

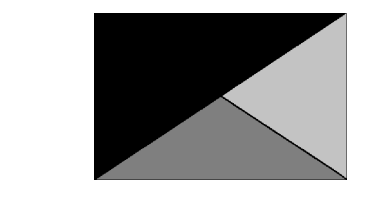








**Chick-fil-A**  
**5200 Buffington Road**  
**Atlanta, Georgia**  
**30349-2998**



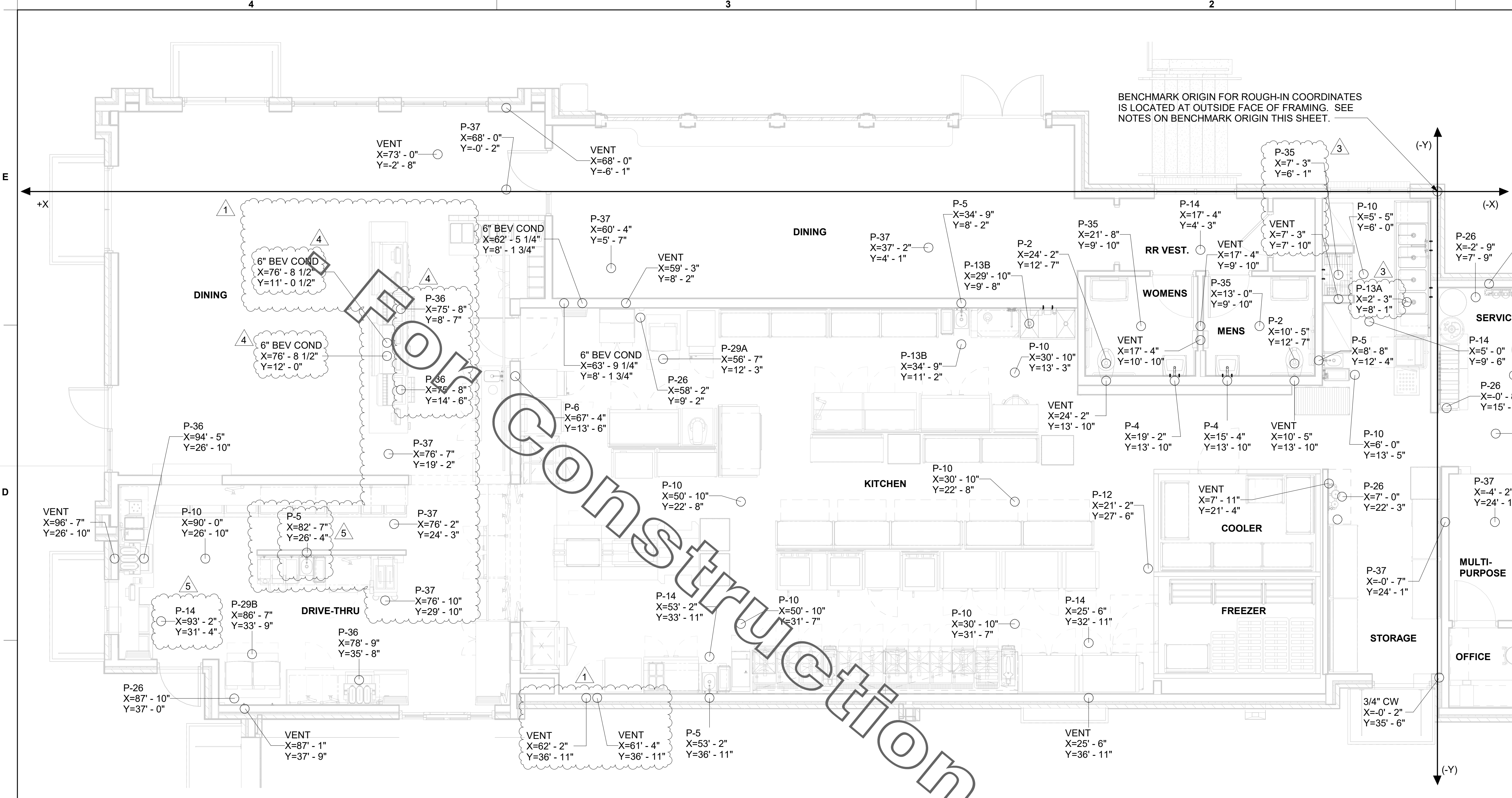
**Kurzynske & Associates**  
 2900 Lebanon Pike, Ste 201  
 Nashville, Tennessee 37214  
 Telephone: (615) 255-5203  
 Fax: (615) 255-5207  
 Email: mail@kurzynske.com



04/08/22

**IMPORTANT NOTE TO INSTALLER**  
 EXERCISE CAUTION WHEN LOCATING ROUGH-INS AT:  
 -DRIVE THRU AREA  
 -CUSTOMER WAIT AREA  
 DO NOT PULL TAPE FROM THE SLAB EDGE AT THESE AREAS WITHOUT COMPENSATING FOR DIFFERENCE IN OFFSETS. NOTE OFFSET AT BACK CORNER OF BUILDING.

**MOP SINK NOTE**  
 IMPORTANT: INSTALL FLOOR DRAIN WITH TOP OF DRAIN 0'-7" BFF. COORDINATE WITH GENERAL CONTRACTOR. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS.



1 SLAB ROUGH-IN PLAN  
 1/4" = 1'-0"

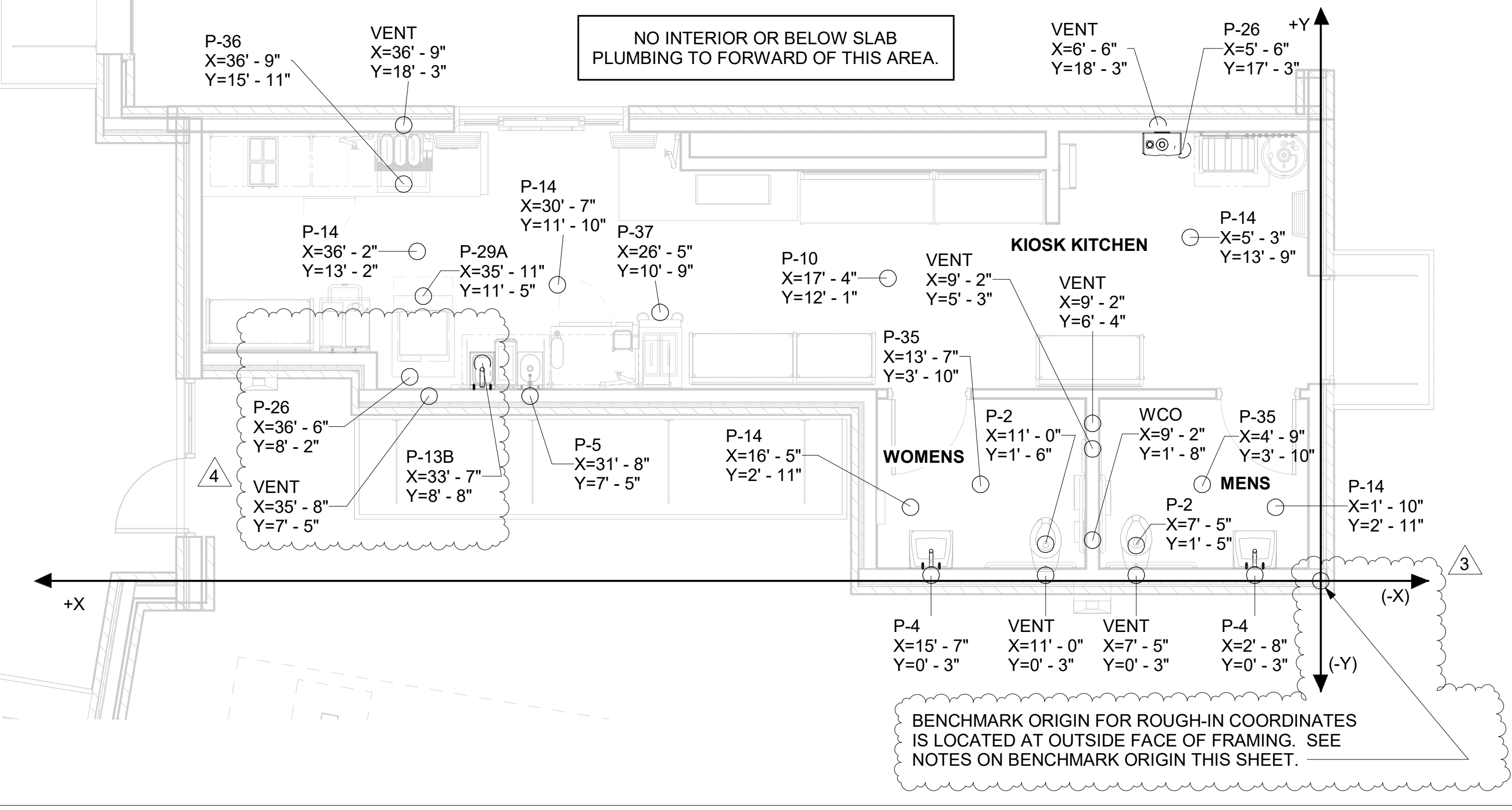
**NOTE OF SPECIAL IMPORTANCE:**  
 BELOW-SLAB BEVERAGE CONDUIT SHALL BE 6" DIAMETER SCHED 40 DWV SOLID WALL, NO FOAM CORE ALLOWED. USE LONG RADIUS ELBOWS (A.K.A. SWEEPS) ON ALL BEVERAGE CONDUIT. PLEASE NOTE BEVERAGE CONDUIT ROUGH-IN LOCATIONS ARE MEASURED TO THE FRACTION OF AN INCH. CARE MUST BE TAKEN WHEN INSTALLING 6" DIAMETER CONDUIT LOCATED WITHIN A 2X8 WALL. THE MARGIN FOR ERROR IS ONLY 1/16TH INCH.

**NOTES ABOUT (0,0) BENCHMARK ORIGIN**

- THE (X=0, Y=0) BENCHMARK ORIGIN IS LOCATED AT THE OUTSIDE FACE OF FRAMING FOR THE EXTERIOR WALL AT THE CORNER WHERE SHOWN ON THE ADJACENT PLAN.
- IT IS EXTREMELY IMPORTANT FOR THE PLUMBING INSTALLER TO BECOME COMPLETELY FAMILIAR WITH THE FACE-OF-FRAMING POSITION AND ITS RELATION TO THE FLOOR SLAB CONSTRUCTION PRIOR TO BEGINNING THE UNDERSLAB PLUMBING ROUGH-IN.
- PLUMBING CONTRACTOR SHALL REVIEW STRUCTURAL DETAIL "TYPICAL SECTION @ EXTERIOR WALL" FOR PRECISE LOCATION OF FACE-OF-FRAMING WITH RESPECT TO THE SLAB INSTALLATION PRIOR TO LOCATING SLAB ROUGH-INS.

**COORDINATE LEGEND**

TYPE	EXAMPLE	PIPE COORDINATES
#1	CW X=43'8" Y=14'7"	APPLIES TO WATER PIPING ROUGH-IN PENETRATION ONLY. SEE P-101 FOR CONTINUATION.
#2	VENT X=43'8" Y=14'7"	APPLIES TO DWV PENETRATION ONLY.
#3	6" BEV COND X=43'8" Y=27'3"	APPLIES TO 6" BEVERAGE CONDUIT PENETRATION ONLY.



4 SLAB ROUGH-IN PLAN  
 1/4" = 1'-0"

**CHICK-FIL-A**  
**PONCE & BLVD**  
 689 Blvd NE  
 Atlanta, GA 30308

**FSR#04553**  
 BUILDING TYPE / SIZE: P13 LSR ALL  
 RELEASE: v2.20.08

**REVISION SCHEDULE**

NO.	DATE	DESCRIPTION
1	08/25/21	Bid Set
3	01/03/22	Permit Set
4	03/15/22	Construction Set
5	04/08/22	IFC 2

CONSULTANT PROJECT # 20127.CC.S  
 PRINTED FOR RELEASE FOR CONSTRUCTION  
 DATE 11/17/2020  
 DRAWN BY AK

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
 SHEET  
 SLAB ROUGH-IN PLAN

SHEET NUMBER  
**P-221**

BIM: 360//GA\_04553\_Ponce and Blvd\_Atlanta\_FSR\_P13\_LSR\_SML04553\_Ponce&Blvd\_LSR\_PLB.rvt  
 4/4/2022 11:59:26 AM  
 40-LSR-04553-P-221-SLAB ROUGH-IN PLAN

**LEGEND**

GIH#1	GAS INFRARED HEATER #1 (TYP.)	B/G	BELOW GRADE
---	NEW GAS PIPING ABOVE GRADE	EC	ELECTRICAL CONTRACTOR
---	NEW GAS PIPING BELOW GRADE	MC	MECHANICAL CONTRACTOR

**NOTES:**

1. INSTALL GAS PIPING SUCH THAT HVAC EQUIPMENT ACCESS PANELS AND/OR DOORS ARE IN NO WAY OBSTRUCTED BY PIPING, VALVES, OR SUPPORTS.
2. TO AVOID CONFLICT WITH AC UNIT ACCESS DORRS, INSTALL GAS PIPING NO CLOSER THAN 3'-6" FROM AC UNIT. (EXCEPT FOR BRANCH LINE CONNECTED TO AC UNIT.)
3. 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.

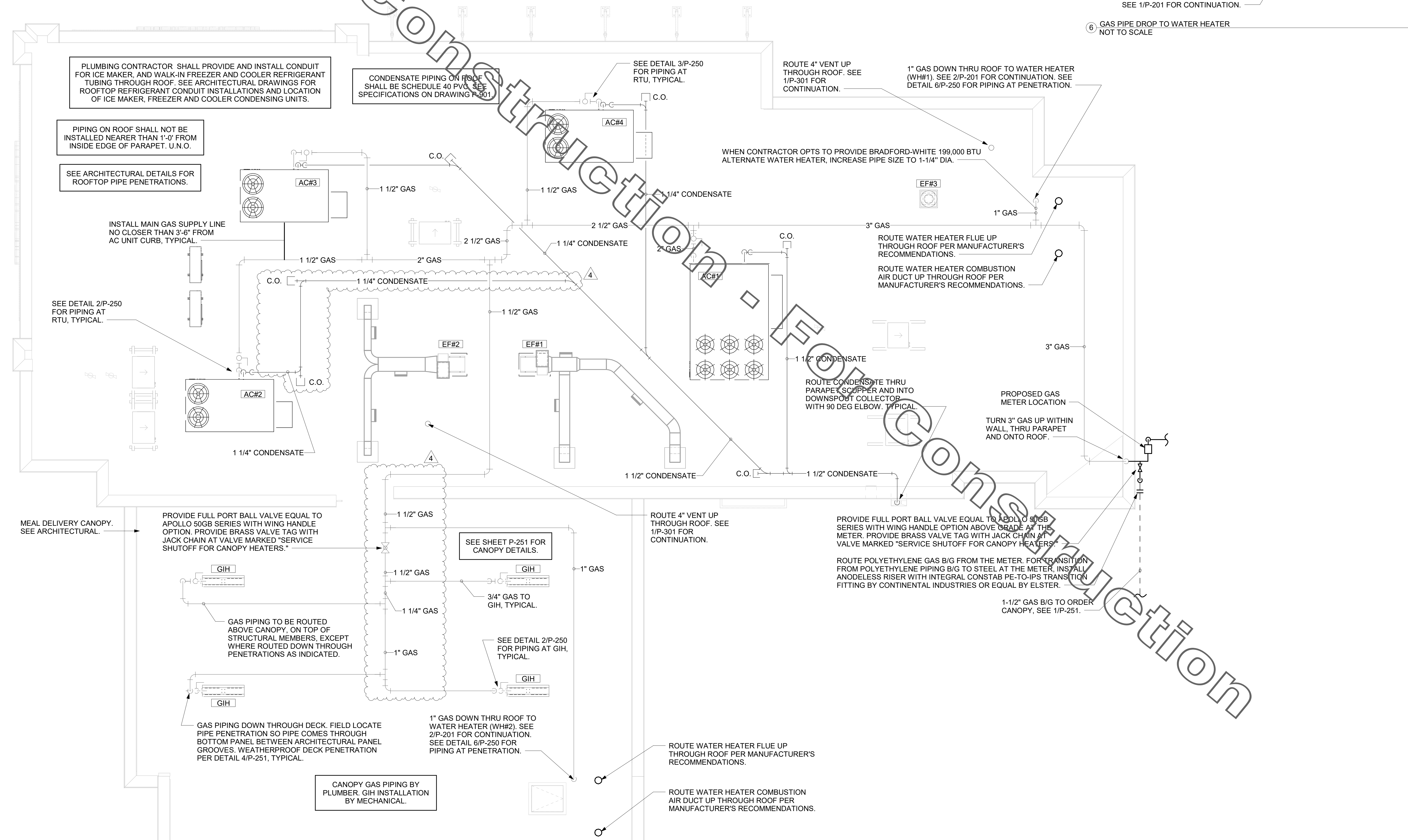
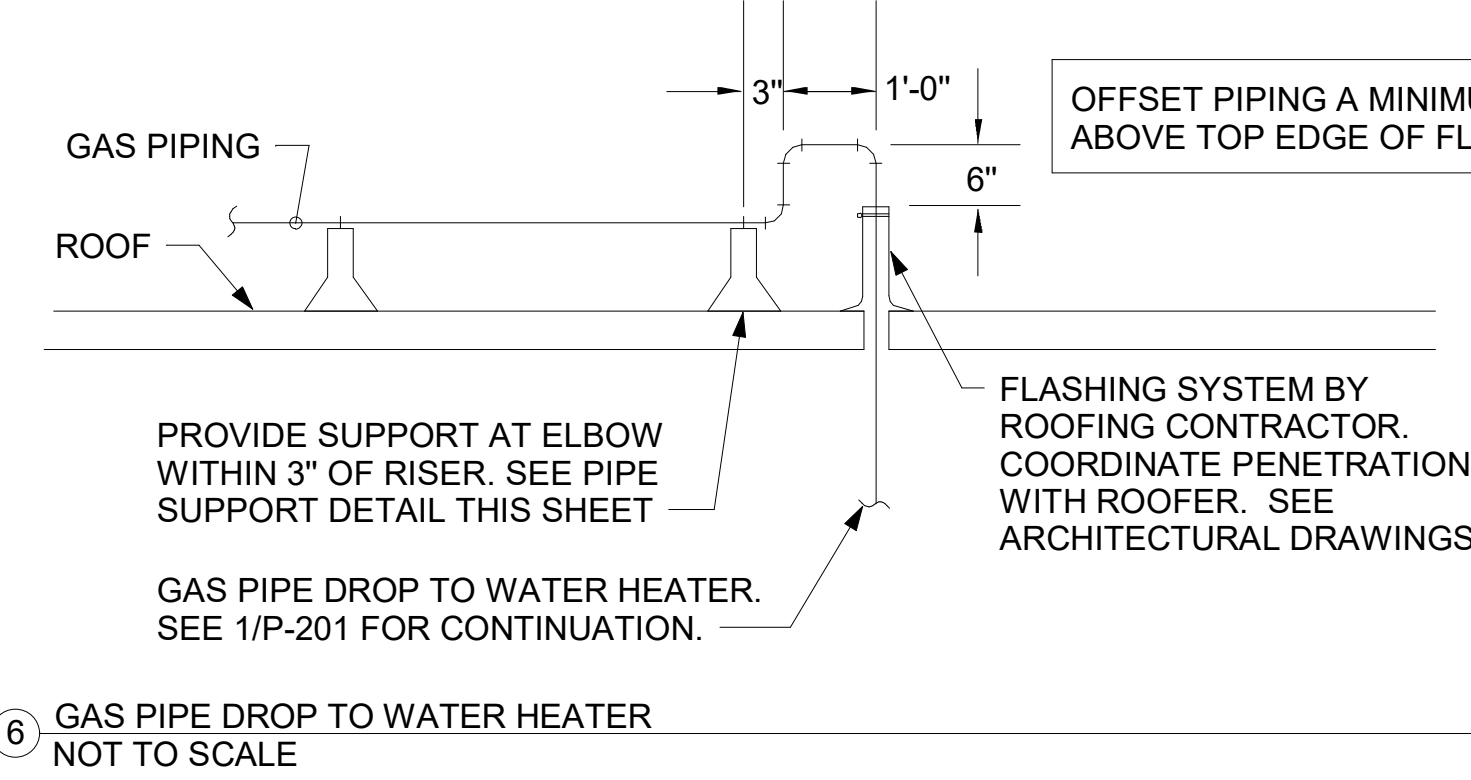
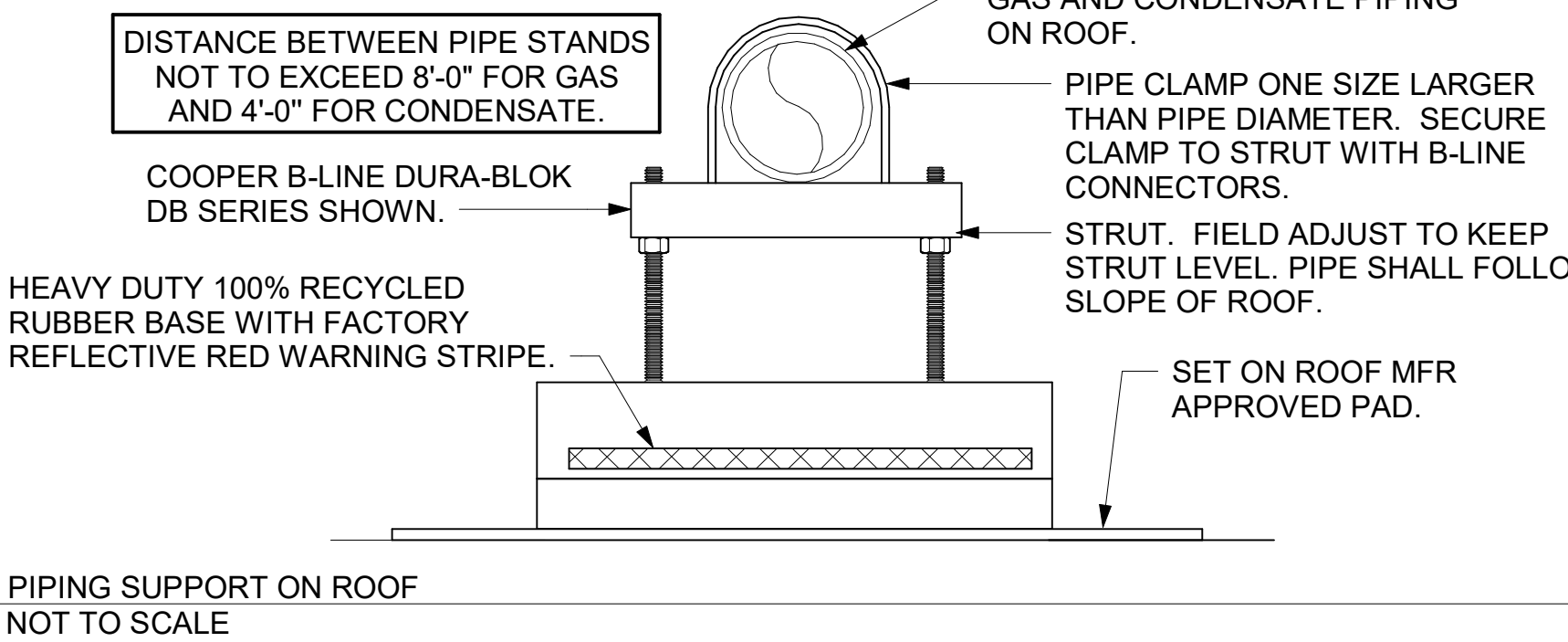
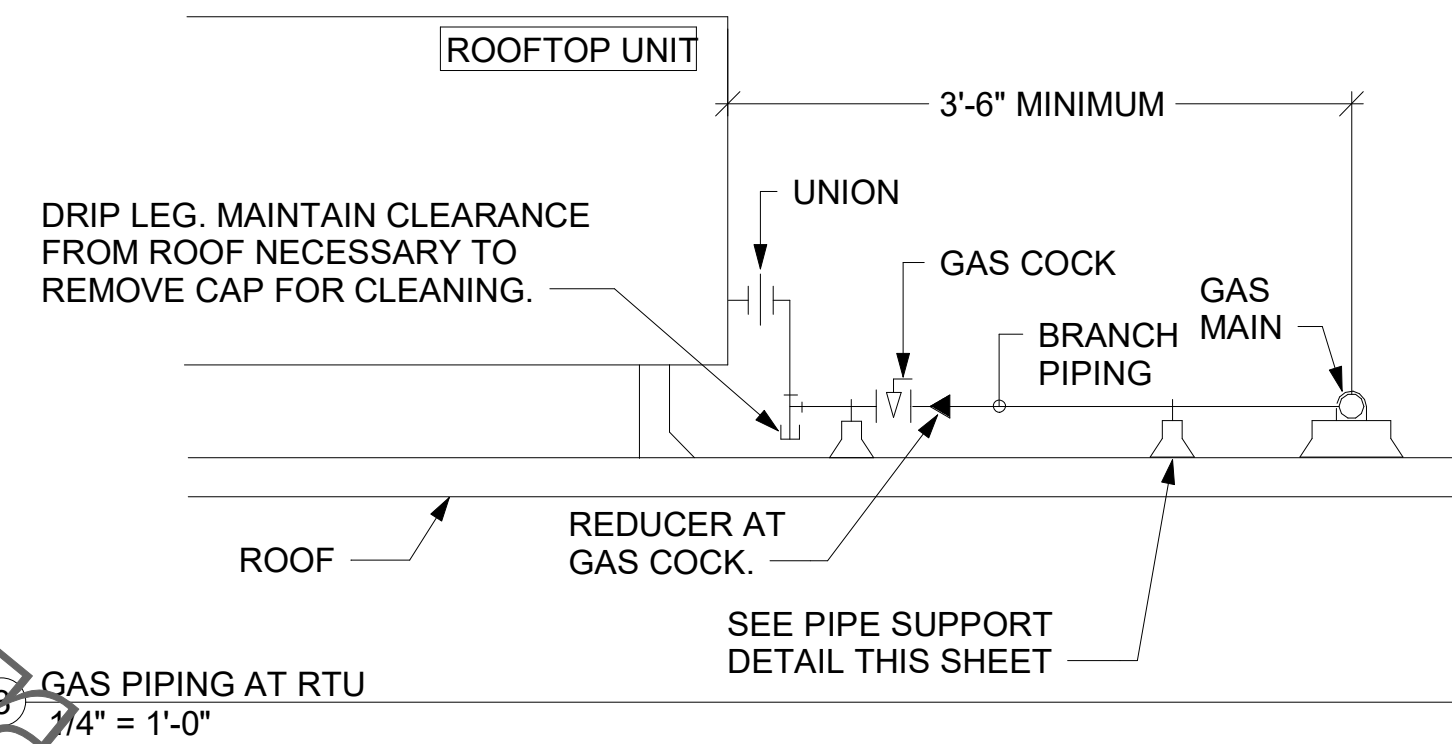
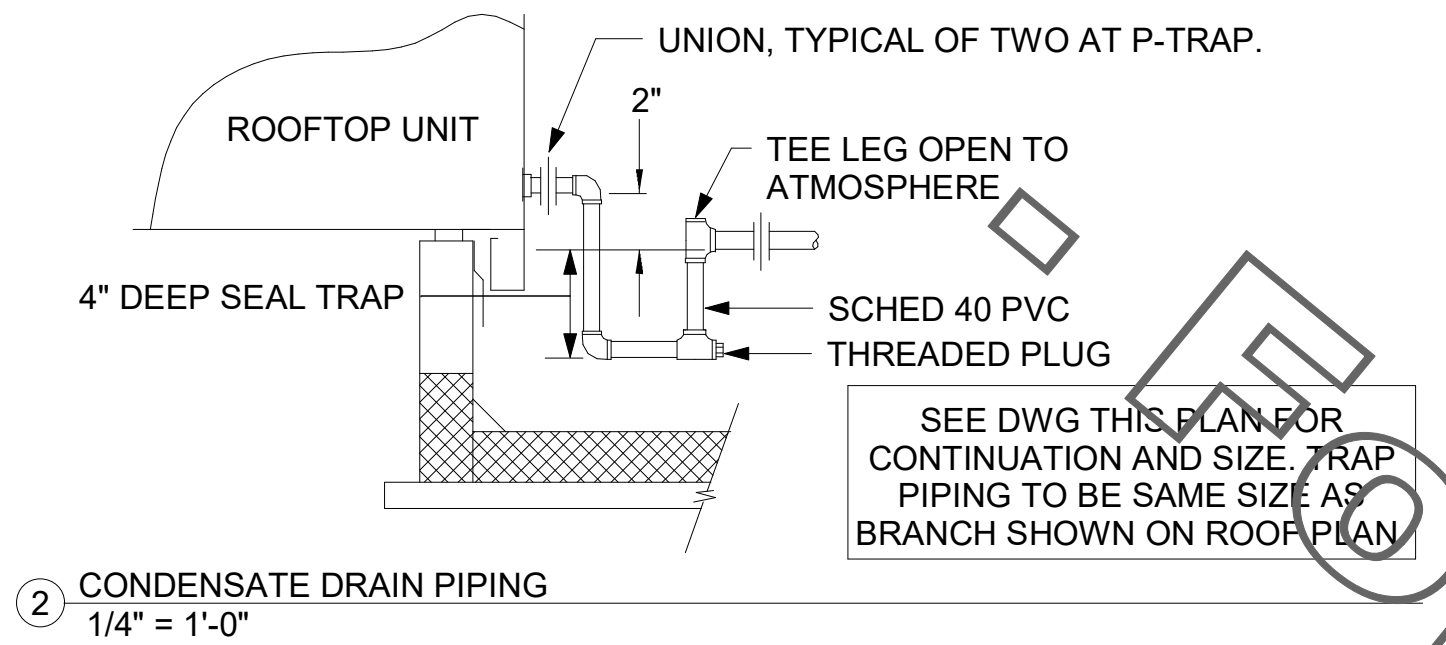
**NOTES:**

1. NON ADJUSTABLE MODEL DB610 PIPE STAND TO BE USED FOR NON-ELEVATED PIPING INSTALLED FLAT ON ROOF DECK.
2. 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.
3. ENSURE GAS AND CONDENSATE PIPING DO NOT OBSTRUCT ROOFTOP EQUIPMENT ACCESS OPENINGS. RE-PIPING OF SYSTEMS DUE TO CONFLICTS WITH EQUIPMENT ACCESS OPENINGS SHALL BE DONE AT PLUMBING CONTRACTOR'S EXPENSE.

