL DRAWINGS FOR LOCATION AND EXTENT OF SPECIAL FINISHES OR TREATMENTS TO EXPOSED CONCRETE.
- PROVIDE #4x3'-0" AT MID DEPTH PERPENDICULAR TO ANY DISCONTINUOUS CONTROL JOINTS.

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SEAL
STATE OF TEXAS
SHIF PANAKKAT
101398
REGISTERED PROFESSIONAL ENGINEER
SIGNED / SEALED-10/04/2023

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Issue Record:

Issue No.	Issue Description	Date	Status
06/08/2023	PERMIT SET		

Revisions:

No.	Description

Drawn: SP
Checked: AP
Project No.: CMGXXX

Contents:
SLAB ON GRADE PLAN & DETAILS

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 OWNER).

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 OWNER 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 OWNER, 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. DIFFUSERS:
 - 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.
 - B. WALL AND CEILING REGISTERS:
 - 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: COUNTERSUNK SCREW.
 - C. WALL AND CEILING GRILLES:
 - 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: COUNTERSUNK SCREW OR LAY IN DEPENDING LOCATION.

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.


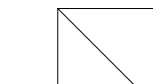
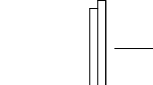


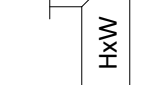
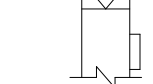
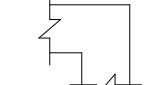
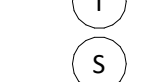
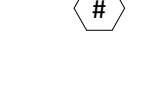

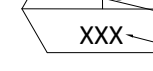


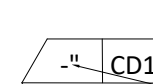
END OF SECTION 15855

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 GENERAL EXHAUST	RECTANGULAR, 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 GENERAL EXHAUST	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, TYPE I HOOD EXHAUST.	RECT. 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 ABBREVIATIONS

- AFF ABOVE FINISHED FLOOR
- CD CONDENSATE
- CU CONDENSING UNIT
- EF EXHAUST FAN
- EXT'G EXISTING
- HD HOOD
- MUA MAKEUP AIR UNIT
- OPD OPPOSED BLADE DAMPER
- RG RETURN GRILLE
- RTU ROOFTOP UNIT
- SR SUPPLY REGISTER
- VSC VARIABLE SPEED CONTROL
- CO2AS TENANT'S CO2 ALARM SUPPLIER
- GC GENERAL CONTRACTOR
- HES TENANT'S HVAC EQUIPMENT SUPPLIER
- TAB TENANT'S TEST AND BALANCE VENDOR
- TCC TENANT'S CABLING CONTRACTOR
- KES TENANT'S KITCHEN EQUIPMENT SUPPLIER
- HS TENANT'S HOOD SUPPLIER
- TDC TENANT DUCT CLEANER
- TEMS TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER TENANT'S LIGHT/LAMP SUPPLIER
- TMB TENANT'S MENU BOARD SUPPLIER
- TMS TENANT'S MILLWORK SUPPLIER
- TP TENANT'S PHONE 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

HVAC SYMBOLS

-  CEILING SUPPLY DIFFUSER
-  CEILING RETURN DIFFUSER
-  SUPPLY REGISTER
-  RETURN REGISTER
-  FLEXIBLE DUCT
-  MITERED CORNER WITH TURNING VANES
-  DUCTWORK INTERNAL FREE DIMENSIONS
-  RECTANGULAR TO ROUND TRANSITION
-  GREASE DUCT CLEANOUT
-  MITERED CORNER WITHOUT TURNING VANES
-  GRIDPOINT THERMOSTAT
-  GRIDPOINT ZONE SENSOR MODULE
-  PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
-  EQUIPMENT TAG: SEE EQUIPMENT SCHEDULE ON SHEET M600 FOR EQUIPMENT INFORMATION.
-  GRILL, REGISTER, OF DIFFUSER TAG: TAG NECK SIZE AIRFLOW (CFM)

Consultant:

ARCHITECT OF RECORD



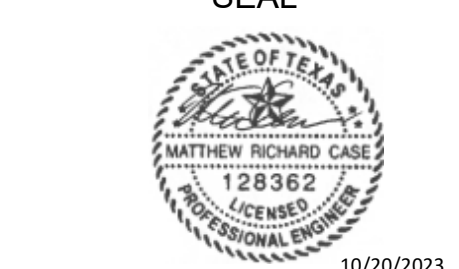
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Issue Record:

03/22/22 FOR PERMIT

Issue No.	Description	Date

Revisions:

Revised By	Description	Date

Drawn: JW Checked: MC

Project No: CMGXXX

Contractors:

HVAC SPECIFICATIONS

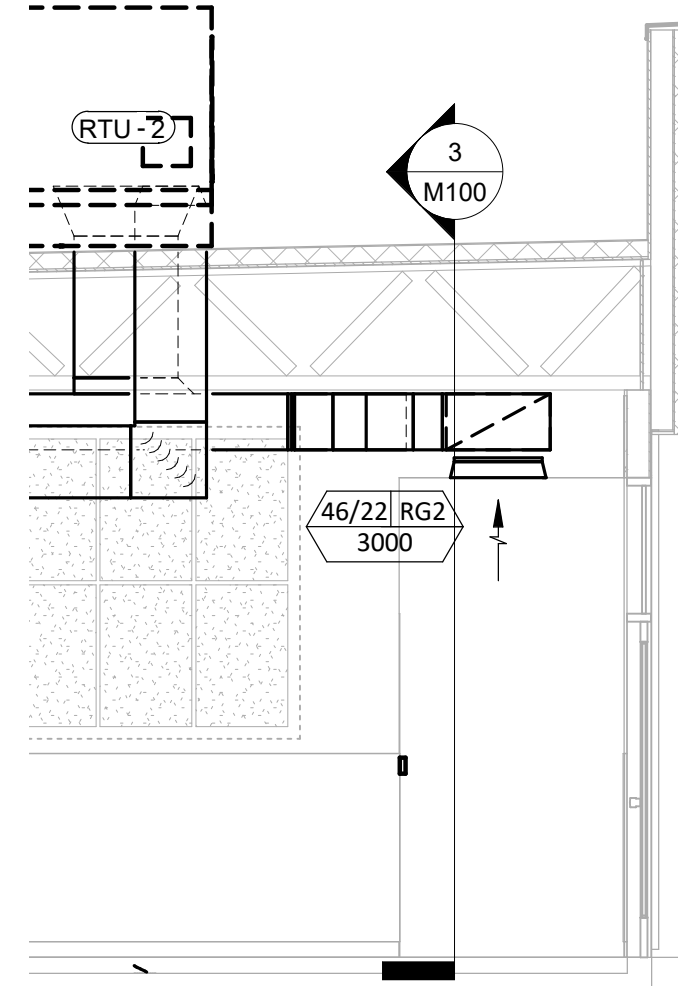
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HVAC PLAN NOTES

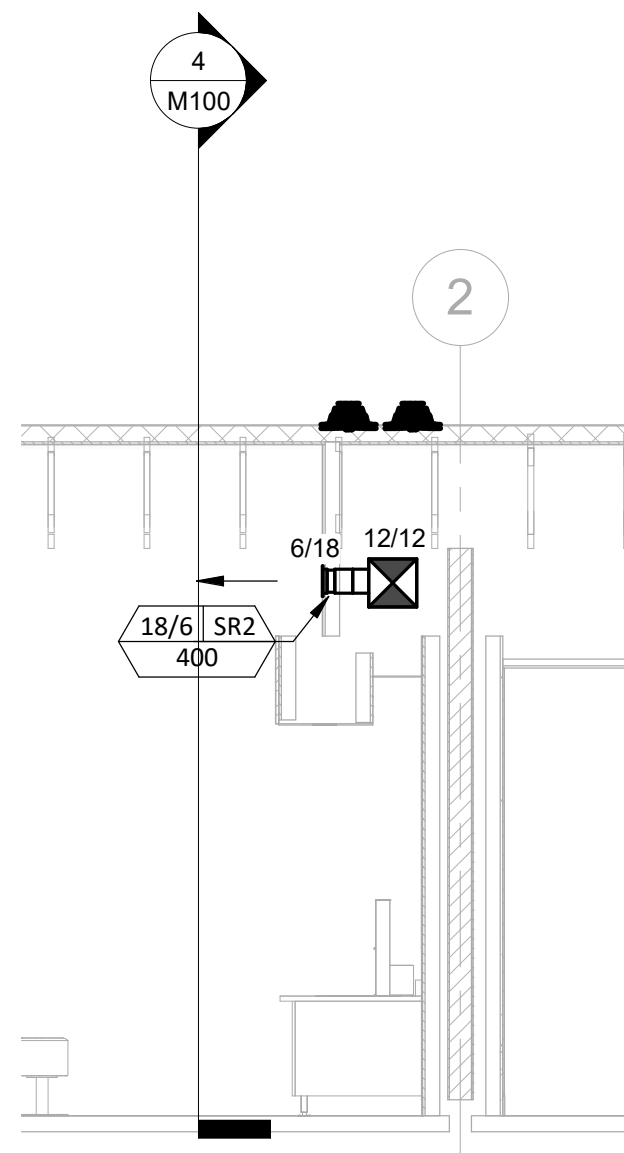
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
- PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS BLACK. TYPICAL.
- PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- 26/14 DUCT UP FOR TRANSITION TO RTU-1 RETURN CONNECTION IN ROOF CURB. RTU-1 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-1 OPERATION.
- 26/18 DUCT UP FOR TRANSITION TO RTU-2 RETURN CONNECTION IN ROOF CURB. RTU-2 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-2 OPERATION.
- 26/14 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.
- 26/18 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.
- 16/16 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.
- 10/15 DUCTS UP FROM HOOD TO 20/15 DUCT 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.
- 36/10 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 GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 (TS200) AND RTU-2 (TS200) AT THIS LOCATION AT 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE THERMOSTAT WIRING FROM EACH THERMOSTAT TO THE CORRESPONDING ROOFTOP UNIT. PROVIDE CATSE CABLE FROM RTU-1 TS200 TO J-BOX #2 ABOVE ELECTRICAL PANELS (LEAVE 16" OF CABLE COILED UP INSIDE OF J-BOX #2 ND 16" BEHIND WALL OF THERMOSTAT FOR FINAL CONNECTION TO THE EMS SYSTEM BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTATS". SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 84" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM ZSM TO RTU-1 THERMOSTAT T1 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-2 AT THIS LOCATION 60" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM ZSM TO RTU-2 THERMOSTAT T1 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
- INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM SUPPLY PROBE TO RTU-1 THERMOSTAT T2 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
- INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM SUPPLY PROBE TO RTU-2 THERMOSTAT T2 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
- INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 84" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.

HVAC PLAN NOTES

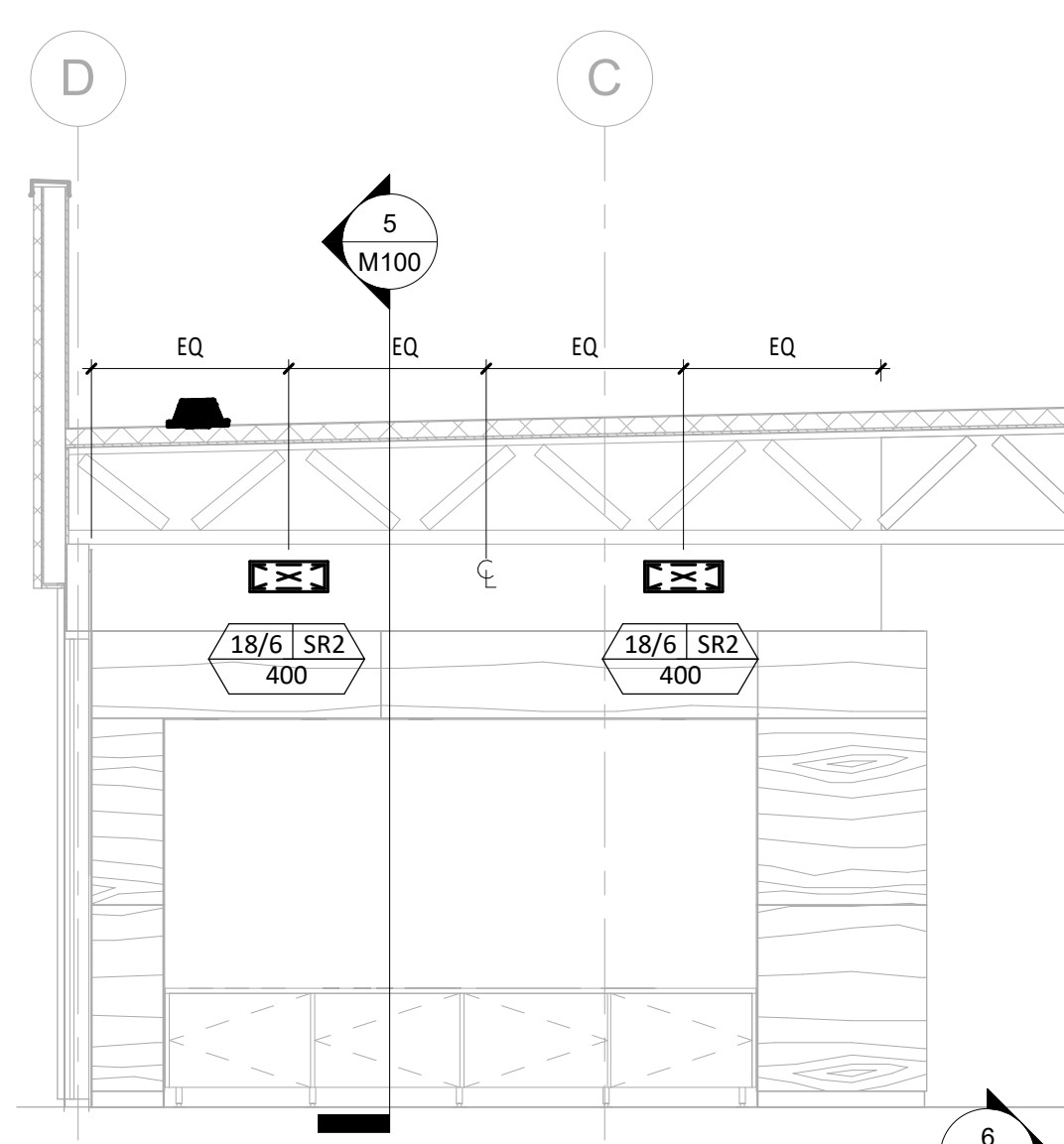
- INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL 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 AND 4/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.
- INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
- INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIROGUARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.
- PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
- PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
- INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
- MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.
- ADJUST SUPPLY REGISTERS SO THAT SUPPLY AIR HITS WALL ON OPPOSITE SIDE OF ROOM AT APPROXIMATELY 7' AFF WITH NO DRAFTS FELT IN THE DINING ROOM.



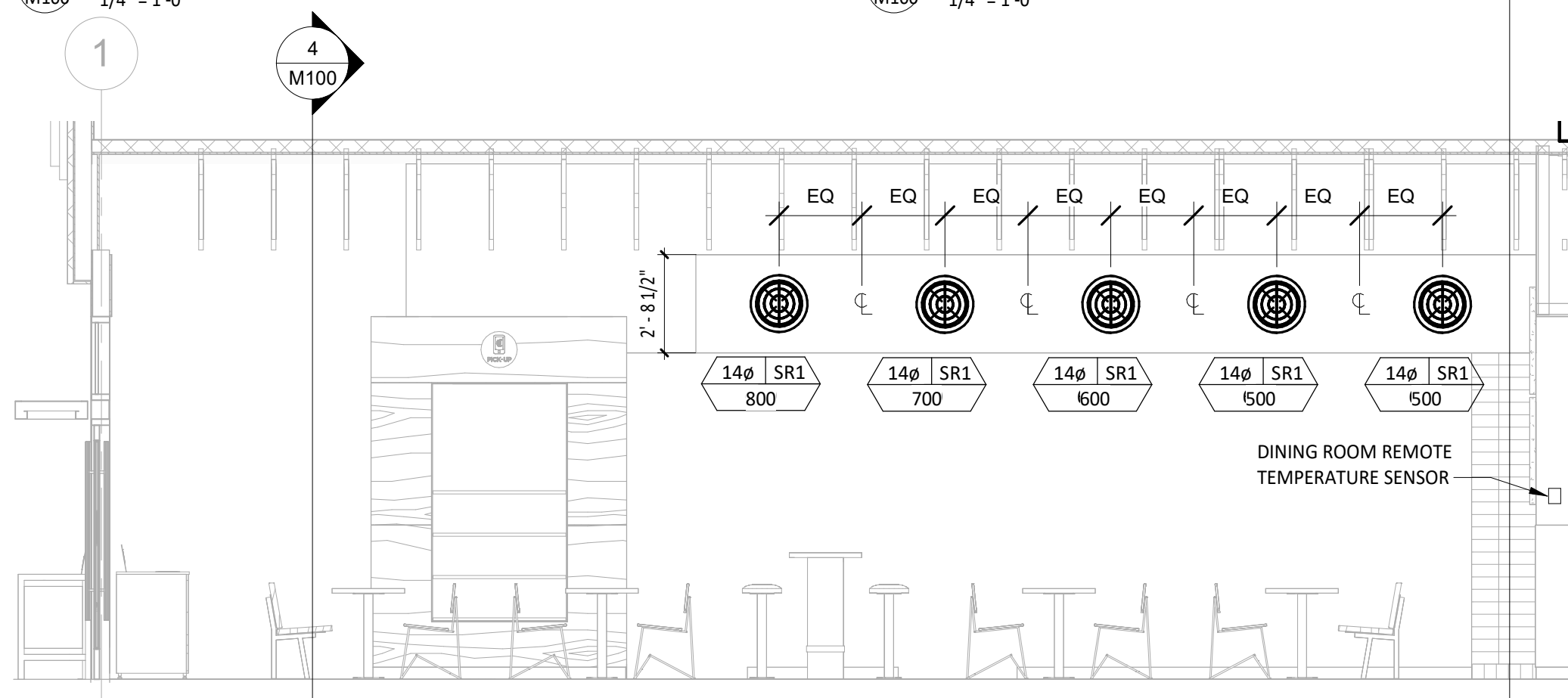
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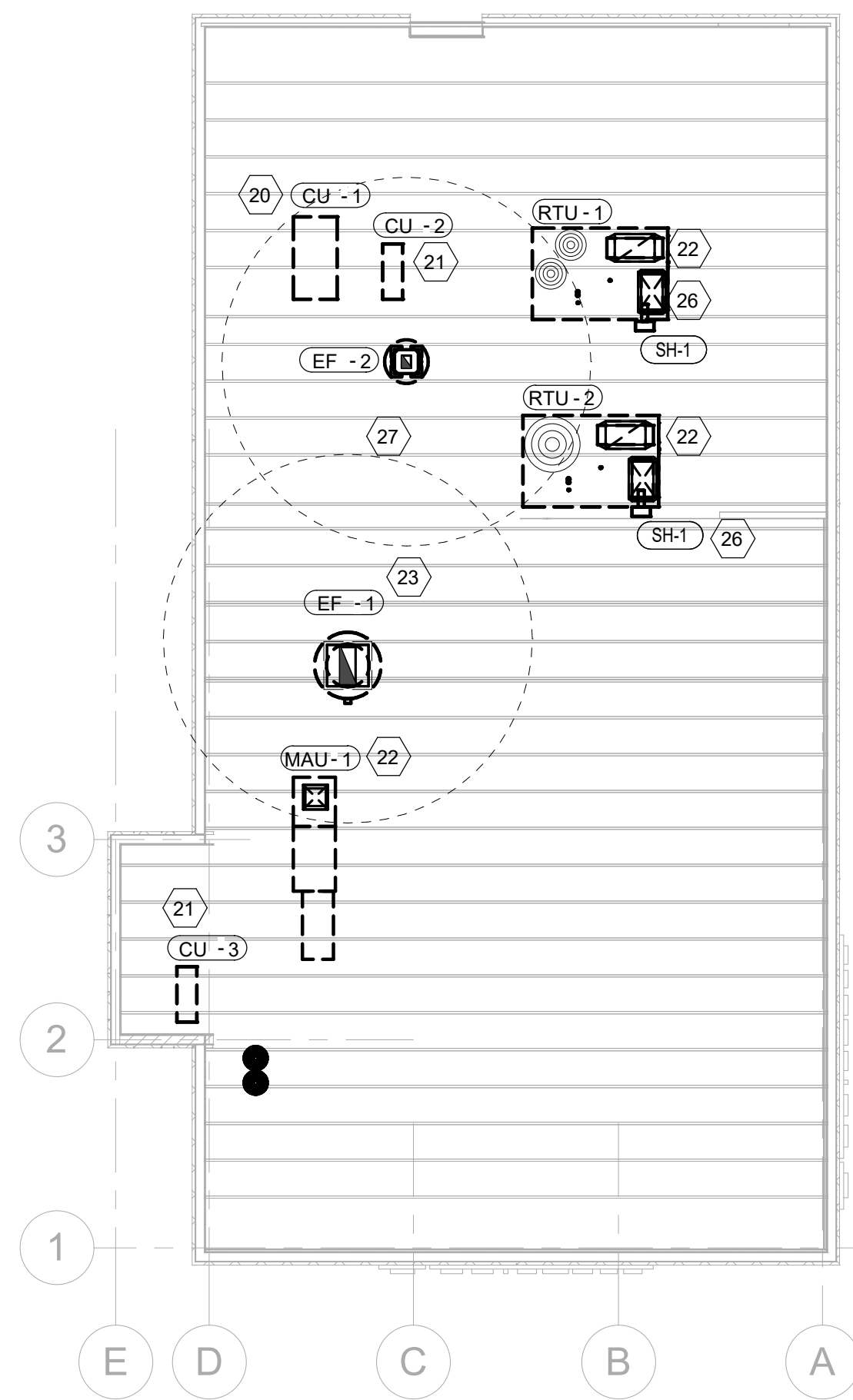
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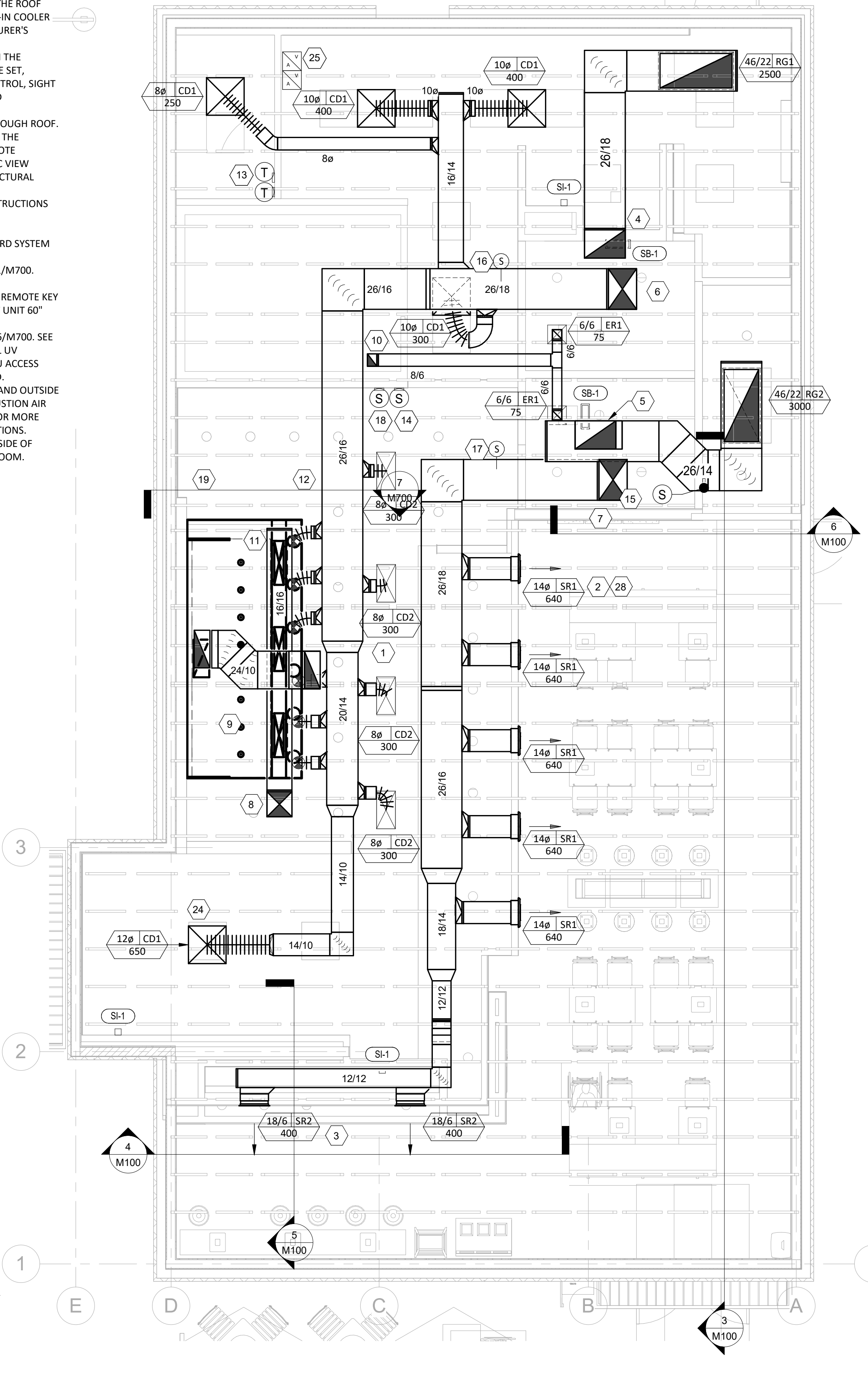
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1/4" = 1'-0"



3 M100
1/4" = 1'-0"



2 M100
1/8" = 1'-0"



1 M100
1/4" = 1'-0"

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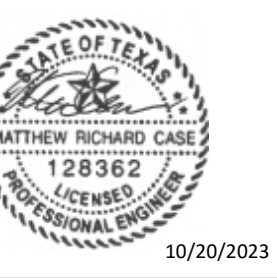
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Issue Record:
03/22/22 FOR PERMIT

Revisions:

Drawn: JW
Checked: MC

Project No.
CMGXXX

Contents:
HVAC PLAN

M100

WALK-IN COOLER/FREEZER							
TAG	VOLUME FT ³ COOLER	FREEZER	REFRIGERANT TYPE	POUNDS OF REFRIGERANT	HORSEPOWER COMPRESSORS	CONDENSATE DRAIN LINE	MANUFACTURERS SPECIFICATION
CU-1	873	-	R-404A	10.4	0.5 HP	SELF-CONTAINED	SEE PDF SUBMITTAL
VAPOR ALARM IS REQUIRED IF THE AMOUNT OF REFRIGERATION IN SYSTEM EXCEEDS THE AMOUNT OF REFRIGERATION ALLOWED IN 2012 UMC - TABLE 1102.							

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.			

FAN SCHEDULE											
TAG	DESCRIPTION	AIRFLOW	E.S.P.	WEIGHT	ELECTRICAL		FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
EF-1	UPBLAST DU180HFA EXHAUST FAN	2,550 CFM	1.45 in-wg	183 lb	2 hp	208/3/60	HS	GC	CAPTIVE-AIRE	DU180HFA	DIRECT DRIVE DU180HFA UPBLAST EXHAUST FAN FURNISHED WITH WEATHERPROOF DISCONNECT AND VENTED ROOF CURB
EF-2	DOWNBLAST RESTROOM EXHAUST FAN	150 CFM	0.60 in-wg	100 lb	0.18 hp	120/1/60	HS	GC	CAPTIVE-AIRE	DR12HFA	DIRECT DRIVE DOWNBLAST RESTROOM EXHAUST FAN FURNISHED WITH INTEGRAL DISCONNECT, SPEED CONTROL, BACKDRAFT DAMPER, AND CURB

VIROGUARD SCHEDULE							
TAG	COUNT	DESCRIPTION	DUCT CONNECTION SIZE	FAN	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER
VG-1	1	VIROGUARD HOOD EXHAUST FAN ROOFTOP CONTAINMENT SYSTEM	18" X 18"	CAPTIVE-AIRE DU240HFA	TDC	GC	ENVIROMATIC

CONDENSING UNIT SCHEDULE															
TAG	DESCRIPTION	NOMINAL CAPACITY	NUMBER OF		REFRIGERANT		WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
			COMPRESSORS	CIRCUITS	TYPE	CHARGE		MOCP	FLA	V/P/H			MANUFACTURER	MODEL	
CU-1	CONDENSING UNIT - WALK-IN COOLER		1	1	R-404A	10.4 lb	250 lb	15 A	9 A	208/1/60	WCS	GC	RUSSELL DOE	RFO060M4SDAALNT	FURNISHED WITH WALK-IN COOLER
CU-2	REMOTE CONDENSER - LOW CAPACITY ICE MAKER		0	1	R-404A	11.46 lb	100 lb			120/1/60	KES	GC	HOSHIZAKI	URC-9F	FURNISHED WITH ICE MAKER
CU-3	REMOTE CONDENSER - SODA MACHINE ICE MAKER		0	1	R-404A	3.86 lb	100 lb			120/1/60	KES	GC	HOSHIZAKI	URC-5F	FURNISHED WITH ICE MAKER

MAKEUP AIR UNIT SCHEDULE															
TAG	DESCRIPTION	AIRFLOW	E.S.P.	HEATING			WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
				INPUT	OUTPUT	EAT		MOTOR POWER	V/P/H	MANUFACTURER			MODEL		
MAU-1	DIRECT-FIRED MAKEUP AIR UNIT	1,300 CFM	0.50 in-wg	70,942 Btu/h	65,267 Btu/h	21 °F	495 lb	2 hp	208/3/60	HS	GC	CAPTIVE-AIRE	A1-D.250-15D	12.5:1 MAX TURNDOWN. FURNISHED WITH DISCONNECT, ROOF CURB, SCREEN INTAKE, AND WASHABLE ALUMINUM FILTERS	

KITCHEN HOOD SCHEDULE																									
TAG	DESCRIPTION	MAX COOKING TEMP.	AIRFLOW	E.S.P.	EXHAUST PLENUM					WEIGHT	FURNISHED BY	INSTALLED BY	PERFORATED SUPPLY PLENUMS				BASIS FOR DESIGN		REMARKS						
					DUCT COLLARS			MAU PLENUM					AC PLENUM		NO. OF LIGHT FIXTURES	MANUFACTURER	MODEL								
					NO.	WIDTH	LENGTH	LENGTH	WIDTH				LENGTH	WIDTH				AIRFLOW		NO.	DIAMETER				
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	600 °F	2,550 CFM	0.96 in-wg	1	10"	24"	13'-9"	4'-3"	54"	19"	1,300 CFM	3	6"	2'-4"	696 CFM	8	8"	8	1,029 lb	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACSP-F	MAT'L: 18 GA. TYPE 430 SS. FURNISHED WITH QUARTER END PANELS, VAPORPROOF INCANDESCENT LIGHT FIXTURES, 16" TALL HE SS FILTERS, INTEGRAL UTILITY CABINET, ANSUL SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTACT, AND 4-POLE 20A CONTACTOR

ROOFTOP UNIT SCHEDULE																											
TAG	DESCRIPTION	NOMINAL CAPACITY	EER	AIRFLOW			NET COOLING CAPACITY				HEATING CAPACITY			NUMBER OF		REFRIGERANT	WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS		
				TOTAL	OA	E.S.P.	TOTAL	SENSIBLE	DB	WB	COND. EAT	INPUT	OUTPUT	EAT	COMPRESSORS			CIRCUITS	TYPE	MOCP			FLA	V/P/H		MANUFACTURER	MODEL
				RTU-1	KITCHEN ROOFTOP UNIT	10 ton	12	4,000 CFM	500 CFM	1.0 in-wg	118,000 Btu/h	91,000 Btu/h	80 °F	67 °F	80 °F			250,000 Btu/h	205,000 Btu/h	65 °F			2	2		R-410A	1,445 lb
RTU-2	DINING ROOM ROOFTOP UNIT	10 ton	12	4,000 CFM	1,000 CFM	1.0 in-wg	118,000 Btu/h	91,000 Btu/h	80 °F	67 °F	80 °F	250,000 Btu/h	205,000 Btu/h	65 °F	2	2	R-410A	1,445 lb	60 A	58 A	208/3/60	CMG	GC	CARRIER	48FCFN12	FURNISHED WITH COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, HOT GAS REHEAT & UNIT-MOUNTED CONVENIENCE RECEPTACLE	

AIR BALANCE SCHEDULE				
TAG	SUPPLY FLOW	RETURN FLOW	EXHAUST FLOW	SUBTOTAL
EF-1	0 CFM	0 CFM	3,200 CFM	-3,200 CFM
EF-2	0 CFM	0 CFM	150 CFM	-150 CFM
MAU-1	1,950 CFM	0 CFM	0 CFM	1,950 CFM
RTU-1	3,000 CFM	2,500 CFM	0 CFM	500 CFM
RTU-2	4,000 CFM	3,000 CFM	0 CFM	1,000 CFM
NET PRESSURIZATION				100 CFM

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.

