



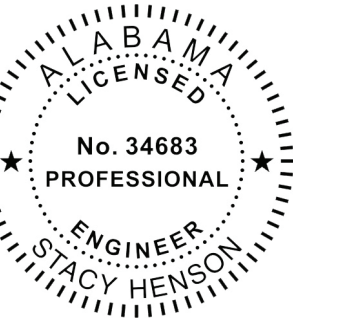
**Chick-fil-A**  
5200 Buffington Road  
Atlanta, Georgia  
30349-2998

**INTERPLAN**  
INTERPLAN LLC  
AR0011595  
CA 8660

ARCHITECTURE  
ENGINEERING  
PERMITTING

220 E. CENTRAL PKWY., STE. 4000  
ALPHAMETTE SPRINGS, FL 32701  
407.645.5008

SEAL:



**CHICK-FIL-A**  
**TIGER TOWN**  
2052 Tiger Town Parkway  
Opelika, AL  
36801

**FSU#01445**

BUILDING TYPE / SIZE: S03-C

RELEASE: PRINTED FOR

**Construction**

NO.	DATE	DESCRIPTION
1	07/22/22	RR
		KITCHEN UPDATES
05	09/28/2022	OWNER REVISION
13	01/03/2023	CONSTRUCTION REVISION

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 2021.0087

DATE 11/20/21

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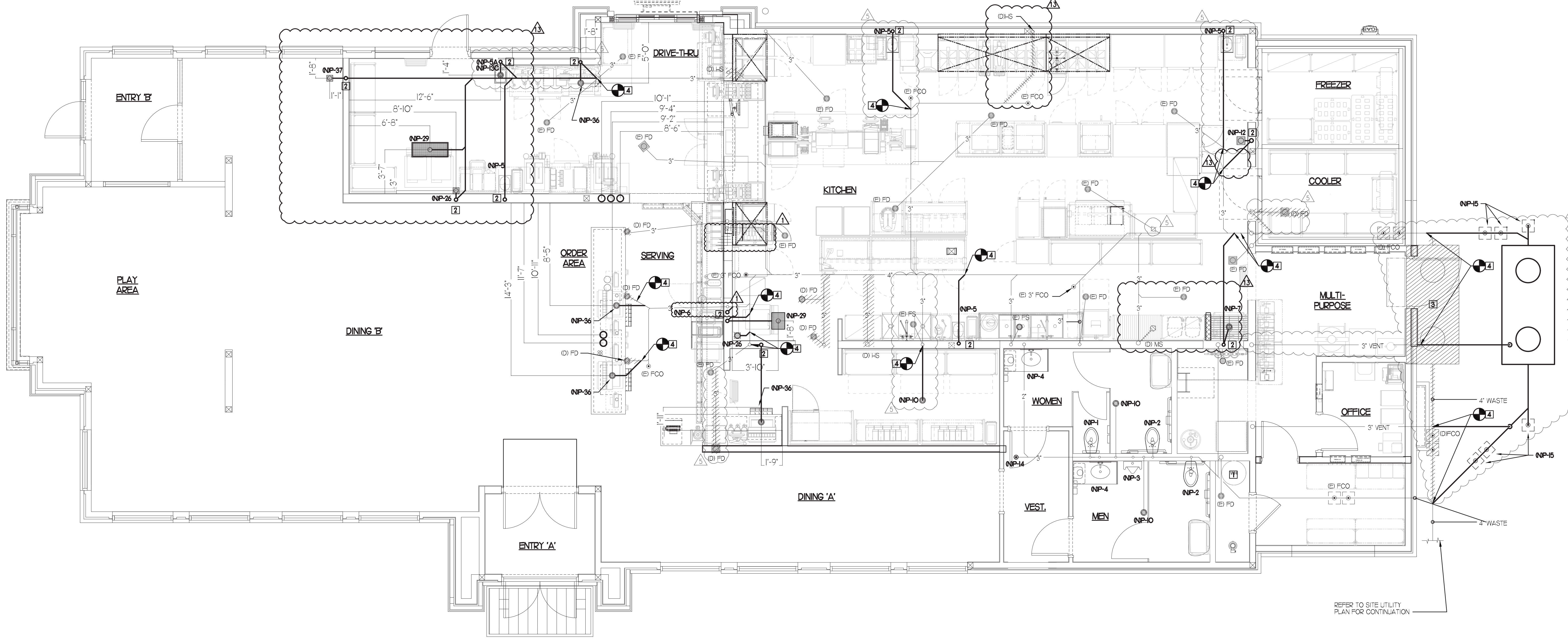
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SHEET BELOW SLAB PLUMBING PLAN

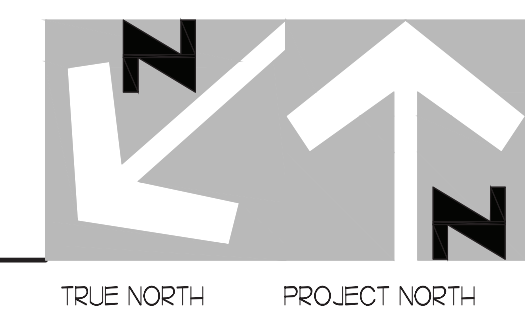
SHEET NUMBER

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**1 BELOW SLAB PLUMBING PLAN**

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



**PLUMBING KEY NOTES**

- 1) EXISTING WATER HEATER TO REMAIN.
- 2) PROVIDE NEW 2" VENT IN WALL. MAKE FINAL PLUMBING MODIFICATIONS.
- 3) EXISTING GREASE TRAP TO REMAIN.
- 4) CONNECT TO EXISTING WASTE LINE AS INDICATED. VERIFY FALL, FLOW DIRECTION AND CONNECTING INVERTS.

**LEGEND**

- ⊕ EXISTING
- ⊖ NEW
- ⊖ RELOCATED
- ⊖ DEMOLISHED
- FS FLOOR SINK
- HS HAND SINK
- FD FLOOR DRAIN
- HD HUB DRAIN
- ▨ PIPING TO BE REMOVED
- POINT OF DISCONNECTION
- ⊕ POINT OF CONNECTION
- ⊗ KITCHEN EQUIPMENT TAG

**2. SHEET NOTES**

- 1. COORDINATE INSTALLATION OF SANITARY PIPING WITH FOOTINGS IN THE FIELD. BELIEVE PENETRATIONS IN FOOTINGS WITH PVC.
- 2. WHERE REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION, PROVIDE SAFE-WASTE SYSTEM AS OUTLINED IN STATE AND LOCAL CODE AMENDMENTS.
- 3. ALL VENT PIPING TO BE 1/2" DIAMETER UNO. SEE VPSJ FOR VENT LAYOUT.

**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 CONTRACTOR 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.

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BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.







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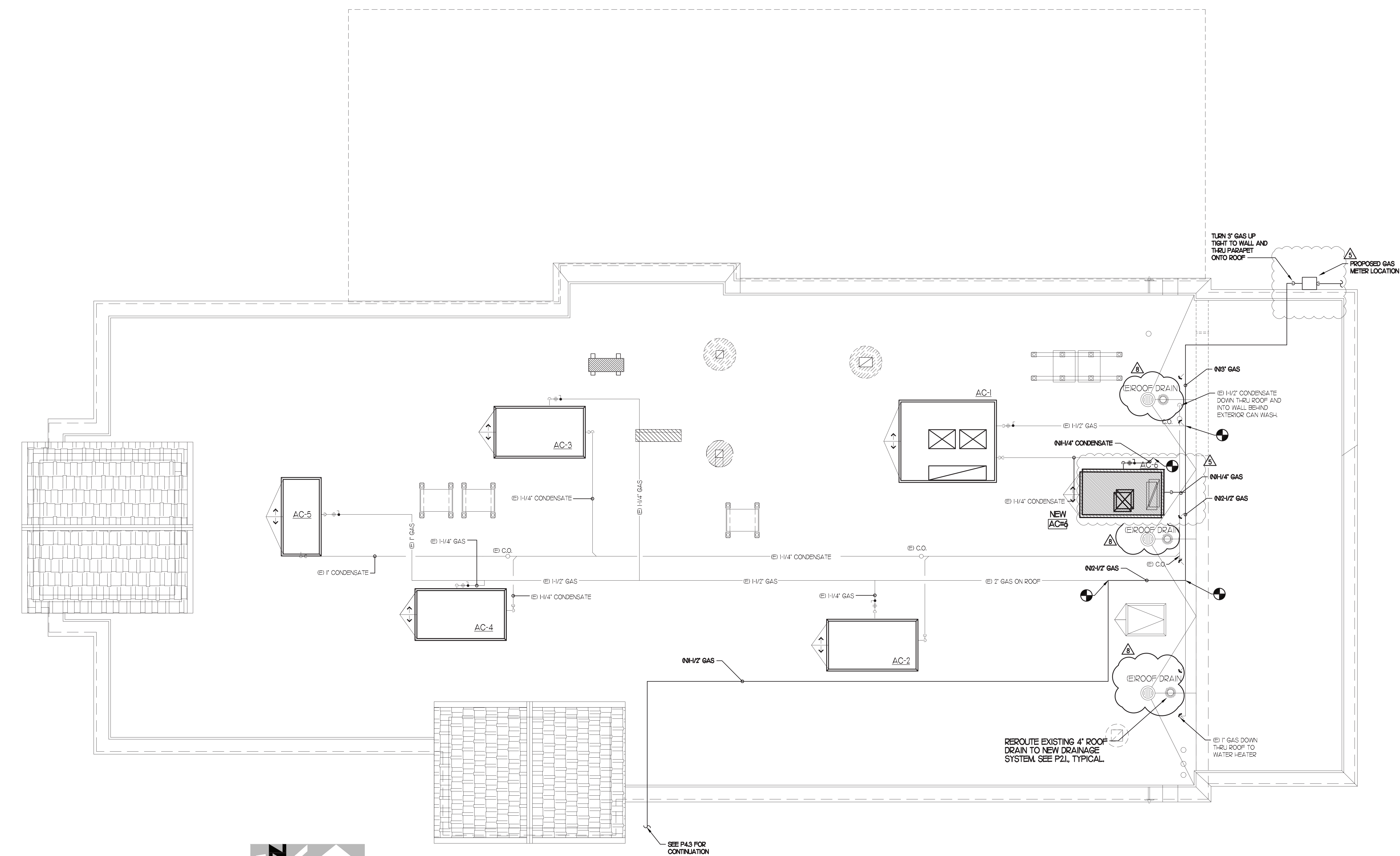
NO.	DATE	DESCRIPTION
01	06/21/2022	KITCHEN UPDATES
05	09/28/2022	OWNER REVISION
08	10/20/2022	INTERNAL COORDINATION

CONSULTANT PROJECT # 2021.0087  
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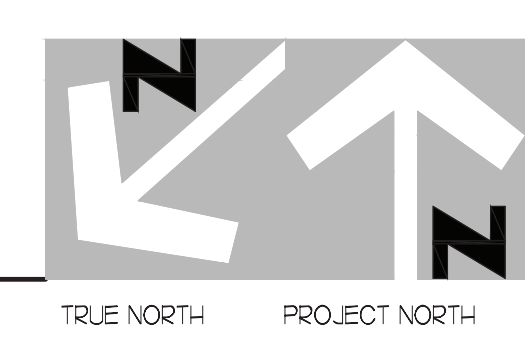
SHEET ROOF PIPING PLAN

SHEET NUMBER



**1 ROOF PIPING PLAN**

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



**PIPING LEGEND**

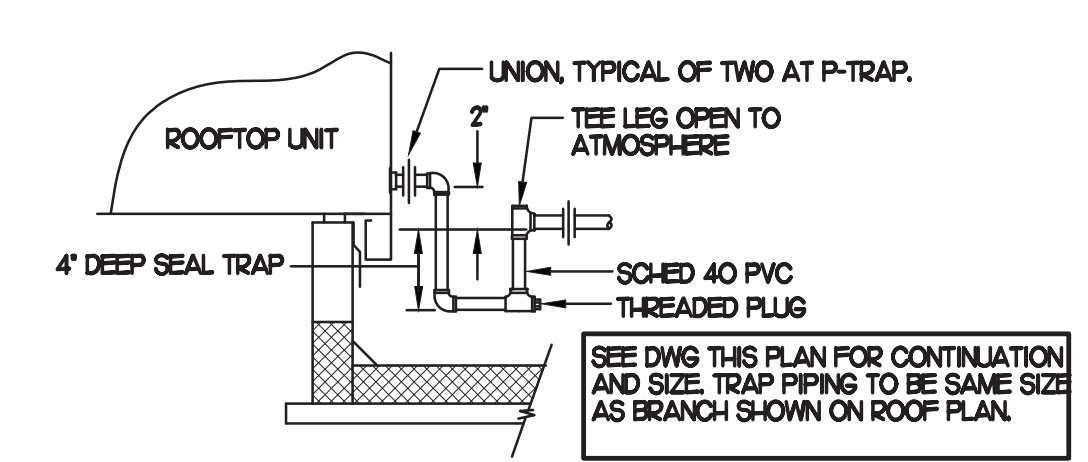
⊖	EXISTING
⊕	NEW
—	NEW PIPING
- - -	EXISTING PIPING
- - -	BELOW GRADE (B/G) PIPING

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-1.8 FOR ROOFTOP PIPE PENETRATIONS.

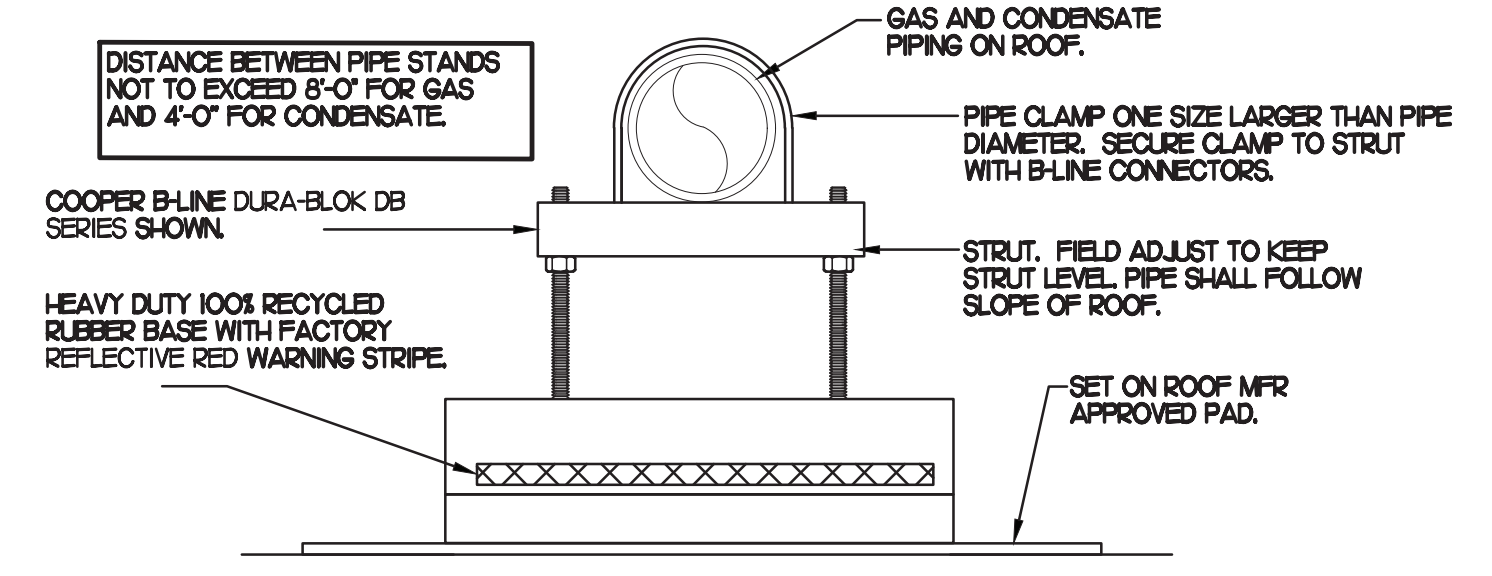
CONDENSATE PIPING SHALL BE SCHEDULE 40 PVC.