**5. GAS CONNECTION SCHEDULE**

EQUIPMENT	GAS LOAD
AC#1	480,000 BTUS
AC#2	240,000 BTUS
AC#3	240,000 BTUS
AC#4	240,000 BTUS
GIH (8 @ 50,000 BTU EA.)	400,000 BTUS
WATER HEATER (WH#1)	125,000 BTUS
WATER HEATER (WH#2)	130,000 BTUS
<b>TOTAL CONNECTED LOAD</b>	<b>1,855,000 BTUS</b>

REMARKS:  
 1) EQUIVALENT TO 1,855.0 CFH  
 2) 7" W.C. DELIVERY PRESSURE  
 3) DEVELOPED LENGTH: 200 FT (METER TO GIH)



1. ROOF PIPING PLAN  
1/4" = 1'-0"



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

**Kurzynske & Associates**  
 2900 Lebanon Pike, Ste 201  
 Nashville, Tennessee 37214  
 Telephone: (615) 255-5203  
 Fax: (615) 255-5207  
 Email: mail@kurzynske.com



**CHICK-FIL-A**  
**PONCE & BLVD**  
 689 Blvd NE  
 Atlanta, GA 30308

**FSR#04553**  
 BUILDING TYPE / SIZE: P13 LSR ALL  
 RELEASE: v2.20.08

**REVISION SCHEDULE**

NO.	DATE	DESCRIPTION
4	03/15/22	Construction Set

CONSULTANT PROJECT # 20127.CC.S  
 PRINTED FOR: RELEASE FOR CONSTRUCTION  
 DATE: 11/17/2020  
 DRAWN BY: AK

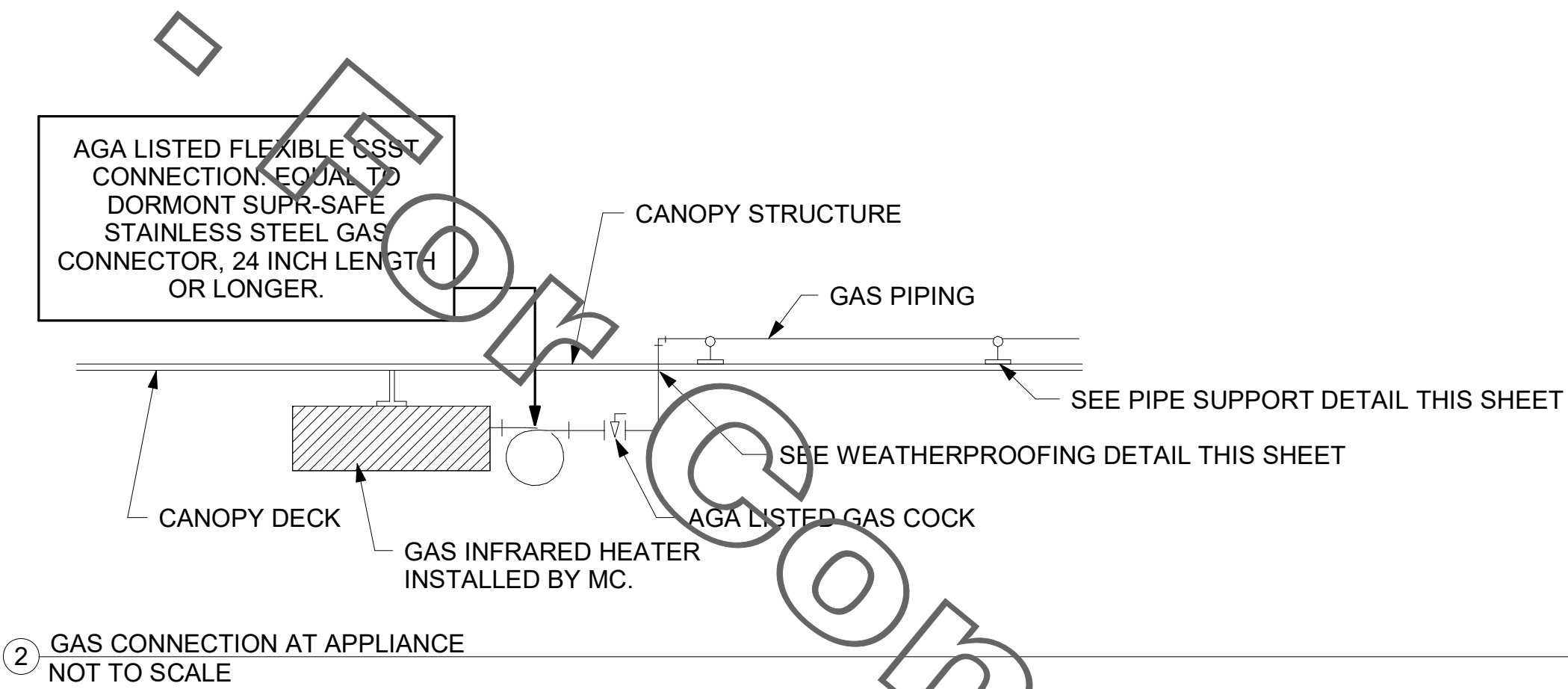
Information contained on this drawing and all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET: ROOF PLAN AND DETAILS

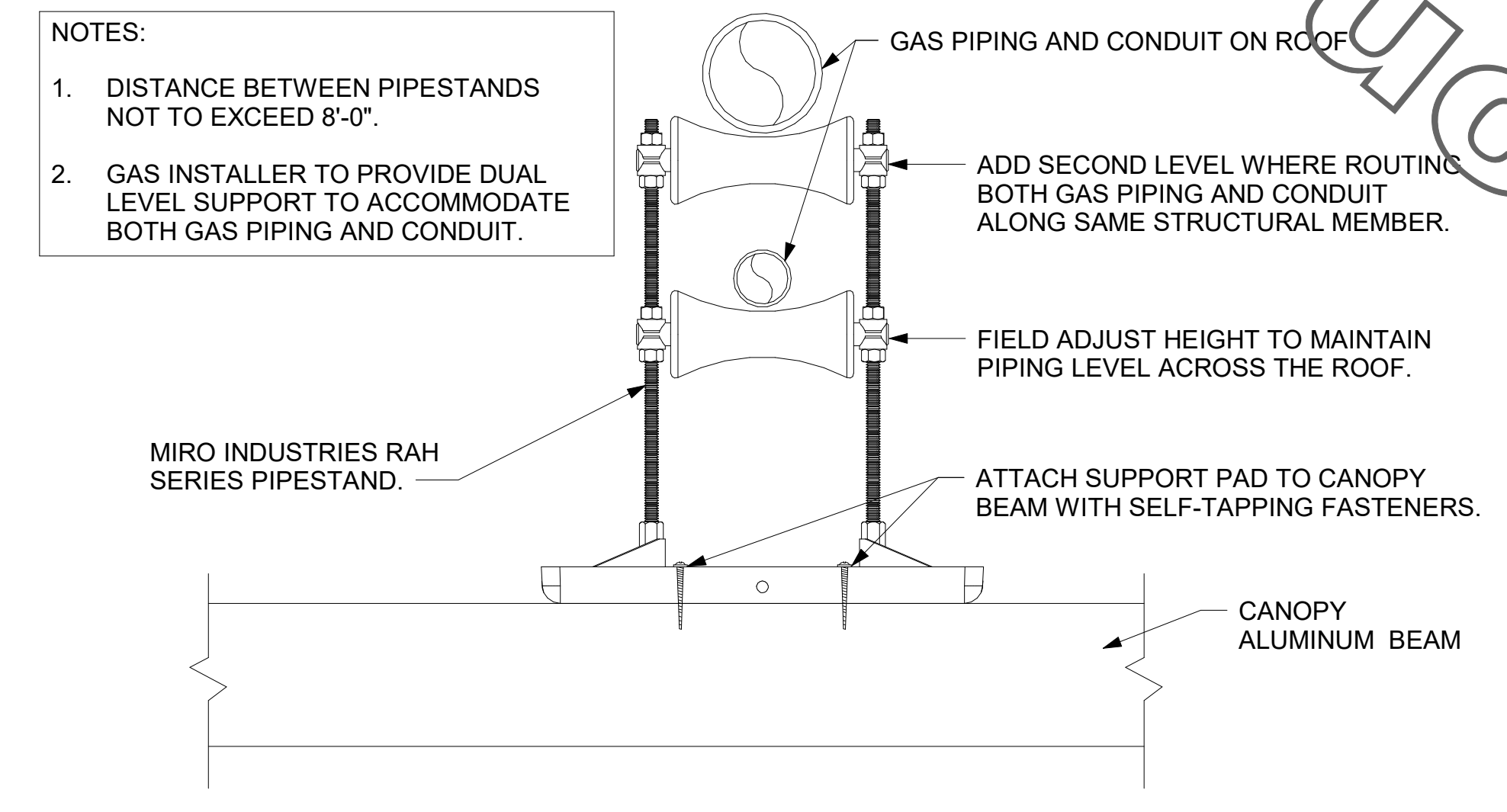
SHEET NUMBER  
**P-250**

BIM: 300/JGA\_04553\_Ponce and Blvd\_Atlanta\_FSR\_P13\_LSR\_SML\_04553\_Ponce&Blvd\_LSR\_PLB.rvt  
 3/29/2022 3:30:51 PM  
 40-LSR-04553-P-250-ROOF PLAN AND DETAILS

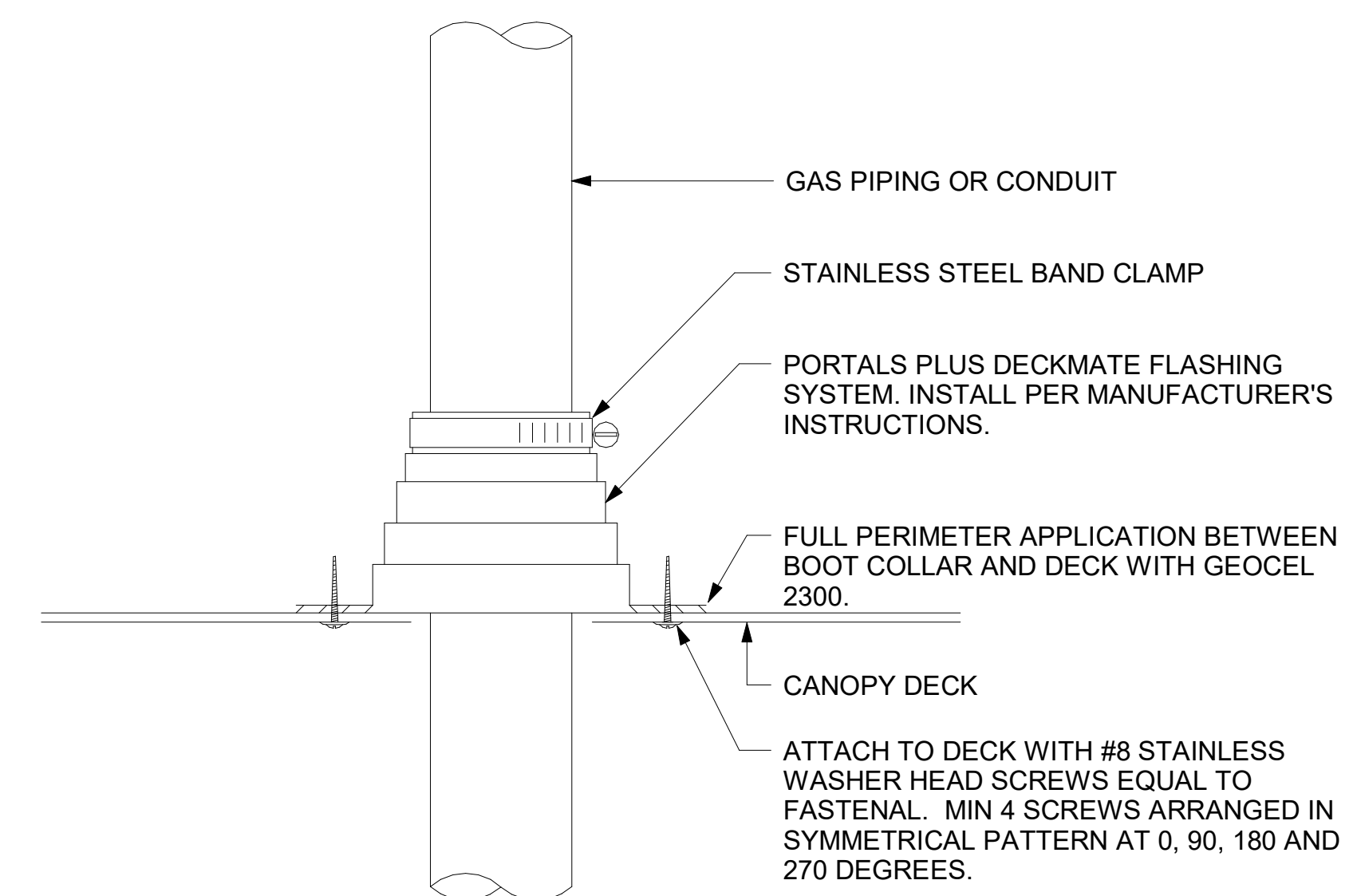
RELEASE FOR CONSTRUCTION



2 GAS CONNECTION AT APPLIANCE  
NOT TO SCALE



3 PIPING SUPPORT ON CANOPY  
NOT TO SCALE

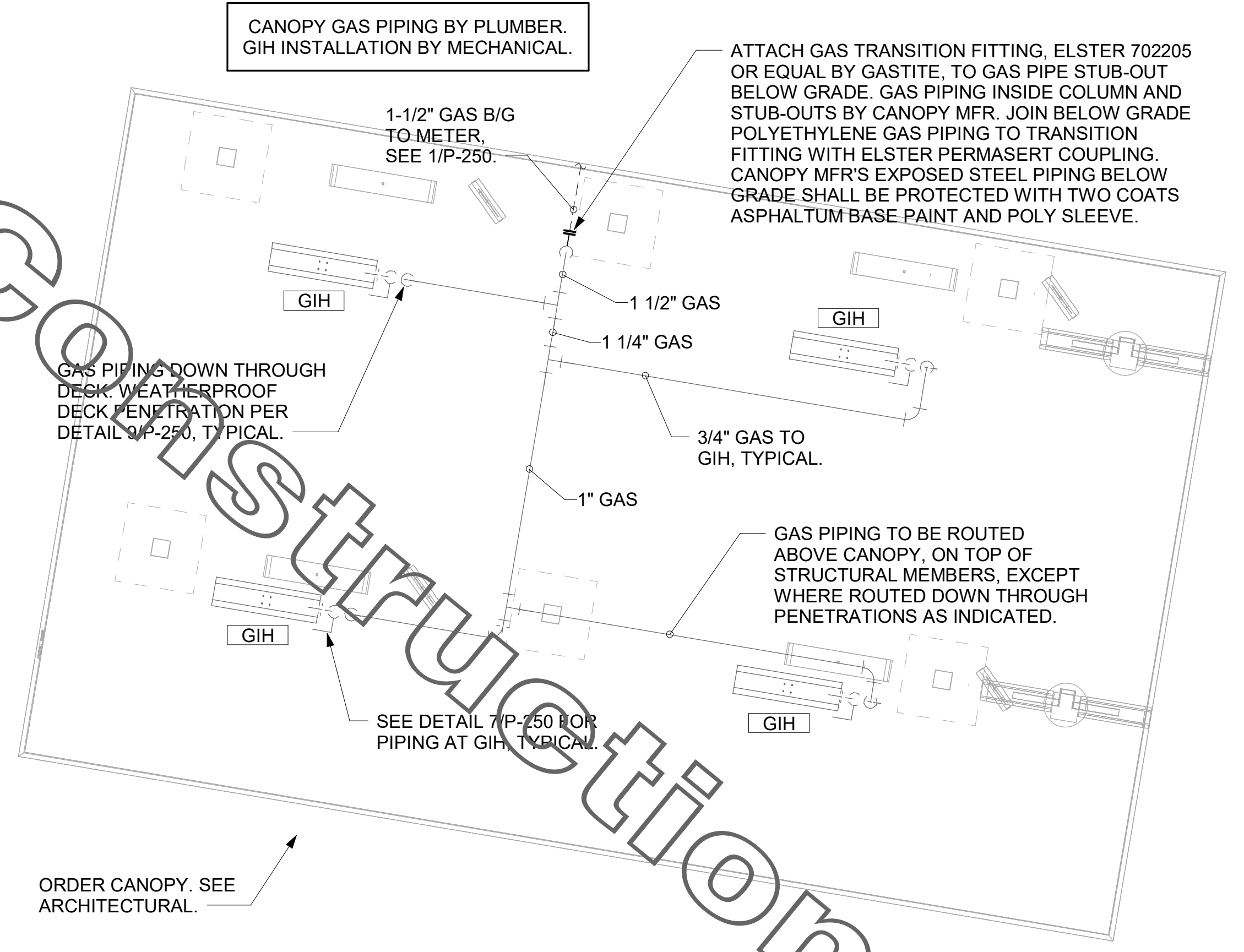


4 WEATHERPROOFING AT CANOPY PENETRATION  
NOT TO SCALE

LEGEND			
GIH#1	GAS INFRARED HEATER #1 (TYP.)	B/G	BELOW GRADE
---	NEW GAS PIPING ABOVE GRADE	EC	ELECTRICAL CONTRACTOR
---	NEW GAS PIPING BELOW GRADE	MC	MECHANICAL CONTRACTOR

**CANOPY GENERAL NOTES**

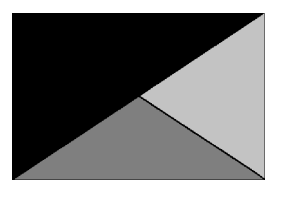
- COORDINATE NEW WORK WITH EXISTING CONDUIT, STRUCTURE, AND PIPING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK.
- COORDINATE LOCATION AND RESPONSIBILITIES FOR UNDERGROUND PIPING AND ASSOCIATED TRENCHING WITH GENERAL CONTRACTOR PRIOR TO START OF WORK.
- EXPOSED GAS PIPING SHALL BE PAINTED BY GENERAL CONTRACTOR.
- ACTUAL NUMBER OF GAS INFRARED HEATERS WILL BE DETERMINED BY SITE-SPECIFIC CANOPY LAYOUT AND EQUIPMENT LOCATIONS, AS INDICATED ON ARCHITECTURAL PLANS.



1 ORDER CANOPY PIPING PLAN  
1/4" = 1'-0"



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



**Kurzynske & Associates**  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



03/30/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**

BUILDING TYPE / SIZE: P13 LSR ALL  
RELEASE: v2.20.08

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASE FOR CONSTRUCTION  
DATE 11/17/2020  
DRAWN BY AK

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET CANOPY PLAN AND DETAIL  
SHEET NUMBER

**P-251**

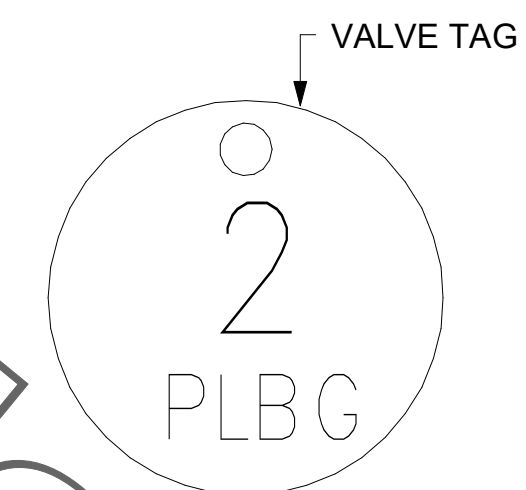
RELEASE FOR CONSTRUCTION





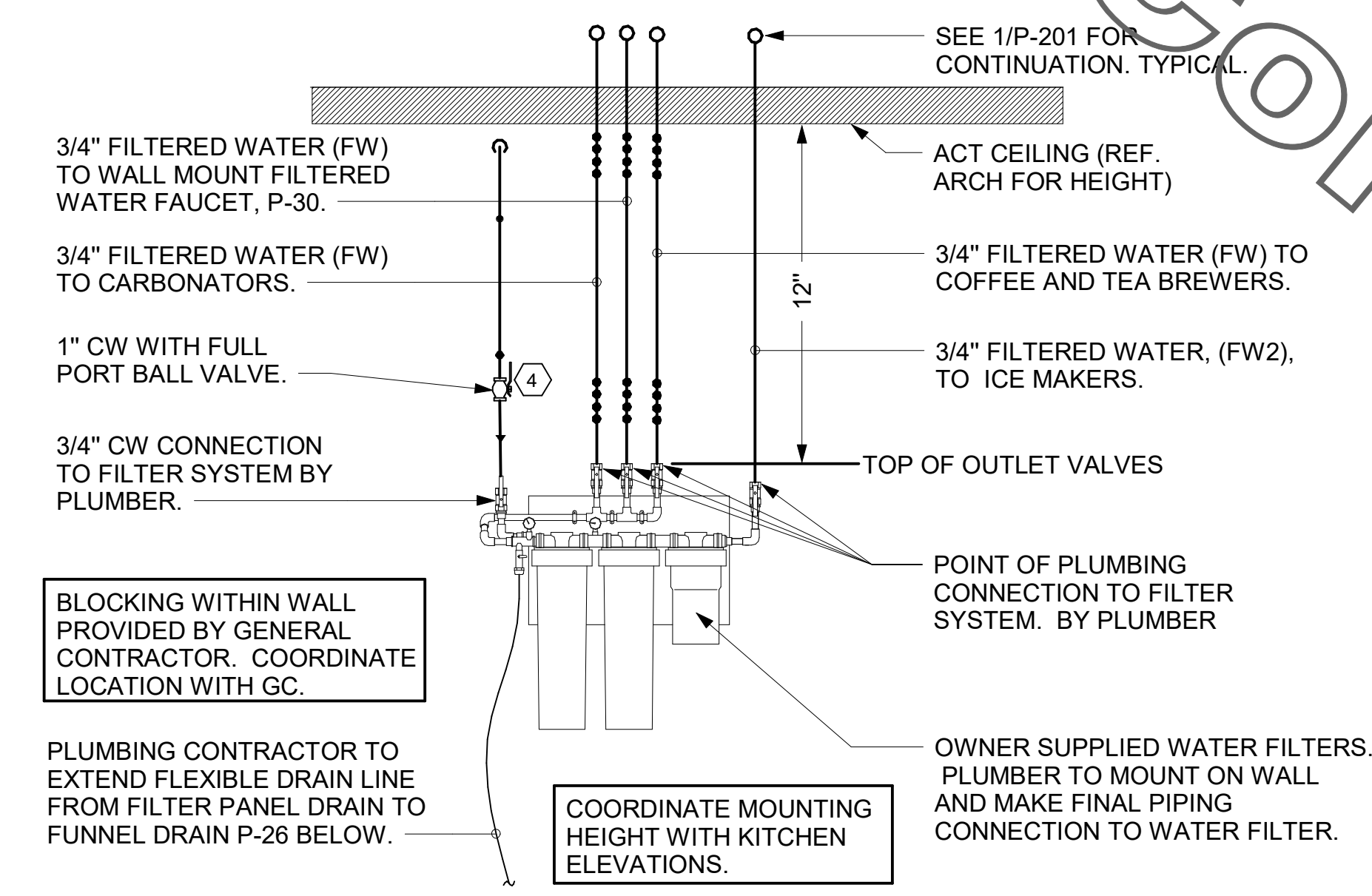
VALVE TAG LEGEND	
VALVE	VALVE POSITION
① MAIN WATER SHUT-OFF	NORMALLY OPEN
② MAIN DRAIN	NORMALLY CLOSED
③ ACCESSORY SHUT-OFF	NORMALLY OPEN
④ WATER FILTER INLET	NORMALLY OPEN
⑤ RECIRC PUMP ISOLATION VALVE	NORMALLY OPEN
⑥ WATER HEATER INLET	NORMALLY OPEN
⑦ RESTROOM & KITCHEN COLD WATER	NORMALLY OPEN
⑧ POST HYDRANT COLD WATER	NORMALLY OPEN
⑨ GAS TO WATER HEATER	NORMALLY OPEN
⑩ WATER HEATER OUTLET	NORMALLY OPEN

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



② VALVE TAG SYMBOL AS SHOWN ON DETAIL 6/P-303. 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.

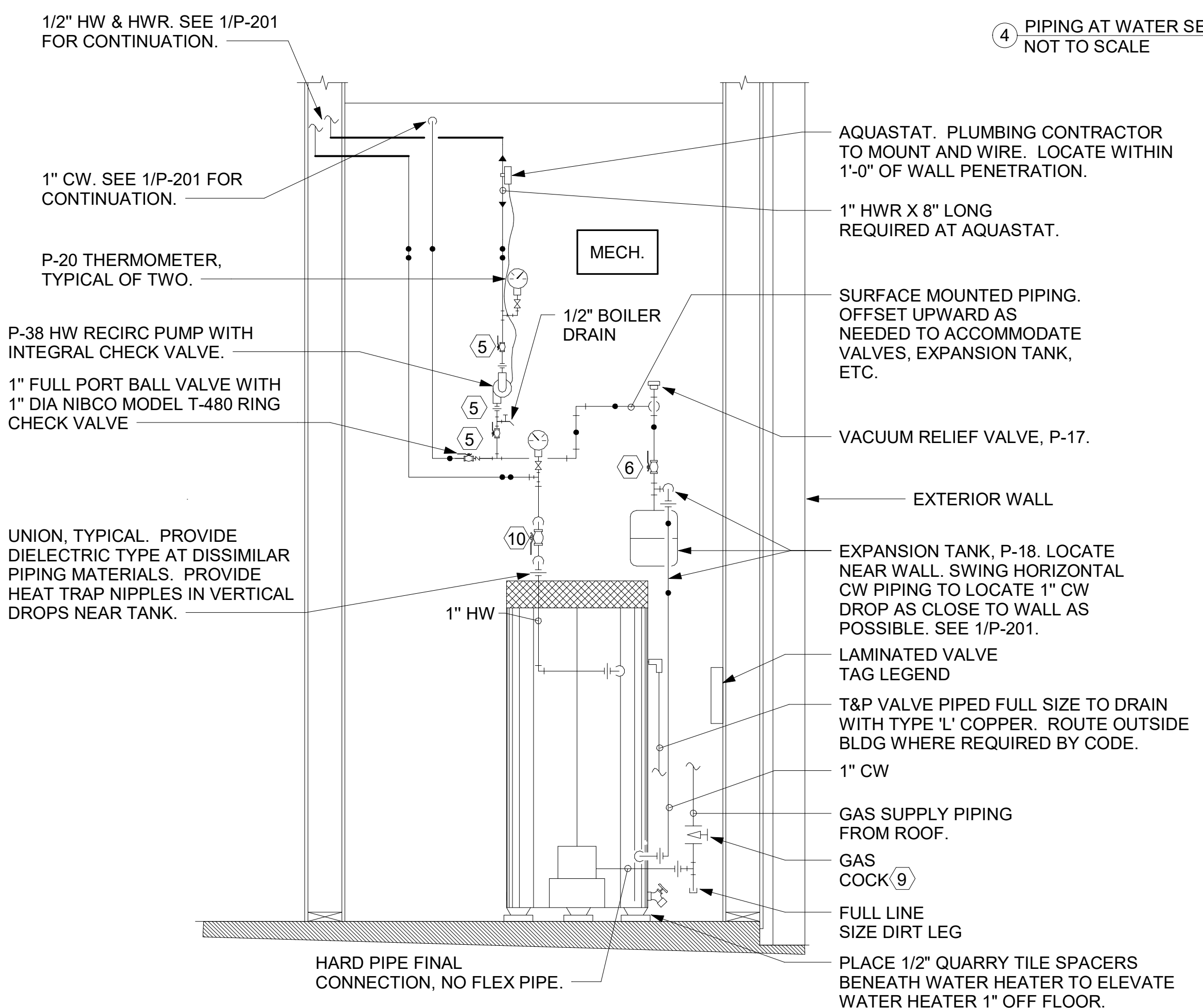
③ VALVE TAGS AND LEGEND NOT TO SCALE



⑤ PIPING AT WATER FILTER NOT TO SCALE

**NOTES TO WATER HEATER INSTALLER:**

1. POSITION VALVES AND TRIM IN MECH ROOM SUCH THAT VALVES AND TRIM ARE UNOBSTRUCTED TO VIEW AND SO THAT ACCESS FOR OPERATION OR REPAIR IS POSSIBLE WITHOUT USE OF STEP LADDERS OR NEED TO DISASSEMBLE ANY COMPONENTS.
2. VENT HEATER UP THRU MECH ROOM ROOF AND PROVIDE FRESH AIR PIPING PER MANUFACTURER'S RECOMMENDATIONS.

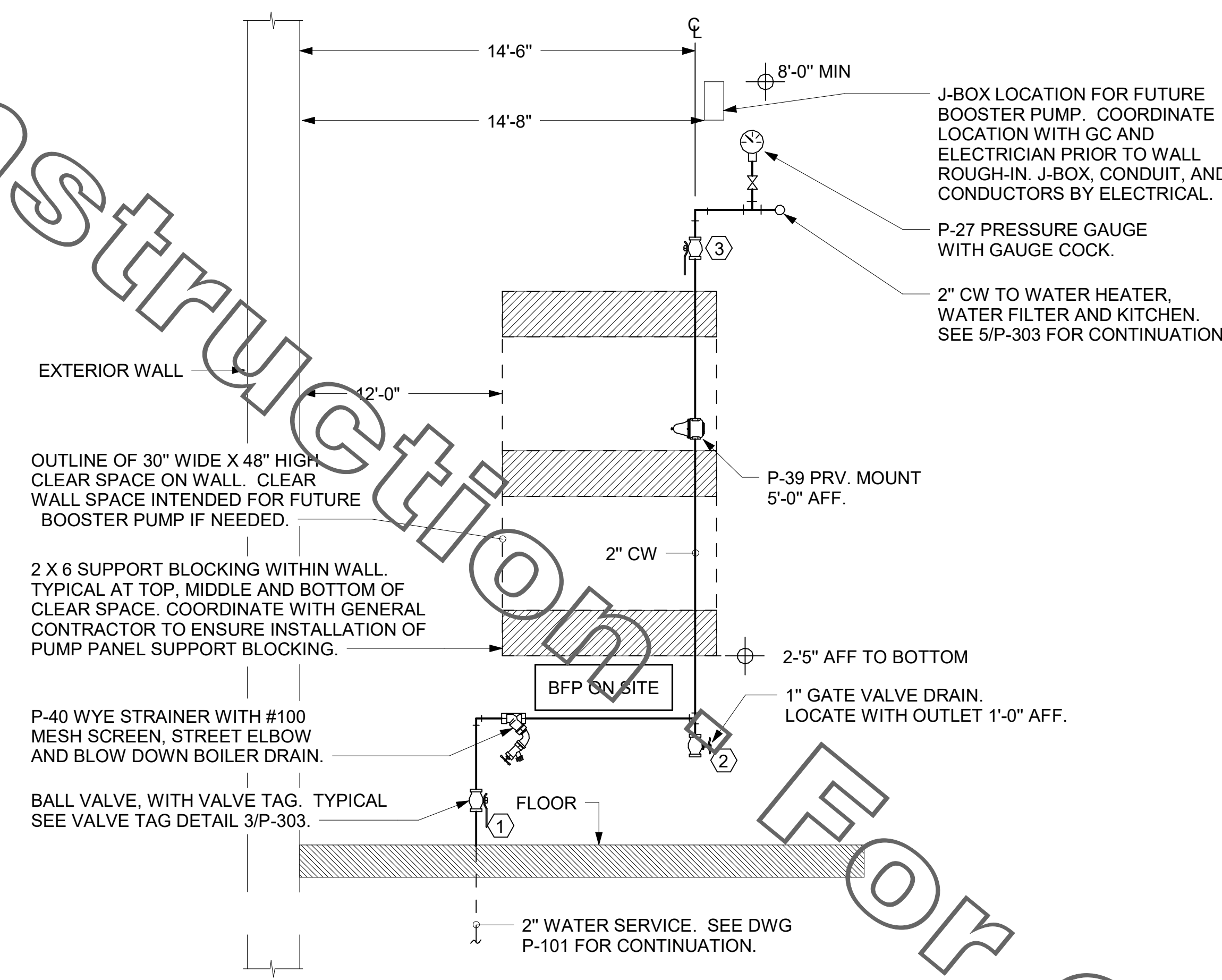


⑥ PIPING AT TANK WATER HEATER - MAIN BUILDING NOT TO SCALE

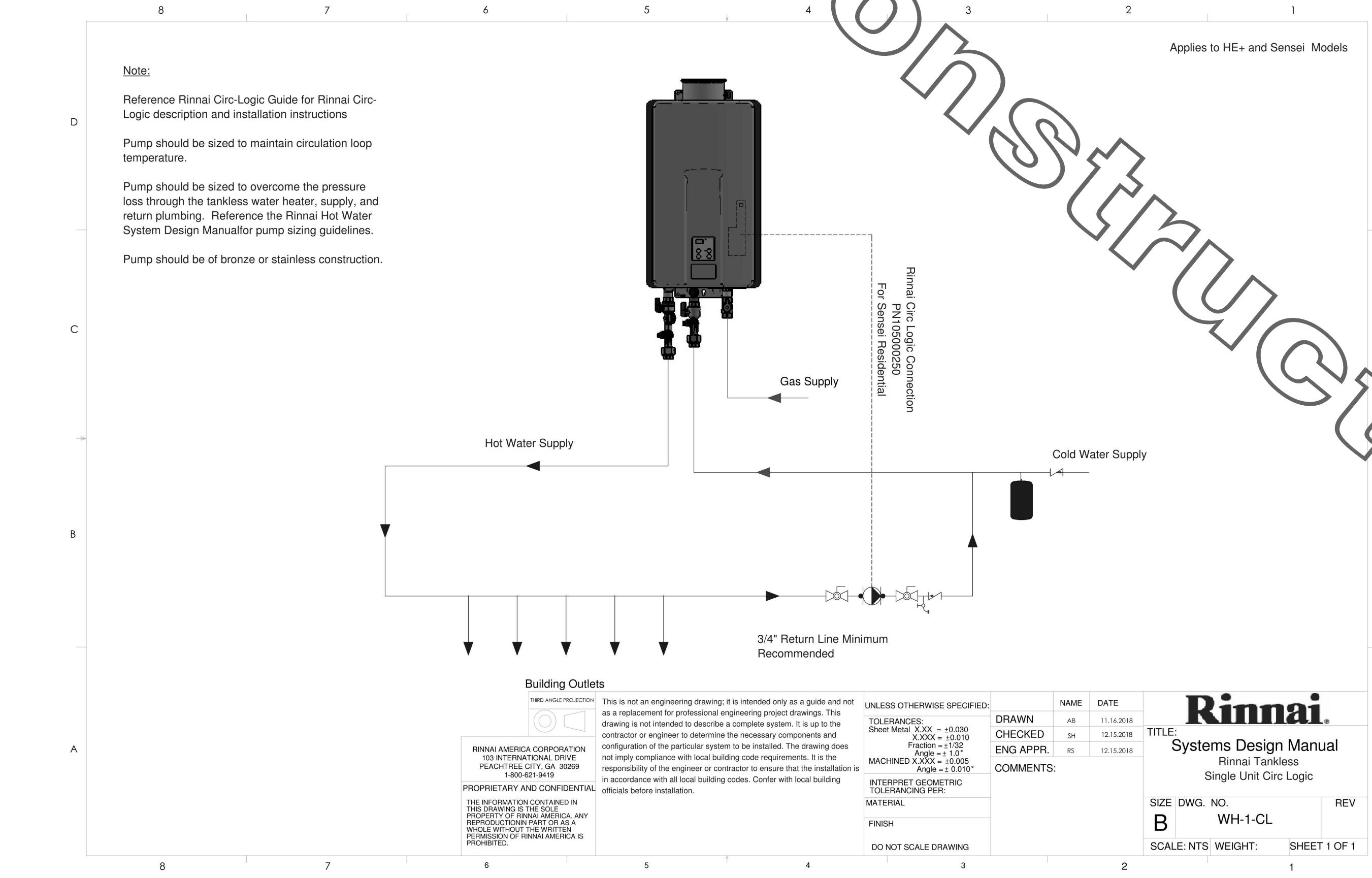
2. KITCHEN EQUIPMENT SCHEDULE							
TAG	DESCRIPTION	FW	FW2	CW	HW	WASTE	ROUGH-IN
305	TEA BREWER	1/2"	X	X	X	X	P-24, SEE K-611 & 6/P-211
308	COFFEE MAKER	1/2"	X	X	X	X	P-24, SEE K-611 & 6/P-211
318A	CARBONATOR BFP PANEL	3/4"	X	X	X	X	P-28, SEE K-611
350	WATER FILTER PANEL	(3) 3/4"	3/4"	3/4"	X	X	SEE DET 5/P-303
360E	EMERGENCY EYE WASH STATION	X	X	1/2"	1/2"	X	*1/2" TEPID WATER FROM P-42, SEE K-611 & 1/P-201
363	DISHWASHER	X	X	1/2"	X	INDIRECT TO P-13A	P-41, SEE K-611 & 1/P-201
365	POT SINK	X	X	(2) 1/2"	(2) 1/2"	INDIRECT	TWO #385F FAUCETS, P-9 SEE K-611
367	VEGETABLE PREP SINK	X	X	1/2"	1/2"	INDIRECT	#367F FAUCET, P-8 SEE K-611
367FW	FILTERED WATER FAUCET	(2) 1/2"	X	X	X	X	P-30 48" AFF.
370	MOP SINK	X	X	1/2"	1/2"	3" P-35	P-7 SEE K-611
380	ICE MAKER	X	(4) 1/2"	X	X	INDIRECT	P-23 SEE K-611 & 3/P-201
381	ICE BIN (1 HEAD)	X	X	X	X	INDIRECT	SEE DET 3/P-201
384	ICE BIN (2 HEAD)	X	X	X	X	INDIRECT	SEE DET 3/P-201
592	RETHERMALIZER	X	X	1/2"	X	INDIRECT	SEE DET 3/P-302

**NOTE OF SPECIAL IMPORTANCE:**

1. LOCATIONS OF 2" CW RISER AND CLEAR SPACE ARE DIMENSIONED BECAUSE THEY ARE CRITICAL FOR THE FUTURE PUMP PANEL INSTALLATION.
2. GENERAL CONTRACTOR SHALL ENSURE OTHER TRADES SHALL NOT INSTALL ANY OTHER BUILDING COMPONENT WITHIN CLEAR SPACE OR WITHIN 10" OF EDGES.