AIR TERMINAL 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 WITH INTEGRAL OBD			
CD2	PERFORATED CEILING DIFFUSER	24" X 12"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE WITH INTEGRAL OBD, REMOVE 4-WAY DEFLECTORS			
CD3	PERFORATED CEILING DIFFUSER	12" X 12"	ALUMINUM	WHITE	FLANGED	GC	GC	NAILOR	4320A TYPE L	PROVIDE WITH INTEGRAL OBD			
ER1	PERFORATED CEILING EXHAUST	12" X 12"	ALUMINUM	WHITE	SURFACE MOUNT	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				
RG3	PERFORATED CEILING RETURN	48" X 24"	ALUMINUM	WHITE	SURFACE MOUNT	GC	GC	NAILOR	4330R TYPE S				
SR1	ADJUSTABLE TURBO NOZZLE	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	AIR CONCEPTS	ANR-14	PROVIDE WITH CONCEALED MOUNTING AND FACE-ACCESSIBLE OBD			
SR2	DOUBLE DEFLECTION SUPPLY REGISTER	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	NAILOR	51DH	PROVIDE WITH INTEGRAL OBD			

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Issue Record:

03/22/22 FOR PERMIT

Revisions:

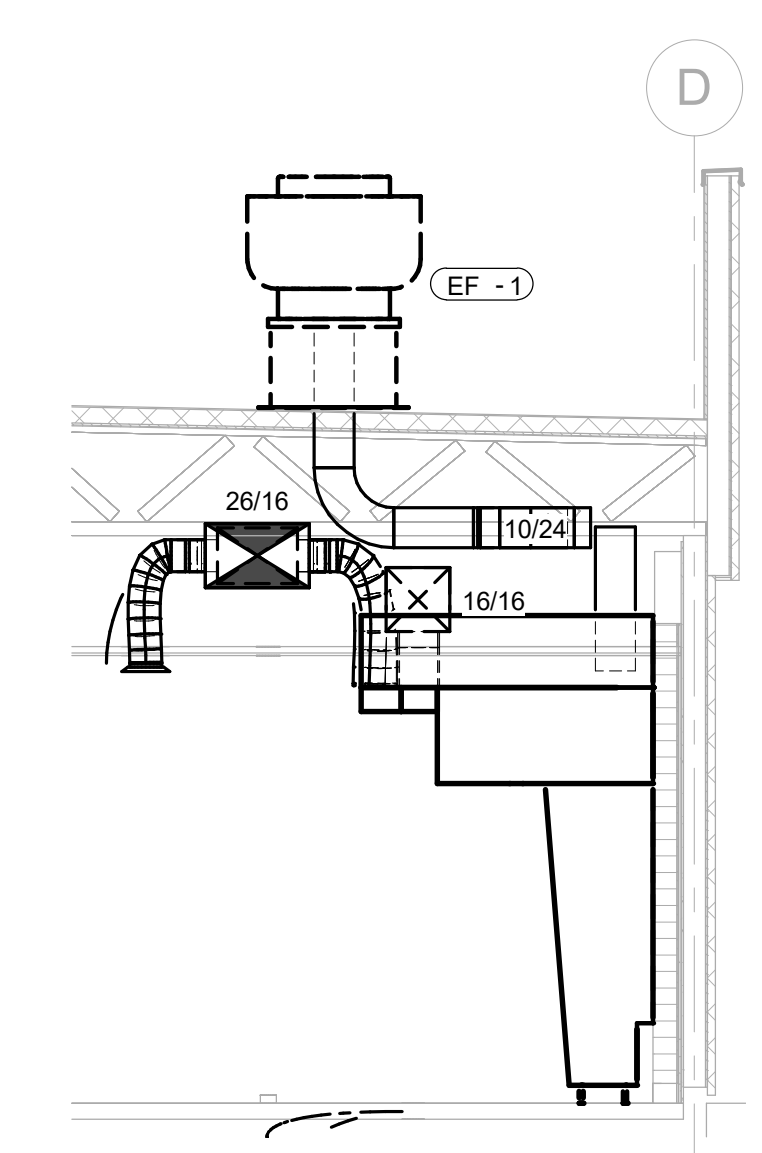
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Project No. CMGXXX

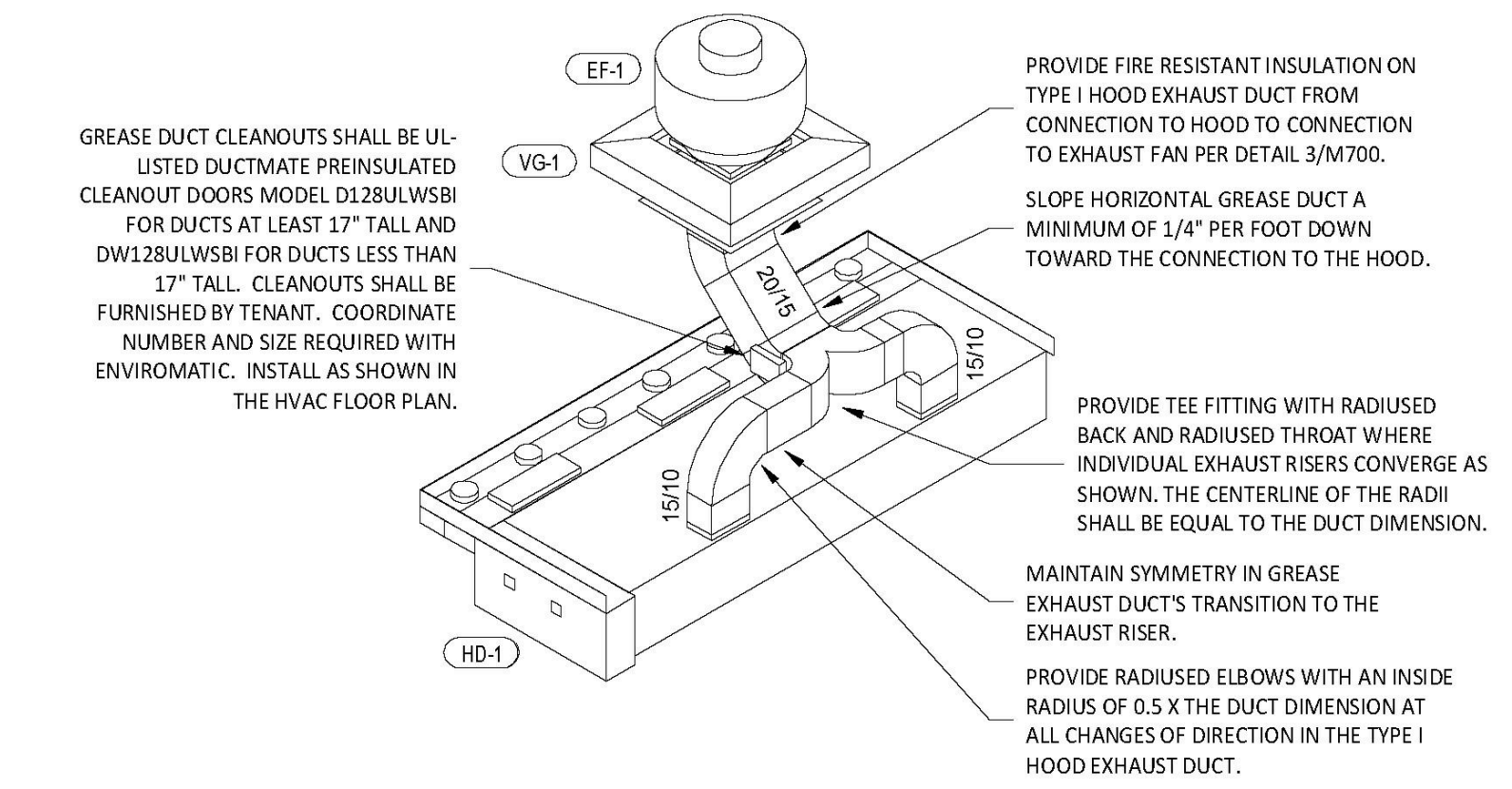
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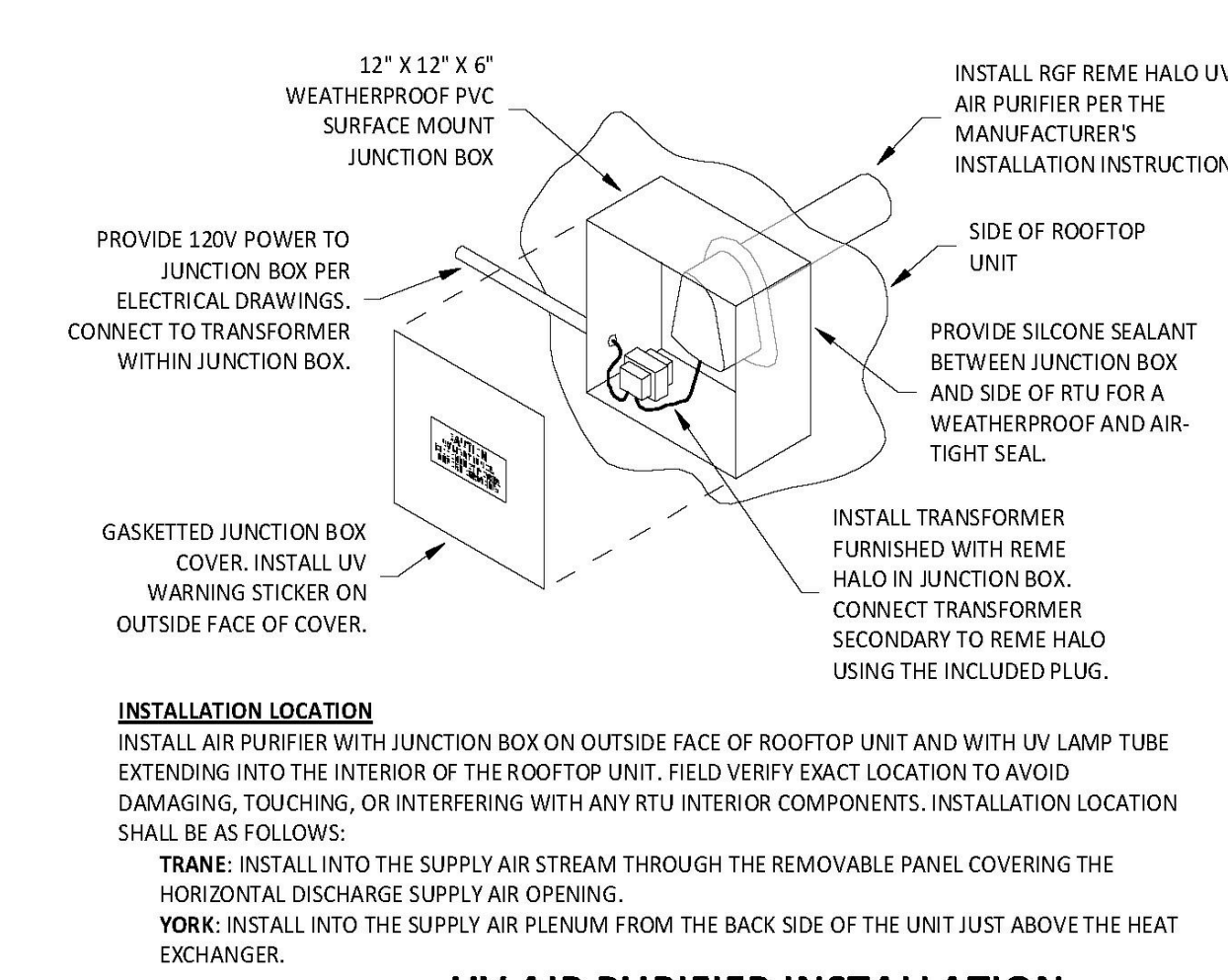
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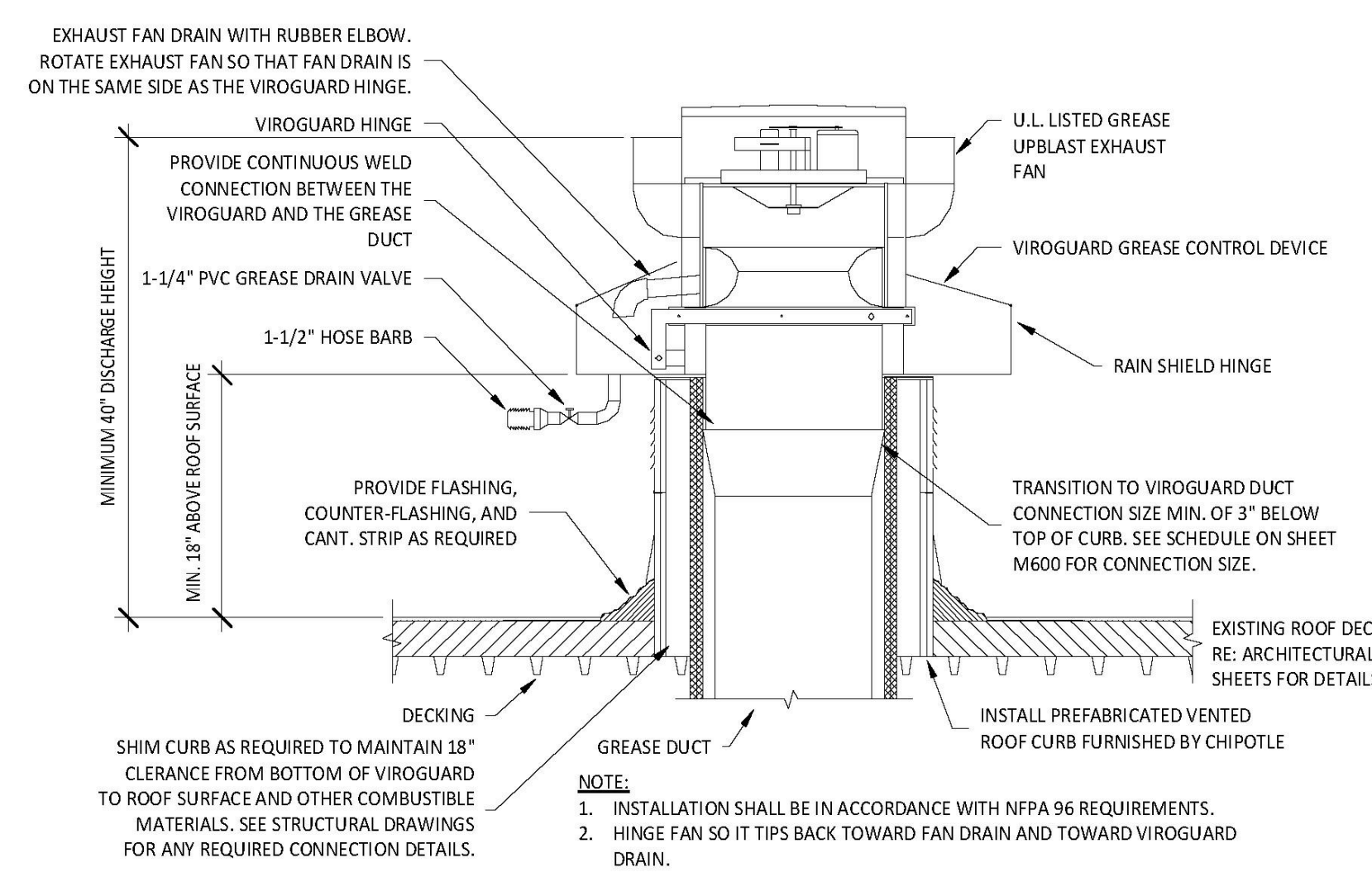
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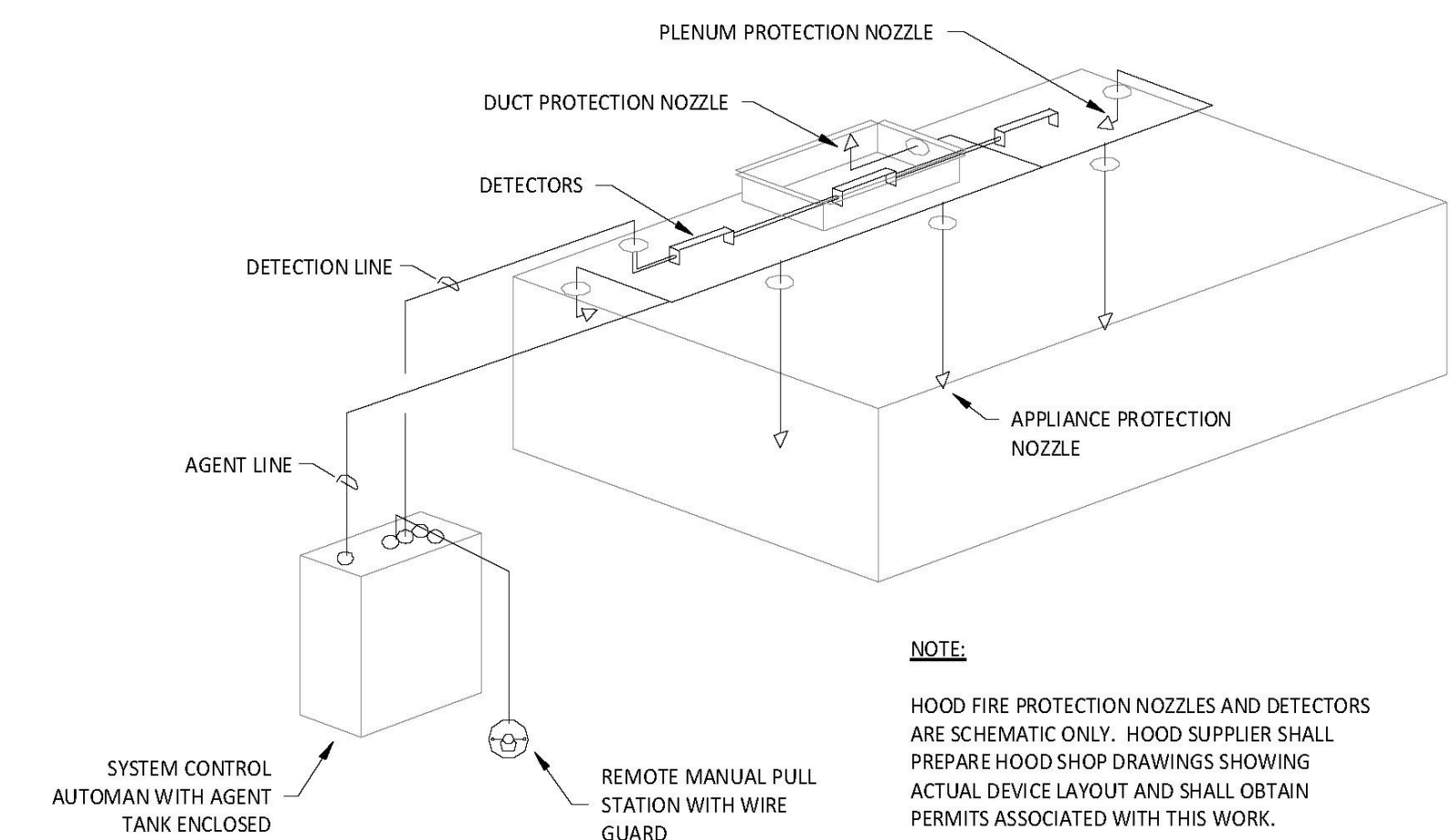
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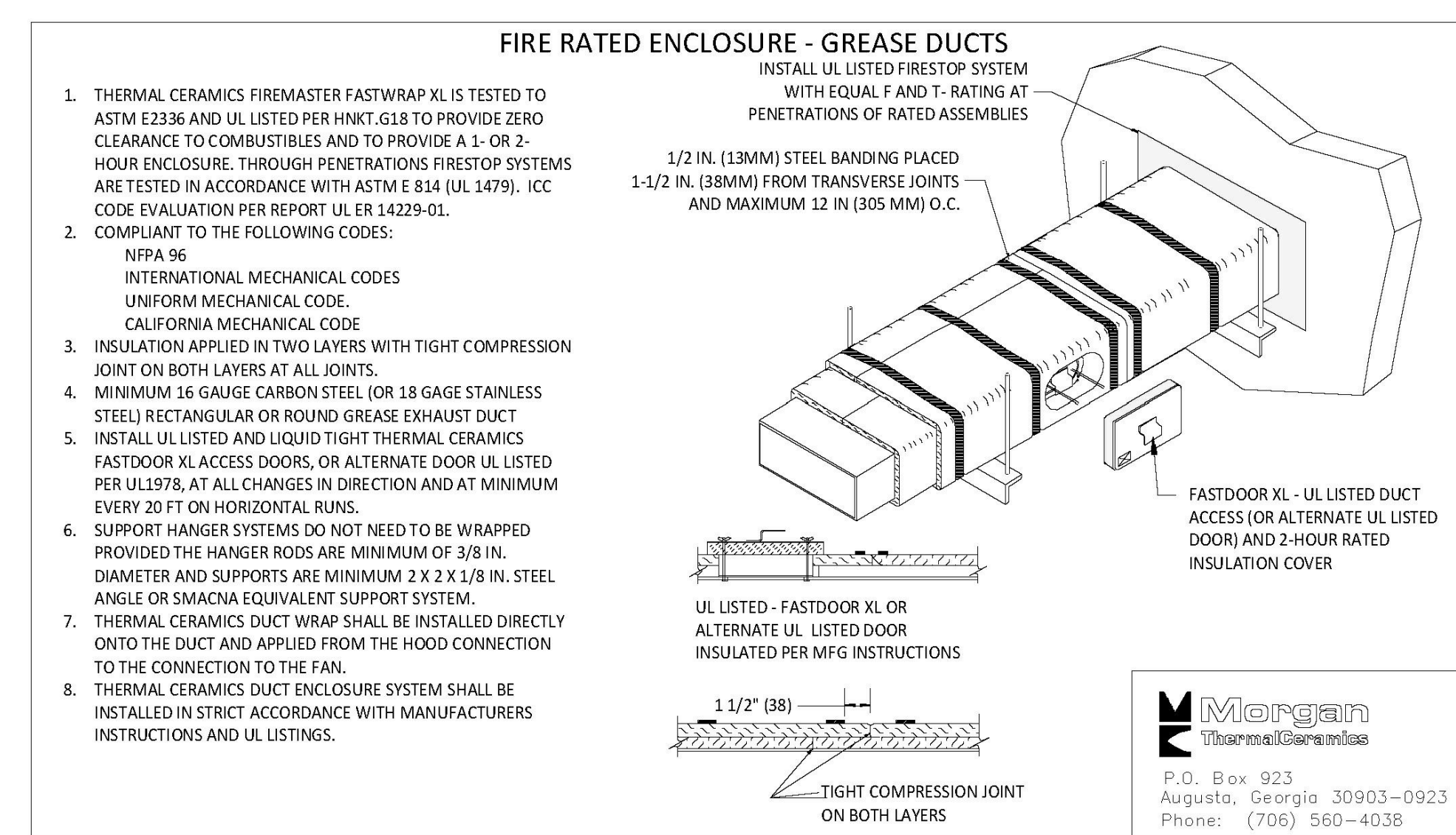
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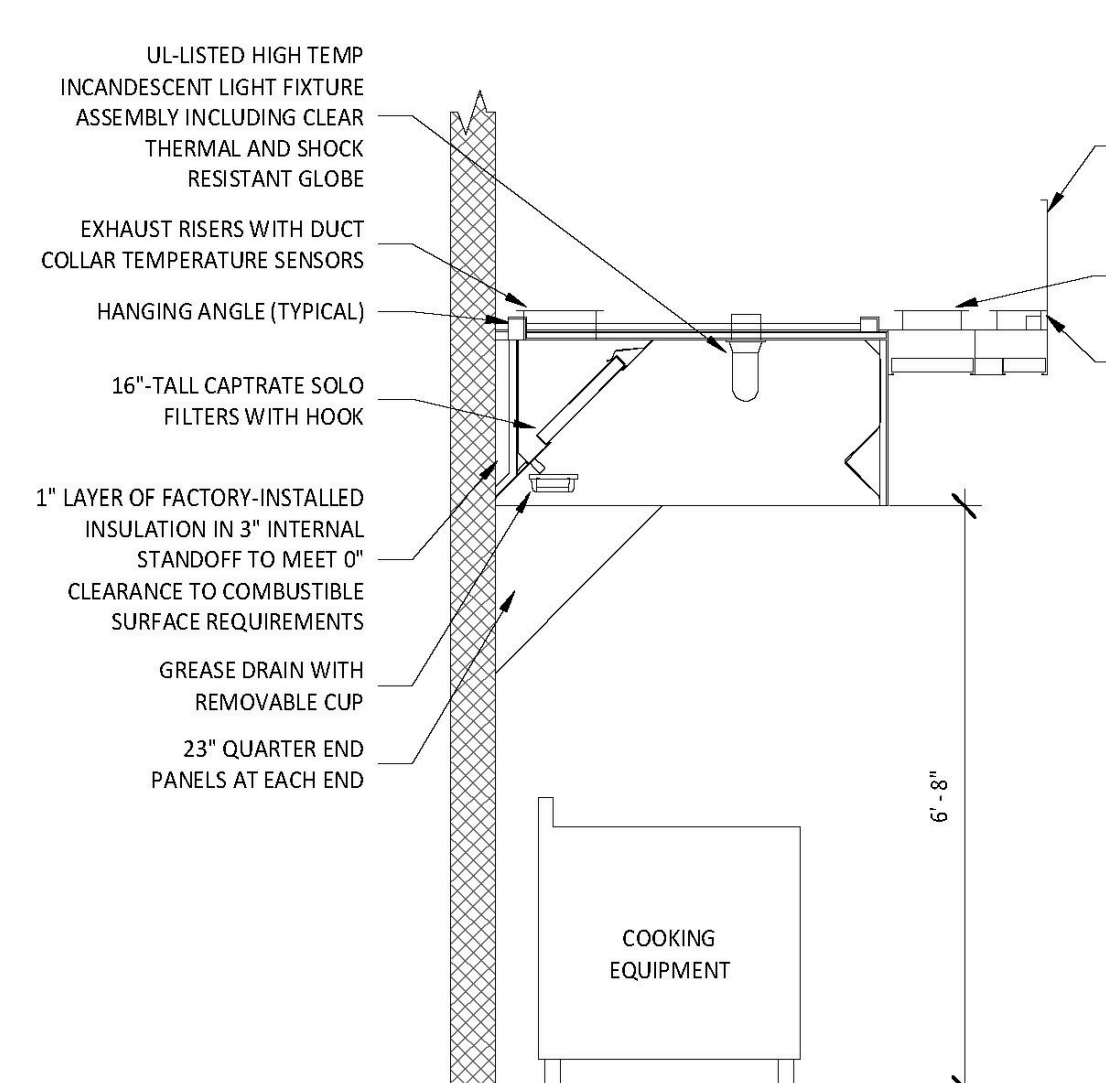
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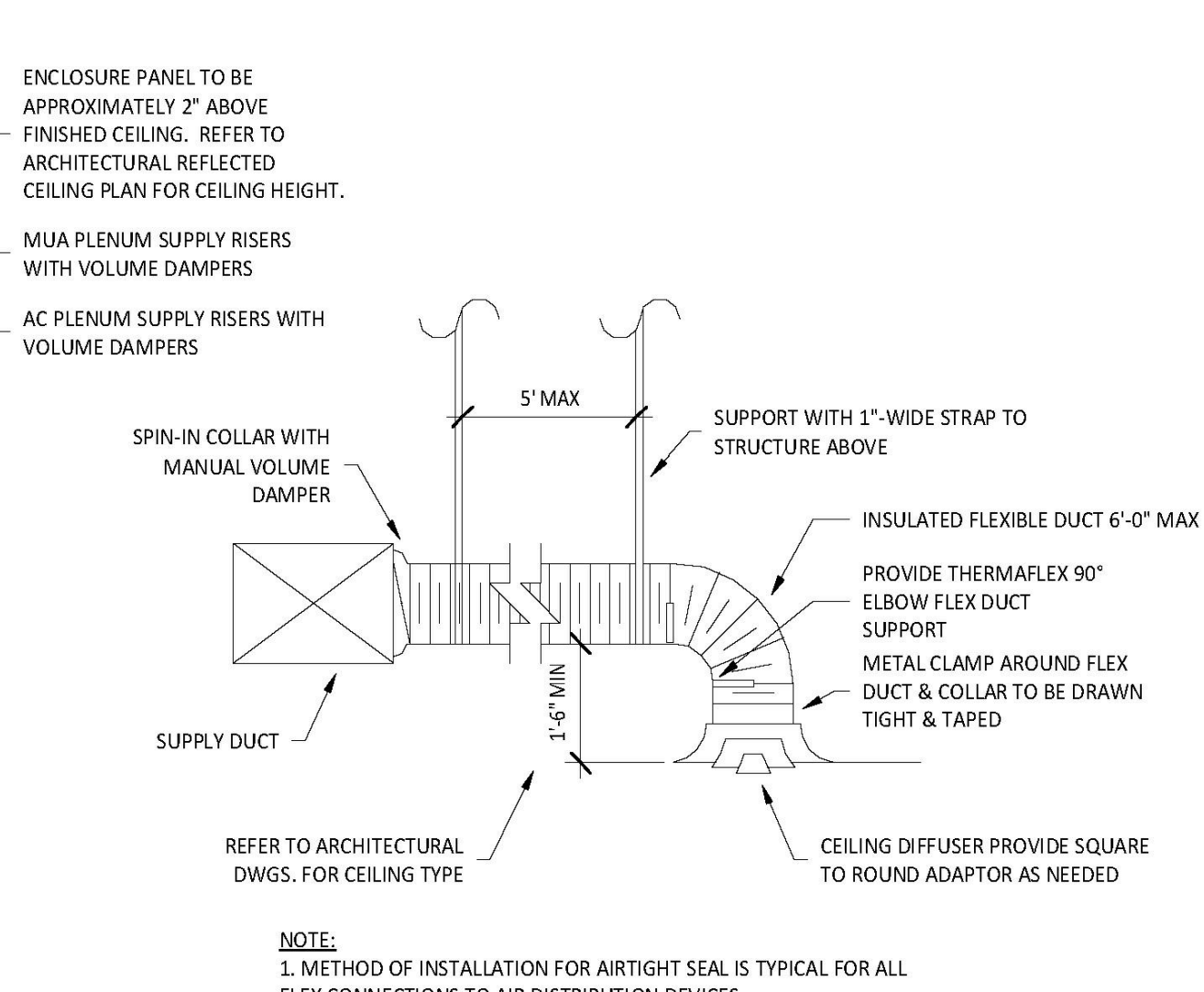
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N.T.S.



3
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N.T.S.