**2 CONDENSATE DRAIN PIPING**

NO SCALE

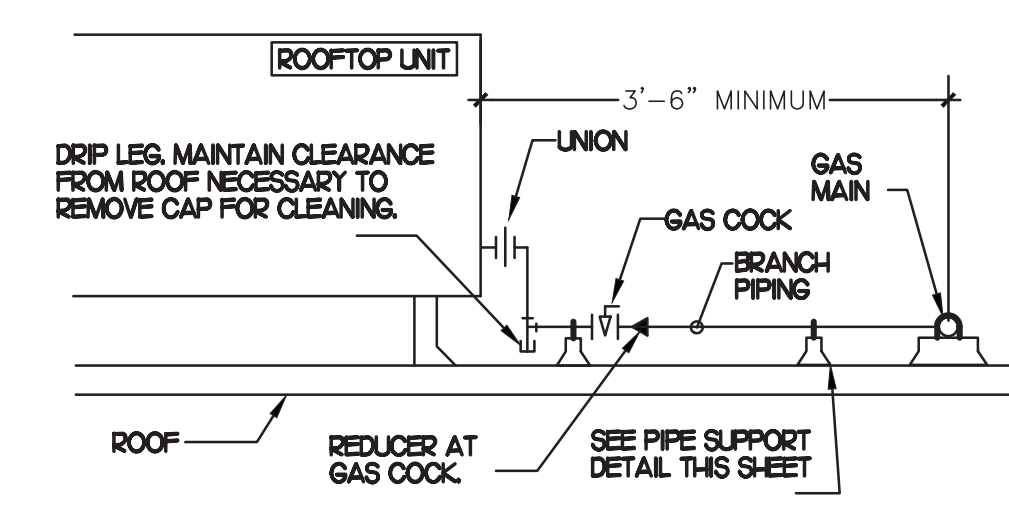
- NOTES**
- NON ADJUSTABLE MODEL DB610 PIPE STAND TO BE USED FOR NON-ELEVATED PIPING INSTALLED FLAT ON ROOF DECK.
  - PROVIDE MODEL DBE 10-8 OR DBE 10-12 OR DBE 10-16 AS NEEDED FOR ELEVATING CONDENSATE PIPING TO MAINTAIN PROPER SLOPE AND FOR GAS PIPING CROSSING OVER CONDENSATE PIPING.
  - ENSURE GAS 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 CONTRACTORS 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
EXISTING AC#1	480,000 BTUS
EXISTING AC#2	260,000 BTUS
EXISTING AC#3	235,000 BTUS
EXISTING AC#4	235,000 BTUS
EXISTING AC#5	125,000 BTUS
NEW AC#6	65,000 BTUS
EXISTING WATER HEATER	76,000 BTUS
(6) NEW HEATERS	300,000 BTUS
<b>TOTAL CONNECTED LOAD</b>	<b>1,776,000 BTUS</b>

REMARKS:

- EQUIVALENT TO 1.760 CFH @ PRESSURE DROP 0.5 IN. W.C. W/ DEVELOP LENGTH OF 175 FT
- MINIMUM 7\"/>





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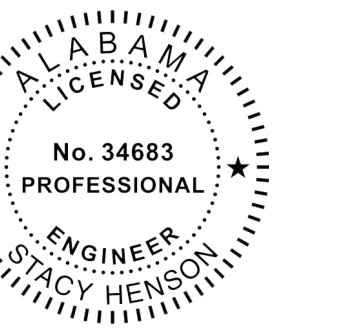
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SHEET F2F GAS PIPING PLAN

SHEET NUMBER

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NO SCALE

NO SCALE

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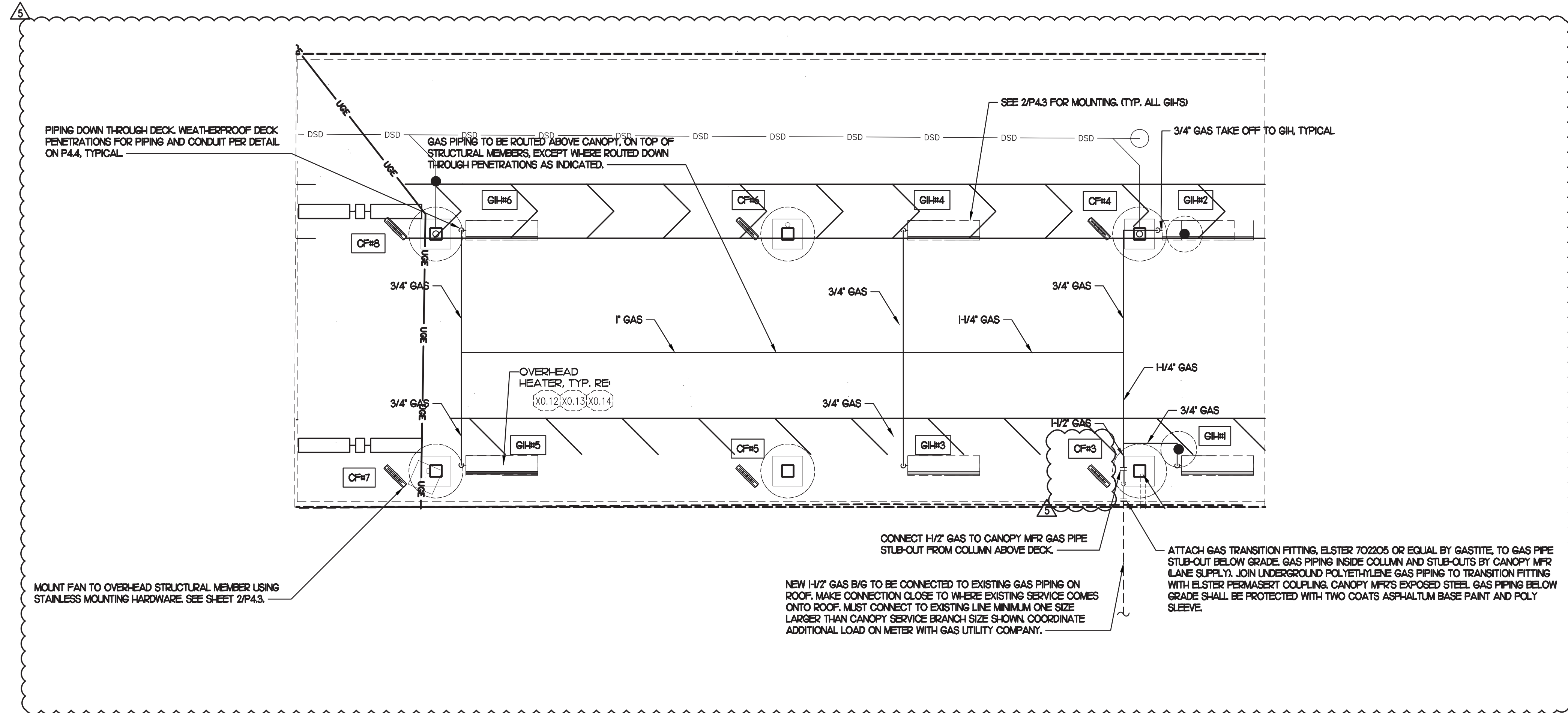
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NO SCALE



**TIER 3 DOUBLE LANE ORDER CANOPY**

1/4" = 1'-0"



**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. USE ANTI-CORROSION PAINT AND COORDINATE WITH CFA CONSTRUCTION MANAGER.

**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.

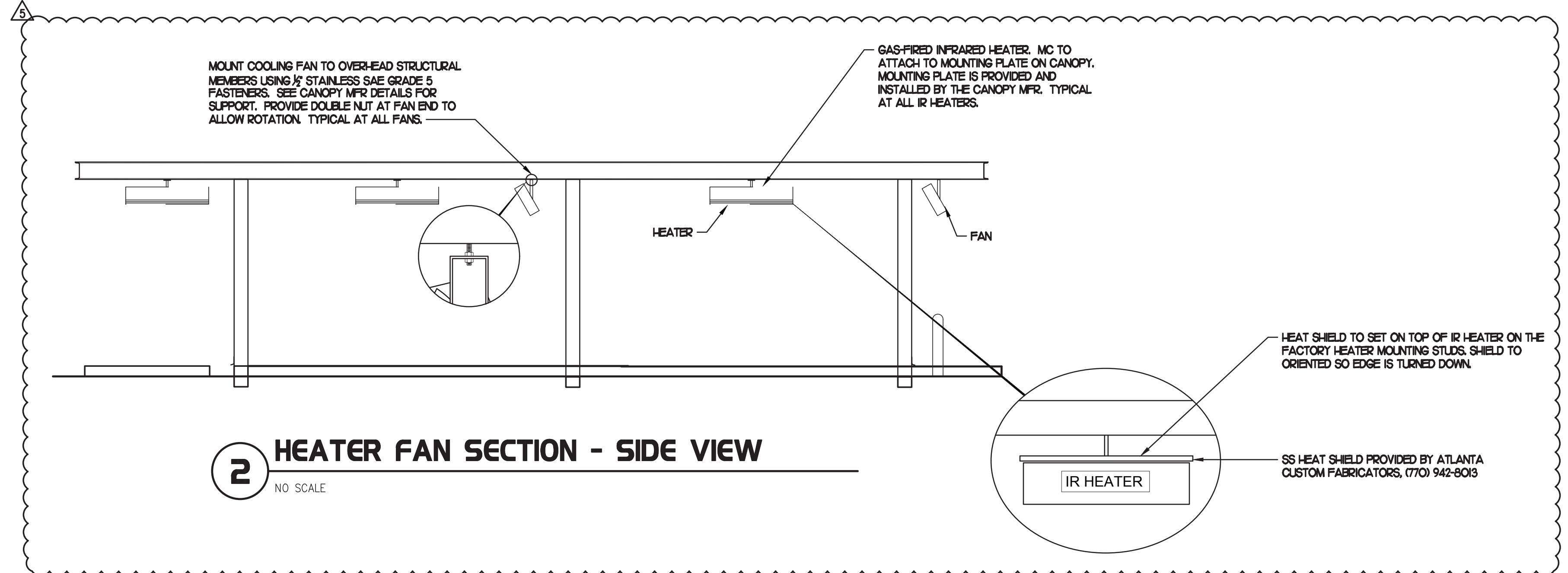
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**NATIONAL ACCOUNTS**

- 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.
- COOK 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.

LEGEND	
CF#1	CIRCULATING FAN #1 (TYP)
GH#1	GAS INFRARED HEATER #1 (TYP)
---	NEW GAS PIPING ABOVE GRADE
---	NEW GAS PIPING BELOW GRADE
B/G	BELOW GRADE
EC	ELECTRICAL CONTRACTOR
MC	MECHANICAL CONTRACTOR



**2 HEATER FAN SECTION - SIDE VIEW**

NO SCALE

**P4.3**

GAS CONNECTION SCHEDULE	
EQUIPMENT	GAS LOAD
EXISTING AC#1	480,000 BTU/S
EXISTING AC#2	260,000 BTU/S
EXISTING AC#3	235,000 BTU/S
EXISTING AC#4	235,000 BTU/S
EXISTING AC#5	125,000 BTU/S
NEW AC#6	65,000 BTU/S
EXISTING WATER HEATER	70,000 BTU/S
NEW GAS HEATERS (6)	(6) 50,000 BTU/S
TOTAL CONNECTED LOAD	1,776,000 BTU/S
REMARKS:	1. EQUIVALENT TO 1,776 CFH @ pressure drop 0.5 IN. W.C. W/ DEVELOP LENGTH OF 175 FT (METER TO GPM#6) 2. 7" w.g. DELIVERY PRESSURE. 3. VERIFY GAS LOAD OF EXISTING EQUIPMENT.

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	
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.	

GAS FIRED INFRARED HEATER SCHEDULE							
MARK	INPUT (MBH)	FRAME SIZE			MOUNTING TYPE	MODEL	MANUFACTURER
		LENGTH	WIDTH	DEPTH			
GH	50.0	48"	13"	10"	BRACKET	2352-NG	SCHWANK

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.
- PROVIDE HEAT SHIELD ABOVE EACH HEATER AT THE BOTTOM OF THE BRACKET.

ELECTRIC HEATER SCHEDULE								
MARK	OUTPUT (KW)	FRAME SIZE			MOUNTING TYPE	MODEL	MANUFACTURER	VOLTAGE
		LENGTH	WIDTH	DEPTH				
EH	5.4-5.9	8-1/2"	56"	3-1/2"	BRACKET	BH04200-35(33)	BROMIC	208V(230-240V) / 60Hz / 28.4A(25A)

REMARKS:

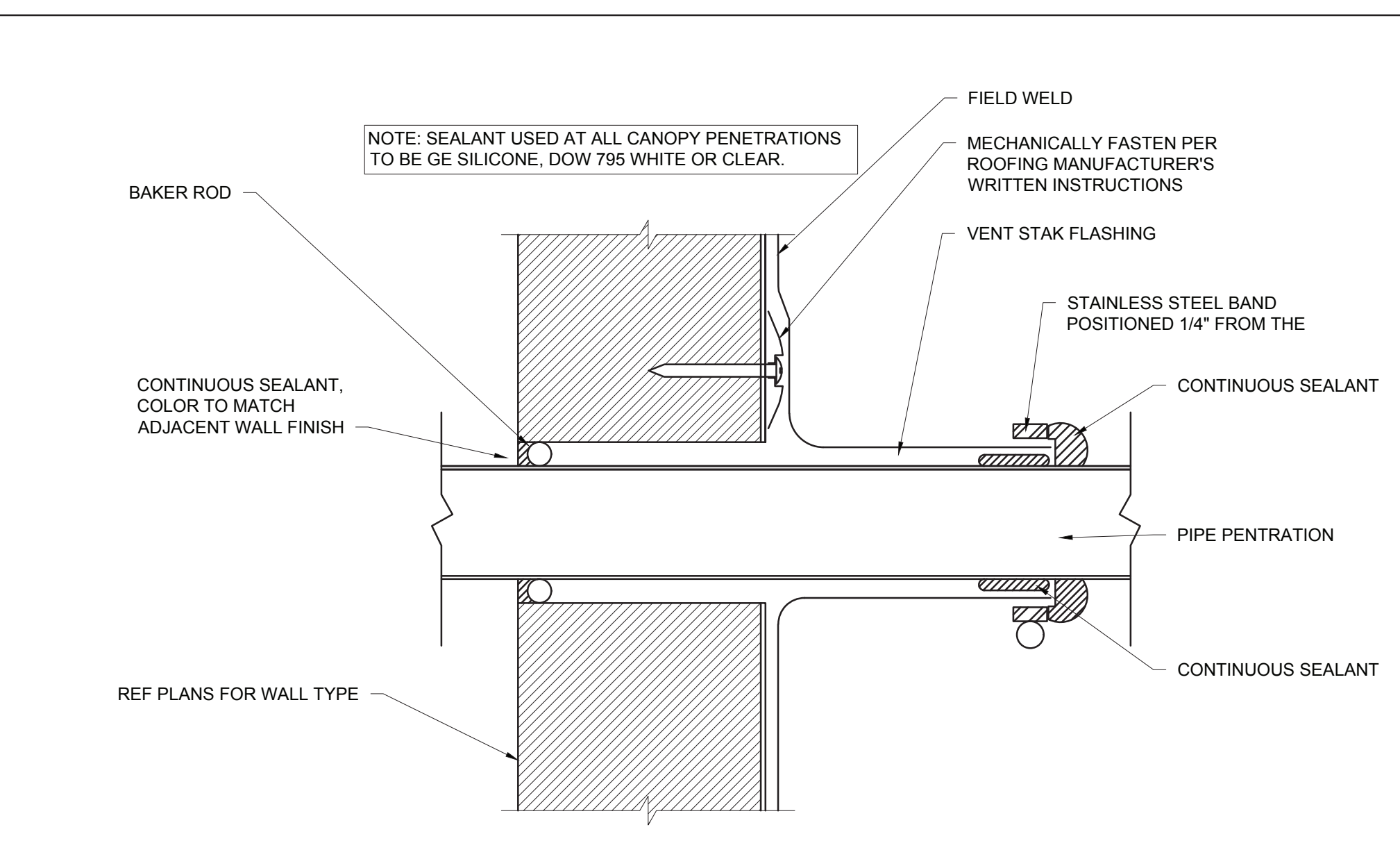
- PROVIDE ROTARY TIMER SWITCH (TORK#C502H-2 HOUR MAX) TO BE MOUNTED INSIDE DRIVE-THRU AREA NEXT TO DRIVE-THRU DOOR. LABEL SWITCH FOR OUTSIDE HEATER.
- BLACK HIGH TEMPERATURE COATING
- PROVIDE ENGRAVED PLASTIC LABEL AT EACH UNIT WITH UNIT DESIGNATION IN 1" HIGH WHITE LETTERS ON A BLACK BACKGROUND. MOUNT TO CANOPY DECK, FACING DOWNWARD, 12" LATERALLY FROM THE SIDE OF THE HEATER.
- MOUNTING BRACKET TO BE PROVIDED BY MANUFACTURER AND INSTALLED BY CONTRACTOR. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATION
- PROVIDE 2-POLE 40-AMP BREAKER IN A PANEL WITH AVAILABLE CAPACITY.