④ PIPING AT WATER SERVICE ENTRANCE IN MECHANICAL ROOM NOT TO SCALE



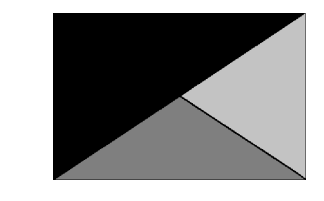
⑦ PIPING AT TANKLESS WATER HEATER - KIOSK NOT TO SCALE

1. FIXTURE CONNECTION SCHEDULE						
MARK	FIXTURE	FW	FW2	CW	HW	WASTE
P-1	WATER CLOSET - FLOOR MOUNT (1.28 GPF)	X	X	1"	X	3"
P-2	WATER CLOSET - ADA FLOOR MOUNT (1.28 GPF)	X	X	1"	X	3"
P-3	URINAL - ADA WALL HUNG (0.125 GPF)	X	X	3/4"	X	2"
P-4	LAVATORY - ADA WALL-MOUNTED (0.50 GPM)	X	X	1/2"	1/2"	1-1/4"
P-5	KITCHEN HAND SINK - WALL HUNG (1.0 GPM)	X	X	1/2"	1/2"	1-1/2"
P-5A	KITCHEN DUMP SINK - WALL HUNG (1.0 GPM)	X	X	1/2"	1/2"	1-1/2"
P-6	SINGLE COMP SINK - COUNTERTOP (1.0 GPM)	X	X	1/2"	1/2"	1-1/2"
P-7	MOP SINK	X	X	1/2"	1/2"	3"
P-8	VEGETABLE PREP SINK (0.65 GPM SPRAYER)	X	X	1/2"	1/2"	(2) 1-1/2"
P-9	POT SINK (0.65 GPM SPRAYER)	X	X	(2) 1/2"	(2) 1/2"	(4) 1-1/2"
P-10	FLOOR DRAIN (ROUND TOP)	X	X	X	X	3"
P-11	WALL HYDRANT (NON FREEZE)	X	X	3/4"	X	X
P-12	FUNNEL DRAIN (3")	X	X	X	X	3"
P-13A	FLOOR SINK (4") 12" TOP	X	X	X	X	4"
P-13B	FLOOR SINK (3") 8" TOP	X	X	X	X	3"
P-14	CLEANOUT INSIDE BUILDING	X	X	X	X	SEE PLAN
P-15	CLEANOUT OUTSIDE BUILDING	X	X	X	X	SEE PLAN
P-16	3-WAY VALVE/VACUUM BREAKER	X	X	3/4"	3/4"	X
P-17	VACUUM RELIEF VALVE	X	X	3/4"	X	X
P-18	EXPANSION TANK (TANK WH)	X	X	3/4"	X	X
P-18A	EXPANSION TANK (TANKLESS WH)	X	X	1"	X	X
P-19	TANK WATER HEATER (MAIN BLDG)	X	X	3/4"	3/4"	X
P-19A	TANKLESS WATER HEATER (KIOSK)	X	X	3/4"	3/4"	X
P-20	THERMOMETER	X	X	X	1/2"	X
P-21	BACKFLOW PREVENTER	X	X	1-1/2"	X	X
P-22	MOP SINK CHECK VALVES	X	X	1/2"	1/2"	X
P-23	UTILITY CONNECTION (ICE MAKER)	X	1/2"	X	X	X
P-24	UTILITY CONNECTION (COFFEE & TEA)	1/2"	X	X	X	X
P-25	SHOCK ABSORBER	1/2"	1/2"	1/2"	1/2"	X
P-26	FUNNEL DRAIN	X	X	X	X	3"
P-27	WATER PRESSURE GAUGE	X	X	1/4"	X	X
P-28	BALL VALVE-CARBONATOR STOP/BFP PANEL	3/4"	X	X	X	X
P-29A	ICE MACHINE TRENCH DRAIN (18")	X	X	X	X	4"
P-29B	ICE MACHINE TRENCH DRAIN (36")	X	X	X	X	4"
P-30	FILTERED WATER FAUCET	(2) 1/2"	X	X	X	X
P-31	DUMPSTER POST HYDRANT	X	X	3/4"	X	X
P-32	DUMPSTER DRAIN	X	X	X	X	3"
P-33	TRAP PRIMER (MECHANICAL TYPE)	X	X	1/2"	X	X
P-34	DISPENSER BACKFLOW PREVENTER	1/2"	X	X	X	X
P-35	FLOOR DRAIN	X	X	X	X	3"
P-36	BEVERAGE TOWER INDIRECT RECEIVER	X	X	X	X	3"
P-37	FLOOR DRAIN (SQUARE TOP)	X	X	X	X	3"
P-38	HW CIRCULATING PUMP (TANK WH)	X	X	X	1/2"	X
P-38A	HW CIRCULATING PUMP (TANKLESS WH)	X	X	X	1/2"	X
P-39	PRESSURE REDUCING VALVE	X	X	2"	X	X
P-40	WYE STRAINER	X	X	2"	X	X
P-41C	DISHWASHER SUPPLY VALVES - CHAMPION	X	X	3/4"	X	X
P-42	EMERGENCY EYE WASH MIXING VALVE	X	X	1/2"	1/2"	X
P-43	RETHERMALIZER SUPPLY VALVE	X	X	3/4"	X	X

② DO NOT MANIFOLD POT OR PREP SINK DRAINS TOGETHER UNLESS ALLOWED BY LOCAL AUTHORITY.



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



**Kurzynske & Associates**  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



03/30/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**  
BUILDING TYPE / SIZE: P13 LSR ALL  
RELEASE: v2.20.08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
4	03/15/22	Construction Set

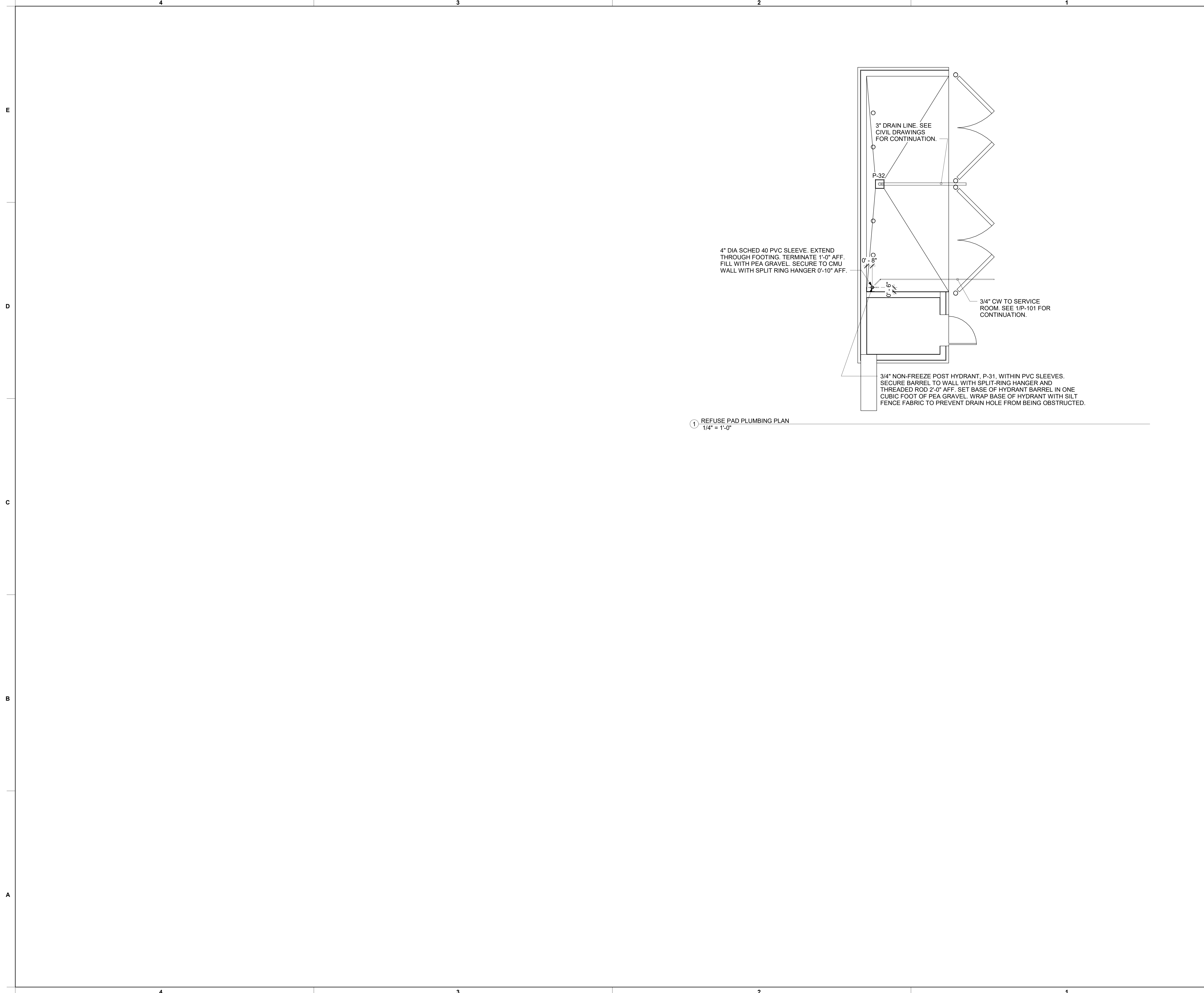
CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASE FOR CONSTRUCTION  
DATE 11/17/2020  
DRAWN BY AK

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
SHEET DETAILS AND SCHEDULES  
SHEET NUMBER

**P-303**

BIM: 360/JGA\_04553\_Ponce and Blvd\_Atlanta\_FSR\_P13\_LSR\_SML04553\_Ponce&Blvd\_LSR\_PLB.rvt  
3/29/2022 3:31:00 PM  
40-LSR-04553-P-303-DETAILS AND SCHEDULES

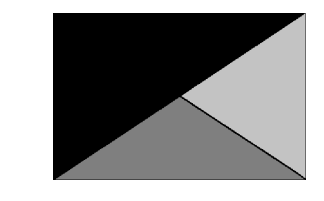
BIM: 360//GA\_04553\_Ponce and Blvd\_Atlanta\_FSR\_P13\_LSR\_SML04553\_Ponce&Blvd\_LSR\_PLB.rvt  
 6/2/2022 8:30:12 AM  
 40-LSR-04553-P-304-REFUSE ENCLOSURE PLAN



1 REFUSE PAD PLUMBING PLAN  
 1/4" = 1'-0"



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



**Kurzynske & Associates**  
 2900 Lebanon Pike, Ste 201  
 Nashville, Tennessee 37214  
 Telephone: (615) 255-5203  
 Fax: (615) 255-5207  
 Email: mail@kurzynske.com



06/02/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
 689 Blvd NE  
 Atlanta, GA 30308

**FSR#04553**  
 BUILDING TYPE / SIZE: P13 LSR ALL  
 RELEASE: v2.20.08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
3.3	05/31/2022	SITE WALL #2 & REFUSE ENCLOSURE

CONSULTANT PROJECT #	20127.CC.S
PRINTED FOR	PERMIT
DATE	11/17/2020
DRAWN BY	AK

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET: REFUSE ENCLOSURE PLAN  
 SHEET NUMBER: P-304

RELEASED FOR CONSTRUCTION

1. SECTION C15100 - PLUMBING SPECIFICATIONS

PART I - PRODUCTS (C15100)

1.01 GENERAL REQUIREMENTS

A. THE FOLLOWING SPECIFICATIONS ARE THE MINIMUM REQUIREMENT. WHERE FEDERAL, STATE OR LOCAL REQUIREMENTS DIFFER FROM THIS SPECIFICATION, THE MORE STRINGENT OF THE TWO SHALL BE FOLLOWED.

1.02 SCOPE

- A. HOT AND COLD POTABLE WATER PIPING ABOVE SLAB SHALL BE TYPE 'L' HARD DRAWN COPPER OR FLOWGUARD GOLD CPVC AS MANUFACTURED BY NIBCO OR CHARLOTTE PIPE & FOUNDRY AND MEETING ASTM D-2846. FILTERED WATER PIPING SHALL BE FLOWGUARD GOLD CPVC. HOT AND COLD PIPING WITHIN WALLS BEHIND KITCHEN HOODS SHALL BE COPPER.
B. POTABLE WATER PIPING BELOW SLAB AND OUTSIDE BELOW GRADE SHALL BE TYPE "K" SOFT ANNEALED SEAMLESS. NO JOINTS SHALL BE ALLOWED BELOW SLAB.
C. COPPER PIPE FITTINGS SHALL BE WROUGHT COPPER SWEEP PATTERNS FITTINGS SOLDERED USING 95-5 LEAD-FREE SOLDER MEETING ASTM B-82 OR BRAZED WITH SIL-FOS.
D. WATER PIPING DOWNSTREAM OF SOFT DRINK CARBONATORS SHALL BE PROVIDED AND INSTALLED BY LOCAL SOFT DRINK VENDOR.
E. CPVC FITTINGS FOR PIPING SHALL BE SOLVENT WELD TYPE MEETING ASTM D-2846 WITH CEMENTS MEETING ASTM F-493 AND PRIMER MEETING ASTM F-656.
F. NIPPLES, ELBOWS, AND OTHER ACCESSORY FITTINGS REQUIRED TO COMPLETE ANY WATER PIPING CONNECTION SHALL BE BRASS OR OF SIMILAR TYPE METAL AS THE FITTING TO WHICH IT IS CONNECTED.
G. ALL HVAC CONDENSATE PIPING SHALL BE SCHEDULE 40 CPVC DWV AS MANUFACTURED BY CHARLOTTE PIPE AND MEETING ASTM D-1784, D-1785 AND D-2665.
H. U.N.O., ALL SANITARY WASTE, VENT, STORM DRAINAGE PIPING AND FITTINGS INSIDE THE BUILDING, ABOVE AND BELOW GRADE, AND FOR ROOFTOP CONDENSATE, SHALL BE SOLID WALL SCHEDULE 40 PVC DWV AS MANUFACTURED BY CHARLOTTE PIPE AND MEETING ASTM D-2865 AND D-2949.
I. DWV PIPE AND FITTINGS WITHIN WALLS BEHIND KITCHEN HOODS SHALL BE SERVICE WEIGHT HUBLESS CAST IRON WITH SLEEVE, SHIELD, AND DRAWBAND JOINTS MEETING ASTM A-888 AND ASTM C-564.
J. PVC-DWV FITTINGS FOR PIPING SHALL BE SOLVENT WELD TYPE INSIDE AND UNDERSLAB MEETING ASTM D-2865, D-3311 AND F-186.
K. PROVIDE 1" THICK PIPE INSULATION FOR ALL ABOVE SLAB HOT AND TEMPERED WATER PIPING.
L. PIPE INSULATION AND COVERINGS SHALL HAVE A RATING OF NOT GREATER THAN 25 FLAME SPREAD, NO HIGHER THAN 50 SMOKE DEVELOPED, AND NO MORE THAN 50 FUEL CONTRIBUTED.
M. A PVC 25/50 PRE-FORMED COVER SHALL BE PROVIDED AT ALL INSULATED PIPING FITTINGS EQUAL TO PROTO PVC CORP LOSMOKE, 800-875-7768.
N. ALL ABOVE GRADE NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL MEETING ASTM A53 WITH SCREWED OR WELDED FITTINGS AND GASKET TYPE UNIONS AND FLANGES.
O. ALL BELOW GRADE NATURAL GAS PIPING SHALL BE MEDIUM DENSITY POLYETHYLENE (PE) MEETING ASTM D2513 AS MANUFACTURED BY GASTITE WITH JOINING SYSTEM AS MANUFACTURED BY CON-STAB.
P. EXPOSED SUPPORTS AND ATTACHMENTS SHALL BE STAINLESS STEEL, CHROME OR CHROME PLATED.
Q. USE MATERIALS SPECIFIED ON THESE PLANS. SUBSTITUTIONS ARE ALLOWED ONLY IF SPECIFIED MATERIALS ARE UNAVAILABLE.
R. EXPOSED SUPPORTS AND ATTACHMENTS SHALL BE STAINLESS STEEL, CHROME OR CHROME PLATED.
S. EXPOSED SUPPORTS AND ATTACHMENTS SHALL BE STAINLESS STEEL, CHROME OR CHROME PLATED.

- T. TRENCHING AND BACKFILLING SHALL BE DONE IN ACCORDANCE WITH LATEST O.S.H.A. AND APPLICABLE SAFETY STANDARDS.
U. PROVIDE NECESSARY SHORING AND CLEANING TO KEEP TRENCHES IN GOOD WORKING CONDITION, INCLUDING PUMPING OUT WATER.
V. IN MOSTLY ROCK MATERIAL, TRENCHES SHALL BE EXCAVATED TO 6" BELOW THE ELEVATION OF THE BOTTOM OF THE PIPES.
W. IN MOSTLY EARTH OR SAND MATERIAL, TRENCHES SHALL BE EXCAVATED TO 6" BELOW THE ELEVATION OF THE BOTTOM OF THE PIPES.
X. BACKFILLING AND TAMPING SHALL BE CAREFULLY DONE BY HAND SIMULTANEOUSLY ALONG BOTH SIDES OF THE PIPE USING ROCK FREE EARTH, CRUSHED STONE OR SAND UNTIL THE PIPE IS COVERED TO A DEPTH OF AT LEAST 12".
Y. ACCEPTABLE SOIL MATERIALS FOR BACKFILL AND FILL SHALL BE FREE OF CLAY, ROCK OR GRAVEL LARGER THAN 2" IN ANY DIMENSION.
Z. SURFACE SHALL BE RESTORED TO ITS ORIGINAL CONDITION.

2.02 INSTALLATION (C15100)

- A. WATER PIPING IN EXTERIOR WALL SHALL BE INSTALLED ON THE HEATED SIDE OF WALL INSULATION.
B. EXPOSED HOT AND COLD WATER TRIM FITTINGS AND ACCESSORIES IN FINISHED AREAS SHALL BE CHROME FINISHED.
C. ACCEPTABLE METHODS OF PIPE SUPPORT WITHIN WALLS SHALL BE THE SUMNER SYSTEM, POSIFIX, STAKFIX, PIPEFIX, HILDORITE OR CHANNEL.
D. PROVIDE J.R. SMITH OR APPROVED EQUAL SHOCK ABSORBERS #5005 THRU 5050 SIZE AS RECOMMENDED BY MANUFACTURER.
E. SANITARY WASTE LINES SHALL BE UNIFORMLY GRADED TO ELEVATIONS SHOWN.
F. STORM PIPING SHALL BE SLOPED AT 1/4" PER FT (2%) UNLESS NOTED OTHERWISE ON PLANS.
G. SUPPORT HORIZONTAL PIPING ACCORDING TO LOCAL PLUMBING CODE.
H. HANGERS FOR PIPING GREATER THAN 1" SHALL PASS OVER THE INSULATION.
I. INSULATION SHALL BE APPLIED WITH JOINTS TIGHTLY BUTTED.
J. PROVIDE AND INSTALL A CUT-OFF VALVE, UNION AND FULL SIZE DIRT LEG AT CONNECTION TO EACH GAS-FIRED PIECE OF EQUIPMENT.
K. COORDINATE ABOVE CEILING PIPING LOCATIONS AND ROUTING WITH HVAC CONTRACTOR.
L. ALL GAS PIPING ABOVE ROOF SHALL BE CLEANED FREE OF RUST AND PAINTED WITH COAT OF ZINC RUST PRIMER AND ONE COAT OF ALUMINUM BASE PAINT.

2.03 TESTING (C15100)

- A. POTABLE WATER PIPING SHALL BE PRESSURE TESTED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS AND MANUFACTURERS RECOMMENDATIONS.
B. THE POTABLE WATER SYSTEM SHALL BE FLUSHED OUT PROGRESSIVELY BY OPENING OUTLETS AND FLOWING WATER UNTIL IT RUNS CLEAR.
C. THE SANITARY WASTE SYSTEM SHALL BE FLUSHED OUT PROGRESSIVELY WITH FLOWING WATER UNTIL IT RUNS CLEAR.
D. THE ENTIRE SANITARY WASTE SYSTEM AND STORM DRAINAGE SYSTEM SHALL BE PRESSURE TESTED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS AND MANUFACTURERS RECOMMENDATIONS.
E. NATURAL GAS PIPING SHALL BE LEAK TESTED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS AND MANUFACTURERS RECOMMENDATIONS.

PART III - MANUFACTURERS

- 3.01 PRODUCTS - PIPING SYSTEMS, ETC (C15100)
A. HYDRANTS, CARRIERS, DRAINS, AND SHOCK ABSORBERS: ZURN. ACCEPTABLE ALTERNATES: JAY R. SMITH, JONES STEPHENS CORP, WATTS, OR JOSAM.
B. ALTERNATES TO ZURN (ZRN) FIXTURES: ONLY AS SHOWN ON PLANS.
3.02 PRODUCTS - RESTROOM FIXTURES PORCELAIN & VALVES (C15405)
A. PREFERRED FIXTURES: TOTO. NO EXCEPTION.
B. ALTERNATE FIXTURES: ONLY AS SHOWN ON PLANS.
C. FITTINGS: AS SPECIFIED ON THE PLANS. NO SUBSTITUTIONS ALLOWED.
D. FLUSH VALVES AND LAVATORY FAUCETS: TOTO MANUFACTURING. NO SUBSTITUTIONS ALLOWED.
E. PREFERRED TOILET SEATS: TOTO. ALTERNATE TOILET SEATS: CHURCH, BEMIS, AND BENEKE.
F. FLOOR SINKS: ZURN WITH ALUMINUM SEDIMENT BUCKETS. NO SUBSTITUTIONS ALLOWED.