2
M700
N.T.S.



1
M700
N.T.S.

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WILLIS, TX 77378

Issue Record:

Date	Description
03/22/22	FOR PERMIT

Revisions:

Drawn: JW
Checked: MC

Project No: CMGXXX

Contents:

MECHANICAL DETAILS

M700

PLUMBING SUPPLY PLAN NOTES

- 1 SEE CIVIL UTILITY PLAN FOR CONTINUATION OF 1-1/2" DOMESTIC WATER SERVICE.
- 2 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.
- 3 PROVIDE WATER HEATERS DWH-1 AND DWH-2 PER DETAIL 1/P700.
- 4 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.
- 5 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.
- 6 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.
- 7 PROVIDE NEW GAS METER. SEE CIVIL UTILITY PLAN FOR ON-SITE GAS ROUTING.
- 8 PROVIDE GAS CONNECTIONS TO THE COOKING EQUIPMENT PER DETAIL 7/P700.
- 9 SUPPORT THE GAS PIPE ON THE ROOF PER DETAIL 5/P700. WOOD BLOCKING IS NOT AN ACCEPTABLE METHOD OF SUPPORTING THE GAS PIPE.
- 10 PROVIDE ACCESSIBLE LINE-SIZED GAS VALVE, DIRT LEG, AND UNION AT GAS CONNECTION TO THE EQUIPMENT.
- 11 REFER TO ARCHITECTURAL DRAWINGS FOR PAINTING OF INTERIOR AND EXTERIOR EXPOSED GAS PIPE.
- 12 PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- 13 PROVIDE DOMESTIC WATER ROUGH-INS FOR THE VICTORY WASH DISPENSER FAUCET (HB-2) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- 14 PROVIDE ROUGH-INS TO RESTROOM HAND SINKS AS SHOWN IN DETAIL 14/P700.
- 15 PROVIDE KITCHEN EQUIPMENT GAS SHUTOFF 6" BELOW THE CEILING PER DETAIL 4/P700.
- 16 CONNECT CHEMICAL DISPENSER TO HB-1. CHEMICAL DISPENSER HAS AN INTEGRAL AIR GAP AS IS SHOWN IN DETAIL 10/P700.
- 17 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 TEMPERATURES OF APPROXIMATELY 110°F.
- 18 PROVIDE ACCESSIBLE VALVE IN WATER SUPPLY TO FIXTURE AS SHOWN.
- 19 PROVIDE GAS CONNECTION TO THE RICE COOKER PER DETAIL 6/P700. ADD EXTRA GAS STUB FOR FUTURE RICE COOKER CONNECTION.
- 20 PROVIDE GAS ROUGH-IN TO FRYER BEHIND RICE COOKER TABLE SO THAT VALVES AND DIRT LEG ARE ACCESSIBLE ONCE FRYER IS SECURED INTO PLACE.
- 21 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.
- 22 INSTALL RGF IMSD ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS.
- 23 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 WAS CHEMICAL DOCK TO BE INSTALLED DIRECTLY BELOW THE PREP SINK BASIN.
- 24 PROVIDE 3/4" HOT WATER TO THE DISH MACHINE, MAKING FINAL CONNECTION USING 3/4" COPPER PIPE ONCE DISH MACHINE IS IN ITS FINAL LOCATION (FLEXIBLE CONNECTION IS NOT ACCEPTABLE). PROVIDE WATER HAMMER ARRESTOR ON HOT WATER LINE. PROVIDE AN ACCESSIBLE SHUTOFF VALVE AND UNION BELOW THE DISH MACHINE AND INSTALL THE STRAINER AND PRESSURE REDUCING VALVE FURNISHED WITH THE DISH MACHINE IN AN ACCESSIBLE LOCATION AT THE CONNECTION TO THE UNIT.
- 25 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.
- 26 PROVIDE FILTERED DOMESTIC WATER ROUGH-IN FOR THE SPEED FILL POT FILLER FAUCET (PF-1) AT 40" AFF. SEE ARCHITECTURAL ELEVATION FOR DETAIL.
- 27 PROVIDE WATER SERVICE ENTRY PER DETAIL 16/P700.
- 28 INSTALL RGF IMSB ICE MAKE 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.
- 29 PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- 30 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).
- 31 PROVIDE WATER SOFTENER AS SHOWN IN DETAIL 2/P100. PROVIDE WATTS 009 RP2 BEFORE SOFTENER CONNECTION.

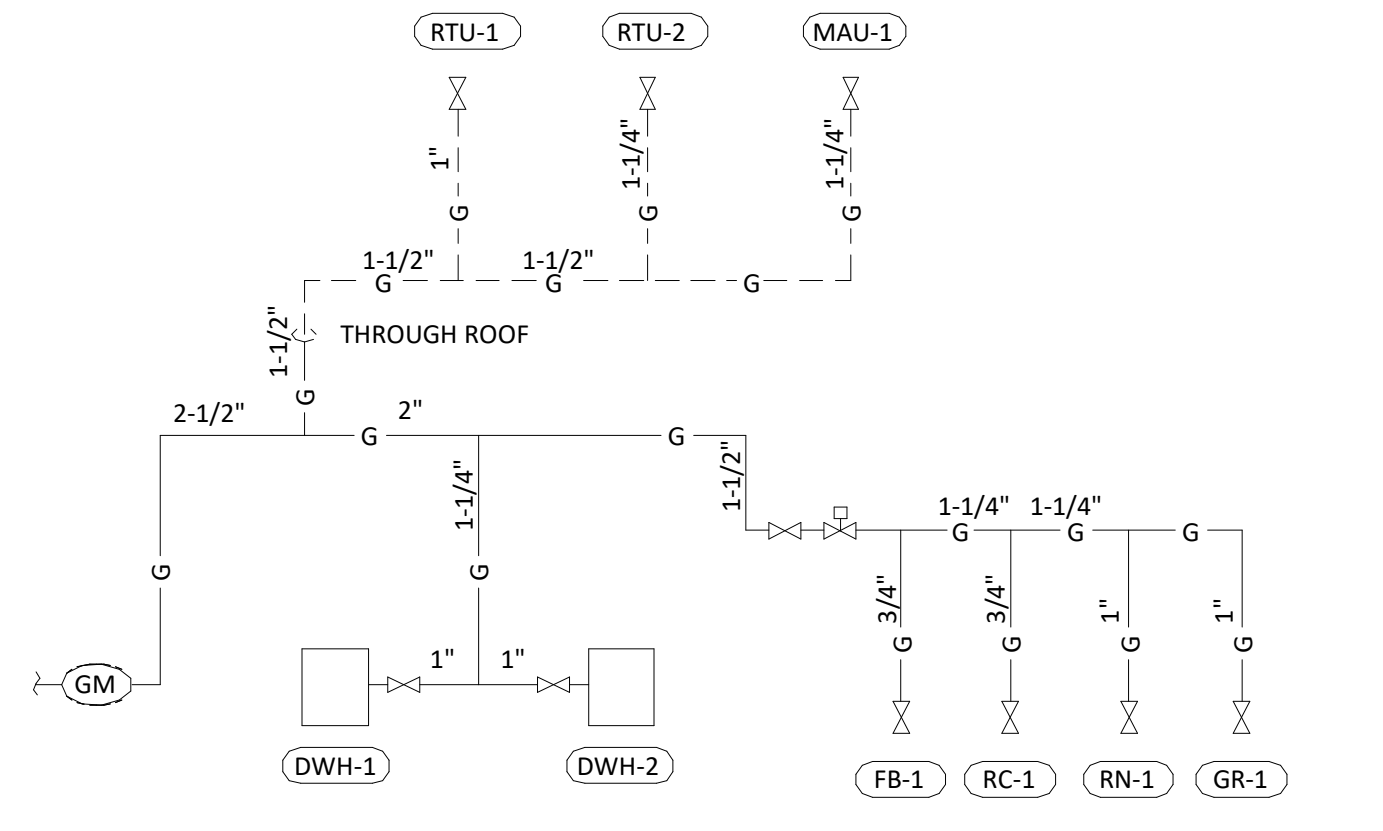
NOTE:
ENSURE ALL TRAP PRIMERS ARE ACCESSIBLE. DO NOT LOCATE ABOVE ANY LARGE PIECES OF EQUIPMENT.

NOTE:
COORDINATE ALL PLUMBING LOCATIONS WITH ELECTRICAL LOCATIONS. WATER LINES NOT TO BE INSTALLED ABOVE RECEPTACLES.

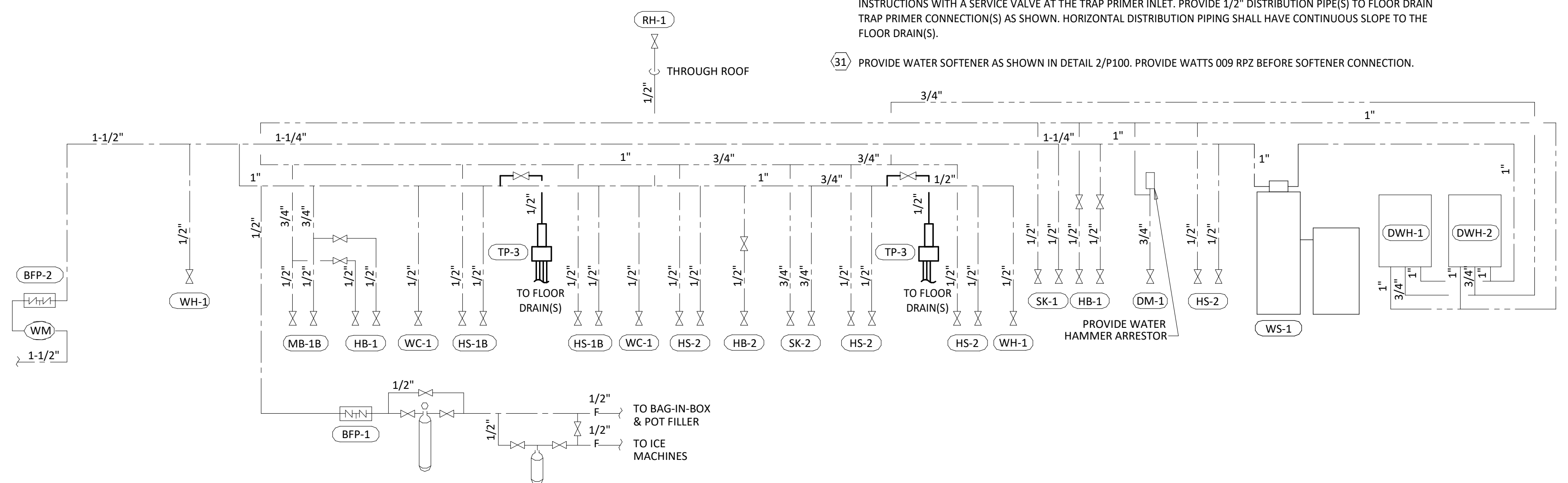
CONNECTED GAS LOAD

FIXTURE	TAG	MBH	EQUIVALENT LENGTH FROM METER [FT]
WATER HEATER	DWH-1	199	50
WATER HEATER	DWH-2	199	50
FRYER	FB-1	95	85
GRIDDLE	GR-1	107	95
MAKEUP AIR UNIT	MAU-1	225	100
RICE COOKER	RC-1	35	90
RICE COOKER (FUTURE)	RC-1	35	90
RANGE	RN-1	192	95
KITCHEN ROOFTOP UNIT	RTU-1	180	50
DINING ROOM ROOFTOP UNIT	RTU-2	240	65
Grand total		1507	MAX: 100

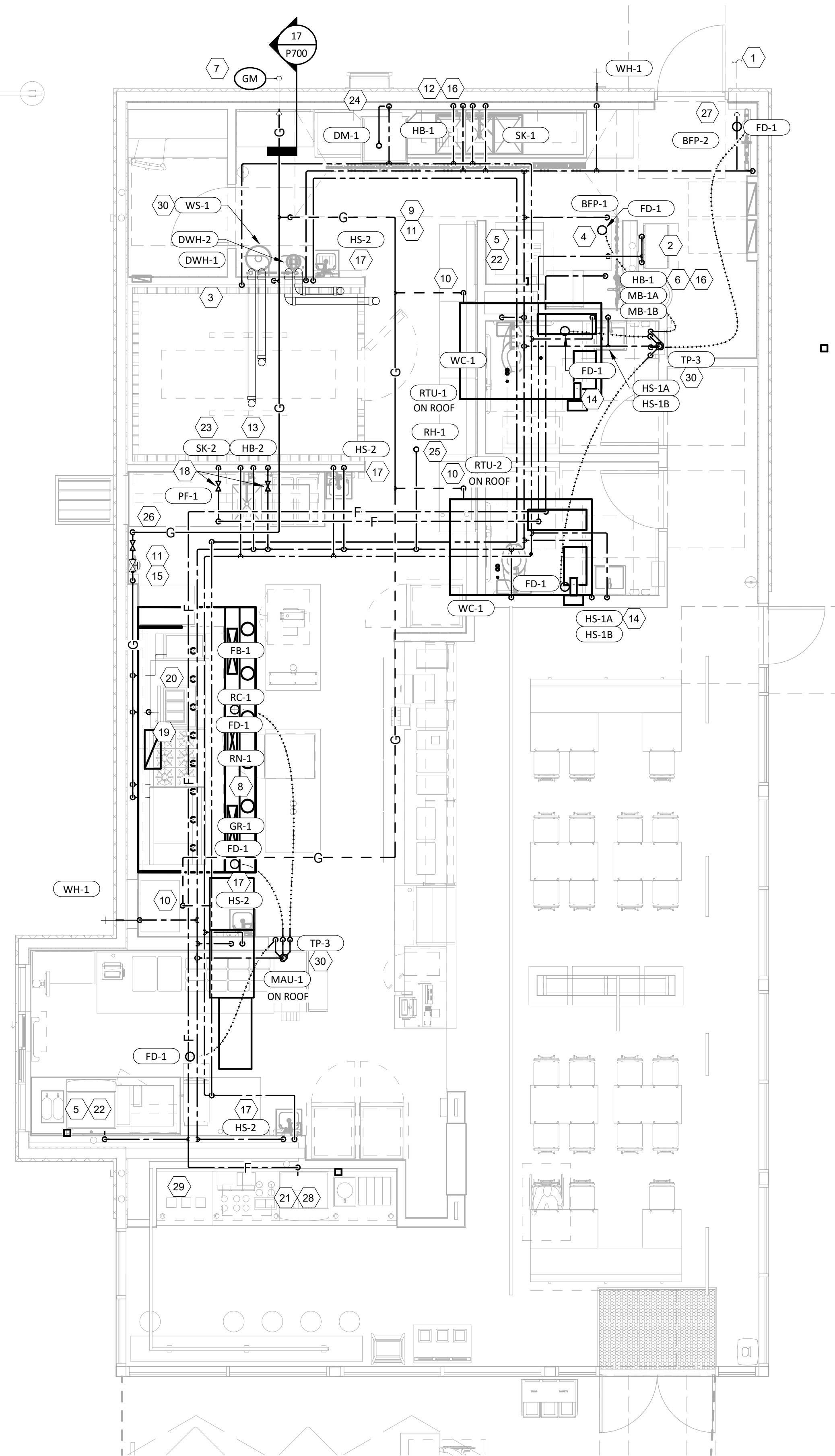
NOTES:
1. PRESSURE REQUIRED AFTER METER: 7" W.C.
2. DISTANCES ARE APPROXIMATE



3 GAS DISTRIBUTION DIAGRAM
NOT TO SCALE



2 PLUMBING SUPPLY DIAGRAM
NOT TO SCALE



1 PLUMBING SUPPLY PLAN
1/4" = 1'-0"

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10/20/2023

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Contents:
PLUMBING PLAN
WATER & GAS

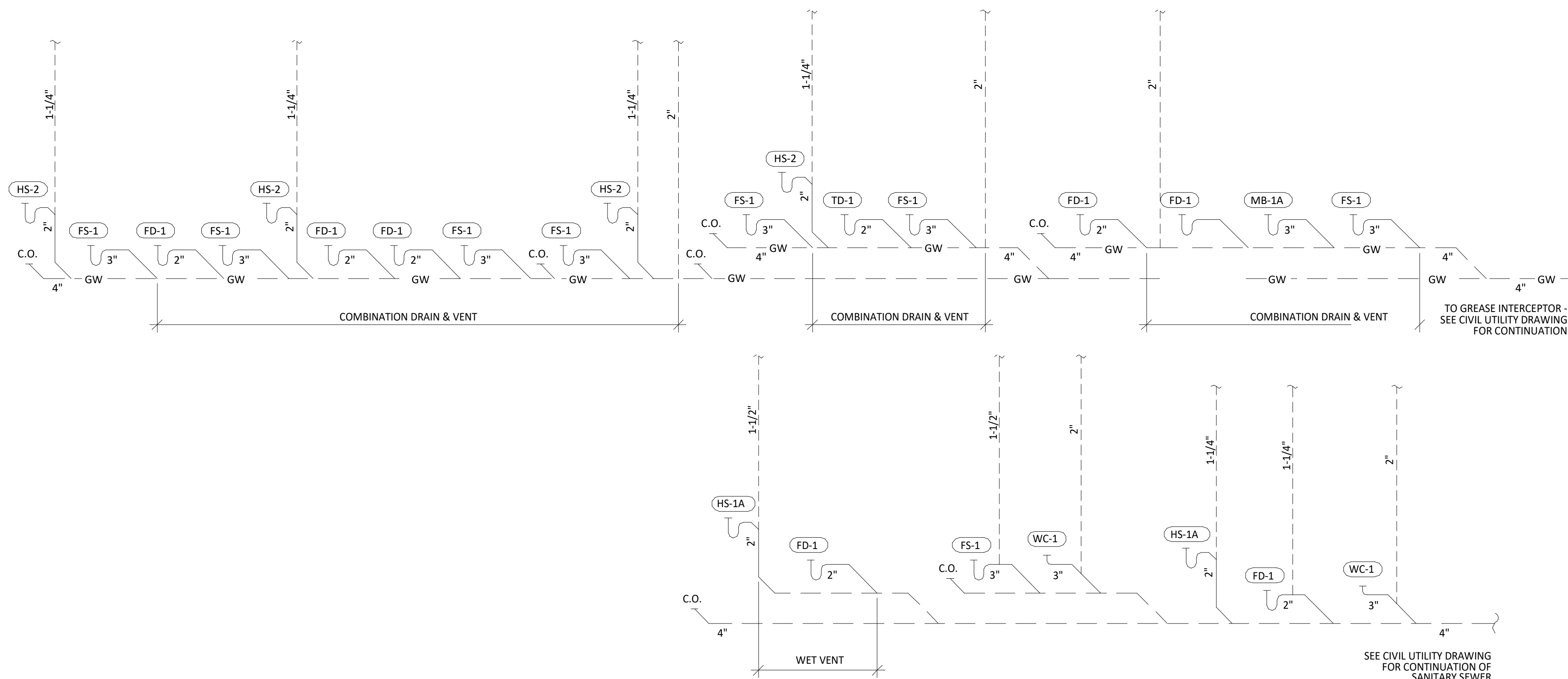
P100

DRAINAGE FIXTURE UNITS FOR GREASE WASTE			
FIXTURE	DRAINAGE FIXTURE UNITS	NUMBER OF FIXTURES	TOTAL DRAINAGE FIXTURE UNITS
2" FLOOR DRAINS	3	4	12
3" FLOOR SINK	4	5	20
4" TRENCH DRAIN	5	1	5
MOP BASIN	3	1	3
HAND SINKS	2	4	8
TOTAL DRAINAGE FIXTURE UNITS			48

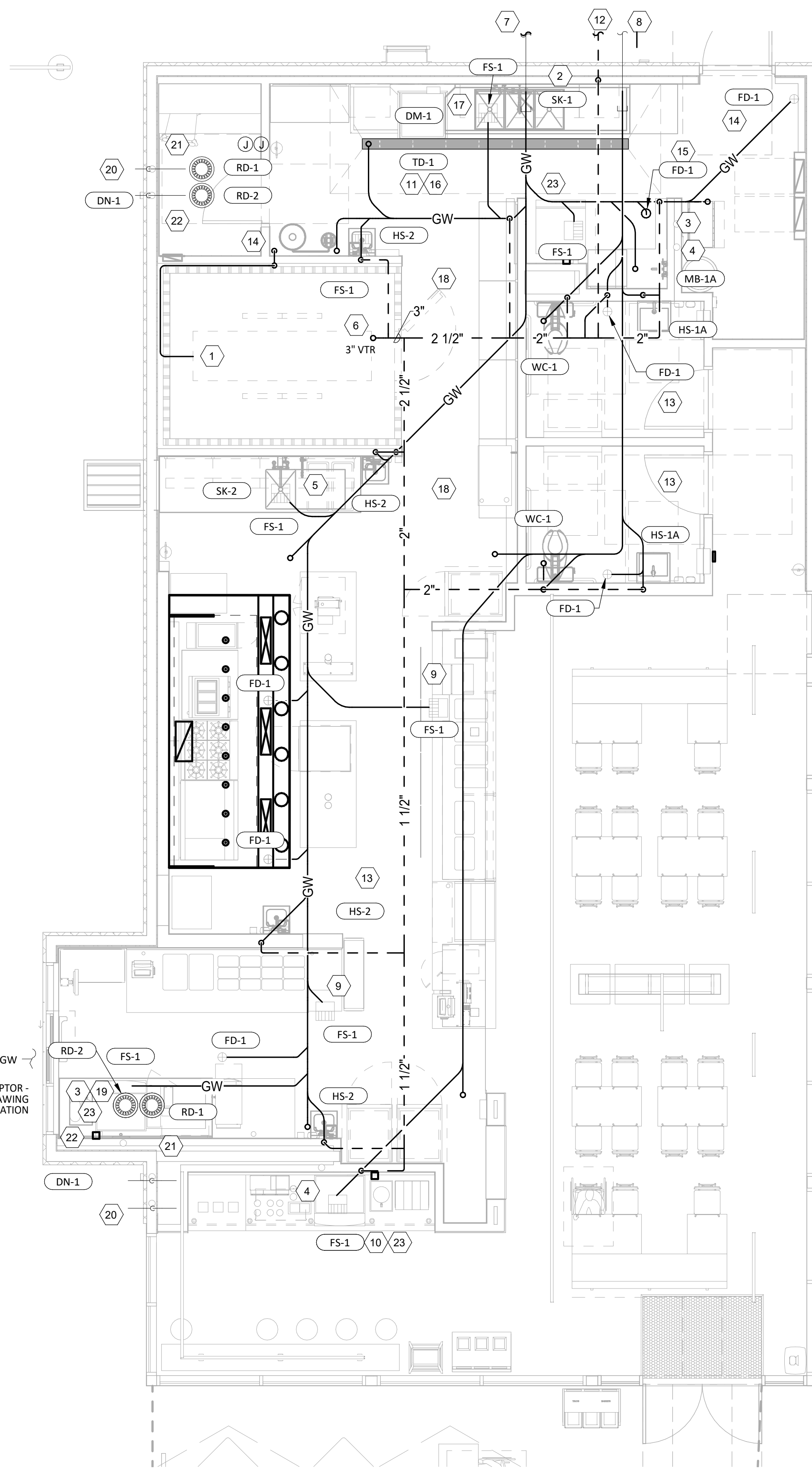
GRAVITY GREASE INTERCEPTOR SIZING	
DFU'S	INTERCEPTOR VOLUME
8	500 GALLONS
21	750 GALLONS
36	1,000 GALLONS
90	1,250 GALLONS
172	1,500 GALLONS

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.
- NOT USED.
- 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.
- PROVIDE GREASE INTERCEPTOR GI-1. SEE CIVIL UTILITY PLAN FOR GI-1 LOCATIN AND FOR CONTINUATION OF 4" GREASE WASTE PIPE TO GI-1.
- SEE CIVIL UTILITY PLAN FOR CONTINUATION OF 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 BELOW THE UTENSIL COUNTER.
- TRIM TENCH 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.
- PROVIDE 2" VENT TO GREASE INTERCEPTOR GI-1. SEE CIVIL UTILITY PLAN FOR GI-1 LOCATION.
- 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 PER 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 INSULATED COPPER DRAIN LINES FOR THE TEA TRAY DRAIN AND THE SODA MACHINE DRAIN. ROUTE TEA TRAY AND SODA MACHINE DRAINS BEHIND THE SHELF AND COLD TABLE TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP.
- SEE CIVIL UTILITY PLAN FOR CONTINUATION OF 4" STORM SEWER.
- PROVIDE 3" STORM DRAIN CONDUCTOR FROM PRIMARY ROOF DRAIN RD-1 DOWN IN WALL TO 4" STORM DRAIN BELOW GRADE. INTERIOR HORIZONTAL STORM DRAIN CONDUCTORS SHALL BE SLOPED A MINIMUM OF 1/2" PER FOOT.
- PROVIDE 3" STORM DRAIN CONDUCTOR FROM SECONDARY ROOF DRAIN RD-2 TO DOWNSPOUT NOZZLE DN-1 MOUNTED AT 24" AFF. INTERIOR HORIZONTAL STORM DRAIN CONDUCTORS SHALL BE SLOPED A MINIMUM OF 1/2" PER FOOT.
- PROVIDE PVC DRAIN PIPES FROM THE ICE MACHINE TO THE FLOR 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.



2 SANITARY WASTE & VENT DIAGRAM
P110 NOT TO SCALE



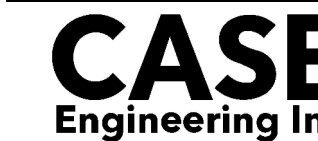
1 SANITARY WASTE & VENT PLAN
P110 1/4" = 1'-0"

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Contents:

PLUMBING PLAN
WASTE & VENT

P110

PLUMBING FIXTURE / EQUIPMENT SCHEDULE

TAG	FIXTURE	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL NUMBER	DESCRIPTION	CONNECTION SIZES			QUANTITY	FIXTURE UNITS (EACH)				FIXTURE UNITS (TOTAL)			
							HW	CW	WASTE		CW	HW	TOTAL	SAN	CW	HW	TOTAL	SAN
BFP-1	REDUCED PRESSURE BACKFLOW PREVENTER	GC	GC	CONBRACO	40-200-T25	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE	--	1/2"	--	1	--	--	--	--	--	--	--	--
BFP-2	RPZ BACKFLOW PREVENTER	GC	GC	CONBRACO	40-200-T25	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE AND AIR GAP FITTING	--	1-1/2"	--	1	--	--	--	--	--	--	--	--
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)	KES	GC	SEE ARCH	-	CHEMICAL SANITIZING DISH MACHINE WITH INTEGRAL ELECTRIC BOOSTER HEATER AND PUMPED OUTLET	3/4"	0"	5/8"	1	--	3	3	-	1	--	--	-
DN-1	DOWNSPOUT NOZZLE	GC	GC	WATTS	RD-950	STAINLESS STEEL DOWNSPOUT COVER WITH PERFORATED HINGED STRAINER	--	--	3"	2	--	--	--	-	--	--	--	-
ET-1	EXPANSION TANK	GC	GC	AMTROL	ST-5	2 GALLON CAPACITY	--	3/4"	-	1	--	--	--	-	--	--	--	-
FD-1	FLOOR DRAIN	GC	GC	SIOUX CHIEF	842-2-PNR	ADJUSTABLE FLOOR DRAIN, ROUND POLISHED METAL RING AND STRAINER	--	--	2"	7	--	--	--	2	--	--	--	14
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	--	--	3"	7	--	--	--	5	--	--	--	35
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.	1/2"	1/2"	--	2	1.5	1.5	2	--	3	3	4	--
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.	--	1/2"	--	1	1.5	--	1.5	--	1.5	--	1.5	--
HS-1A	RESTROOM HAND SINK	GC	GC	KOHLER	K-2084	ADA-ACCESSIBLE, WALL-MOUNTED, PORCELAIN LAVATORY. PROVIDE ZURN Z1231 (Z1231-D FOR BACK-TO-BACK APPLICATIONS) CONCEALED ARM CARRIER IN WALL.	-	-	2"	2	-	-	-	1	-	-	-	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.	1/2"	1/2"	--	2	1.5	1.5	2	--	3	3	4	--
HS-2	KITCHEN HAND SINK	KES	GC	FURNISHED BY KES	--	STAINLESS STEEL SINK WITH WALL MOUNTING BRACKET AND BACKSPASH MOUNTED FAUCET WITH SWIVEL GOOSENECK	1/2"	1/2"	2"	4	1.5	1.5	2	1	6	6	8	4
MB-1A	MOP BASIN	GC	GC	FIAT	MS82424	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.	-	-	3"	1	-	-	-	3	-	-	-	3
MB-1B	MOP BASIN FAUCET	KES	GC	FURNISHED BY KES	--	SERVICE SINK FAUCET WITH BUILT IN STOPS, LEVER HANDLES, AND WALL BRACE.	1/2"	1/2"	--	1	2.25	2.25	3	--	2.25	2.25	3	--
PF-1	POT FILLER	KES	GC	FURNISHED BY KES	--	WALL-MOUNTED POT FILLER W/ SELF-CLOSING FILLER VALVE AND 3/8" NPT FEMALE INLET	-	1/2"	--	1	1.5	--	1.5	--	1.5	--	1.5	--
RD-1	ROOF DRAIN	GC	GC	WATTS	RD-103	EPOXY COATED CAST IRON ROOF DRAIN WITH FLASHING CLAMP WITH INTEGRAL GRAVEL STOP, SELF-LOCKING POLYETHYLENE DOME, AND NO HUB OUTLET	-	-	3"	2	--	--	--	-	--	--	--	-
RD-2	ROOF DRAIN	GC	GC	WATTS	RD-103-W	EPOXY COATED CAST IRON OVERFLOW ROOF DRAIN WITH FLASHING CLAMP WITH INTEGRAL 4 IN. (102MM) HIGH INTERNAL STANDPIPE, SELF-LOCKING POLYETHYLENE DOME, AND NO HUB OUTLET	-	-	3"	2	--	--	--	-	--	--	--	-
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	-	3/4"	--	1	1	-	1	--	1	--	1	--
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	1/2"	1/2"	2"	1	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.	3/4"	3/4"	2"	1	3	3	4	--	3	3	4	--
TD-1	TRENCH DRAIN	GC	GC	ZURN	Z886 8601	6" X 156" HDPE TRENCH DRAIN (SLOPED FROM 3.50" TO 4.10") WITH (2) CLOSED END CAPS, (1) 4" NO-HUB BOTTOM OUTLET, AND CLASS-A HEEL-PROOF POLYETHYLENE GRATE. SEE DETAIL ON SHEET P700 FOR REDUCTION TO 2" DRAIN CONNECTION.	--	--	4"	1	--	--	--	2	--	--	--	2
TP-3	TRAP PRIMER (THREE-FOUR FLOOR DRAINS)	GC	GC	PRECISION PLUMBING PRODUCTS	P1-500 W/DU-U	TRAP PRIMER WITH INTEGRAL VACUUM BREAKER AND DISTRIBUTION UNIT. CAP UNUSED DISTRIBUTION UNIT OUTLETS.	--	1/2"	--	--	--	--	--	--	--	--	--	--
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).	--	1/2"	3"	2	5	--	5	4	10	--	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 EHERMAL ENVELOPE OF THE BUILDING.	--	3/4"	--	2	1	--	1	--	2	--	2	--
											TOTALS				39.25	22.25	44	73

WATER HEATER SCHEDULE

MARK	DESCRIPTION	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL NO.	INPUT MBH	DELIVERY	NOTES
DWH-1	DIRECT VENT GAS-FIRED INSTANTANEOUS WATER HEATER	GC	GC	NAVIENT	NPE-240A	199	354 GPH @ 65' RISE	PROVIDE WITH REMOTE CONTROLLER AND LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIENT AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIENT.COM TO LOCATE AUTHORIZED DISTRIBUTOR) USING CHIPOTLE'S NEGOTIATED RATE.
DWH-2	DIRECT VENT GAS-FIRED INSTANTANEOUS WATER HEATER	GC	GC	NAVIENT	NPE-240A	199	354 GPH @ 65' RISE	PROVIDE WITH REMOTE CONTROLLER AND LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIENT AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIENT.COM TO LOCATE AUTHORIZED DISTRIBUTOR) USING CHIPOTLE'S NEGOTIATED RATE.

