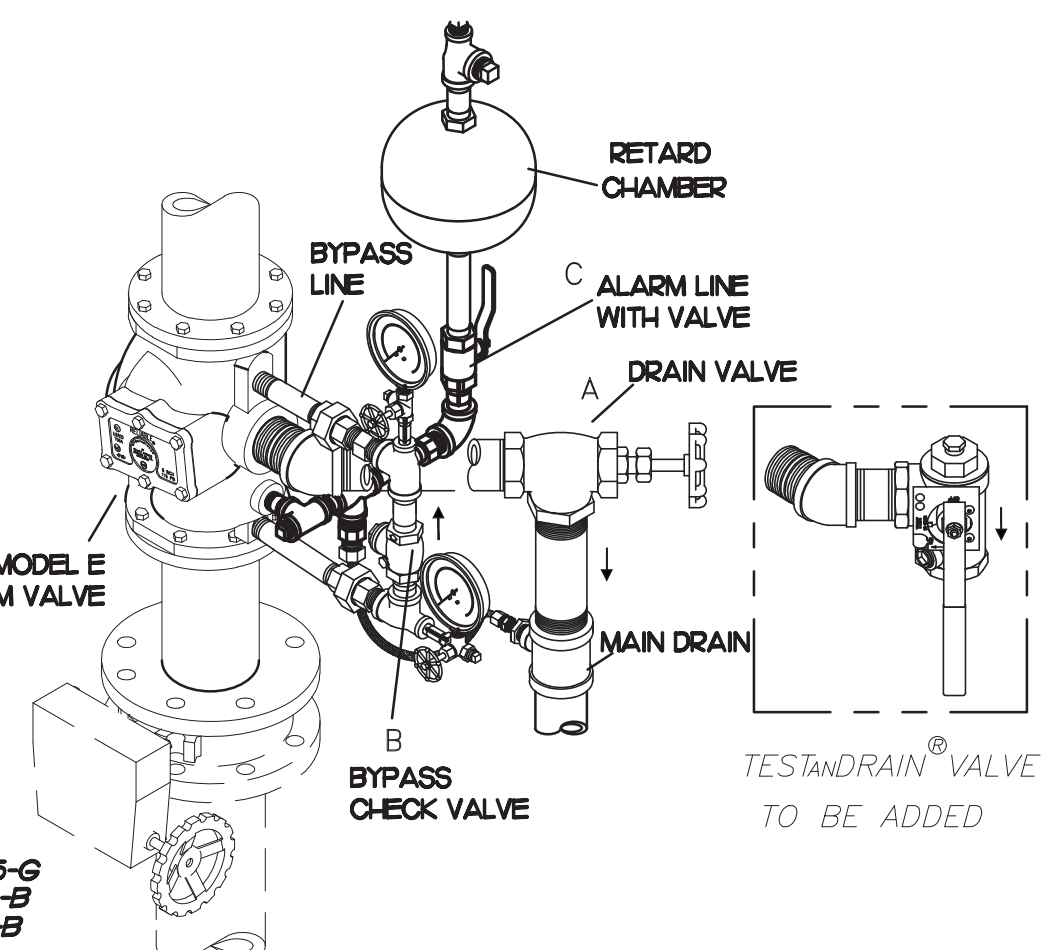


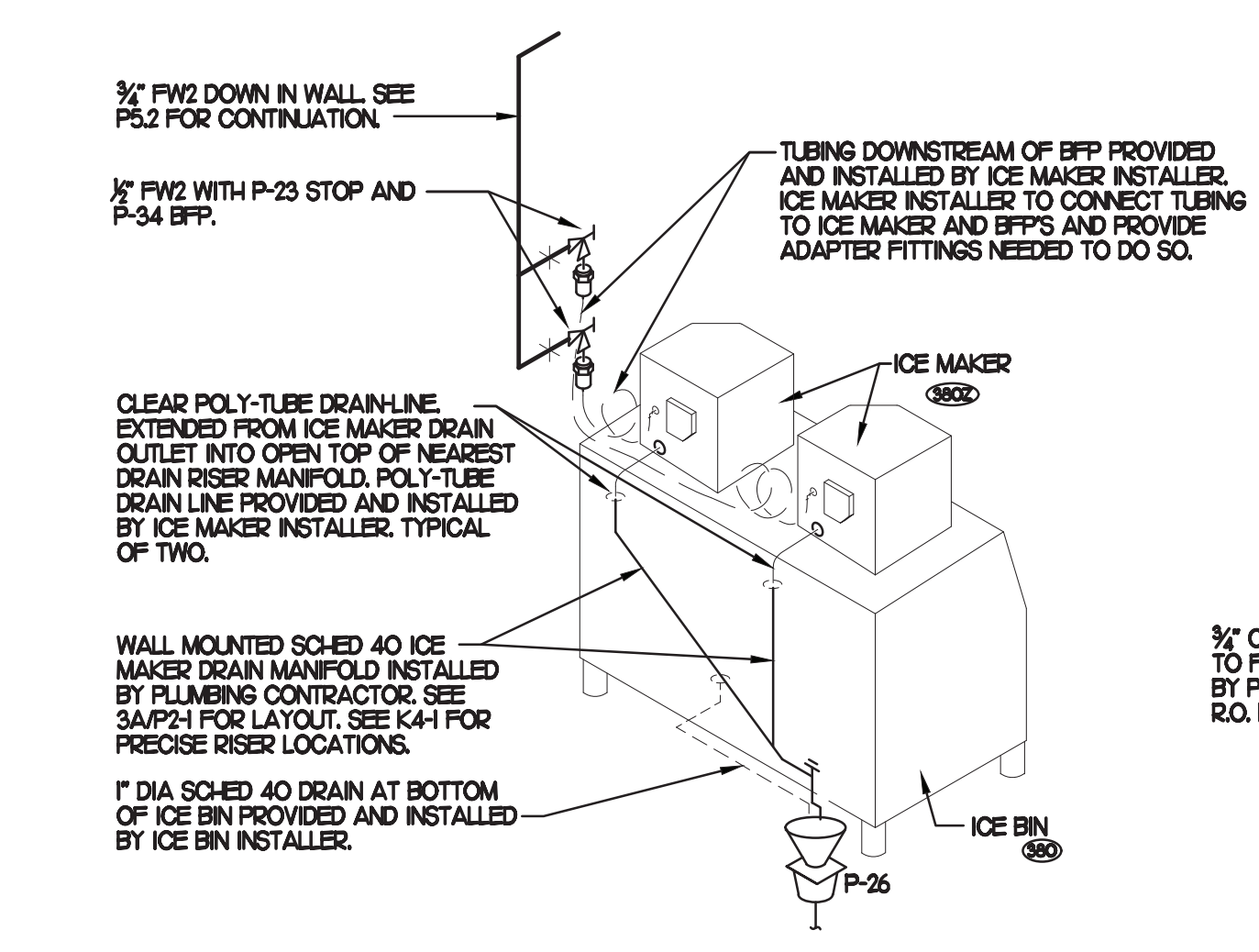
1 WATER PIPING PLAN
SCALE: 1/4"=1'-0"

- KEY NOTES**
- PROVIDE NEW WATER FILTERS TO REPLACE EXISTING. VERIFY EXACT LOCATION AND CONNECTIONS PRIOR TO BID & CONSTRUCTION. SEE DETAILS.
 - OWNER PROVIDED, PLUMBER INSTALLED STOP/FFP PANEL. SEE K-SHEET ELEVATIONS FOR EXACT LOCATION. PROVIDE EXPOSED 3/4" BALL VALVE AT CONNECTION TO PANEL. CONNECT 1" DIA SCHED 40 PVC TO FACTORY PROVIDED COUPLING MOUNTED ON BACK WALL AND ROUTE BPP DRAIN TIGHT TO WALL TO 12" AFF. EIGHT (8) ASSE 022 RATED BPP'S. PIPING FROM BPP'S TO CARBONATORS SHALL BE BY THE LOCAL SOFT DRINK VENDOR.
 - RUN NEW FW AND FW2 FROM NEW WATER FILTERS, AND DEMOLISH ALL EXISTING FW AND FW2.
 - 3/4" FW DROP TO TWO-HANDLE FAUCET, P-30. MOUNT FAUCET ON WALL. SEE K-SHEETS FOR EXACT LOCATION. PIPE 1/2" FW TO EACH FAUCET INLET WITH 6" SPREAD. PROVIDE BALL VALVE ABOVE CEILING.
 - 1/2" HW AND CW DROPS TO MOP SINK FAUCET SET P-7. PROVIDE BALL VALVE FOR EACH ABOVE CEILING WITH P-22 BALL CHECK VALVE IN EACH DROP.
 - INSTALL P-16 3-WAY VALVE WITH BACKFLOW PREVENTER ON P-7 FAUCET SPOUT FOR CONNECTION TO ESCOLAB DETERGENT DISPENSER. SEE DETAIL 5/P21.
 - NEW P-19 TANKLESS WATER HEATER.
 - TURN 3/4" CONDENSATE PIPING OUT OF COOLER AND EXTEND OUTLET TO FLOOR SINK. SECURE PIPING TO COOLER WALL WITH RUBBER INSULATED PIPE CLAMPS TO PREVENT GALVANIC CORROSION. SEAL ALL PENETRATIONS IN WALLS WITH PERMAGUM CORD. TERMINATE ABOVE FUNNEL WITH ELBOW AND AIR GAP.
 - 3/4" TYPE L COPPER. PROVIDE 12" OF FALL BEFORE PENETRATING WALL PANEL. COVER WITH 1-1/2" I.D. X 1/2" ARMADILL A/P ARMAFLEX OVER HEAT TRACE CABLE.
 - PROVIDE SCHEDULE 40 (BLACK OR GALVANIZED) STEEL PIPING BACK TO FUTURE DARPRO OIL TANK. PIPING TO BE ROUTED TO ALLOW AS MUCH FALL AS POSSIBLE TO THE TANK.
 - TURN 3/4" AND 2" SCHEDULE 40 STEEL PIPE DOWN THROUGH CEILING FOR FUTURE DARPRO OIL TANK AND CAP ACCORDINGLY. PROVIDE CHROMED ESCUTCHEONS AT CEILING PENETRATIONS. 3/4" OIL LINE TO BE CAPPED 2' BELOW CEILING.

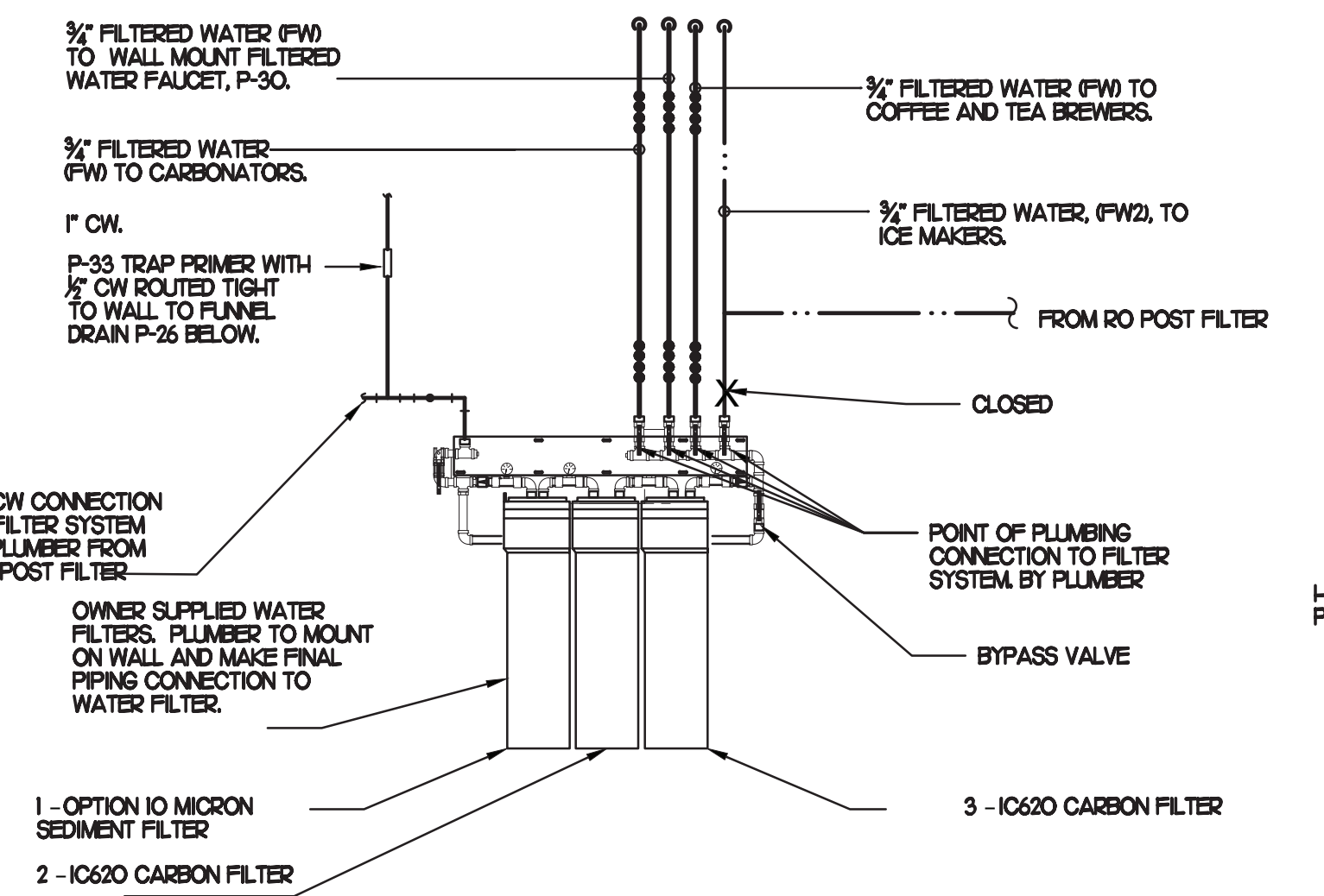


8 FIRE RISER DETAIL
NO SCALE

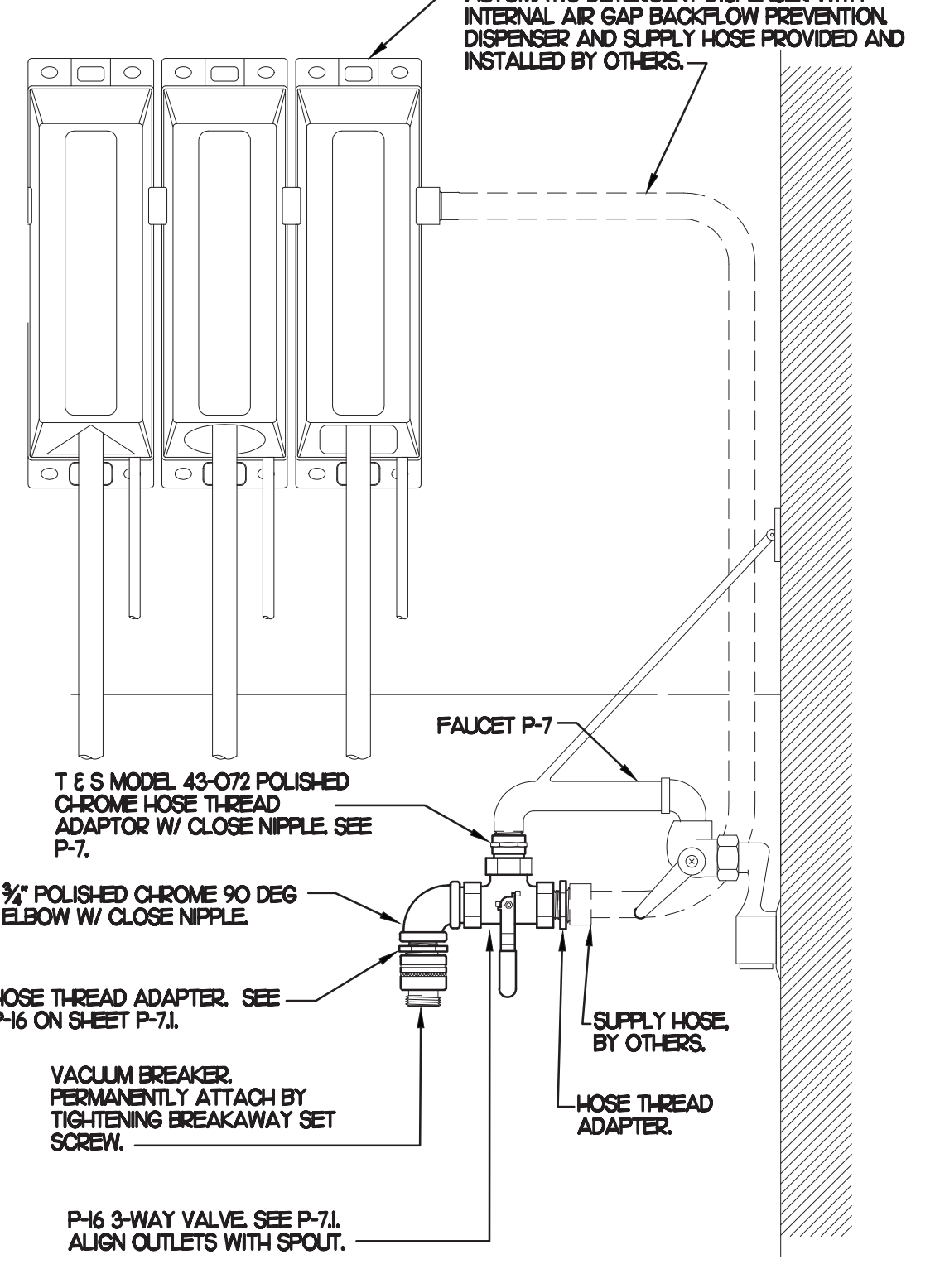
- SHEET NOTES**
- COORDINATE VENT TERMINAL LOCATIONS WITH FRESH AIR HOODS ON ROOFTOP EQUIPMENT SO AS TO MAINTAIN MINIMUM 10'-0" CLEARANCE.
 - HOLD ALL PIPING ABOVE THE CEILING TIGHT TO STRUCTURE. DUCT LOCATIONS TAKE PRIORITY. SEE DRAWING M/J FOR DUCT LAYOUT. COORDINATE CONFLICTS WITH GC.
 - SEE K-SHEET ELEVATIONS FOR KITCHEN EQUIPMENT LOCATIONS.
 - SEE SHEET P-22 FOR BEVERAGE CONDUIT PIPING.
 - SEE RISER DIAGRAM (P/5) FOR VENT PIPING. SEE ROOF PLAN (P/4) FOR VENT THRU ROOF (VTR) LOCATION.
 - COORDINATE ABOVE-CEILING PIPING LOCATIONS AND ROUTING WITH HVAC CONTRACTOR AND M-SHEETS PRIOR TO INSTALLATION. ALL MAIN DUCT TRUNK LOCATIONS SHALL TAKE PRIORITY. PIPING MAY REQUIRE REMOVAL AND REINSTALLATION AT PLUMBER CONTRACTOR'S EXPENSE IF PIPING OBSTRUCTS THE M-SHEET DUCT LAYOUT AS SHOWN OR PREVENTS ACCESS TO GREASE DUCT CLEANOUT OPENINGS.