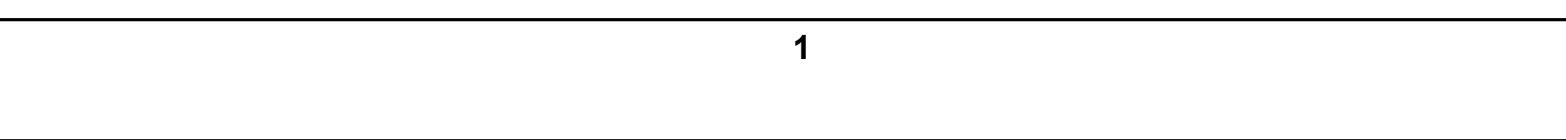
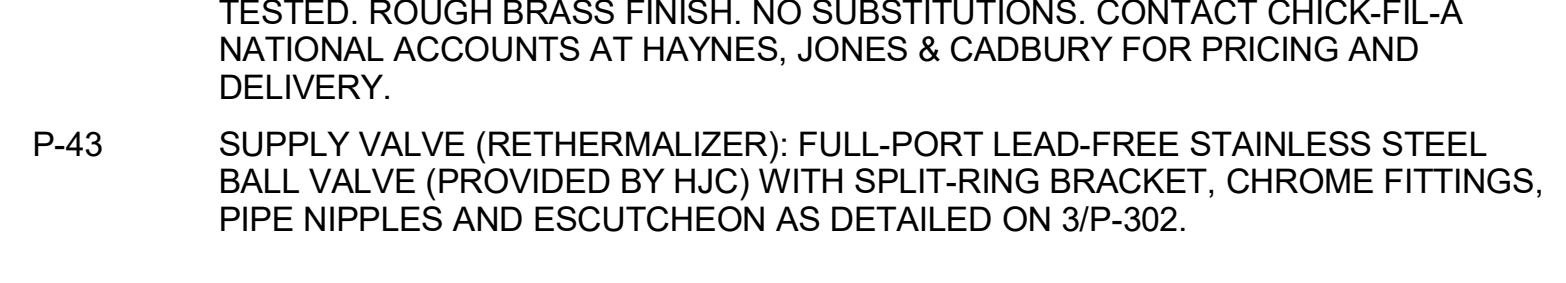
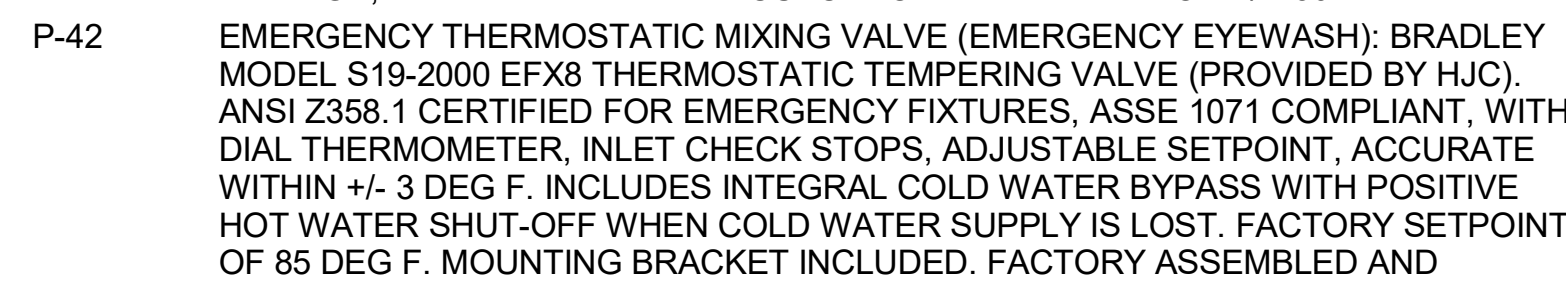
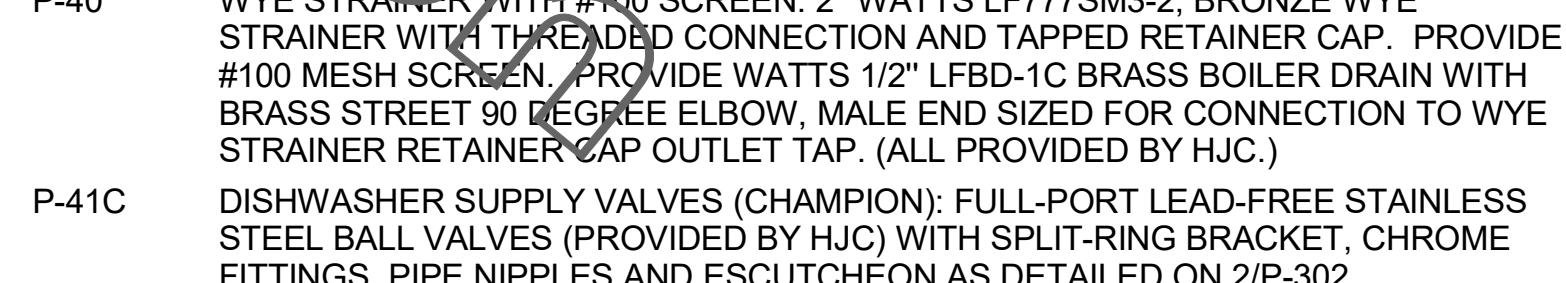
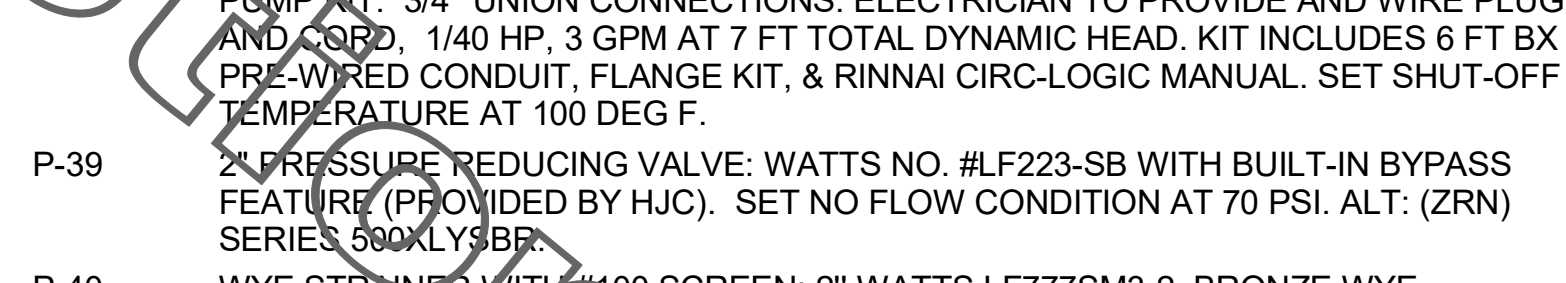
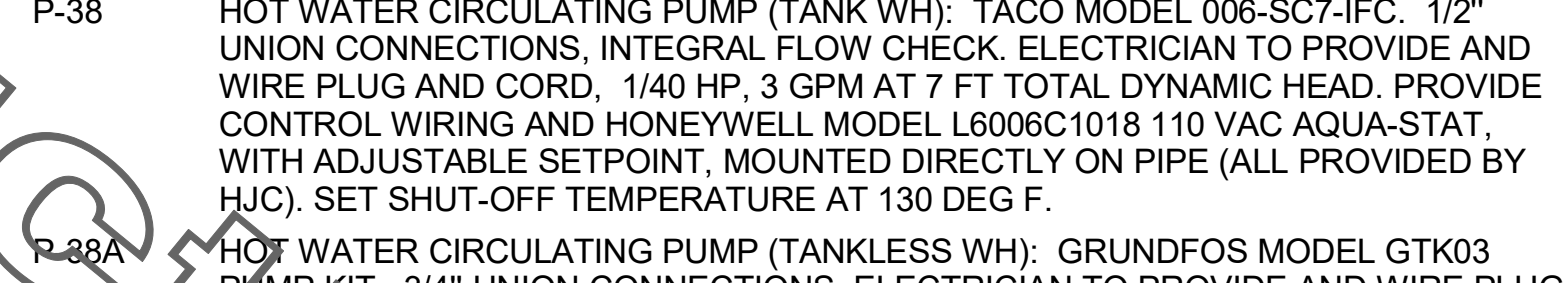
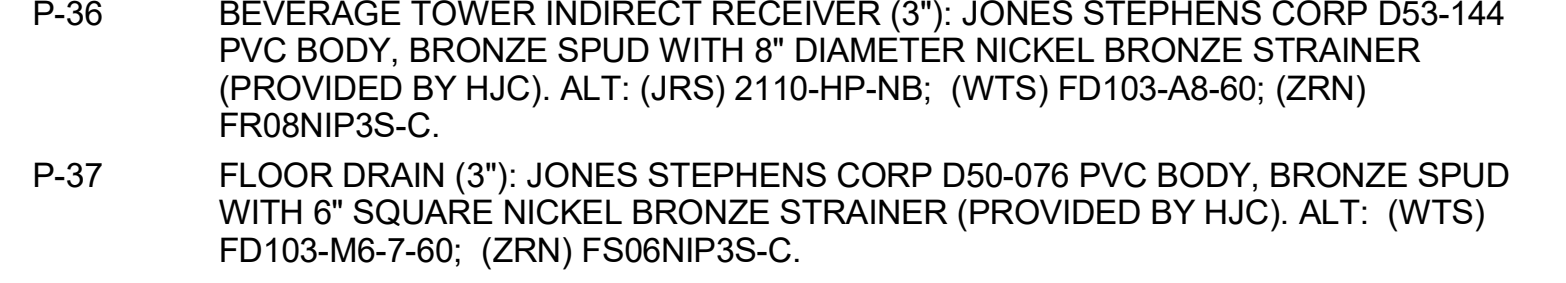
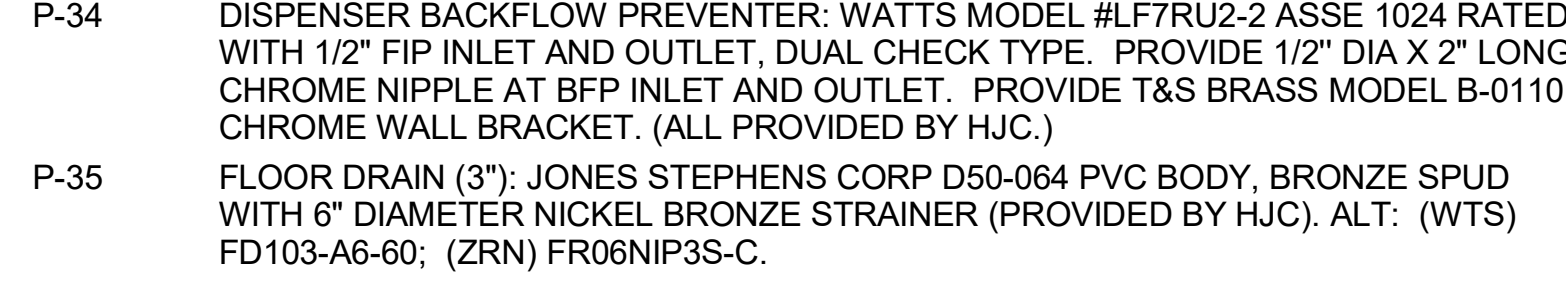
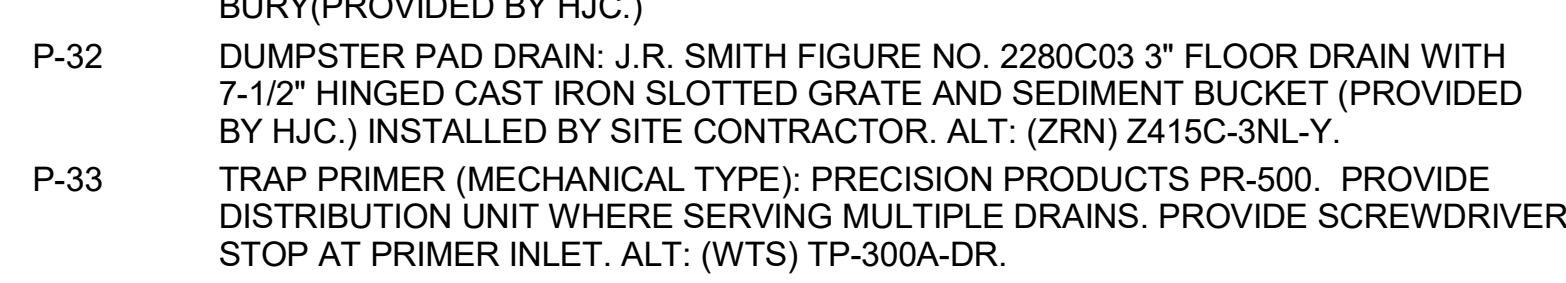
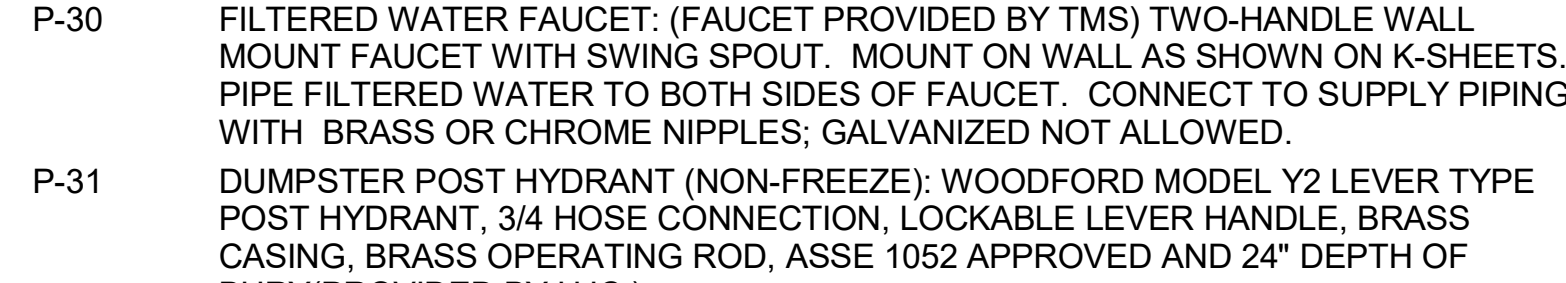
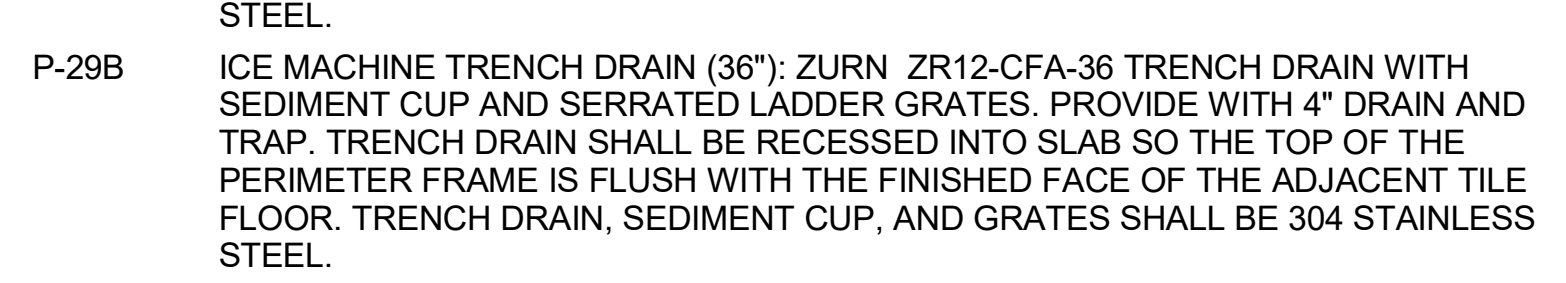
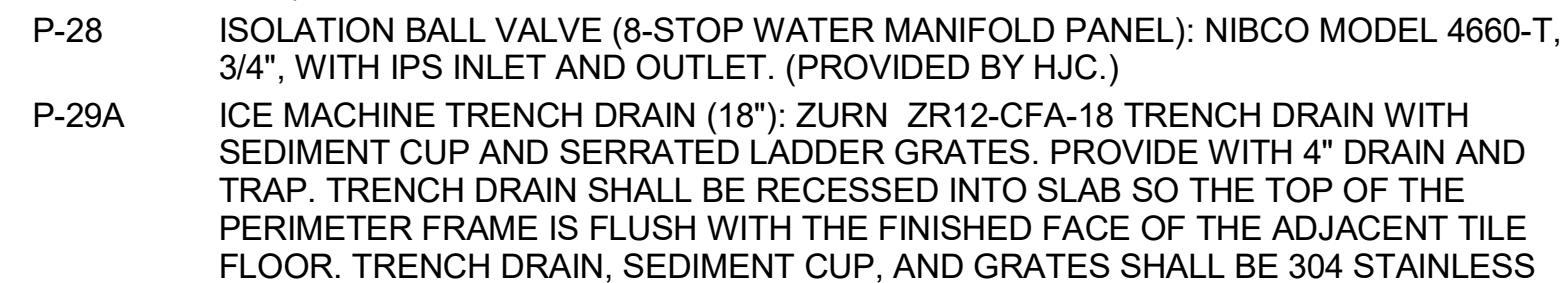
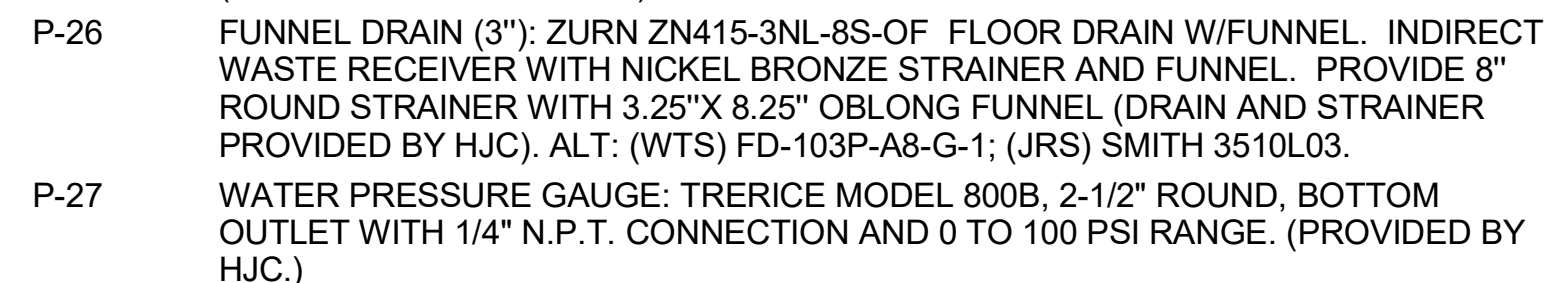
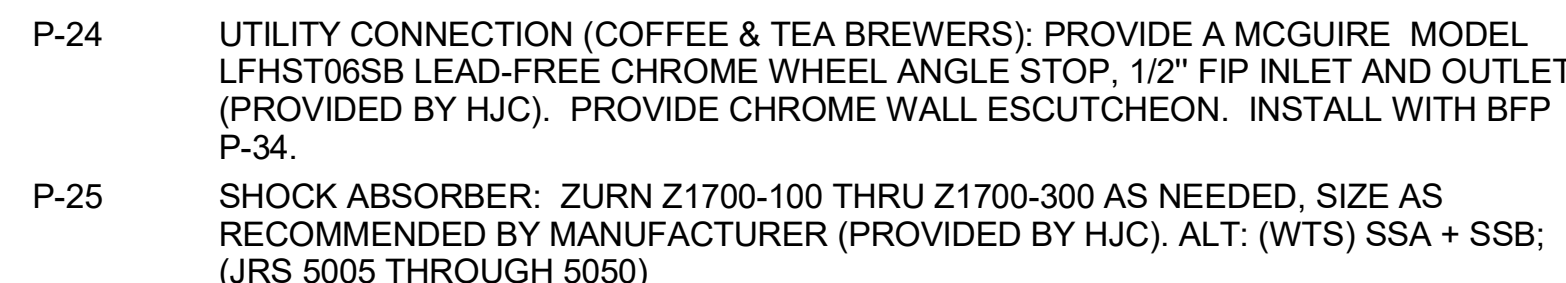
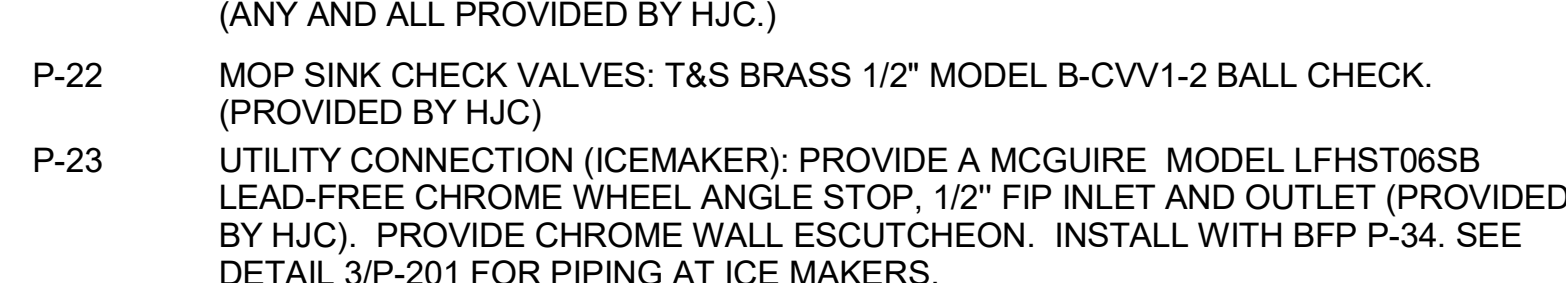
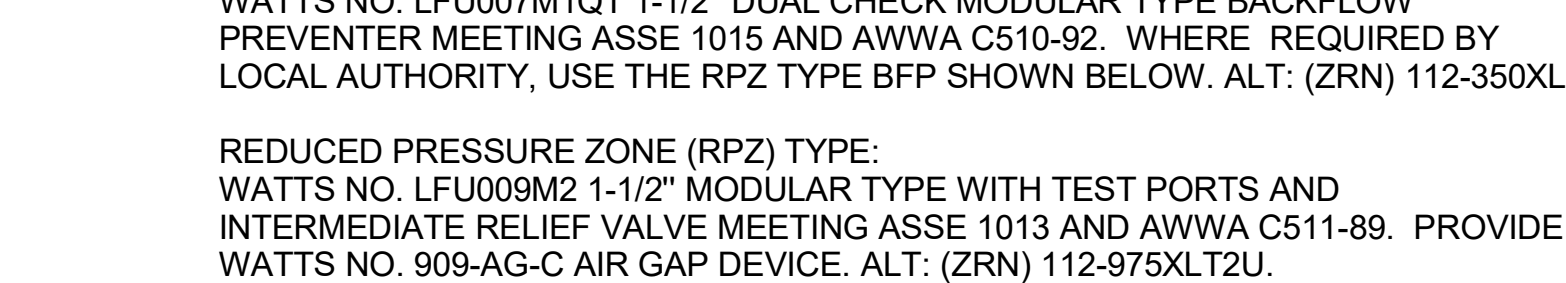
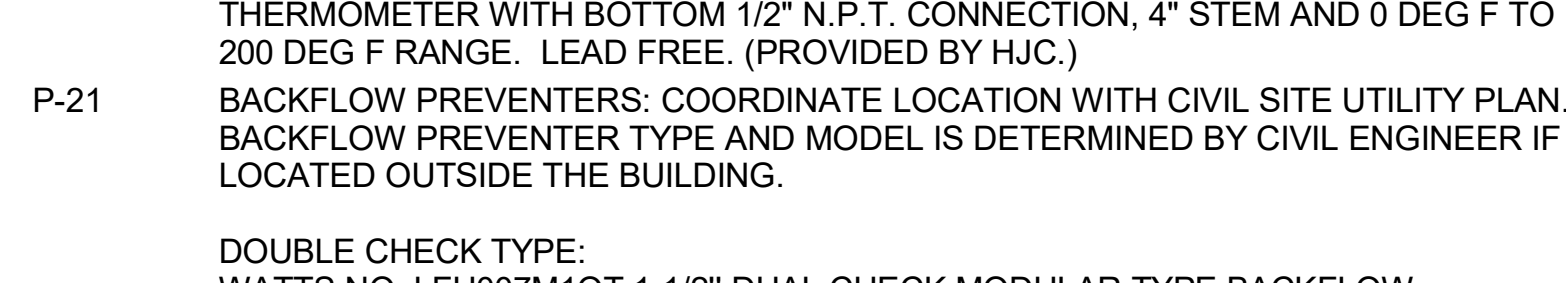
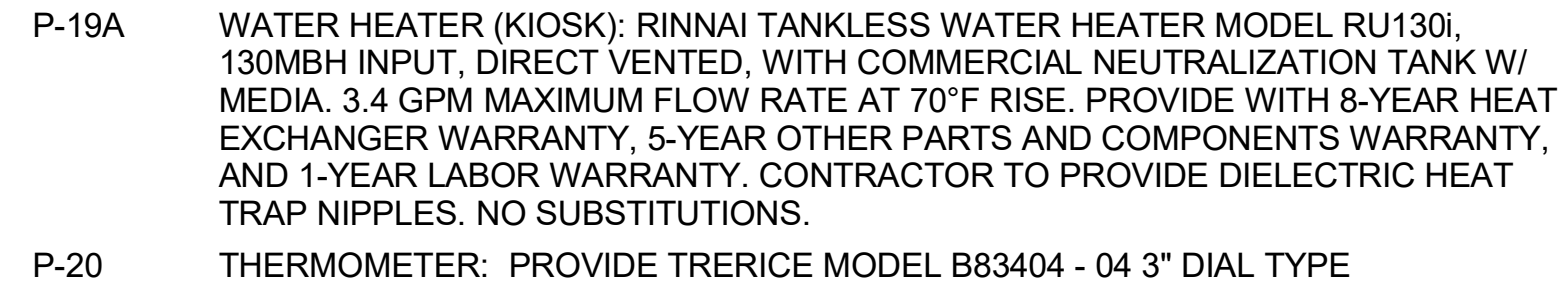
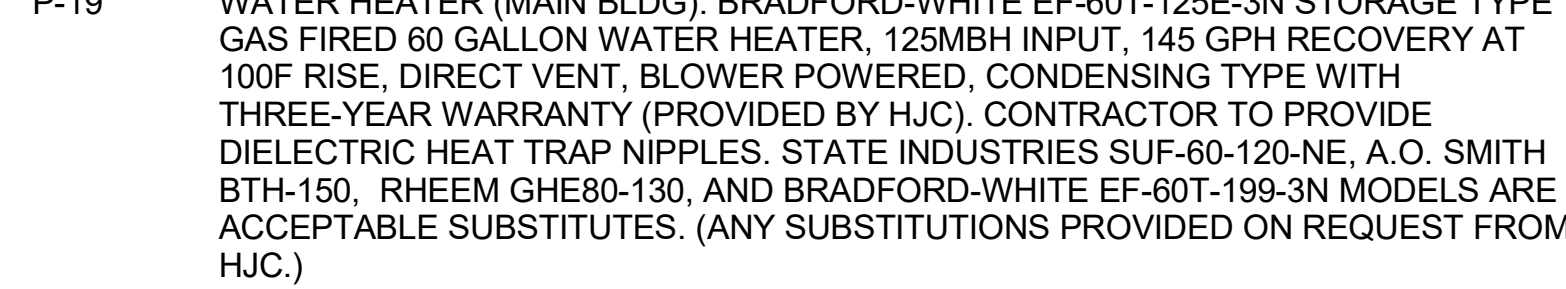
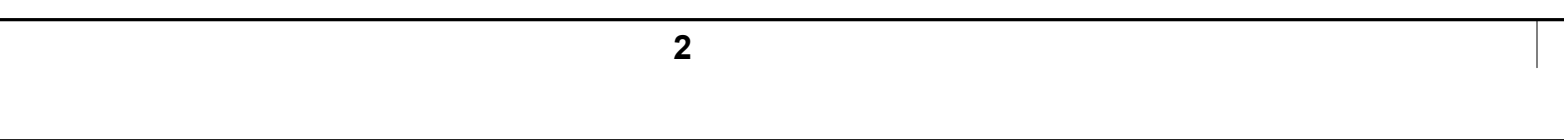
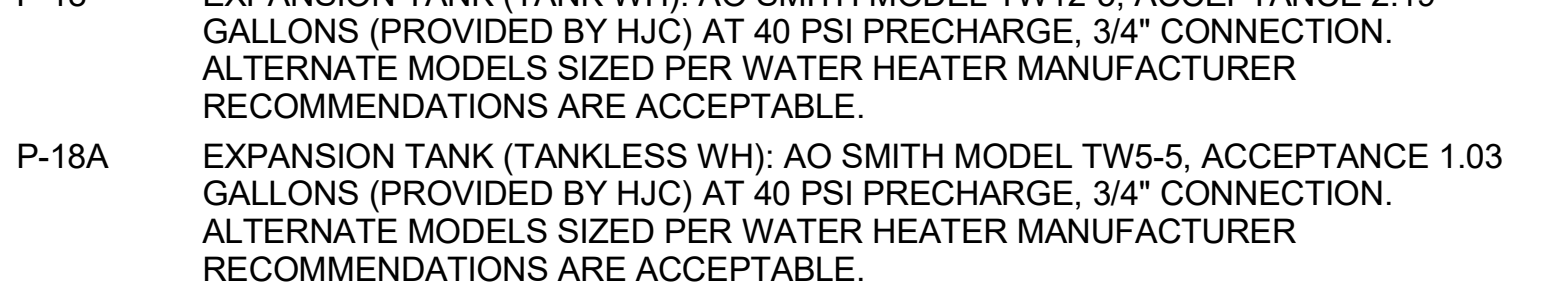
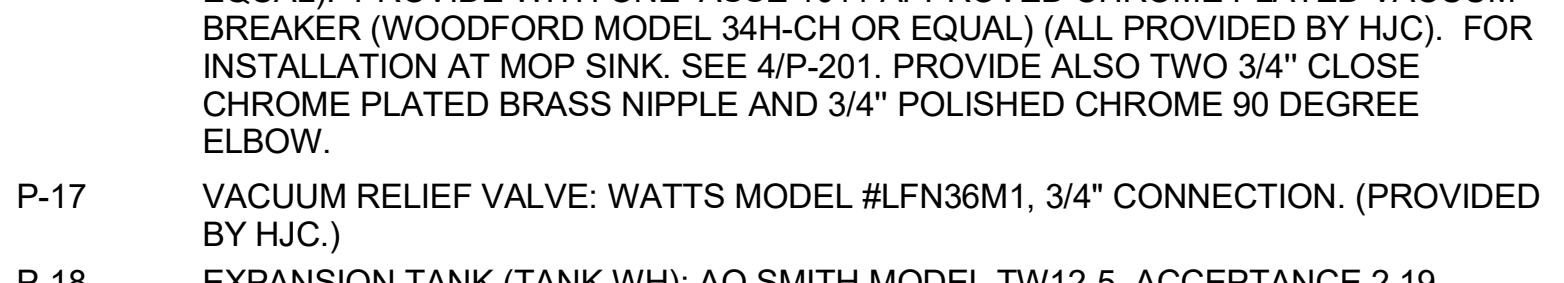
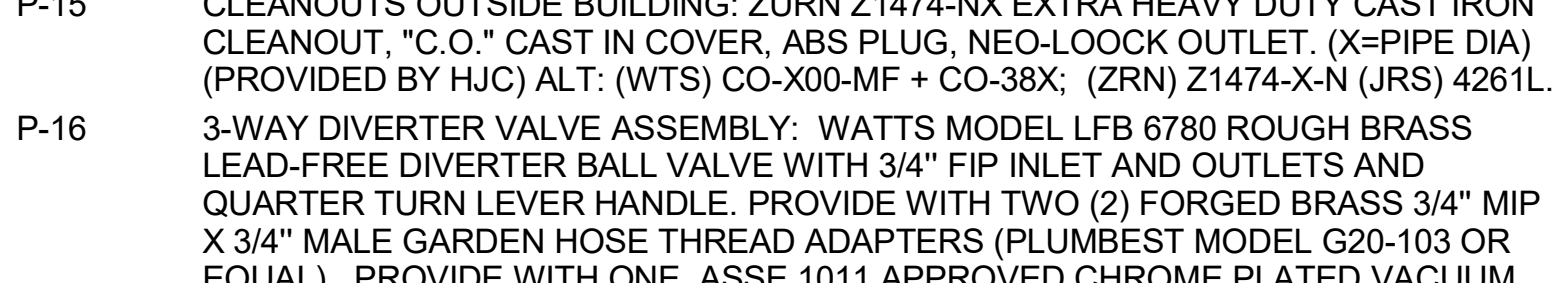
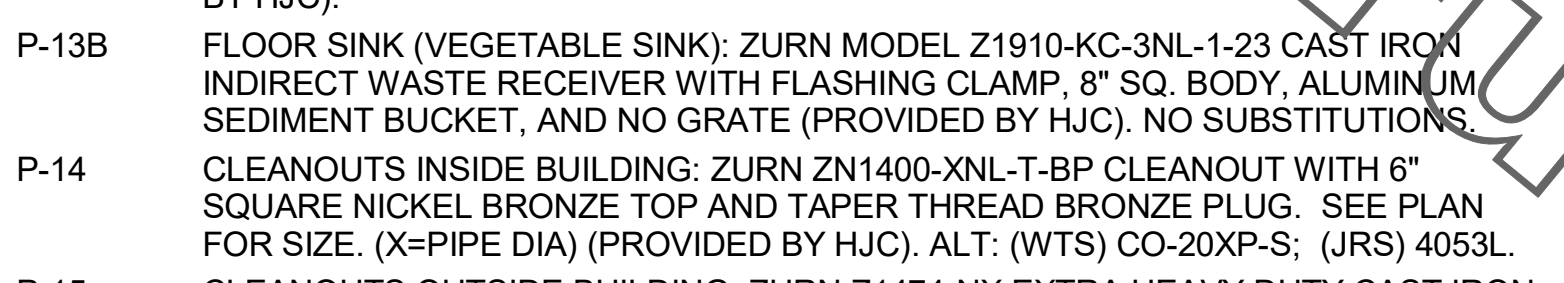
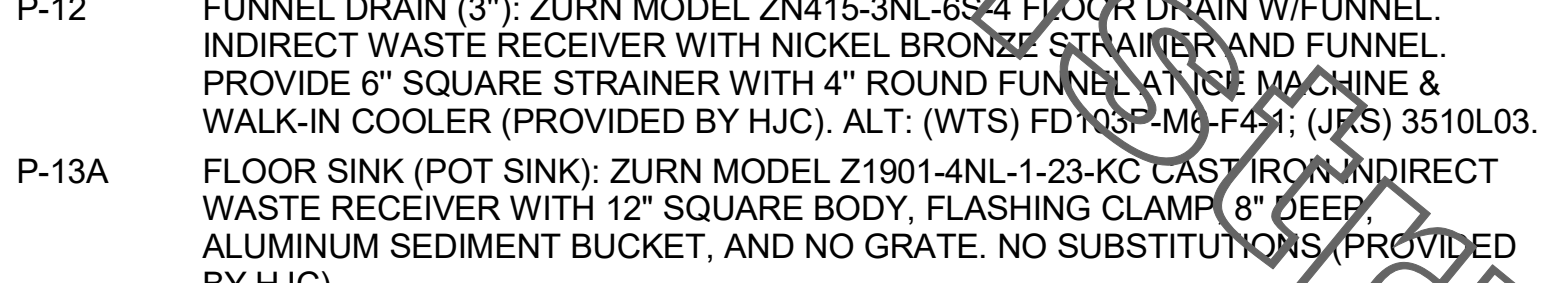
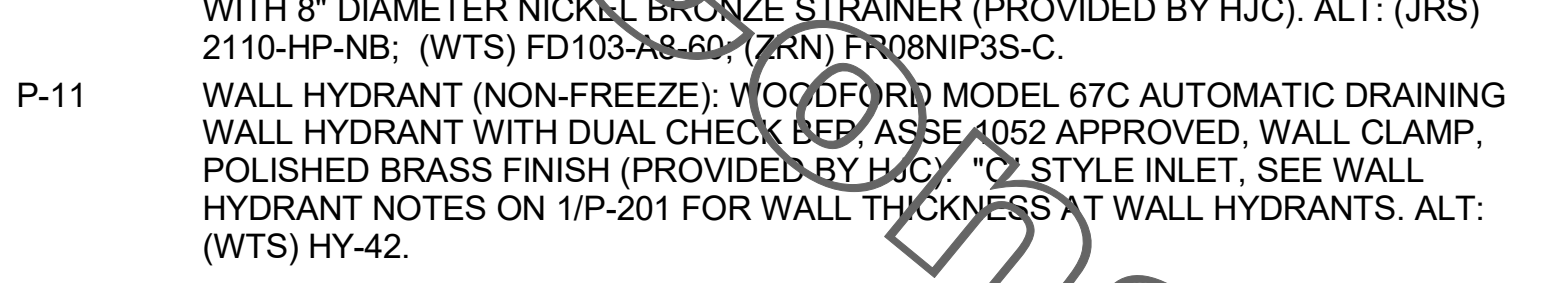
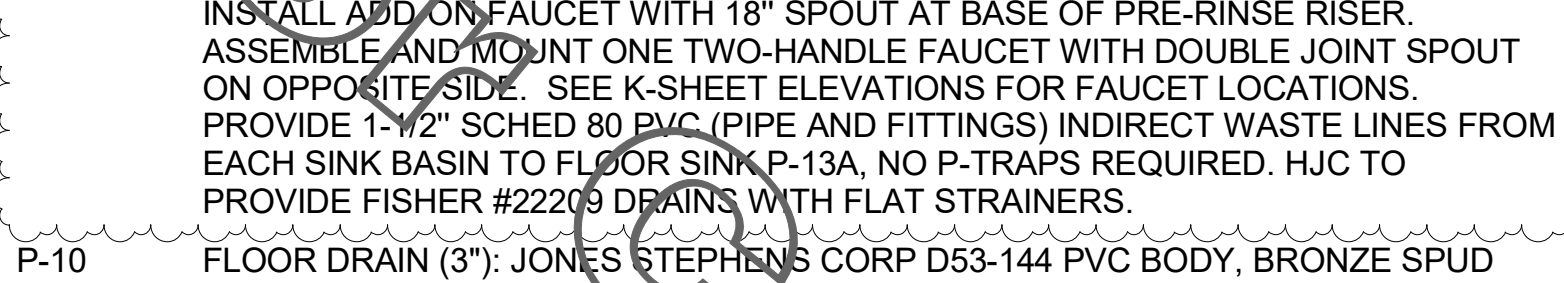
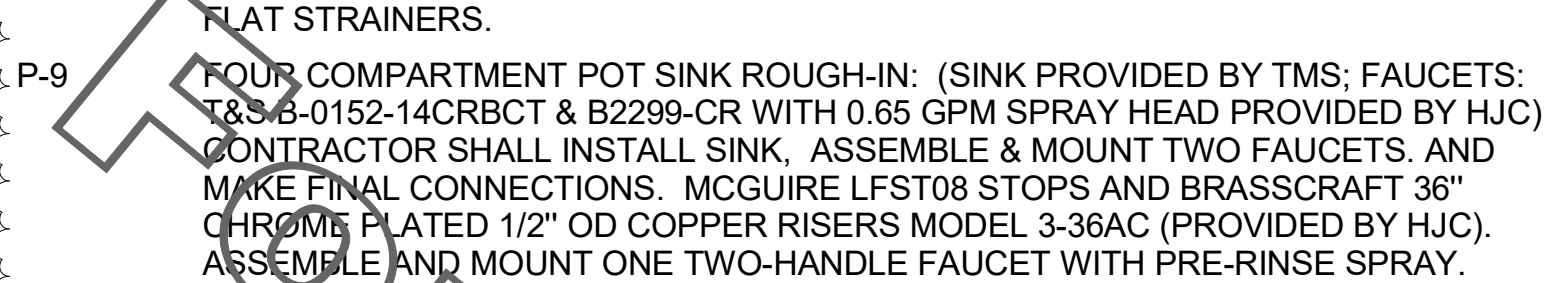
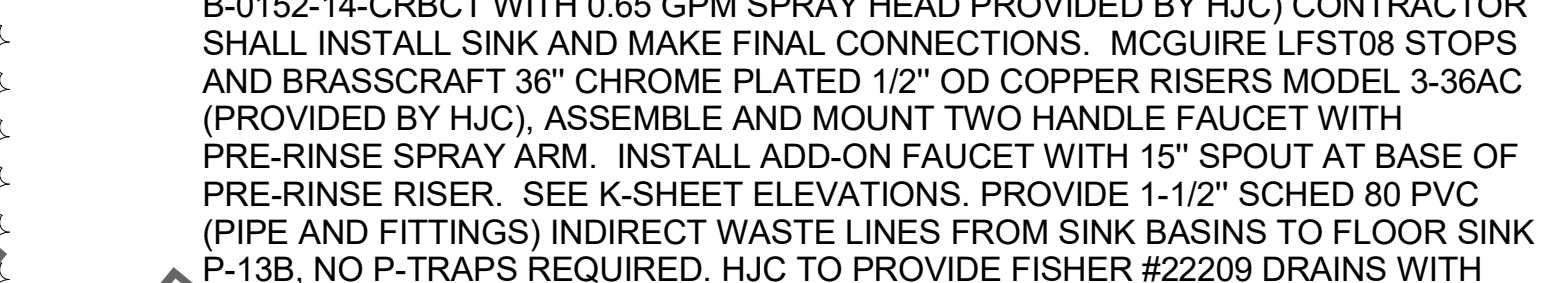
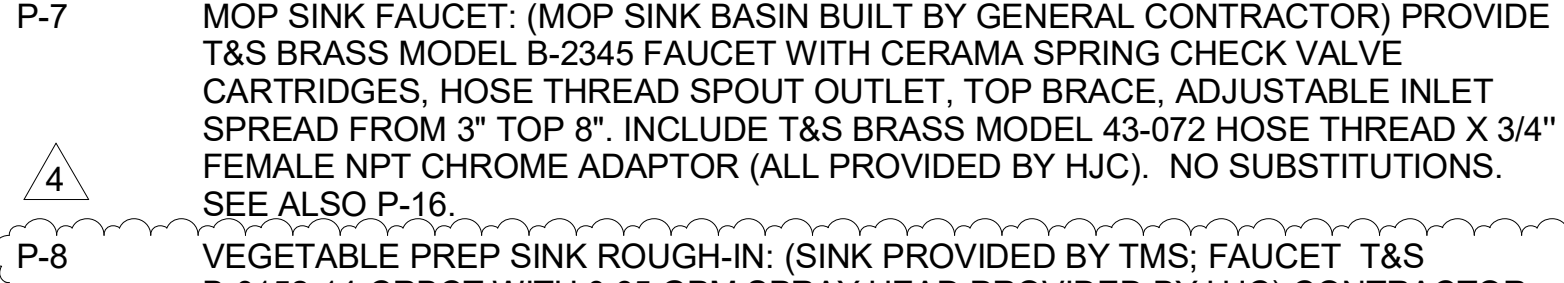
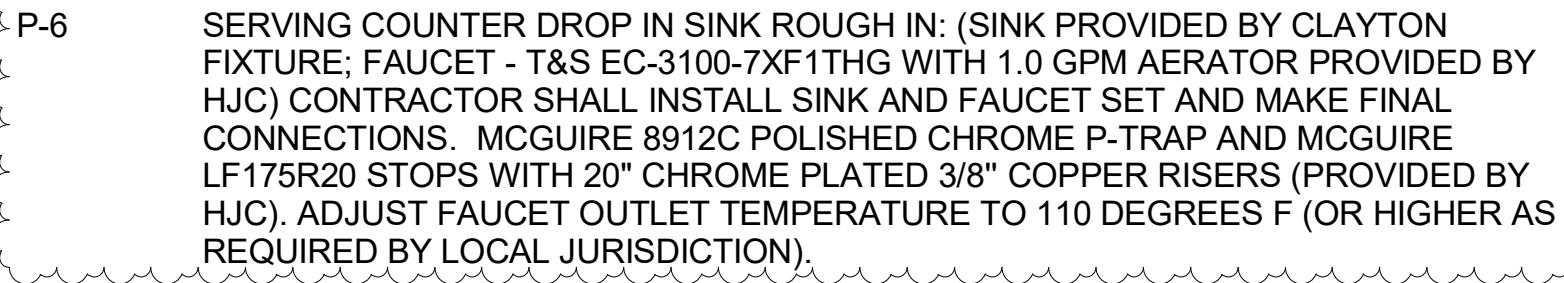
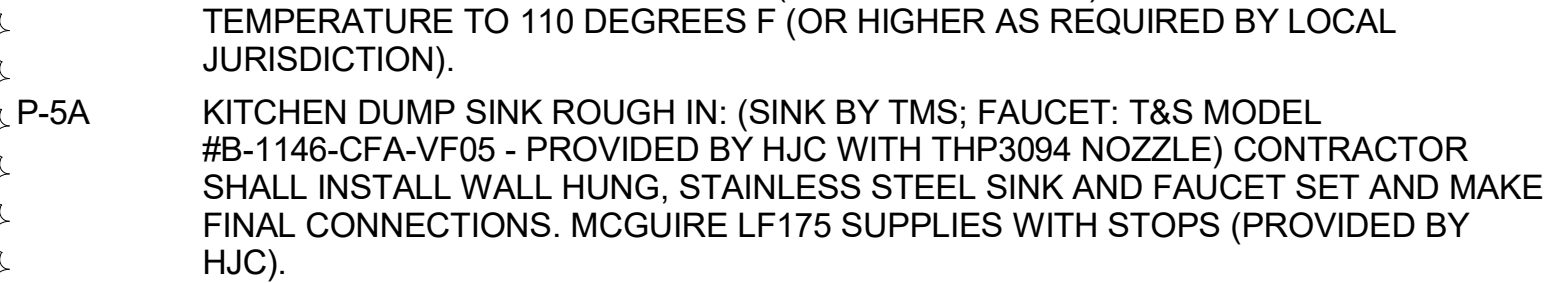
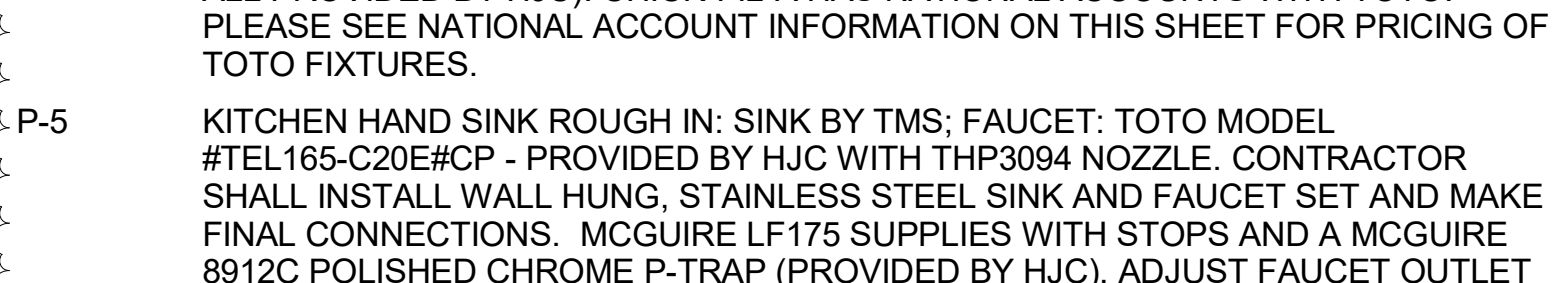
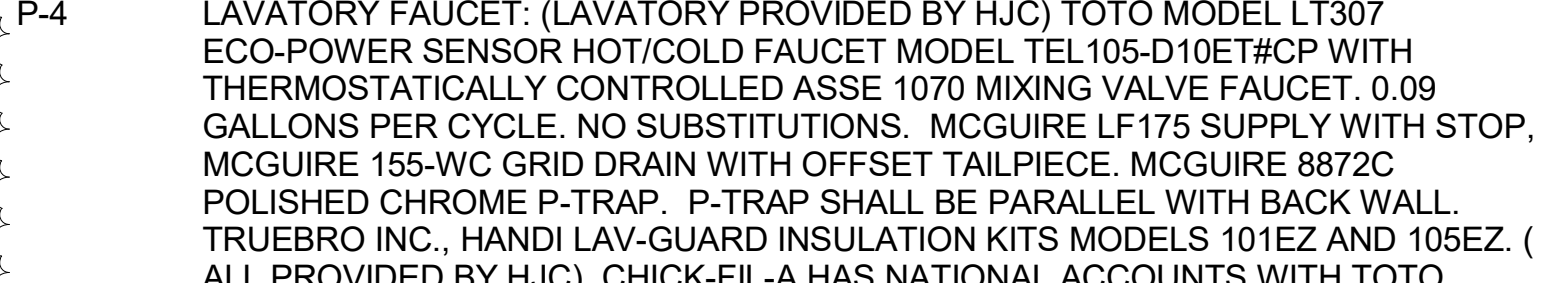
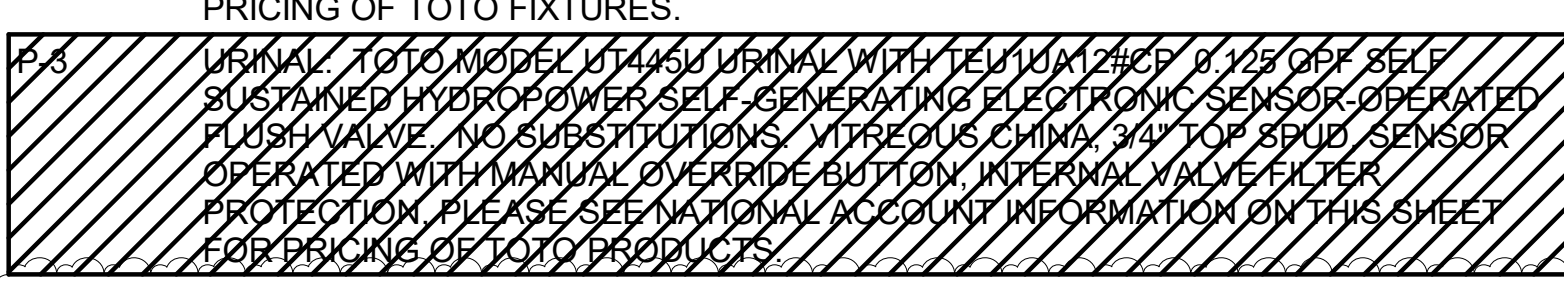
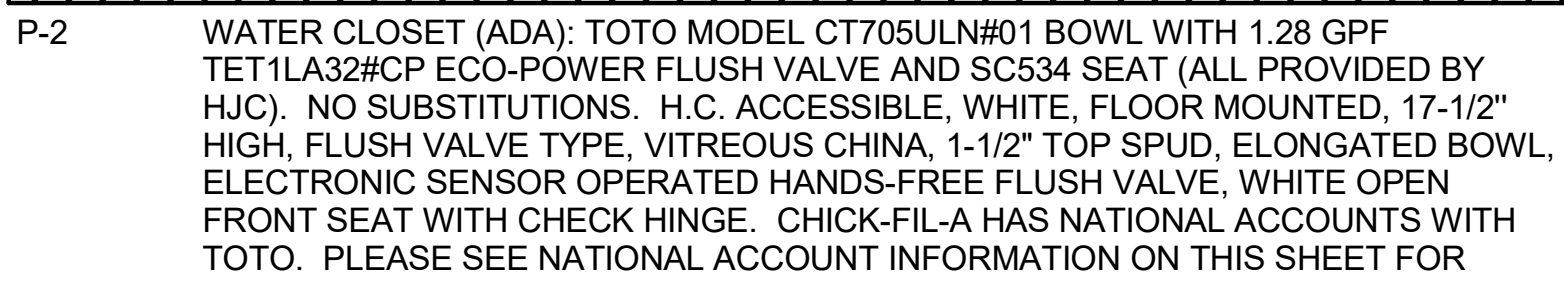
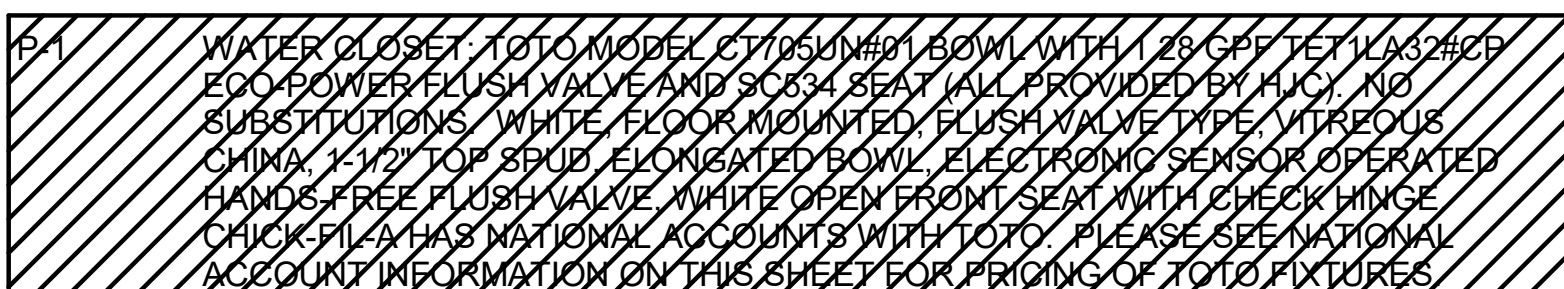
PART II - EXECUTION (C15100)