Consultant:
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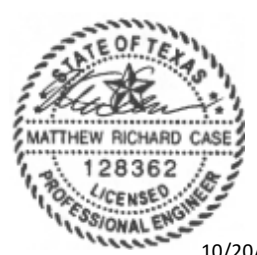
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Issue Record:
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Revisions:

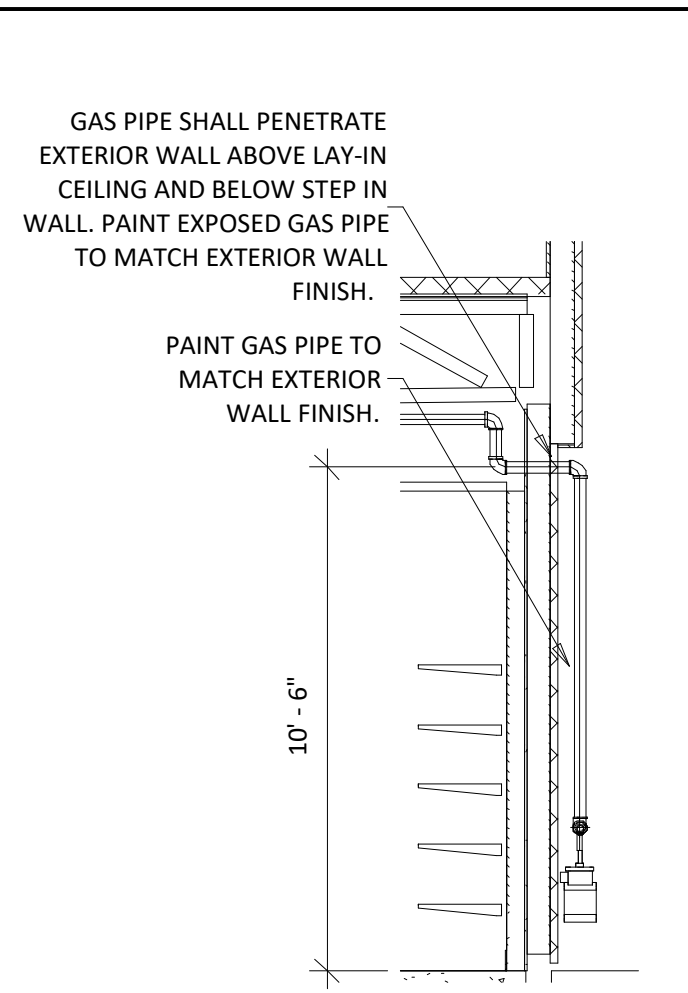
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Project No.
 CMGXXX

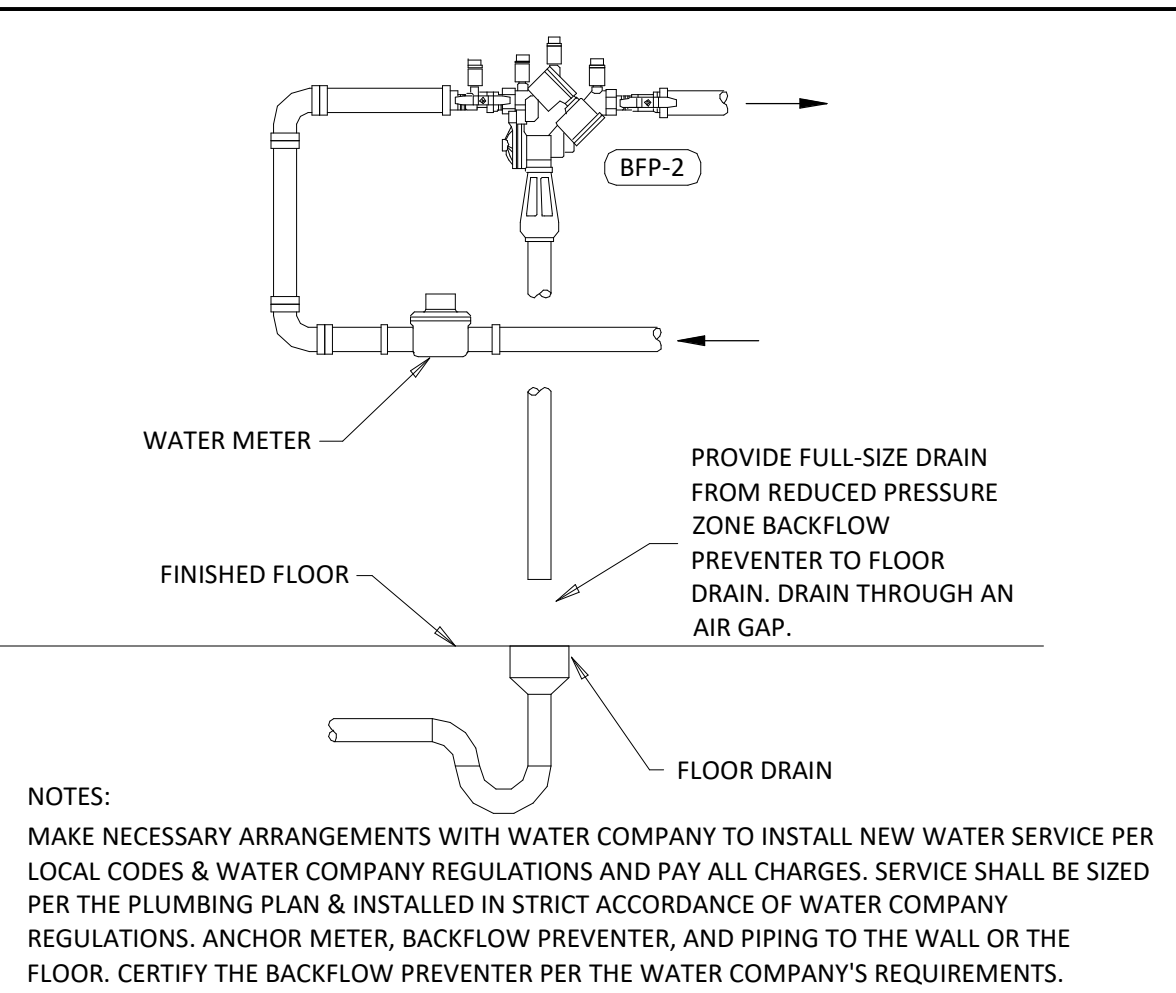
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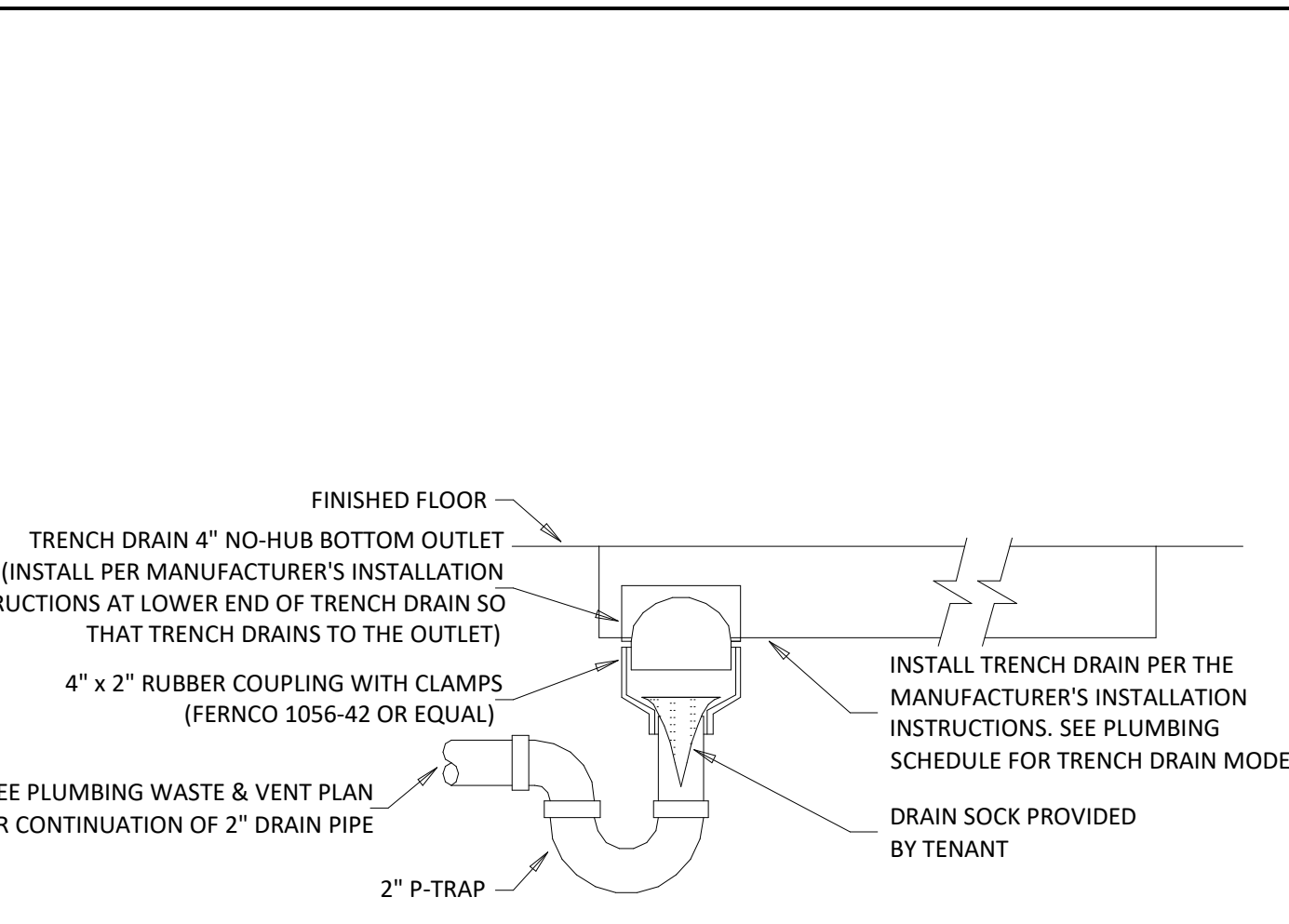
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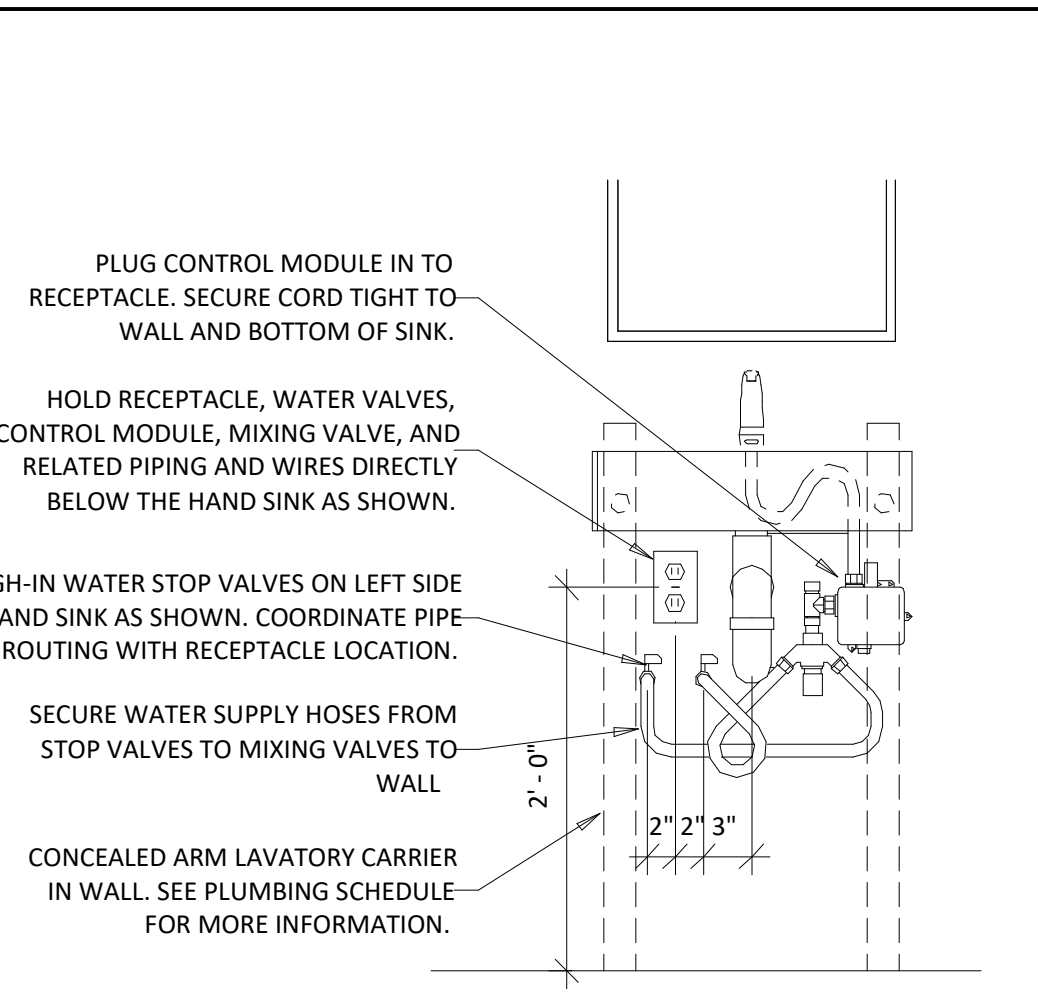
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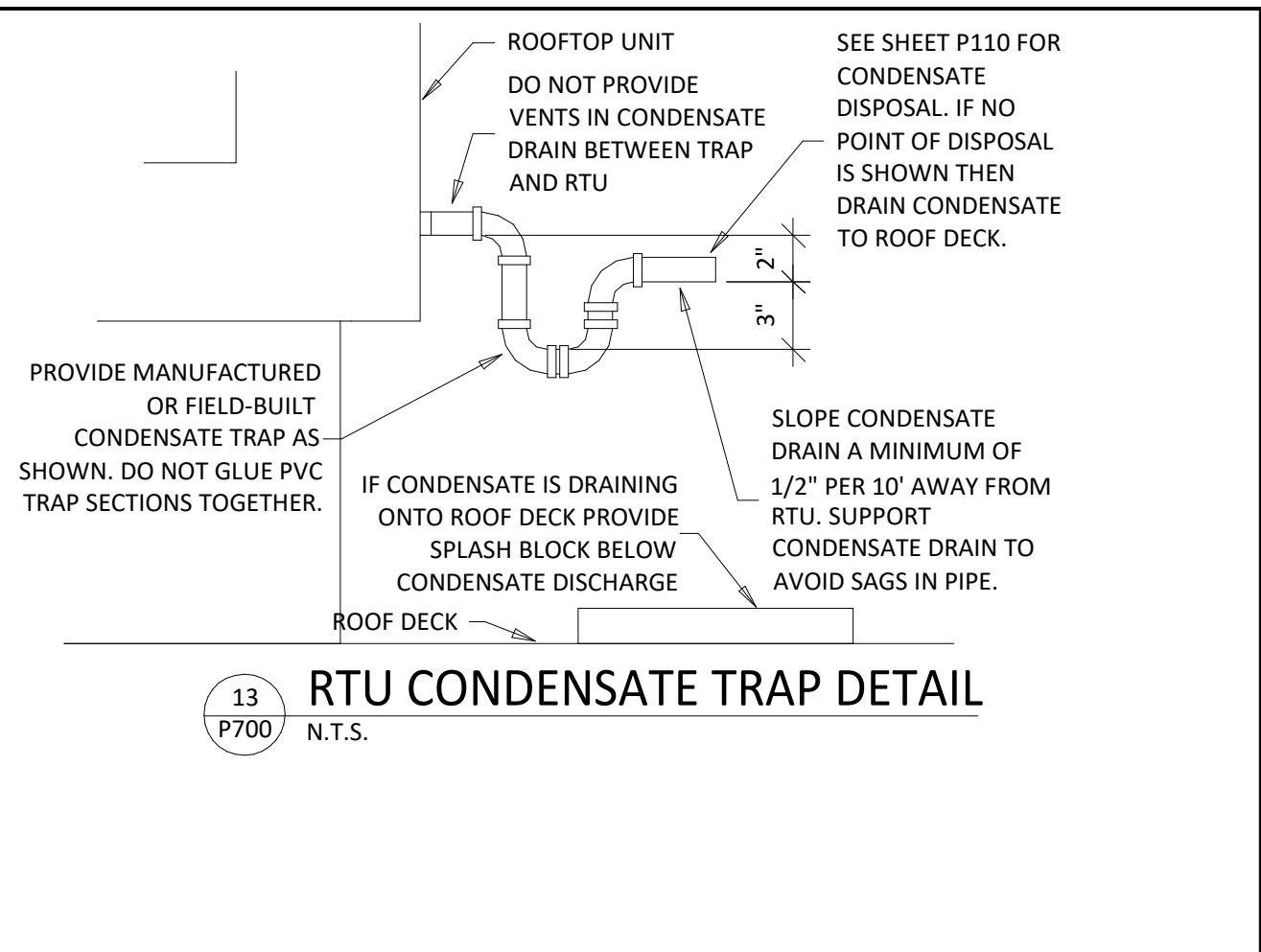
16 WATER SERVICE ENTRY DETAIL
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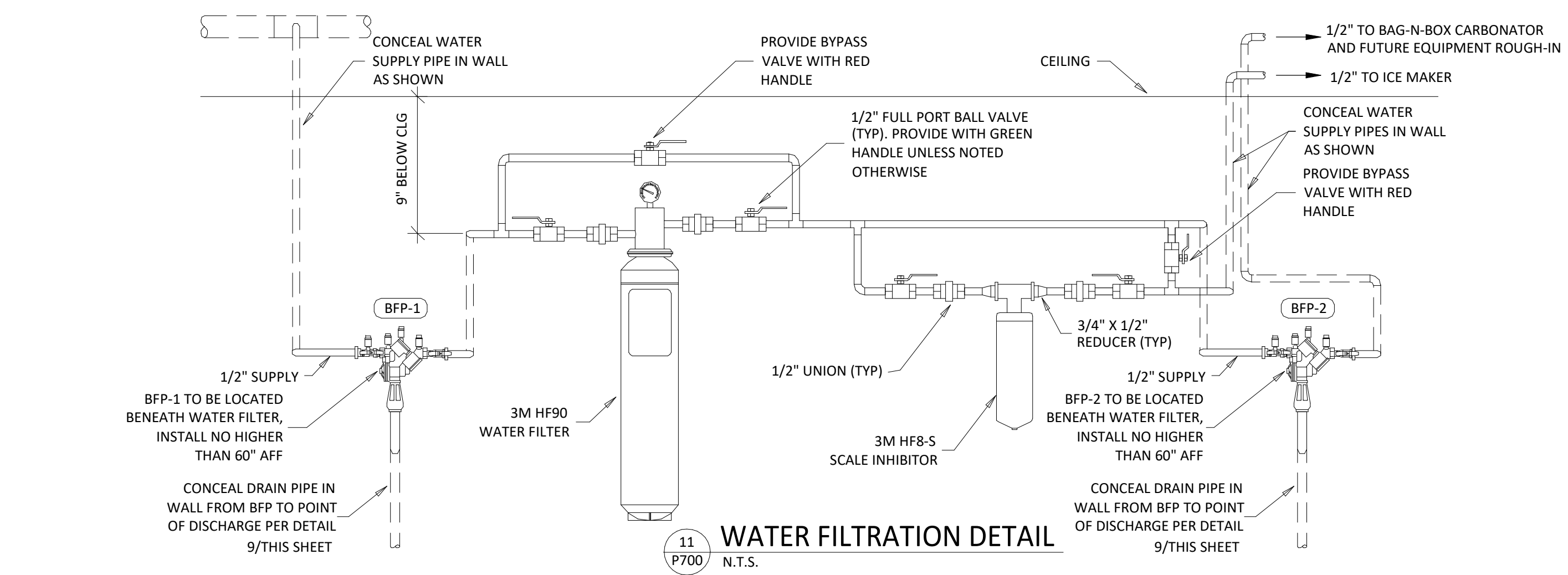
15 TRENCH DRAIN DETAIL
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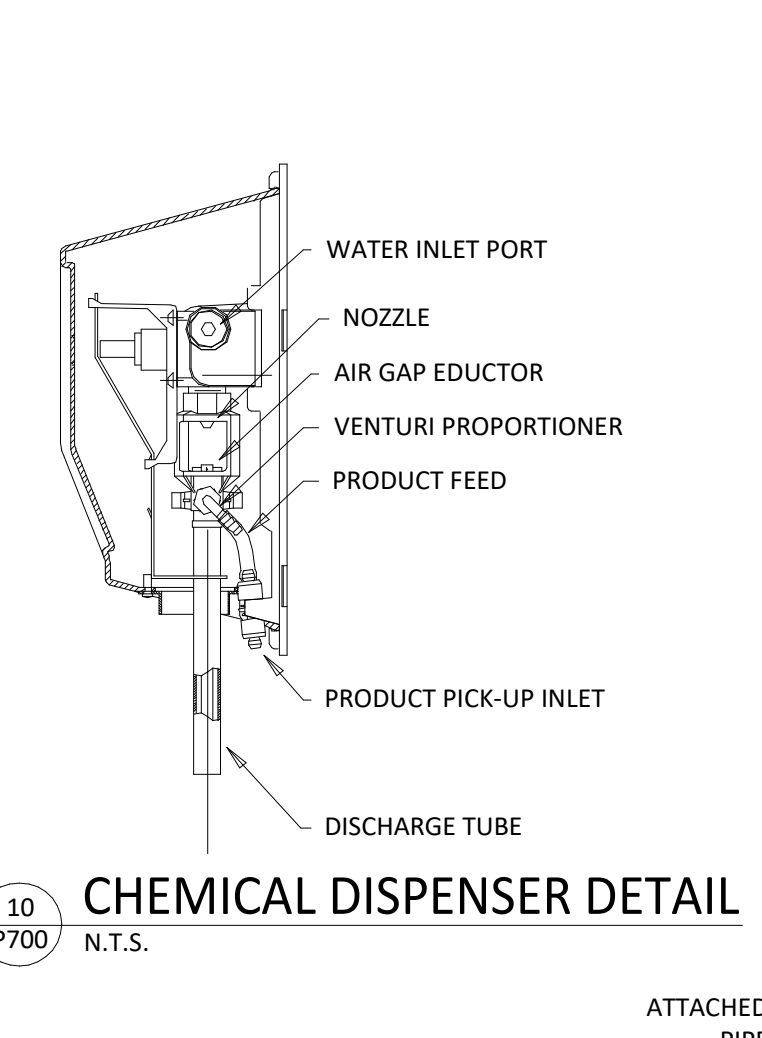
14 RESTROOM HAND SINK DETAIL
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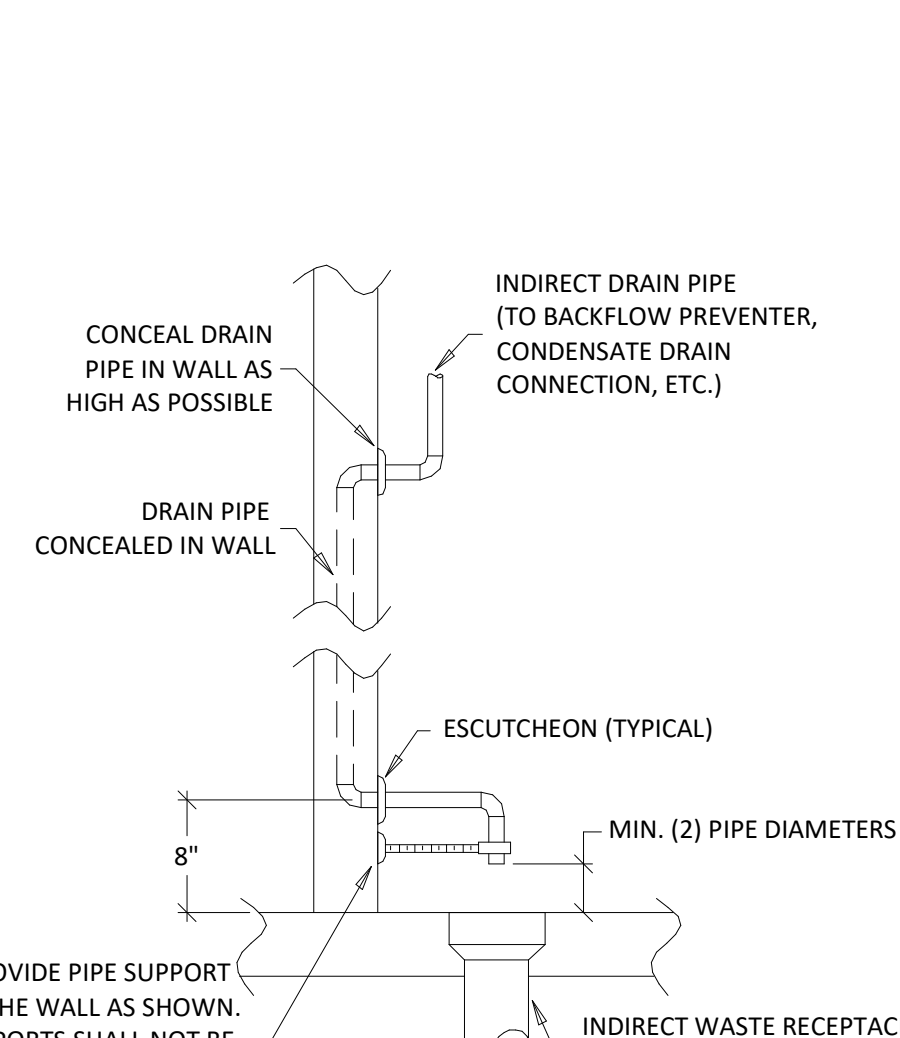
13 RTU CONDENSATE TRAP DETAIL
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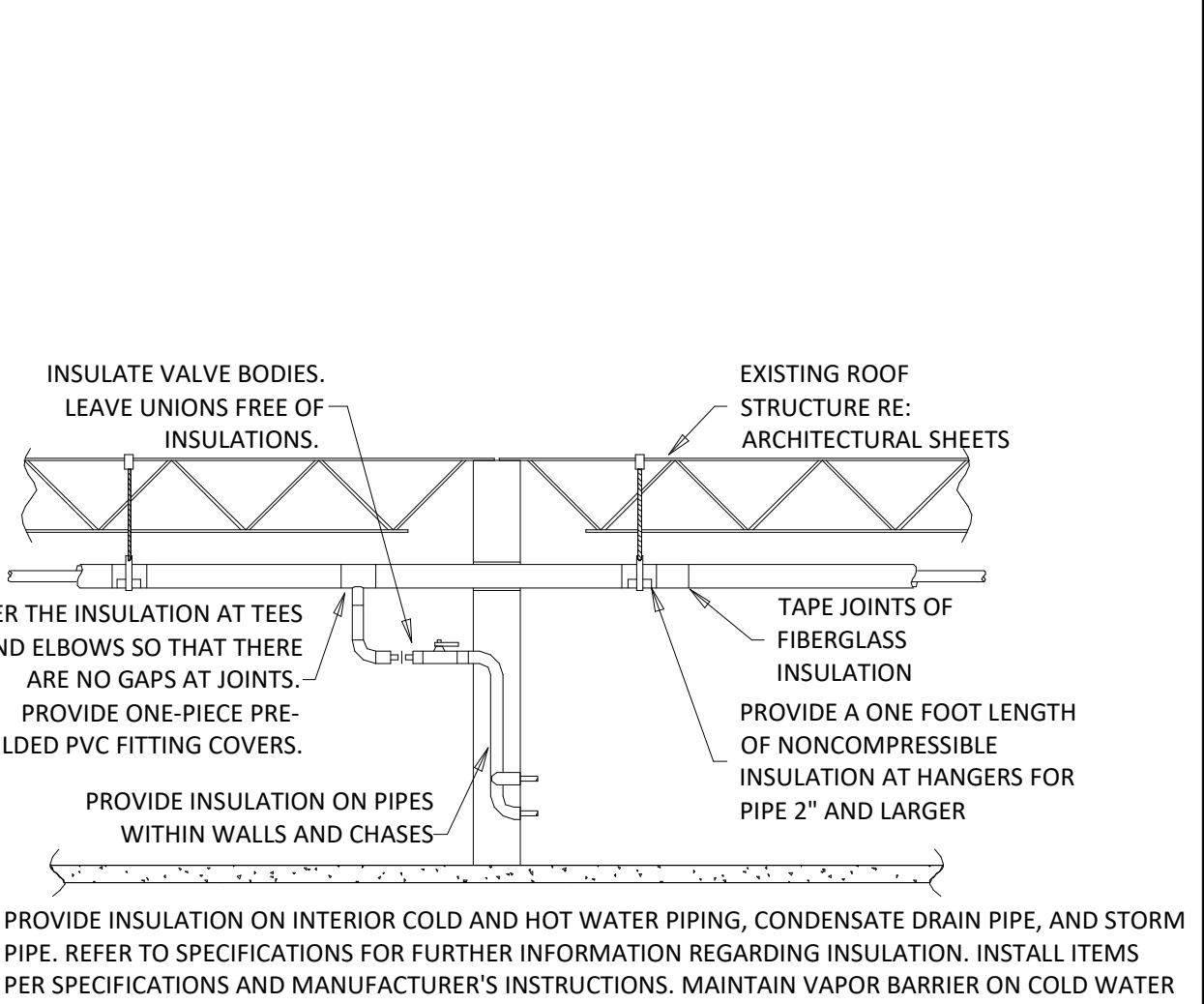
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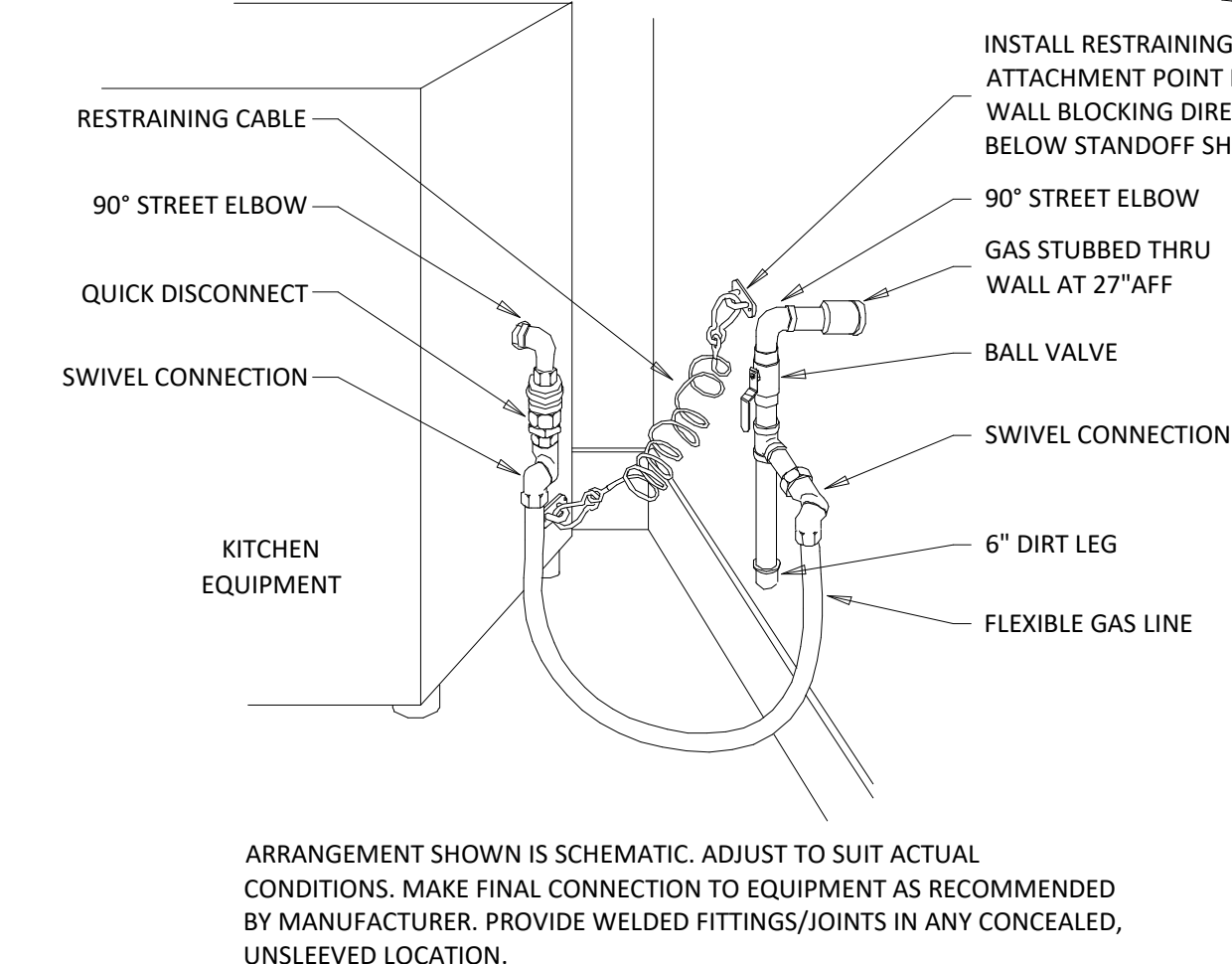
10 CHEMICAL DISPENSER DETAIL
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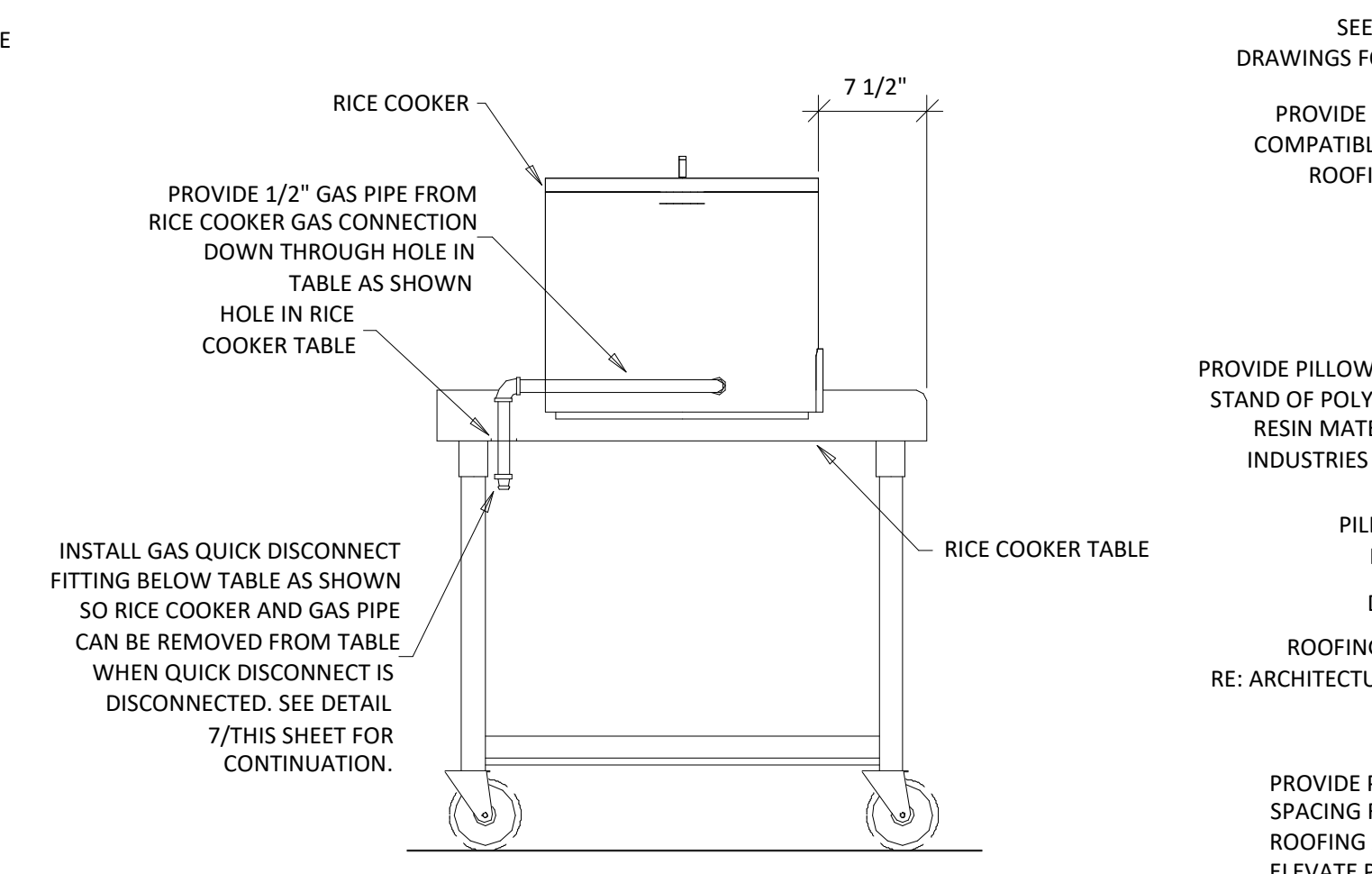
9 INDIRECT WASTE PIPING DETAIL
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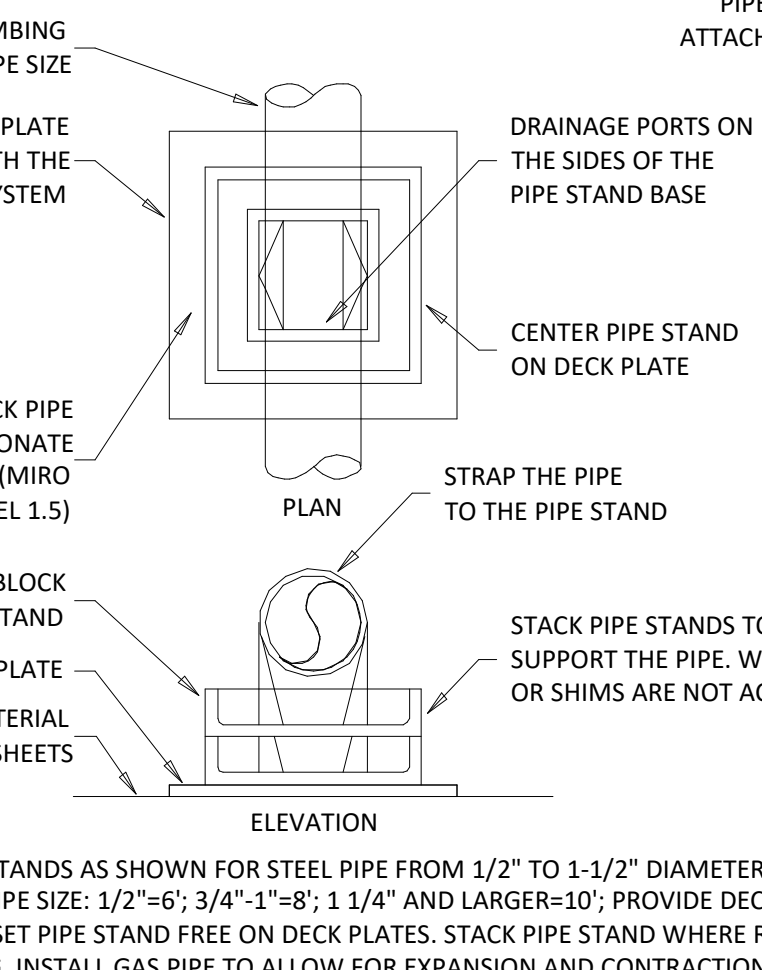
8 PIPE INSULATION DETAIL
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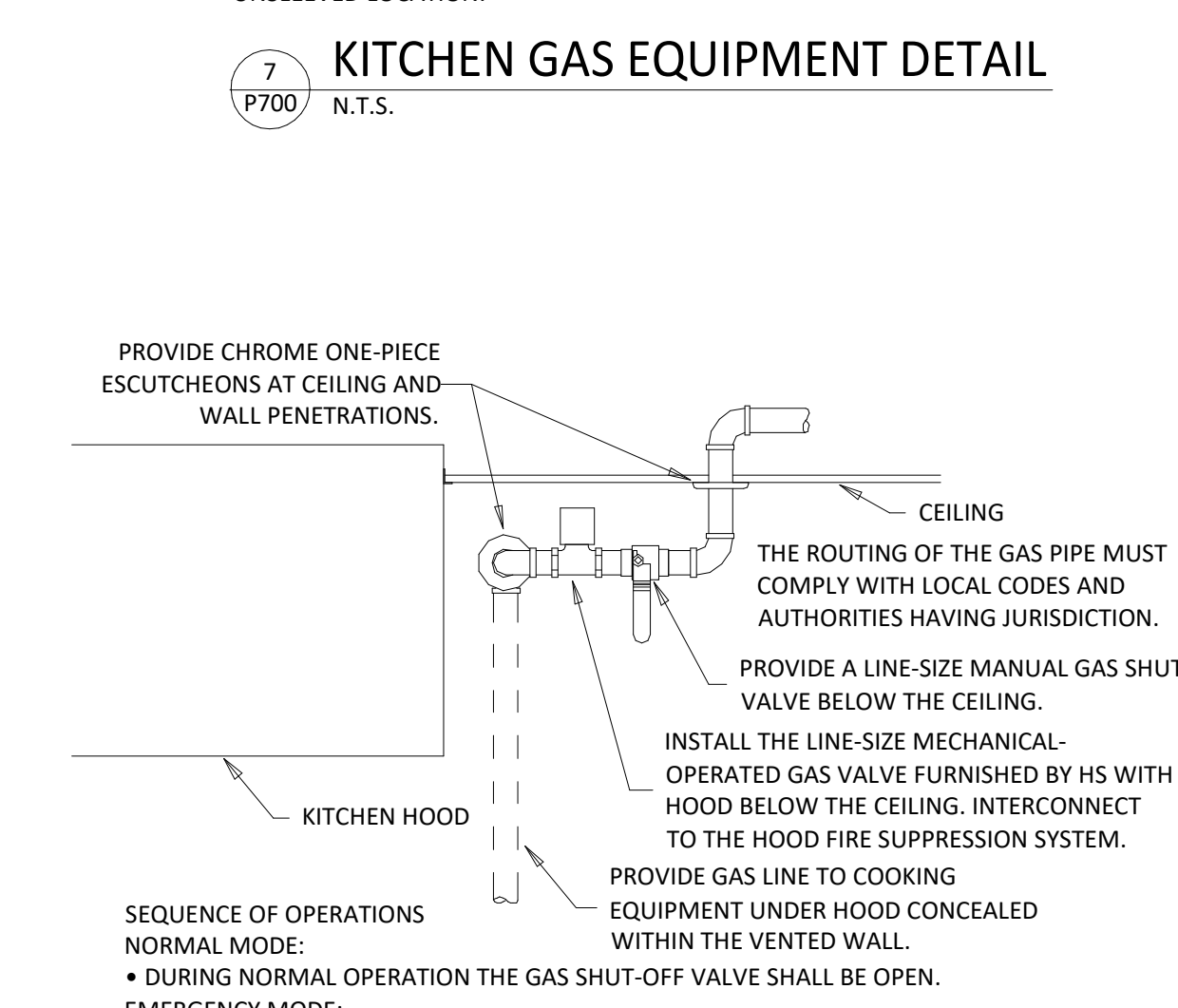
7 KITCHEN GAS EQUIPMENT DETAIL
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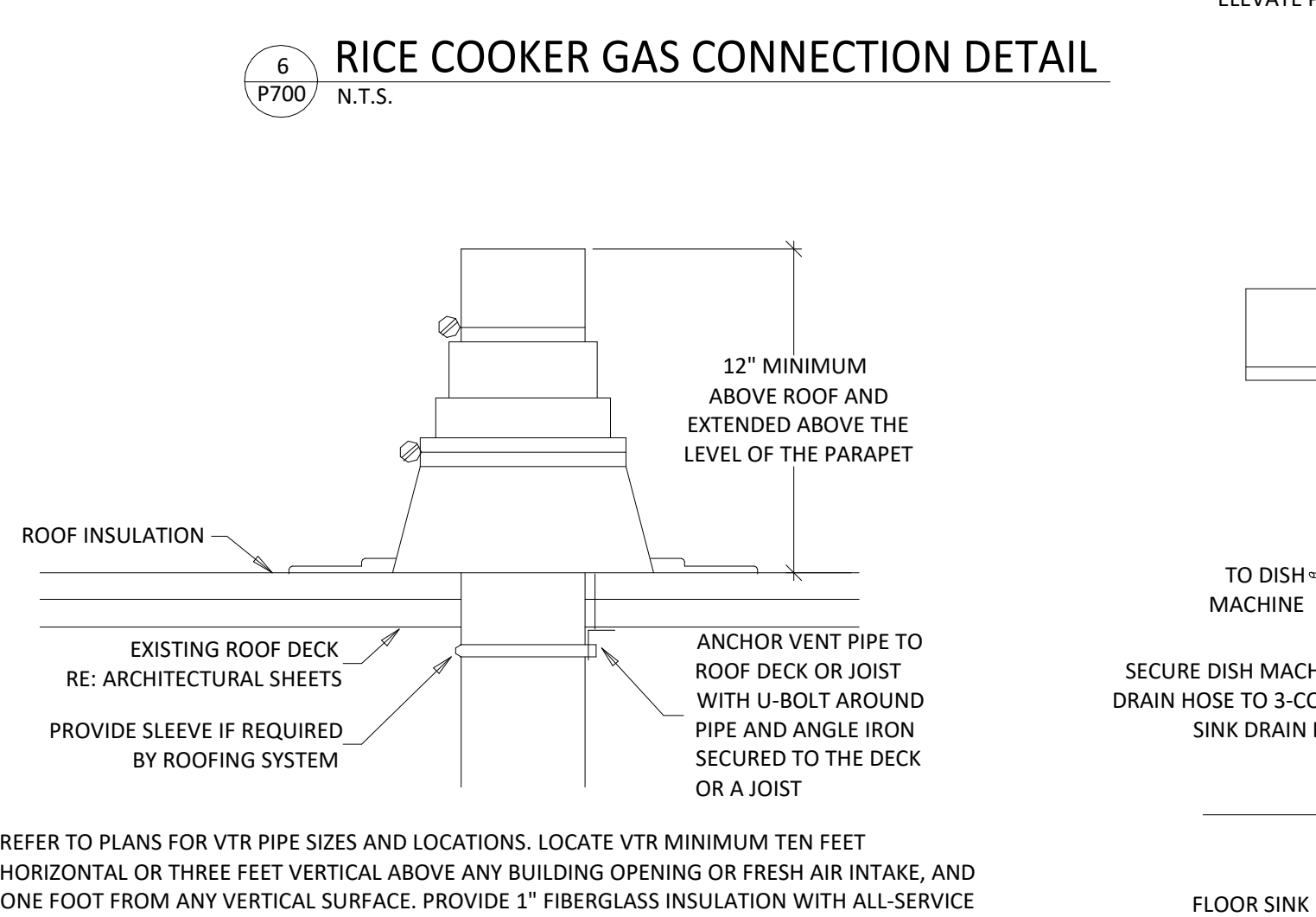
6 RICE COOKER GAS CONNECTION DETAIL
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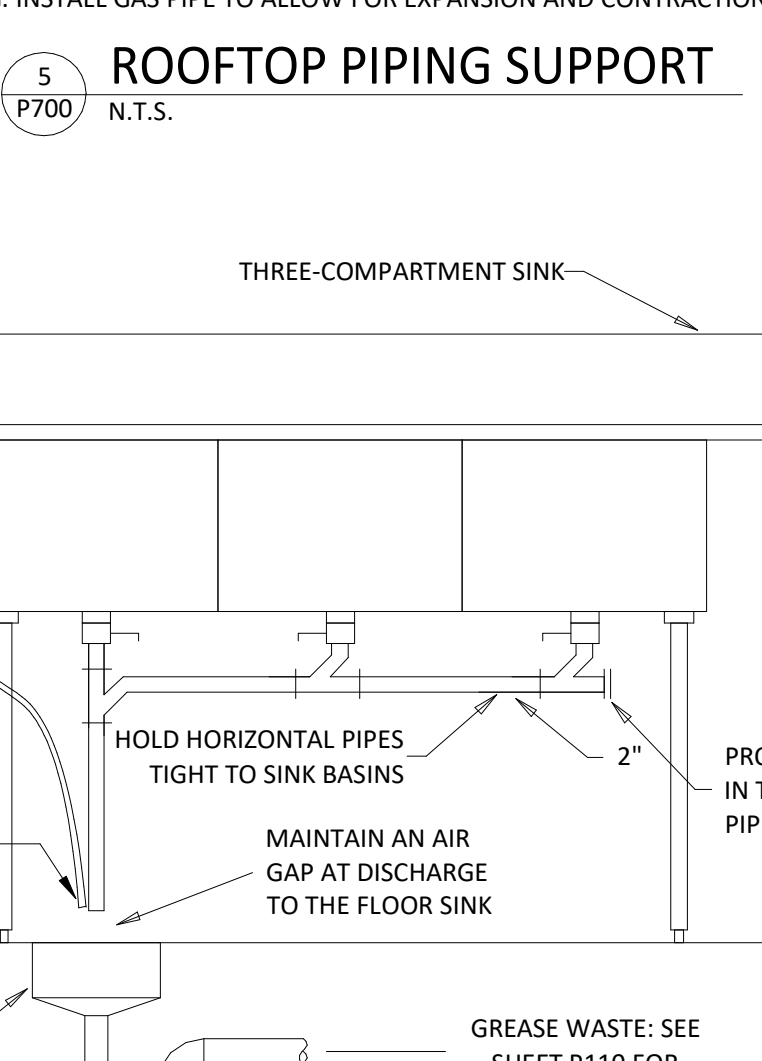
5 ROOFTOP PIPING SUPPORT
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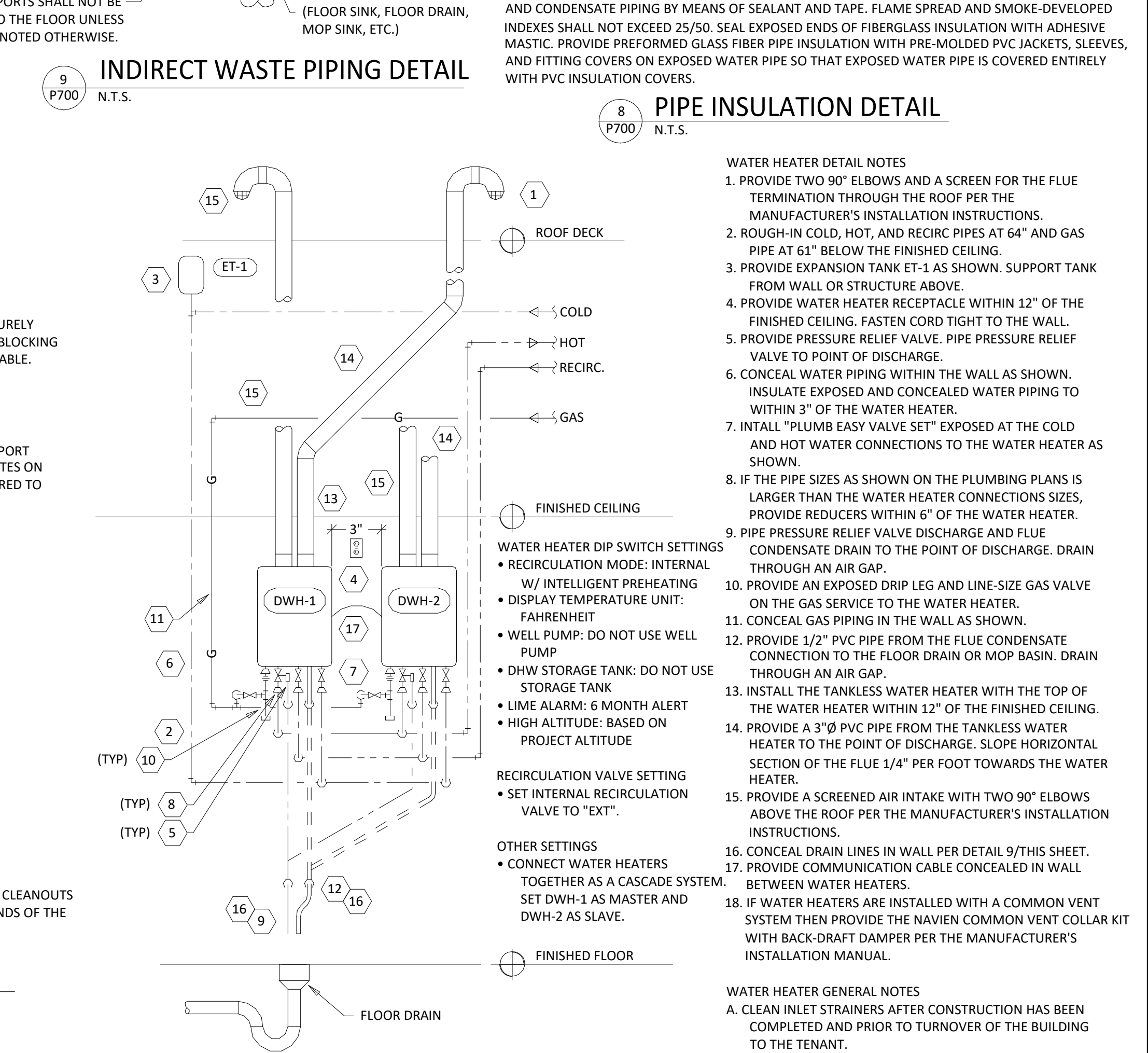
4 KITCHEN GAS SHUTOFF DETAIL
N.T.S.