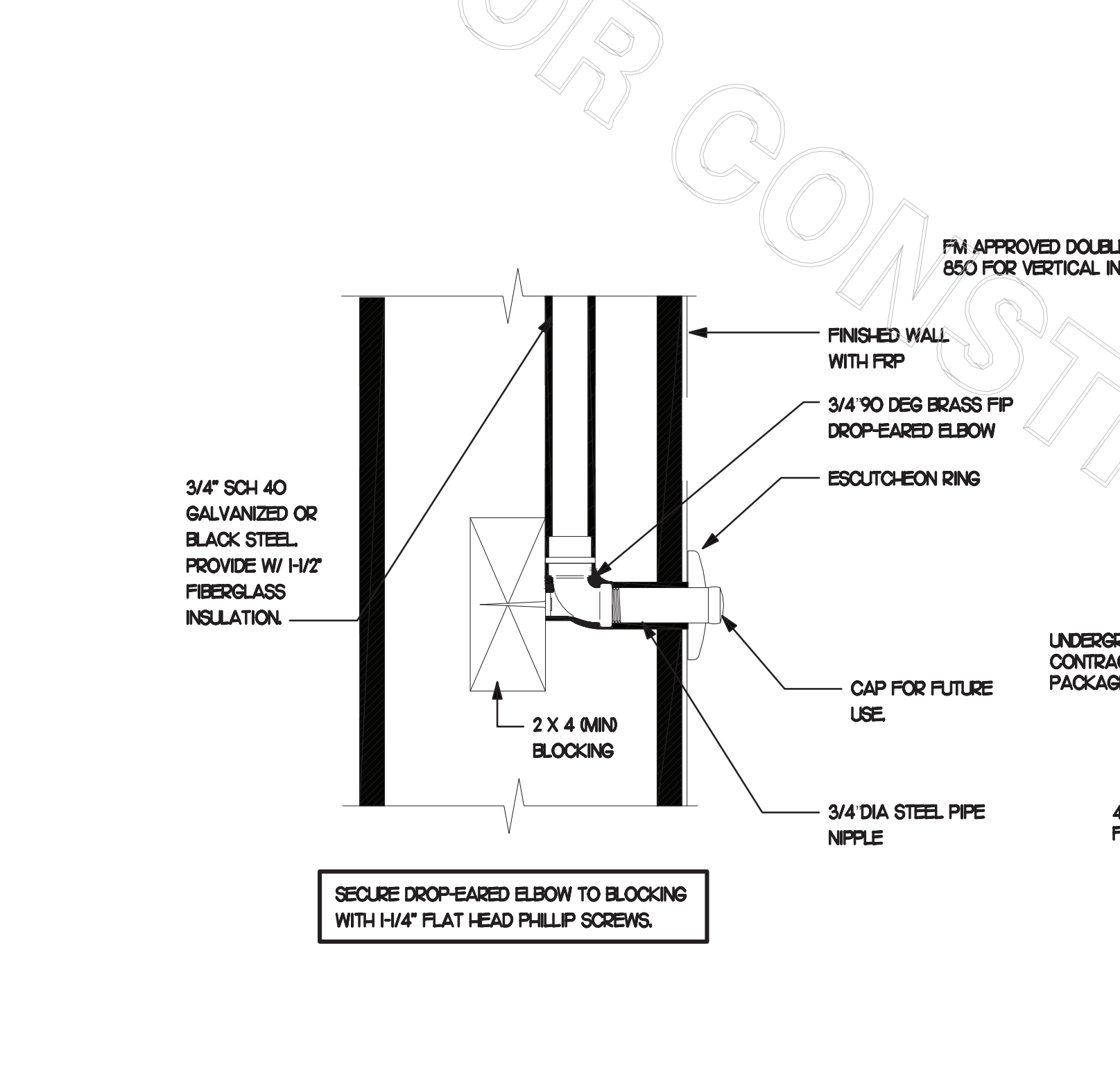
2 ICE MACHINE PIPING
NO SCALE



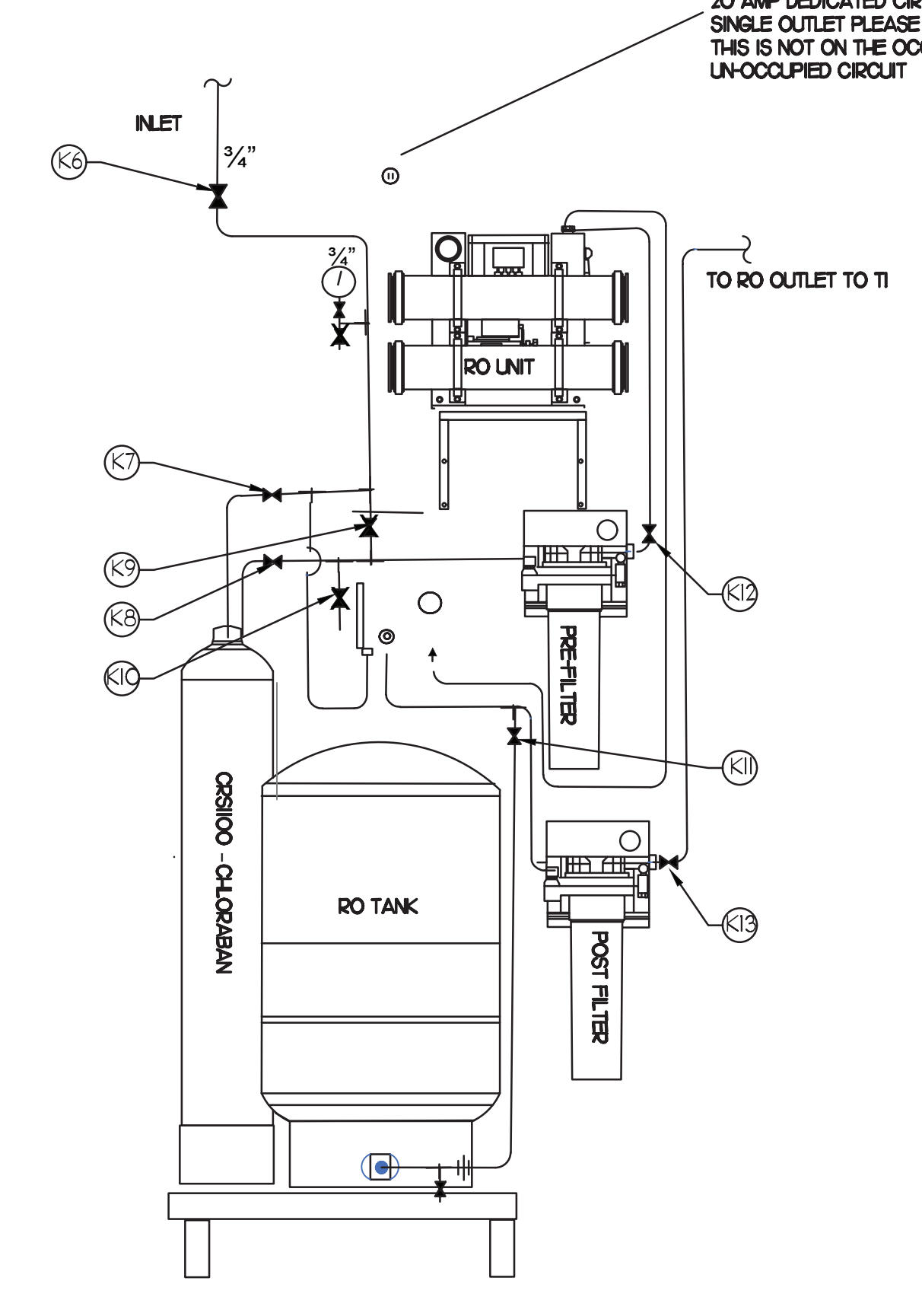
3 PIPING AT WATER FILTER
SCALE: 1/4"=1'-0"



5 3-WAY VALVE AT MOP SINK
NO SCALE



7 DARPRO OIL PIPING SECTION WITHIN WALL
NO SCALE



4 R.O. SYSTEM DETAIL
NO SCALE

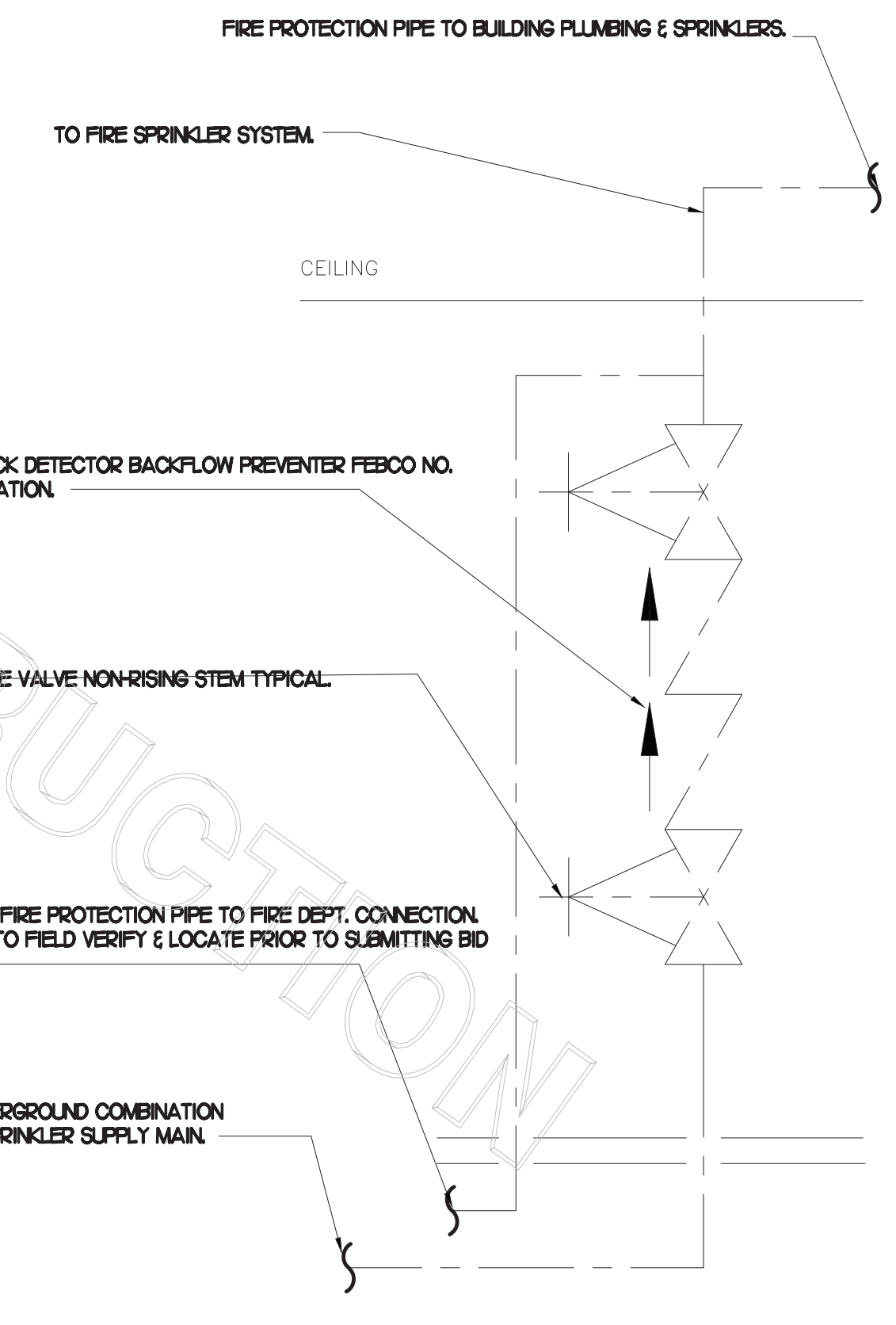
PIPING LEGEND

- CW - COLD WATER
- HW - HOT WATER
- TW - TEMPERED WATER
- FW - FILTERED WATER TO P-30, CARBONATORS, COFFEE, TEA, AND ICE MAKERS
- EXISTING PIPING

WATER SOFTENER VALVE TAG LEGEND

VALVE	NORMALLY OPEN OR NORMALLY CLOSED
MAIN INLET	NORMALLY OPEN
DECH-OR INLET	NORMALLY OPEN
DECH-OR OUTLET	NORMALLY OPEN
DECH-OR BYPASS	NORMALLY CLOSED
DECH-OR RINSE/DOWN	NORMALLY CLOSED
RO TANK ISOLATION	NORMALLY OPEN
PRE-FILTER OUTLET	NORMALLY OPEN
POST FILTER OUTLET	NORMALLY OPEN

NOTE: HANDLE IN-LINE WITH PIPING - VALVE OPEN



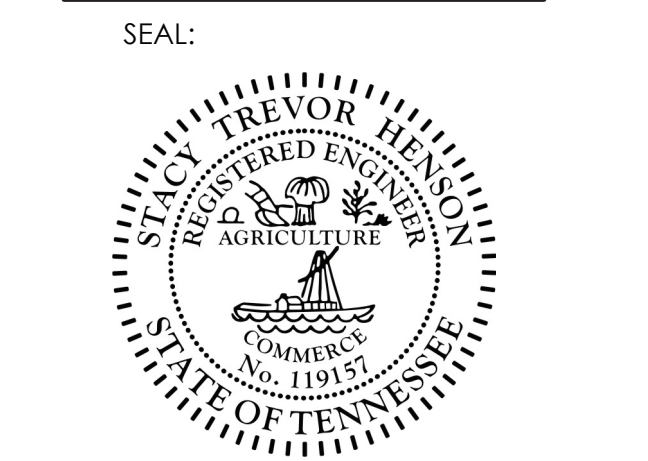
6 FIRE RISER DETAIL
NO SCALE



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CHICK-FIL-A
DYERSBURG FSU
2440 Lake Rd
Dyersburg, TN 38024

FSR#02780

BUILDING TYPE / SIZE: S08N-104 V4
RELEASE: 2023.04
PRINTED FOR CONSTRUCTION

REVISION SCHEDULE

NO.	DATE	DESCRIPTION
1	10/20/23	ISSUED FOR PERMIT
2	11/20/23	480H-016L COORDINATION

CONSULTANT PROJECT # 2022.0777
DATE: July 2023
DRAWN BY: SE
CHECKED BY: DAK
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WATER PIPING PLAN AND DETAILS



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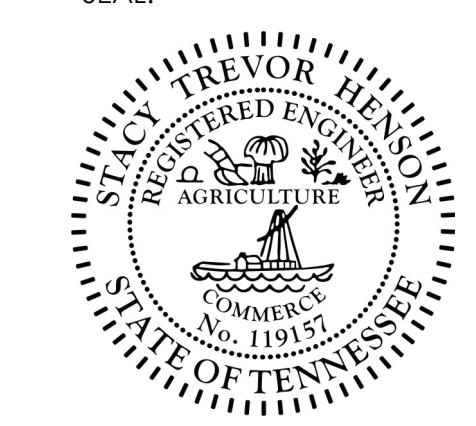
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SEAL:



CHICK-FIL-A
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2440 Lake Rd
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FSR#02780

BUILDING TYPE / SIZE: SOB8-104 V4

RELEASE: 2023.04

PRINTED FOR: CONSTRUCTION

REVISION SCHEDULE

NO. DATE DESCRIPTION

1 10/2023 REVISED

2 10/2023 ARCH/ENR COORDINATION

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Chick-fil-A

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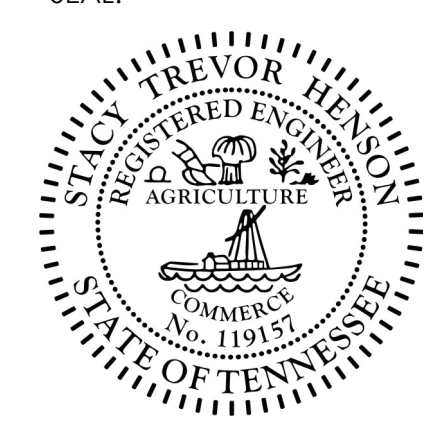
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SEAL:



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2440 Lake Rd
Dyersburg, TN 38024

FSR#02780

BUILDING TYPE / SIZE: S08N-104 V4

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REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 2022.0777

DATE: July 2023

DRAWN BY: SE

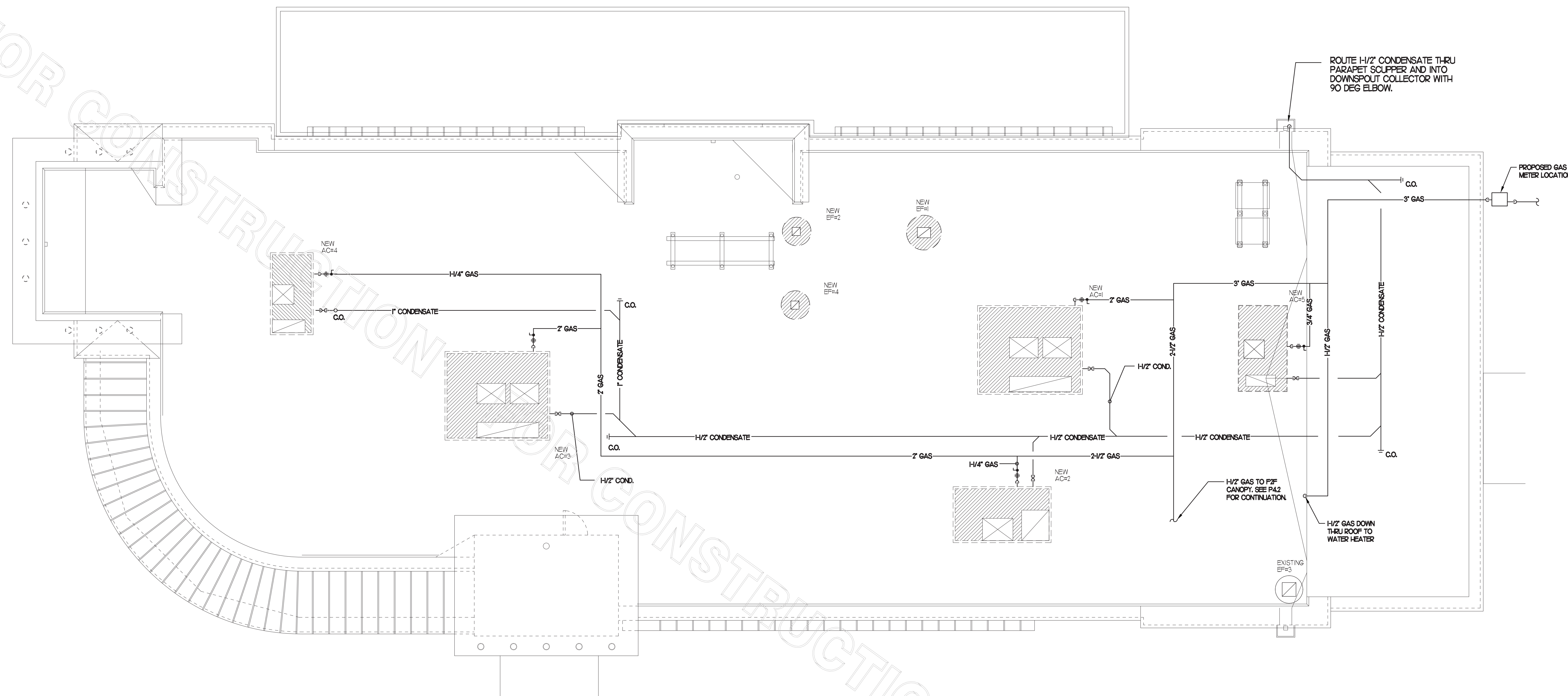
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SHEET: ROOF PIPING PLAN

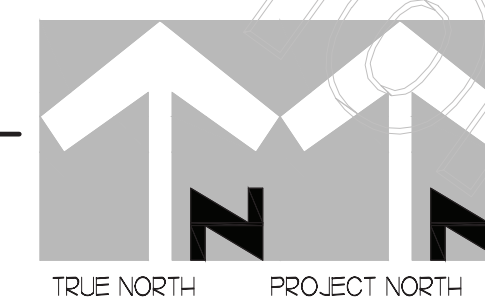
SHEET NUMBER

P4.1



1 ROOF PIPING PLAN

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



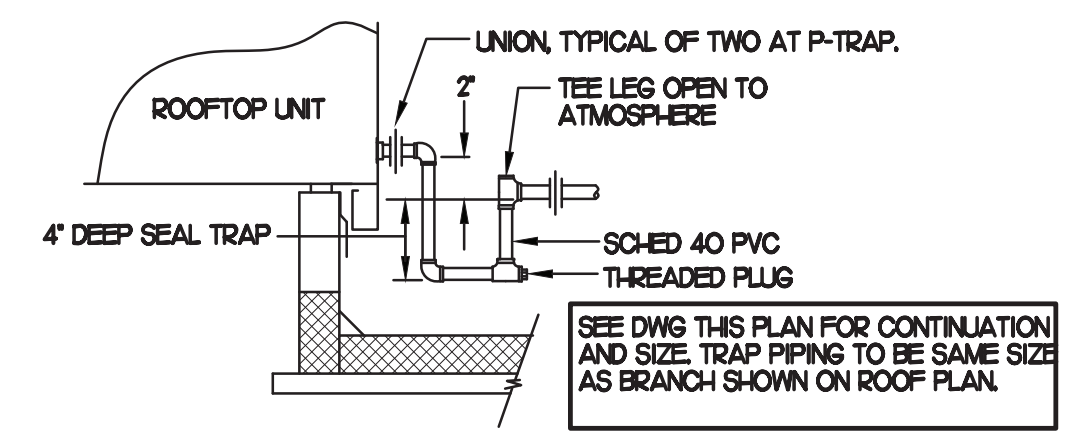
PIPING LEGEND

⊞	EXISTING
—	NEW PIPING
---	EXISTING PIPING
---	BELOW GRADE (B/G) PIPING

PIPING ON ROOF SHALL NOT BE INSTALLED NEARER THAN 1'-0" FROM INSIDE EDGE OF PARAPET, UNO.
OFFSET PIPING A MINIMUM OF 6" ABOVE TOP EDGE OF FLASHING.

SEE DETAIL 6/A-1/B FOR ROOFTOP PIPE PENETRATIONS.

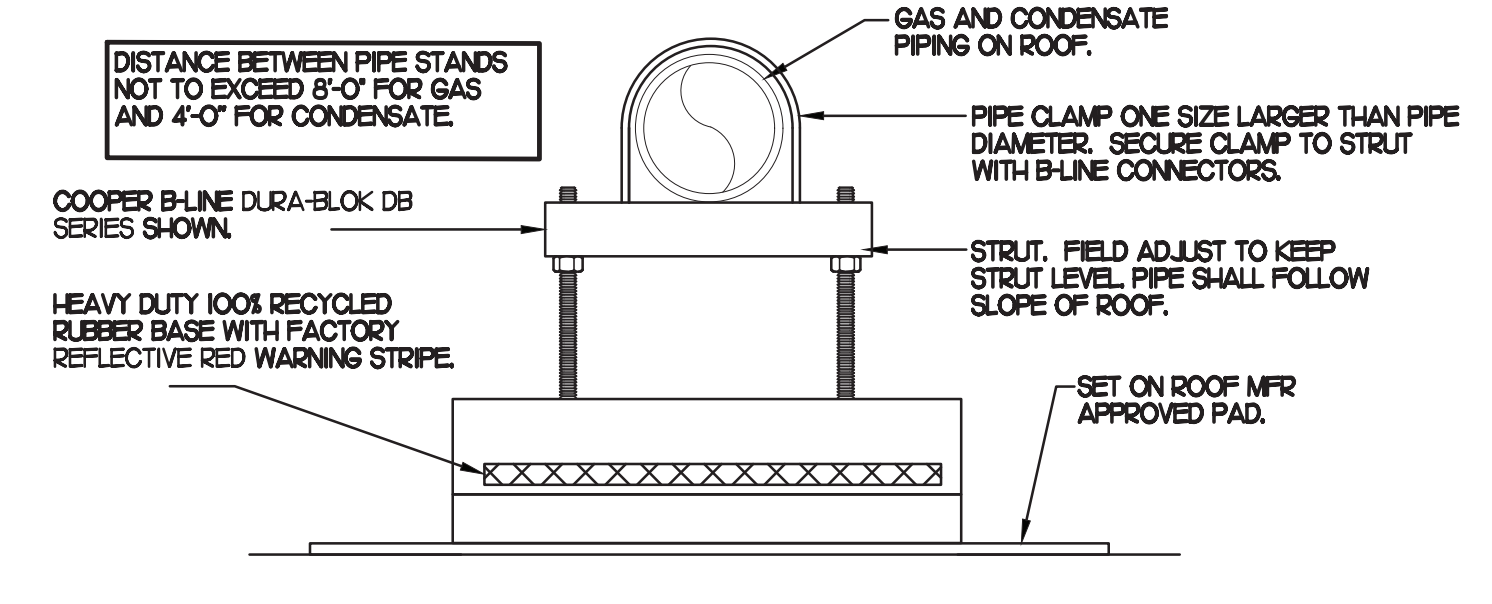
CONDENSATE PIPING SHALL BE SCHEDULE 40 PVC.