2.01 TRENCHING (C15100)

- A. EXCAVATION, BACKFILLING, AND TRENCH WORK SHALL BE DONE IN ACCORDANCE WITH LATEST O.S.H.A. AND APPLICABLE SAFETY STANDARDS.
B. PROVIDE NECESSARY SHORING AND CLEANING TO KEEP TRENCHES IN GOOD WORKING CONDITION, INCLUDING PUMPING OUT WATER.
C. IN MOSTLY ROCK MATERIAL, TRENCHES SHALL BE EXCAVATED TO 6" BELOW THE ELEVATION OF THE BOTTOM OF THE PIPES.
D. IN MOSTLY EARTH OR SAND MATERIAL, TRENCHES SHALL BE EXCAVATED TO 6" BELOW THE ELEVATION OF THE BOTTOM OF THE PIPES.
E. BACKFILLING AND TAMPING SHALL BE CAREFULLY DONE BY HAND SIMULTANEOUSLY ALONG BOTH SIDES OF THE PIPE USING ROCK FREE EARTH, CRUSHED STONE OR SAND UNTIL THE PIPE IS COVERED TO A DEPTH OF AT LEAST 12".
F. ACCEPTABLE SOIL MATERIALS FOR BACKFILL AND FILL SHALL BE FREE OF CLAY, ROCK OR GRAVEL LARGER THAN 2" IN ANY DIMENSION.
G. SURFACE SHALL BE RESTORED TO ITS ORIGINAL CONDITION.

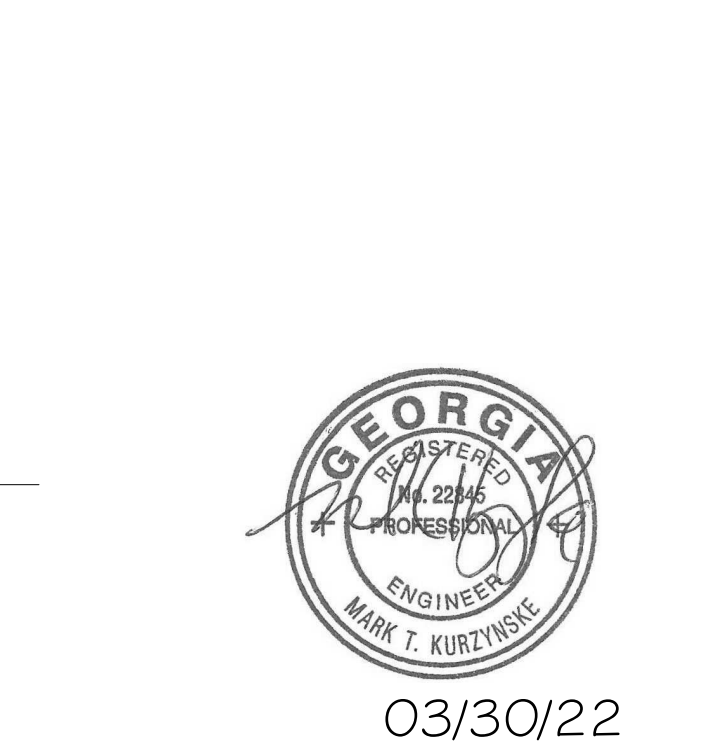
2. PLUMBING FIXTURES

RESTROOM FIXTURES (C15405) AND PLUMBING (15100)



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

Kurzynske & Associates
2900 Lebanon Pike, Ste 201
Nashville, Tennessee 37214
Telephone: (615) 255-5203
Fax: (615) 255-5207
Email: mail@kurzynske.com



03/30/22

CHICK-FIL-A
PONCE & BLVD
689 Blvd NE
Atlanta, GA 30308

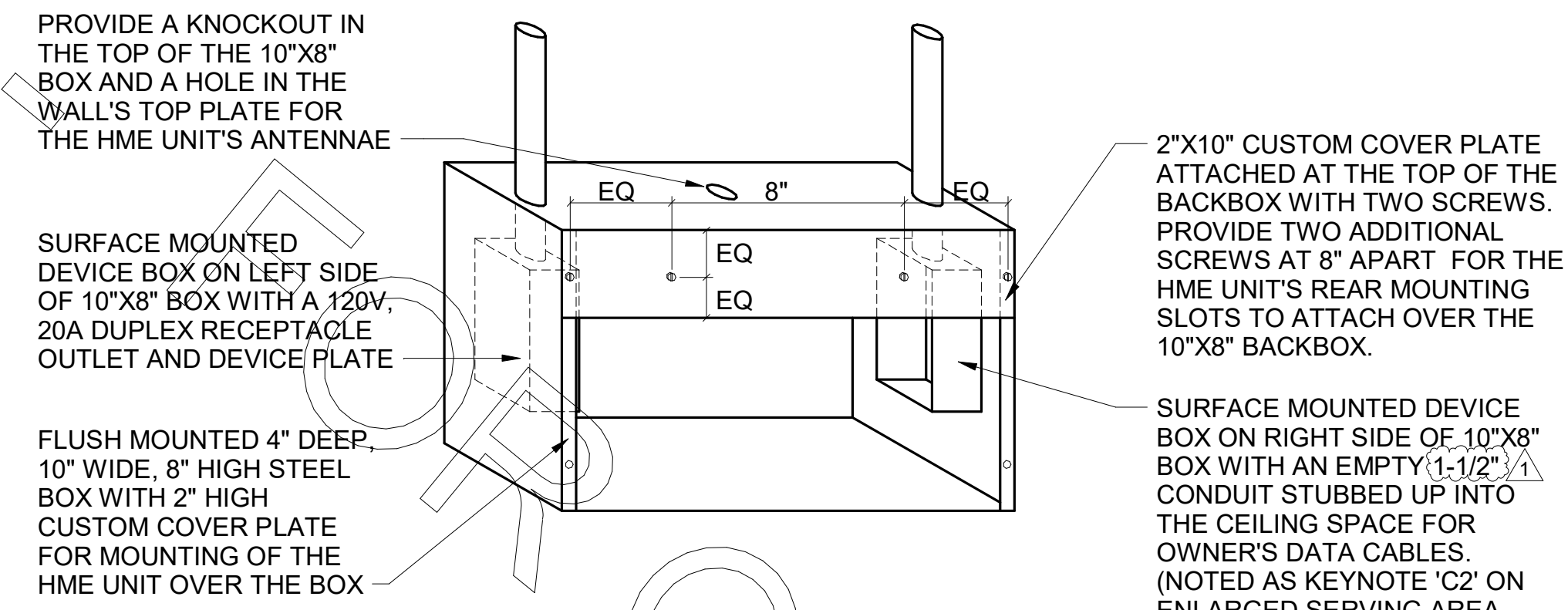
FSR#04553
BUILDING TYPE / SIZE: P13 LSR ALL
RELEASE: v2.20.08

Table with 3 columns: NO., DATE, DESCRIPTION. Row 1: 4, 03/15/22, Construction Set.

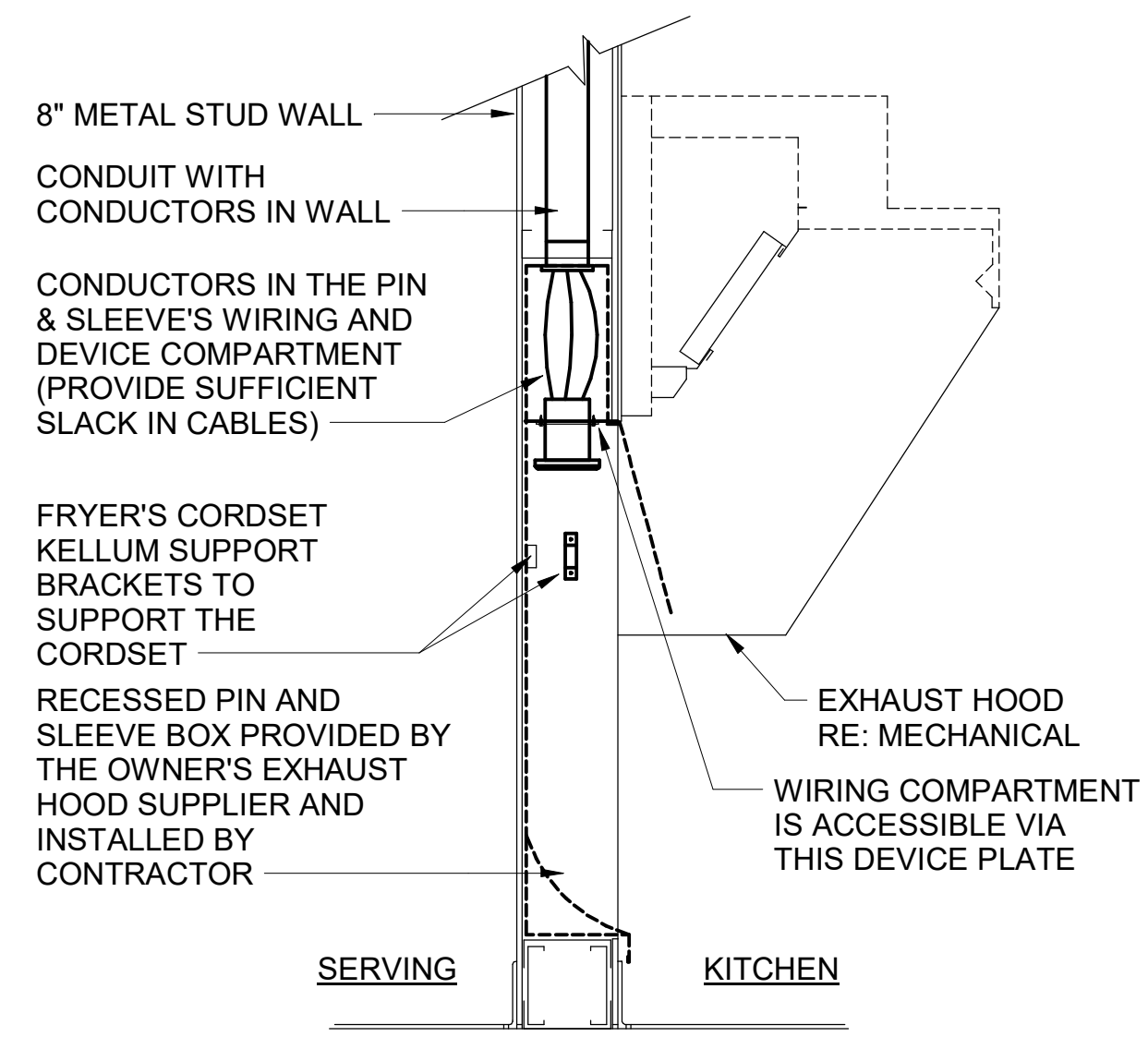
RELEASE FOR CONSTRUCTION
CONSULTANT PROJECT # 20127.CC.S
PRINTED FOR RELEASE FOR CONSTRUCTION
DATE 11/17/2020
DRAWN BY AK
SHEET PLUMBING SPECIFICATIONS
SHEET NUMBER

P-901

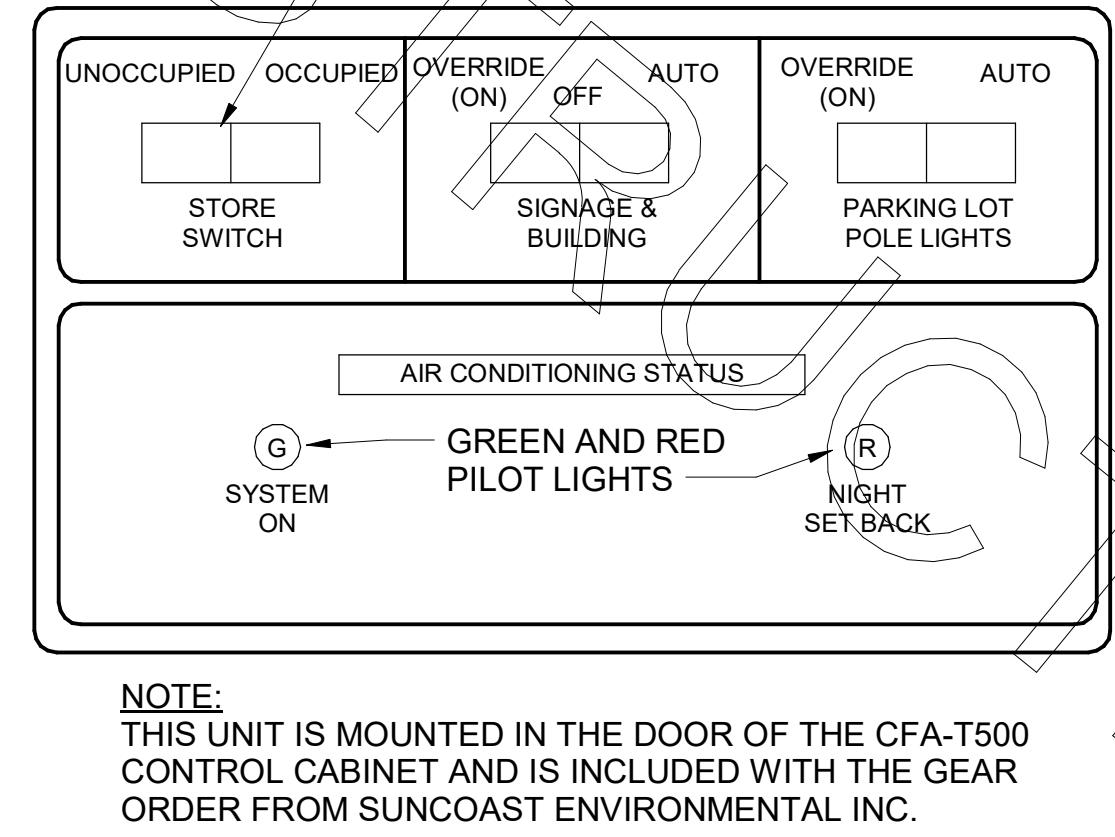
BIM 300/JGA\_04553\_Ponce and Blvd\_Atlanta\_FSR\_P13\_LSR\_SML04553\_Ponce&Blvd\_LSR\_PLB.rvt
3/29/2022 3:31:02 PM
40-LSR-04553-P-901-PLUMBING SPECIFICATIONS



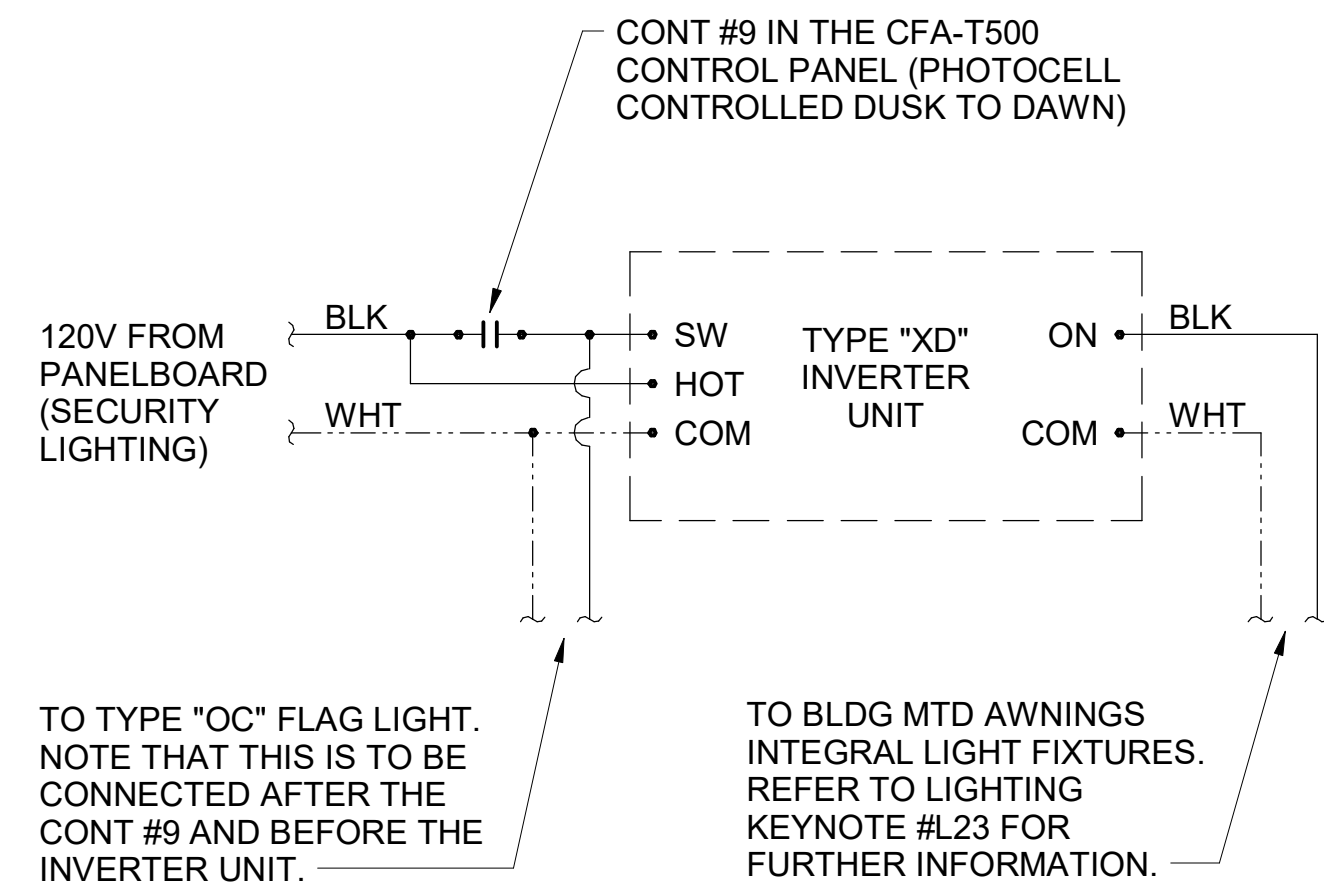
**E3** DETAIL - HME UNIT POWER & DATA BOX DETAIL  
NO SCALE



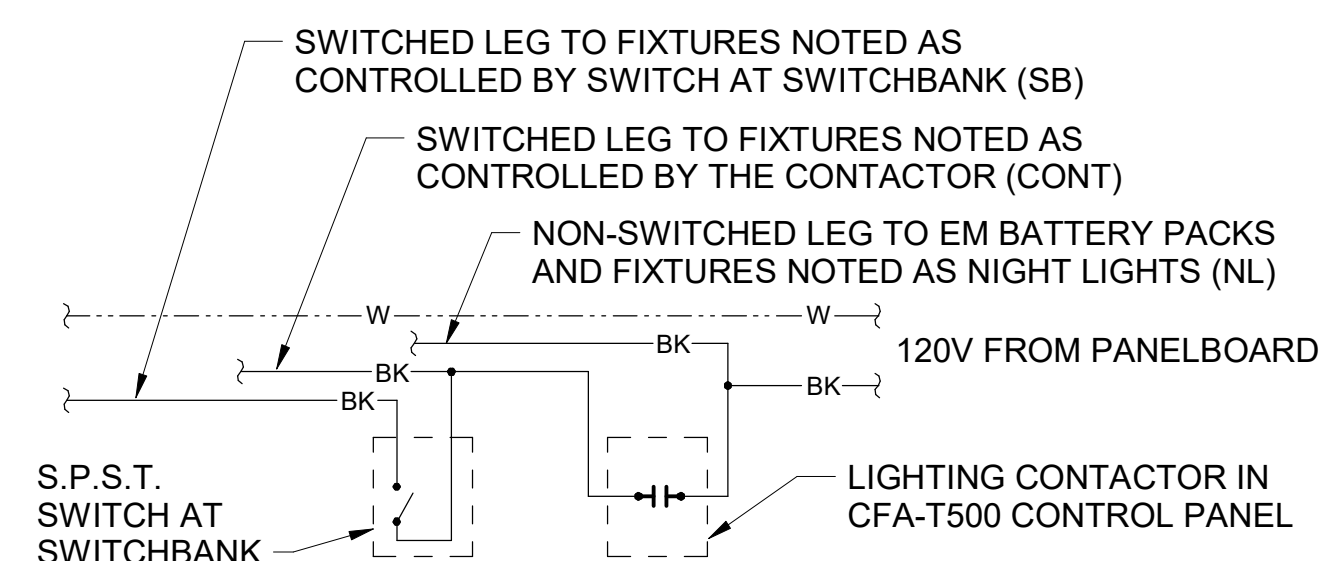
**D4** PIN & SLEEVE BOX DETAIL  
NO SCALE