3 VENT THROUGH ROOF
N.T.S.



2 WARE-WASHING SINK DETAIL
N.T.S.



1 WATER HEATER DETAIL
N.T.S.

WATER HEATER DETAIL NOTES

1. PROVIDE TWO 90° ELBOWS AND A SCREEN FOR THE FLUE TERMINATION THROUGH THE ROOF PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ROUGH-IN COLD, HOT, AND RE-CIRC PIPES AT 64" AND GAS PIPE AT 61" BELOW THE FINISHED CEILING.
3. PROVIDE EXPANSION TANK ET-1 AS SHOWN. SUPPORT TANK FROM WALL OR STRUCTURE ABOVE.
4. PROVIDE WATER HEATER RECEPTACLE WITHIN 12" OF THE FINISHED CEILING. FASTEN CORD TIGHT TO THE WALL.
5. PROVIDE PRESSURE RELIEF VALVE. PIPE PRESSURE RELIEF VALVE TO POINT OF DISCHARGE.
6. CONCEAL WATER PIPING WITHIN THE WALL AS SHOWN. INSULATE EXPOSED AND CONCEALED WATER PIPING TO WITHIN 3" OF THE WATER HEATER.
7. INTALL "PLUMB EASY VALVE SET" EXPOSED AT THE COLD AND HOT WATER CONNECTIONS TO THE WATER HEATER AS SHOWN.
8. IF THE PIPE SIZES AS SHOWN ON THE PLUMBING PLANS IS LARGER THAN THE WATER HEATER CONNECTIONS SIZES, PROVIDE REDUCERS WITHIN 6" OF THE WATER HEATER.
9. PIPE PRESSURE RELIEF VALVE DISCHARGE AND FLUE CONDENSATE DRAIN TO THE POINT OF DISCHARGE. DRAIN THROUGH AN AIR GAP.
10. PROVIDE AN EXPOSED DRIP LEG AND LINE-SIZE GAS VALVE ON THE GAS SERVICE TO THE WATER HEATER.
11. CONCEAL GAS PIPING IN THE WALL AS SHOWN.
12. PROVIDE 1/2" PVC PIPE FROM THE FLUE CONDENSATE CONNECTION TO THE FLOOR DRAIN OR MOP BASIN. DRAIN THROUGH AN AIR GAP.
13. INSTALL THE TANKLESS WATER HEATER WITH THE TOP OF THE WATER HEATER WITHIN 12" OF THE FINISHED CEILING.
14. PROVIDE A 3"Ø PVC PIPE FROM THE TANKLESS WATER HEATER TO THE POINT OF DISCHARGE. SLOPE HORIZONTAL SECTION OF THE FLUE 1/4" PER FOOT TOWARDS THE WATER HEATER.
15. PROVIDE A SCREENED AIR INTAKE WITH TWO 90° ELBOWS ABOVE THE ROOF PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
16. CONCEAL DRAIN LINES IN WALL PER DETAIL 9/THIS SHEET.
17. PROVIDE COMMUNICATION CABLE CONCEALED IN WALL BETWEEN WATER HEATERS.
18. IF WATER HEATERS ARE INSTALLED WITH A COMMON VENT SYSTEM THEN PROVIDE THE NAVIEN COMMON VENT COLLAR KIT WITH BACK-DRAFT DAMPER PER THE MANUFACTURER'S INSTALLATION MANUAL.

WATER HEATER GENERAL NOTES

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

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Issue Record:

Date	Description
03/22/22	FOR PERMIT

Revisions:

No.	Description
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Drawn: DWN
Checked: NJH

Project No: CMGXXX

Contents:

PLUMBING DETAILS

P700

LIGHTING CONTROL COMPONENTS SCHEDULE

	DESCRIPTION	QUANTITY	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	REMARKS
LCP	LIGHT LIGHTING CONTROL PANEL	1	TLS	GC	ACUITY	ARP INTENC08 8SPR MVOLT FM DTC	8 RELAY PANEL FOR DIMMING CONTROL WITH FLUSH MOUNT ENCLOSURE, AND DIGITAL TIME CLOCK
S C	WALL-MOUNTED CHELSEA SWITCH	1	TLS	GC	ACUITY	CHELSEA	SEE LIGHTING CONTROL DIAGRAM FOR SWITCH CONFIGURATION
S 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.
S 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

ELECTRICAL LIGHTING PLAN NOTES

- INSTALL LC&D CHELSEA SWITCH AND CONNECT TO BLUE BOX 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.
- PROVIDE DOUBLE-POLE SINGLE-THROW LIGHT SWITCH IN OFFICE FOR CONTROL OF OFFICE LIGHT AND RESTROOM EXHAUST FAN.
- 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. FURNISH 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 5/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.
- WALL MOUNT THE EMERGENCY LIGHT FIXTURE AS SHOWN IN THE DINING ROOM INTERIOR ELEVATIONS ON SHEET E110.
- INSTALL WALL-MOUNTED DIMMERS ABOVE PANELBOARDS 6" ABOVE LAY-IN CEILING FOR CONTROL OF DINING ROOM OVERHEAD STRIP LED AND PENDANT LIGHTS. CONNECT DIMMERS TO RELAYS SHOWN THROUGH THE LIGHTING CONTROL PANEL. SET DIMMERS AT 50%.
- CONNECT DINING ROOM (RELAY CIRCUITS R1, AND R3) OVERHEAD STRIP LED AND PENDANT LIGHTS TO THE RELAY INDICATED THROUGH THE CORRESPONDING WALL-MOUNTED DIMMER INSTALLED ABOVE THE PANELBOARDS.
- INSTALL LIGHTING CONTROL SYSTEM PER DETAIL 6/E710.
- CONNECT EGRESS DOOR LIGHT FIXTURE LED DRIVER TO EMERGENCY INVERTER AS SHOWN SO THAT LIGHTS OVER EGRESS DOORS ENERGIZE ALONG WITH THE REST OF THE EXTERIOR LIGHTS OR WHEN THERE IS A LOSS OF POWER.
- PENETRATIONS THROUGH SHEAR WALL SHALL BE LIMITED TO 10" DIAMETER (OR A GROUP OF PENETRATIONS ALL CONTAINED WITHIN 10" DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF PENETRATIONS ARE REQUIRED COORDINATE WITH STRUCTURAL ENGINEER FOR APPROPRIATE BRACING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATION.
- INSTALL CHIME/STROBE FURNISHED WITH VEHICLE DETECTION SYSTEM ON WALL 12" BELOW CEILING AND CONNECT TO VEHICLE DETECTOR SYSTEM PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

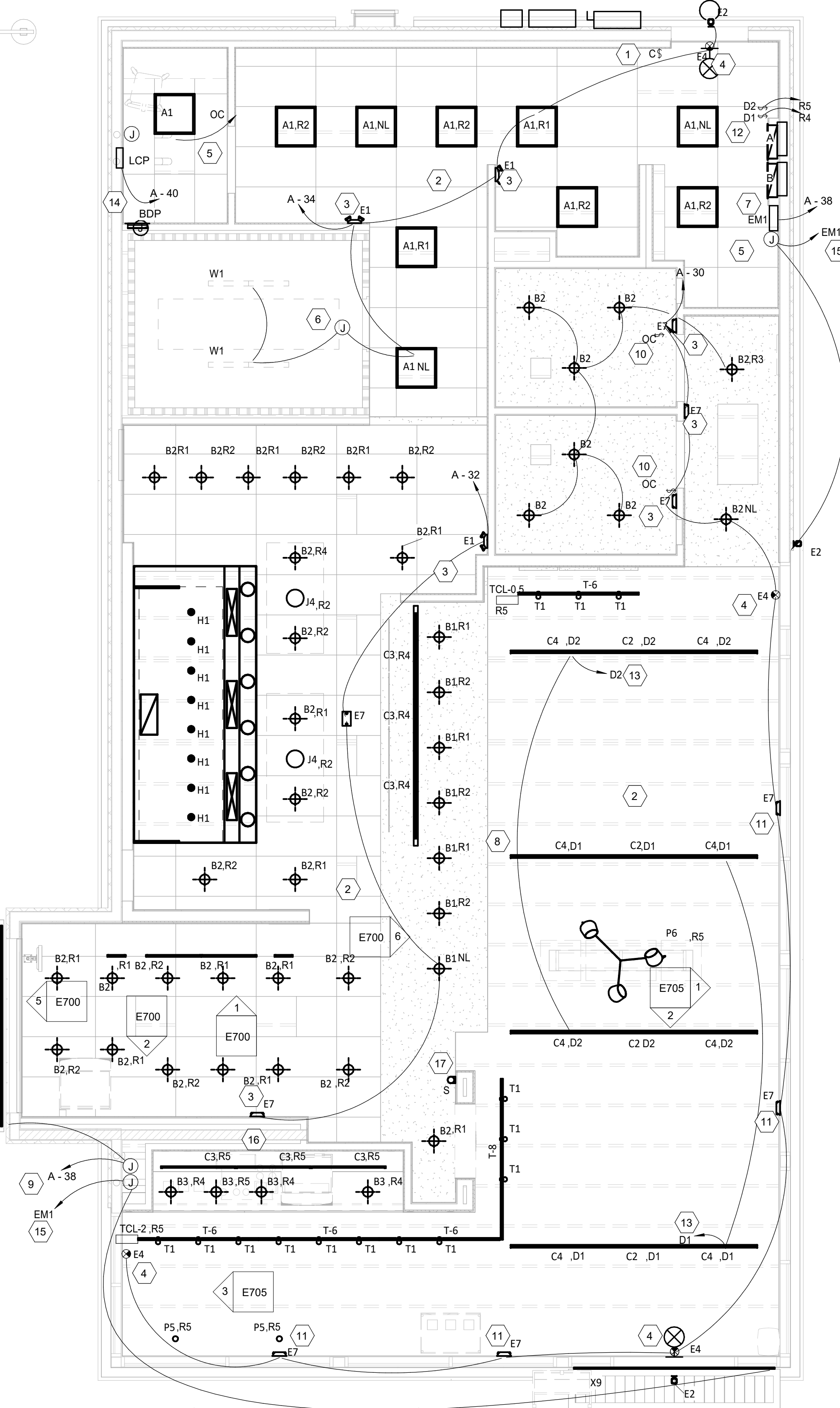
LIGHTING CONTROL PANEL SCHEDULE: LCP

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					SINGLE POLE (NC)
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	A	30	DINING ROOM NL	TIMECLOCK	10:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R7	A	28	RR EXHAUST FAN	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R8	A	42	EXT. LIGHTING/SIGNAGE	TIMECLOCK	SUNSET -1HR	12:00:00 AM	N/A	SINGLE POLE (NC)