2 CONDENSATE DRAIN PIPING

NO SCALE

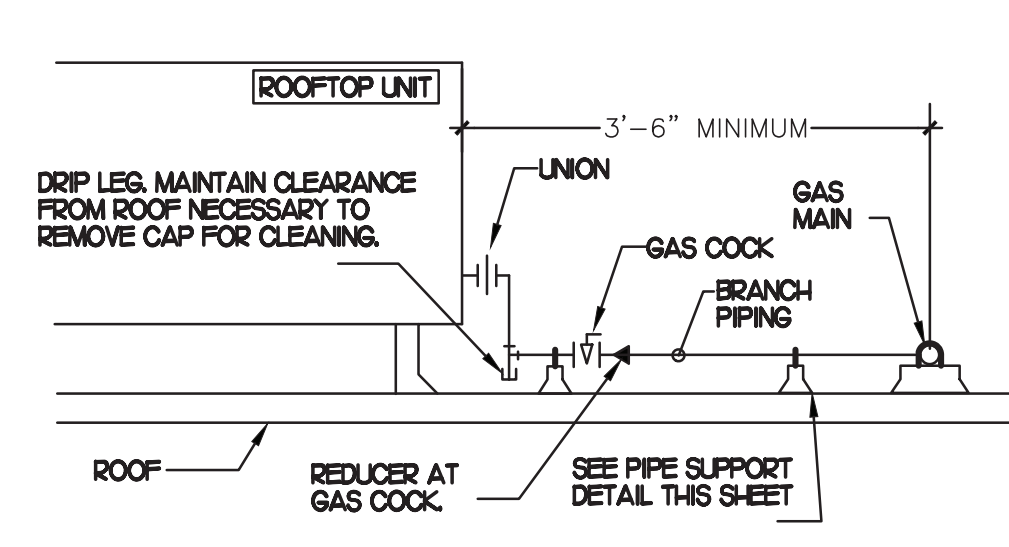
- NOTES:**
- NON ADJUSTABLE MODEL DB10 PIPE STAND TO BE USED FOR NON-ELEVATED PIPING INSTALLED FLAT ON ROOF DECK.
 - PROVIDE MODEL DBE 10-8 OR DBE 10-12 OR DBE 10-16 AS NEEDED FOR ELEVATING CONDENSATE PIPING TO MAINTAIN PROPER SLOPE AND FOR GAS PIPING CROSSING OVER CONDENSATE PIPING.
 - ENSURE GAS AND CONDENSATE PIPING DO NOT OBSTRUCT ROOFTOP EQUIPMENT ACCESS OPENINGS. REPAIRING OF SYSTEMS DUE TO CONFLICTS WITH EQUIPMENT ACCESS OPENINGS SHALL BE DONE AT PLUMBING CONTRACTOR'S EXPENSE.



3 PIPING SUPPORT

NO SCALE

- NOTES:**
- INSTALL GAS PIPING SUCH THAT HVAC EQUIPMENT ACCESS PANELS AND/OR DOORS ARE IN NO WAY OBSTRUCTED BY PIPING, VALVES, OR SUPPORTS.
 - TO AVOID CONFLICT WITH AC UNIT ACCESS DOORS, INSTALL GAS PIPING NO CLOSER THAN 3'-6" FROM AC UNIT, EXCEPT FOR BRANCH LINE CONNECTED TO AC UNIT.
 - ROUTE BRANCH TAKE-OFF DIRECTLY FROM MAIN TO ROOFTOP UNIT AS SHOWN ON PLAN AND DETAILS WITHOUT LATERAL OFFSETS WHICH MAY OBSTRUCT UNIT ACCESS DOORS.



4 GAS PIPING AT RTU

NO SCALE

5 GAS CONNECTION SCHEDULE

EQUIPMENT	GAS LOAD
NEW ACH1	480,000 BTUS
NEW ACH2	240,000 BTUS
NEW ACH3	480,000 BTUS
NEW ACH4	150,000 BTUS
NEW ACH5	65,000 BTUS
NEW GAS HEATERS	6299,000 BTUS
NEW WATER HEATERS	6299,000 BTUS
TOTAL CONNECTED LOAD	2113,000 BTUS

REMARKS: EQUIVALENT TO 2113 CFH @ PRESSURE DROP 0.5 IN W.C. W/ DEVELOP LENGTH OF 196 FT TO 6H @ 7" W.C. DELIVERY PRESSURE



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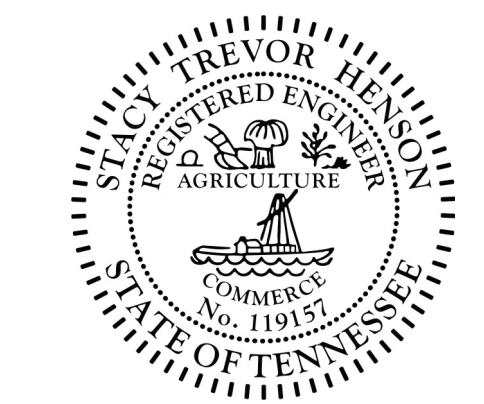
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SEAL:



CHICK-FIL-A
DYERSBURG FSU
2440 Lake Rd
Dyersburg, TN 38024

FSR#02780

BUILDING TYPE / SIZE: S08N-104 V4
RELEASE: 2023.04

CONSTRUCTION

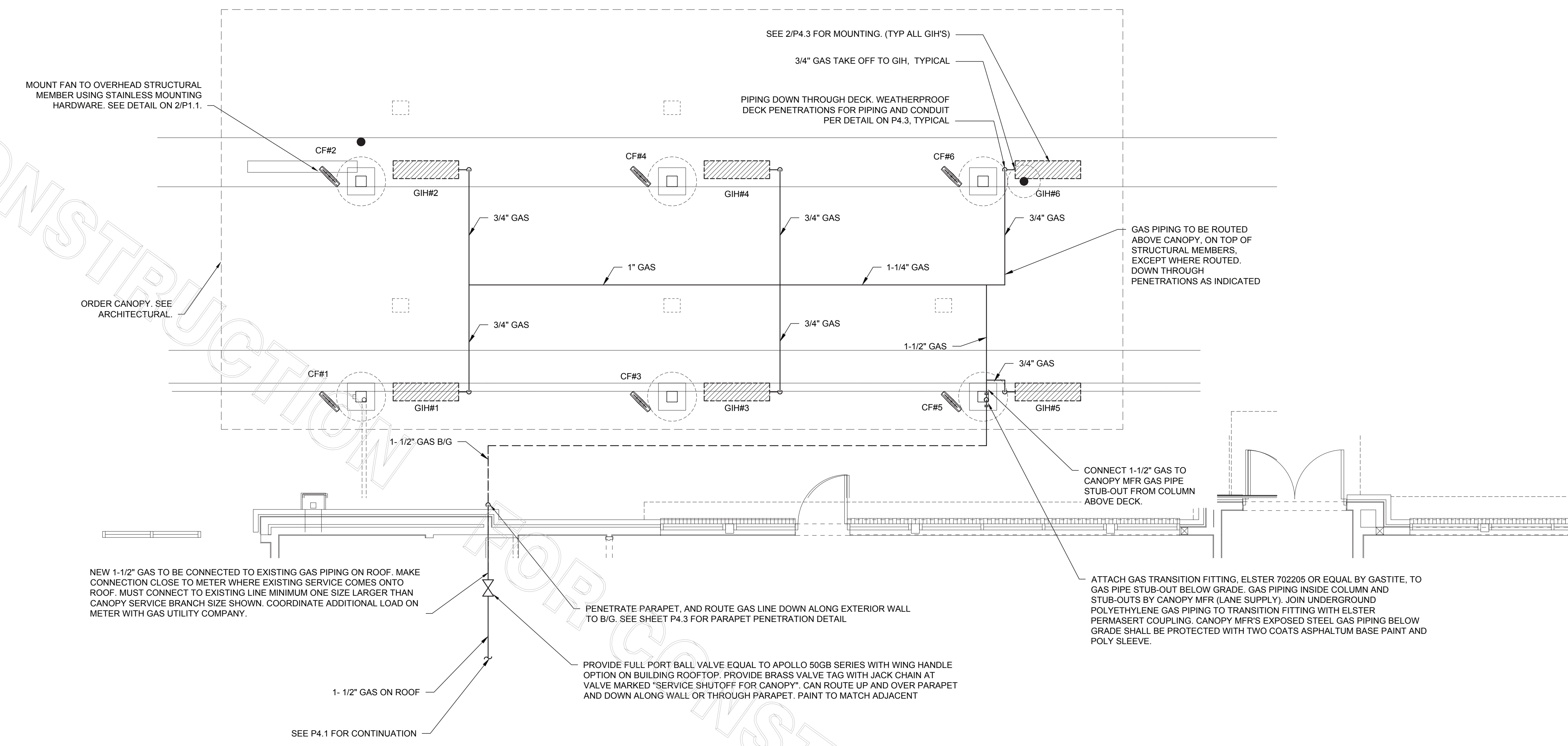
REVISION SCHEDULE table with columns: NO., DATE, DESCRIPTION

CONSULTANT PROJECT # 2022.0777
DATE July 2023
DRAWN BY SE
CHECKED BY DAK

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SHEET F2F CANOPY GAS PIPING PLAN

SHEET NUMBER
P4.2



1 TIER 3 DOUBLE LANE ORDER CANOPY
SCALE: 1/4"=1'-0"

GENERAL NOTES

- 1. COORDINATE NEW WORK WITH EXISTING CONDUIT, STRUCTURE, AND PIPING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
2. COORDINATE LOCATION AND RESPONSIBILITIES FOR UNDERGROUND PIPING AND ASSOCIATED TRENCHING WITH GENERAL CONTRACTOR PRIOR TO START OF WORK.
3. EXPOSED GAS PIPING SHALL BE PAINTED BY GENERAL CONTRACTOR. USE ANTI-CORROSION PAINT AND COORDINATE WITH CFA CONSTRUCTION MANAGER.

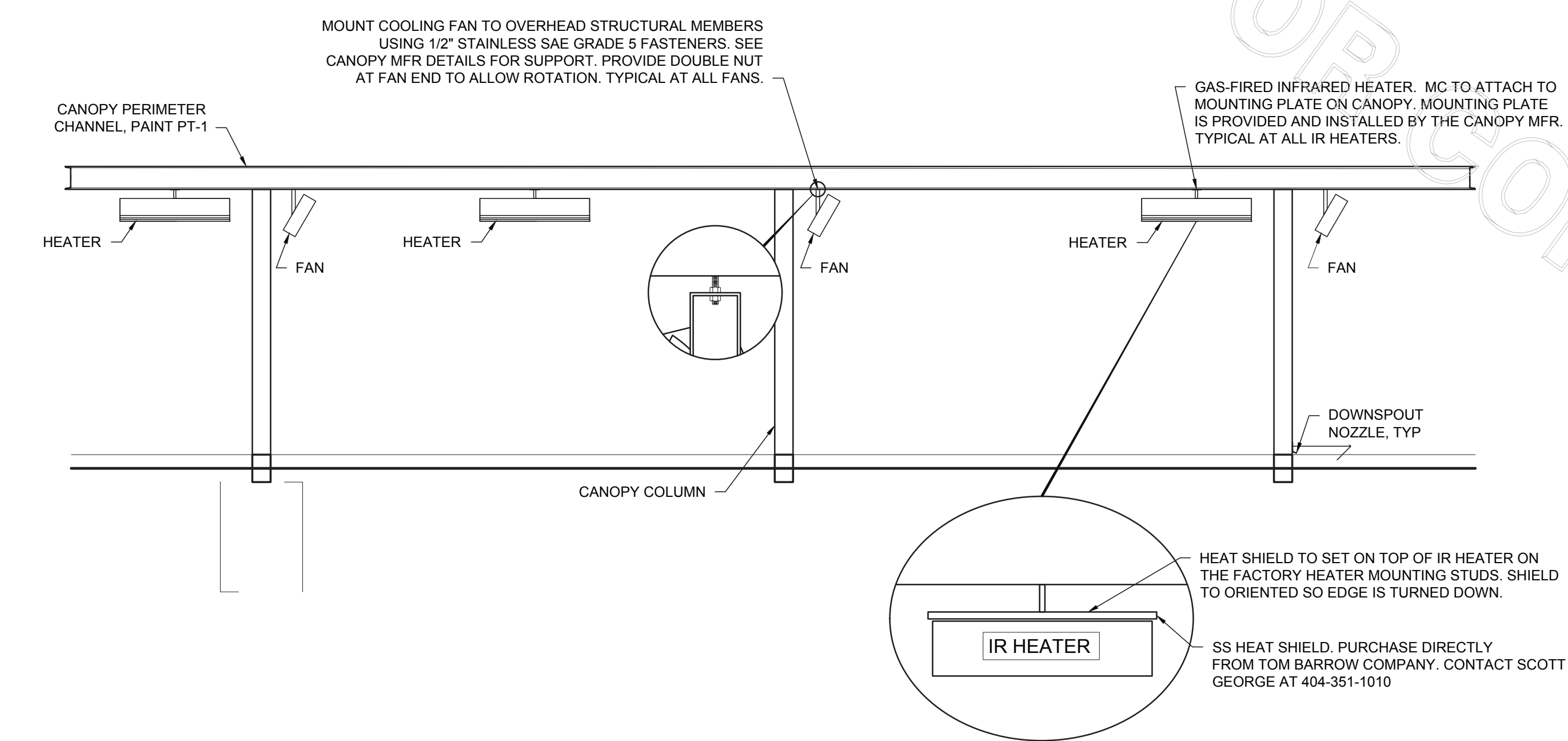
LEGEND table with columns: Symbol, Description. Includes CF#1 (CIRCULATING FAN #1 (TYP)), GIH#1 (GAS INFRARED HEATER #1 (TYP)), NEW GAS PIPING ABOVE GRADE, NEW GAS PIPING BELOW GRADE, BIG (BELOW GRADE), EC (ELECTRICAL CONTRACTOR), MC (MECHANICAL CONTRACTOR).

FIELD VERIFY ALL CONDITIONS

NOTE! AS NOTED IN THE SPECIFICATIONS, ALL WIRING LAYOUTS, PIPING LAYOUTS AND DUCT LAYOUTS ARE SCHEMATIC. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONSTRUCTION AND STRUCTURE OF THE BUILDING AND SHALL BE VERIFIED AND COORDINATED IN THE FIELD. EACH TRADE CONTRACTOR SHALL VERIFY WITH THE GENERAL CONTRACTOR THAT HE HAS THOROUGHLY REVIEWED AND COORDINATED ALL LOCATIONS AND ROUTINGS WITH ALL OTHER TRADES PRIOR TO FABRICATION OF CONDUITS, DUCTS, OR PIPING, AND START OF INSTALLATION OF SAME INCLUDING SPRINKLER PIPING WHEN PRESENT ON JOB. ANY INSTALLATION OR CONSTRUCTION CONFLICTS WHICH OCCUR IN THE FIELD SHALL BE RESOLVED BY THE TRADE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND ARCHITECT AND AT NO EXPENSE TO THE OWNER, ARCHITECT AND/OR GENERAL CONTRACTOR.

NATIONAL ACCOUNTS

- 1. SCHWANK INFRARED HEATER PACKAGE - THE MECHANICAL CONTRACTOR IS REQUIRED TO PURCHASE THE HEATER PACKAGE DIRECTLY FROM TOM BARRROW COMPANY. CONTACT MR. SCOTT GEORGE AT 404-351-1010 FOR PRICING AND AVAILABILITY. HEATERS NOT PURCHASED THRU TOM BARRROW COMPANY WILL NOT BE ACCEPTED.
2. COOK FAN PACKAGE - THE MECHANICAL CONTRACTOR IS REQUIRED TO PURCHASE THE FAN PACKAGE DIRECTLY FROM TOM BARRROW COMPANY. CONTACT MR. SCOTT GEORGE AT 404-351-1010 FOR PRICING AND AVAILABILITY. FANS NOT PURCHASED THRU TOM BARRROW COMPANY WILL NOT BE ACCEPTED.



2 HEATER FAN SECTION
NO SCALE

GAS CONNECTION SCHEDULE	
EQUIPMENT	GAS LOAD
NEW AC#1	480,000 BTUS
NEW AC#2	240,000 BTUS
NEW AC#3	480,000 BTUS
NEW AC#4	150,000 BTUS
NEW AC#5	65,000 BTUS
NEW WATER HEATERS	(2)199,000 BTUS
NEW GAS HEATERS (6)	(6) 50,000 BTUS
TOTAL CONNECTED LOAD	2,113,000 BTUS

REMARKS:

- EQUIVALENT TO 2,113.0 CFH @ pressure drop 0.5 IN. W.C. W/ DEVELOP LENGTH OF 196 FT (METER TO GHP#)
- 7" w.c. DELIVERY PRESSURE.
- VERIFY GAS LOAD OF EXISTING EQUIPMENT.

GAS FIRED INFRARED HEATER SCHEDULE							
MARK	INPUT (MBH)	FRAME SIZE			MOUNTING TYPE	MODEL	MANUFACTURER
		LENGTH	WIDTH	DEPTH			
GIH	50.0	48"	13"	10"	BRACKET	WB-N7-CM	SPACE-RAY

REMARKS:

- STEEL BURNER WITH CERAMIC BURNER TILES.
- STAINLESS STEEL LENS WITH BLOCK EMISSIVE COATING.
- PROVIDE ENGRAVED PLASTIC LABEL AT EACH UNIT WITH UNIT DESIGNATION IN 1" HIGH WHITE LETTERS ON A BLACK BACKGROUND. MOUNT TO CANOPY DECK, FACING DOWNWARD, 12" LATERALLY FROM THE SIDE OF THE HEATER.
- MOUNTING BRACKET PROVIDED AND INSTALLED BY CANOPY MFR.
- HEAT SHIELD PROVIDED WITH THE SPACE-RAY HEATER PACKAGE. MOUNT HEAT SHIELD ABOVE EACH HEATER AT THE BOTTOM OF THE BRACKET, ALIGNED WITH THE CENTER OF FLAT MOUNTED HEATERS, AND ALIGNED OFF-CENTER FOR ANGLE MOUNTED HEATERS.

CIRCULATING FAN SCHEDULE					
MARK	CFM	RPM	HP	MODEL	MANUFACTURER
CF	5,750	1,625	1/8	U18TE-HD	TPI

REMARKS:

- ALUMINUM PADDLE WITH STEEL HUB/SPIDER PROPELLER
- 360° ROTATING HEAD HORIZONTALLY AND VERTICALLY
- OSHA COMPLIANT DOUBLE LOCKING, COATED STEEL WIRE GUARD
- 3-SPEED, TOTALLY ENCLOSED, PERMANENTLY LUBRICATED BALL BEARING MOTOR
- FACTORY PRE-WIRED POWER CORD
- PROVIDE FACTORY WALL MOUNTING BRACKET. SEE DETAIL 3M2.1 FOR TYPICAL INSTALLATION INSTRUCTIONS
- PROVIDE ENGRAVED PLASTIC LABEL AT EACH UNIT WITH UNIT DESIGNATION IN 1" HIGH WHITE LETTERS ON A BLACK BACKGROUND. MOUNT TO UNDERSIDE OF CANOPY OR EXISTING OVERHANG, FACING DOWNWARD, 12" LATERALLY FROM THE FAN LOCATION
- REMOVE PULL CHAIN EXTENSION AT ON/OFF SWITCH IN FIELD
- FACTORY CERTIFIED FOR OUTDOOR INSTALLATION.