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

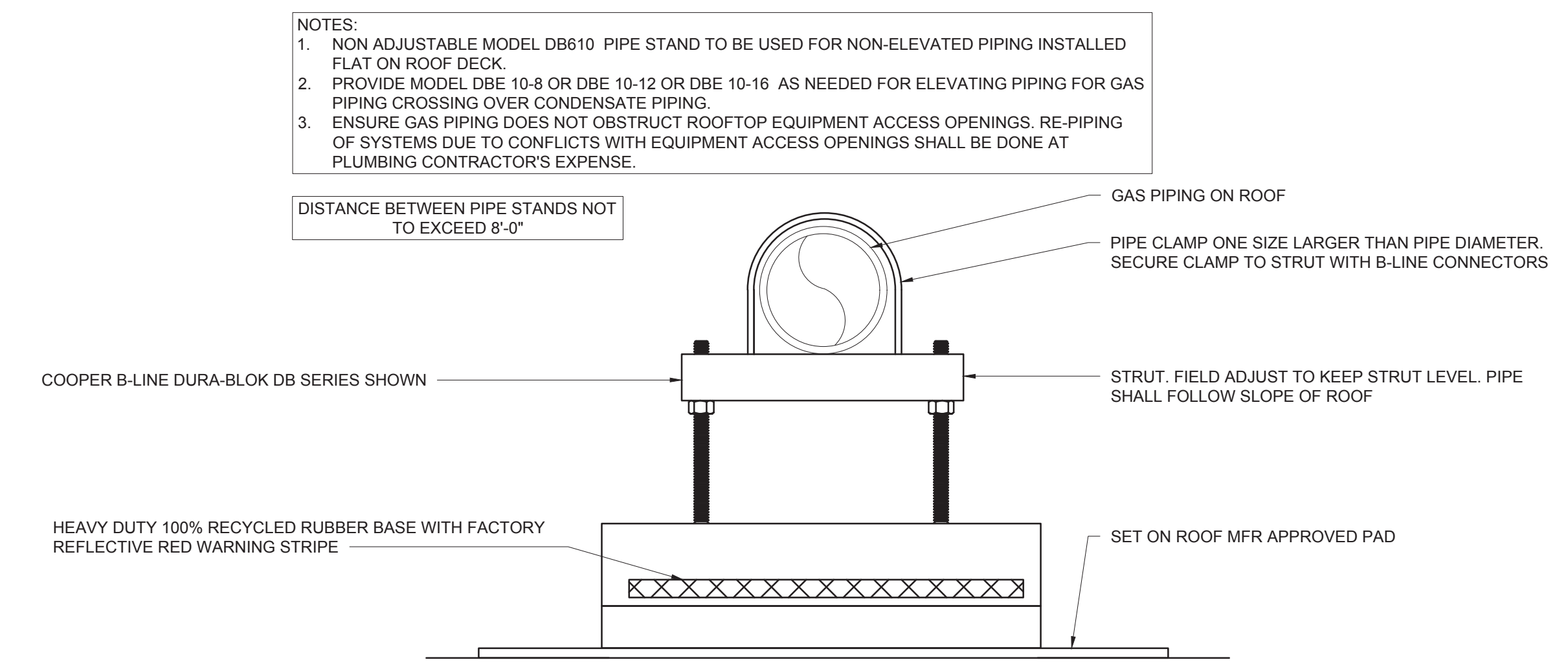
REMARKS:

- 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 3/M2.1 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.

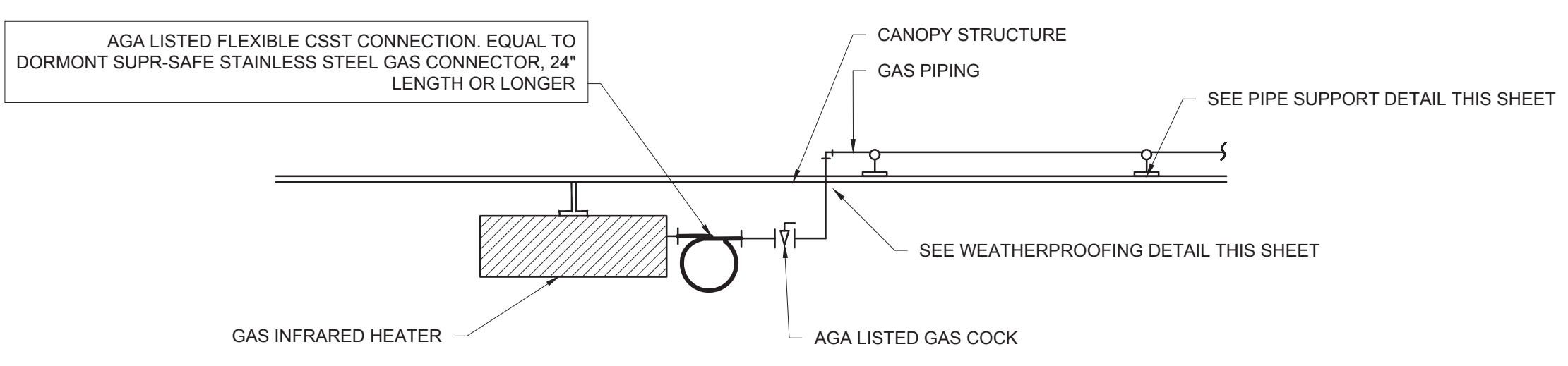
**NOTE:**  
CONTRACTOR TO VERIFY EXISTING GAS SYSTEM CAN HANDLE NEW GAS LOAD. RESIZE AND INSTALL NEW GAS PIPING AS REQUIRED IF EXISTING GAS PIPING IS UNDERSIZED FOR NEW GAS LOAD AND PIPE LENGTH. FIELD VERIFY EXACT CONDITIONS PRIOR TO BID.



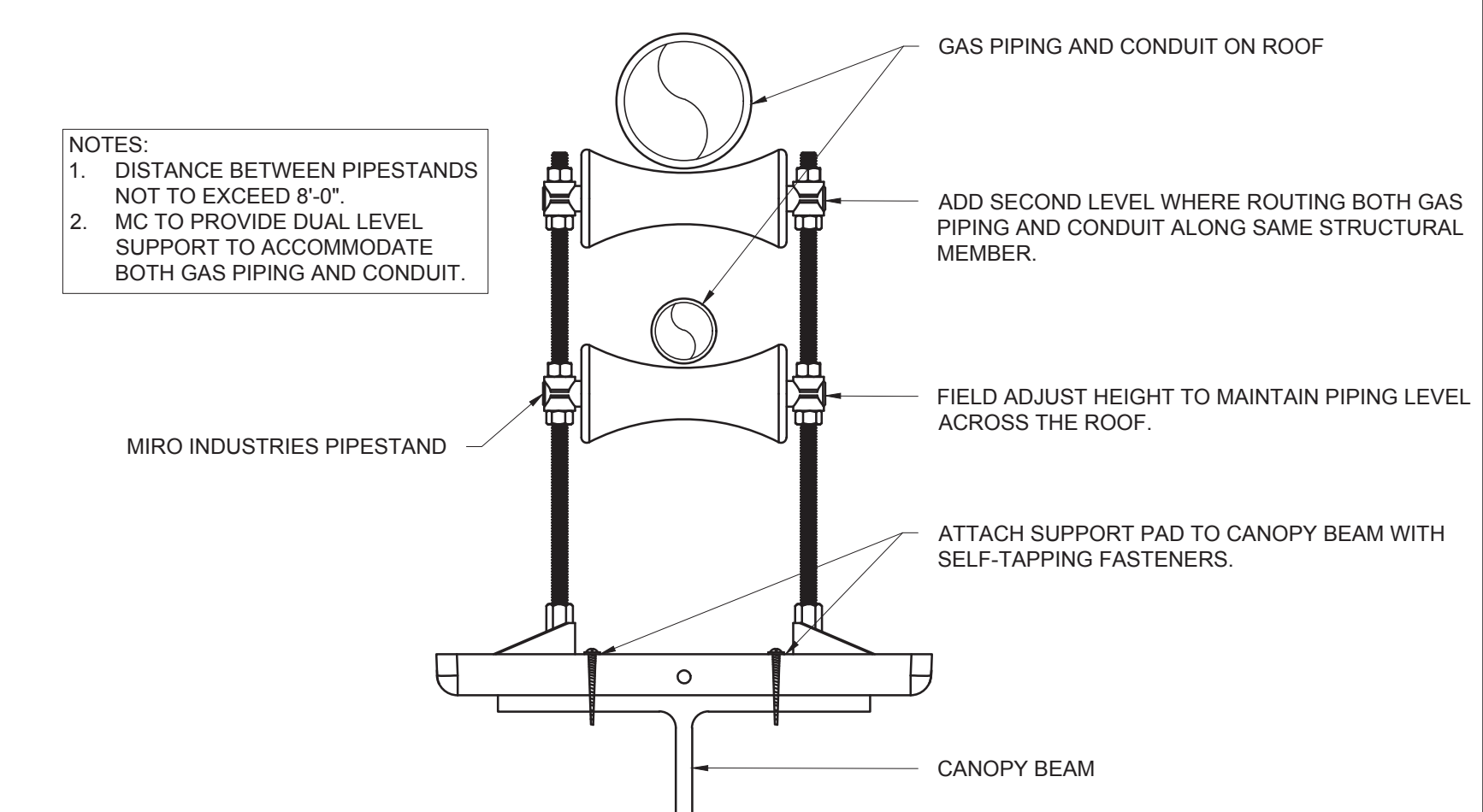
**PARAPET PENETRATION DETAIL**  
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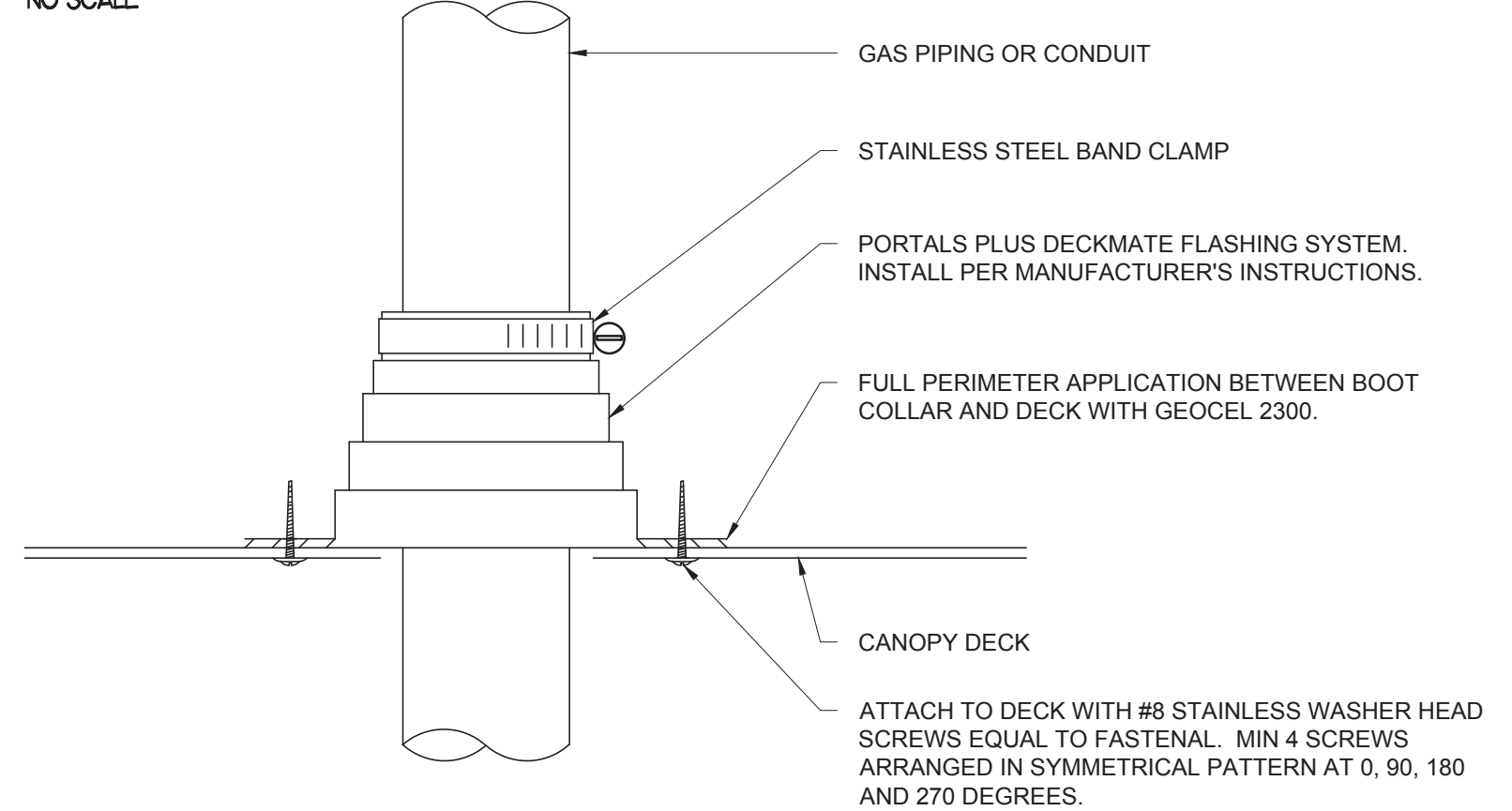
**PIPING SUPPORT ON MAIN BUILDING ROOF**  
NO SCALE



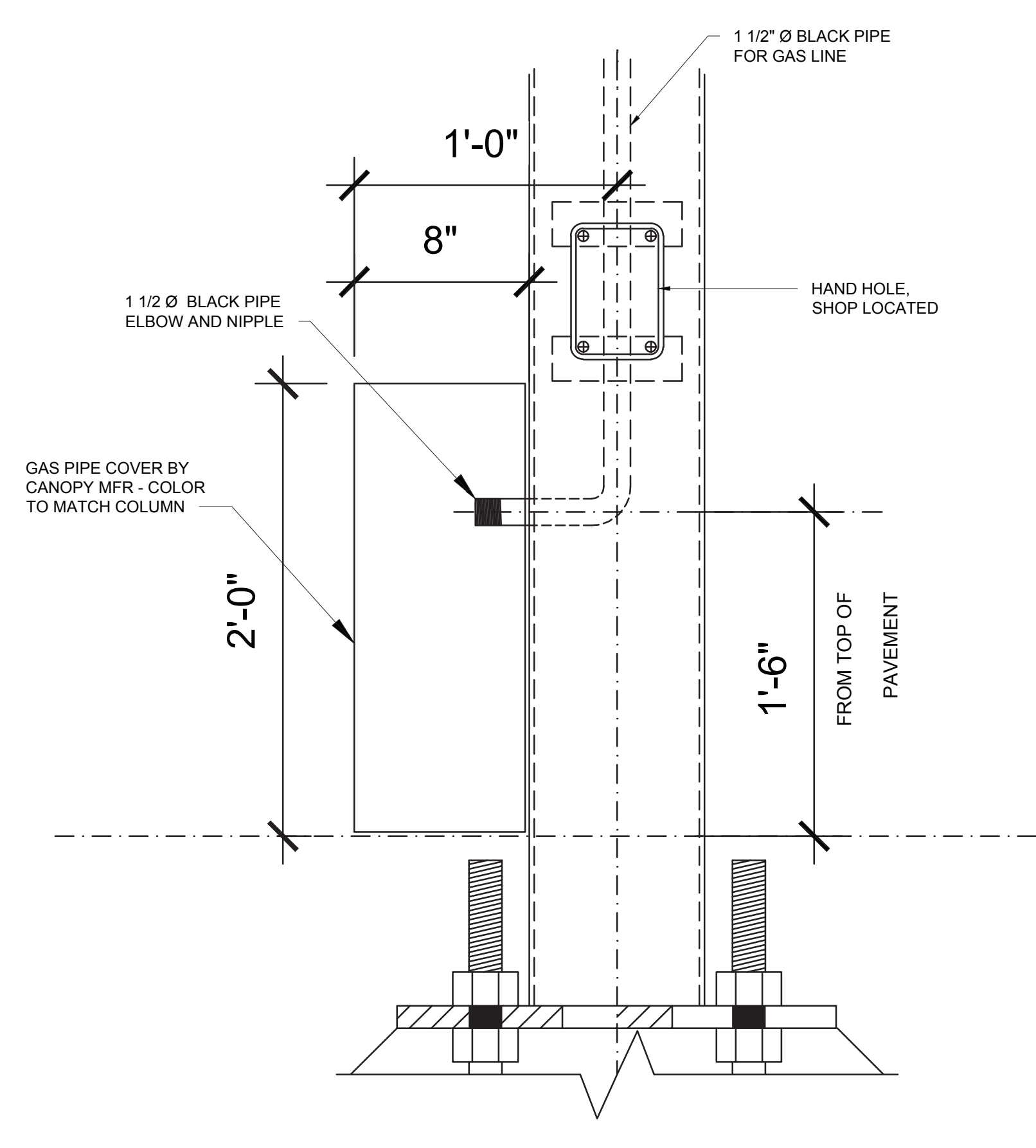
**GAS CONNECTION AT APPLIANCE**  
NO SCALE