LIGHTING FIXTURE SCHEDULE

TAG	QUANTITY	TYPE	MOUNT	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	LAMP(S)	VOLTS	WATT S	SPECIAL REQUIREMENTS
A1	10	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	33	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	LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER
B2	8	RECESSED 6IN CAN LIGHT W/ LED TRIM	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL WITH NLGBC-65130W LED TRIM	INTEGRAL 3000K LED	120	17	BLACK LED TRIM FURNISHED WITH GU24 SOCKET
B3	4	RECESSED 6IN CAN LIGHT W/BLACK LED TRIM	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL WITH NLGBC2-65127BB LED TRIM	INTEGRAL 3000K LED	120	12	BLACK LED TRIM FURNISHED WITH GU24 SOCKET
C0	2	LOW PROFILE LED - 1 FT	SURFACE	TLS	GC	NORA LIGHTING	EL/LED/12/WW	INTEGRAL 3000K LED	120	5	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWARE BOX OR CORD/PLUG PER SECTION
C1	1	LOW PROFILE LED - 2 FT	SURFACE	TLS	GC	NORA LIGHTING	EL/LED/22/WW	INTEGRAL 3000K LED	120	9	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWARE BOX OR CORD/PLUG PER SECTION
C2	9	LOW PROFILE LED - 3 FT	SURFACE	TLS	GC	NORA LIGHTING	EL/LED/34/WW	INTEGRAL 3000K LED	120	12	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWARE BOX OR CORD/PLUG PER SECTION
C3	11	LOW PROFILE LED - 4 FT	SURFACE	TLS	GC	NORA LIGHTING	EL/LED/46/WW	INTEGRAL 3000K LED	120	15	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWARE BOX OR CORD/PLUG PER SECTION
C4	10	LOW PROFILE LED - 5 FT	SURFACE	TLS	GC	NORA LIGHTING	EL/LED/59/WW	INTEGRAL 3000K LED	120	18	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWARE BOX OR CORD/PLUG PER SECTION
E1	3	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	CLED-BL-WP WITH PMC-B-1 MOUNTING PLATE	(1) SPECIAL LED	4	1	LOW VOLTAGE REMOTE EMERGENCY LIGHT POWERED BY REMOTE-CAPABLE EXIT SIGN
E4	3	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	9	EMERGENCY LIGHT HOOD LIGHT	VARIOUS	TLS	GC	DUAL-LITE	EV2	(2) 1W INTEGRAL LED	120	1	90 MINUTE BATTERY BACKUP
H1	10	HOOD LIGHT	SURFACE	THS/TLS	THS	FIXTURE FURNISHED WITH HOOD	FURNISHED WITH HOOD	(1) TOP L16A19N1527K	120	23	INSTALL LAMP FURNISHED SEPARATELY BY LIGHTING SUPPLIER
J4	2	DECORATIVE PENDANT	SURFACE	TLS	GC	BARNLIGHT	BLE-C-OPT10-ASH-100-SBK-100-CAW	GREEN CREATIVE 9A19DIM/927/ GU24/R	120	9	WITH BLACK LAMP SHADE, BLACK CORD, AND OAK LAMP HOLDER
P5	2	PENDANT	SURFACE	TLS	GC	HI-LITE MFG	H-L-91/CB12-91/20W LBL	TCP FG25D4027CCQ	120	5	ADJUST CORD LENGTH FOR MOUNTING HEIGHT CALLED FOR IN ARCHITECTURAL DRAWINGS
P6	3	DECORATIVE DINING ROOM PENDANT	SURFACE	TLS	GC	FLOS	FU009030BLS03	INTEGRAL LED	120	48	HARDWIRED SET OF (3) AIM BLACK WITH MULTIPANOPY AND 9M CABLES
T1	14	TRACK HEAD	TRACK	TLS	GC	JUNO	R605L 30K 90CRI PDIM WFL BL	INTEGRAL LED	120	10	BLACK CYLINDER TRACK HEAD W/ UNIVERSAL 120V TRAC ADAPTER AND WIDE FLOOD BEAM
T-6	4	TRACK (6 FEET)	SUSPENDED	TLS	GC	JUNO	T 6FT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
T-8	1	TRACK (8 FEET)	SUSPENDED	TLS	GC	JUNO	T 8FT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
X9	5	LED CHANNEL LIGHT	SUSPENDED	TLS	GC	PARADIGM LED	PL-AMC-2415 W/ OPAL LENS AND END CAPS	PL-FLEXSR590-WW-WP-3000K	120		FURNISHED W/ REMOTE-MOUNTED NEMA 3R DIMMABLE PL-PS-M100-DIM-24 LED DRIVER. SEE PLAN FOR LENGTHS.
TCL-0.5	1	CURRENT LIMITER (60W)	SURFACE	TLS	GC	JUNO	TCLFM11 BL W/ TCLCB 2A BLCK	N/A	120	0	BLACK CURRENT LIMITING END FEED
TCL-2	1	CURRENT LIMITER (240W)	SURFACE	TLS	GC	JUNO	TCLFM11 BL W/ TCLCB 2A BLCK	N/A	120	0	BLACK CURRENT LIMITING END FEED

LIGHTING FIXTURE SCHEDULE NOTES
 A. FLUORESCENT LAMPS NOT INCLUDED WITH THE FIXTURES RE 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.



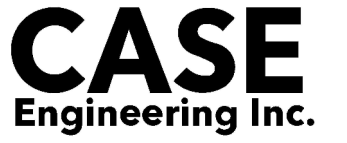
1 LIGHTING FLOOR PLAN
 1/4" = 1'-0"

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Issue Record:
 03/22/22 FOR PERMIT

Revisions:

Drawn: JJV
 Checked: BW

Project No:
 CMGXXX

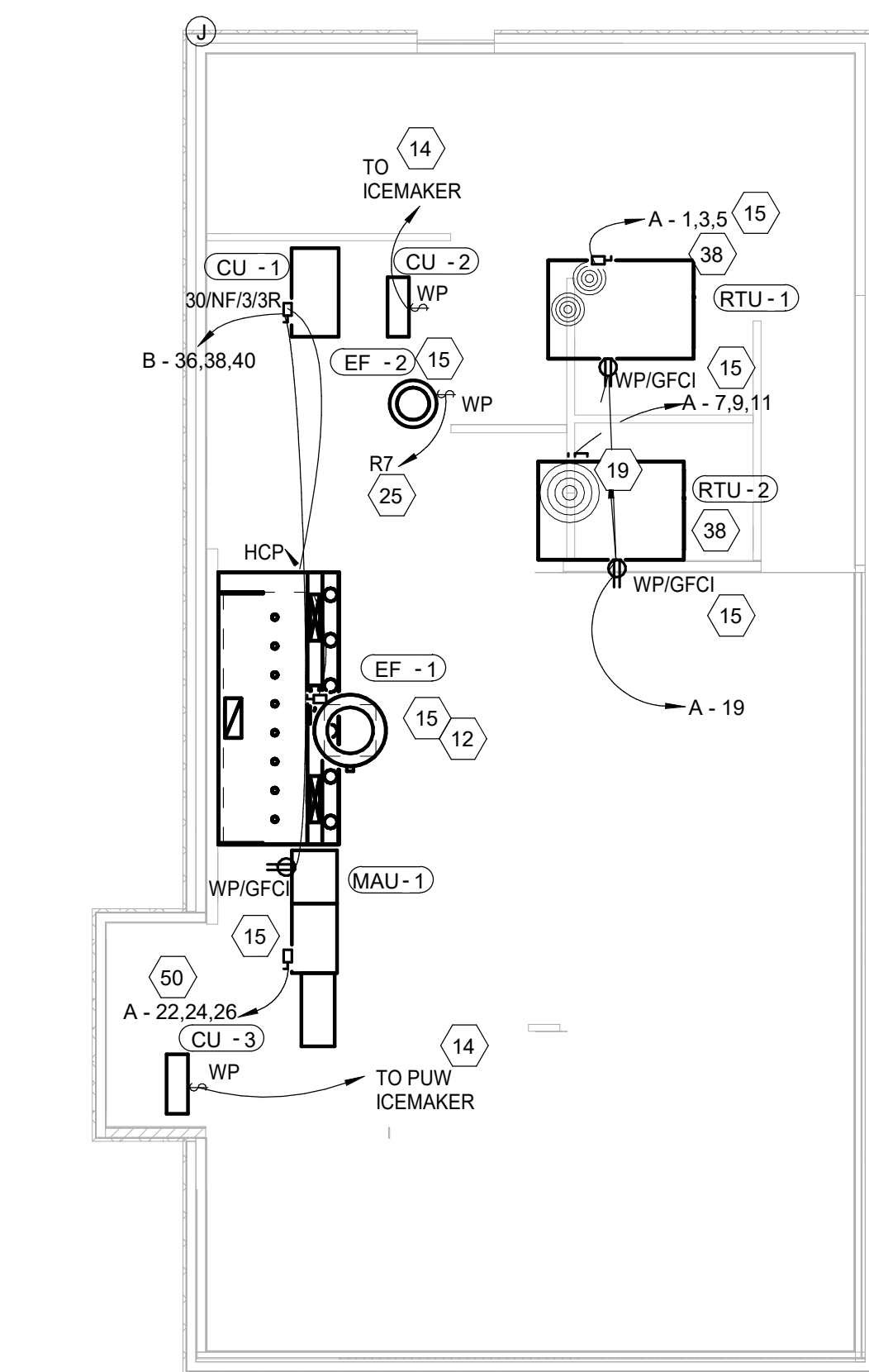
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ELECTRICAL LIGHTING PLAN

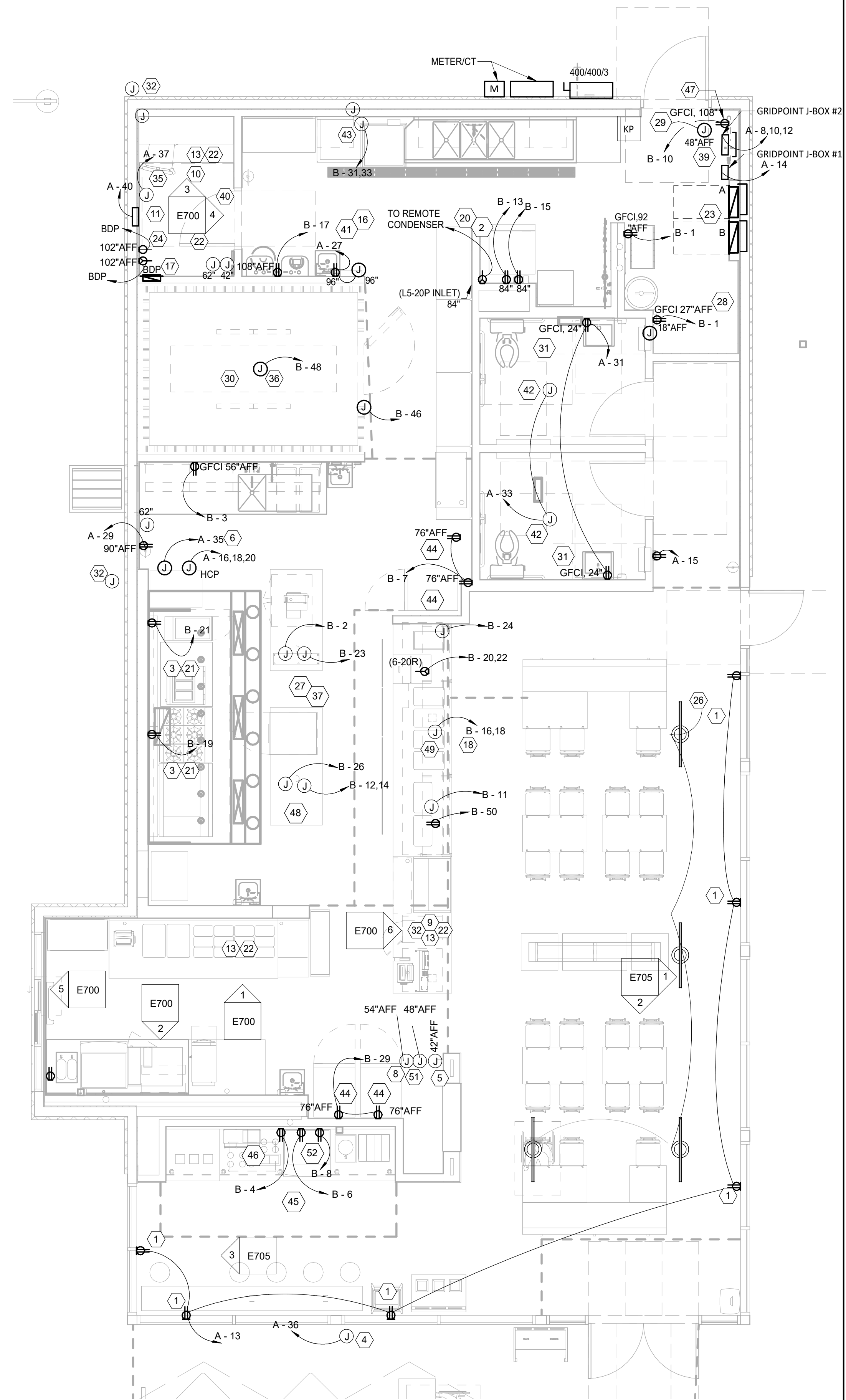
E100

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 E705.
- ICE MACHINE ELECTRICAL TIE-IN. COORDINATE EXACT LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN. PROVIDE L5-20P FLANGED INLET WIRED TO THE REMOTE CONDENSER. PROVIDE 48" CORDS, ONE WITH 6-20P END AND ONE WITH L5-20R END, FROM ICE MAKER TO RECEPTACLE AND FLANGED INLET.
- 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 5/E710.
- PROVIDE 4" OCTAGONAL JUNCTION BOX WITH SCREW THREADS SET AT THE 2 & 8 O'CLOCK POSITIONS FOR THE ANSUL PULL STATION. PROVIDE A 1/2" CONDUIT FROM THE J-BOX TO 6" ABOVE THE CEILING AND TERMINATE WITH A CONDUIT BUSHING. COORDINATE EXACT LOCATION WITH THE ANSUL SYSTEM INSTALLER AND THE FIRE MARSHALL PRIOR TO ROUGH-IN.
- HOOD CONTROL PANEL AND ANSUL CABINET SHALL BE LOCATED WITHIN THE INTEGRAL HOOD UTILITY CABINET. PROVIDE FINAL ELECTRICAL CONNECTIONS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- NOT USED.
- PROVIDE AN EMPTY SINGLE GANG J-BOX FOR VOLUME CONTROLS. INSTALL THE CAT5 VOLUME CONTROL WIRE FURNISHED BY THE TENANT 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 AND INSTALL LAUNCHPORT FURNISHED BY CHIPOTLE PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS 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 2" 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 CONDENSER CU-2.
- UNIT SHALL HAVE AN INTEGRAL NON-FUSED DISCONNECT SWITCH.
- INSTALL DOOR CHIME AT 96" AFF. SEE ARCHITECTURAL DOOR EQUIPMENT FOR EQUIPMENT INFORMATION.
- 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 AND NEXT TO PREP TABLE. 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 LIGHTING CONTROL PANEL (LCP).
- INSTALL 16/2 SPEAKER WIRE FURNISHED BY OWNER. INSTALL SPEAKER WIRE BETWEEN SPEAKERS IN THE DINING ROOM AS SHOWN AND TO THE AMPLIFIER IN THE OFFICE WITH 3 FEET OF SLACK AT EACH END. THERE SHALL BE TWO SPEAKER WIRE HOMERUNS WITH TWO SPEAKERS ON EACH HOMERUN. 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 TWO J-BOXES INTEGRAL TO PREP TABLE FOR 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 4" SQUARE J-BOX ON EXTERIOR WALL FOR MOUNTING OF EXTERIOR CAMERA. SEE ARCHITECTURAL ELEVATION FOR EXACT HEIGHT AND LOCATION. PROVIDE 3/4" CONDUIT WITH PULLSTRING FROM J-BOX TO ABOVE LAY-IN CEILING AREA IN KITCHEN. J-BOX SHALL NOT BE SURFACE MOUNTED. BASE OF CAMERA SHALL BE MOUNTED FLUSH TO EXTERIOR WALL FINISH.
- 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.
- NOT USED.
- INSTALL VEHICLE DETECTOR SYSTEM FURNISHED BY TLS SURFACE-MOUNTED ON WALL 12" BELOW CEILING AND CONNECT TO STROBE/CHIME AND DETECTOR LOOPS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. MAKE FINAL ADJUSTMENTS TO LOOP SENSITIVITY PER THE MANUFACTURER'S INSTRUCTIONS. ONCE ALL COMPONENTS ARE INSTALLED AND OPERATIONAL THE CHIME/STROBE LIGHT SHOULD STAY ILLUMINATED AND THERE SHOULD BE A SINGLE CHIME WHEN A VEHICLE DRIVES OVER OR STOPS ON EITHER LOOP.
- SEAL INTERIOR AND EXTERIOR OF CONDUITS THAT PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.
- PROVIDE ISLAND PREP TABLE FOOD WARMER RECEPTACLE WITH GROUND PIN TOWARDS THE BOTTOM OF THE RECEPTACLE.
- 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.
- 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. TMS SHALL PROVIDE GRIDPOINT 3 PHASE METER AND TRANSFORMER WITHIN J-BOX #1 AND GRIDPOINT 10M/HUB WITHIN J-BOX #2. SEE GRIDPOINT INSTALLATION SHEET FOR DETAILS.
- 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 1-DOOR REFRIGERATORS WITH GROUND PINS TOWARDS THE BOTTOM OF THE RECEPTACLE.
- PROVIDE CORD AND NEMA 5-20P PLUG FROM UTENSIL COUNTER ICE MAKER, THROUGH UTENSIL COUNTER, TO ICE MAKER RECEPTACLE.
- LABEL UTENSIL COUNTER RECEPTACLES "TRACTOR BEVERAGE", "ICE MAKER/MSB", AND "SODA FOUNTAIN".
- LABEL RECEPTACLE "UV INSECT TRAP".
- PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLE IN THE J-BOX INTEGRAL TO PREP TABLE FOR UNDERCOUNTER REFRIGERATOR. PROVIDE FINAL CONNECTION TO CARVING STATION HEATER.
- IF NEUTRAL CONDUCTOR IS NOT NEEDED FOR SERVE LINE HOT FOOD SERVER TERMINATE NEUTRAL IN JUNCTION BOX.
- PROVIDE A TWO-CONDUCTOR LOW VOLTAGE WIRE FROM MAU-1 TO THE HOOD CONTROL PANEL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE SINGLE-GANG J-BOX FOR DATA JACK AS SHOWN FOR KRONOS TIME CLOCK.
- DO NOT SHARE WALL CAVITY WITH PLUMBING LINES



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



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

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10/20/2023

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Issue Record:
03/22/22 FOR PERMIT

Revisions:

Drawn: JJV
Checked: BW

Project No: CMGXXX

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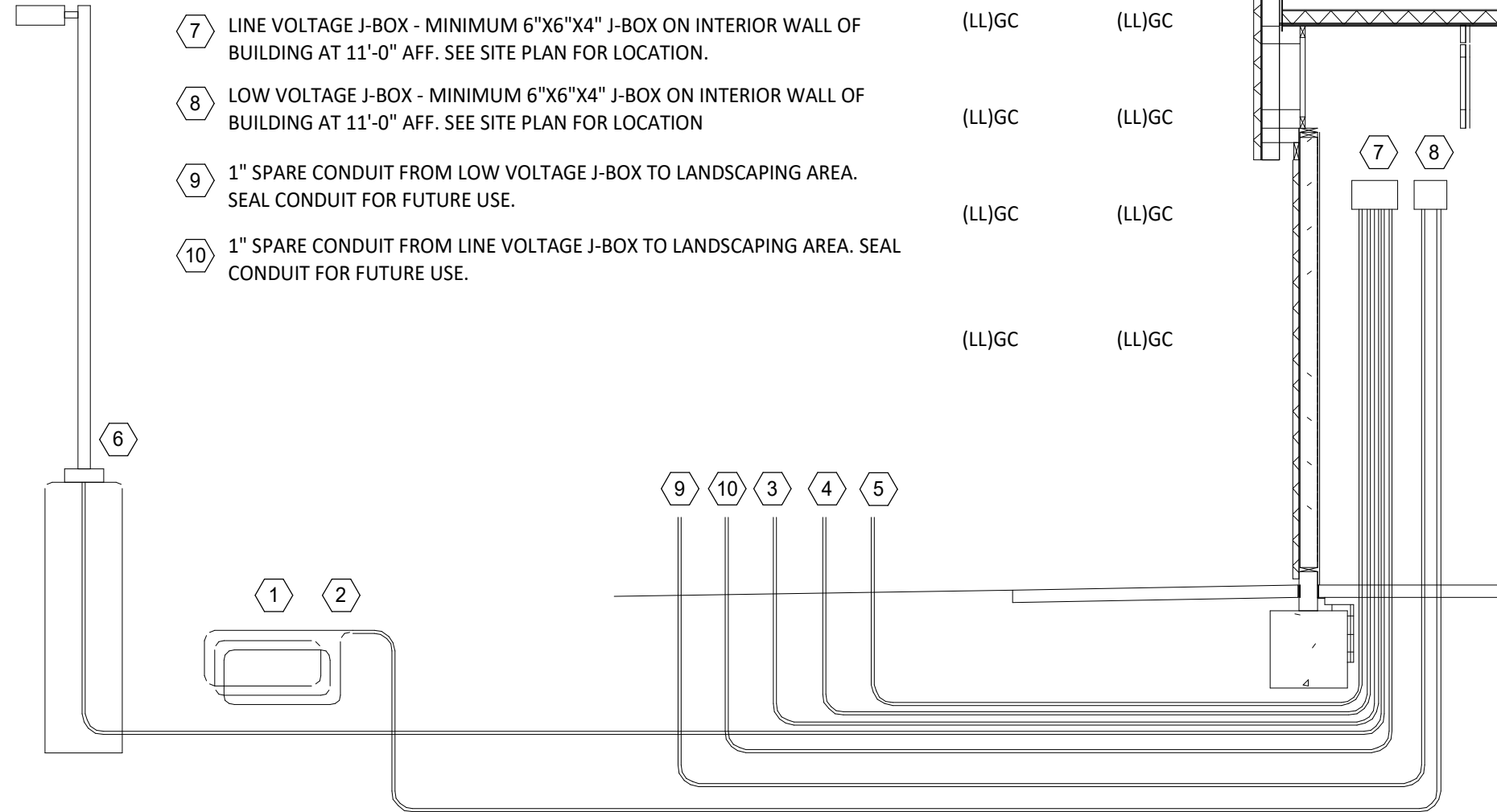
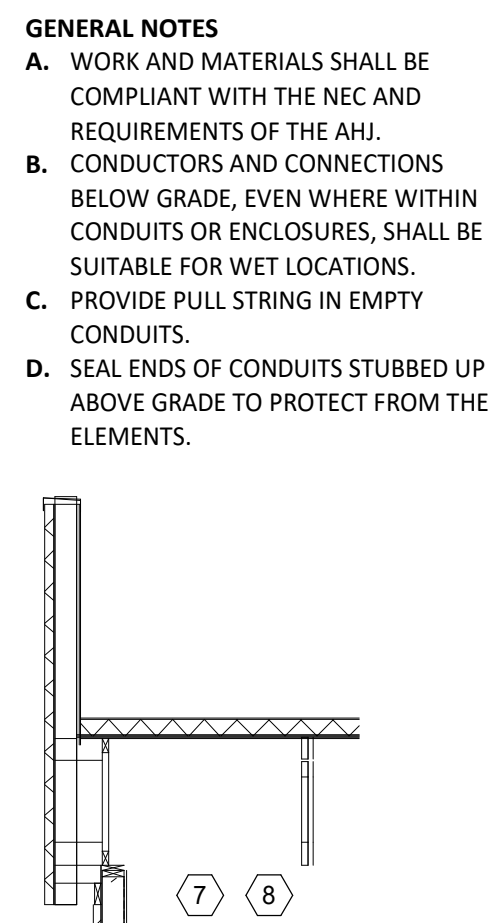
ELECTRICAL POWER PLAN

E110

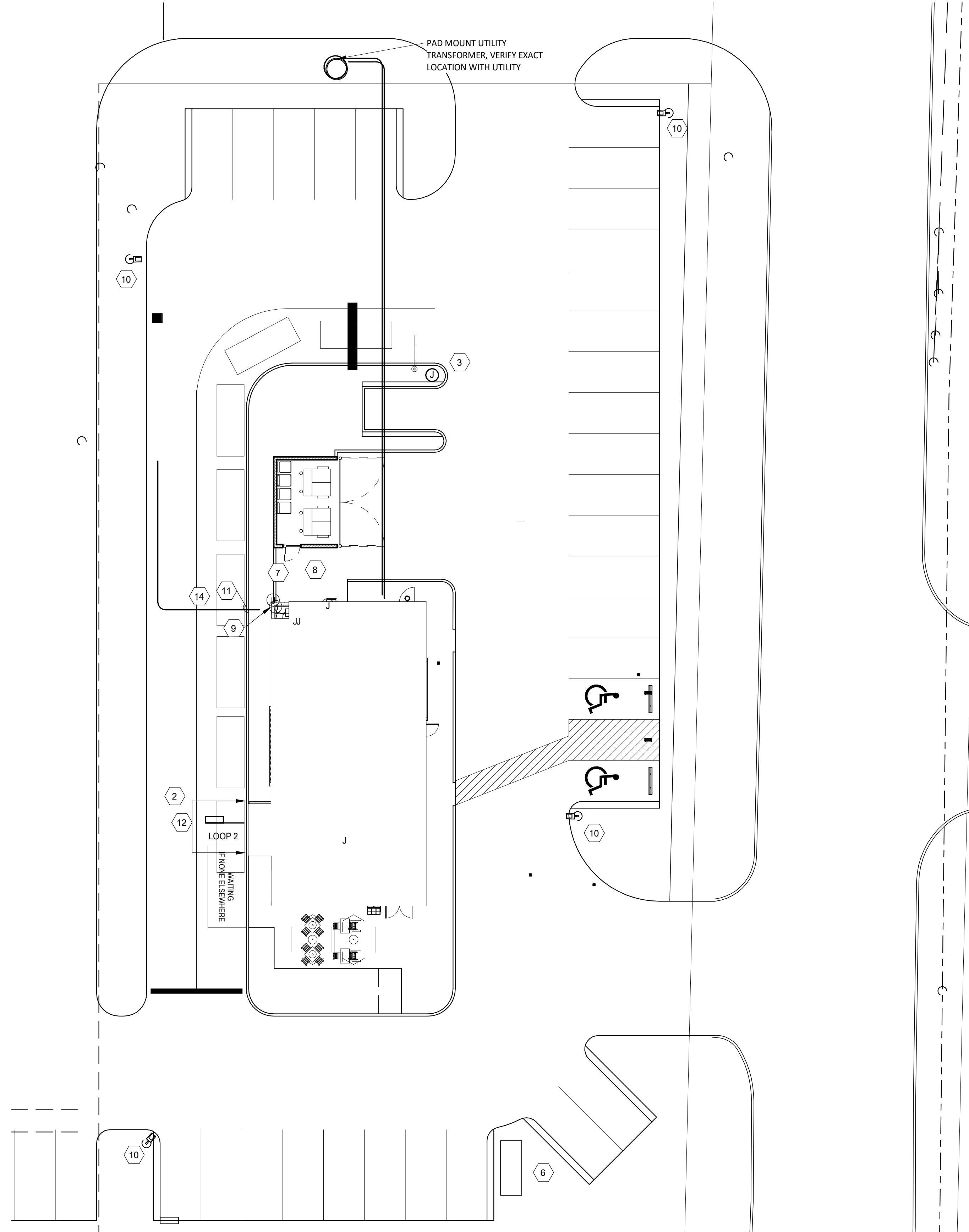
ELECTRICAL POWER PLAN NOTES

- ① INSTALL VEHICLE DETECTION LOOP FURNISHED BY TLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN DETECTOR LOOP WITH MARKETING SIGN.
- ② INSTALL VEHICLE DETECTION LOOP FURNISHED BY TLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN DETECTOR LOOP TO BE CENTERED ON THE PICK-UP WINDOW.
- ③ CONNECT ANNOUNCE SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 5/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
- ④ NOT USED.
- ⑤ PROVIDE EMPTY CONDUIT WITH PULL STRING TO CLEARANCE BAR. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
- ⑥ CONNECT MONUMENT SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 5/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.
- ⑦ EXISTING IN-GRADE J-BOX FOR VEHICLE DETECTOR LOOPS. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- ⑧ EXISTING IN-GRADE J-BOX FOR LINE VOLTAGE SITE WIRING. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- ⑨ INTERIOR J-BOXES AT 11'-0" AFF FOR LINE VOLTAGE AND LOW VOLTAGE SITE WIRING. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- ⑩ SITE LIGHTING, LL TO PROVIDE FIXTURE, POLE, AND BASE. EC TO CIRCUIT AS INDICATED. ROUTE CIRCUIT THRU LIGHTING CONTROL SYSTEM. REFER TO DETAIL 5/E710.