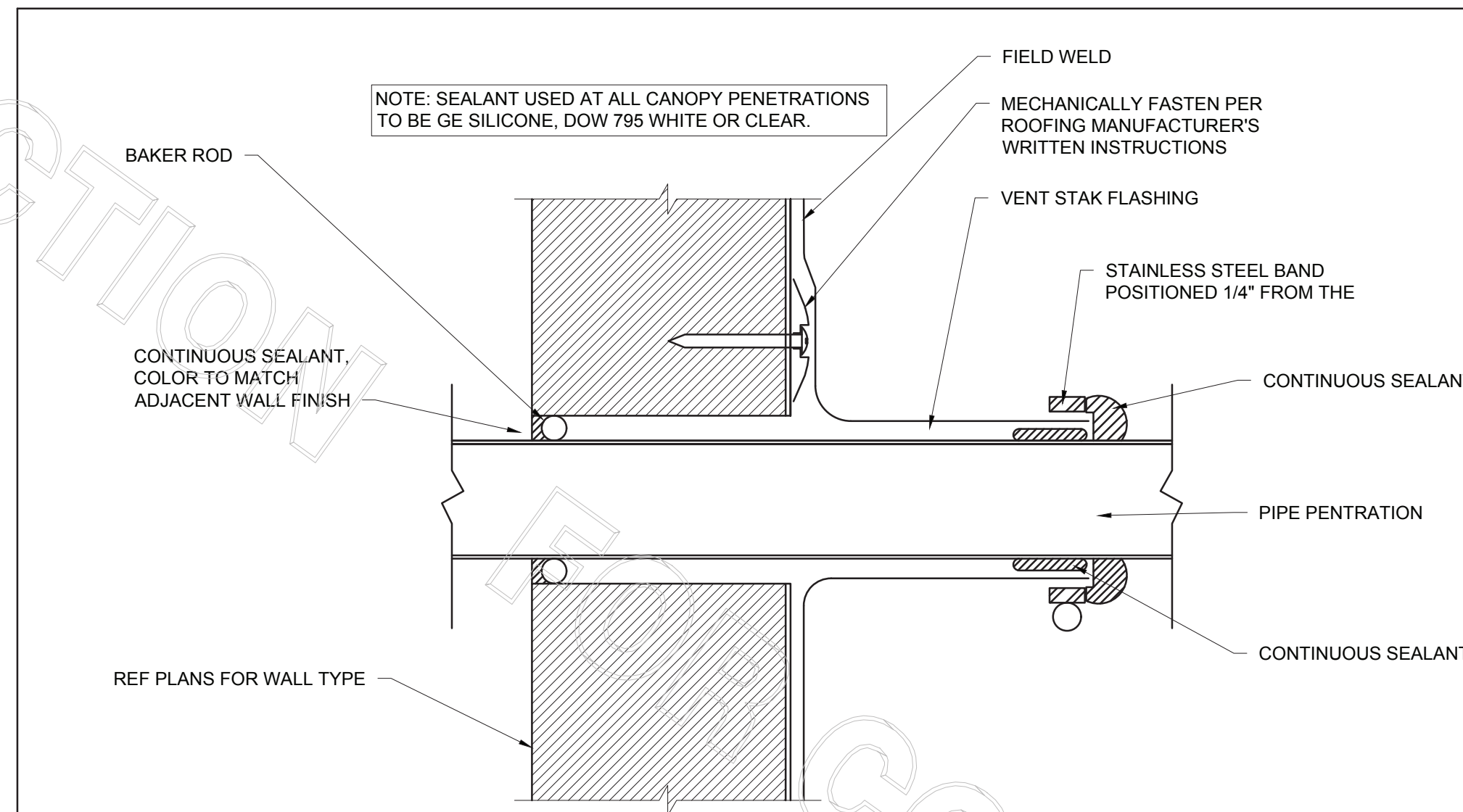
NOTE:
CONTRACTOR TO VERIFY EXISTING GAS SYSTEM CAN HANDLE NEW GAS LOAD. RESIZE AND INSTALL NEW GAS PIPING AS REQUIRED IF EXISTING GAS PIPING IS UNDERSIZED FOR NEW GAS LOAD AND PIPE LENGTH. FIELD VERIFY EXACT CONDITIONS PRIOR TO BID.

NATIONAL ACCOUNTS	
1	SCHWANK INFRARED HEATER PACKAGE - THE MECHANICAL CONTRACTOR IS REQUIRED TO PURCHASE THE HEATER PACKAGE DIRECTLY FROM TOM BARROW COMPANY. CONTACT MR. SCOTT GEORGE AT 404-351-1010 FOR PRICING AND AVAILABILITY. HEATERS NOT PURCHASED THRU TOM BARROW COMPANY WILL NOT BE ACCEPTED.
2	TPI FAN PACKAGE - THE MECHANICAL CONTRACTOR IS REQUIRED TO PURCHASE THE FAN PACKAGE DIRECTLY FROM TOM BARROW COMPANY. CONTACT MR. SCOTT GEORGE AT 404-351-1010 FOR PRICING AND AVAILABILITY. FANS NOT PURCHASED THRU TOM BARROW COMPANY WILL NOT BE ACCEPTED.

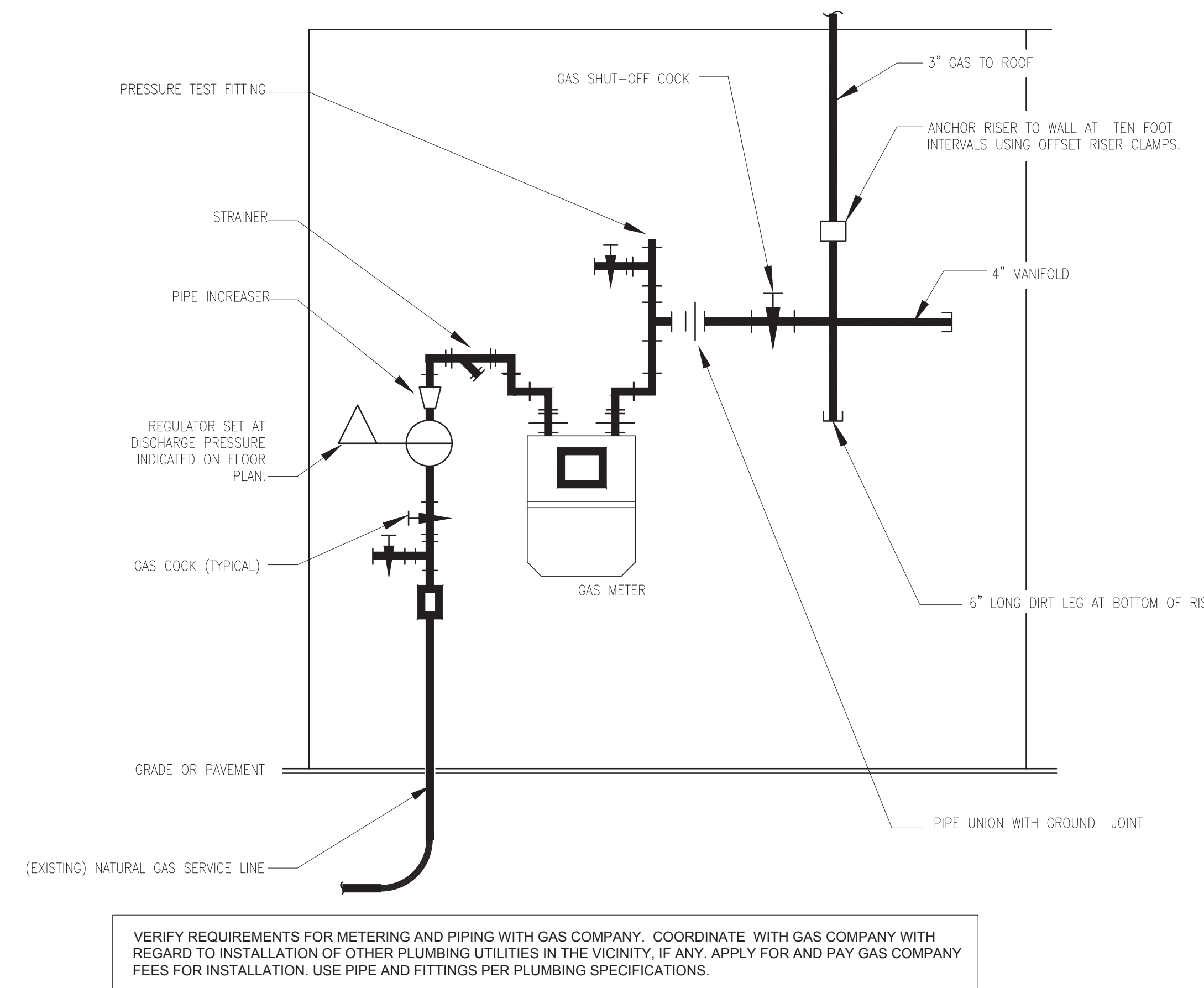
IMPORTANT NOTE - PLEASE READ
NUMBERS OF GAS INFRARED HEATERS AND CIRCULATING FANS WILL BE DETERMINED BY SITE-SPECIFIC CANOPY LAYOUT AND EQUIPMENT LOCATIONS, AS INDICATED ON ARCHITECTURAL PLANS.

GENERAL NOTES

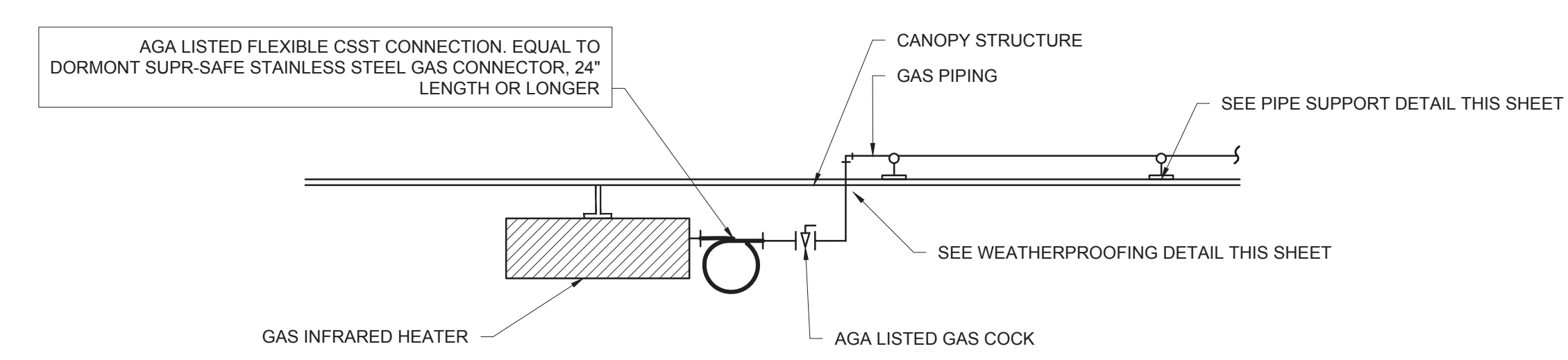
- COORDINATE NEW WORK WITH EXISTING CONDUIT, STRUCTURE AND PIPING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
- COORDINATE LOCATION AND RESPONSIBILITIES FOR UNDERGROUND PIPING AND ASSOCIATED TRENCHING WITH GENERAL CONTRACTOR PRIOR TO START OF WORK.
- EXPOSED GAS PIPING SHALL BE PAINTED BY GENERAL CONTRACTOR.



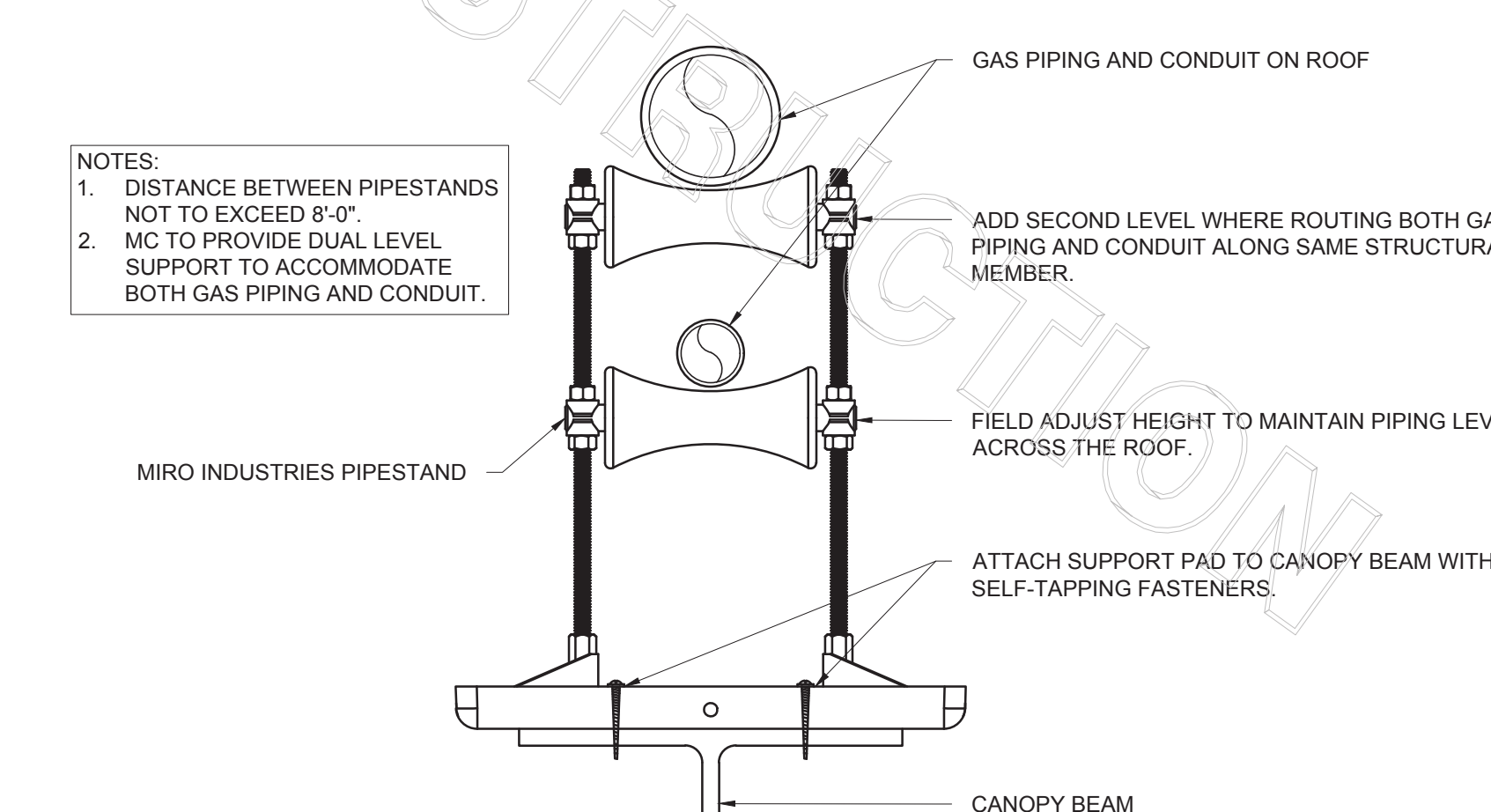
PARAPET PENETRATION DETAIL
NO SCALE



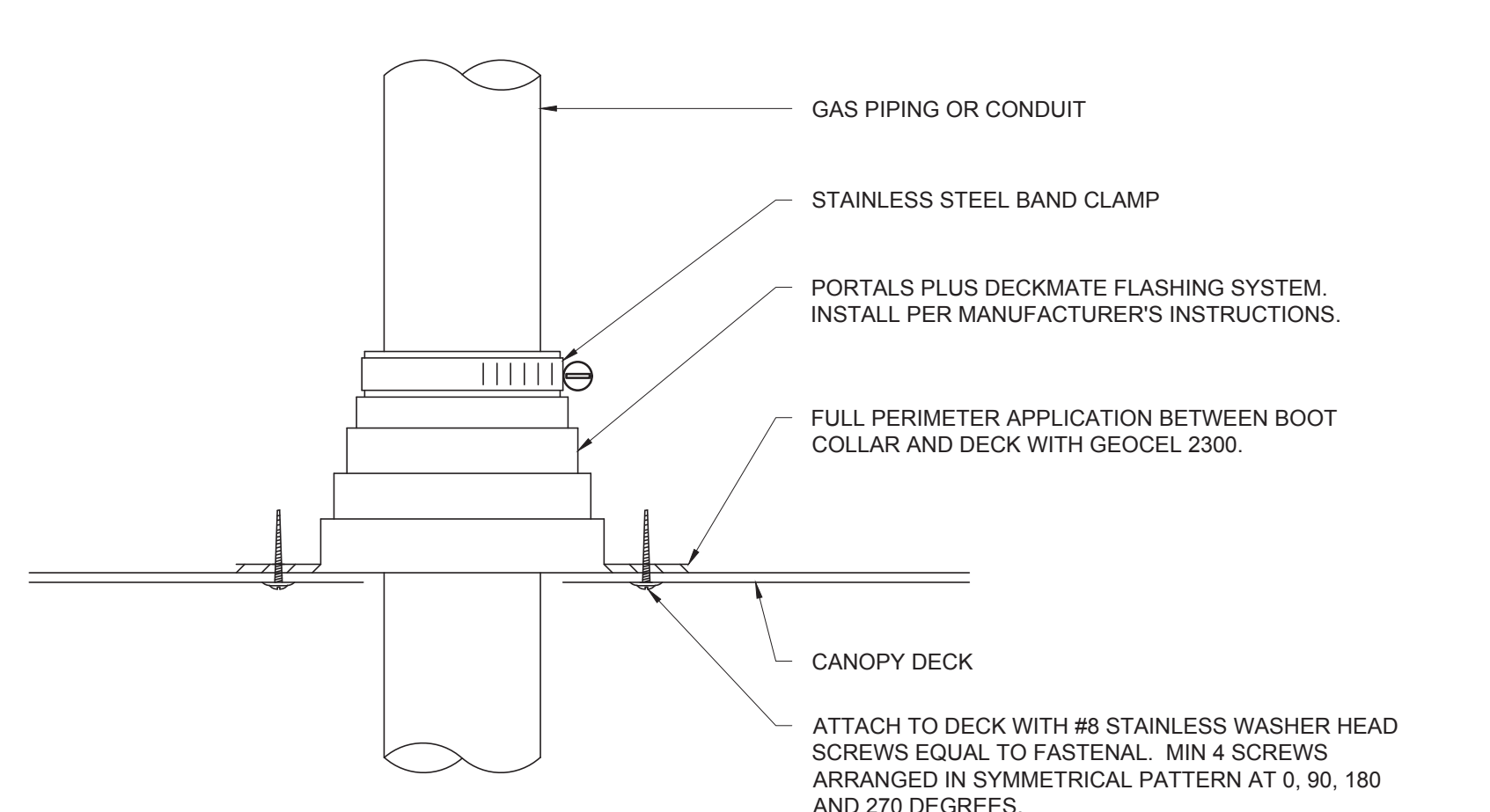
GAS METER CONNECTION
NO SCALE



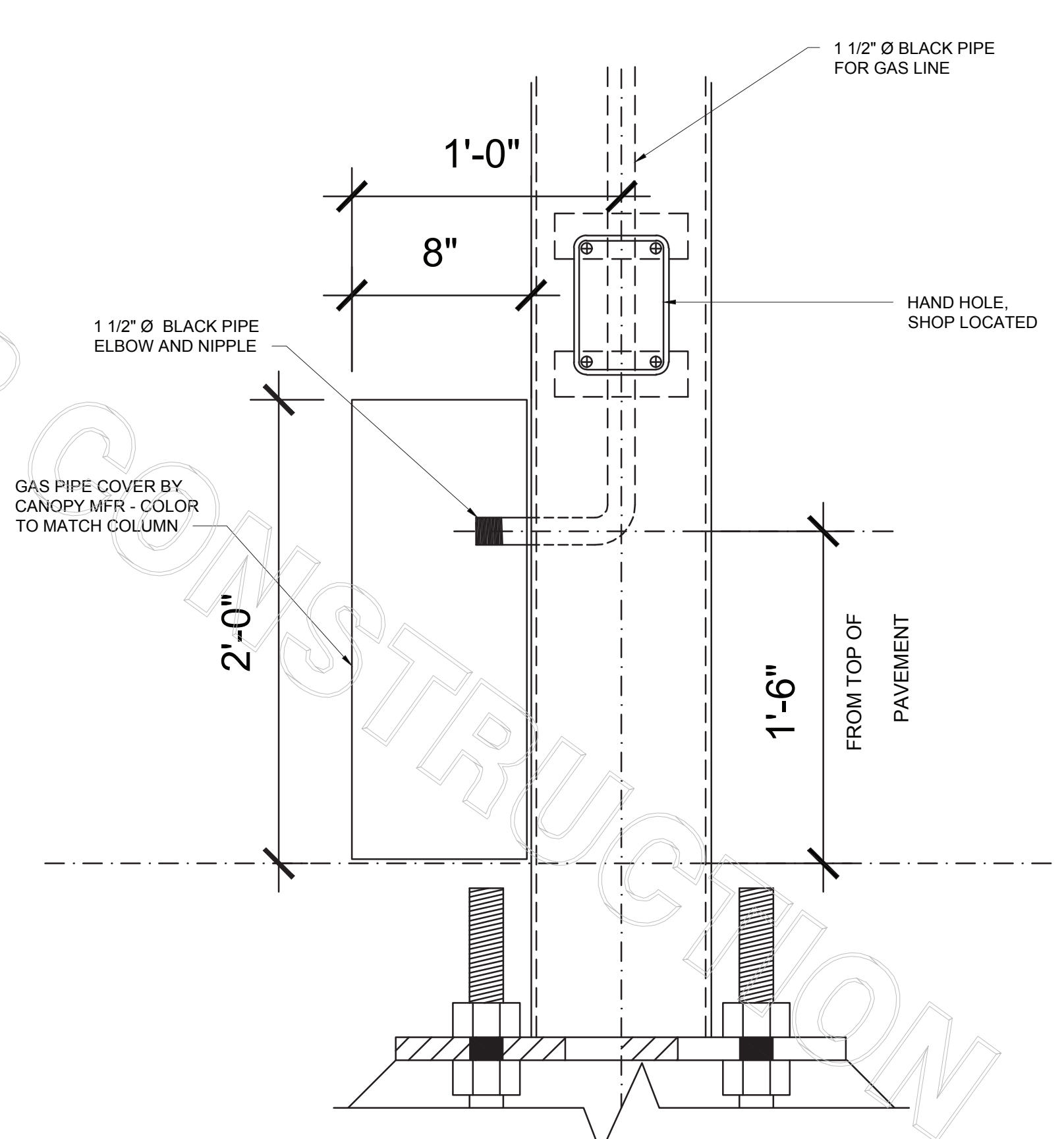
GAS CONNECTION AT APPLIANCE
NO SCALE



PIPING SUPPORT ON CANOPY
NO SCALE



WEATHER PROOFING AT CANOPY PENETRATION
NO SCALE



COLUMN GAS PIPE COVER
NO SCALE

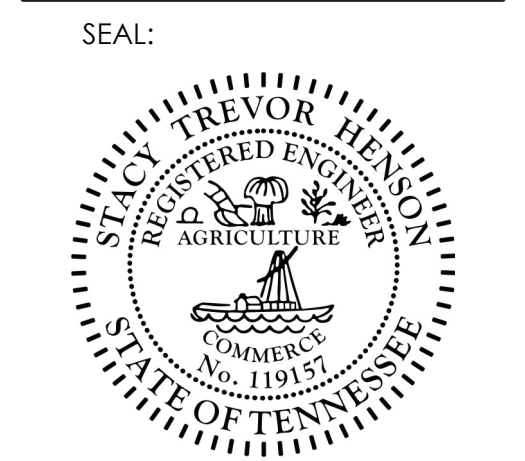


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CHICK-FIL-A
DYERSBURG FSU
2440 Lake Rd
Dyersburg, TN 38024