**PIPING SUPPORT ON CANOPY**  
NO SCALE



**WEATHER PROOFING AT CANOPY PENETRATION**  
NO SCALE



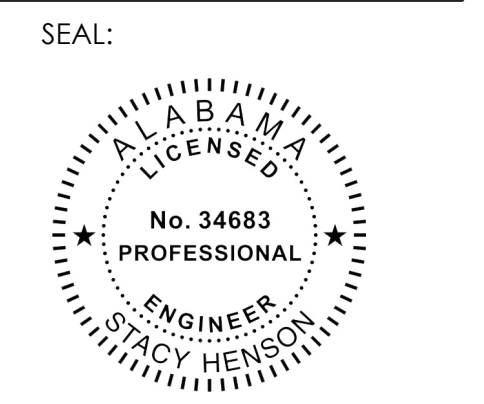
**COLUMN GAS PIPE COVER**  
NO SCALE



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CANOPY DETAILS	
SHEET NUMBER	
P4.4	



4

3

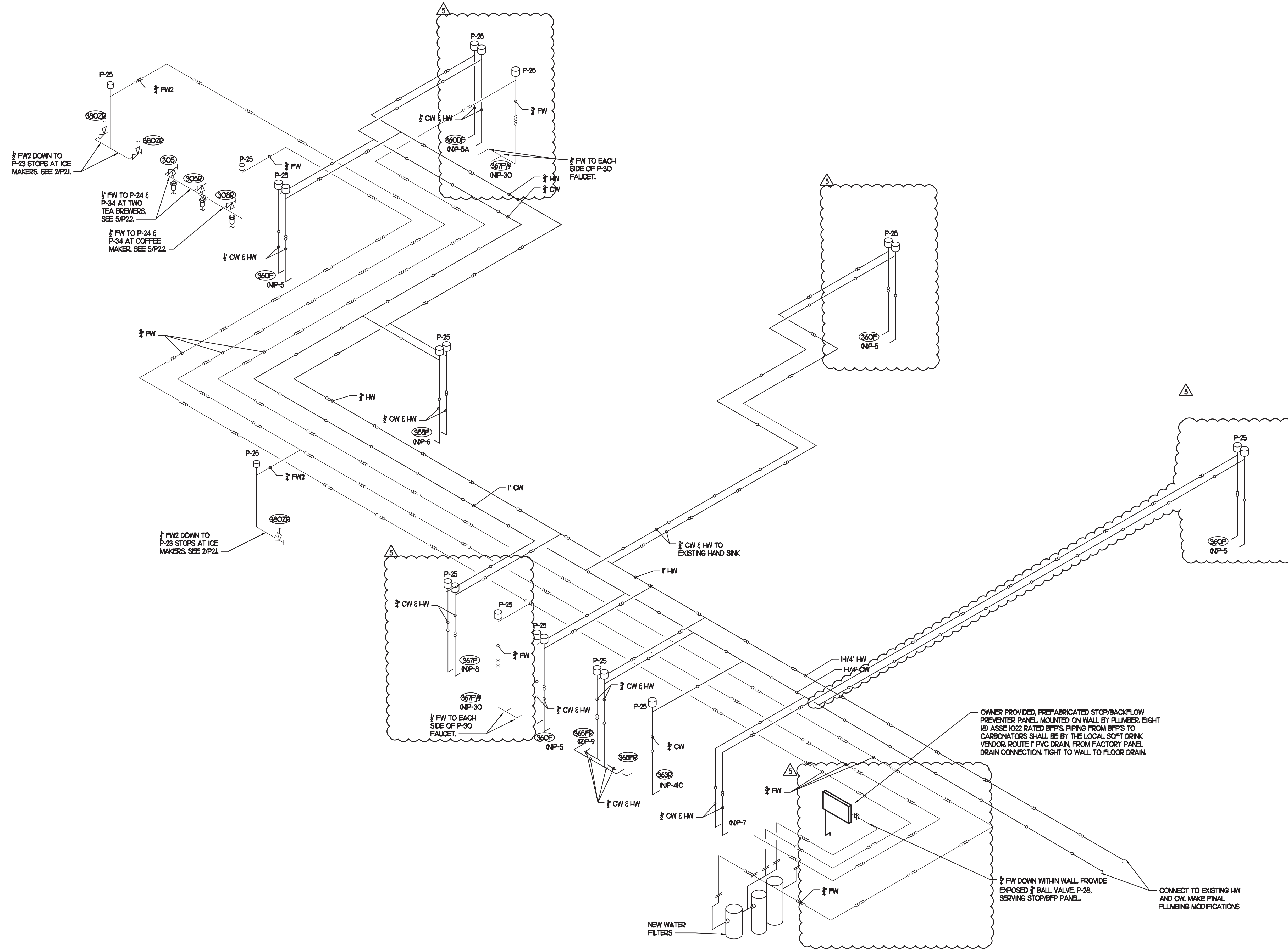
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1

**PIPING LEGEND**

	CW - COLD WATER
	HW - HOT WATER
	TW - TEMPERED WATER
	FW - FILTERED WATER, TO P-30, CARBONATORS, COFFEE, AND TEA
	FW2 - FILTERED WATER, TO ICE MAKERS
	EXISTING PIPING

KITCHEN EQUIPMENT NO. SEE KITCHEN EQUIPMENT SCHEDULE FOR EQUIPMENT DESCRIPTIONS.



**1 WATER RISER DIAGRAM**  
NO SCALE



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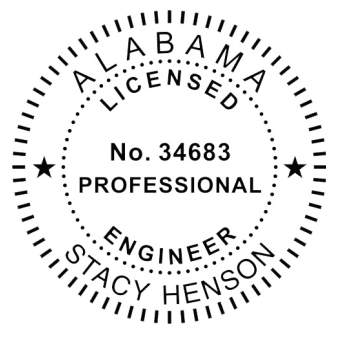
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SHEET WATER RISER DIAGRAM

SHEET NUMBER

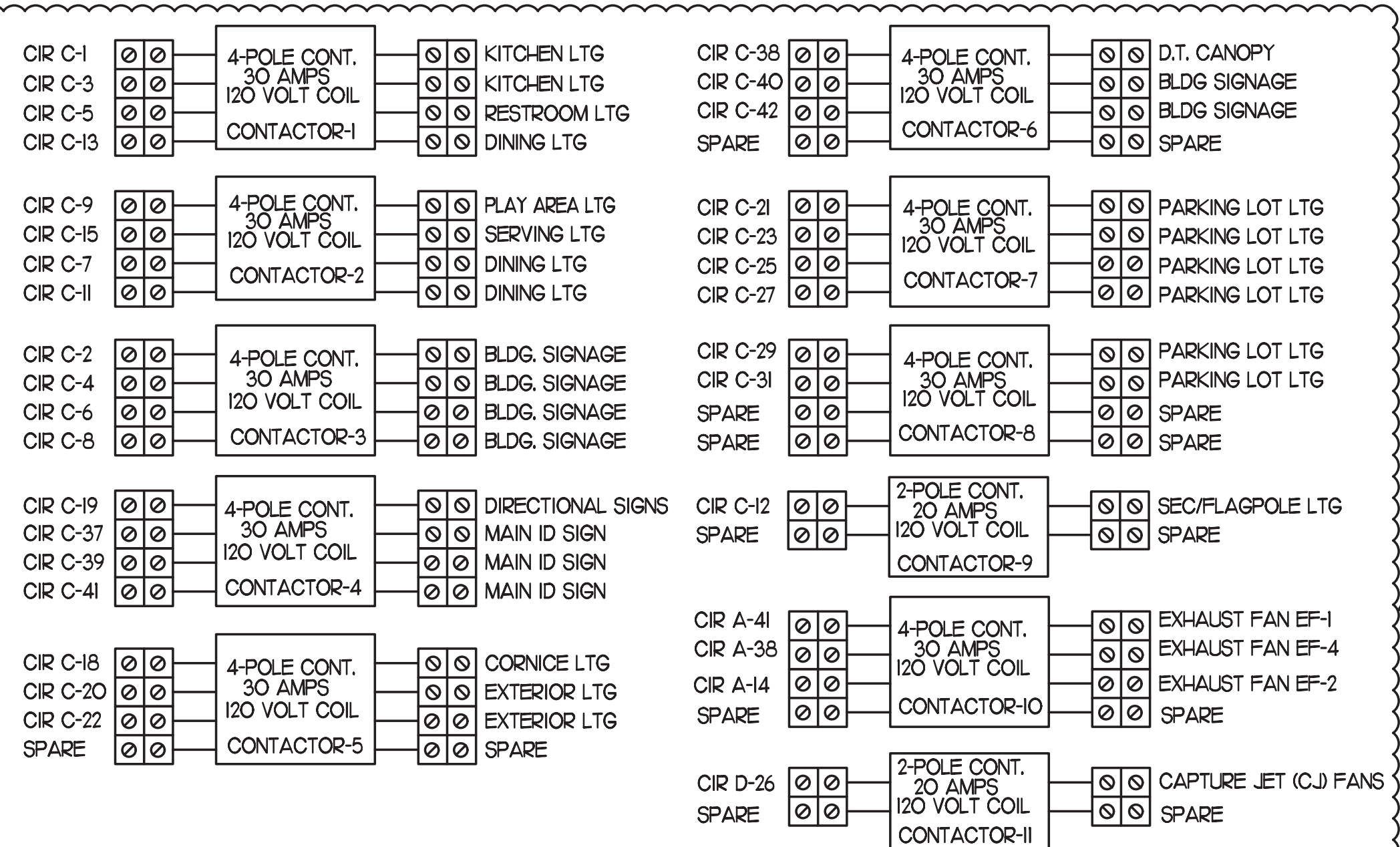
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**P5.2**



LIGHTING FIXTURE (LUMINAIRE) SCHEDULE - CHICK-FIL-A								
MARK	MANUFACTURER	CATALOG NUMBER	NO. LAMPS/TYPE	STL LAMP NO.	WATTS	VOLTS	MOUNTING	REMARKS
A	LITHONIA	2GTL-472L-A12125V-E21-LP840	INTEGRAL WITH FIXTURE	-	52.3	120	RECESSED	2'X4' STATIC LED TROFFER RATED 7200 LUMENS, 4000K COLOR TEMP
AE	LITHONIA	2GTL-472L-A12125V-E21-LP840-EL14L	INTEGRAL WITH FIXTURE	-	52.3	120	RECESSED	SAME AS 'A' WITH EMERGENCY BATTERY PACK. SEE PLAN NOTES ABOUT LAMP SWITCHING
A2	LITHONIA	2RTBS-217-MNLT-BSNP	2-F017W T8 (24")	22491	34	120	RECESSED	2'X2' STATIC TROFFER, SMOOTH SIDE OF PRISMATIC LENS DOWN.
A3	LITHONIA	2PM3NGB-2-17-9-LD-MVOLT-GE10IS	2-F017W T8 (24")	-	34	120	RECESSED	2'X2' STATIC TROFFER, SMOOTH SIDE OF PRISMATIC LENS DOWN.
A3E	LITHONIA	2PM3NGB-2-17-9-LD-MVOLT-GE10IS-EL14	2-F017W T8 (24")	-	34	120	RECESSED	SAME AS 'A3' WITH EMERGENCY BATTERY PACK. SEE PLAN NOTES ABOUT LAMP SWITCHING
B1	METALUX	2V13-LD5-UNV-L840-CD1-SSL-U	INTEGRAL WITH FIXTURE	-	35	120	SURFACE	MOUNT LIGHT TO BTM OF OVERHEAD WIRE SHELVING & PROVIDE CORD & PLUG
B3	CON-TECH	UF228-P WITH PLUG & CORSET	1-FP28/835/ECO	20901	31	120	SURFACE	REFER TO SHEET E2.4, KEYNOTE #11, FOR ADDITIONAL INFORMATION.
D1	LITHONIA	REAL606/MM/1000L/30K/955C-LP6LN	FURNISHED	-	14.2	120	RECESSED	LED DOWNLIGHT WITH WHITE TRIM
D2	LITHONIA	REAL606/BZ/1000L/30K/955C-LP6LN	FURNISHED	-	14.2	120	RECESSED	LED DOWNLIGHT WITH BRONZE TRIM - USED ONLY IN WOOD OR COLORED CLOS
D3	LITHONIA	LDN6-30/20-L06AR-LSS-MVOLT	FURNISHED	-	22.6	120	RECESSED	LED DOWNLIGHT WITH BRONZE TRIM - USED ONLY IN WOOD OR COLORED CLOS
D3E	LITHONIA	LDN6-30/20-L06AR-LSS-MVOLT-EL	FURNISHED	-	22.6	120	RECESSED	LED DOWNLIGHT WITH BRONZE TRIM - USED ONLY IN WOOD OR COLORED CLOS
D	LITHONIA	2RTL4-48L-E21-LP830DGA24	LED	-	48	120	RECESSED	2'X4' VOLUMETRIC RECESSED LIGHTING SYSTEM WITH DRYWALL GRID ADAPTER
DE	LITHONIA	2RTL4-48L-E21-LP830DGA24	LED	-	48	120	RECESSED	SAME AS 'D' WITH EMERGENCY BATTERY PACK. SEE PLAN NOTES ABOUT LAMP SWITCHING
F	MEYDA	162165	LED	-	8.5	120	SURFACE	EGG LIGHT ABOVE SERVING COUNTER
G	LITHONIA	C-132-AL-MVOLT-OS10IS	1-F028/835/XP/SS/ECO	22178	25	120	SURFACE	STRIP FLUORESCENT WITH LOW TEMP BALLAST, MOUNT WITHIN AWNING ON FRAME
G1	LITHONIA	C-232-AL-MVOLT-OS10IS-WGCUN	2-F028/835/XP/SS/ECO	22178	50	120	WALL	STRIP FLUORESCENT WITH LOW TEMP BALLAST AND WIREGUARD, MTD ABOVE DOOR FRAME
J	LITHONIA	CA-132-MVOLT-OS10IS	1-F028/835/XP/SS/ECO	22178	25	120	WALL	MOUNT ABOVE DOOR FRAME
J1	LITHONIA	Z-132-MVOLT-OS10IS	1-F028/835/XP/SS/ECO	22178	32	120	COVE	MOUNT IN MENUBOARD COVE AND PROVIDE TUBE GUARDS ON LAMPS
J2	LITHONIA	AV-6232-MDR-ASY-MVOLT-OS10IS	2-F028/835/XP/SS/ECO	22178	50	120	RECESSED	1'X4' ASYMMETRIC WITH LIGHT DIRECTED TOWARDS THE CENTER OF THE ROOM
K2	JUNO / INDY	MS302-WH/HB-28/75621/HB-28 142776	LED	PHILLIPS	28	120	RECESSED	WHITE HOUSING 2 LAMP MULTI-SPOT WITH LED RETROFIT LAMPS, AIM AS DIRECTED
K4	JUNO / INDY	MS302-BL/HB-28/75621/MS5708L	2-12PAR30S/END/722/2TK	PHILLIPS	24	120	RECESSED	SAME AS K2 WITH BLACK HOUSING - USED ONLY IN WOOD OR COLORED CLOS
L	LITHONIA	VSL-232-MVOLT-DL-OS10IS	2-F028/835/XP/SS/ECO	22178	50	120	SURFACE	LOW PROFILE DAMP LOCATION FLUORESCENT.
MS	LEVITON	PS110-10W	N/A	-	4	120	WALL	MOTION SENSOR ON FLUSH BACKBOX, PROVIDE COVERPLATE W/ CENTER THREADED KNOCKOUT
M	LITHONIA	2GT8-G-232-A12V-MVOLT-OS10ISH	2-F028/835/XP/SS/ECO	22178	50	120	RECESSED	SAME AS 'A' EXCEPT WITH TWO LAMPS. SEE PLAN NOTES ABOUT LAMP SWITCHING.
ME	LITHONIA	2GT8-G-232-A12V-MVOLT-OS10ISH-EL	2-F028/835/XP/SS/ECO	22178	50	120	RECESSED	SAME AS 'A' EXCEPT WITH TWO LAMPS. SEE PLAN NOTES ABOUT LAMP SWITCHING.
N	MINKA	4531-2678	1-CF19EL/MINI-TWIST/2700	29396	19	120	WALL	"COW BELL" LAVATORY WALL SCIENCE WITH SHADE POINTED DOWN
P1	MEYDA	142776	2-CF19EL/MINI-TWIST/2700	29396	38	120	PENDANT	PEACH BASKET PENDANT WITH BTM AT 6'-6" AFF ABV TABLE, 7'-6" OTHERWISE
Q	TROY	KF14856-1	FURNISHED	-	43	120	PENDANT	CUSTOM 48"X12"X12" COCA-COLA BOTTLE PENDANT, BTM AT 6'-3" AFF
R	LITHONIA	2RTL4-48L-E21-LP830	LED	-	48	120	RECESSED	2'X4' VOLUMETRIC RECESSED LIGHTING
RE	LITHONIA	2RTL4-48L-E21-EL14L-LP830	LED	-	48	120	RECESSED	SAME AS R WITH EMERGENCY BATTERY PACK
S	LITHONIA	RTL2-33L-E21-LP830	LED	-	33	120	RECESSED	2'X2' VOLUMETRIC RECESSED LIGHTING
SE	LITHONIA	RTL2-33L-E21-EL14L-LP830	LED	-	33	120	RECESSED	SAME AS S WITH EMERGENCY BATTERY PACK
U	BESA LIGHTING	BES00298-060	FURNISHED	-	7.5	120	PENDANT	RED FRIT GLASS, BRONZE CABLE & CANOPY, 6'-6" AFF
CON-TECH	LA-17A-P	N/A	-	-	-	120	TRACK	PENDANT ADAPTER FOR CON-TECH 'LT SERIES' LIGHTING TRACK
U1	CON-TECH	LT-4 OR 8-P TRACK, LA9 END FEED, LA2 MINI-CONNECTORS AND LA-17A-P PENDANT ADAPTORS	-	-	-	120	CEILING	LIGHTING TRACK WITH ACCESSORIES AS REQ'D, LENGTH AS NOTED
V	VISUAL COMFORT	SL2923BZ	1-LED8A19/DIM/O/827	78935	8	120	WALL	BOSTON LIBRARY LIGHT WITH RETROFIT LED LAMP, MOUNT BACKBOX AT 86" AFF
XA	LITHONIA	LHQW-S-W-1-R-120	INTEGRAL WITH FIXTURE	-	4	120	WALL	EXIT SIGN WITH BATTERY PACK AND TWO INTEGRAL ADJUSTABLE LAMPHEADS
XB	CHLORIDE	CAX6	INTEGRAL WITH FIXTURE	-	3	120	CEILING	WHITE THERMOPLASTIC BATTERY PACK UNIT WITH TWO LAMPHEADS
XC	LITHONIA	AFN-BN-EXT (TWO LAMP UNIT)	INTEGRAL WITH FIXTURE	-	21	120	WALL	EXTERIOR WALL MOUNTED EMERGENCY LIGHTING UNIT, LOCATE NEAR EGRESS DOOR
OB	LUMUX	SL5635S-PL26-120	1-CFR26W/GX240/827	20767	31	120	SEMI-REC	7 INCH DIAMETER TEMPERED FROSTED LENS WITH STAINLESS STEEL GRID & POLYMER HOUSING
OC	LITHONIA	TFR-400M-TA-TB-SCWA-IS-LPI	1-M400/PS/U	64321	456	120	PIPE	FLOODLIGHT MTD ON ROOF ON 2" PIPE SUPPORT (BY OTHERS) AND AIMED AT FLAG AFTER DARK
OD	LITHONIA	DSX0-LED-400-1000-40K SERIES (DISTRIBUTION TYPES TO BE DETERMINED BY THE REGIONAL TEAM SPECIFIC TO THE SITE.)	FURNISHED	-	138	120	POLE	COORDINATE WITH THE SPECIFIC SITE CONDITIONS FOR DISTRIBUTION TYPE(S) AND POLE STYLE & HEIGHT. REFER TO THE ELECTRICAL SITE PLAN FOR FURTHER INFORMATION.
* OG	REFER TO SHEET ES2.1 (PHOTOMETRIC PLAN) FOR THE SITE SPECIFIC LIGHTING FIXTURE USED IN LIEU OF TYPE OD WHEN REQUIRED.							
OH	LITHONIA	L3LED-T24/40PA-TRM-30K-90CRI	FURNISHED	-	11.2	120	RECESSED	4" OPEN CLEAR DIFFUSER DOWNLIGHT WITH 3000K, 93 CRI, 600LUMEN
OJ	SECURITY LTG	RWSC-72LED-UD-DB-UNV-3K (DARK BRONZE)	FURNISHED	-	25	120	WALL	UP/DOWN DECORATIVE EXTERIOR WALL SCIENCE, SEE ELEVATIONS FOR MOUNTING HEIGHT
OK	LITHONIA	TWA-50M-120-LPI	FURNISHED	-	12.9	120	WALL	CEILING LINE OF FIXTURE AT 8'-0" ABV 0'-0" (FINISH FLOOR LINE)