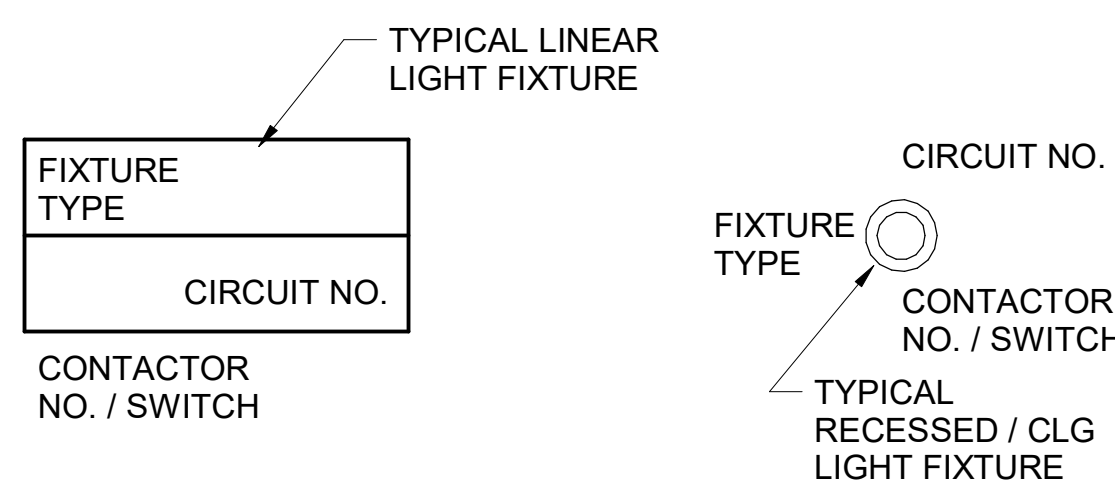
**D3** OPEN-CLOSED CONTROL SWITCH  
NO SCALE



**C4** DETAIL - INVERTER XD WIRING DIAGRAM  
NO SCALE



**B4** LIGHTING CONTROL DIAGRAM  
NO SCALE



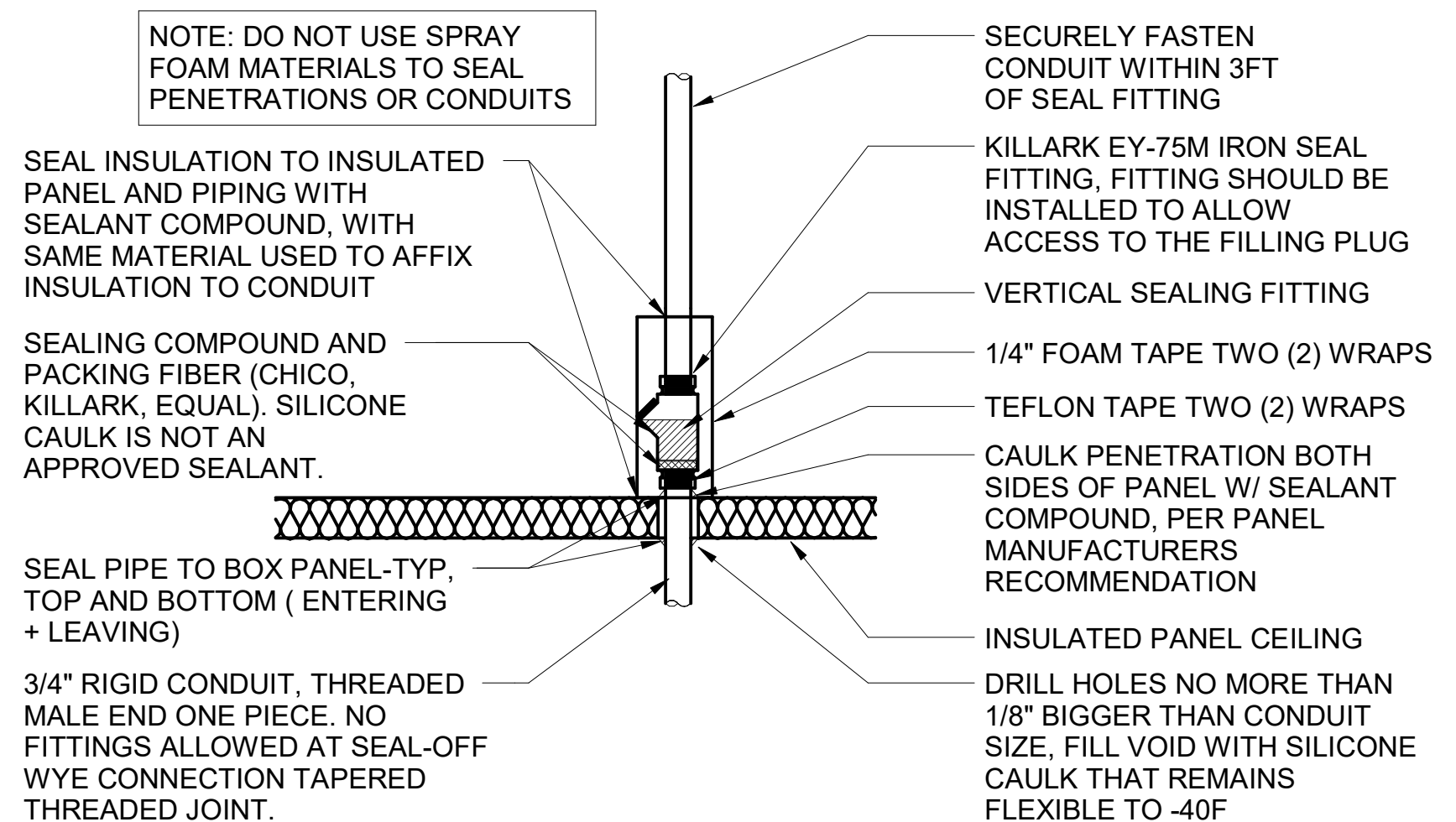
**A4** LIGHT FIXTURE NOMECLATURE  
NO SCALE

CIR C-1	CONTACTOR-1	KITCHEN LTG
CIR C-3	30A 4-POLE	KITCHEN LTG
CIR C-7	120 VOLT COIL	PENDANT LTG
CIR C-11	(STORE SWITCH ON AND OFF)	DINING LTG
CIR C-5	CONTACTOR-2	EXHAUST FAN EF-3&4
CIR C-9	30A 4-POLE	SERV AREA LTG
CIR C-15	120 VOLT COIL	WATER RECIRC PUMP
CIR C-51	(STORE SWITCH ON AND OFF)	MLOP ORDERING
CIR C-43	CONTACTOR-3	BLDG. SIGNAGE
CIR C-45	30A 4-POLE	BLDG. SIGNAGE
CIR C-47	120 VOLT COIL	BLDG. SIGNAGE
CIR C-49	(PCELL ON AND SWITCH OFF)	BLDG. SIGNAGE
CIR C-19	CONTACTOR-4	DIRECTIONAL SIGNS
CIR C-37	30A 4-POLE	MAIN ID SIGN
CIR C-39	120 VOLT COIL	MAIN ID SIGN
CIR C-41	(PCELL ON AND SWITCH OFF)	MAIN ID SIGN
CIR C-31	CONTACTOR-5	BLDG LIGHTING
SPARE	30A 4-POLE	SPARE
SPARE	120 VOLT COIL	SPARE
SPARE	(PCELL ON AND SWITCH OFF)	SPARE
SPARE	CONTACTOR-6	SPARE
SPARE	30A 4-POLE	SPARE
SPARE	120 VOLT COIL	SPARE
SPARE	(PCELL ON AND SWITCH OFF)	SPARE
CIR C-21	CONTACTOR-7	PARKING LOT LTG
CIR C-23	30A 4-POLE	(208V)
CIR C-25	120 VOLT COIL	PARKING LOT LTG
CIR C-27	(PCELL ON AND SWITCH OFF)	(208V)
CIR C-43	CONTACTOR-8	CHANNEL LETTER SIGN
SPARE	30A 4-POLE	SPARE
SPARE	120 VOLT COIL	SPARE
SPARE	(STORE SWITCH ON AND OFF)	SPARE
CIR C-29	CONTACTOR-9	SECURITY/FLAG LTG
SPARE	30A 4-POLE	SPARE
SPARE	120 VOLT COIL	SPARE
SPARE	(PHOTOCELL ON AND OFF)	SPARE
CIR C-48	CONTACTOR-10	EXHAUST FAN EF-1
CIR C-50	30A 4-POLE	EXHAUST FAN EF-2
SPARE	120 VOLT COIL	SPARE
SPARE	(SWITCH ON & OFF, ANSUL ON)	SPARE
CIR C-54	CONTACTOR-11	CAPTURE JET (CJ) FAN
SPARE	30A 4-POLE	SPARE
SPARE	120 VOLT COIL	SPARE
SPARE	(SWITCH ON & OFF, ANSUL ON)	SPARE

**NOTES:**  
1) VERIFY WITH SUNCOAST ENVIRONMENTAL CONTROLS' SHOP DRAWINGS  
2) ONLY THE "HOT" CONDUCTOR OF EACH CIRCUIT SHALL BE RUN THRU THE CONTACTOR.  
3) ANY TAPS OR WIRING CONNECTIONS OTHER THAN TO THE TERMINALS SHALL BE DONE IN A JUNCTION BOX OUTSIDE OF THIS CABINET.  
4) VERIFY WITH THE LOCAL CODE IF CONTACTORS #10 AND #11 WILL BE ON OR OFF WHEN THE ANSUL SYSTEM IS INITIATED.  
5) CIRCUITS C-49, C-25, AND C-27 WILL BE SPARES IF NOT NEEDED.

PER IECC 2015 SECTION C-405.2.2  
CONTRACTOR SHALL COORDINATE WITH SUNCOAST ON PROVIDING A TIME-SWITCH THAT COMPLIES WITH SECTION C-405.2.2.1

**C2** CFA-T500 CONTROL PANEL DIAGRAM  
NO SCALE



**A2** WIC/WIF SEAL-OFF DETAIL  
NO SCALE

**SIGNAGE 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.

C1 ELECTRICAL LEGEND					
SYMBOL	DESCRIPTION	MTG HT AFF TO CL	SYMBOL	DESCRIPTION	MTG HT AFF TO CL
LIGHTING FIXTURES			MISCELLANEOUS SYMBOLS		
□	SURFACE MOUNTED LIGHTING FIXTURE		⊕	GROUND	
⊞	RECESSED LED TROFFER LIGHTING FIXTURE		(M)	MOTOR	
○	SURFACE MOUNTED LED LIGHTING FIXTURE		(EF)	EXHAUST FAN MOTOR	
⊙	RECESSED LED LIGHTING FIXTURE		(J)	JUNCTION BOX	
⊙	WALL MOUNTED LIGHTING FIXTURE, SEE LIGHTING FIXTURE SCHEDULE	AS NOTED	(T)	CONDUIT AND WIRE "MARK" NUMBER, REFER TO CONDUCTORS AND CONDUIT SCHEDULE FOR SIZE	
⊙	WALL MOUNTED EXIT SIGN, SHADE INDICATES FACES, PROVIDE CHEVRON DIRECTIONALS WHEN NEEDED	6" FROM CEILING TO TOP	(101)	KITCHEN EQUIPMENT "MARK" NUMBER, REFER TO KITCHEN EQUIPMENT SCHEDULE FOR REQUIREMENTS	
⊙	CEILING MTD EXIT SIGN, SHADING INDICATES FACES, PROVIDE W/ CHEVRON DIRECTIONALS WHEN NEEDED		(1)	NOTE NUMBER	
⊙	COMBO EXIT WITH TWO LAMPHEADS		(A)	HOOD EXTINGUISHING ANSUL PULL STATION	
⊙	WALL MTD EMERGENCY BATTERY PACK LIGHTING FIXTURE	AS NOTED	(D)	SMOKE DETECTORS REMOTE STATUS INDICATOR W/ 1/2" C STUB-UP	
⊙	CEILING MTD EMERGENCY BATTERY PACK LIGHTING FIXTURE		(B)	BELL, TYPE AS NOTED ON PLANS	
⊙	FLUORESCENT STRIP LIGHTING FIXTURE		(PE)	PHOTO-ELECTRIC CELL	
⊙	WALLWASHER TYPE RECESSED DOWNLIGHT, AIM LIGHT TOWARD WALL		(T)	TRANSFORMER / DRIVER	
⊙	RECESSED LIGHTING FIXTURE W/ EMERGENCY BATTERY PACK		(S)	LOCKABLE SINGLE POLE SWITCH	
⊙	PENDANT LIGHTING FIXTURE	AS NOTED	ABBREVIATIONS		
⊙	LIGHTING TRACK WITH TRACK HEADS		AFF	ABOVE FINISHED FLOOR	
WIRING DEVICES			AFG	ABOVE FINISHED GRADE	
⊙	120 VOLT DUPLEX RECEPTACLE, 20 AMPS U.O.N.	14" UON	AHU	AIR HANDLING UNIT	
⊙	120 VOLT DUPLEX AT SPECIAL MTD HEIGHT, 20 AMPS U.O.N.	44" UON	C	CONDUIT	
⊙	120 VOLT QUADRAPLEX RECEPTACLE, 20 AMPS U.O.N.	14" UON	CL	CENTER-LINE	
⊙	120 VOLT QUAD. AT SPECIAL MTD HEIGHT, 20 AMPS U.O.N.	44"	CT	CONTACTOR	
⊙	120 VOLT SINGLEPLEX RECEPTACLE, 20 AMPS U.O.N. (208V)	14" UON	EF	EXHAUST FAN	
⊙	SINGLE SPECIAL PURPOSE RECEPT W/ VOLTS, AMPS, & PHASE AS NOTED, NEMA CONFIGURATION AS REQUIRED BY EQUIP. RECEPTACLE MOUNTED ON DROP COR'D, 120 VOLT, 20 AMP, UON, OUTLET BOX FLUSH WITH CEILING	14" UON	FLA	FULL LOAD AMPS	
S	SINGLE POLE TOGGLE SWITCH	48"	GF/GFI	GROUND FAULT CIRCUIT INTERRUPTER	
S2	DOUBLE POLE TOGGLE SWITCH	48"	GND/GRD	GROUND	
S3	THREE WAY TOGGLE SWITCH	48"	HT	HEIGHT	
SM	MANUAL MOTOR STARTER SWITCH (WP=NEMA 3R)	48"	IG	ISOLATED GRD, PROVIDE ORANGE DEVICE WHEN ADJACENT TO WIRING DEVICE	
Sp	SWITCH WITH PILOT LIGHT (ON WHEN SWITCH IS ON)	48"	MOCP	MAXIMUM OVER-CURRENT PROTECTION	
Sk	KEY OPERATED SWITCH	48"	MUA	MAKE UP AIR UNIT	
NOTE: RECEPTACLES ON A DEDICATED CIRCUIT (THAT IS, NO OTHER LOAD CONNECTED TO THE BRANCH CIRCUIT) SHALL HAVE AMPACITY RATING NOT LESS THAN THE AMPERAGE OF THE CIRCUIT BREAKER SERVING THE DEVICE.			NEC	LOCALLY ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70)	
CONDUIT/RACEWAYS			NL	NIGHT LIGHT (ON 24 HOURS)	
—	CONDUIT CONCEALED ABOVE CEILING OR IN WALL		OC	ON CENTER	
—	CIRCUIT HOMERUN TO PANELBOARD W/ MIN 2#12, 1#12G, 3#4" C		POS	POINT OF SALE EQUIPMENT	
—	CONDUIT TURNING UP		RTU	ROOF TOP UNIT	
—	CONDUIT TURNING DOWN		TB	TERMINAL BLOCK	
—	CONDUIT CONCEALED IN OR BELOW SLAB (OR UNDERGROUND)		TL	TWIST-LOCK TYPE DEVICE	
—	FLEXIBLE LIGHT FIXTURE WHIP; SIX FOOT MAXIMUM LENGTH		TR	TAMPER-RESISTANT	
—	METAL CLAD CABLE ASSEMBLY - ONLY WHERE INDICATED ON DWGS OR SPECS		UON	UNLESS OTHERWISE NOTED	
DISTRIBUTION EQUIPMENT			WP	WEATHERPROOF (NEMA 3R)	
⊞	NON-FUSIBLE SAFETY SWITCH, SIZE AND TYPE AS NOTED ON PLANS (AMP/POLES/ENCLOSURE) OR ON SCHEDULE, NEMA 1 ENCLOSURE UNLESS NOTED WP FOR NEMA 3R ENCLOSURE	6'-6" *	TELEPHONE		
⊞	FUSIBLE SAFETY SWITCH, SIZE & TYPE AS NOTED ON PLANS (AMP/POLES/FUSE AMPS/ENCLOSURE) OR ON SCHEDULE, NEMA 1 ENCLOSURE UNLESS NOTED WP FOR NEMA 3R.	6'-6" *	▶	TELEPHONE OUTLET	18" UON
—	FLUSH MOUNTED LIGHTING PANELBOARD	6'-6" *	▶	TELEPHONE OUTLET AT SPECIAL MOUNTING HEIGHT	60" UON
—	SURFACE MOUNTED LIGHTING PANELBOARD	6'-6" *	NOTE: EACH TELEPHONE OUTLET (FLOOR OR WALL MOUNTED) SHALL BE PROVIDED WITH A 3/4" EMPTY CONDUIT, WITH PULL WIRE, TO ACCESSIBLE CEILING SPACE.		
* 6'-6" DISTANCE IS TO TOP-MOST DISCONNECTING DEVICE OR HIGHEST POSITION OF OPERATING HANDLE OF DISCONNECTING DEVICE			CCTV / SECURITY SYSTEM		
			(K)	SECURITY ALARM KEYPAD	
			(S)	SECURITY SYSTEM KEY NOTE	



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

**Kurzynske & Associates**  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



04/08/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**  
BUILDING TYPE / SIZE: P13 CUSTOM  
RELEASE: v2\_20.08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	08/25/21	BID SET
5	04/08/22	IFC 2

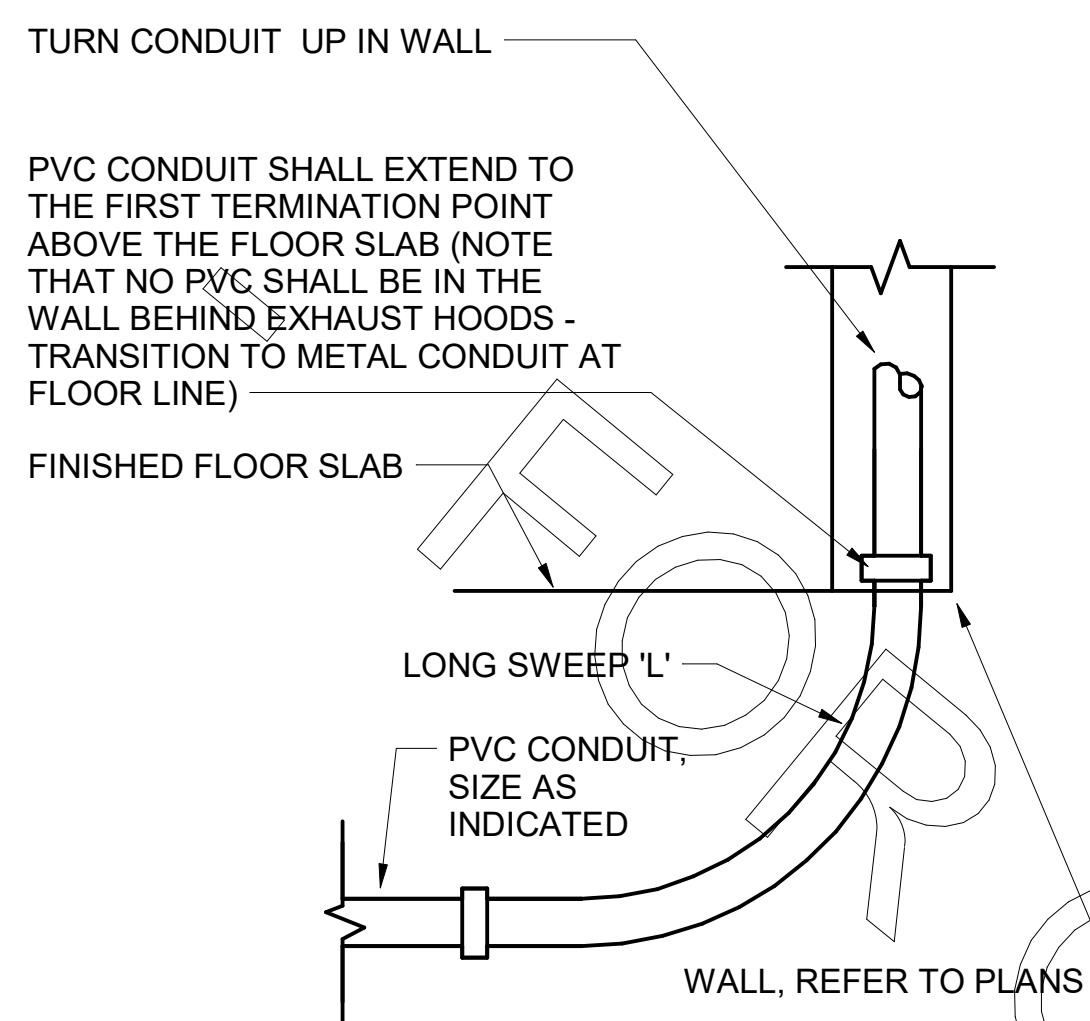
CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASED FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY BTS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

ELECTRICAL SCHEDULES AND DETAILS  
SHEET NUMBER

**E-001**

RELEASED FOR CONSTRUCTION



**D4 INTERIOR PVC CONDUIT DETAIL**

NO SCALE

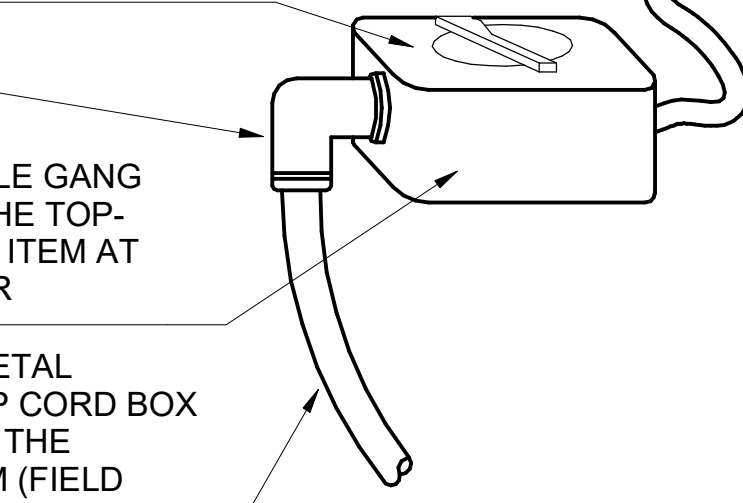
EQUIPMENT ITEMS ELECTRICAL CORD TO BE CONNECTED TO THE BELL BOX MOUNTED ON THE TOP-REAR OF THE ITEM

COOPER #S2983 NON-METALLIC WEATHER -PROOF TYPE SWITCH COVER (TO REDUCE ADDITIONAL BUMPING AND TURNING POWER OFF) WITH SPEC GRADE SWITCH BEHIND COVER (SEE SECTION 16141 IN THE ELECTRICAL SPECIFICATIONS)

FLEXIBLE CONDUIT ELBOW CONNECTOR

SURFACE MOUNTED SINGLE GANG BELL BOX MOUNTED TO THE TOP-REAR OF THE EQUIPMENT ITEM AT THE POINT OF THE POWER CONNECTION

FLEXIBLE LIQUID-TIGHT METAL CONDUIT FROM OEP DROP CORD BOX FLUSH IN CEILING BOX TO THE KITCHEN EQUIPMENT ITEM (FIELD VERIFY LENGTH OF FLEX CONDUIT REQUIRED)



**C4 DIRECT CONNECTION - ISLAND LOCATION**

NO SCALE

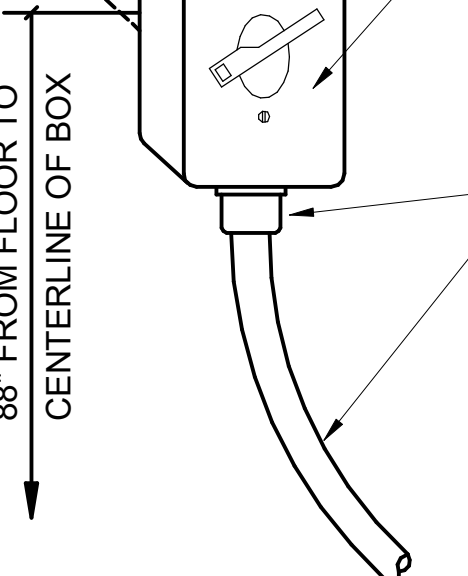
EMT CONDUIT WITHIN WALL CAVITY WITH 90 DEGREE BEND AND THREADED FITTING THRU WALL FINISH TO ATTACH TO BACK OF BELL BOX

SURFACE MOUNTED SINGLE GANG BELL BOX

COOPER #S2983 NON-METALLIC WEATHER -PROOF TYPE SWITCH COVER (TO REDUCE ADDITIONAL BUMPING AND TURNING POWER OFF) WITH SPEC GRADE SWITCH BEHIND COVER (SEE SECTION 16141 IN THE ELECTRICAL SPECIFICATIONS.)

FLEXIBLE CONDUIT CONNECTOR

6 FOOT FLEXIBLE LIQUID-TIGHT METAL CONDUIT FROM SURFACE BOX TO THE KITCHEN EQUIPMENT ITEM. (THE CORDSET PROVIDED WITH THE EQUIPMENT ITEM MUST BE REMOVED. THE CORD CANNOT BE USED FOR THE DIRECT CONNECTION PER NEC 400.7(B) WHICH REQUIRES A CORD TO BE EQUIPPED WITH AN ATTACHMENT PLUG AND ENERGIZED FROM THE RECEPTACLE OUTLET)



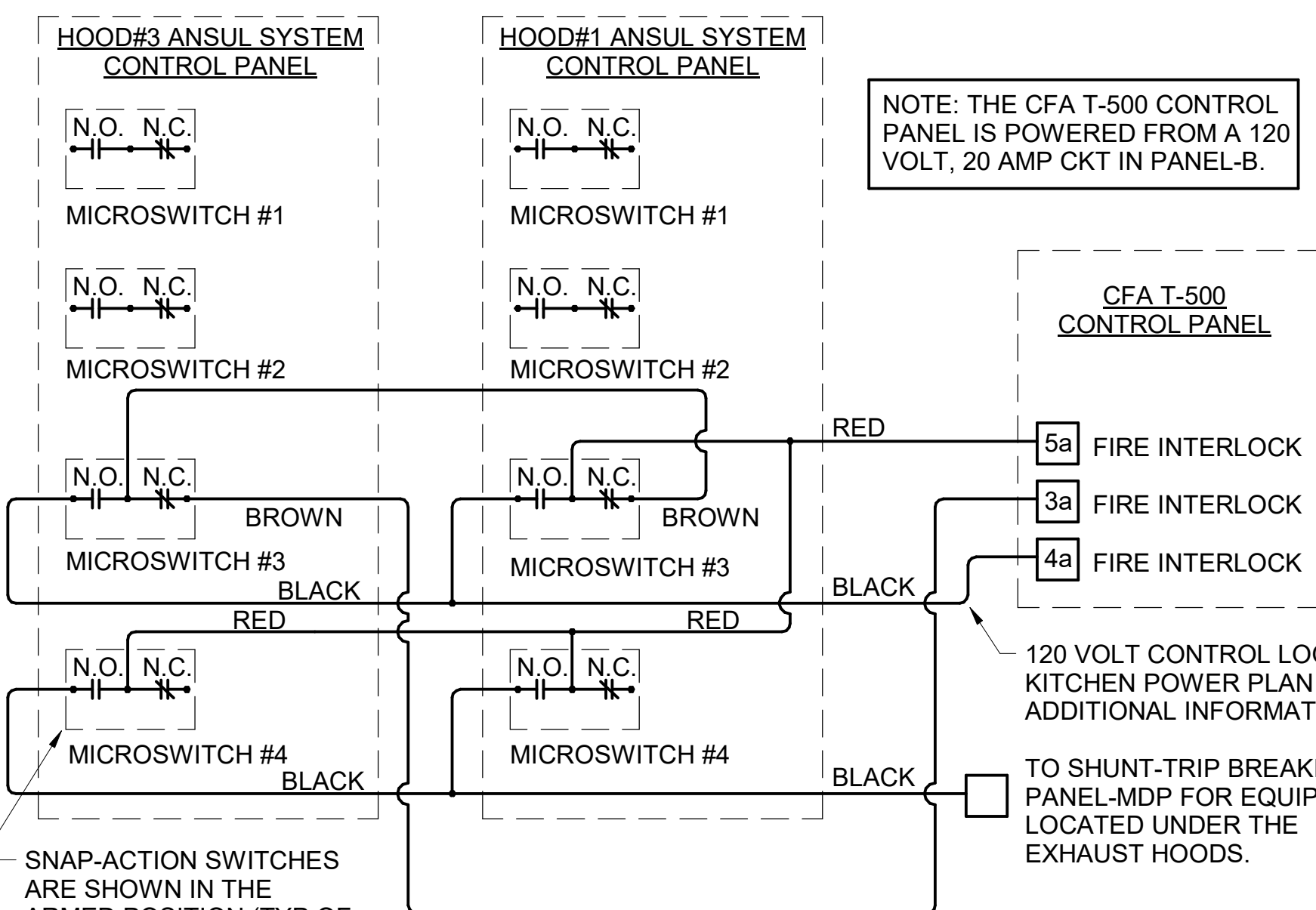
FLEXIBLE CONDUIT ELBOW CONNECTOR

EQUIPMENT ITEMS ELECTRICAL CORD TO BE CONNECTED TO THE BELL BOX MOUNTED ON THE TOP-REAR OF THE ITEM

SURFACE MOUNTED SINGLE GANG BELL BOX MOUNTED TO THE TOP-REAR OF THE EQUIPMENT ITEM AT THE POINT OF THE POWER CONNECTION WITH BLANK COVER

**B4 DIRECT CONNECTION -WALL LOCATION**

NO SCALE



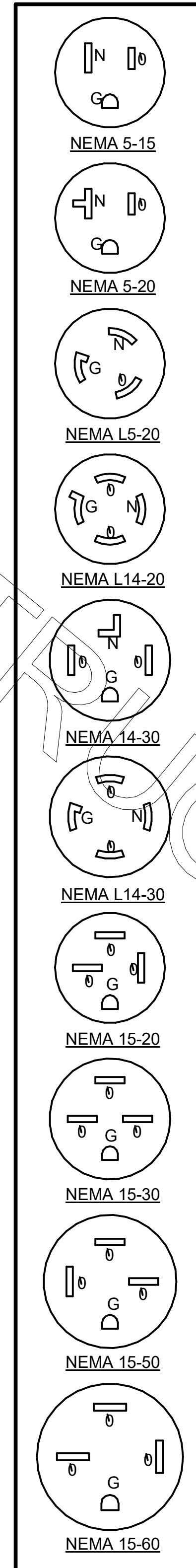
NOTE: THE CFA T-500 CONTROL PANEL IS POWERED FROM A 120 VOLT, 20 AMP CKT IN PANEL-B.

120 VOLT CONTROL LOOP, SEE KITCHEN POWER PLAN FOR ADDITIONAL INFORMATION

TO SHUNT-TRIP BREAKERS IN PANEL-MDP FOR EQUIPMENT LOCATED UNDER THE EXHAUST HOODS.

**A3 ANSUL SYSTEM PANEL WIRING DIAGRAM**

NO SCALE

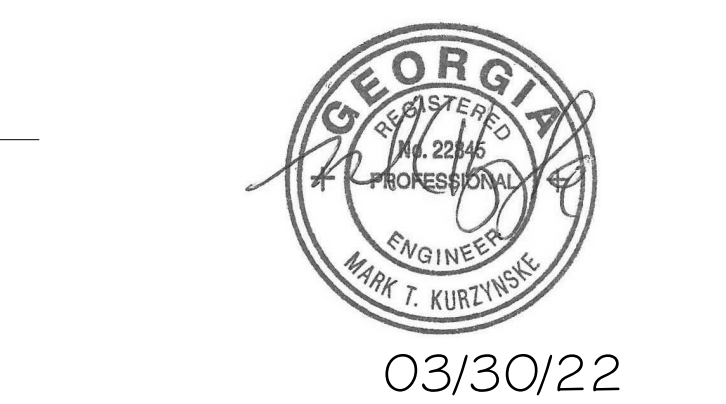


KITCHEN EQUIPMENT SCHEDULE NOTES

- ALL SO CORD LENGTHS SHALL BE MEASURED FROM THE REAR OF THE EQUIPMENT TO THE END OF THE CORD.
- CONTRACTOR SHALL PROVIDE GROUND-FAULT PROTECTION FOR ALL 120 VOLT 15 AMP AND 20 AMP RECEPTACLES IN THE KITCHEN / FOOD PREPARATION AREAS. GROUND-FAULT PROTECTION SHALL BE PROVIDED AT THE RECEPTACLE AS A GFCI TYPE RECEPTACLE UNLESS NOTED OTHERWISE ON THE PLANS WHERE A GFCI TYPE BREAKER IS INDICATED.
- PROVIDE GFCI TYPE BRANCH BREAKER FOR KITCHEN / FOOD PREPARATION AREA RECEPTACLES THAT ARE TWIST-LOCK, CLOCK STYLE, OR IG (ISOLATED GROUND) TYPE.