FSR#02780
BUILDING TYPE / SIZE: S08N-104 V4
RELEASE: 2023.04

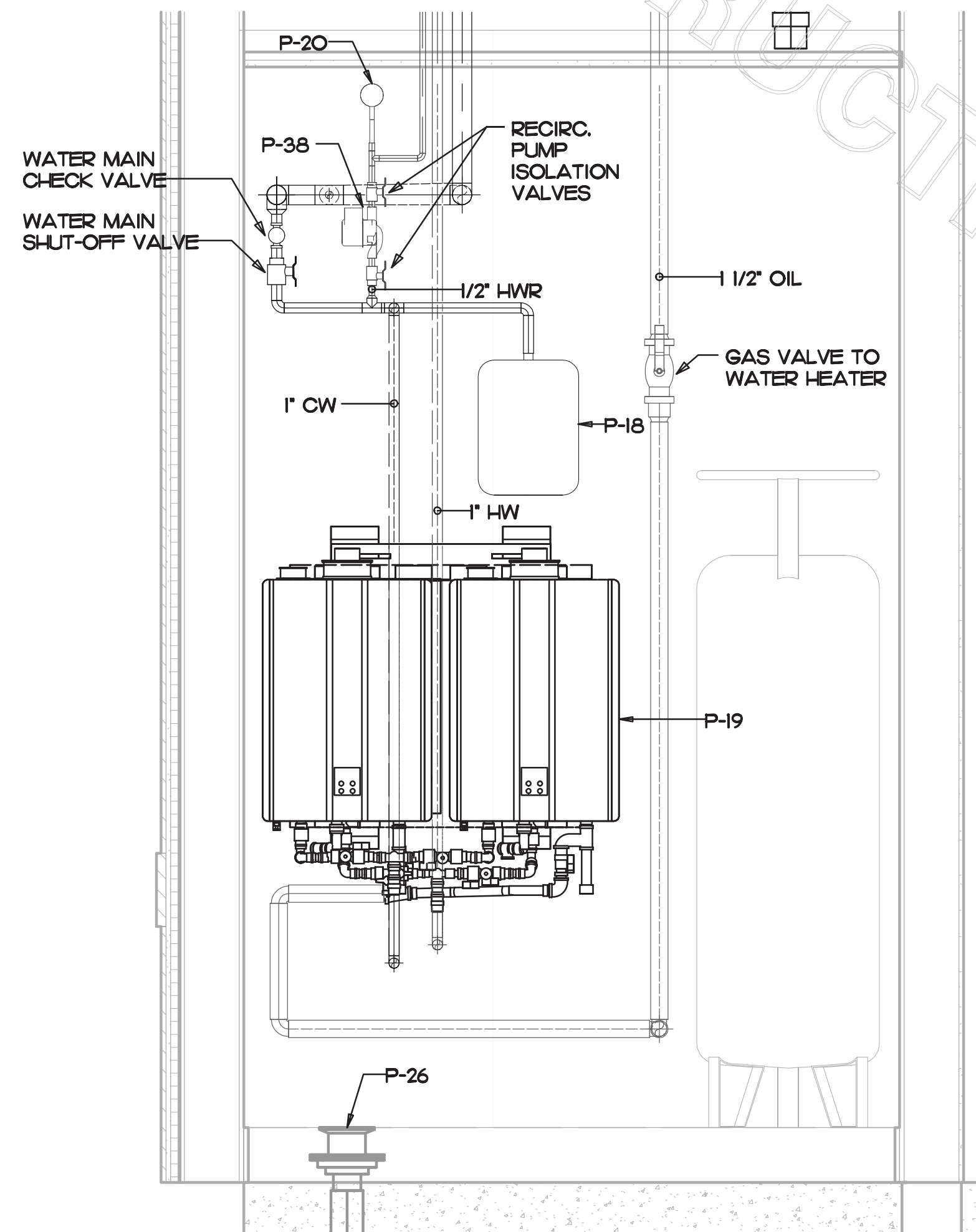
CONSTRUCTION

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	7/20/2023	ISSUED FOR PERMITS

CONSULTANT PROJECT # 2022.0777
DATE July 2023
DRAWN BY SE
CHECKED BY DAK
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SHEET
GAS PLUMBING DETAILS
SHEET NUMBER
P4.3

FOR CONSTRUCTION



1 TANKLESS WATER HEATER DETAIL

NO SCALE

WATER HEATER VALVE TAG LEGEND

VALVE	NORMALLY OPEN OR NORMALLY CLOSED
① GAS TO WATER HEATER	NORMALLY OPEN
② WATER HEATER INLET	NORMALLY OPEN
③ WATER HEATER OUTLET	NORMALLY OPEN
④ TEMPERING VALVE COLD - IN	NORMALLY OPEN
⑤ TEMPERING VALVE HOT - IN	NORMALLY OPEN
⑥ TEMPERING VALVE WARM - OUT	NORMALLY OPEN
⑦ KITCHEN COLD WATER	NORMALLY OPEN

VALVE TAG

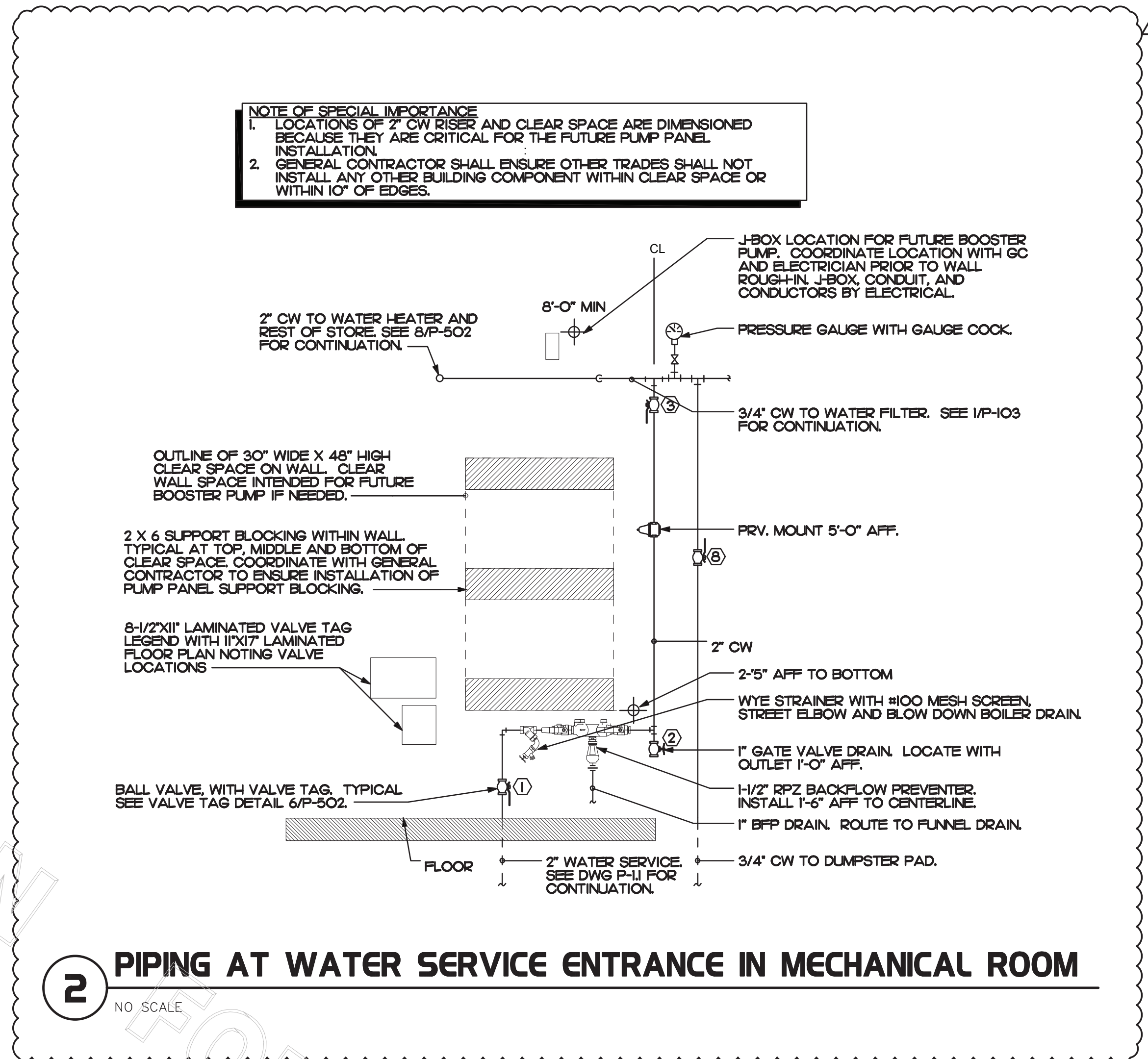
2
PLBG

LAMINATE VALVE TAG LEGEND AND MOUNT PERMANENTLY WHERE SHOWN ON WATER HEATER DETAIL IN AN ALUMINUM FRAME EQUAL TO SETON #68624.

① VALVE TAG SYMBOL AS SHOWN ON DETAIL 2/P21. PROVIDE 1/2" ROUND BRASS VALVE TAG WITH 1/2" HIGH BLACK FILLED LETTERING. EACH TAG SHALL INDICATE VALVE NUMBER AND WILL ALSO HAVE "PLBG" STAMPED ON THE TAG IN 1/4" HIGH BLACK FILLED LETTERING EQUAL TO SETON #M4506. HANG WITH BRASS JACK CHAIN ON VALVE HANDLE.

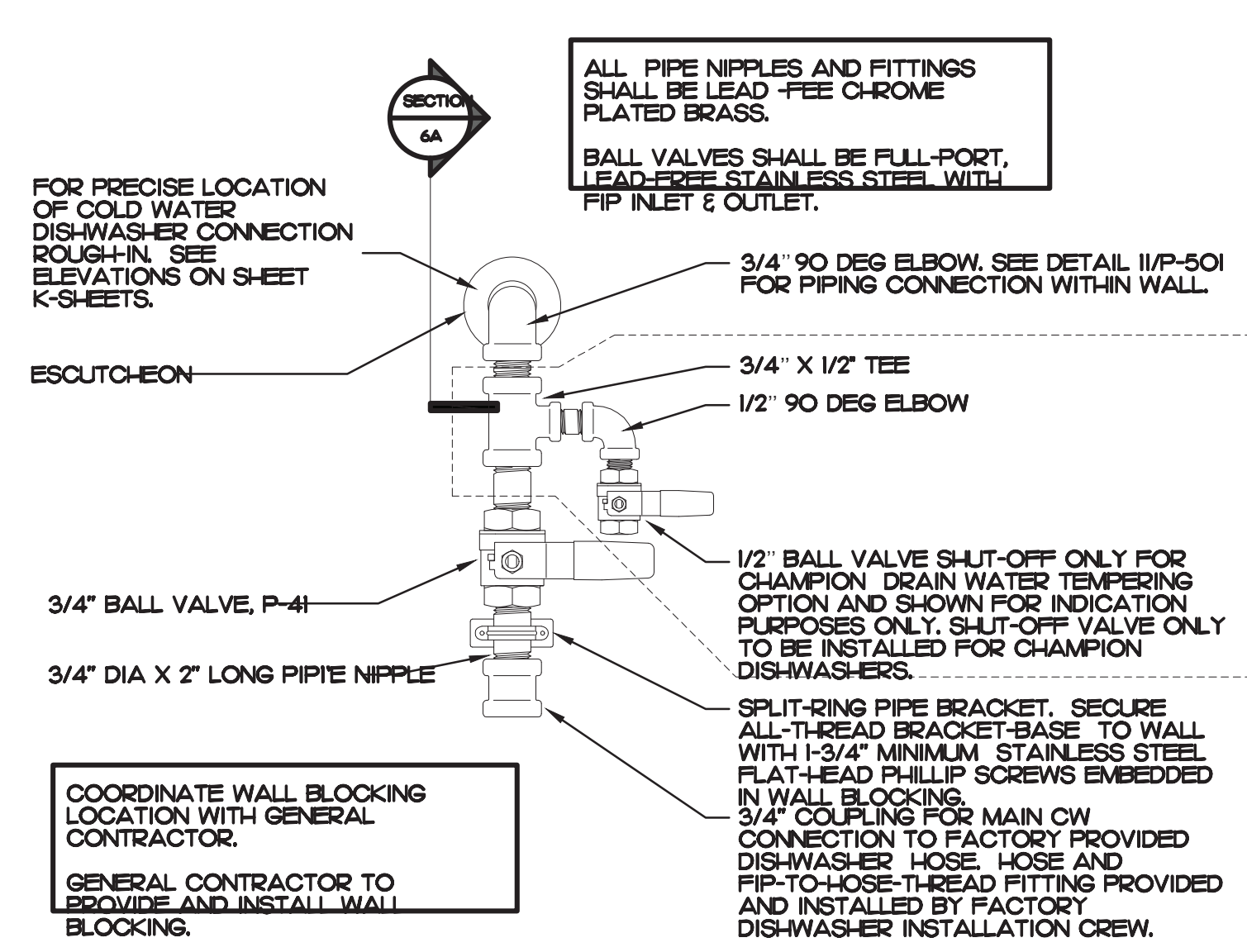
2 VALVE TAGS AND LEGEND

NO SCALE



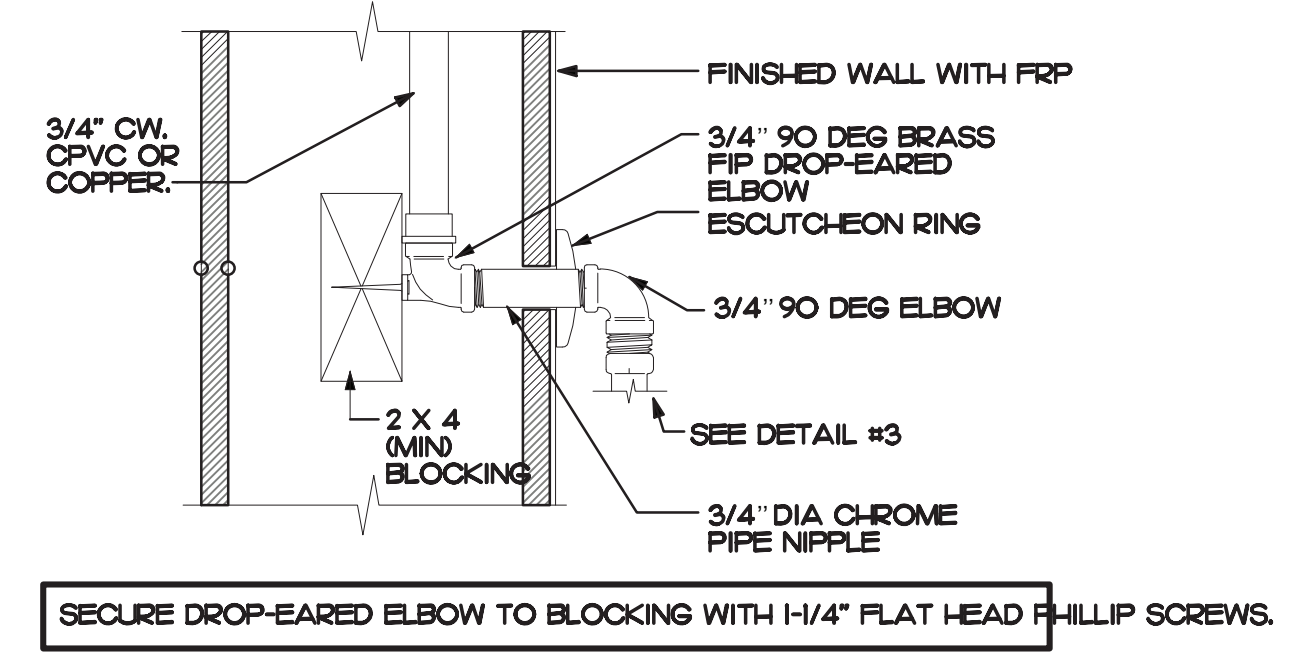
2 PIPING AT WATER SERVICE ENTRANCE IN MECHANICAL ROOM

NO SCALE



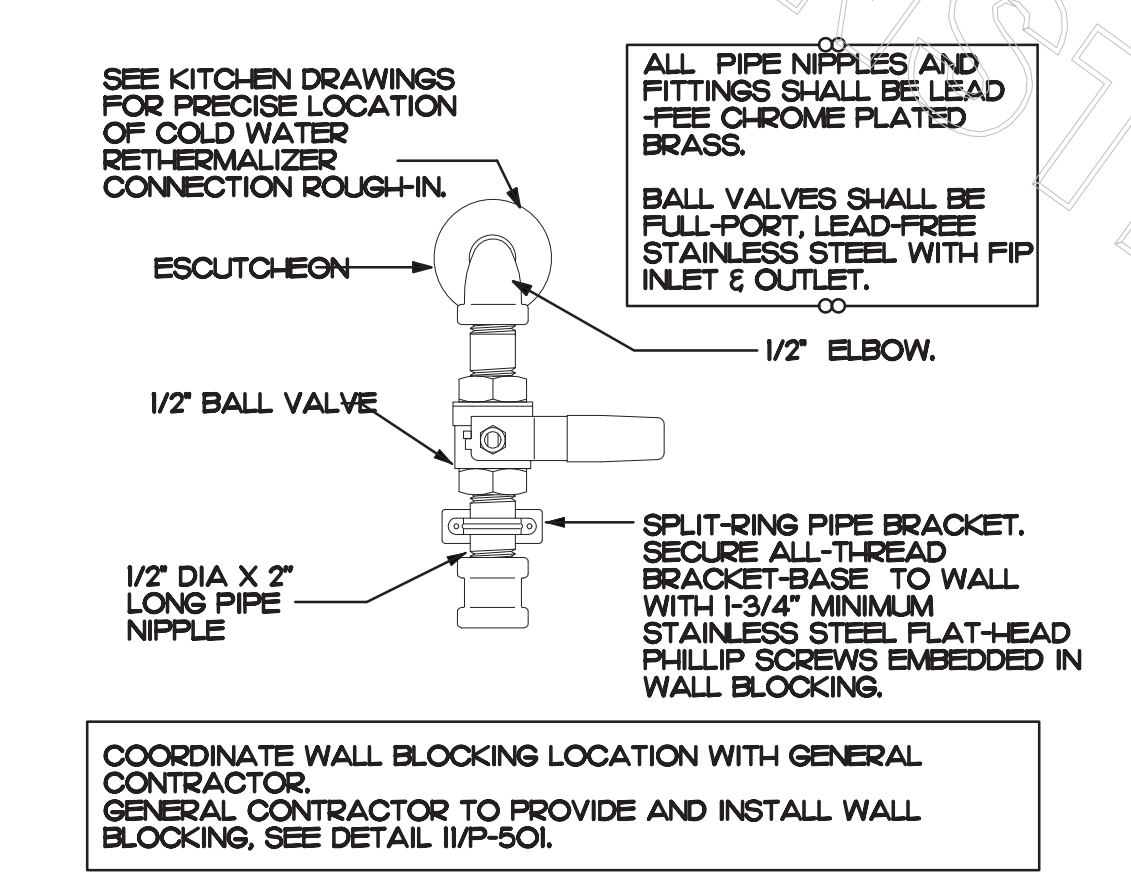
4 DISHWASHER SUPPLY VALVE ASSEMBLY

NO SCALE



4A SECTION AT PIPNG WITHIN WALL

NO SCALE



5 RETHERMALIZER SUPPLY VALVE

NO SCALE



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SEAL:



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DYERSBURG FSU
2440 Lake Rd
Dyersburg, TN 38024