- NOTES:
- LUMINAIRES UTILIZING DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS THAT CAN BE SERVICED IN PLACE SHALL HAVE A DISCONNECTING MEANS EITHER INTERNAL OR EXTERNAL TO EACH LUMINAIRE PER NEC 410.130(G).
  - THE LIGHTING FIXTURE PACKAGE IS AVAILABLE THROUGH A NATIONAL ACCOUNT PROGRAM. REFER TO SHEET E4.2, SECTION 16500 FOR VENDOR INFORMATION.
  - THE FLUORESCENT BALLAST CATALOG NUMBER INDICATES OSRAM AND ALL LAMP DESIGNATIONS ARE FOR OSRAM/SYLVANIA PER A NATIONAL ACCOUNT AGREEMENT.
  - THE ASTERISK (\*) BESIDE THE FIXTURE MARK IN THE ABOVE SCHEDULE INDICATES THE FIXTURE IS A NON-PROTOTYPICAL LIGHT FIXTURE PER THE CFA NATIONAL HERITAGE PROTOTYPE.



**2 ELECTRICAL LEGEND**

SYMBOL	DESCRIPTION	MTG HT AFF TO CL	SYMBOL	DESCRIPTION	MTG HT AFF TO CL
LIGHTING FIXTURES			MISCELLANEOUS SYMBOLS		
□	SURFACE MTD FLUORESCENT LIGHTING FIXTURE		⊥	GROUND	
⊞	RECESSED FLUORESCENT LIGHTING FIXTURE		Ⓜ	MOTOR	
○	SURFACE MTD FLUORESCENT OR HID LIGHTING FIXTURE		Ⓜ	EXHAUST FAN MOTOR	
⊙	RECESSED FLUORESCENT OR HID LIGHTING FIXTURE		Ⓜ	JUNCTION BOX	
⊙	WALL MOUNTED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE (FLUORESCENT OR HID FIXTURE)	AS NOTED	Ⓜ	CONDUIT AND WIRE MARK NUMBER, REFER TO CONDUCTORS AND CONDUIT SCHEDULE FOR SIZE	
⊙	WALL MOUNTED EXIT SIGN, SHADING INDICATES FACES, PROVIDE WITH CHEVRON DIRECTIONAL ARROWS WHERE INDICATED ON PLANS PROVIDED WITH BATTERY PACK	6" BELOW CEILING TO TOP	Ⓜ	KITCHEN EQUIPMENT MARK NUMBER, REFER TO KITCHEN EQUIPMENT SCHEDULE FOR REQUIREMENTS	
⊙	CEILING MOUNTED EXIT SIGN, SHADING INDICATES FACES, PROVIDE WITH CHEVRON DIRECTIONAL ARROWS WHERE INDICATED ON PLANS PROVIDED WITH BATTERY PACK		Ⓜ	NOTE NUMBER	
⊙	COMBO EXIT WITH TWO LAMPHEADS, SEE LIGHTING FIXTURE SCHEDULE		Ⓜ	HOOD EXTINGUISHING ANSUL PULL STATION	
⊙	WALL MOUNTED EMERGENCY BATTERY PACK LIGHTING FIXTURE	AS NOTED	Ⓜ	SMOKE DETECTORS REMOTE STATUS INDICATOR W/ 1/2" CONDUIT STUB-UP	
⊙	CEILING MOUNTED EMERGENCY BATTERY PACK LIGHTING FIXTURE		Ⓜ	FUS-BUTTON	
⊙	FLUORESCENT STRIP LIGHTING FIXTURE		Ⓜ	BELL, TYPE AS NOTED ON PLANS	
⊙	WALLWASHER STYLE RECESSED DOWNLIGHT, AIM LIGHT TOWARD WALL		Ⓜ	PHOTO-ELECTRIC CELL	
ABBREVIATIONS					
⊙	RECESSED LIGHTING FIXTURE WITH EMERGENCY BATTERY PACK		AFF	ABOVE FINISHED FLOOR	
⊙	PENDANT LIGHTING FIXTURE	AS NOTED	AFG	ABOVE FINISHED GRADE	
⊙	LIGHTING TRACK WITH TRACK HEADS		AHL	AIR HANDLING UNIT	
WIRING DEVICES					
⊙	120 VOLT DUPLEX RECEPTACLE, 20 AMPS LUON	18"	CL	CENTER-LINE	
⊙	120 VOLT DUPLEX AT SPECIAL MOUNTING HEIGHT, 20 AMPS LUON	44" LUON	EF	EXHAUST FAN	
⊙	120 VOLT QUADRAPLEX RECEPTACLE, 20 AMPS LUON	18" LUON	FLA	FULL LOAD AMPS	
⊙	120 VOLT QUADRAPLEX AT SPECIAL MOUNTING HEIGHT, 20 AMPS LUON	44"	GF/GFI	GROUND FAULT CIRCUIT INTERRUPTER	
⊙	120 VOLT SIMPLEX RECEPTACLE, 20 AMPS LUON	18" LUON	END/GRD	GROUND	
⊙	SINGLE SPECIAL PURPOSE RECEPTACLE WITH VOLTS, AMPS, AND PHASE AS NOTED; NEMA CONFIGURATION AS REQUIRED BY EQUIPMENT	18" LUON	HT	HEIGHT	
⊙	RECEPTACLE MOUNTED ON CORO DROP, 120 VOLT, 20 AMP, LUON, OUTLET BOX FLUSH WITH CEILING		IG	ISOLATED GRD, PROVIDE ORANGE DEVICE WHEN ADJACENT TO WIRING DEVICE	
S	SINGLE POLE TOGGLE SWITCH	48"	MOCP	MAXIMUM OVER-CURRENT PROTECTION	
S <sub>2</sub>	DOUBLE POLE TOGGLE SWITCH	48"	MUA	MAKE UP AIR UNIT	
S <sub>3</sub>	THREE WAY TOGGLE SWITCH	48"	NEC	LOCALLY ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70)	
S <sub>M</sub>	MANUAL MOTOR STARTER SWITCH (WP-NEMA 3R)	48"	NL	NIGHT LIGHT (ON 24 HOURS)	
S <sub>P</sub>	SWITCH WITH PILOT LIGHT (ON WHEN SWITCH IS ON)	48"	OC	ON CENTER	
S <sub>K</sub>	KEY OPERATED SWITCH	48"	POS	POINT OF SALE EQUIPMENT	
⊙	CEILING OCCUPANCY SENSOR		RTU	ROOF TOP UNIT	
⊙	WALL OCCUPANCY SENSOR		TL	TWIST-LOCK TYPE DEVICE	
⊙	MJD RING		TR	TAMPER RESISTANT	
⊙	CONDUIT CONCEALED ABOVE CEILING OR IN WALL		LUON	UNLESS OTHERWISE NOTED	
⊙	CIRCUIT HOMERUN TO PANELBOARD WITH MINIMUM 2#12, 1#12G, 3/4"C		WP	WEATHER-PROOF (NEMA 3R)	
⊙	CONDUIT TURNING UP		TELEPHONE		
⊙	CONDUIT TURNING DOWN		⊙	TELEPHONE OUTLET	18" LUON
⊙	CONDUIT CONCEALED IN OR BELOW SLAB (OUTSIDE - UNDERGROUND)		⊙	TELEPHONE OUTLET AT SPECIAL MOUNTING HEIGHT	60" LUON
⊙	FLEXIBLE LIGHT FIXTURE W/HP, SIX FOOT MAXIMUM LENGTH		NOTE: EACH TELEPHONE OUTLET (FLOOR OR WALL MOUNTED) SHALL BE PROVIDED WITH A 3/4" EMPTY CONDUIT, WITH PULL WIRE, TO ACCESSIBLE CEILING SPACE.		
⊙	METAL CLAD CABLE ASSEMBLY - ONLY WHERE INDICATED ON DWGS OR SPECS		CCTV / SECURITY SYSTEM		
⊙	NON-FUSIBLE SAFETY SWITCH, SIZE AND TYPE AS NOTED ON PLANS (LAMP/POLES/ENCLOSURE OR ON SCHEDULE, NEMA 1 ENCLOSURE UNLESS NOTED WP FOR NEMA 3R)	6'-6"	⊙	CLOSED CIRCUIT TELEVISION CAMERA	
⊙	FUSIBLE SAFETY SWITCH, SIZE AND TYPE AS NOTED ON PLANS (LAMP/POLES/ENCLOSURE OR ON SCHEDULE, NEMA 1 ENCLOSURE UNLESS NOTED WP FOR NEMA 3R)	6'-6"	⊙	SECURITY ALARM KEYPAD	
⊙	FLUSH MOUNTED LIGHTING PANELBOARD	6'-6"	⊙	SECURITY ALARM HOLD-UP BUTTON	
⊙	SURFACE MOUNTED LIGHTING PANELBOARD	6'-6"	⊙	SECURITY SYSTEM KEY NOTE	
⊙	TRANSFORMER, PROVIDE SECONDARY GROUNDING PER NEC	6'-6"	NOTES:		
⊙	ENCLOSED CIRCUIT BREAKER, SIZE AND TYPE AS NOTED (LAMP/POLES/ENCLOSURE NEMA 1 ENCLOSURE IF NOT NOTED, WP-NEMA 3R)	6'-6"	FOR ALL CONDUITS: REFER TO PLANS FOR OTHER CONDUITS, REFER TO VENDOR DRAWINGS FOR CONDUIT AND WIRING REQUIREMENTS FOR LOW VOLTAGE SYSTEMS AND CONTROL WIRING.		
MULTIPLE IPH CIRCUITS MAY OCCUPY THE SAME CONDUIT IN ACCORDANCE WITH THE NEC, MAXIMUM OF THREE AND OF DIFFERENT PHASES.					
LOW VOLTAGE AND CONTROL WIRING SHALL BE IN SEPARATE CONDUIT FROM POWER WIRING.					
DISTRIBUTION EQUIPMENT					
⊙	NON-FUSIBLE SAFETY SWITCH, SIZE AND TYPE AS NOTED ON PLANS (LAMP/POLES/ENCLOSURE OR ON SCHEDULE, NEMA 1 ENCLOSURE UNLESS NOTED WP FOR NEMA 3R)	6'-6"			
⊙	FUSIBLE SAFETY SWITCH, SIZE AND TYPE AS NOTED ON PLANS (LAMP/POLES/ENCLOSURE OR ON SCHEDULE, NEMA 1 ENCLOSURE UNLESS NOTED WP FOR NEMA 3R)	6'-6"			
⊙	FLUSH MOUNTED LIGHTING PANELBOARD	6'-6"			
⊙	SURFACE MOUNTED LIGHTING PANELBOARD	6'-6"			
⊙	TRANSFORMER, PROVIDE SECONDARY GROUNDING PER NEC	6'-6"			
⊙	ENCLOSED CIRCUIT BREAKER, SIZE AND TYPE AS NOTED (LAMP/POLES/ENCLOSURE NEMA 1 ENCLOSURE IF NOT NOTED, WP-NEMA 3R)	6'-6"			
6'-6" DISTANCE IS TO TOP-MOST DISCONNECTING DEVICE OR HIGHEST POSITION OF OPERATING HANDLE OF DISCONNECTING DEVICE					

THE EXHAUST HOOD SYSTEM AND COOKING APPLIANCES SHALL BE INTERCONNECTED SO THAT OPERATING ANY OF THE COOKING APPLIANCES AUTOMATICALLY ACTIVATES THE HOOD SYSTEM.