**KITCHEN EQUIPMENT SCHEDULE - CHICK-FIL-A P13 EDITION**

ITEM NO.	DESCRIPTION OF EQUIPMENT	VOLTS	PH	KW	AMPS	NEMA-RATING	COMMENTS AND REMARKS
120	HOT HOLDING CENTERLINE TABLE	120/208	3	3.2	16	DIRECT CONNECTION	60 AMP SERVICE REQUIRED TO POWER TABLE & ADDITIONAL EQUIPMENT EXCEPT POS - ORDER W/ ITEM #27807900
120a	COLD CENTERLINE TABLE	120/208	3	0.78	6.5	DIRECT CONNECTION	60 AMP SERVICE REQUIRED TO POWER TABLE & ADDITIONAL EQUIPMENT EXCEPT POS - ORDER W/ ITEM #27808160
120c	TOASTER CENTERLINE TABLE	120/208	3			DIRECT CONNECTION	60 AMP SERVICE REQUIRED TO POWER TABLE & ADDITIONAL EQUIPMENT EXCEPT POS - ORDER W/ITEM #27802293
120d	CENTERLINE UNDERCOUNTER REFRIGERATOR	115	1	0.58	5	5-15P	LOCATED UNDER ITEM #120a - FRANKE COLD TABLE CIRCUIT #1
180	ORDER REGISTER	120	1			5-20P	PROVIDED BY CFA IT
182	RECEIPT PRINTER	120	1			5-20P	
182L	LABEL PRINTER	120	1			5-20P	PROVIDED BY CFA IT
183	ORDER MONITOR	120	1		0.125	5-20P	PROVIDED BY CFA IT
184	IPAD	120	1			5-20P	
184T	ITIMER	120	1	0.120	1.00	5-20P	PROVIDED BY CLARK
190	DRIVE-THRU VIDEO MONITOR	120	1		0.8	5-20P	PROVIDED BY CFA IT
211B	FLY SYSTEM	120	1	0.078	0.65	5-15P	CLOCK STYLE RECEPTACLE REQUIRED
211C	FLY SYSTEM	120	1	.03	25	5-15P	RE: ARCHITECTURAL SHEETS FOR MOUNTING DETAILS
269	ANSUL FIRE SUPPRESSION SYSTEM	120	1			VERIFY DIRECT CONNECTION	REMOTE CABINET - REFER TO SHOP DRAWINGS; FED FROM CFA-T500 PANEL
270	ANSUL FIRE SUPPRESSION SYSTEM	120	1			VERIFY DIRECT CONNECTION	LOCATED ABOVE HOOD - BEHIND CLOSURE PANEL; REFER TO SHOP DRAWINGS; FED FROM CFA-T500 PANEL
300a	MILKSHAKE BASE DISPENSER	120	1		4.0	NEMA 5-20R	MOUNTED ON ITEM # 300b
300X	DOUBLE BARREL ICE CREAM MACHINE	208	3	19.0/15.0	15-30P/15-20P		PROVIDED WITH HUBBELL HBL8432C & HBL8421C ANGLE PLUGS
305	TEA BREWER	120	1	1.65	13.8	5-15P	QUICK DISCONNECT HOSES PROVIDED BY CFA WAREHOUSE
308	SINGLE COFFEE MAKER	208	1	4.0	19.2	L14-30P	QUICK DISCONNECT HOSES PROVIDED BY CFA WAREHOUSE
310	DOUBLE LEMONADE BUBBLER	120	1			5-15P	
315W	10-HEAD BEVERAGE DISPENSER WITH ICE BIN	115	1		10.00	5-15P/5-15P	PROVIDED WITH (2) CORDS AND PLUGS PER TOWER
320	TURBO CARBONATOR	115	1		6.2	5-20P	ORDER (8) #44231, (3) #44233, (8) DR. PEPPER PUMPS, & (3) #T5274SN-01
363	HIGH-TEMP UPRIGHT DISHWASHER	208	3		49	DIRECT CONNECTION	PROVIDED WITH DRAIN WATER TEMPERING KIT
380	ICE MACHINE	115	1		5	5-15P	INSTALLED ON TOP OF ICE BIN - PROVIDED WITH 6' CORD & 35' LINE SETS
380a	ICE BIN SANITATION SYSTEM	120	1	0.0096		5-15P	INSTALLED ON WALL ABOVE ICE BIN - SHARES DUPLEX WITH (1) ICE MACHINE
380C	ICE MACHINE REMOTE CONDENSING UNIT	208	3		14.2	DIRECT CONNECTION	AIR COOLED UNIT - G.C. SHALL PLACE & INSTALL CONDENSER ON ROOF - NOT SHOWN ON DRAWINGS
400	SGL. SECTION REACH-IN FREEZER	120	1		9.4	NEMA 5-20R	HINGE RIGHT; PROVIDE FINISHED BACK; ORDER ON 4 7/16" CASTERS
410	WALK-IN FREEZER	120	1		3.3	DIRECT CONNECTION	ORDER WITHOUT FLOOR - REFER TO LIGHTING PLAN
410a	WALK-IN FREEZER CONDENSER	208	3		16.3	DIRECT CONNECTION	GC SHALL INSTALL CONDENSER ON ROOF - NOT SHOWN ON DRAWINGS
410b	WALK-IN FREEZER EVAPORATOR	208	1		1.50	DIRECT CONNECTION	POWER FED FROM CONDENSER
420	SINGLE UNDERCOUNTER REFRIGERATOR	115	1	.564	4.7		RIGHT HINGE; ORDER ON 4" CASTERS
420L	SINGLE UNDERCOUNTER REFRIGERATOR	115	1	.564	4.7	5-20P	HINGE LEFT - ORDER ON 4" CASTERS
421	DOUBLE UNDERCOUNTER REFRIGERATOR	115	1	0.756	6.3	5-15P	ORDER ON 4" CASTERS
422T	REFRIGERATED EQUIPMENT STAND (48")	115	1	0.80	6.70	L5-15P	EC TO CHANGE PLUG TO TWIST LOCK - PROVIDED W/9' CORD - ORDER ON 4" CASTERS
431	DOUBLE REFRIGERATED WORK TABLE	115	1	.756	6.3		ORDER WITH WORKTOP, BACKSPASH, AND 6" CASTERS
432T	DOUBLE REFRIGERATED WORK TABLE	115	1	0.756	6.30	L5-20P (BY EC)	EC TO CHANGE PLUG TO TWIST LOCK - ORDER ON 6 IN CASTERS WITH BACKSPASH TOP
440CT	ICE BATH BREADING TABLE	120	1		1.00	L5-15P (BY EC)	EC TO CHANGE PLUG TO TWIST LOCK - 10 FT CORD AND PLUG - LEAF INCLUDED WITH TABLE - INSTALL IF SHOWN ON PLANS
441	SALAD PREP TABLE	120	1		9.0	NEMA 5-15R	PROVIDE WITH TWIST LOCK PLUG; ORDER ON 4" CASTERS WITH PAN PKG.; SECC TO PROVIDE PAN PKG.
442WCT	SINGLE UPRIGHT REFRIGERATOR (30" WIDE)	115	1		7	L5-15P (BY EC)	HINGE RIGHT - PROVIDE FINISHED BACK - ORDER ON 6 IN CASTERS - EC TO CHANGE PLUG TO TWIST LOCK
444D	DOUBLE THAWING CABINET (52" WIDE)	115	1		16.0	DIRECT CONNECTION	HINGE STANDARD - GC TO INSTALL LIQUID TIGHT FLEX CONDUIT - ORDER ON 6 IN CASTERS
444S	SINGLE THAWING CABINET (32" WIDE)	115	1		16.0	DIRECT CONNECTION	HINGE RIGHT - GC TO INSTALL LIQUID TIGHT FLEX CONDUIT - ORDER ON 6 IN CASTERS
449	WALK-IN COOLER	120	1		2.4	DIRECT CONNECTION	ORDER WITHOUT FLOOR - REFER TO LIGHTING PLAN
449a	WALK-IN COOLER CONDENSER	208	3		9.5	DIRECT CONNECTION	GC SHALL INSTALL CONDENSER ON ROOF - NOT SHOWN ON DRAWINGS
449b	WALK-IN COOLER EVAPORATOR	208	1	0.110	1.00	DIRECT CONNECTION	POWER FED FROM CONDENSER
500A	VERTICAL CONTACT TOASTER	120	1	1.8	15.0	5-15P	LOCATED ON ITEM #120c - FRANKE TOASTER TABLE CIRCUITS #1 & #2
500B	RADIANT TOASTER	208	1	5.5	24.0	L6-30P	LOCATED ON ITEM #120c - FRANKE TOASTER TABLE CIRCUITS #3 & #4 - PROVIDED W/ TWIST LOCK PLUG
503T	EGG STATION	208	1	2.50	12.50	L6-20P	PROVIDED W/6' CORD & TWIST LOCK PLUG
505	OVEN ON STAND	208	3	5.6	24/12/15	15-31P (BY E.C.)	HINGE RIGHT - MOUNTED ON 24" HIGH CART (3BLO08) W/6" CASTERS - E.C. TO PROVIDE ANGLE PLUG CORDSET
505G	RANGE/CONVECTION OVEN	208	3	19.8	57.6	NEMA 15-60R	HINGE LEFT - FULL GRIDDLE TOP - OVEN MOUNTED ON 4" CASTERS - E.C. TO PROVIDE 6' CORD & ANGLE PLUG
505V	VECTOR OVEN	208	3	7.90	22.00	15-30P	HINGE RIGHT - PROVIDED W/CORD & PLUG
522	OPEN FRYER	208	3	22.0	61.0	PIN&SLEEVE	PIN&SLEEVE PROVIDED WITH EQUIPMENT AND RECEPTACLE BOX PROVIDED WITH HALTON ITEMS
522A	DOUBLE OPEN FRYER	208	3	22.0/22.0	61/61	PIN & SLEEVE	PIN & SLEEVE PROVIDED W/EQUIPMENT & RECEPTACLE BOX PROVIDED W/HALTON ITEMS - (1) POWER CONNECTION PER WELL
523	PRESSURE FRYER	208	3	13.5	38.0	NEMA 15-50R	SUPPLIED WITH 6' SO CORD AND PLUG
524	DUAL SIDE CLAMSHELL GRILL	208	3	9	24.1/28.2/23.1	15-50P	PROVIDED WITH 5' CORD & PLUG
550	DOUBLE WARMING DRAWER	120	1	0.9	7.83	5-15P	ON CASTERS - LOCATED UNDER ITEM #120 - FRANKE HOT HOLDING TABLE CIRCUITS #2 & #3
560	FRY HOLDING STATION	120	1	1.90	15.40	5-20P	
563D	DOUBLE TIER SANDWICH SLIDE	120	1	1.09	9.13	5-15P	CORD EXITS RIGHT - 6 FT CORD AND PLUG
563DL	DOUBLE TIER SANDWICH SLIDE	120	1	1.09	9.13	5-15P	CORD EXITS LEFT - 6' CORD AND PLUG
564	VISUAL HOT HOLDING CABINET (2x4)	120	1	1.32	11	5-15P	LOCATED ON ITEM #120a - FRANKE COLD TABLE CIRCUIT #2 - ORDER WITH LIDS/TRAY SEALS, AMBER PANS, & FALSE BOTTOMS
565C	FOOD COOKER/WARMER	120	1	1.5	12.5	NEMA 5-15R	ORDER WITH (1) 3VOL042, (2) 3VOL043, (8) 3VOL051, AND (8) 3VOL061
580	VISUAL HOT HOLDING CABINET (5x4)	120	1	2.88	24	L5-30P	PROVIDED W/TWIST LOCK PLUG - ORDER WITH LIDS/TRAY SEALS
580H	VISUAL HOT HOLDING CABINET (5x2)	120	1	1.920	16.00	5-20P	ORDER WITH LIDS/TRAY SEALS
592	REETHERMALIZER	208	3	8.00	22.00	15-30P	PROVIDED W/CORD & PLUG - WATER SUPPLY TO BE S/S BRAIDED HOSE W/MALE QUICK CONNECT ADAPTER
600	MIXER	120	1		8.0	L5-20P	E.C. TO CHANGE PLUG TO TWIST LOCK - ORDER WITH 3HOB405, 3HOB061, 3HOB318, 3HOB319, & 3HOB058
602	SALAD SPINNER	115	1	0.373	3.2	5-15P	
607	COUNTER TOP LEMON JUICER	115	1			5-15P	LOCATED ON ITEM #606
669	OFFICE SAFE	120	1			5-20P	INSTALL SAFE PER MANUFACTURER'S WRITTEN INSTRUCTIONS
672	DIGITAL MENU BOX	120	1			5-20P	ORDERED BY CFA IT



**CHICK-FIL-A**  
**PONCE & BLVD**  
 689 Blvd NE  
 Atlanta, GA 30308

**FSR#04553**  
 BUILDING TYPE / SIZE: P13 CUSTOM  
 RELEASE: v2\_2008

**REVISION SCHEDULE**

NO.	DATE	DESCRIPTION
3	01/03/22	PERMIT SET

CONSULTANT PROJECT # 20127.CC.S  
 PRINTED FOR RELEASED FOR CONSTRUCTION  
 DATE 11/10/2020  
 DRAWN BY BTS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

**ELECTRICAL SCHEDULES AND DETAILS**

SHEET NUMBER **E-002**

E  
D  
C  
B  
A

E  
D  
C  
B  
A

RELEASED FOR CONSTRUCTION

### LIGHTING PLAN KEYNOTES

- L1) ROUTE THROUGH CONTROL PANEL CFA-T500 AND CONTROLLED BY STORE OCCUPIED SWITCH.
- L2) APPROXIMATE LOCATION OF SWITCH BANK 'SB'. SEE DETAIL ON THE LIGHTING PLAN FOR MORE INFORMATION.
- L3) FOR SIGNAGE BY OTHERS; CONNECT AS REQUIRED. GROUND ALL LOCATIONS IN ACCORDANCE WITH NEC AND MANUFACTURER'S REQUIREMENTS. SIGN IS FURNISHED WITH AN INTEGRAL PRE-WIRED DISCONNECTING MEANS.
- L4) FOR CONTROL OF LIGHTING FIXTURE IN WALK-IN COOLER AND FREEZER. SWITCH FURNISHED WITH EQUIPMENT, INSTALLED BY ELECTRICAL CONTRACTOR.
- L5) CONNECT FIXTURE SO THAT BATTERY PACK IS NOT SWITCHED WITH LIGHTS, BUT ALL LAMPS ARE SWITCHED.
- L6) FOR CONNECTION TO LIGHTING FIXTURE IN THE WALK-IN COOLER AND FREEZER WHICH IS FURNISHED WITH EQUIPMENT. CONTRACTOR SHALL ROUGH-IN AND CONNECT ALL FIXTURES AS REQUIRED BY THE EQUIPMENT MANUFACTURER.
- L7) THE LIGHT FIXTURES IN THE SERVING AREA ARE PROVIDED WITH LAMP SHIELDING VIA A LENS.
- L8) NOT USED.
- L9) TO THE TOILET EXHAUST FAN ON ROOF. SEE SHEET E-250, ROOF ELECTRICAL PLAN.
- L10) SIMILAR TO KEYNOTE L23 EXCEPT FIXTURE BY G.C.
- L11) THIS FIXTURE SHALL NOT BE SWITCHED. CONNECT TO CIRCUIT AHEAD OF ALL SWITCHING AND CONTROLS.
- L12) INSTALL ALL JUNCTION BOXES IN THE PLAY AREA SO THEY WILL BE READILY ACCESSIBLE AFTER THE PLAYGROUND EQUIPMENT IS INSTALLED.
- L13) SEE THE ROOF ELECTRICAL PLAN FOR LOCATION OF TYPE 'OC' ROOF MOUNTED FLAG POLE LIGHT. FIXTURE TO BE CONNECTED TO CIRCUIT C-29 THRU THE CFA-T500 CONTROL PANEL CONTACTOR #9 (AHEAD OF THE INVERTER, NOT THRU THE INVERTER.)
- L14) TO WALK-IN FREEZER DOOR FRAME HEATER AND AIR RELIEF ASSEMBLY (PRESSURE REDUCTION VALVE - PRV). VERIFY ROUGH-IN AND FINAL CONNECTION WITH EQUIPMENT.
- L15) SEE THE SITE ELECTRICAL PLAN FOR LOCATION OF TYPE 'OC' GROUND MOUNTED FLAG POLE LIGHT. FIXTURE TO BE CONNECTED TO CIRCUIT C-29 THRU THE CFA-T500 CONTROL PANEL CONTACTOR #9 (AHEAD OF THE INVERTER, NOT THRU THE INVERTER.)
- L16) ROUTE THROUGH CONTROL PANEL CFA-T500 AND CONTROLLED BY OCCUPIED SWITCH AND PHOTOCELL.
- L17) WALL SWITCH SINGLE-RELAY LINE VOLTAGE OCCUPANCY SENSOR. SEE LUMINAIRE FIXTURE SCHEDULE, SHEET E-211 FOR ADDITIONAL INFORMATION.
- L18) CONNECT LIGHTING FIXTURE SO THAT LAMP BALLAST OR DRIVER AND EMERGENCY BATTERY PACK ARE NOT SWITCHED. 'N' ADJACENT TO FIXTURE INDICATES THAT FIXTURE SHALL BE ON 24 HOURS.
- L19) CEILING MOUNTED OCCUPANCY SENSOR. SEE LUMINAIRE FIXTURE SCHEDULE ON E-211 FOR ADDITIONAL INFORMATION.
- L20) ROUTE LIGHTING FIXTURE THRU LOCAL AREA OCCUPANCY SENSOR.
- L21) LOCATE RECEPTACLE FLUSH IN CEILING FOR FUTURE OWNER FURNISHED INTERIOR SIGNAGE.
- L22) TYPE 'XD' INVERTER CABINET TO BE WALL MOUNTED AT THE CEILING AND CONNECTED TO CIRCUIT C-29 THRU THE CFA-T500'S CONTACTOR #9 (DUSK TO DAWN CONTROL). CONNECT WITH BOTH A CONTROLLED (VIA THE CONTACTOR FOR LIGHTS ON AT DUSK AND OFF AT DAWN) LEG AND AN UNSWITCHED LEG FOR THE BATTERY IN THE INVERTER. WHEN POWER IS INTERRUPTED ON THE UNSWITCHED LEG, THEN THE INVERTER'S BATTERY WILL ENERGIZE THE LIGHTS CONNECTED TO THE INVERTER NO MATTER THE TIME OF DAY. PROVIDE CONNECTIONS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- L23) CANOPY LIGHTS PROVIDED BY THE CANOPY SUPPLIER INTEGRAL WITH THE CANOPY. ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-IN CONDUIT CHASE AT CL OF AWNING AND AT 10'-0" AFF (VERIFY) AND CONNECT THE 120V CIRCUIT TO THE 'XD' INVERTER UNIT. COORDINATE LOCATIONS OF LIGHTS AND ROUGH-IN REQUIREMENTS WITH THE CANOPY SUPPLIER. LIGHTS WILL COME ON AT DUSK, TURN OFF AT DAWN, AND BE ENERGIZED WHENEVER THERE IS A POWER OUTAGE.
- L24) REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATIONS OF PENDANTS, DOWNLIGHTS, ACCENTS LIGHTS, AND OTHER CEILING MOUNTED LIGHT FIXTURES.
- L25) CEILING MOUNTED RECESSED AUTOMATIC CONTROL PHOTOCELL FOR DAYLIGHT CONTROLS. SEE LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. FIELD CALIBRATE SETTINGS WITH CFA CONSTRUCTION MANAGER.
- L26) NOT USED.
- L27) PROVIDE A TYPE B1 SHELF MOUNTED TASK 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). SEE ENLARGED POWER PLAN FOR FURTHER INFORMATION.
- L28) CANOPY LIGHTS PROVIDED BY THE CANOPY SUPPLIER INTEGRAL WITH THE CANOPY. ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-IN CONDUIT CHASE AT CL OF AWNING AND AT 10'-0" AFF (VERIFY). COORDINATE LOCATIONS OF LIGHTS AND ROUGH-IN REQUIREMENTS WITH THE CANOPY SUPPLIER. LIGHTS WILL COME ON AT DUSK AND TURN OFF AT DAWN.
- L28) ROUTE COVE LIGHTING THROUGH CONTACTOR-1 AND SWITCHBANK SB-C. ROUTE LOW VOLTAGE DIMMING CONTROL WIRES THROUGH DIMMER DM1 LOCATED WITHIN THE OFFICE.
- L29) 0-10V DIMMING SWITCH FOR COVE LIGHTING. FIELD COORDINATE EXACT LOCATION OF DIMMER SWITCH. COORDINATE WITH CONSTRUCTION MANAGER FOR LIGHTING LEVELS

### OMD CANOPY KEYNOTES:

- A1) ROUTE LIGHT FIXTURE THROUGH CANOPY CONTROL PANEL
- A2) AIR CIRCULATING FAN (WITH INTEGRAL ON-OFF SWITCH) PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE A DUPLEX RECEPTACLE OUTLET (WITH IN-USE WP COVER PLATE) FLUSH MOUNTED IN THE CEILING FOR THE FAN'S PLUG AND CORD CONNECTION.
- A3) INFRARED GAS HEATER WITH INTEGRAL ON-OFF SWITCH PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
- A4) PROVIDE ONE DUPLEX GFCI (WITH IN-USE WP COVER PLATE) AND TWO 120V SINGLE-POLE SWITCHES (EACH WITH HUBBELL #RW51550 WP COVER PLATE) AND ONE DUPLEX SINGLE-POLE SWITCH (WITH HUBBELL #RW51470 WP COVER PLATE), AND ONE TIMER SWITCH FOR HEATERS MOUNTED IN THE WALL. IN FLUSH MOUNTED METAL SINGLE-GANG BOXES FOR LOCAL ON/OFF CONTROL OF THE FANS. HEATER TIMER SWITCH, HEATERS, AND CANOPY LIGHTS. SEE WIRING SCHEMATIC FOR FURTHER INFORMATION. ALL SURFACE (OR VISIBLE) ITEMS AND COVERPLATES TO BE FIELD PAINTED MATTE BLACK.
- A5) ALL CONDUIT AND BOXES SHALL BE CONCEALED FROM NORMAL VIEW; IN WALLS OR CEILING.

### POWER PLAN KEYNOTES

- 1) PROVIDE TWO-GANG DEEP BOX (2" MIN.) FOR ANSUL PULL STATION. EXTEND 1/2" CONDUIT FROM BOX, STUBBED ABOVE CEILING.
- 2) PROVIDE EDWARDS #340-4NS VIBRATING 4" DIAMETER BELL. THE BELL SHALL BE RATED AT 120 VOLTS.
- 3) PROVIDE A 120 VOLT WEATHERPROOF DOORBELL PUSHBUTTON AT DOOR. PUSHBUTTON SHALL BE FLUSH MOUNTED. PROVIDE DORTRONICS SYSTEMS #WS286-P25 CLEAR ANODIZED ALUMINUM PUSHBUTTON WITH SINGLE GANG SWITCHPLATE.
- 4) TWO 2" TELEPHONE SERVICE ENTRANCE CONDUIT(S). EXTEND WITH PULL STRING FROM TELEPHONE SERVICE J-BOX TO THE UTILITY SOURCE. REFER TO THE ELECTRICAL SITE PLAN FOR ADDITIONAL INFORMATION.
- 5) SEE FURNITURE ELEVATIONS FOR EXACT MOUNTING LOCATION.
- 6) PROVIDE DUPLEX RECEPTACLE (SEE ELEVATIONS FOR MTG HT) IN AN ARLINGTON #DVF2RW 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 (IN DINING AREAS) WITH USB CHARGER SHALL BE COOPER/ARROW HART #TR7756-B (BROWN) WITH MATCHING COLOR 'DECOR' STYLE PLATE. VERIFY COLOR WITH OWNER.
- 8) NOT USED.
- 9) ONE 3" ISP SERVICE CONDUIT. EXTEND WITH PULL STRING FROM J-BOX TO SUPPLIER'S SOURCE. REFER TO ELECTRICAL SITE PLAN FOR ADDITION INFORMATION.
- 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) PROVIDE TWO 8" H X 6" W X 4" D J-BOXES (ONE FOR TELEPHONE AND ONE FOR ISP) AT 6'-9" AFF AND EXTEND A 2" CONDUIT WITH PULL STRING IN THE WALL FROM EACH J-BOX INTO THE ACCESSIBLE CEILING SPACE. PROVIDE A 36" X 36" X 3/4" 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 A #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 #6 15 AMP ISOLATED GROUND (IG) ORANGE-FACED DUPLEX RECEPTACLE IN THE WALL BESIDE THE BACKBOARD. CONNECT TO CIRCUIT POS-12 (15A/1P BRANCH BREAKER), AND LABEL THE RECEPTACLE "FOR FIBER TO CABLE MODEM USE ONLY".
- 12) PROVIDE JUNCTION BOX AT 8'-0" AFF WITH CONDUIT AND CONDUCTORS TO PANELBOARD FOR FUTURE CONNECTION TO BOOSTER PUMP. REFER TO THE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 13) THE STORE OPEN-CLOSE UNIT SWITCH IS FURNISHED WITH THE CFA-T500 CONTROL PANEL AND FACTORY INSTALLED IN THE DOOR OF THE CFA-T500 CABINET.
- 14) SEE SHEET E-303 AND THE ELECTRICAL SITE PLAN FOR THE DRIVE-THRU ORDER AREA REQUIREMENTS AND FOR THE LOCATION OF THE LIGHTING POLE(S) THAT WILL SERVE AS A LOCATION FOR CAMERAS.
- 15) FIELD COORDINATE WITH SECURITY GRILLE VENDOR TO DETERMINE THE EXACT TYPE OF OPERATOR NEEDED. COORDINATE WITH GRILLE VENDOR AND CFA FOR GRILLE CONTROL OPTIONS AND LOCATIONS OF CONTROLS.

### SECURITY KEYNOTES

- S1) PROVIDE SINGLE GANG JUNCTION BOX AND STAINLESS STEEL COVER PLATE WITH 7/8" HOLE IN CENTER. EXTEND 1" CONDUIT UP IN WALL TO ABOVE ACCESSIBLE CEILING.
- S2) PROVIDE 4" W X 4" H X 3" D FLUSH JUNCTION BOX WITHOUT A COVERPLATE. EXTEND 2" CONDUIT UP TO ABOVE ACCESSIBLE OFFICE CEILING AREA AND PROVIDE BUSHING ON CONDUIT.
- S3) PROVIDE 4" W X 4" H X 3" D JUNCTION BOX WITHOUT COVERPLATE AND EXTEND A 2" CONDUIT DOWN THROUGH SLAB AND BELOW GRADE TO EACH OF THE SITE'S POLE MOUNTED CAMERA LOCATIONS (SEE ELECTRICAL SITE PLAN FOR CONTINUATION) AND A 2" CONDUIT UP INTO THE ACCESSIBLE CEILING SPACE WITH A BUSHING ON THE CONDUIT END. PROVIDE A SINGLE-GANG JUNCTION BOX ADJACENT TO THE DOUBLE-GANG BOX WITH A 1.5" CONDUIT DOWN TO A SECOND SINGLE-GANG JUNCTION BOX AT THE CCTV MONITOR LOCATION.
- S4) PROVIDE TWO GANG WEATHERPROOF JUNCTION BOX AND STAINLESS STEEL PLATE WITH 7/8" HOLE IN CENTER FOR PANIC BUTTON. LOCATE AT 48" AFF AND EXTEND 1/2" CONDUIT UP TO ABOVE ACCESSIBLE CEILING WITH CONDUIT SEAL FITTING. SEAL CONDUIT PENETRATION AT WIC/WIF CEILING.
- S5) PROVIDE SINGLE GANG BOX WITHOUT COVER PLATE. EXTEND 1/2" CONDUIT UP IN WALL TO ABOVE ACCESSIBLE CEILING.
- S6) PROVIDE A 1/2" CONDUIT THRU THE EXTERIOR WALL AND STUBBED INTO THE ACCESSIBLE CEILING SPACE FOR THE EXTERIOR WALL MOUNTED AUDIO-VISUAL ALARM NOTIFICATION DEVICE. VERIFY LOCATION WITH THE EXTERIOR ELEVATIONS AND WITH THE SECURITY INSTALLER. TYPICALLY TO BE LOCATED NEAR THE FIRE PROTECTION SYSTEM'S EXTERIOR ALARM UNIT AND VISIBLE FROM THE STREET.
- S7) EXTEND 1/2" RIGID CONDUIT FROM TOP OF STRIKE-SIDE DOOR FRAME CHANNEL TO ABOVE ACCESSIBLE CEILING.
- S7A) EXTEND 3/4" RIGID CONDUIT FROM TOP OF STRIKE-SIDE DOOR FRAME CHANNEL TO ABOVE ACCESSIBLE CEILING.
- S8) EXTEND 1/2" CONDUIT FROM A POINT 3" WITHIN EITHER HINGE-SIDE DOOR VERTICAL FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
- S9) PROVIDE SINGLE GANG JUNCTION BOX WITHOUT COVERPLATE. EXTEND 1/2" CONDUIT UP IN WALL TO ABOVE ACCESSIBLE CEILING.
- S10) PROVIDE SINGLE GANG JUNCTION BOX WITH STAINLESS STEEL COVER PLATE MOUNTED ABOVE THE CEILING SPACE AND ABOVE ON THE INTERIOR SIDE OF THE REAR DOOR. ROUTE 1" CONDUIT FROM THE BOX TO THE 'S12' BOX NOTED BELOW.
- S11) EXTEND 1/2" CONDUIT FROM WINDOW'S FRAME MULLION (RIGHT SIDE) TO ABOVE ACCESSIBLE CEILING.
- S12) PROVIDE SINGLE GANG, WEATHER-PROOF JUNCTION BOX WITH STAINLESS STEEL COVER PLATE MOUNTED ABOVE THE REAR DOOR ON THE EXTERIOR WALL. ROUTE 1" CONDUIT FROM THE BOX AND INTO THE BUILDING AND TERMINATE CONDUIT IN THE BOX NOTED IN 'S10' ABOVE.
- S13) EXTEND 1/2" CONDUIT FROM A POINT 3" INSIDE THE STRIKE-SIDE DOOR FRAME MULLION TO ABOVE ACCESSIBLE CEILING.
- S14) PROVIDE JUNCTION BOX ON THE LATCH SIDE OF THE ROOF ACCESS HATCH WITH 1/2" CONDUIT ABOVE THE CEILING TO AN ACCESSIBLE CEILING SPACE FOR A DOOR CONTACT.

### COMMUNICATIONS KEYNOTES

- C1) 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.
- C2) PROVIDE JUNCTION BOX, LESS COVER PLATE, AND EXTEND 1-1/2" CONDUIT UP IN WALL TO ABOVE CEILING FOR INSTALLATION OF WIRELESS COMMUNICATION CONTROL UNIT.
- C3) 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.
- C4) 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.
- C5) PROVIDE SINGLE-GANG JUNCTION BOX WITH A 3/4" EMPTY CONDUIT STUBBED UP INTO THE ACCESSIBLE CEILING SPACE FOR FUTURE MENU BOARD CABLES.
- C6) PROVIDE SINGLE-GANG JUNCTION BOX ABOVE THE PASS-THRU OPENING WITH A 1" EMPTY CONDUIT STUBBED UP INTO THE ACCESSIBLE CEILING SPACE FOR OWNER'S DATA CABLES.

### MUSIC KEYNOTES

- M1) PROVIDE JUNCTION BOX WITH STAINLESS STEEL COVER PLATE AND 3/4" HOLE IN PLATE WITH GROMMET ON HOLE IN PLATE. EXTEND 3/4" CONDUIT UP IN WALL TO ABOVE CEILING FOR MUSIC SYSTEM.
- M2) NOT USED.
- M3) THREE SINGLE GANG EXTRA DEEP J-BOXES STACKED WITH A 1/2" CONDUIT FROM EACH TO THE TOP J-BOX BOX AND A 1" CONDUIT STUBBED INTO THE CEILING SPACE FOR MUSIC SYSTEM VOLUME CONTROLS PROVIDED BY OWNER'S VENDOR.
- M4) 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.