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



2 SITE CONDUIT DETAIL
E115 NTS



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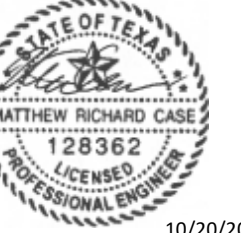
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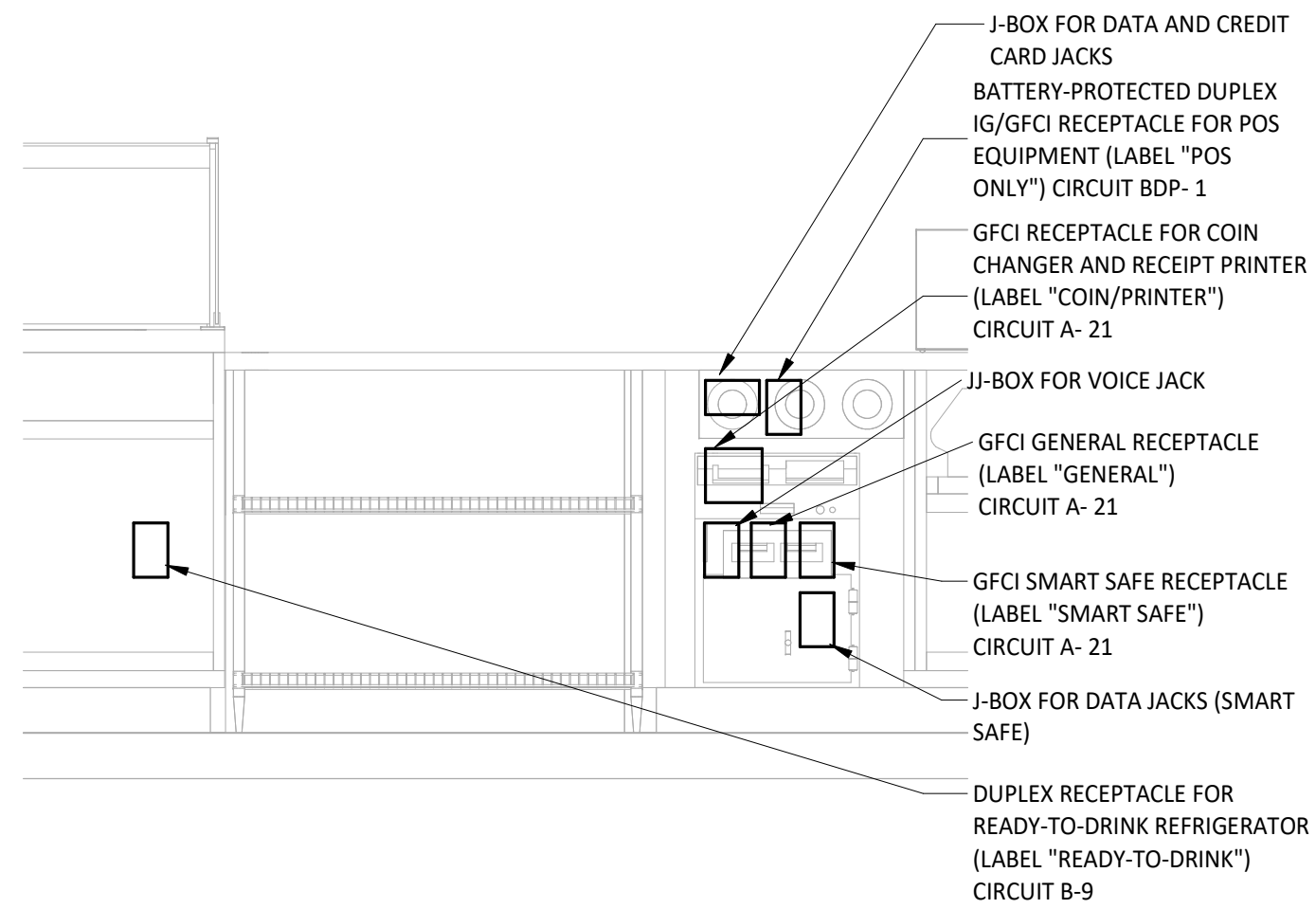
Revisions:

Drawn: JJV
Checked: BW

Project No.
CMGXXX

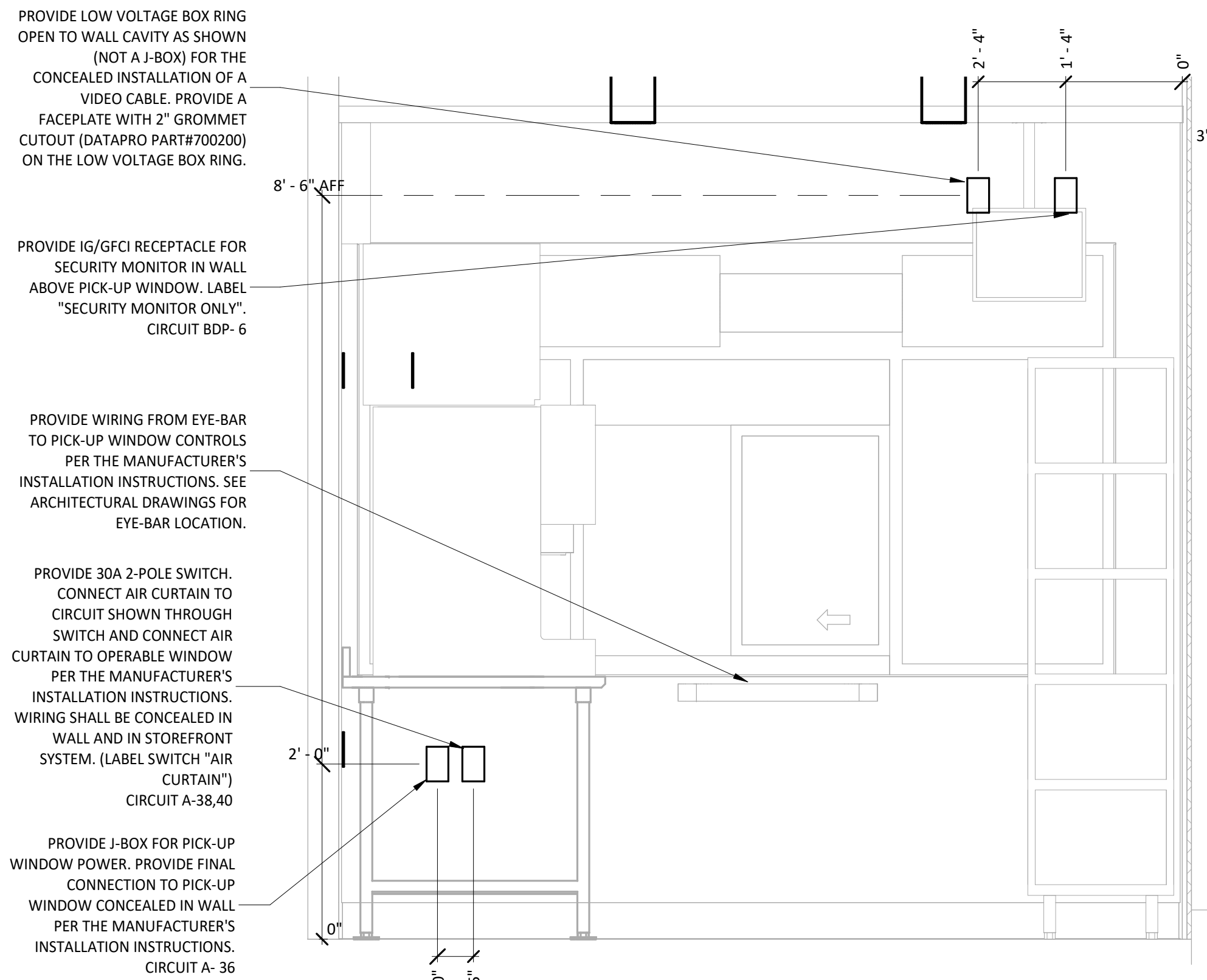
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POWER PLAN

E115



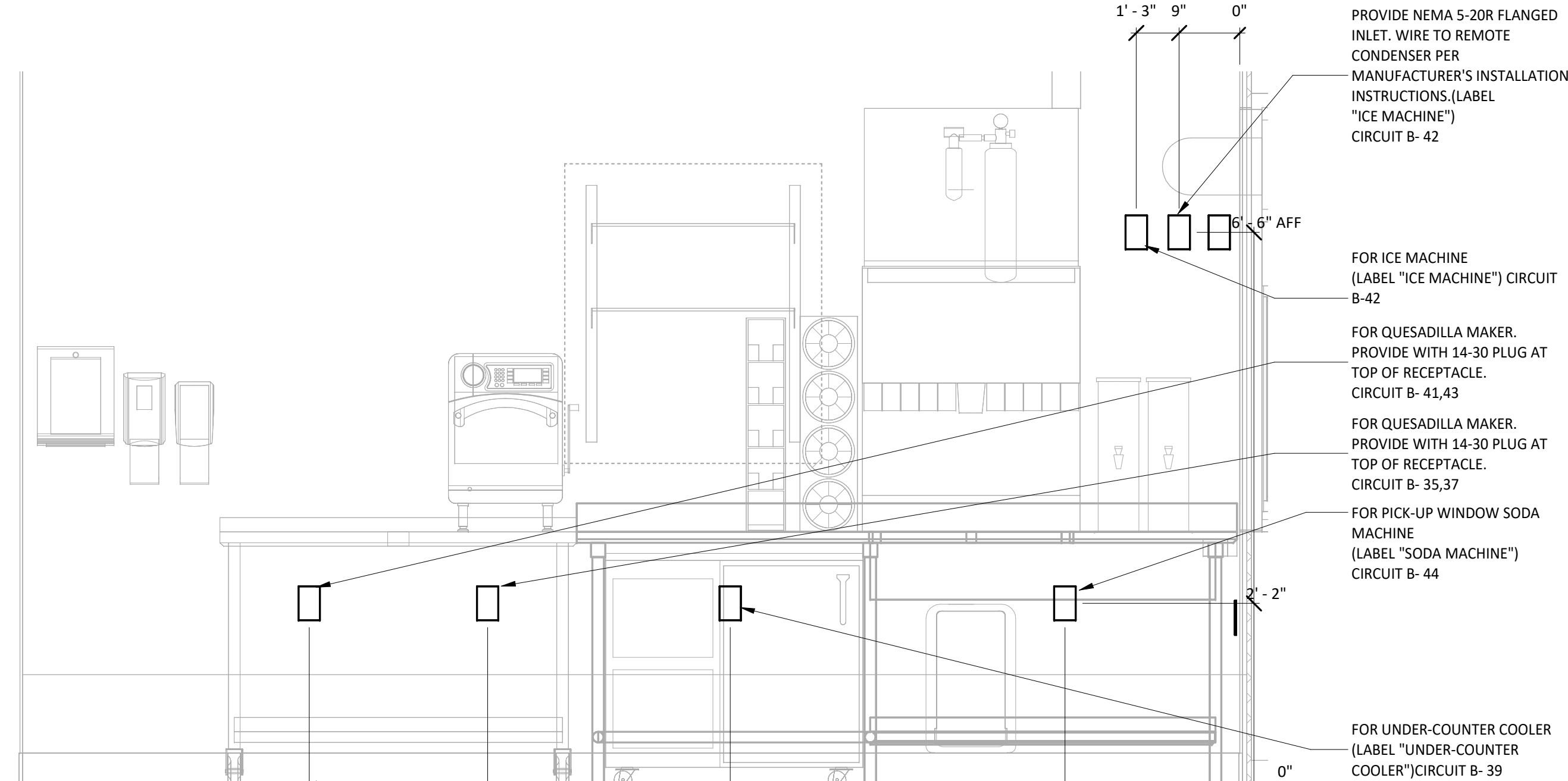
POS COUNTER ELECTRICAL ELEVATION

3/4" = 1'-0"



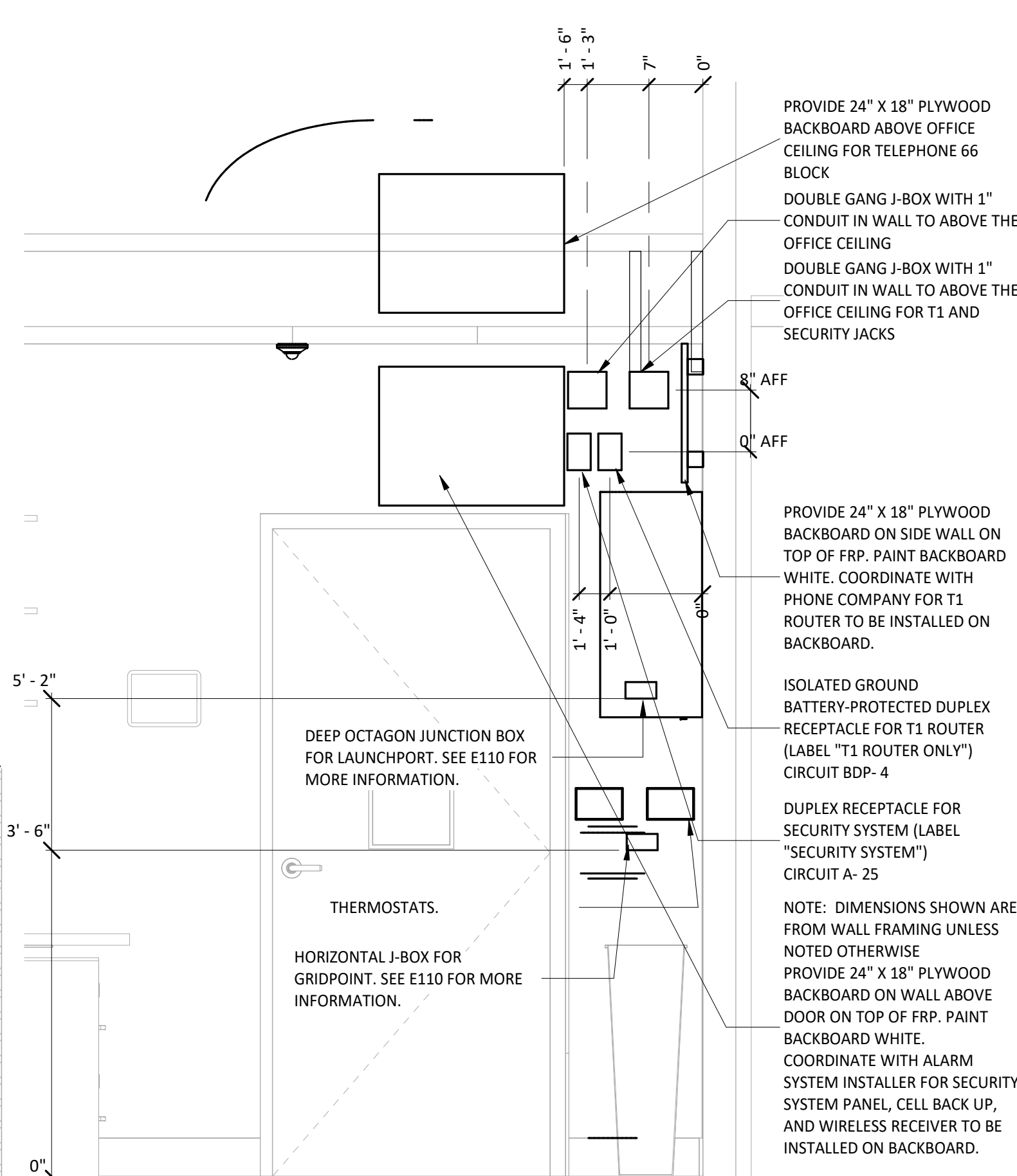
PICK-UP WINDOW ELECTRICAL ELEVATION

3/4" = 1'-0"



COLD SML ELECTRICAL ELEVATION

3/4" = 1'-0"

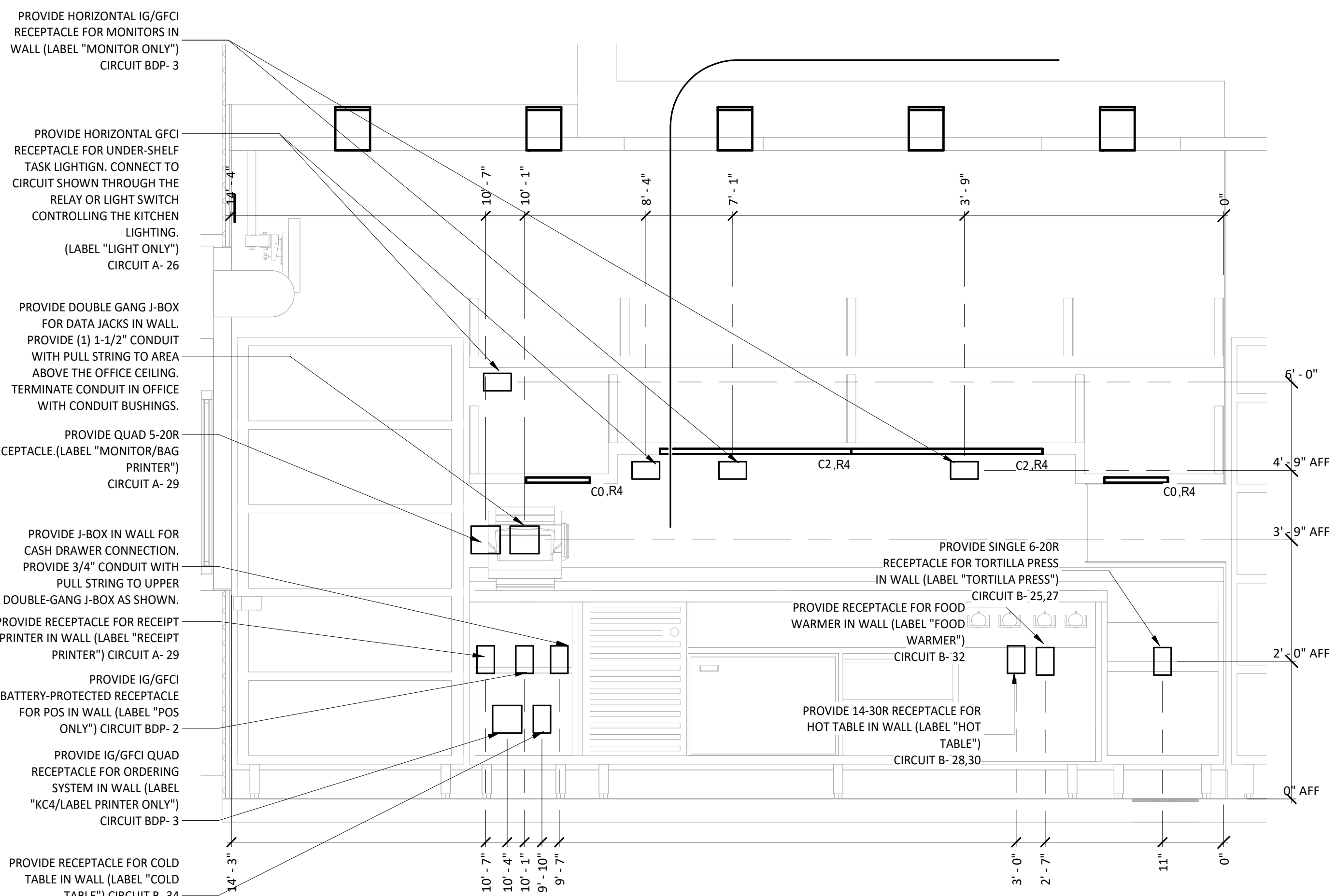
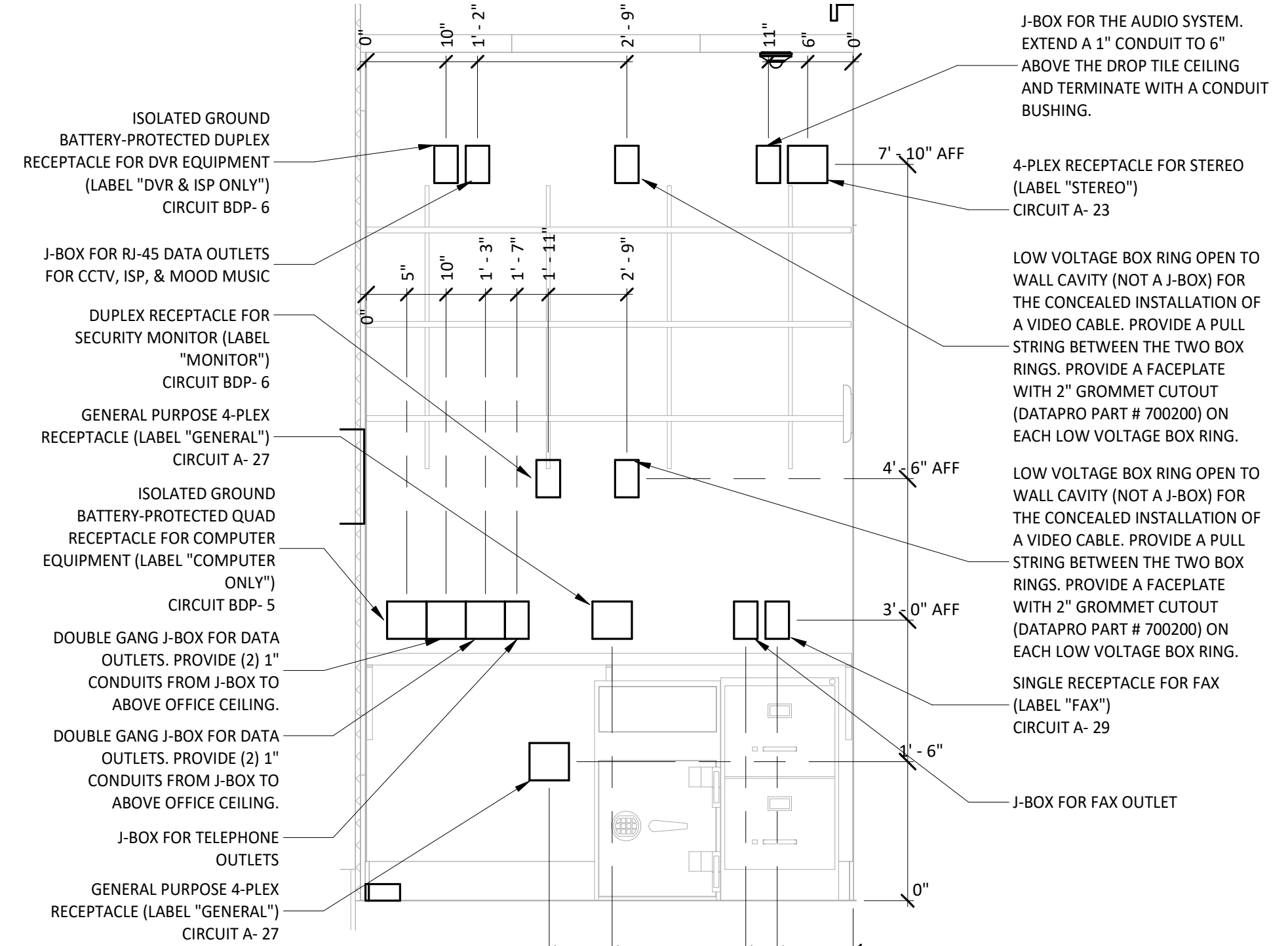


OFFICE DOOR ELECTRICAL ELEVATION

3/4" = 1'-0"

OFFICE ELECTRICAL DESK ELEVATION

3/4" = 1'-0"



DML ELECTRICAL ELEVATION

3/4" = 1'-0"

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Issue Record:

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Revisions:

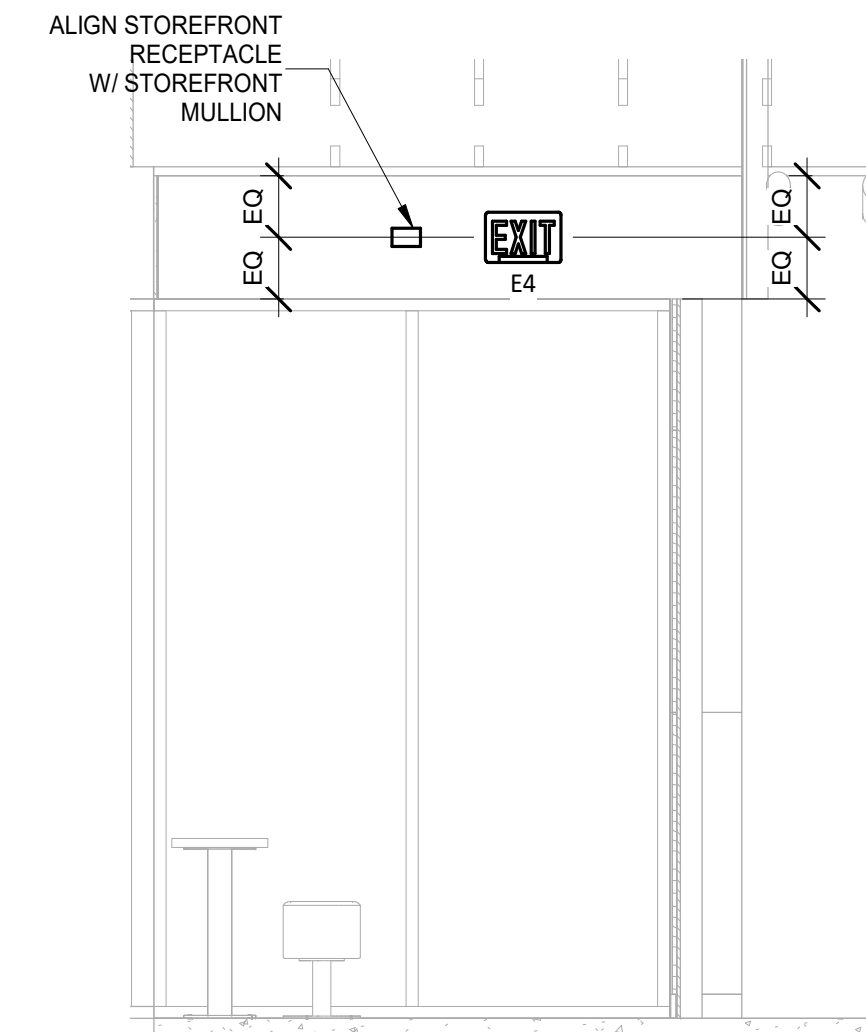
Drawn: JJV
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Project No: CMGXXX

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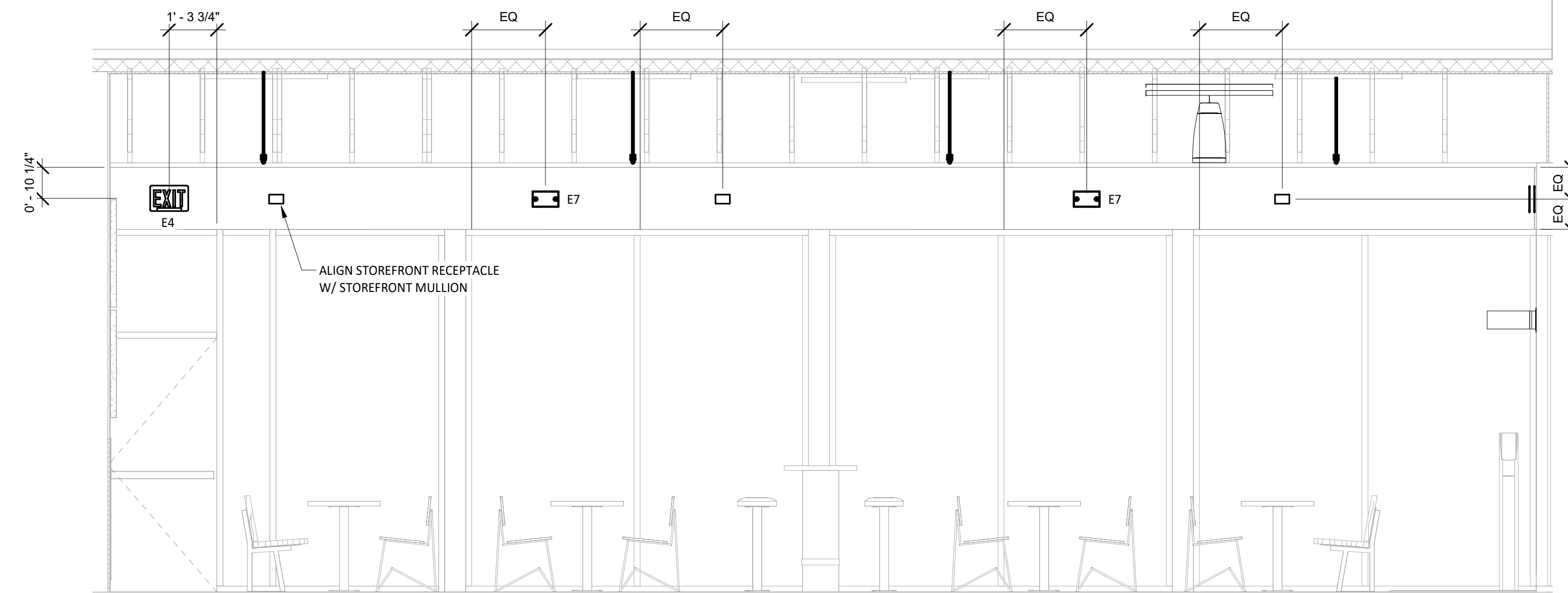
ELECTRICAL INTERIOR ELEVATIONS

E700



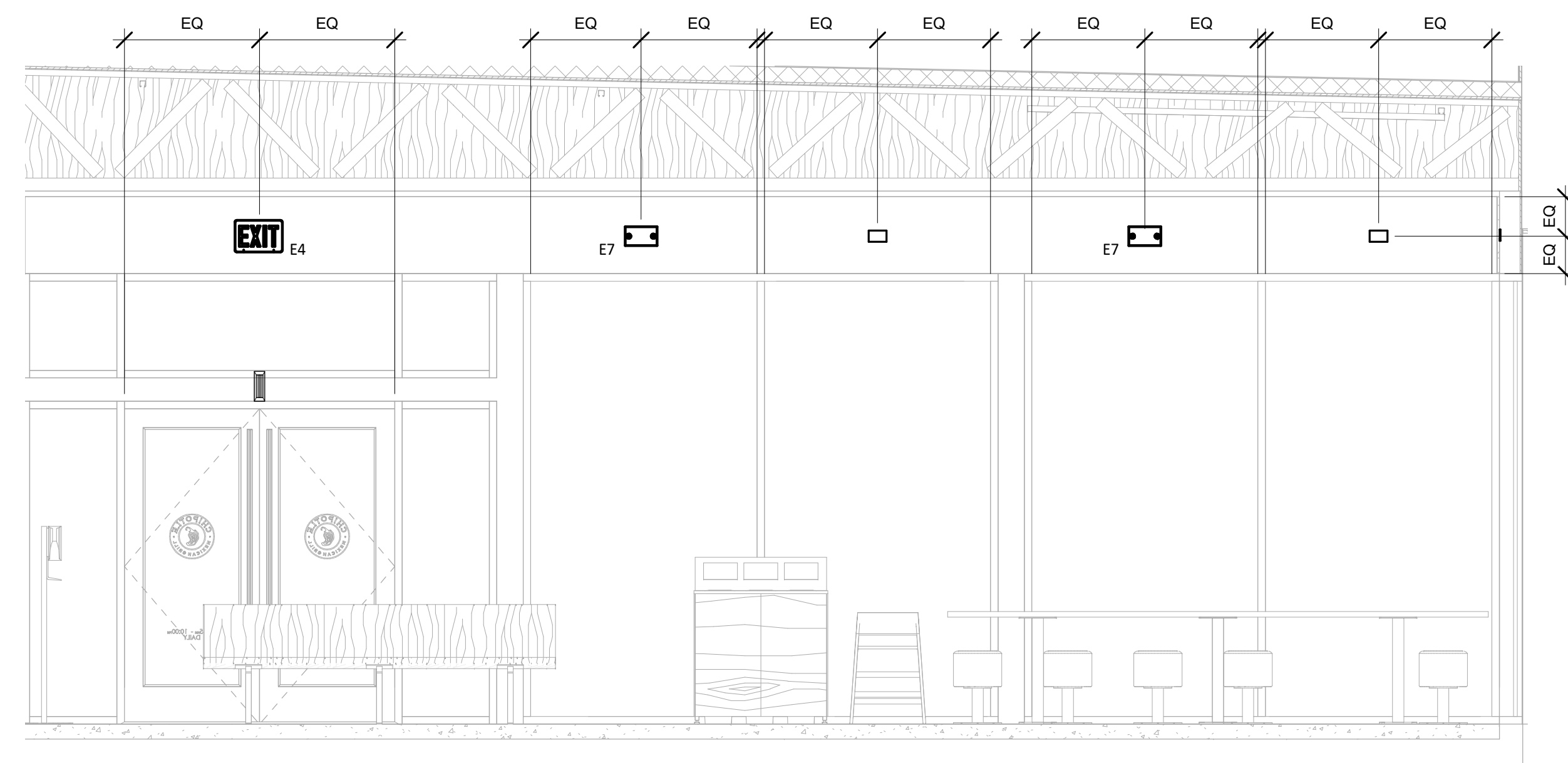
3
E705
3/8" = 1'-0"

DINING ROOM ELECTRICAL ELEVATION



1
E705
3/8" = 1'-0"

DINING ROOM ELECTRICAL ELEVATION



2
E705
3/8" = 1'-0"

DINING ROOM ELECTRICAL ELEVATION

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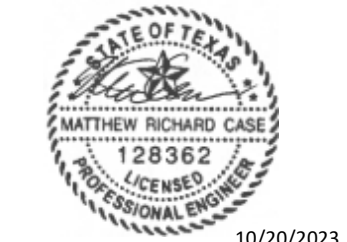
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Revisions:

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Checked: BW

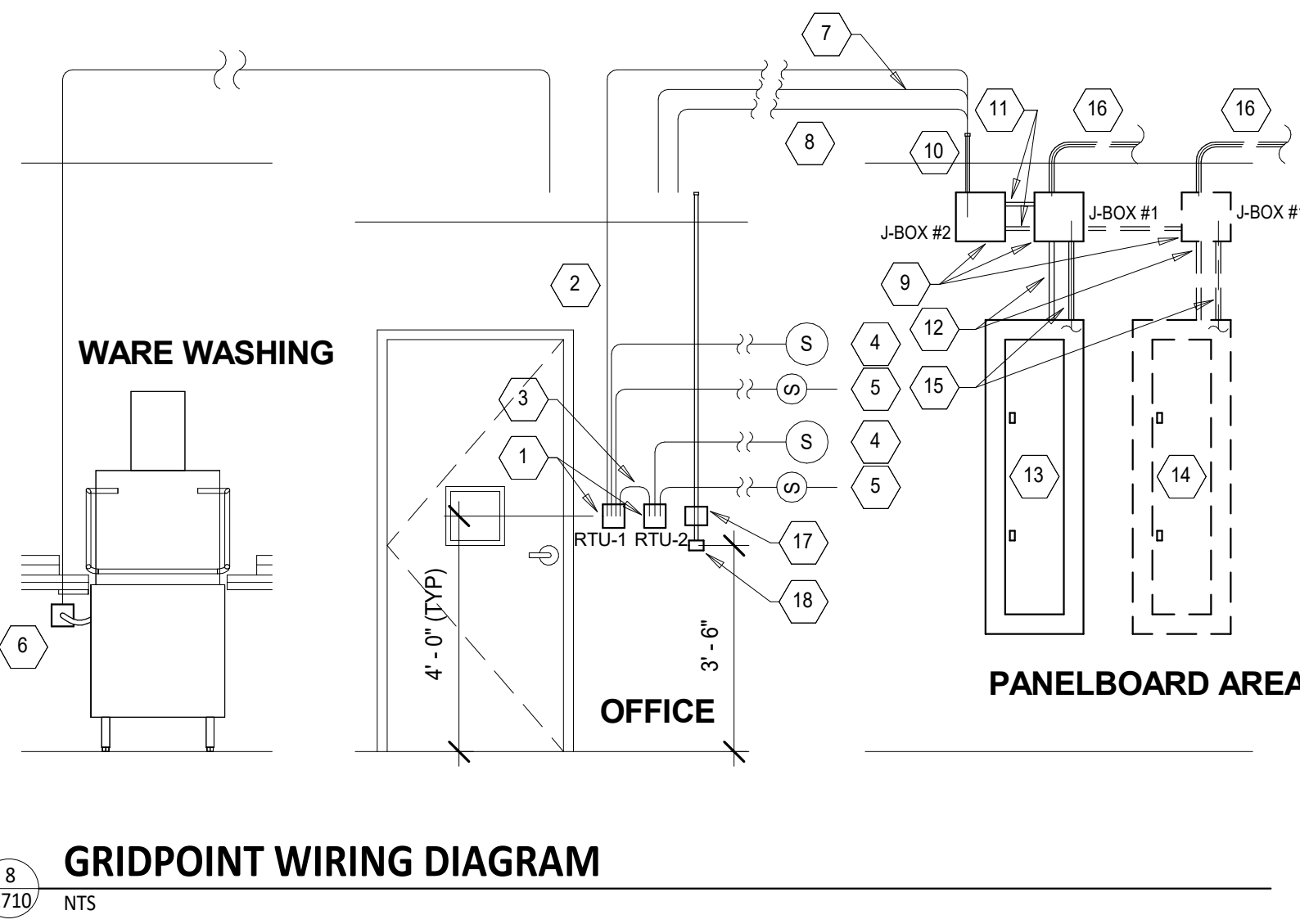
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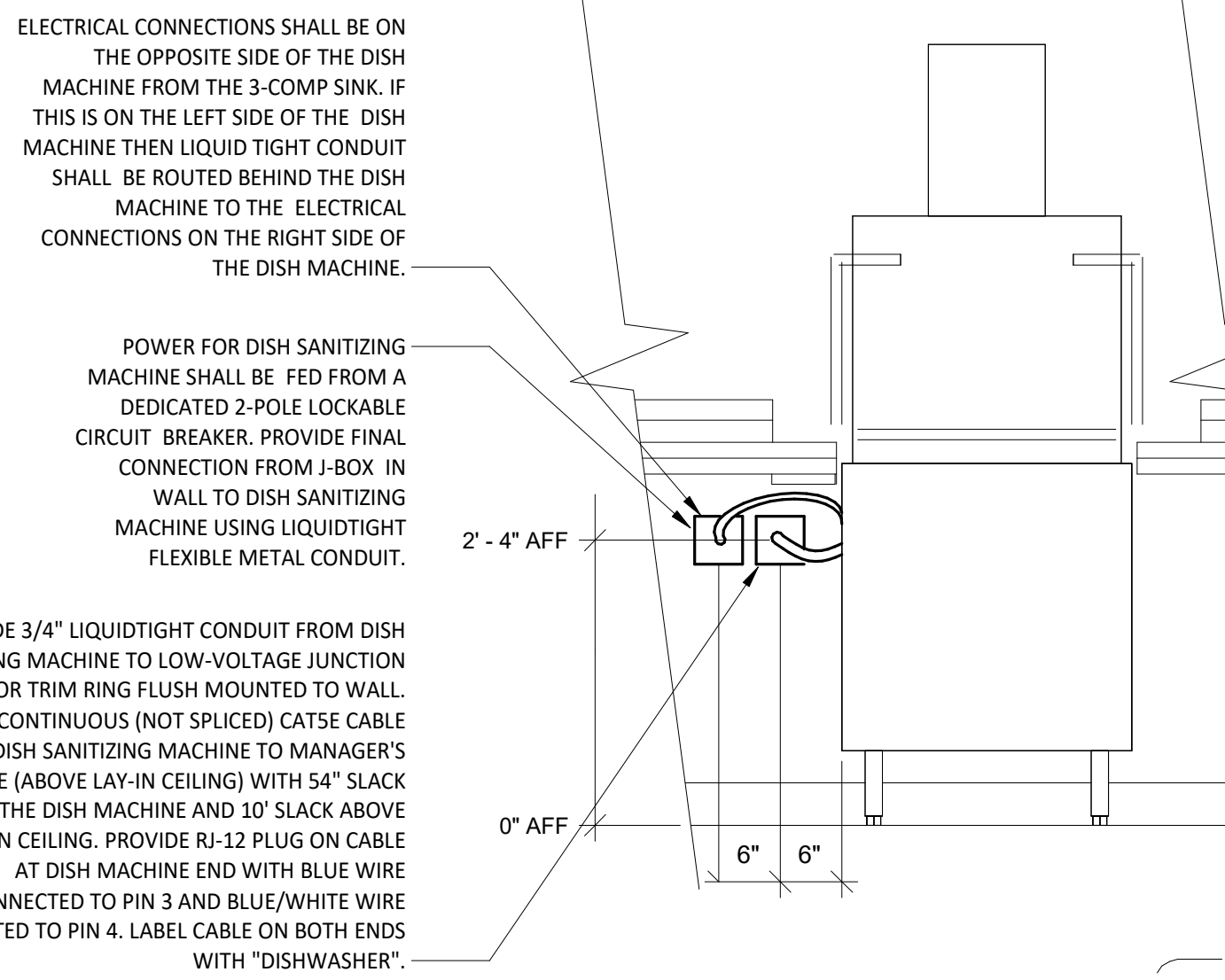
ELECTRICAL
INTERIOR
ELEVATIONS
E705

GRIDPOINT DIAGRAM NOTES

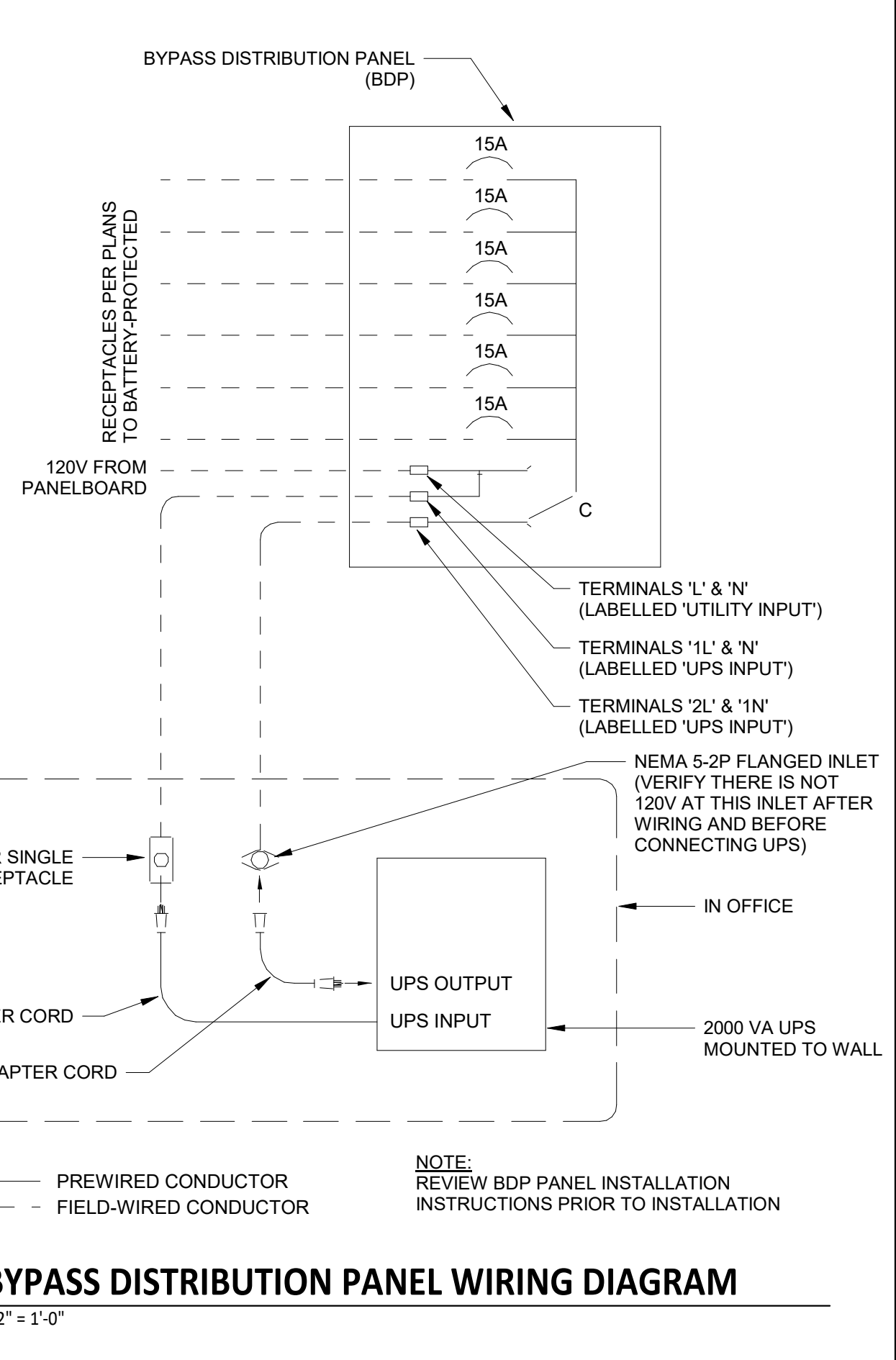
1. INSTALL GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2. PROVIDE THERMOSTAT WIRING FROM EACH THERMOSTAT TO THE CORRESPONDING ROOFTOP UNIT.
2. PROVIDE CATSE CABLE FROM RTU-1 THERMOSTAT TO J-BOX #2 ABOVE ELECTRICAL PANELS (LEAVE 16" OF CABLE COILED UP INSIDE OF J-BOX #2 AND 16" BEHIND WALL OF THERMOSTAT FOR FINAL CONNECTION TO THE EMS SYSTEM BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTAT#1".
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 18G-24G SHIELDED TWISTED PAIR FROM ZSM TO CORRESPONDING THERMOSTAT T1 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
5. INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM SUPPLY PROBE TO CORRESPONDING THERMOSTAT T2 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
6. PROVIDE 3/4" LIQUIDTIGHT CONDUIT FROM DISH SANITIZING MACHINE TO LOW-VOLTAGE JUNCTION BOX OR TRIM RING FLUSH MOUNTED TO WALL. PROVIDE CONTINUOUS (NOT SPLICED) CATSE CABLE FROM DISH SANITIZING MACHINE TO OFFICE (ABOVE LAY-IN CEILING) WITH 54" SLACK WITHIN THE DISH MACHINE AND 10' SLACK ABOVE THE LAY-IN CEILING. PROVIDE RJ-12 PLUG ON CABLE AT DISH MACHINE END WITH BLUE WIRE CONNECTED TO PIN 3 AND BLUE/WHITE WIRE CONNECTED TO PIN 4. LABEL CABLE ON BOTH ENDS WITH "DISHWASHER".
7. PROVIDE 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 LABEL "EMS POWER" ON BOTH ENDS OF THE CABLE. LEAVE 10' OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
9. PROVIDE SURFACE MOUNT 10" X 10" X 4" NEMA 1 ENCLOSURES ABOVE PANELBOARDS AND 6" BELOW CEILING.
10. PROVIDE 3/4" CONDUIT WITH INSULATING BUSHING ON END CONCEALED IN WALL FROM J-BOX #2 TO 6" ABOVE LAY-IN CEILING.
11. PROVIDE 3/4" CONDUIT(S) FROM J-BOX #1 TO J-BOX #2.
12. PROVIDE EMPTY 1" CONDUIT(S) FROM PANELBOARD(S) TO J-BOX #1 FOR FUTURE CT WIRING BY TEMS.
13. FIRST PANELBOARD FED FROM ELECTRICAL SERVICE. PROVIDE WITH (1) 20A/3-POLE CIRCUIT BREAKER (FOR GRIDPOINT 3 PHASE METER). IF PANELBOARD HAS 120V CIRCUITS AVAILABLE THEN ALSO PROVIDE (1) 20/1-POLE CIRCUIT BREAKER (FOR GRIDPOINT TRANSFORMER).
14. IF SPACE HAS MULTIPLE ELECTRICAL SERVICES THEN PROVIDE A "J-BOX #1" AND ASSOCIATED BREAKERS, CONDUITS, AND CONDUCTORS ON THE FIRST PANELBOARD FED FROM EACH ELECTRICAL SERVICE.
15. FOR EACH ELECTRICAL SERVICE PROVIDE (1) SET OF [(4) #12, #12 G.] FROM 3-POLE GRIDPOINT CIRCUIT BREAKER AND, IF THE PANELBOARD HAS 120V CIRCUITS AVAILABLE, (1) SET OF [(2) #12, #12 G.] FROM 1-POLE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
16. IF THE PANELBOARD DOES NOT HAVE 120V CIRCUITS AVAILABLE PROVIDE A 1-POLE 120V 20A CIRCUIT BREAKER IN A PANEL WITH A 120V CIRCUIT AVAILABLE. PROVIDE (1) SET OF [(2) #12, #12 G.] FROM THE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
17. GRIDPOINT CONTROLLER PROVIDED BY TEMS
18. PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION AS SHOWN. PROVIDE 3/4" CONDUIT WITH PULL STRING AND INSULATING BUSHING FROM J-BOX TO 6" ABOVE OFFICE LAY-IN CEILING.



GRIDPOINT WIRING DIAGRAM
NTS

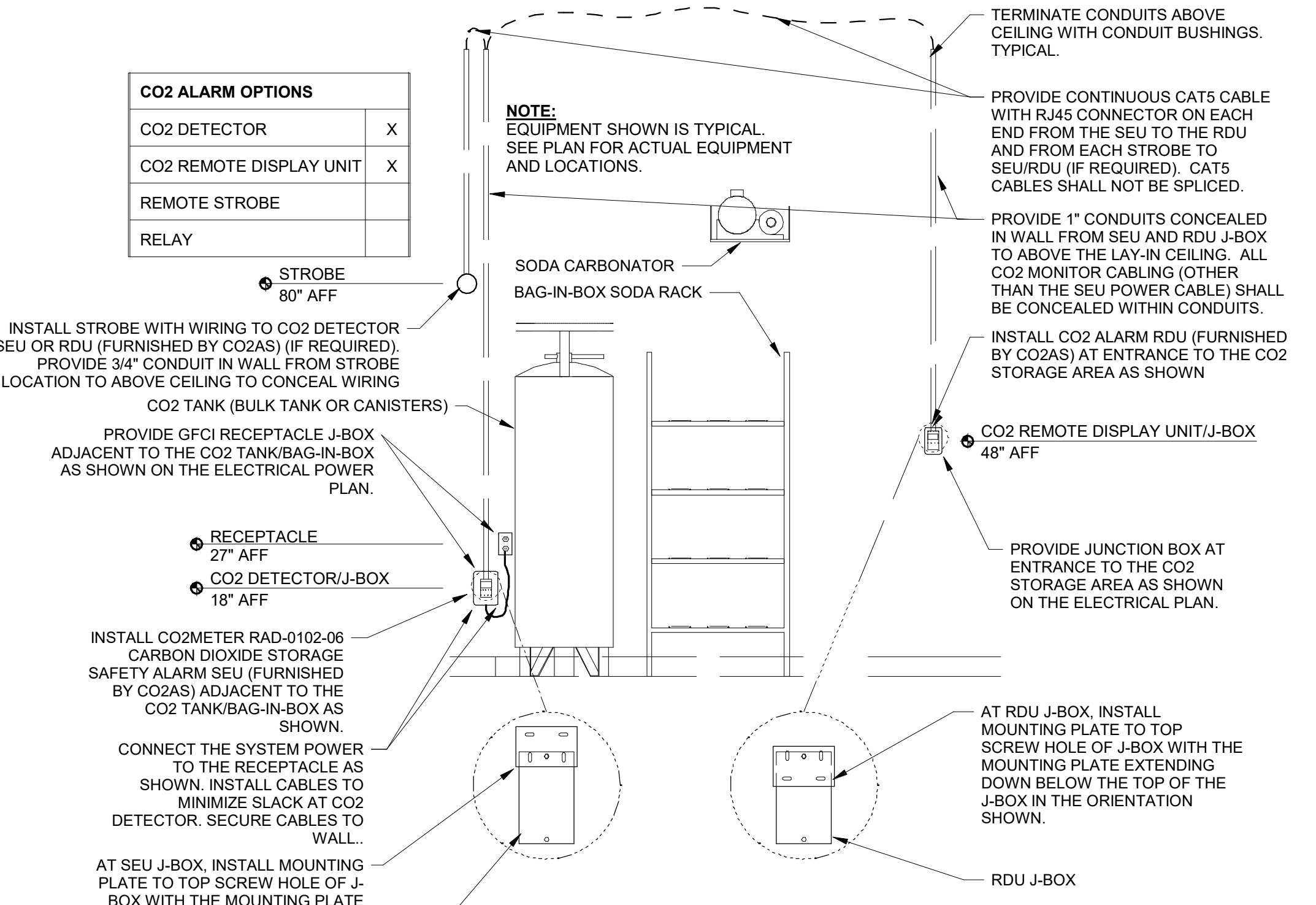


DISH SANITIZING MACHINE ELECTRICAL DETAIL
NTS



BYPASS DISTRIBUTION PANEL WIRING DIAGRAM
12" = 1'-0"

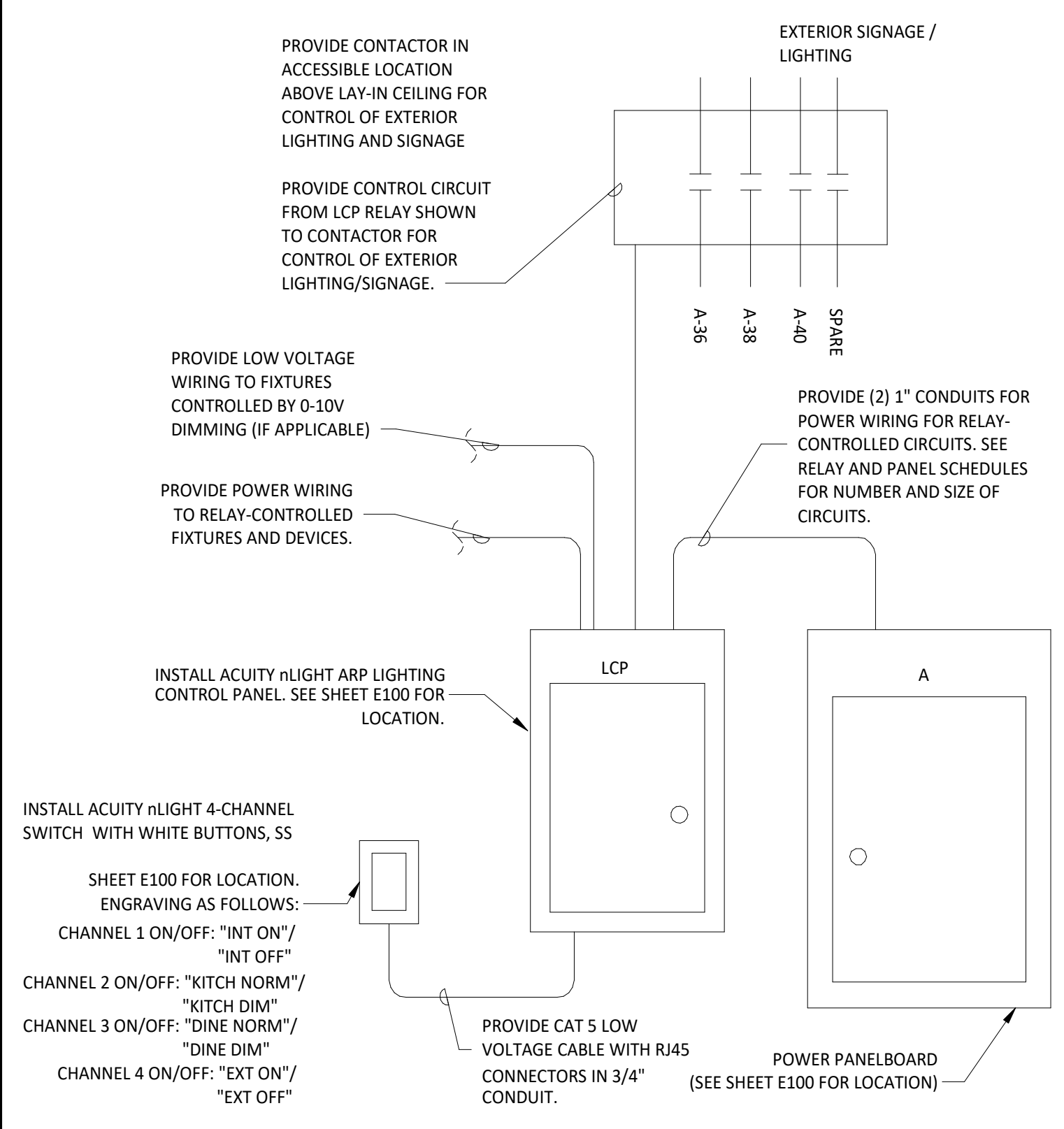
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CO2 DETECTOR	X
CO2 REMOTE DISPLAY UNIT	X
REMOTE STROBE	
RELAY	



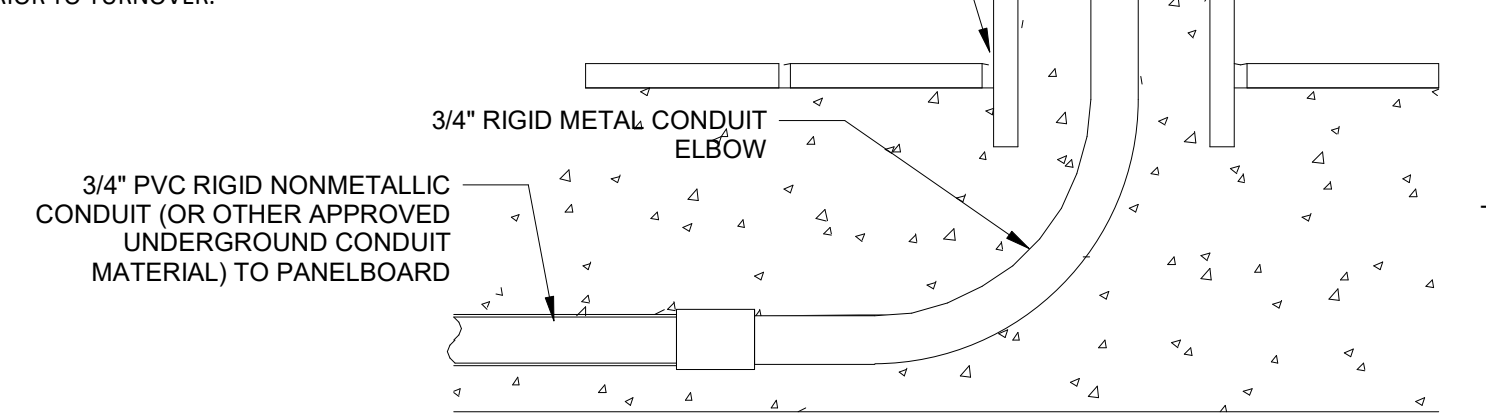
CO2 ALARM DETAIL
12" = 1'-0"

SEQUENCE OF OPERATIONS

- A. EMERGENCY LIGHT FIXTURES, EXIT SIGNS, LOCALLY-SWITCHED FIXTURES, AND FIXTURES DESIGNATED AS NIGHT LIGHTS ARE NOT CONTROLLED THROUGH THE RELAY PANEL.
- B. ALL TIMES NOTED SHALL BE LOCAL TIME AND SHALL AUTOMATICALLY ADJUST FOR DAYLIGHT SAVINGS TIME, IF APPLICABLE.
- C. ALL KITCHEN LIGHTING CIRCUITS AND RESTROOM EXHAUST FAN CIRCUIT SHALL BE ENERGIZED FROM 7:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES. ALL DINING ROOM LIGHTING CIRCUITS SHALL BE ENERGIZED FROM 10:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
- D. OVERRIDES: WHEN ONE OF THE OVERRIDE BUTTONS IS PRESSED (BUTTONS 1-2) THE SYSTEM WILL GO INTO OVERRIDE MODE FOR ONE (1) HOUR OR AS NOTED BELOW. DURING THIS TIME THE CORRESPONDING LAMP WILL ILLUMINATE ON THE OVERRIDE BUTTON. IF AN "ON" BUTTON IS PRESSED THEN ALL OF THE CONTROLLED FIXTURES IN THE CORRESPONDING ZONE WILL REMAIN ENERGIZED FOR THE DURATION OF THE OVERRIDE PERIOD. IF AN "OFF" BUTTON IS PRESSED THEN ALL OF THE CONTROLLED FIXTURES IN THE CORRESPONDING ZONE WILL REMAIN DE-ENERGIZED UNTIL THE NEXT SCHEDULED EVENT OR "ON" OVERRIDE ENERGIZES THE ZONE.
- E. DINING DIMMING: WHEN THE DINING ROOM DIMMING BUTTON (BUTTON 3) IS PRESSED HALF OF THE LIGHTING CIRCUITS IN THE DINING ZONE AND ANY LIGHTING CIRCUITS IN THE DAYLIGHT ZONE SHALL BE DE-ENERGIZED AND THE OTHER HALF OF THE LIGHTING CIRCUITS IN THE DINING ZONE WILL BE ENERGIZED FOR A DURATION OF ONE (1) HOUR.
- F. KITCHEN DIMMING: WHEN THE KITCHEN DIMMING BUTTON (BUTTON 4) IS PRESSED HALF OF THE LIGHTING CIRCUITS IN THE KITCHEN ZONE SHALL BE DE-ENERGIZED AND THE OTHER HALF OF THE LIGHTING CIRCUITS IN THE KITCHEN ZONE WILL BE ENERGIZED FOR A DURATION OF ONE (1) HOUR.
- G. VERIFY THAT TIME AND TIME ZONE ARE SET CORRECTLY ON BLUE BOX. VERIFY WITH STORE OPERATIONS THAT THE ON/OFF TIMES ARE COMPATIBLE WITH THE STORE OPERATING HOURS PRIOR TO TURNOVER.



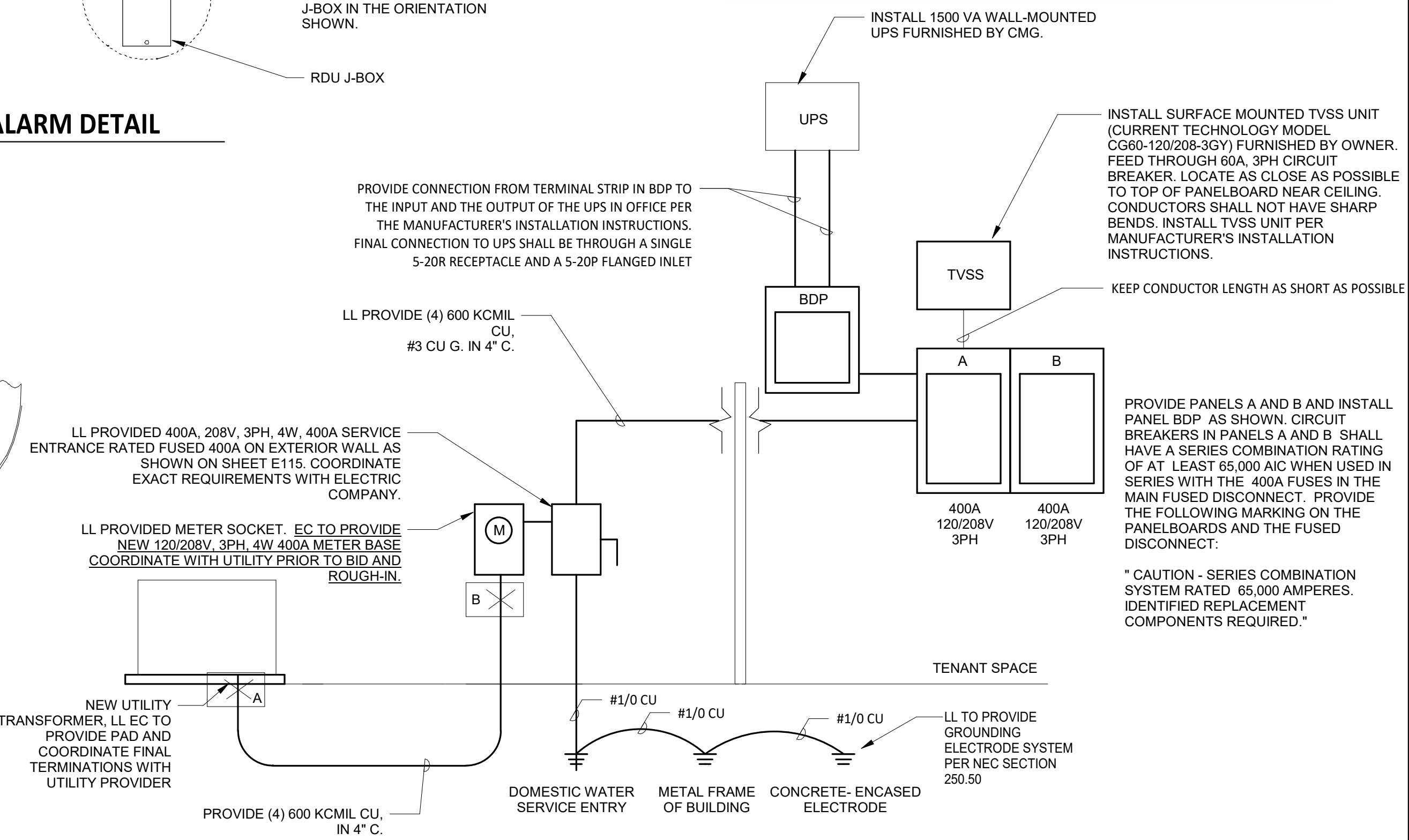
INTERIOR LIGHTING CONTROL DIAGRAM
12" = 1'-0"



PEDESTAL OUTLET DETAIL
12" = 1'-0"

3 Phase Short Circuit Calculation

I_{sc} at Source	65000	f	2.1976
Conductor C Value	19703	M	0.3127
# of Conductor/Phase	1	I_{sc}	20320 B_x
Length of Feeder	80		
Line to Line Voltage	208		



MAIN DISTRIBUTION DIAGRAM
NTS

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 10/20/2023
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 Issue Record:
 03/22/22 FOR PERMIT
 Revisions:
 Drawn: JJV
 Checked: BW
 Project No.: CMGXXX
 Contents:
ELECTRICAL DETAILS
E710