CONTRACTOR SHALL PROVIDE SUNCOAST DUCT HEAT SENSOR & CONTROL SYSTEM PACKAGE MODEL #TS2-010 120VAC DIGITAL TEMPERATURE SWITCH IN COMPLIANCE WITH THE 507JJ OF FBCM INTERLOCKED WITH THE EXISTING SUNCOAST CONTROL PANEL.

**3 SIGNAGE COORDINATION NOTE**

THE ELECTRICAL SUBCONTRACTOR SHALL INCLUDE THE ELECTRICAL ROUGH-IN AND FINAL CONNECTIONS OF ALL SIGNAGE (BUILDING MOUNTED AND GROUND MOUNTED ON THE SITE) IN HIS SCOPE OF WORK AND UNDER HIS LOCAL CODE PERMITTING PROCESS. PROVIDE A COPY OF THE PERMIT (WHICH SPECIFICALLY INCLUDES THE SIGNAGE) TO THE SIGN VENDOR IN ORDER TO EXPEDITE THE SIGN VENDOR'S PERMIT PROCESS.



**Chick-fil-A**

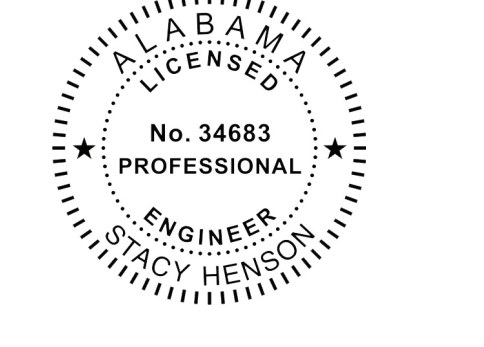
5200 Buffington Road  
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ARCHITECTURE  
ENGINEERING  
PERMITTING

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ALAMONTE SPRINGS, FL 32701  
407.645.5008

SEAL:



**CHICK-FIL-A**  
**TIGER TOWN**  
2052 Tiger Town Parkway  
Opelika, AL  
36801

**FSU#01445**

BUILDING TYPE / SIZE: S03-C  
RELEASED  
PRINTED FOR  
**Construction**

REVISION SCHEDULE

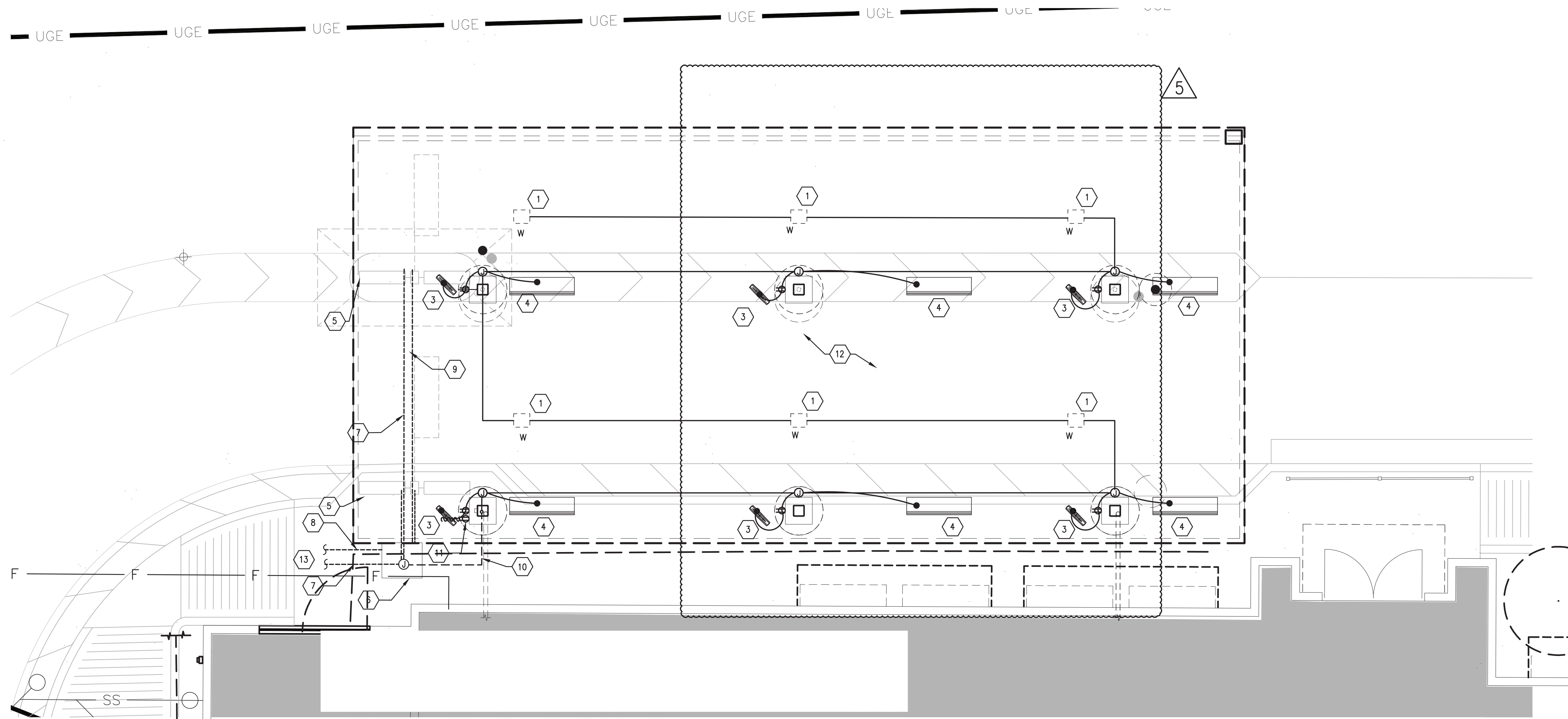
NO.	DATE	DESCRIPTION
1	11/2021	ORIGIN PROJECT

CONSULTANT PROJECT # 2021.0087  
DATE 11/2021  
DRAWN BY MI  
CHECKED BY SN

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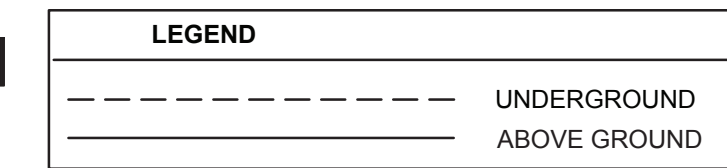
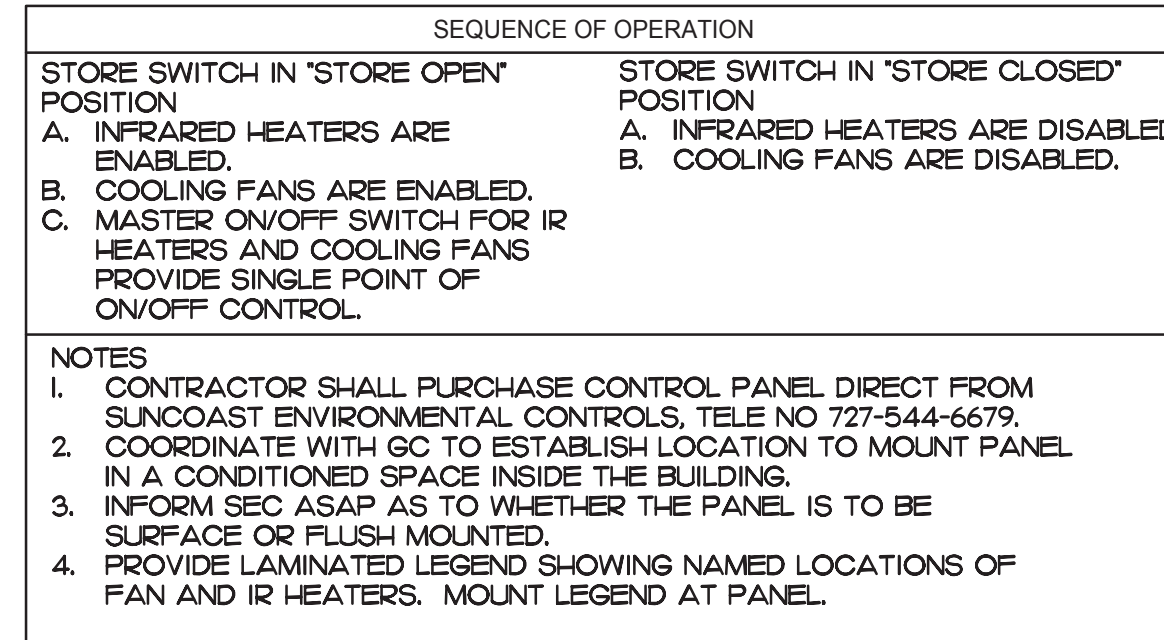
SHEET SCHEDULE AND DETAILS

SHEET NUMBER



### 1 ORDER CANOPY POWER AND LIGHTING PLAN

1/4" = 1'-0"



**FIELD VERIFY ALL CONDITIONS**

NOTE: AS NOTED IN THE SPECIFICATIONS, ALL WIRING LAYOUTS, 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, ARCHITECT AND AT NO EXPENSE TO THE OWNER, ARCHITECT AND/OR GENERAL CONTRACTOR.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTOR'S COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

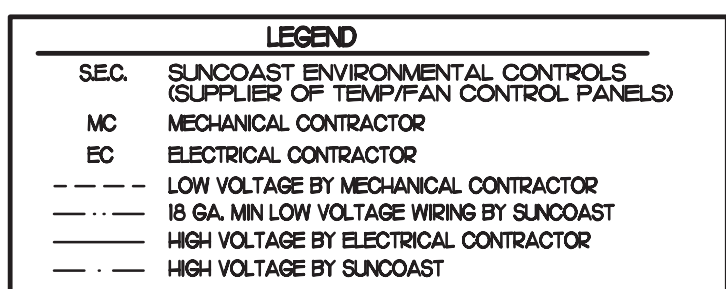
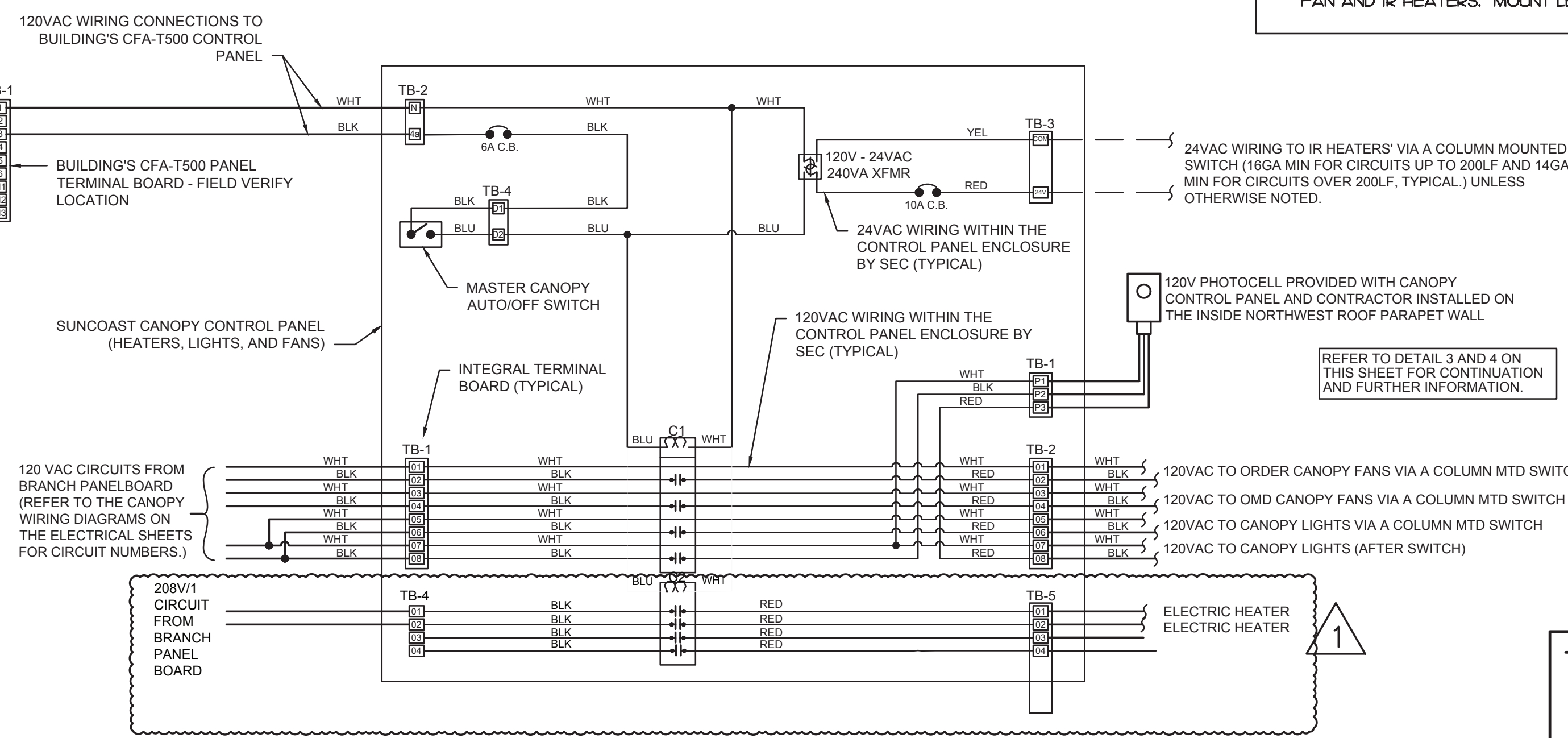
NOTES FOR ALL CONDUITS: REFER TO PLANS FOR OTHER CONDUITS. REFER TO VENDOR DRAWINGS FOR CONDUIT AND WIRING REQUIREMENTS FOR LOW VOLTAGE SYSTEMS AND CONTROL WIRING.

MULTIPLE PH CIRCUITS MAY OCCUPY THE SAME CONDUIT IN ACCORDANCE WITH THE NEC, MAXIMUM OF THREE AND OF DIFFERENT PHASES.

LOW VOLTAGE AND CONTROL WIRING SHALL BE IN SEPARATE CONDUIT FROM POWER WIRING.

### KEYED NOTES

- CEILING LIGHT PROVIDED BY CANOPY SUPPLIER AND INSTALLED BY EC.
- NOT USED.
- AIR CIRCULATING FAN (WITH INTEGRAL ON-OFF SWITCH) PROVIDED BY OTHERS. FANS TO BE HARDWIRED IN APPROPRIATE CONDUIT ABOVE CANOPY.
- INFRARED GAS HEATER WITH INTEGRAL ON-OFF SWITCH PROVIDED BY OTHERS.
- MENUBOARD PROVIDED BY OTHERS.
- PROVIDE IN-GROUND QUASITE PULLBOX FOR M.O.P DATA CABLES WITH POWER NEMA 3R JUNCTION BOX MOUNTED INSIDE THE PULLBOX.
- 2' UNDERGROUND SCH40 PVC CONDUIT WITH POWER CONDUCTORS, SEE WIRING SCHEMATIC.
- 2' UNDERGROUND SCH40 PVC CONDUIT FOR OWNER'S AUDIO SYSTEM / DETECTOR LOOP CABLES.
- 1' EMPTY UNDERGROUND SCH40 PVC CONDUIT FOR OWNER'S AUDIO SYSTEM / DETECTOR LOOP CABLES.
- INSTALL UNDERGROUND 3" SCH40 PVC CONDUIT UP INTO THE CANOPY COLUMN WITH TYPE MC CABLE (GALVANIZED STEEL WITH PVC JACKET) RUN WITH-IN FOR THE 120V POWER FOR LIGHTS, 120 VOLT POWER FOR FANS, AND 24 VOLT POWER FOR THE INFRARED GAS HEATERS.
- PROVIDE ONE DUPLEX GFCI (WITH IN-HOUSE WP COVER PLATE) AND THREE 120V SINGLE-POLE SWITCHES (EACH WITH HUBBELL 89W61550 WP COVER PLATE) MOUNTED ON THE COLUMN IN FLUSH MOUNTED METAL SINGLE GANG BOXES FOR LOCAL ON-OFF CONTROL OF THE FAN, HEATERS, AND CANOPY LIGHTS. SEE WIRING SCHEMATIC DETAIL #1 ON ELS AND CANOPY DETAIL ON THIS SHEET FOR FURTHER INFORMATION. ALL SURFACE MOUNTED ITEMS AND COVER PLATE TO BE FIELD PAINTED MATTE BLACK. INSTALL BLANK COVERPLATE WHEN HEATERS ARE NOT INSTALLED AND THE THIRD SWITCH IS NOT REQUIRED.
- ALL CONDUIT AND BOXES SHALL BE CONCEALED FROM NORMAL VIEW, UNDERGROUND, IN COLUMNS, OR ABOVE THE CANOPY (ON THE ROOF). MC CABLE (GALVANIZED STEEL WITH PVC JACKET) TO BE USED INSIDE THE COLUMNS, BUT MUST CONVERT BACK TO IMC ABOVE THE ROOF. ALL EXPOSED ELECTRICAL BOXES TO BE NEMA 3R CAST-METAL.
- PROVIDE ONE (1) #8CU EQUIPMENT GROUND TO BE BONDED TO CANOPY STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS.