FSR#02780

BUILDING TYPE / SIZE: SOBN-104 V4
RELEASE: 2023.04

PRINTED FOR: CONSTRUCTION

REVISION SCHEDULE

NO.	DATE	DESCRIPTION
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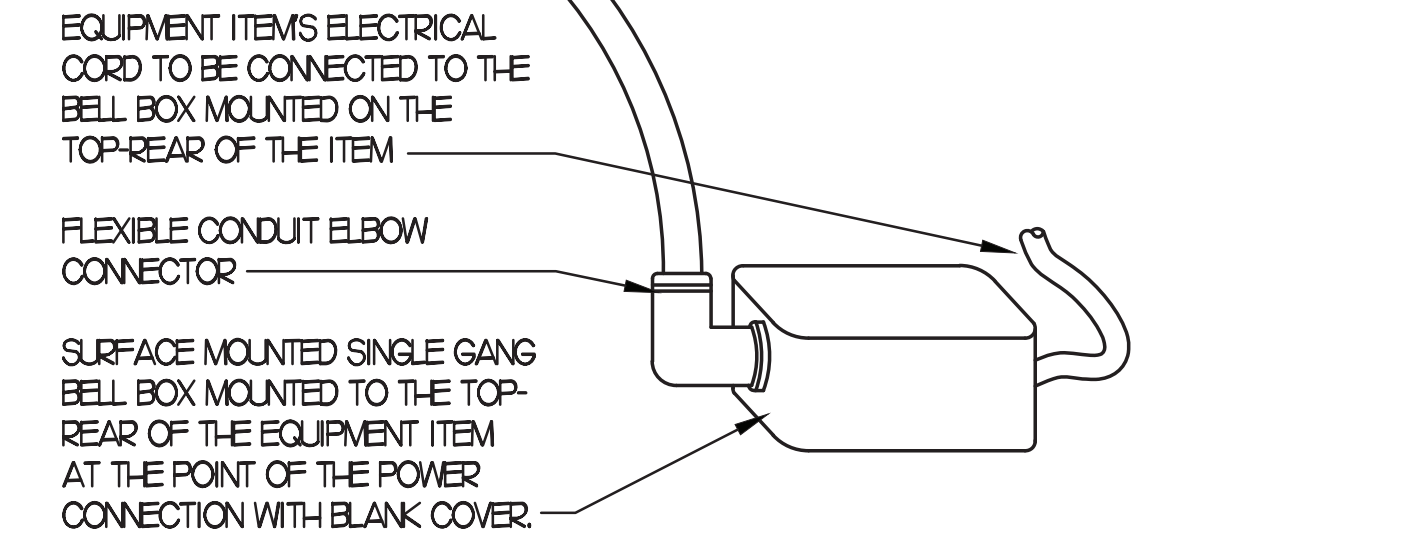
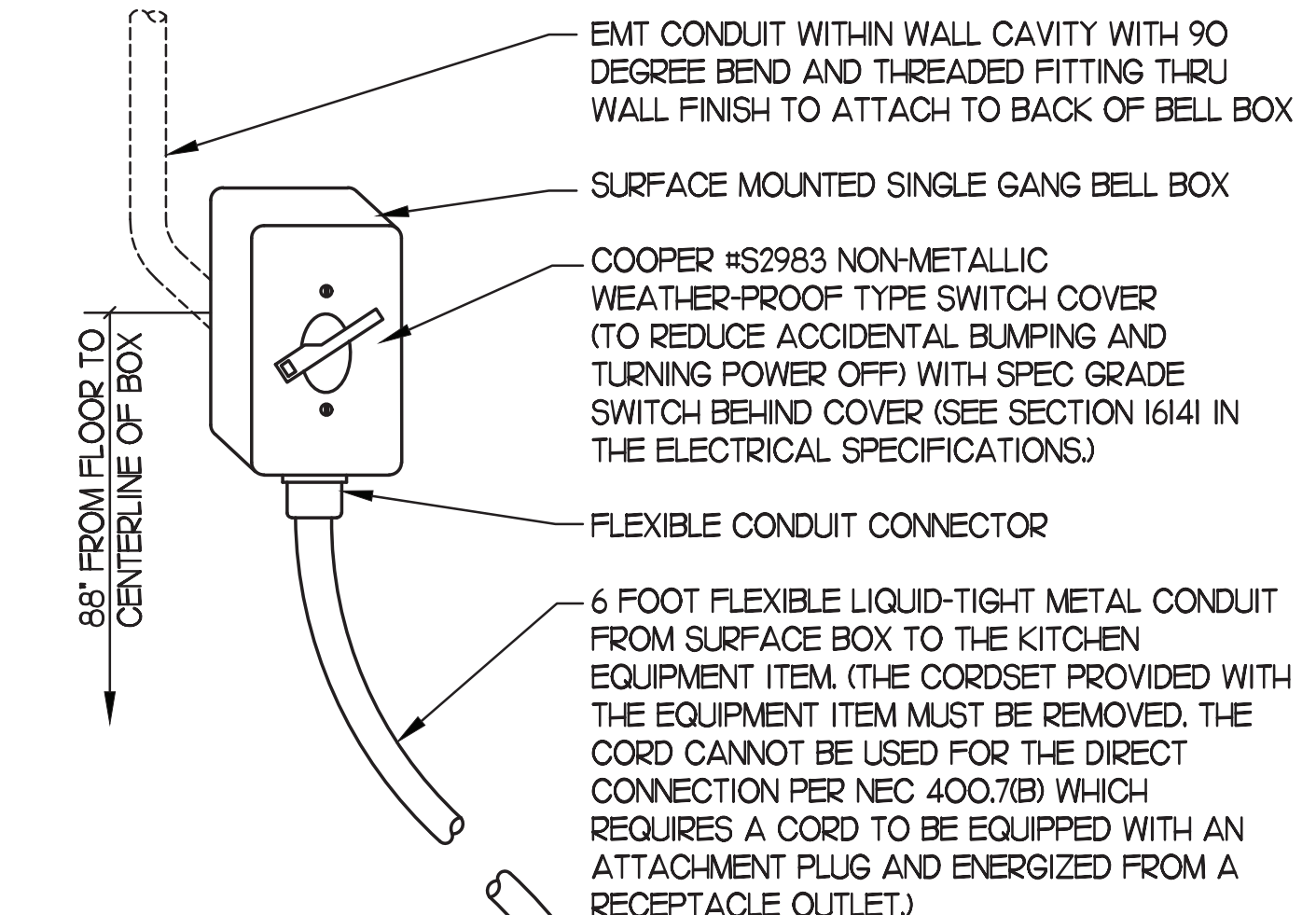
CONSULTANT PROJECT # 2022.0777
DATE July 2023

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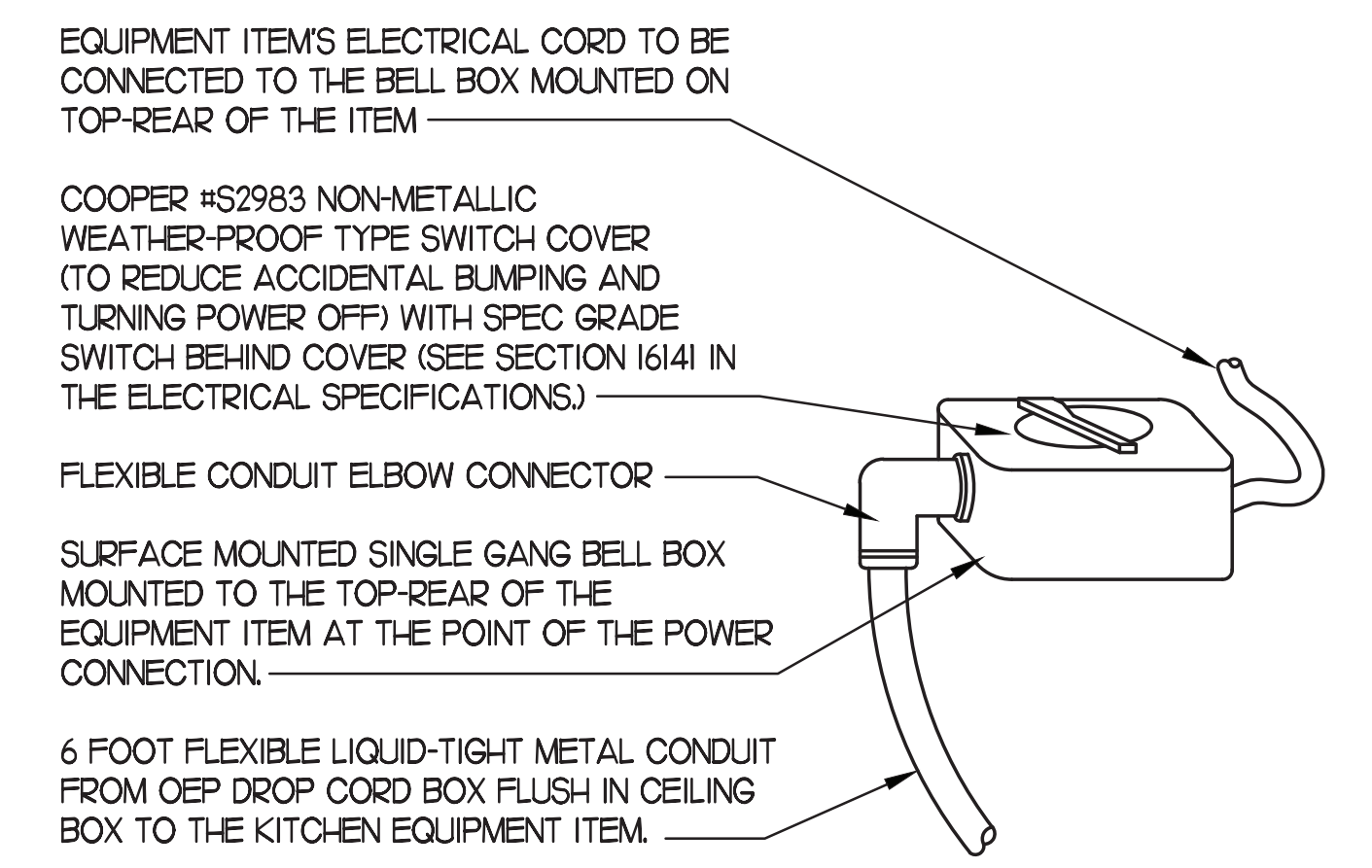
PLUMBING DETAILS

P6.1

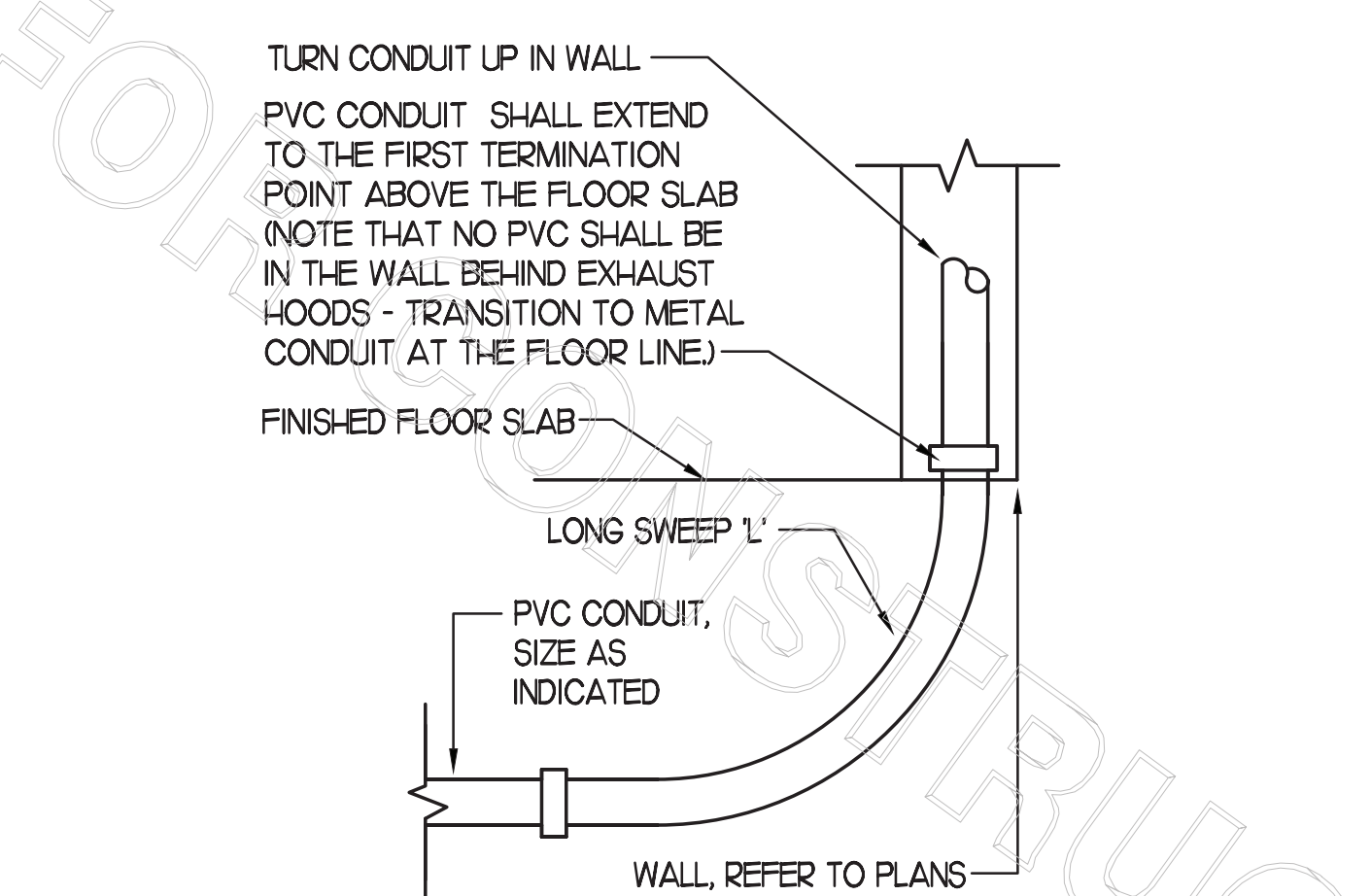
1 KITCHEN EQUIPMENT SCHEDULE - CHICK-FIL-A 508-V8.2 EDITION												
REQ IR ES IG/ GF WIR ING	ITEM NO.	EQUIPMENT	MANUFACTURER	ELECTRICAL					NEMA CONFIG	COOPER/ARROW HART (LION) RECEP CAT. NO.	Wire/Conduit MARK NO.	(ALL ITEMS BY CHICK-FIL-A UNLESS OTHERWISE NOTED)
				VOLT	PH	WI RES	KW	AMP				
	180	ORDER REGISTER	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	182	RECEIPT PRINTER	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	182L	LABEL PRINTER	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	183	ORDER MONITOR	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	184	IPAD	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	190	DRIVE-THRU VIDEO MONITOR	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	300A	MILKSHAKE BASE DISPENSER	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	MOUNTED ON ITEM #300BR
	300X	DOUBLE BARREL ICE CREAM MACHINE	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	420	SGL. UNDERCOUNTER REFRIGERATOR	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	420A	SINGLE UNDERCOUNTER REFRIGERATOR	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	420L	SINGLE UNDERCOUNTER REFRIGERATOR	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	421	DOUBLE UNDERCOUNTER REFRIGERATOR	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	440CT	ICE BATH BREADING TABLE	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	441	SALAD PREP TABLE	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	ELECTRICIAN TO CHANGE PLUG TO TWIST LOCK PLUG
	444D	DOUBLE THAWING CABINET (52" WIDE)	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	444SL	SINGLE THAWING CABINET (32" WIDE)	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	503T	EGG STATION	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	505VLT	VECTOR OVEN	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	522	OPEN FRYER	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	523	PRESSURE FRYER	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	563D	DOUBLE TIER SANDWICH SLIDE	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	563SL	SINGLE TIER SANDWICH SLIDE	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	565CT	FOOD COOKER/WARMER	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	592	RETHMALIZER	EQUIPMENT TO BE REUSED/RELOCATED								VERIFY	
	123	MIDLINE 66" TOAST TABLE	ATLANTA CUSTOM FABRICATORS									
	124	MIDLINE 120" TABLE	ATLANTA CUSTOM FABRICATORS									
	180	ORDER REGISTER	NCR MODEL #P1230	120	1	1		0.7			NEMA 5-20R	
	182L	LABEL PRINTER	RADIANT KITCHEN PRODUCTION SYSTEM	120	1						NEMA 6-20P	
	183	ORDER MONITOR	RADIANT KITCHEN PRODUCTION SYSTEM	120	1	2		0.125			NEMA 5-20R	
	184T	TIMER	ARPLE	120	1	1	0.12	1			NEMA 5-20R	
	211B	FLY SYSTEM	PESTWEST MANTIS QUALIS IN WHITE (MODEL #125-000502)	120	1	2	0.078	0.65				1 PROVIDED BY CFA WAREHOUSE - CLOCK STYLE RECEPTACLE REQUIRED
	211C	FLY SYSTEM	PESTWEST MANTIS SIRIUS IN WHITE (MODEL #125-000513)	120	1	2	0.078	0.65				1
	305	TEA BREWER	WILBUR CURTIS MODEL #TCT-10000	120	1	1	1.65	13.8			NEMA 5-15R	PROVIDE QUICK DISCONNECT HOSES
	308	SINGLE COFFEE MAKER	WILBUR CURTIS MODEL #TP2S10A3140	208	1	2	4	19.2			NEMA L14-30R	PROVIDE QUICK DISCONNECT HOSES
	310	DOUBLE LEMONADE BUBBLER	CRATHCO MODEL #CS-2D-16	120	1	1		8.5			NEMA 5-15R	ORDER (1) #3CRA016 BOWL KIT AND (1) #3CRA018 BASE PER BUBBLER AND ORDER TOTAL OF (1) #3CRA021 SET OF (2) 2.4 GAL BOWLS.
	315W	10-HEAD DRINK TOWER/ICE BIN	LANCER #85-23710-111-07 MODEL 2300	120	1	2		10.0			NEMA 5-20R	DUPLEX RECEPTACLE REQUIRED FOR EACH BEVERAGE TOWER
	320	TURBO CARBONATOR	LANCER #85-1923-03	115	1	2		6.2			NEMA 5-20R	ORDER (3) #44231, (2) #44233, (5) DR. PEPPER PUMPS, & (2) #15274SN-01
	363H	HIGH-TEMP UPRIGHT DISHWASHER	HOBART MODEL #AM16SVLT-2	208	3	3		53.68			DIRECT CONNECTION	INCLUDES 6 FT BRAIDED HOSE AND INTEGRATED DRAIN WATER TEMPERING SYSTEM
	380	ICE MACHINE	FOLLETT MODEL #HMF1410RBT	115	1	1	0.6	5			NEMA 5-15R	
	380D	ICE MACHINE	FOLLETT MODEL #HMF1810RBT	120	1	2	0.368	5			NEMA 5-15R	1 INSTALLED ON TOP OF ICE BIN - PROVIDED WITH 6 FT CORD AND 35 FT LINE SETS
	400L	SINGLE UPRIGHT FREEZER (30" WIDE)	TRAUlsen MODEL #RLT132WUT-FHS	120	1	1	1.1	9.4			NEMA 5-15R	HINGE LEFT - PROVIDE FINISHED BACK - ORDER ON 4 5/8 IN CASTERS
	421	DOUBLE UNDERCOUNTER REFRIGERATOR	TRAUlsen MODEL #UHT48-ZCF	120	1	1	0.48	5.7			NEMA 5-20R	ORDER ON 4" CASTERS
	422T	REFRIGERATOR	TRAUlsen MODEL #TE048HT	115	1	1	0.33	6.7			5-15P	
	432T	DOUBLE REFRIGERATED WORK TABLE	TRAUlsen MODEL #UHT60-ZCF-LR	115	1	1	0.756	6.3			NEMA L5-20R	EC TO CHANGE PLUG TO TWIST LOCK - ORDER ON 6 IN CASTERS WITH BACKSPASH TOP
	442WCLT	SINGLE UPRIGHT REFRIGERATOR (30" WIDE)	TRAUlsen MODEL #RH132W-ZCF17	115	1	1		7			NEMA L5-15R	HINGE LEFT - PROVIDE FINISHED BACK - ORDER ON 6 IN CASTERS - EC TO CHANGE PLUG TO TWIST LOCK
	443GT	SINGLE UPRIGHT REFRIGERATOR (24" WIDE)	TRAUlsen MODEL #RH132DUT-HHG	115	1	1		8			NEMA L5-15R	HINGE RIGHT - HALF HEIGHT GLASS DOORS - PROVIDE FINISHED BACK - ORDER ON 6 IN CASTERS - EC TO CHANGE PLUG TO TWIST LOCK
	444D	DOUBLE THAWING CABINET (52" WIDE)	TRAUlsen MODEL #RET232NUT-FHS	115	1	1		16			DIRECT CONNECTION	HINGE STANDARD - GC TO INSTALL LIQUID TIGHT FLEX CONDUIT - ORDER ON 6 IN CASTERS
	522A	DOUBLE OPEN FRYER	HENNY PENNY MODEL #CFE-420	208	3	3	22/22	62/62			PIN & SLEEVE	PROVIDED WITH EQUIPMENT AND RECEPTACLE BOX PROVIDED WITH HALTON ITEMS - (1) POWER CONNECTION PER WELL
	523	PRESSURE FRYER	HENNY PENNY MODEL #PFE-500	208	3	3	13.5	38.0			NEMA 15-50R	14 SUPPLIED WITH 6' SO CORD AND PLUG
	524	DUAL-SIDED XPRESS BROILER	GARLAND #CXBE12	208	3	3	16.04	47.0			NEMA 15-50R	14 REPLACE PLUG & CORD-SET IN FIELD - PART OF ROLLOUT
	560	FRY HOLDING STATION	BKI MODEL #FW-15BB	120	1	1	1.84	15.4			NEMA 5-20R	1 ON ITEM #105
	580H	MULTI-USE HOLDING CABINET	DUKE MODEL #MUHC-52-120	120	1	1	2.88	24			NEMA L5-30R	7 PROVIDE WITH TWIST LOCK PLUG
	671	FLAT-VU MENU BOX	C3 LIGHTING SOLUTIONS SIZE B	120	1	2	0.054	0.45			NEMA 5-20R	1 VERIFY MENU BOARD LAYOUT
	600T	MIXER	HOBART MODEL #HL200-1	120	1	1		8			NEMA L5-20R	
	F180	FUTURE ORDER REGISTER	NCR MODEL #P1230	120	1	1		0.7			NEMA 5-20R	
	F182	FUTURE RECEIPT PRINTER	EPSON MODEL #TM-T88V	24	1	1		1.8			NEMA 5-20R	
	F300X	FUTURE DOUBLE BARREL ICE CREAM MACHINE	TAYLOR MODEL #079333BWD (AIR COOLED)	208	3	3	19/15	15-30R/15-20R				PROVIDED WITH HUBBELL HBL8432C & HBL8421C ANGLE PLUGS
	F320	FUTURE TURBO CARBONATOR	LANCER #85-1923-03	115	1	1		6.2			NEMA 5-20R	1 ORDER (3) #44231, (2) #44233, (5) DR. PEPPER PUMPS, & (2) #15274SN-01
	F440CT	FUTURE ICE BATH BREADING TABLE	DUKE MODEL #BSTA-120-US	120	1	1		1			NEMA L5-15R	EC TO CHANGE PLUG TO TWIST LOCK - 10 FT CORD AND PLUG - LEAF INCLUDED WITH TABLE - INSTALL IF SHOWN ON PLANS
	F444S	FUTURE THAWING CABINET - SINGLE	TRAUlsen MODEL #RET132EWUT-FHS	120	1	1		16.0			DIRECT CONNECTION	1 HINGE LEFT - G.C. TO INSTALL LIQUID TIGHT FLEX CONDUIT
	F444D	FUTURE DOUBLE THAWING CABINET (52" WIDE)	TRAUlsen MODEL #RET232NUT-FHS	115	1	1		16.0			DIRECT CONNECTION	1 HINGE STANDARD - GC TO INSTALL LIQUID TIGHT FLEX CONDUIT - ORDER ON 6 IN CASTERS
	F505VLT	FUTURE VECTOR OVEN	ALTO-SHAAM MODEL #VMC-H3H 106226	208	3	3	7.9	22			NEMA L15-30R	
	F503T	FUTURE EGG STATION	ANTUNES MODEL #ES-600R 9300657	208	1	2		12.5			NEMA L6-20R	1 ORDER ON 4" CASTERS WITH WORK TOP AND BACKSPASH; PROVIDE WITH TWIST LOCK PIN&SLEEVE PROVIDED WITH EQUIPMENT AND RECEPTACLE BOX PROVIDED WITH HALTON ITEMS
	F522	FUTURE OPEN FRYER	HENNY PENNY MODEL #CFE-410	208	3	3	22.0	61			PIN&SLEEVE	
	F523	FUTURE PRESSURE FRYER	HENNY PENNY MODEL #PFE-500	208	3	3	13.5	38.0			NEMA 15-50R	14 SUPPLIED WITH 6' SO CORD AND PLUG