### 2 SUNCOAST PANEL WIRING DIAGRAM DBL LANE ORDER POINT-INFRARED HEATERS, COOLING FANS

1/4" = 1'-0"

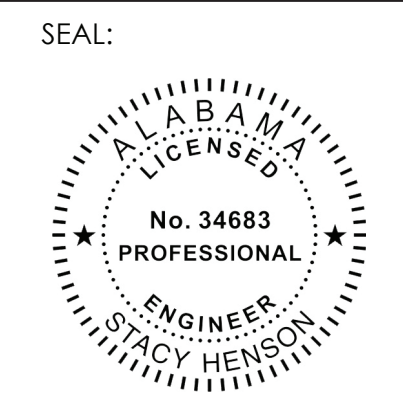


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**FSU#01445**

BUILDING TYPE / SIZE: S03-C

RELEASE: PRINTED FOR Construction

REVISION SCHEDULE

NO.	DATE	DESCRIPTION
01	09/21/2022	KITCHEN UPDATES
02	09/23/2022	OWNER REVISION

CONSULTANT PROJECT #: 2021.0087  
DATE: 11/2021  
DRAWN BY: MI  
CHECKED BY: SN

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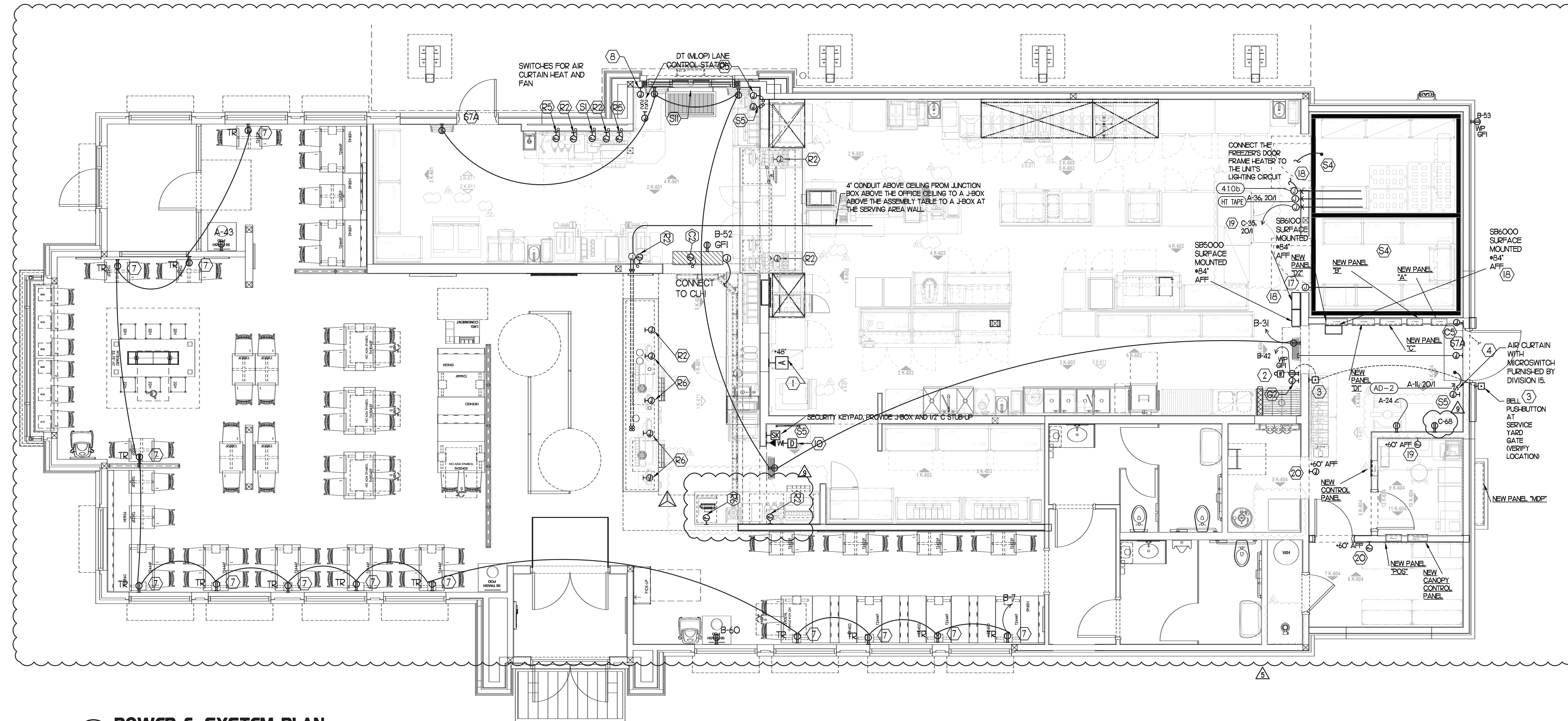
SHEET: ORDER CANOPY POWER AND LGT  
SHEET NUMBER











**1 POWER & SYSTEM 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) NOT USED
- 3) NOT USED
- 4) ONE 3" ISP SERVICE CONDUIT. EXTEND WITH PULL STRING FROM THE J-BOX TO THE UTILITY SOURCE
- 5) NOT USED
- 6) NOT USED
- 7) TAMPER RESISTANT (TR) DUPLEX RECEPTACLE (IN DINING AREAS) WITH USB CHARGER SHALL BE COPPER/ARROW HART #177746-B (BROWN) WITH MATCHING COLOR DECOR STYLE PLATE. JUNCTION BOX WITH 3/4" CONDUIT STUB-UP INTO THE CEILING SPACE FOR OWNER'S AIR-ONE INTERCOM FOR THE MLCP ORDERING CONTROL STATION. PROVIDE BLANK PLATE IF BLDG IS SINGLE LANE DRIVE-THRU.
- 8) NOT USED
- 9) NOT USED
- 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 SUNCOAST ELECTRONICS PACKAGE OF GEAR AND CONTROLS. EXTEND 1/2" CONDUIT FROM EACH BOX AND STUB ABOVE CEILING.
- 11) NOT USED
- 12) NOT USED FROM 12 TO 16
- 13) PROVIDE DUPLEX NEMA 5-15R CLOCK RECEPTACLE (SEE ELEVATIONS FOR MTG HT) FOR CONNECTION TO FLY SYSTEM EQUIPMENT #21. VERIFY HEIGHT FOR #21. DO NOT CUT THE CORDSET FINISHED WITH THE UNIT, BUT COIL THE CORD ON THE BACK OF THE UNIT PER MANUFACTURER'S DIRECTIONS.
- 14) SB6000 PANEL ENCLOSURE WITH 3 LITTLE FUSE SHOCK GFCI PROTECTION DEVICES AND SB6100 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.
- 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 MANUFACTURER'S 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 MANUFACTURER'S RECOMMENDATIONS AND PER LOCAL CODE. FIELD VERIFY EXACT LOCATION AND ALL REQUIREMENTS PRIOR TO BID AND CONSTRUCTION.

**3 KEY NOTES - SECURITY:**

- 17) 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.
- 18) 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.
- 19) 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.
- 20) PROVIDE TWO GANG WEATHER-PROOF JUNCTION BOX AND STAINLESS STEEL PLATE WITH 7/8" HOLE IN CENTER FOR PANIC 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.
- 21) 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.
- 22) 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.
- 23) EXTEND 3/4" RIGID CONDUIT FROM TOP OF STRIKE-SIDE DOOR FRAME CHANNEL TO ABOVE ACCESSIBLE CEILING.
- 24) EXTEND 1/2" RIGID CONDUIT FROM A POINT 3" WITHIN EITHER HINGE-SIDE DOOR VERTICAL FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
- 25) 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.
- 26) 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 50.
- 27) EXTEND 1/2" RIGID CONDUIT FROM A POINT 3" WITHIN STRIKE-SIDE WINDOW FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
- 28) 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.
- 29) NOT USED
- 30) 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. 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 HSC200RR) WITH STAINLESS STEEL COVER PLATE AND HOLE IN PLATE FOR AUDIO WITH 2" CONDUIT STUBBED UP INTO THE CEILING SPACE. ONE RINF SHALL BE ABOVE THE COUNTER AND ONE BELOW WITH A 2" CONDUIT BETWEEN THE RINGS.
- 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 HSC200RR) WITH STAINLESS STEEL COVER PLATE AND HOLE IN PLATE FOR AUDIO WITH 2" CONDUIT STUBBED UP INTO THE CEILING SPACE. ONE RINF 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 OWNER'S 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" C FROM THE GROUND BAR TO THE BUILDING'S ELECTRICAL SERVICE GROUNDING ELECTRODE SYSTEM (GES). THE GROUND BAR SHALL HAVE TAPS FOR USE BY THE TELEPHONE AND ISP UTILITY COMPANIES AND FOR THE #6 COMMUNICATIONS GROUNDING CONDUCTOR TO THE GES. PROVIDE A 15 AMP ISOLATED GROUND (IG) ORANGE-FACED DUPLEX RECEPTACLE IN THE WALL BESIDE THE BACKBOARD. CONNECT TO CIRCUIT POS-12 (ISA/VP 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:**

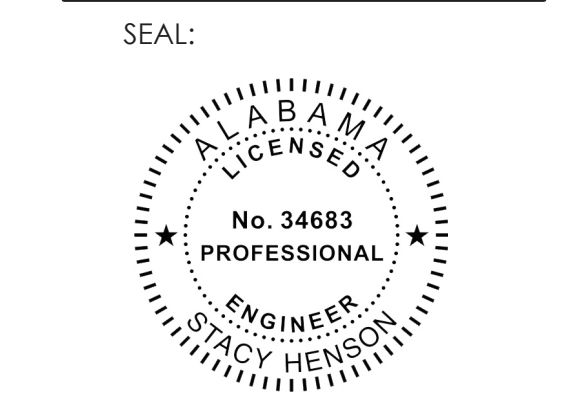
- 1) PROVIDE A 'RETROFIT' DOUBLE-GANG RING (CARLON HSC200RR) FOR OWNER'S DEVICE PLATE WITH A 3" EMPTY CONDUIT AT THE OPENING IN THE WALL UP TO THE CEILING SPACE FOR OWNER'S DATA CABLES.
- 2) PROVIDE JUNCTION BOX FOR TERMINATION OF 1" CONDUIT. PROVIDE 1" CONDUIT EXTENDING FROM CEILING AND TERMINATED AT JUNCTION BOX ON THE SERVING AREA SIDE OF THE WALL. COVER PLATE PROVIDED BY OWNER'S 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 HSC100RR) FOR OWNER'S DEVICE PLATE WITH A 2" EMPTY CONDUIT AT THE OPENING IN THE WALL UP TO THE CEILING SPACE FOR OWNER'S 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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Opelika, AL  
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**FSU#01445**

BUILDING TYPE / SIZE:	S03-C	
RELEASE:		
PRINTED FOR:	Construction	
REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
01	09/28/2022	KITCHEN UPDATES
05	09/28/2022	OWNER REVISION
09	11/08/2022	KITCHEN UPDATES
CONSULTANT PROJECT # 2021.0087		
DATE 11/2021		
DRAWN BY MI		
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SHEET POWER & SYSTEMS PLAN & NOTES		
SHEET NUMBER		





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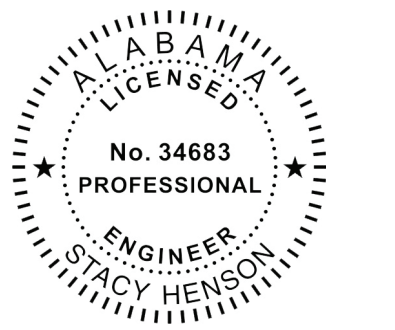
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BUILDING TYPE / SIZE: S03-C

RELEASE:

PRINTED FOR

Construction

REVISION SCHEDULE

NO. DATE DESCRIPTION

05 09/29/2022 OWNER REVISION

06 11/20/2021 ARCH/UPDATES

CHECKED BY: SN

DATE: 11/20/2021

DRAWN BY: MI

ENLARGED POWER PLAN

CONSULTANT PROJECT #: 2021.0087

DATE: 11/20/2021

DRAWN BY: MI

CHECKED BY: SN

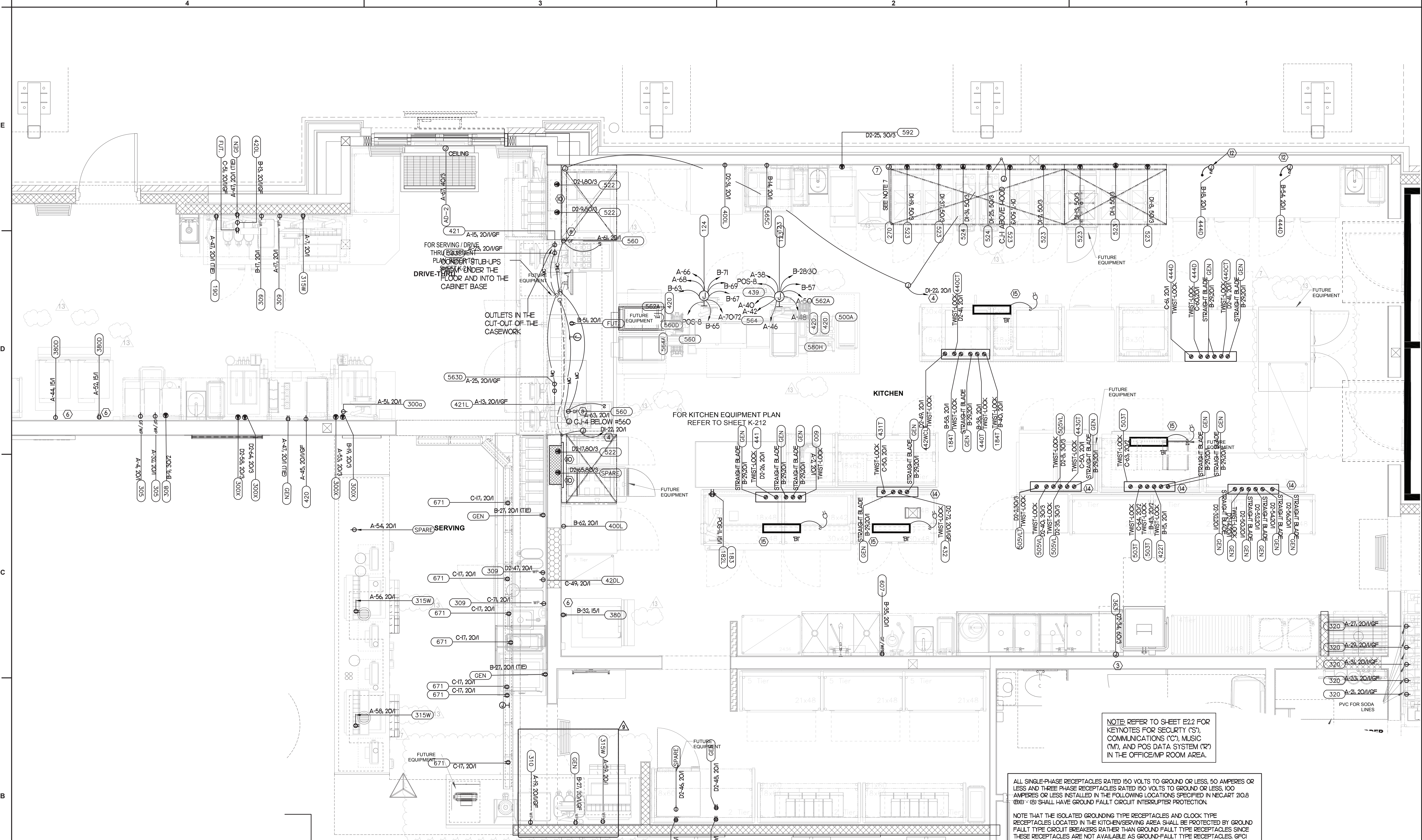
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ENLARGED POWER PLAN

SHEET NUMBER

E2.4

5



**1 ENLARGED POWER PLAN**  
SCALE: 1/2" = 1'-0"

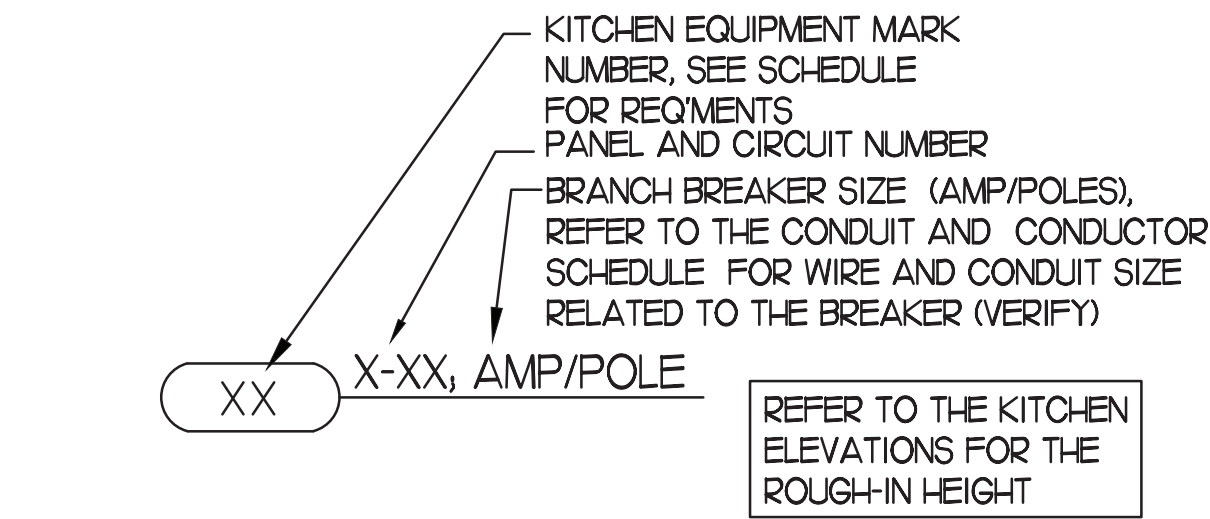
- 3 KEY NOTES - POWER:**
- ① NOT USED
  - ② NOT USED
  - ③ PROVIDE IN-SIGHT DISCONNECT SWITCH IF REQUIRED BY ALL OTHERWISE PROVIDE PAD-LOCKING DEVICE ON BRANCH BREAKER
  - ④ CONNECT AS REQUIRED TO C/J FAN VIA SPEED CONTROLLER. CONNECT HOMERUN VIA RELAY IN T-500\* CONTROL SECTION.
  - ⑤ ROUTE THROUGH LIGHTING CONTROL SWITCH-BANK "SFB" CONTROLLED BY SWITCHED "T". REFER TO SHEET E-21
  - ⑥ SEE SHEET E23, ROOF ELECTRICAL PLAN, FOR THE LOCATION OF THE ICE MACHINE'S CONDENSER AND ADDITIONAL REQUIREMENTS
  - ⑦ PROVIDE 3/4" I.D. CONDUIT BETWEEN THE T-500 CONTROL PANEL AND THE ANSLU SYSTEM PANEL.
  - ⑧ PROVIDE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE RECEPTACLE IN COMPLIANCE WITH THE NEC REQUIREMENT FOR KITCHENS. IF NOT NOTED AS GFCI, THEN THE BREAKER IS TO BE GFCI TYPE.
  - ⑨ NOT USED.
  - ⑩ THE OUTLETS FOR THE OPEN FRIGERS (ITEM #522) ARE FURNISHED BY THE EXHAUST HOOD SUPPLIER AND INSTALLED BY THE CONTRACTOR.
  - ⑪ NOT USED
  - ⑫ NOT USED
  - ⑬ NOT USED
  - ⑭ OVER-HEAD EQUIPMENT POWER (OEP) DROP CORD RECEPTACLES FROM A FLUSH MOUNTED CEILING OEP BOX. PROVIDE A-C-S OEP ASSEMBLY #12360-1000. ASSEMBLY WILL CONSIST OF A FLUSH CEILING OUTLET BOX, TWIST-LOCK PENDANT RECEPTACLES, STRAIGHT BLADE PENDANT RECEPTACLES, CORDS, STRAIN RELIEF, AND TWIST-LOCK PLUGS. CONTACT MR. JIM JACOBSON AT A-C-S AT 800-639-7584 TO PURCHASE OEP BOX AND DROP CORD RECEPTACLES. PROVIDE LIQUID-TIGHT CONDUIT WITH CONDUCTORS FOR DIRECT CONNECTED EQUIPMENT. CONDUIT SHALL NOT TOUCH THE FLOOR WHEN EQUIPMENT IS IN PLACE. USE SUPPORT GRIPS W/ SUPPORT HOOK ATTACHED TO SHELVING ABOVE AS NEEDED. PASS 5 SEMIMOLAR MODEL #FS075-U-GH6 OR EQUIVALENT.
  - ⑮ PROVIDE A TYPE BI LIGHT FIXTURE. MOUNT LIGHT TO THE UNDERSIDE OF THE WIRE SHELVING. PROVIDE A CORD FROM THE FIXTURE(S) TO A SWITCH IN AN FS BOX MOUNTED TO THE SHELF. FROM FS BOX PROVIDE AN SO CORD WITH PLUG AND CONNECT TO THE GEN RECEPTACLE (WALL OR DROP CORD).

NOTE: REFER TO SHEET E22 FOR KEYNOTES FOR SECURITY ('S'), COMMUNICATIONS ('C'), MUSIC ('M'), AND POS DATA SYSTEM ('R') IN THE OFFICE/MP ROOM AREA.

ALL SINGLE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS SPECIFIED IN NEC ART. 210.8 (B)(1) - (B) SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION.

NOTE THAT THE ISOLATED GROUNDING TYPE RECEPTACLES AND CLOCK TYPE RECEPTACLES LOCATED IN THE KITCHEN/SERVING AREA SHALL BE PROTECTED BY GROUND FAULT TYPE CIRCUIT BREAKERS RATHER THAN GROUND FAULT TYPE RECEPTACLES SINCE THESE RECEPTACLES ARE NOT AVAILABLE AS GROUND-FAULT TYPE RECEPTACLES. GFCI BREAKERS REQUIRE A DEDICATED NEUTRAL (NOT SHARED) TO OPERATE PROPERLY.

**NOTE:**  
SEE SHEET E25 FOR THE RECEPTACLES AND CIRCUITS FOR THE POS EQUIPMENT.



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UPDATED: 1/24/2022 11:05 am  
ISSUED FOR: APPROVAL

(NEW) PANEL A

LOCATION: MULTI PURPOSE  
VOLTAGE: 208Y/120V  
TRIM: FLUSH

MAIN: 250A MLO  
SYSTEM: 3A, 4W  
BUS RATING: 250A

CONN. LOAD: 76.8 KVA  
FEED: TOP  
GROUND BUS: YES

CKT	LOAD SERVED	COND	PHASE	NEUT	Ø	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	Ø	LOAD SERVED	CKT
1	TELEPHONE VIDEO	1/2"	#12	#12	#12	R											FLOOR MDR	2
2	OFFICE GEN & MUSIC	1/2"	#12	#12	#12	R											TEA BREWER	4
3	OFF GEN PRINTERS	1/2"	#12	#12	#12	R											GENERAL OUTLETS	6
4	DRINK TOWERS	1/2"	#12	#12	#12	R											WATER HEATER	8
5	DRINK TOWERS	1/2"	#12	#12	#12	R											PANEL "DST"	10
6	GEN. OUTLETS	1/2"	#12	#12	#12	R											PLAY AREA REFR	12
7	UC REFRIG	1/2"	#12	#12	#12	M											(N) EFR2	14
8	UC REFRIG	1/2"	#12	#12	#12	M											SECURITY SYSTEM	16
9	JUICE DISPENSER	1/2"	#12	#12	#12	K											COOLER SYSTEM	18
10	JUICE DISPENSER	1/2"	#12	#12	#12	K												20
11	CARBONATOR	1/2"	#12	#12	#12	K												22
12	SANDWICH SLIDE	1/2"	#12	#12	#12	K											FUT. EQUIPMENT	24
13	SANDWICH SLIDE	1/2"	#12	#12	#12	K											FREZZER CONDENSER	26
14	CARBONATOR	1/2"	#12	#12	#12	K											AND DWP COL	28
15	CARBONATOR	1/2"	#12	#12	#12	K												30
16	CARBONATOR	1/2"	#12	#12	#12	K											TEA BREWER	32
17	CARBONATOR	1/2"	#12	#12	#12	K											(N) EFR4	34
18	BOOSTER PUMP	1/2"	#12	#12	#12	K											FREZZER HEAT	36
19	GEN. OUTLETS	1/2"	#12	#12	#12	R											DROP CORD OUTLET	38
20	(N) EFR1	1/2"	#12	#12	#12	M											DROP CORD OUTLET	40
21	COMPACTOR	1/2"	#12	#12	#12	K											ICE MAKER	42
22	UC REFRIG	1/2"	#12	#12	#12	K											DROP CORD OUTLET	44
23	GEN. OUTLET	1/2"	#12	#12	#12	K											DROP CORD OUTLET	46
24	UC REFRIG	1/2"	#12	#12	#12	K											DROP CORD OUTLET	50
25	MILKSHAKE DISPENSER	1/2"	#12	#12	#12	K											ICE MAKER	52
26	ICE CREAM MACHINE	3/4"	#12	#12	#12	K											DRINK STATION	54
27	DRINK STATION	1/2"	#12	#12	#12	K											DRINK STATION	56
28	DRINK STATION	1/2"	#12	#12	#12	K											DRINK STATION	58
29	DRINK STATION	1/2"	#12	#12	#12	K											JUICE DISPENSER	60
30	HOLDING STATION	1/2"	#12	#12	#12	K											COFFEE MAKER	62
31	HOLDING STATION	1/2"	#12	#12	#12	K												64
32	RECEPTACLE	1/2"	#12	#12	#12	K											DROP CORD OUTLET	66
33	AC-2	3/4"	#8	#8	#10	45/3	K										DROP CORD OUTLET	68
34	AC-2	3/4"	#8	#8	#10	45/3	K										DROP CORD OUTLET	70
35	AC-2	3/4"	#8	#8	#10	45/3	K										TOASTER	72

INTERRUPT RATING: SERIES RATED PER MANUFACTURER'S LABEL 25757/27655/23397 FROM: (NEW) PANEL MDP

LOADS (N VA)	CONNECTED	DEMAND	MINIMUM	LOADS	CONNECTED	DEMAND	MINIMUM	REMAINING
LIGHTING	0	1.25	0	NON-SEASONAL	11899	1.0	11899	CONTINUOUS LOADS
RECEPTS TO 10 KVA	8590	1.0	8590	MOTORS	0	0.25	0	NON-CONTINUOUS LOADS
RECEPTS REMAINING	0	0.5	0	LARGEST MOTOR	0	0.25	0	MISC. DEMAND LOADS
SPACE HEATING	0	0.0	0	WATER HEATING	240	1.0	240	TOTAL CONNECTED LOAD
AIR CONDITIONING	0	1.0	0	KITCHEN EQUIP.	58280	0.65	36582	76.8 KVA 213.4 AMPS
								TOTAL DEMAND LOAD
								57.1 KVA 158.6 AMPS
								OVERALL DEMAND FACTOR
								0.74

Note 1. Feeder size: SEE RISER DIAGRAM

UPDATED: 10/3/2022 7:37 pm  
ISSUED FOR: APPROVAL

(NEW) PANEL C

LOCATION: MULTI PURPOSE  
VOLTAGE: 208Y/120V  
TRIM: FLUSH

MAIN: 250A MLO  
SYSTEM: 3A, 4W  
BUS RATING: 250A

CONN. LOAD: 81.2 KVA  
FEED: TOP  
GROUND BUS: YES

CKT	LOAD SERVED	COND	PHASE	NEUT	Ø	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	Ø	LOAD SERVED	CKT
1	KITCHEN LIGHTS	1/2"	#12	#12	#12	L											BUILDING STORAGE	2
2	KITCHEN LIGHTS	1/2"	#12	#12	#12	L											BUILDING STORAGE	4
3	RESTROOM LIGHTS	1/2"	#12	#12	#12	L											BUILDING STORAGE	6
4	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L											BUILDING STORAGE	8
5	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L											FUT. EQUIPMENT	10
6	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L											SECURITY LIGHTS	12
7	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L											(G) AC-4	14
8	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												16
9	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												18
10	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												20
11	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												22
12	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												24
13	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												26
14	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												28
15	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												30
16	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												32
17	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												34
18	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												36
19	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												38
20	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												40
21	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												42
22	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												44
23	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												46
24	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												48
25	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												50
26	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												52
27	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												54
28	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												56
29	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												58
30	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												60
31	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												62
32	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												64
33	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												66
34	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												68
35	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												70
36	DRINK AREA LIGHTS	1/2"	#12	#12	#12	L												72

INTERRUPT RATING: SERIES RATED PER MANUFACTURER'S LABEL 28292/28748/28129 FROM: (NEW) PANEL MDP

LOADS (N VA)	CONNECTED	DEMAND	MINIMUM	LOADS	CONNECTED	DEMAND	MINIMUM	REMAINING
LIGHTING	24883	1.25	31104	NON-SEASONAL	2160	1.0	2160	CONTINUOUS LOADS
RECEPTS TO 10 KVA	780	1.0	780	MOTORS	0	0.25	0	NON-CONTINUOUS LOADS
RECEPTS REMAINING	0	0.5	0	LARGEST MOTOR	0	0.25	0	MISC. DEMAND LOADS
SPACE HEATING	0	0.0	0	WATER HEATING	0	1.0	0	TOTAL CONNECTED LOAD
AIR CONDITIONING	28820	1.0	28820	KITCHEN EQUIP.	23524	0.65	15291	81.2 KVA 225.5 AMPS
								TOTAL DEMAND LOAD
								79.2 KVA 219.8 AMPS
								OVERALL DEMAND FACTOR
								0.88

Note 1. Feeder size: SEE RISER DIAGRAM

UPDATED: 10/4/2022 8:33 am  
ISSUED FOR: APPROVAL

(NEW) PANEL D2

LOCATION: MULTI PURPOSE  
VOLTAGE: 208Y/120V  
TRIM: FLUSH

MAIN: 400A MLO  
SYSTEM: 3A, 4W  
BUS RATING: 400A

CONN. LOAD: 182.1 KVA  
FEED: TOP  
GROUND BUS: YES

CKT	LOAD SERVED	COND	PHASE	NEUT	Ø	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	Ø	LOAD SERVED	CKT
1	OPEN FRYER	1-1/4"	#3	#3	#3	R											500A-VICTOR OVEN	2
2	OPEN FRYER	1-1/4"	#3	#3	#3	R												4
3	SHUNT TRIP SPACE	1-1/4"	#3	#3	#3	R											500A-VICTOR OVEN	6
4	OPEN FRYER	1-1/4"	#3	#3	#3	R												8
5	OPEN FRYER	1-1/4"	#3	#3	#3	R												10
6	OPEN FRYER	1-1/4"	#3	#3	#3	R												12
7	OPEN FRYER	1-1/4"	#3	#3	#3	R												14
8	OPEN FRYER	1-1/4"	#3	#3	#3	R												16
9	OPEN FRYER	1-1/4"	#3	#3	#3	R												18
10	OPEN FRYER	1-1/4"	#3	#3	#3	R												20
11	OPEN FRYER	1-1/4"	#3	#3	#3	R												22
12	OPEN FRYER	1-1/4"	#3	#3	#3	R												24
13	OPEN FRYER	1-1/4"	#3	#3	#3	R												26
14	OPEN FRYER	1-1/4"	#3	#3	#3	R												28
15	OPEN FRYER	1-1/4"	#3	#3	#3	R												30
16	OPEN FRYER	1-1/4"	#3	#3	#3	R												32
17	OPEN FRYER	1-1/4"	#3	#3	#3	R												34
18	OPEN FRYER	1-1/4"	#3	#3	#3	R												