2 KITCHEN EQUIP DIRECT CONNECTION
NOT TO SCALE WALL MOUNT CONDITION



3 KITCHEN EQUIP DIRECT CONNECTION
NOT TO SCALE DROP CORD - ISLAND MOUNT CONDITION



4 INTERIOR PVC CONDUIT DETAIL
NOT TO SCALE

NEMA 5-15R
 NEMA 5-20R
 NEMA L5-20R
 NEMA L14-20R
 NEMA L14-30R
 NEMA L5-20R
 NEMA L14-30R
 NEMA L5-20R
 NEMA L5-30R
 NEMA L5-50R
 NEMA L5-20R
 NEMA L5-60R

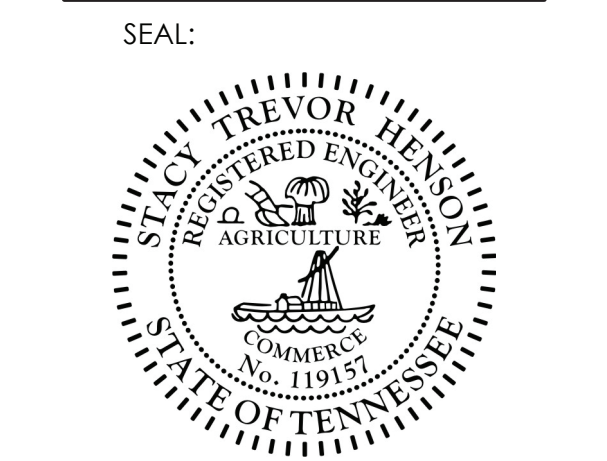


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CHICK-FIL-A
DYERSBURG FSU
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Dyersburg, TN 38024

FSR#02780
BUILDING TYPE / SIZE: 508N-104 V4
RELEASE: 2023.04
PRINTED FOR: CONSTRUCTION

NO.	DATE	DESCRIPTION
1	10/23/23	BD UPDATES

CONSULTANT PROJECT # 2022.0777
DATE July 2023
DRAWN BY RZ
CHECKED BY M/JSN
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SHEET
EQUIP SCHEDULE AND
DETAILS
SHEET NUMBER

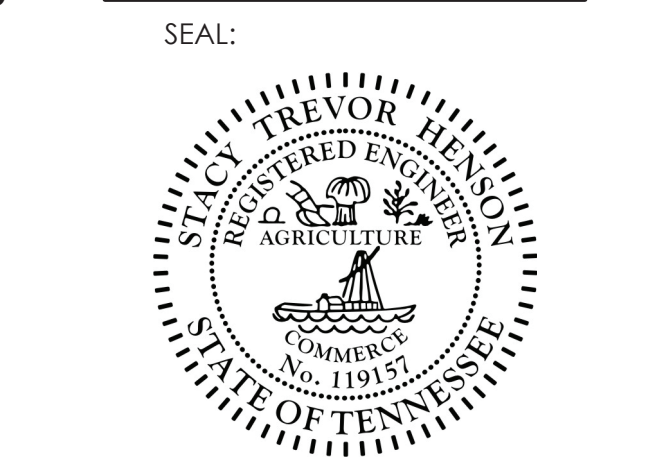


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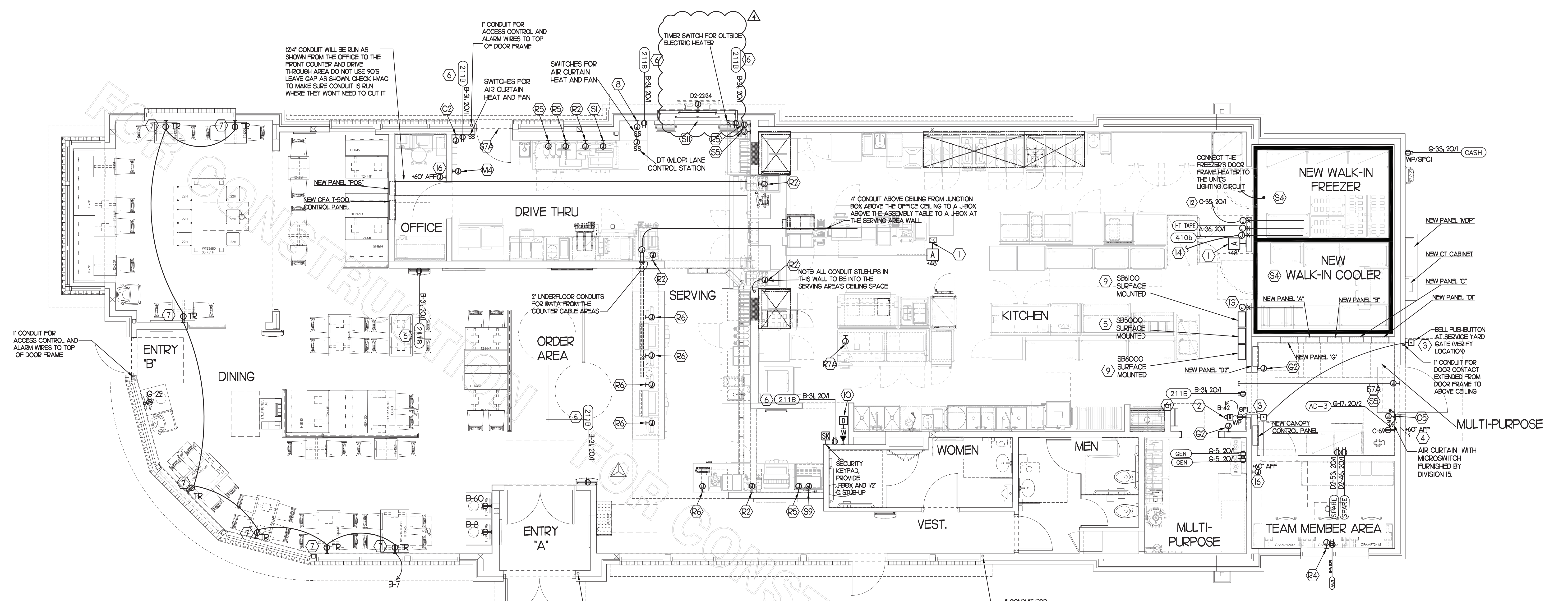
CHICK-FIL-A
DYERSBURG FSU
2440 Lake Rd
Dyersburg, TN 38024

FSR#02780
BUILDING TYPE / SIZE: S08N-104 V4
RELEASE: 2023.04

REVISION SCHEDULE table with columns: NO., DATE, DESCRIPTION. Includes entries for construction, revision schedule, consultant project #, date, drawn by, checked by, and sheet information.

POWER & SYSTEMS PLAN & NOTES
SHEET NUMBER

E2.2
MARIBR - 01/09/2024 11:36:55 AM



1 POWER & SYSTEMS PLAN
SCALE: 1/4" = 1'-0"

2 KEY NOTES - POWER:

- 1 PROVIDE 2 GANG DEEP BOX (2" MIN) FOR ANSLU PULL STATION. EXTEND 1/2" CONDUIT FROM BOX, STUBBED ABOVE CEILING.
2 PROVIDE EDWARDS #340-4N5 VIBRATING 4" DIAMETER BELL. BELL SHALL BE RATED AT 120 VOLTS.
3 PROVIDE 120 VOLT WEATHER-PROOF DOORBELL. PUSH-BUTTON AT DOOR. PUSH-BUTTON SHALL BE FLUSH MOUNTED. PROVIDE ELECTRONICS SYSTEMS #W5265-P25 CLEAR ANODIZED ALUMINUM PUSH-BUTTON WITH SINGLE GANG SWITCH PLATE.
4 ONE 3" ISP SERVICE CONDUIT. EXTEND WITH PULL STRING FROM THE J-BOX TO THE UTILITY SOURCE
5 SB5000 PANEL ENCLOSURE WITH 3 LITTLE FUSE SHOCK GFCI PROTECTION DEVICES #SB5060 RATED AT 50AMPS.
6 PROVIDE DUPLEX RECEPTACLE (SEE ELEVATIONS FOR MTG H1) IN AN ARLINGTON #DVER2W DOUBLE-GANG RECESSED BOX FOR THE FLY SYSTEM ITEMS. DO NOT CUT THE CORSET FURNISHED WITH THE UNIT, BUT COIL THE CORD ON THE BACK OF THE UNIT AND TUCK INTO THE BACKBOX
7 TAMPER RESISTANT (TR) DUPLEX RECEPTACLE WITH USB CHARGER (IN THE DINING AREAS) SHALL BE COOPER/ARROW HART #TR7746-B (BROWN) WITH MATCHING COLOR 'DECOR' STYLE PLATE.
8 JUNCTION BOX WITH 3/4" CONDUIT STUB-UP INTO THE CEILING SPACE FOR OWNERS' INTERROOM FOR THE MLOP ORDERING CONTROL STATION. PROVIDE BLANK PLATE IF BLDG IS SINGLE LANE DRIVE-THRU.
9 SB5000 PANEL ENCLOSURE WITH 3 LITTLE FUSE SHOCK GFCI PROTECTION DEVICES AND SB5000 PANEL ENCLOSURE SHOCK BLOCK GFCI PROTECTION DEVICE ENSURE CONDUITS ARE INSTALLED FOR LINE AND LOAD WIRES TO BE INSTALLED WITH PROPER WIRE BENDING SPACE LABEL EACH SHOCK BLOCK WITH PANEL AND CIRCUIT NUMBER IT CONTROLS.
10 PROVIDE 2 GANG DEEP BOX (2" MIN) FOR EACH DUCT SMOKE DETECTOR INDICATED ON THE MECHANICAL DRAWINGS. FOR INSTALLATION OF DUCT DETECTOR REMOTE ANNUNCIATORS BY MECHANICAL. THE DUCT SMOKE REMOTE ANNUNCIATORS ARE PROVIDED TO THE ELECTRICIAN WITH THE SUNCOST ELECTRONICS PACKAGE OF GEAR AND CONTROLS. EXTEND 1/2" CONDUIT FROM EACH BOX AND STUB ABOVE CEILING.
11 NOT USED
12 FACTORY PROVIDED JUNCTION BOX FOR WALK-IN FREEZER PRESSURE RELIEF. ELECTRICAL CONTRACTOR TO PROVIDE FIELD WIRING FROM UNSWITCHED LEG OF LIGHTING CIRCUIT SERVING WALK-IN FREEZER FIXTURES TO JUNCTION BOX.
13 CONNECT EVAPORATOR UNIT IN COOLER TO COOLER CONDENSING UNIT CONTROLS LOCATED ON ROOF. SEE SHEET E2.3.
14 CONNECT EVAPORATOR UNIT IN FREEZER TO FREEZER CONDENSING UNIT CONTROLS LOCATED ON ROOF. SEE SHEET E2.3.
15 PROVIDE CO2 CENTRAL CONTROL UNIT MOUNTED AT 60" AFF. ELECTRICAL CONTRACTOR TO PROVIDE SINGLE-GANG J-BOX WITH 1/2" CONDUIT EXTENDED TO ABOVE ACCESSIBLE CEILING SPACE. INSTALL PER MANUFACTURERS' RECOMMENDATIONS AND PER LOCAL CODE. FIELD VERIFY EXACT LOCATION AND ALL REQUIREMENTS PRIOR TO BID AND CONSTRUCTION.
16 PROVIDE CO2 ANNUNCIATOR MOUNTED AT 60" AFF. ELECTRICAL CONTRACTOR TO PROVIDE SINGLE-GANG J-BOX WITH 1/2" CONDUIT EXTENDED TO ABOVE ACCESSIBLE CEILING SPACE. INSTALL PER MANUFACTURERS' RECOMMENDATIONS AND PER LOCAL CODE. FIELD VERIFY EXACT LOCATION AND ALL REQUIREMENTS PRIOR TO BID AND CONSTRUCTION.

3 KEY NOTES - SECURITY:

- 1 PROVIDE SINGLE GANG JUNCTION BOX AND STAINLESS STEEL COVER PLATE WITH 7/8" HOLE IN CENTER. EXTEND 1" E.C. UP IN WALL TO ABOVE ACCESSIBLE CEILING.
2 PROVIDE 4"W X 4"H X 3"D FLUSH JUNCTION BOX WITHOUT COVERPLATE. EXTEND 2" RIGID CONDUIT UP TO ABOVE ACCESSIBLE OFFICE CEILING AREA. PROVIDE BUSHING ON CONDUIT.
3 PROVIDE 4"W X 4"H X 3"D JUNCTION BOX WITHOUT COVERPLATE. EXTEND 2" RIGID E.C. UP TO ABOVE ACCESSIBLE OFFICE CEILING AREA. PROVIDE SINGLE-GANG J-BOX ADJACENT WITH 2" RIGID E.C. DOWN THROUGH SLAB AND BELOW GRADE TO REMOTE CAMERA LOCATION. USE ONLY LONG SWEEPS. 3 FEET PER 90 DEGREES. SEE ELECTRICAL SITE PLAN FOR CONTINUATION.
4 PROVIDE TWO GANG WEATHER-PROOF JUNCTION BOX AND STAINLESS STEEL PLATE WITH 7/8" HOLE IN CENTER FOR PANG BUTTON. MOUNT AT APPROXIMATELY 48" AFF. EXTEND 1/2" RIGID CONDUIT OVER TO THE WALL AND THEN UP TO ABOVE ACCESSIBLE CEILING. SEAL PENETRATION AT WIC/WIF CEILING.
5 PROVIDE SINGLE GANG BOX WITHOUT COVER PLATE. EXTEND 1/2" CONDUIT UP IN WALL TO ABOVE ACCESSIBLE CEILING AND TURN TOWARD SERVING AREA SIDE OF WALL.
6 PROVIDE SINGLE GANG JUNCTION BOX ON INSIDE FACE OF PARAPET WALL APPROX. 1/2" BELOW TOP OF PARAPET WALL. EXTEND 1/2" CONDUIT DOWN TO ABOVE ACCESSIBLE OFFICE CEILING.
7A EXTEND 3/4" RIGID CONDUIT FROM TOP OF STRIKE-SIDE DOOR FRAME CHANNEL TO ABOVE ACCESSIBLE CEILING.
8 EXTEND 1/2" RIGID CONDUIT FROM A POINT 3" WITHIN EITHER HINGE-SIDE DOOR VERTICAL FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
9 PROVIDE SINGLE GANG JUNCTION BOX WITHOUT COVERPLATE. EXTEND 1/2" CONDUIT UP IN WALL TO ABOVE ACCESSIBLE CEILING AND TURN TOWARD SERVING AREA SIDE OF WALL.
10 PROVIDE SINGLE GANG, WEATHER-PROOF JUNCTION BOX WITH STAINLESS STEEL COVER PLATE MOUNTED 18" FROM THE CORNER OF THE SERVICE YARD AND JUST BELOW ROOF DECK MOUNTING BRACKETS. ROUTE 1" EMT CONDUIT FROM THE BOX. SURFACE MOUNTED JUST BELOW THE ROOF DECK MOUNTING BRACKETS AND TERMINATE THE CONDUIT AT 60".
11 EXTEND 1/2" RIGID CONDUIT FROM A POINT 3" WITHIN STRIKE-SIDE WINDOW FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
12 PROVIDE SINGLE GANG, WEATHER-PROOF JUNCTION BOX WITH STAINLESS STEEL COVER PLATE MOUNTED JUST ABOVE THE STRIKE SIDE OF OUTSIDE DOOR ON INSIDE OF SERVICE YARD. ROUTE 1" EMT CONDUIT SURFACE MOUNTED FROM BOX JUST BELOW THE ROOF DECK MOUNTING BRACKETS. TERMINATE CONDUIT IN THE ACCESSIBLE CEILING SPACE INSIDE THE BUILDING.
13 NOT USED
14 PROVIDE JUNCTION BOX ON THE LATCH SIDE OF THE ROOF ACCESS HATCH WITH 1/2" C ABOVE THE CLG TO THE OFFICE CEILING SPACE FOR A DOOR CONTACT.

4 GENERAL NOTES:

- 1 ALL SECURITY, POS, MUSIC, COMMUNICATIONS, AND POWER ROUGH-IN SHALL BE INSTALLED DURING THE FRAMING/ROUGH-IN PHASE OF CONSTRUCTION.
2 REFER TO KITCHEN EQUIPMENT SHEETS FOR EQUIPMENT ELECTRICAL ROUGH-IN ELEVATIONS ABOVE FINISHED FLOOR.
3 ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRING.
4 PROVIDE INSULATED BUSHINGS AT TERMINATION POINTS OF ALL CONDUITS FOR LOW VOLTAGE WIRING.
5 THE ELECTRICAL INSTALLER SHALL COORDINATE THE ROUTING OF ALL CONDUIT IN THE BUILDING WITH OTHER TRADES (SPECIFICALLY THE DUCTWORK INSTALLATION) TO AVOID CONFLICTS OF SPACE REQUIREMENTS IN WALLS AND CEILING SPACES.

5 KEY NOTES - COMMUNICATIONS:

- 1 PROVIDE DOUBLE-GANG RING (CARLON #SC200RR) WITH STAINLESS STEEL COVER PLATE AND HOLE IN PLATE FOR AUDIO WITH 2" CONDUIT UNDERGROUND TO THE DT DUAL-LANE MLOP ORDERING AREA AND A 2" CONDUIT STUBBED UP INTO THE CEILING SPACE.
2 PROVIDE JUNCTION BOX, LESS COVER PLATE, AND EXTEND 3/4" E.C. UP IN WALL TO ABOVE CEILING FOR INSTALLATION OF WIRELESS COMMUNICATION CONTROL UNIT.
3 PROVIDE TWO DOUBLE-GANG RINGS (CARLON #SC200RR) WITH STAINLESS STEEL COVER PLATE AND HOLE IN PLATE FOR AUDIO WITH 2" CONDUIT STUBBED UP INTO THE CEILING SPACE. ONE RING SHALL BE ABOVE THE COUNTER AND ONE BELOW WITH A 2" CONDUIT BETWEEN THE RINGS.
4 PROVIDE SINGLE-GANG JUNCTION BOX WITH A 1" EMPTY CONDUIT STUBBED UP INTO THE ACCESSIBLE CEILING SPACE FOR OWNERS' VOIP PHONE JACK AND CABLES.
5 PROVIDE TWO 6"x6"x1/4" J-BOX (ONE FOR TELEPHONE AND ONE FOR ISP) AT 6'-6" AFF AND EXTEND A 2" CONDUIT WITH PULL STRING IN THE WALL FROM EACH J-BOX INTO THE ACCESSIBLE CEILING SPACE. PROVIDE A 36"x36"x3/8" PLYWOOD BACKBOARD ON THE WALL ABOVE THE J-BOXES (AT THE CEILING) FOR USE BY THE ISP. PROVIDE A COPPER GROUND BAR AT THE BOTTOM OF THE BACKBOARD WITH #6 AWG INSULATED CU GROUNDING CONDUCTOR IN A 3/4" FROM THE GROUND BAR TO THE BUILDING'S ELECTRICAL SERVICE GROUNDING SYSTEM (GESS). THE GROUND BAR SHALL HAVE TAPS FOR USE BY THE TELEPHONE AND ISP UTILITY COMPANIES AND FOR THE #6 COMMUNICATIONS GROUNDING CONDUCTOR TO THE GESS. PROVIDE A 15 AMP ISOLATED GROUND (IG) ORANGE-FACED DUPLEX RECEPTACLE IN THE WALL BESIDE THE BACKBOARD. CONNECT TO CIRCUIT POS-12 (5A/1P BRANCH BREAKER) AND LABEL THE RECEPTACLE FOR FIBER TO CABLE MODEM USE ONLY.

6 CO2 DETECTOR NOTES:

- 1 CO2 CENTRAL CONTROL UNIT - PROVIDE SINGLE-GANG BACKBOX AT 60" AFF WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE.
2 CO2 ANNUNCIATOR UNIT - PROVIDE SINGLE-GANG BACKBOX AT 60" AFF WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE.
3 CO2 SENSOR UNIT - PROVIDE SINGLE-GANG BACKBOX AT 12" AFF WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE.
4 CO2 POWER SUPPLY - PROVIDE SINGLE-GANG BACKBOX AT 18" BELOW CEILING WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE. PROVIDE A DUPLEX OUTLET, AND CONNECT TO A LOCAL GENERAL OUTLET CIRCUIT. FIELD VERIFY EXACT LOCATION WITH STRONG SYSTEMS 800-500-5566.

7 KEY NOTES - MUSIC:

- 1 PROVIDE JUNCTION BOX WITH STAINLESS STEEL COVER PLATE AND 3/4" HOLE IN PLATE WITH GROMMET ON HOLE IN PLATE. EXTEND 3/4" E.C. UP IN WALL TO ABOVE CEILING FOR MUSIC SYSTEM.
2 PROVIDE JUNCTION BOX WITH STAINLESS STEEL COVER PLATE AND 3/4" HOLE IN PLATE WITH GROMMET ON HOLE IN PLATE. EXTEND 3/4" E.C. UP IN WALL TO PARAPET WALL FOR THE SATELLITE DISH.
3 PROVIDE THREE SINGLE GANG EXTRA DEEP J-BOXES AT 74" AFF WITH 1/2" CONDUIT FROM EACH TO THE CENTER BOX AND A 1" CONDUIT STUBBED INTO THE CEILING SPACE. FOR MUSIC SYSTEM VOLUME CONTROLS.
4 PROVIDE A SINGLE GANG EXTRA DEEP JUNCTION BOX AT 74" AFF WITH 1/2" CONDUIT STUBBED INTO THE CEILING SPACE. FOR MUSIC SYSTEM VOLUME CONTROLS.

8 KEY NOTES - POS SYSTEM:

- 1 PROVIDE A 'RETROFIT' DOUBLE-GANG RING (CARLON #SC200RR) FOR OWNERS' DEVICE PLATE WITH A 3" EMPTY CONDUIT AT THE OPENING IN THE WALL UP TO THE CEILING SPACE FOR OWNERS' DATA CABLES.
2 PROVIDE JUNCTION BOX FOR TERMINATION OF 1" CONDUIT. PROVIDE 1" CONDUIT EXTENDING FROM CEILING AND TERMINATED AT JUNCTION BOX ON THE SERVING AREA SIDE OF THE WALL. COVER PLATE PROVIDED BY OWNERS' POS SYSTEM VENDOR.
3 PROVIDE A 2" CONDUIT FROM FACE OF WALL AND EXTEND CONDUIT TO JUNCTION BOX IN CEILING SPACE ABOVE SERVING AREA. CONDUIT SHALL TERMINATE FLUSH WITH FACE OF WALL BELOW COUNTER. CUSTOM STAINLESS STEEL COVER PLATE IN WALL WITH GROMMET ON 2" DIAMETER HOLE AT CONDUIT TERMINATION IN WALL.
4 PROVIDE A 'RETROFIT' SINGLE GANG RING (CARLON #SC100RR) FOR OWNERS' DEVICE PLATE WITH A 2" EMPTY CONDUIT AT THE OPENING IN THE WALL UP TO THE CEILING SPACE FOR OWNERS' DATA CABLES.
5 PROVIDE JUNCTION BOX FOR TERMINATION OF 1" CONDUIT. PROVIDE 1" CONDUIT EXTENDING FROM CEILING AND TERMINATED AT JUNCTION BOX ON THE SERVING AREA SIDE OF THE WALL. POS SYSTEM SUPPLIER WILL PROVIDE COVER PLATE ON BOX.
6 PROVIDE SINGLE GANG EXTRA DEEP JUNCTION BOX MOUNTED ON THE MOUNTING PLATE WITHIN THE FRONT SERVING COUNTER CASEWORK.
7 PROVIDE SINGLE GANG EXTRA DEEP JUNCTION BOX MOUNTED FLUSH MOUNTED IN THE CEILING FOR POS DATA PLATE (BY OTHERS) FOR THE SALAD PREP AREA POS MONITOR AND PRINTER.



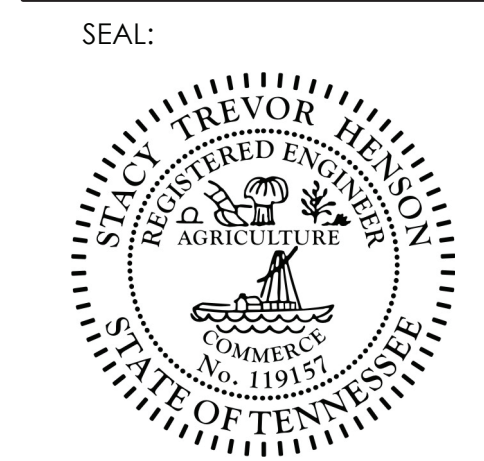
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FSR#02780

BUILDING TYPE / SIZE: S08N-104 V4
RELEASE: 2023.04

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REVISION SCHEDULE

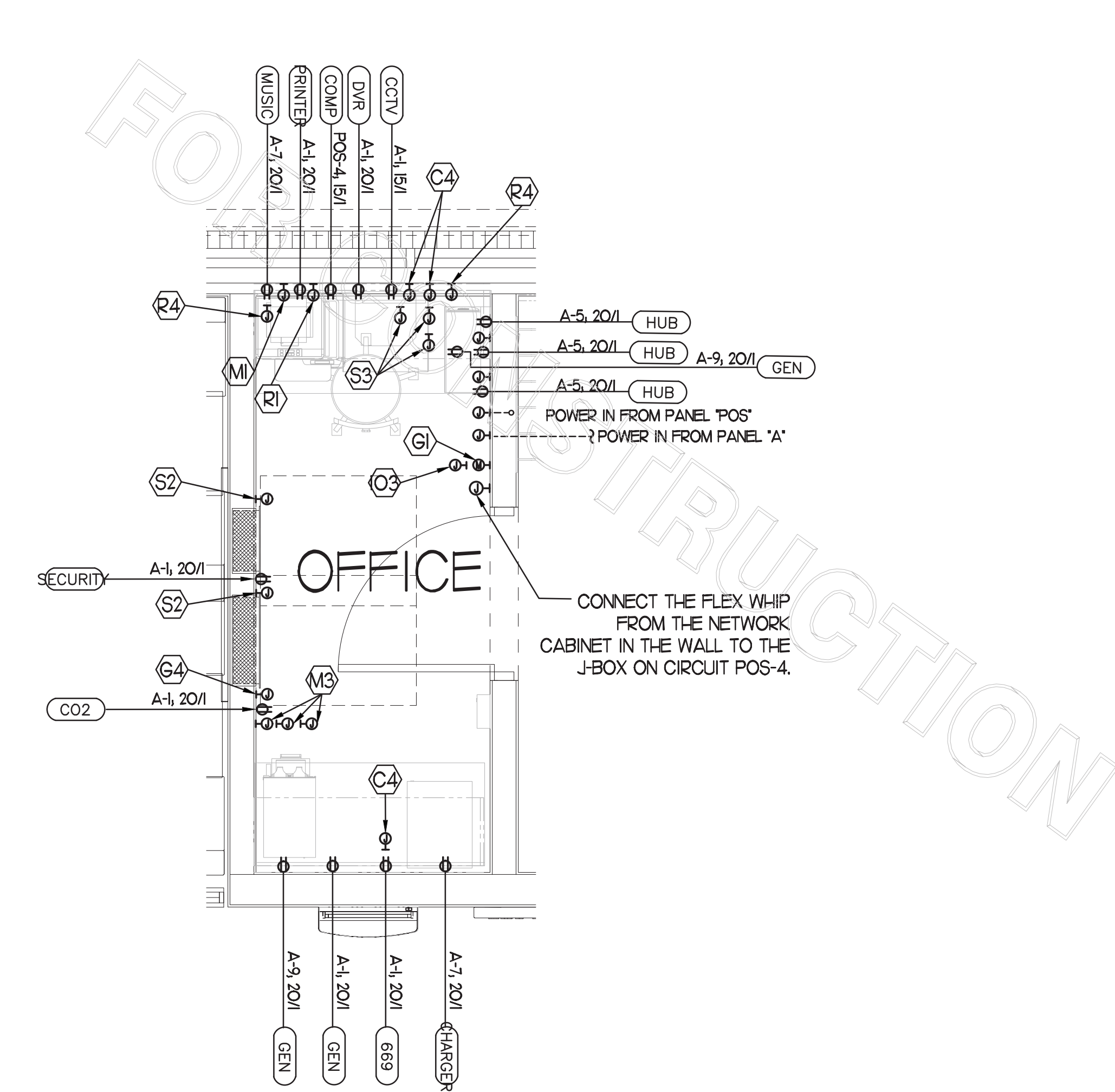
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DATE July 2023
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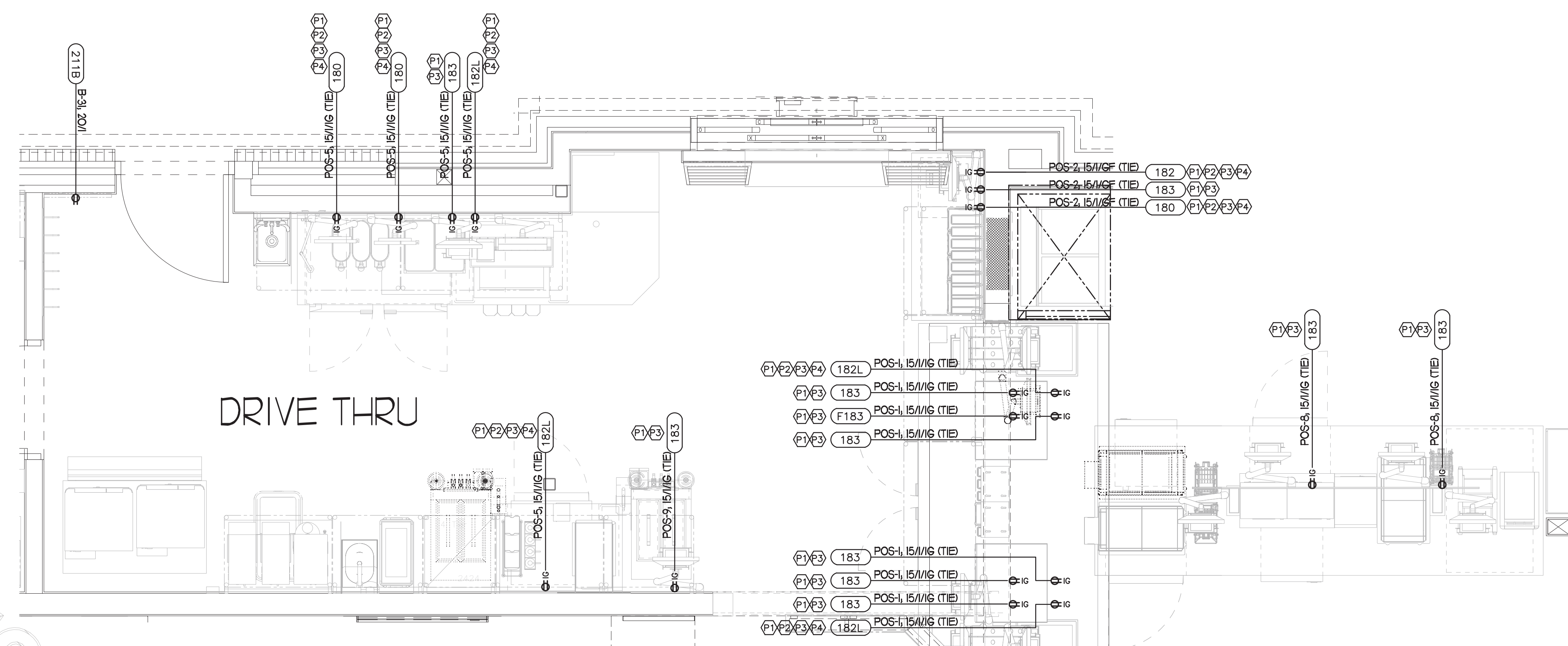
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ENLARGED POS POWER PLAN

SHEET NUMBER
E2.5



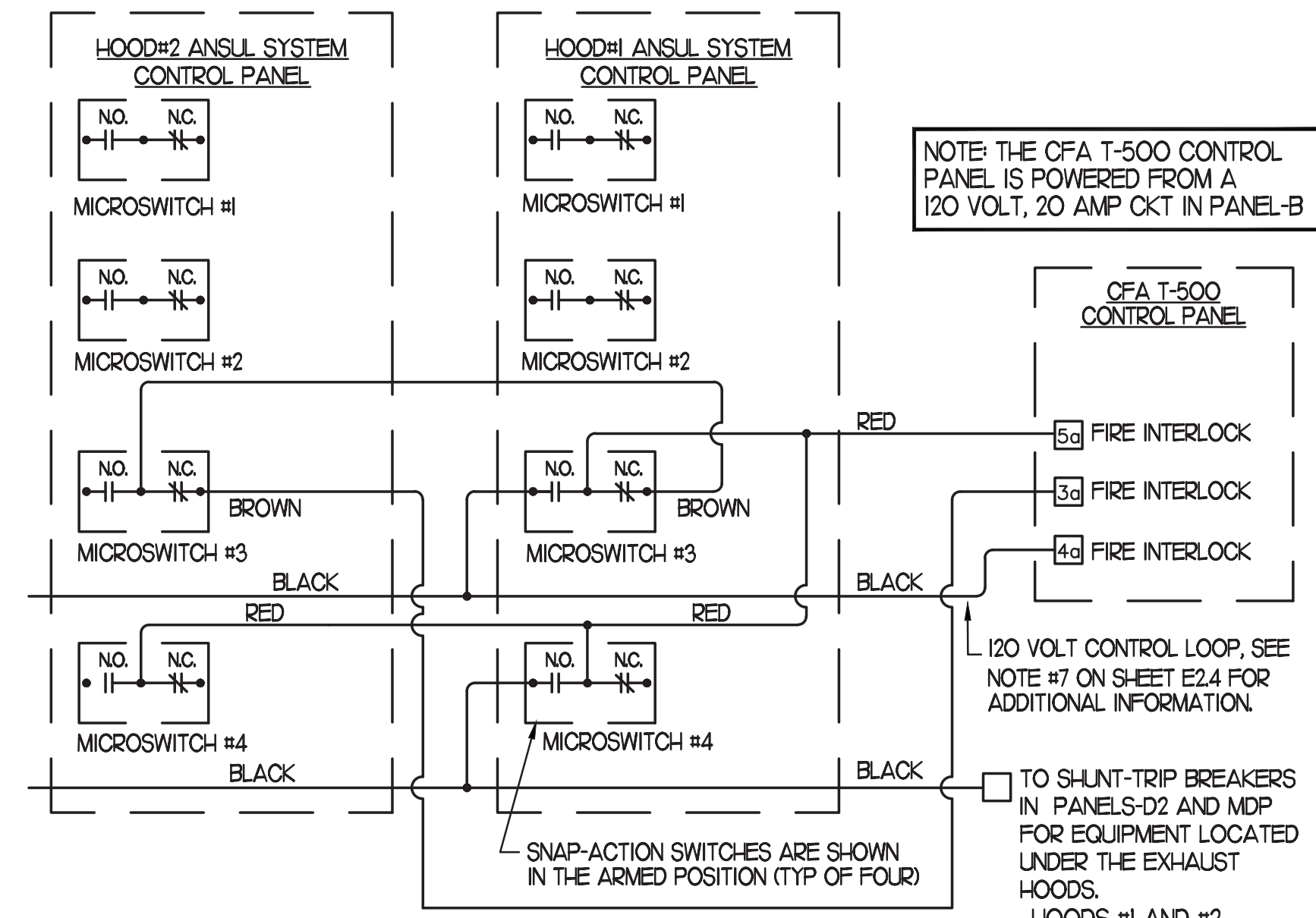
IB LARGE SCALE POS POWER PLAN - OFFICE
SCALE: 3/4" = 1'-0"



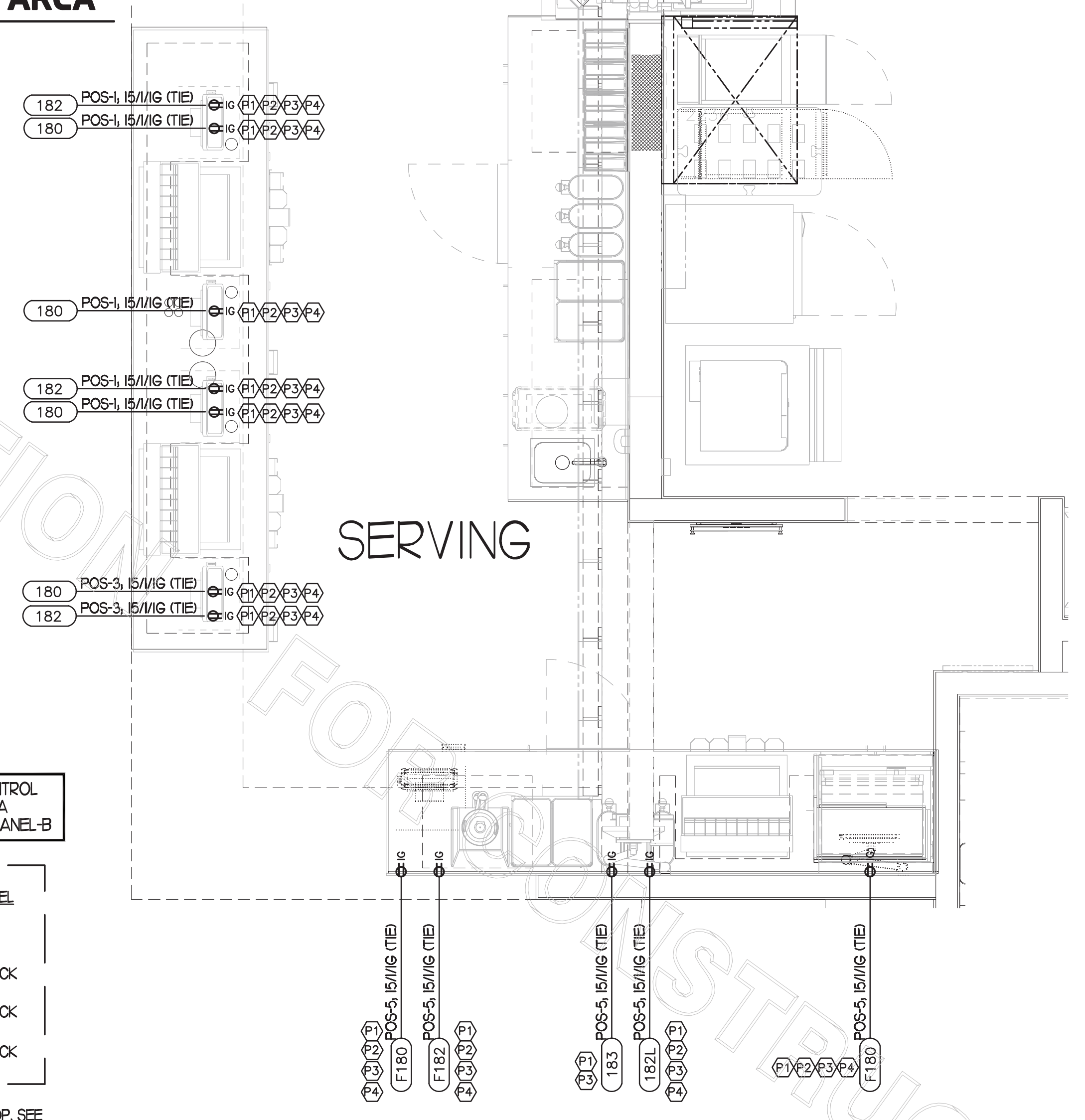
IA LARGE SCALE POS POWER PLAN - SERVING AREA
SCALE: 1/2" = 1'-0"

3 KEY NOTES - POS:

- (P1) PROVIDE ORANGE ISOLATED GROUND (IG) DUPLEX RECEPTACLE.
- (P2) PROVIDE GROUND FAULT PROTECTION FOR THESE DEVICES VIA A GROUND FAULT CIRCUIT BREAKER IF LOCAL CODE DEFINES THIS A FOOD PREPARATION AREA.
- (P3) USE TYPE MC CABLE FOR THE ISOLATED GROUND CIRCUIT: #12 HOT, NEUTRAL, GREEN GROUND, STRIPED ISO GRD. EACH IS#A HOMERUN SHALL BE DEDICATED TO A CIRCUIT BREAKER VIA DEDICATED CONDUCTORS WITHIN A CABLE ASSEMBLY. ALL MC CABLES SHALL BE RUN OVER-HEAD ABOVE THE CEILING AND RACKED TOGETHER ON J-HOOKS. NO SPLICES IN ANY HOMERUN CABLES FROM FIRST RECEPTACLE TO BREAKER.
- (P4) THE RECEPTACLE BACKBOX AND SYSTEM CABLE JUNCTION BOX FOR ITEMS 180 AND 182 SHALL BE TURNED HORIZONTAL. REFER TO THE KITCHEN EQUIPMENT ROUGH-IN ELEVATIONS FOR ADDITIONAL INFORMATION.



4 ANSUL SYSTEM PANEL WIRING DIAGRAM
NOT TO SCALE



FOR CONSTRUCTION

FOR CONSTRUCTION

FOR CONSTRUCTION