### POS DATA KEYNOTES

- R1) PROVIDE A 'RETROFIT' DOUBLE-GANG RING (CARLON #SC200RR) FOR OWNER'S DEVICE PLATE WITH A 3" EMPTY CONDUIT AT THE OPENING STUBBED UP INTO THE CEILING SPACE FOR OWNER'S DATA CABLES.
- R2) PROVIDE SINGLE-GANG JUNCTION BOX WITH A 1" CONDUIT EXTENDING UP INTO THE CEILING SPACE FOR POS MONITOR(S). COVER PLATE PROVIDED BY OWNER'S POS SYSTEM VENDOR.
- R3) 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.
- R4) PROVIDE A 'RETROFIT' SINGLE GANG RING (CARLON #SC100RR) FOR OWNER'S DEVICE PLATE WITH A 2" EMPTY CONDUIT AT THE OPENING STUBBED UP INTO THE CEILING SPACE FOR OWNER'S DATA CABLES.
- R5) PROVIDE SINGLE-GANG JUNCTION BOX WITH A 1" CONDUIT EXTENDING UP INTO THE CEILING SPACE FOR POS TERMINAL. POS SYSTEM SUPPLIER WILL PROVIDE COVER PLATE ON BOX.
- R6) PROVIDE SINGLE GANG EXTRA DEEP JUNCTION BOX MOUNTED ON THE MOUNTING PLATE WITHIN THE FRONT SERVING COUNTER CASEWORK. MOUNT BOX ADJACENT TO THE RECEPTACLE FOR EQUIPMENT 180. DO NOT MOUNT BOX BETWEEN EQUIPMENT 180 AND EQUIPMENT 182 RECEPTACLES.
- R7) PROVIDE A SINGLE GANG BOX FLUSH MOUNTED IN THE CEILING FOR THE POS DATA PLATE (BY OTHERS) FOR THE SALAD PREP AREA POS MONITOR AND PRINTER.

### CO2 DETECTOR NOTES

- G1) CO2 CENTRAL CONTROL UNIT - PROVIDE SINGLE-GANG BACKBOX AT 60" AFF WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE
- G2) CO2 ANNUNCIATOR UNIT - PROVIDE SINGLE-GANG BACKBOX AT 60" AFF WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE
- G3) CO2 SENSOR UNIT - PROVIDE SINGLE-GANG BACKBOX AT 12" AFF WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE
- G4) CO2 POWER SUPPLY - PROVIDE SINGLE-GANG BACKBOX AT 18" BELOW CEILING WITH 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE. PROVIDE DUPLEX OUTLET, AND CONNECT TO A LOCAL GENERAL OUTLET CIRCUIT. FIELD VERIFY EXACT LOCATION WITH STRONG SYSTEMS 800-500-5566

### POWER PLAN 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 BUSHING 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.

### KEYNOTE NOTE

THIS IS A GENERAL LISTING OF ALL KEYNOTES FOR THE LIGHTING PLAN AND THE POWER PLANS. NOT ALL KEYNOTES ARE USED ON THE PLANS.

### ROOF POWER KEYNOTES

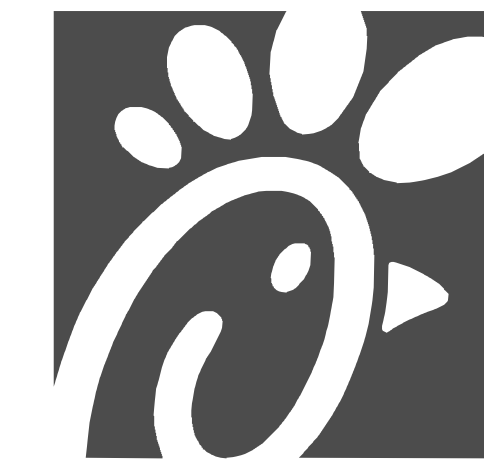
- 1) ROUTE ELECTRICAL CONDUITS TO UNIT CONNECTIONS THROUGH WEATHERPROOF RACEWAY FURNISHED WITH UNIT. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS.
- 2) MOUNT WEATHER-PROOF FUSED DISCONNECT SWITCHES FOR WIC AND WIF CONDENSERS ON UNISTRUT WITH CONDUIT DOWN INTO CEILING SPACE BELOW THRU ROOF PENETRATION DEVICE (NOT THRU ROOF). SEE THE ARCHITECTURAL ROOF PENETRATION DETAIL(S) FOR FURTHER INFORMATION. PROVIDE FUSE SIZE PER MANUFACTURER REQUIREMENTS.
- 3) CONNECT ONE PHOTOCELL ON ROOF TO THE CFA-T500 CONTROL PANEL TERMINALS AND ONE PHOTOCELL ON ROOF TO THE ORDER/OMD CANOPY CONTROL PANEL AS DIRECTED BY SUNCOAST ENVIRONMENTAL INC WIRING DIAGRAMS. PHOTOCELLS ON THE ROOF FURNISHED WITH CONTROL PANELS ORDER (SUNCOAST) AND INSTALLED BY CONTRACTOR.
- 4) COORDINATE EXACT LOCATION OF CONDUIT AND DISCONNECT AT EXHAUST FAN. CONDUIT SHALL BE INSTALLED THROUGH ROOF ON OUTSIDE OF FAN CURB. CONDUIT SHALL BE LOCATED AT FAN HINGE SUCH THAT THE FAN HOOD CAN BE FULLY HINGED OPEN AND NOT TOUCH THE CONDUIT. PROVIDE 14" DIAMETER LOOP IN THE FLEXIBLE CONDUIT BETWEEN THE ROOF AND THE FAN ELECTRICAL CONNECTION.
- 5) NOT USED.
- 6) NOT USED.
- 7) NOT USED.
- 8) COORDINATE EXACT LOCATION OF CONDUIT AND DISCONNECT AT EXHAUST FAN. CONDUIT SHALL BE ROUTED WITH DUCTWORK WITHIN FAN ROOF CURB AND TO THE FAN WIREWAY. PROVIDE SEALTIGHT FITTINGS AS THE CONDUIT ENTERS AND LEAVES THE DUCTWORK. CIRCUIT WITH RESTROOM LIGHTING AHEAD OF OCCUPANCY SENSORS. REFER TO THE LIGHTING PLAN FOR CONTINUATION.
- 9) MOUNT TYPE 'OC' LIGHTING FIXTURE, WITH INTEGRAL SLIPFITTER, ON PIPE. PIPE WILL BE PROVIDED BY OTHER TRADES. AIM LIGHTING FIXTURE AT NIGHT FOR BEST ILLUMINATION OF FLAG.
- 10) CONNECT POWER FROM EACH CONDENSING UNIT'S COMPRESSOR CONTACTOR TO THE EVAPORATOR COIL UNIT'S JUNCTION BOX BELOW. REFER TO ENLARGED KITCHEN POWER PLAN FOR LOCATION.
- 11) CONVENIENCE RECEPTACLE PROVIDED PRE-INSTALLED IN HVAC UNIT. CONNECT TO 120 VOLT CIRCUIT AS REQUIRED AND/OR AS INDICATED. (NOTE THAT ONE UNIT WILL NOT BE FURNISHED WITH AN INTEGRAL PRE-INSTALLED RECEPTACLE OUTLET. CONTRACTOR SHALL PROVIDE A GFCI TYPE 20 AMP RECEPTACLE WITH IN-USE WP COVERPLATE MOUNTED TO THE OUTSIDE OF THE ROOFTOP AC UNIT.)
- 12) A/C UNIT DISCONNECT IS FURNISHED WITH A/C UNIT AND SHALL BE CONNECTED BY THE CONTRACTOR.
- 13) EXHAUST FAN IS FURNISHED WITH A PREWIRED DISCONNECT.

### ENLARGED POWER PLAN KEYNOTES

- E1) CONNECT EVAPORATOR UNIT IN FREEZER TO FREEZER CONDENSING UNIT CONTROLS LOCATED ON ROOF. SEE THE ROOF ELECTRICAL PLAN.
- E2) CONNECT EVAPORATOR UNIT IN COOLER TO COOLER CONDENSING UNIT CONTROLS LOCATED ON ROOF. SEE THE ROOF ELECTRICAL PLAN.
- E3) NOT USED.
- E4) CONNECT AS REQUIRED TO CJ FAN VIA THE HOOD SUPPLIED SPEED CONTROLLER. CONNECT HOMERUN VIA A RELAY IN THE CFA-T500 CONTROL SECTION.
- E5) ROUTE THROUGH LIGHTING CONTROL SWITCHBANK "SB" FOR THE MENUBOARD POWER. CONTROLLED BY SWITCH "F". SEE THE LIGHTING FLOOR PLAN.
- E6) SEE THE ROOF ELECTRICAL PLAN FOR THE LOCATION OF THE ICE MAKER CONDENSERS AND ANY ADDITIONAL REQUIREMENTS.
- E7) PROVIDE 3#12 IN 1/2" CONDUIT BETWEEN THE CFA-T500 CONTROL PANEL AND THE ANSUL PANEL (S). SEE ANSUL SYSTEM WIRING DIAGRAM DETAIL ON SHEET E-002 FOR ADDITIONAL INFORMATION.
- E8) PROVIDE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE RECEPTACLE IN COMPLIANCE WITH THE NEC FOR KITCHEN/FOOD PREP AREAS. IF THE RECEPTACLE OUTLET IS NOT NOTED AS GFCI, THEN THE BREAKER IS TO BE GFCI TYPE.
- E9) SB8000 PANEL ENCLOSURE WITH 2 LITTELFUSE SHOCK BLOCK GFCI PROTECTION DEVICES. 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.
- E10) THE RECESSED PIN AND SLEEVE BOX WITH THE 'SLEEVE' RECEPTACLE FOR THE OPEN FRYERS (ITEMS #522 AND 522A) ARE FURNISHED BY THE EXHAUST HOOD SUPPLIER AND INSTALLED BY THE CONTRACTOR. THE OPEN FRYER SUPPLIER PROVIDES PREWIRED CORDESET WITH A PIN DEVICE INTEGRAL WITH THE OPEN FRYER TO PLUG INTO THE SLEEVE RECEPTACLE.
- E11) NOT USED.
- E12) SINGLE POLE SWITCH SHALL SERVE AS THE LOCAL "IN-SIGHT" MEANS OF DISCONNECT FOR EQUIPMENT ITEM AS NOTED. SEE DIRECT CONNECTION DETAILS ON SHEET E-002 FOR FURTHER INFORMATION.
- E13) PROVIDE A JUNCTION BOX ABOVE CEILING FOR THE AIR DROO ABOVE THE DT SLIDING DOOR. COORDINATE WITH THE MECHANICAL DRAWINGS AND WITH THE UNIT'S SUPPLIER FOR THE ROUGH-IN REQUIREMENTS AND ANY CONTROL WIRING. PROVIDE DOUBLE GANG BOX AND COVER PLATE FOR CONTROL SWITCHES.
- E14) OVERHEAD EQUIPMENT POWER (OEP) DROP CORD RECEPTACLES FROM A FLUSH MOUNTED CEILING OEP BOX (MAXIMUM OF SIX PER ASSEMBLY.) 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 AS NOTED ON PLAN. CONTACT BRIDGID DEFRAMESHI EMAIL: BRIDGID1985@GMAIL.COM (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 & SEYMOUR MODEL #FS075-UHG45 OR EQUIVALENT.
- E15) PROVIDE A DOUBLE-GANG BOX FLUSH MOUNTED IN THE CEILING WITH A BLANK PLATE WITH HOLE FOR A DROP CORD. PROVIDE THE #12 DROP CORD (WITH STRAIN RELIEF AT THE BOX AND AT THE OUTLET BACKBOX) AND CONNECT THE CORD TO AN OUTLET BOX (WITH STRAIN RELIEF) IN THE CEILING. PROVIDE TWO 15 AMP IC (ORANGE) RECEPTACLE OUTLETS. OUTLET BOX TO BE MOUNTED TO THE OVERHEAD SHELVING AT THE PRINTER AND MONITOR MOUNTING BRACKET.

### POS POWER KEYNOTES

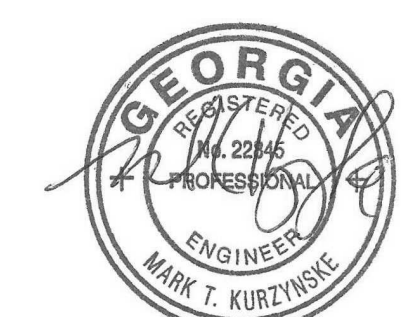
- P1) PROVIDE ORANGE ISOLATED GROUND (IG) DUPLEX RECEPTACLE.
- P2) PROVIDE GROUND FAULT PROTECTION FOR THESE DEVICES VIA A GROUND FAULT CIRCUIT BREAKER IF LOCAL CODE DEFINES THIS AS A FOOD PREPARATION AREA.
- P3) USE TYPE MC CABLE FOR THE ISOLATED GROUND CIRCUIT. #12 HOT, NEUTRAL, GREEN GROUND, STRIPED ISOLATED GROUND. EACH 15 AMP HOMERUN SHALL BE DEDICATED TO A CIRCUIT BREAKER VIA DEDICATED CONDUCTORS WITHIN A CABLE ASSEMBLY. ALL MC CABLES SHALL BE RUN OVERHEAD 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.



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



**Kurzynske & Associates**  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



03/30/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**

BUILDING TYPE / SIZE: P13 CUSTOM  
RELEASE: v2\_20\_08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	08/25/21	BID SET
4	03/15/22	CONSTRUCTION SET

CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASED FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY BJS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
SHEET LIGHTING AND POWER PLAN KEYNOTES

SHEET NUMBER

**E-003**

RELEASED FOR CONSTRUCTION

### ELECTRICAL SITE PLAN KEYNOTES

(APPLIES TO THE ELECTRICAL SITE PLAN ONLY)

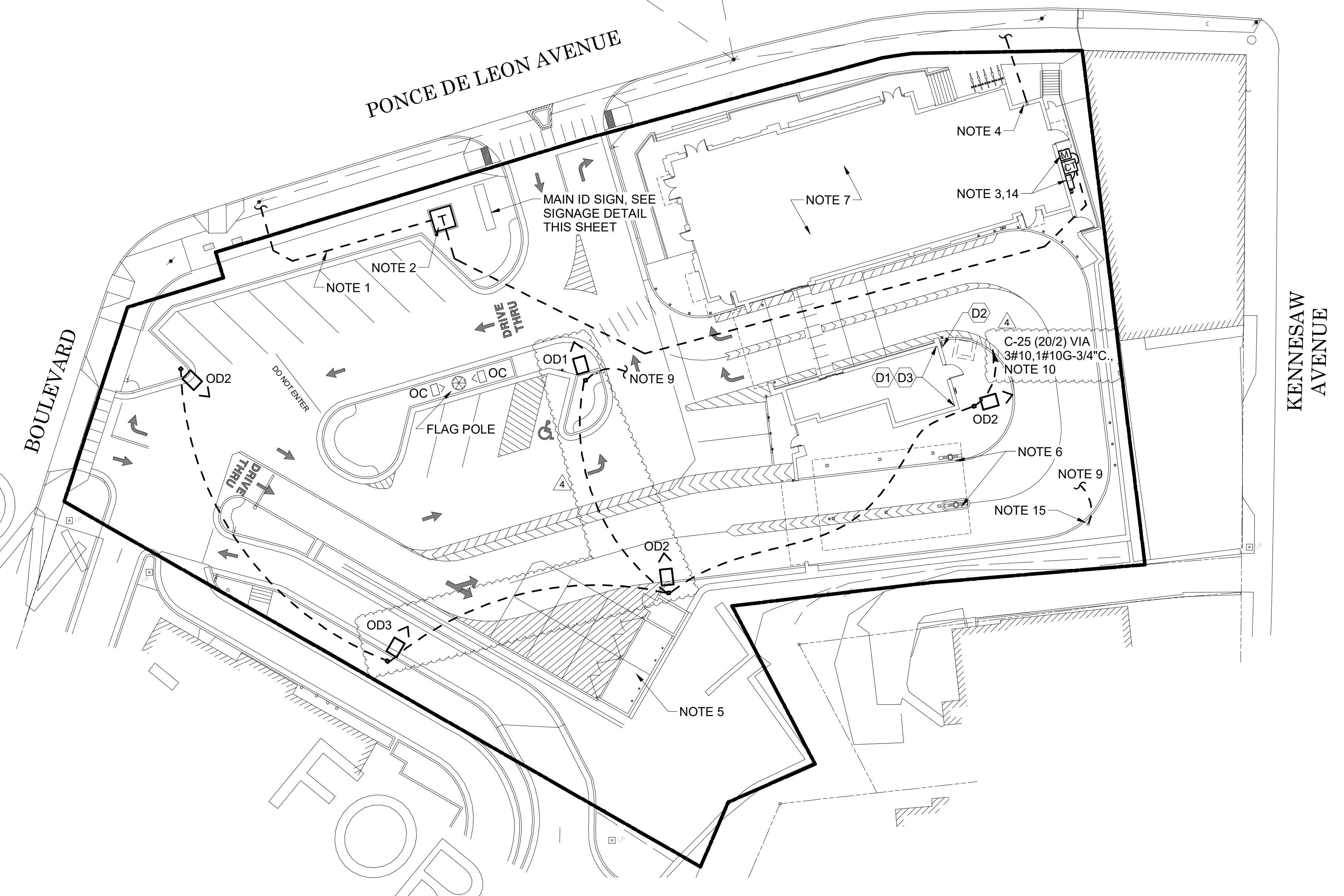
- FIELD COORDINATE LOCATION OF PRIMARY UNDERGROUND ELECTRICAL UTILITY LINES.
- PROPOSED LOCATION OF PAD MOUNTED TRANSFORMER FURNISHED BY THE ELECTRICAL UTILITY COMPANY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE:
  - PROVIDE THREE 4" SCH. 40 PVC PRIMARY CONDUITS TO UTILITY SOURCE, AT MINIMUM 30" BELOW FINISHED GRADE AND IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS. COORDINATE ALL REQUIREMENTS WITH THE UTILITY COMPANY PRIOR TO BID.
  - SECONDARY SERVICE LATERAL FROM UTILITY TRANSFORMER TO PANEL 'MDP' VIA THE CURRENT TRANSFORMER CABINET. SEE SHEET E-502, "SINGLE-LINE DIAGRAM". REFER TO "ELECTRICAL SERVICE LATERAL CONDUIT DETAIL", SHEET E-101 FOR ADDITIONAL INFORMATION.
  - CONCRETE PAD FOR UTILITY TRANSFORMER IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
  - METERING CONDUIT. SEE NOTE-14.
- LOCATION OF TERMINATION OF SECONDARY SERVICE LATERAL AT PANEL 'MDP'. REFER TO "SINGLE-LINE DIAGRAM" ON SHEET E-502 FOR ADDITIONAL INFORMATION.
- PROVIDE TWO 3" SCH. 40 PVC CONDUIT (ONE IS A SPARE), MINIMUM 24" BELOW FINISHED GRADE, FOR TELEPHONE SERVICE FROM TELEPHONE UTILITY SOURCE TO JUNCTION BOX INSIDE THE BUILDING. REFER TO SHEET E-221 FOR LOCATION OF JUNCTION BOX IN SERVICE AREA. REFER TO "TELEPHONE SERVICE CONDUIT DETAIL", SHEET E-101, FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION OF UTILITY SOURCE WITH TELEPHONE UTILITY. TERMINATE CONDUITS AT UTILITY SOURCE AS REQUIRED BY THE UTILITY COMPANY.
  - PROVIDE ONE 3" SCH. 40 PVC CONDUIT, MINIMUM 24" BELOW FINISHED GRADE, FOR ISP SERVICE FROM UTILITY SOURCE TO JUNCTION BOX INSIDE THE BUILDING. REFER TO SHEET E-221 FOR LOCATION OF JUNCTION BOX IN BUILDING. REFER TO "TELEPHONE SERVICE CONDUIT DETAIL", SHEET E-101, FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION OF UTILITY SOURCE WITH SERVICE SUPPLY COMPANY. TERMINATE CONDUITS AT AS REQUIRED BY THE UTILITY COMPANY.
- LOCATION OF DUMPSTER. REFER TO "REFUSE ENCLOSURE PLAN - ELECTRICAL", SHEET E-303 FOR ELECTRICAL REQUIREMENTS IN THIS AREA.
- REFER TO SHEET E-303 FOR ELECTRICAL REQUIREMENTS AT MENU BOARD AND DRIVE-THROUGH CANOPY.
- REFER TO SHEETS E-901 & E-902 FOR ELECTRICAL SPECIFICATIONS PERTAINING TO ELECTRICAL WORK DESCRIBED ON THIS SHEET.
- REFER TO SHEET E-001 FOR LIGHTING FIXTURE SCHEDULE.
- PROVIDE UNDERGROUND CONDUIT TO JUNCTION BOX IN OFFICE FOR POLE MOUNTED SECURITY CAMERA. REFER TO SHEET E-302 FOR LOCATION OF JUNCTION BOX IN OFFICE AND REQUIRED SIZE OF CONDUIT. COORDINATE EXACT CAMERA LOCATION WITH CHICK-FIL-A SECURITY SYSTEM REPRESENTATIVE PRIOR TO ROUGH-IN.
- CONNECT SITE LIGHTING CIRCUITS TO TERMINAL BLOCKS LOCATED IN THE "CFA-T500" CONTROL PANEL (TYPICAL). SEE PANEL SCHEDULES ON SHEET E-501.
- CONNECT SITE SIGNAGE CIRCUITS TO TERMINAL BLOCKS LOCATED IN THE "CFA-T500" CONTROL PANEL (TYPICAL). SEE PANEL SCHEDULES ON SHEET E-501. COORDINATE LOCATIONS OF ALL SIGNS WITH CHICK-FIL-A REPRESENTATIVE PRIOR TO BID AND PRIOR TO CONDUIT INSTALLATION.
- PROVIDE GFCI TYPE WEATHERPROOF RECEPTACLE MOUNTED ON MAIN SIGN SUPPORT +14" AFG. THIS RECEPTACLE SHALL NOT BE SWITCHED. (BYPASS THE CONTACTOR AND SIGN'S DISCONNECT SWITCH.)
- PROVIDE WEATHERPROOF 20A SPST TOGGLE SWITCH 18" AFG AND CONNECTION TO MAINTENANCE DISCONNECT SWITCH FOR MAIN I.D. SIGN.
- PROPOSED LOCATION OF BUILDING MOUNTED ELECTRICAL UTILITY METER. METER BASE WILL BE FURNISHED BY THE UTILITY COMPANY AND INSTALLED BY THE CONTRACTOR. THE CURRENT TRANSFORMER CABINET SHALL BE FURNISHED AND INSTALLED ON THE BUILDING BY THE CONTRACTOR. THE CONTRACTOR SHALL ALSO FURNISH AND INSTALL A 1-1/4" RIGID GALVANIZED CONDUIT BETWEEN METER BASE AND CURRENT TRANSFORMER CABINET. COORDINATE LOCATIONS AND REQUIREMENTS WITH ELECTRIC UTILITY COMPANY PRIOR TO BID.
- PROVIDE A 12' POLE FOR MOUNTING OF SECURITY CAMERA. POLE TO MATCH SITE LIGHTING POLES IN STYLE AND COLOR.

### POWER/TELEPHONE UTILITIES:

COORDINATE AND COMPLY WITH ALL TELEPHONE AND ELECTRICAL UTILITY REQUIREMENTS. THE FOLLOWING PERSONS SHALL BE CONTACTED FOR SPECIFIC UTILITY COMPANY REQUIREMENTS:

ELECTRICAL UTILITY: IKE COLLINS  
GEORGIA POWER  
(404) 506-4569

TELEPHONE UTILITY: TBD



### GENERAL ELECTRICAL SITE PLAN NOTES

(APPLIES TO THE ELECTRICAL SITE PLAN ONLY)

- VERIFY WITH LOCAL AUTHORITIES AND UTILITIES THAT OWNER'S SIGNS, POLES, AND THEIR APPURTENANCES ARE NOT LOCATED ON OR OVER ANY EASEMENT OR MUNICIPAL RIGHT OF WAY.
- SITE WORK, UTILITY, AND ROADWAY INFORMATION ARE TAKEN FROM BOUNDARY AND TOPO SURVEY SITE PLANS. REFER TO C-DRAWINGS.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" C. MINIMUM CONDUCTOR SIZE SHALL BE #10AWG COPPER UNLESS OTHERWISE NOTED.
- REFER TO BUILDING ELECTRICAL DRAWINGS FOR EXTERIOR LIGHTING CONTROL.
- FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ONLY NEW AND U.L. LABELED ELECTRICAL EQUIPMENT, UNLESS INDICATED OTHERWISE BY THE CONTRACT DOCUMENTS.
- FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL CONTACT ALL UTILITIES FOR VERIFICATION AND IDENTIFICATION OF ALL UNDERGROUND RUNS, PRIOR TO SITE TRENCHING ("CALL BEFORE YOU DIG").
- FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE (NECA 70), AND THE LIFE SAFETY CODE (NFPA 101), AS ADOPTED AND/ OR AMENDED BY STATE AND LOCAL AUTHORITIES HAVING JURISDICTION.
- FOR WORK UNDER THIS DIVISION, ELECTRICAL CONTRACTOR SHALL COORDINATE AND FIELD VERIFY LOCATIONS OF ALL UTILITY SERVICE RUNS, ORIGINATIONS, TERMINATIONS AND ANY INSTALLATION REQUIREMENTS (i.e. ELECTRICAL, TELEPHONE, WATER, GAS, SEWAGE, ETC.), AS RELATED TO THIS JOB, OR THEREBY EFFECTED.

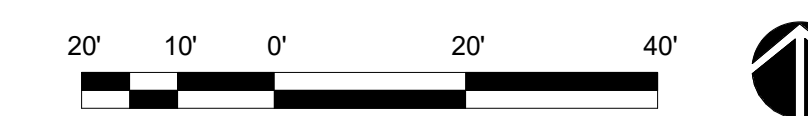
### DT CASH STATION - KEYNOTES

(APPLIES TO THE ELECTRICAL SITE PLAN ONLY)

- LOCATION OF A 360 DEGREE BUILDING MOUNTED EXTERIOR CAMERA (BY OTHERS). PROVIDE A 3/4" CONDUIT AT 9'-4" AFF TO AN EXTERIOR WALL MOUNTED WP JUNCTION BOX WITH THE CONDUIT ABOVE THE INTERIOR CEILING AND EXTENDED TO AN ACCESSIBLE CEILING AREA FOR CAMERA CABLES BY OTHERS.
- PROVIDE AN EXTERIOR DUPLEX 120V, 20A RECEPTACLE AT 18" AFF WITH 'IN-USE' STYLE LOCKABLE WP COVER AND CONNECT TO A GENERAL PURPOSE 120V RECEPTACLE CIRCUIT.
- PROVIDE A JUNCTION BOX ON THE INSIDE PARAPET WALL ABOVE THE ROOF WITH A 3/4" CONDUIT STUBBED DOWN INTO AN ACCESSIBLE CEILING SPACE AREA BELOW FOR THE OWNER PROVIDED WI-FI EXTERIOR ANTENNAE.

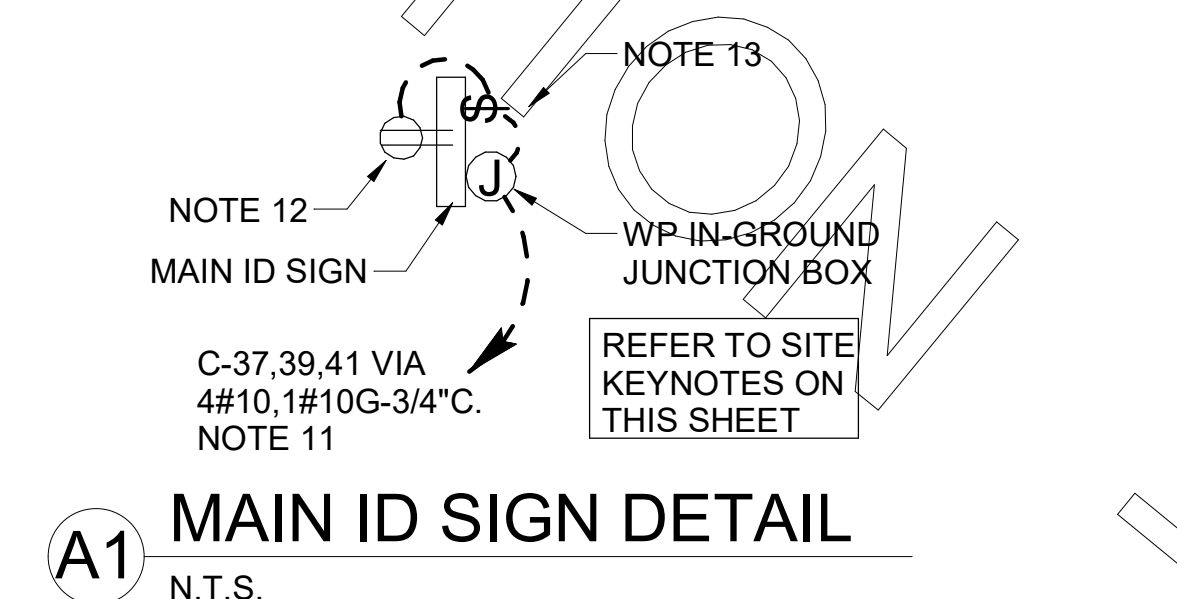
### B1 ELECTRICAL SITE PLAN

1" = 20'-0"



### ELECTRICAL SITE PLAN SYMBOLS

SYMBOL	DESCRIPTION (UNLESS OTHERWISE NOTED ON PLANS)
	UTILITY COMPANY TRANSFORMER, (208 VOLT, 3 PHASE, 4 WIRE SECONDARY)
	S.P.S.T. LIGHT SWITCH (600V AC QUIET TYPE)
	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE
	CONDUIT HOMERUN TO PANEL
	JUNCTION BOX (SINGLE GANG STEEL WHERE WALL MOUNTED, 4" SQ. STEEL WHERE CEILING MOUNTED, UNLESS NOTED OTHERWISE)
	CONDUIT BURIED BELOW GRADE
	POLE MOUNTED SITE LIGHTING FIXTURE. CHEVRON INDICATES DIRECTION OF PRIMARY LIGHT DISTRIBUTION. ROTATE REFLECTOR AS NECESSARY.



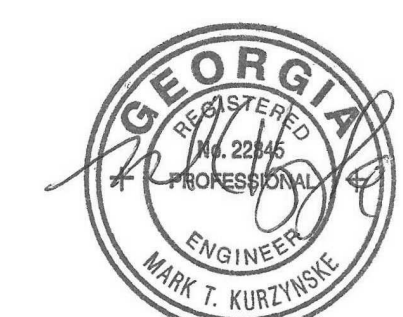
A1 MAIN ID SIGN DETAIL  
N.T.S.



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



**Kurzynske & Associates**  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



03/30/22

**CHICK-FIL-A**  
**PONCE & BLVD**

689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**

BUILDING TYPE / SIZE: P13 LSR  
RELEASE:

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
4	03/15/22	CONSTRUCTION SET

CONSULTANT PROJECT # 20127.CC.S

PRINTED FOR: RELEASED FOR CONSTRUCTION  
DATE: 11/10/2020  
DRAWN BY: ES

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

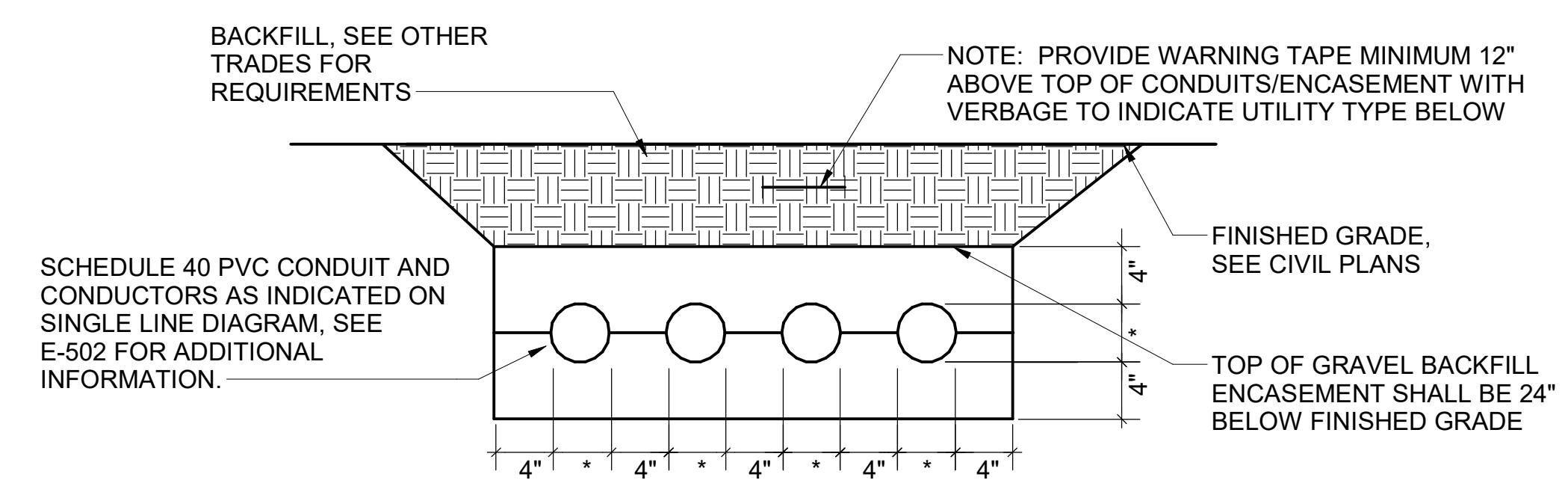
SHEET: ELECTRICAL SITE PLAN

SHEET NUMBER

**E-100**

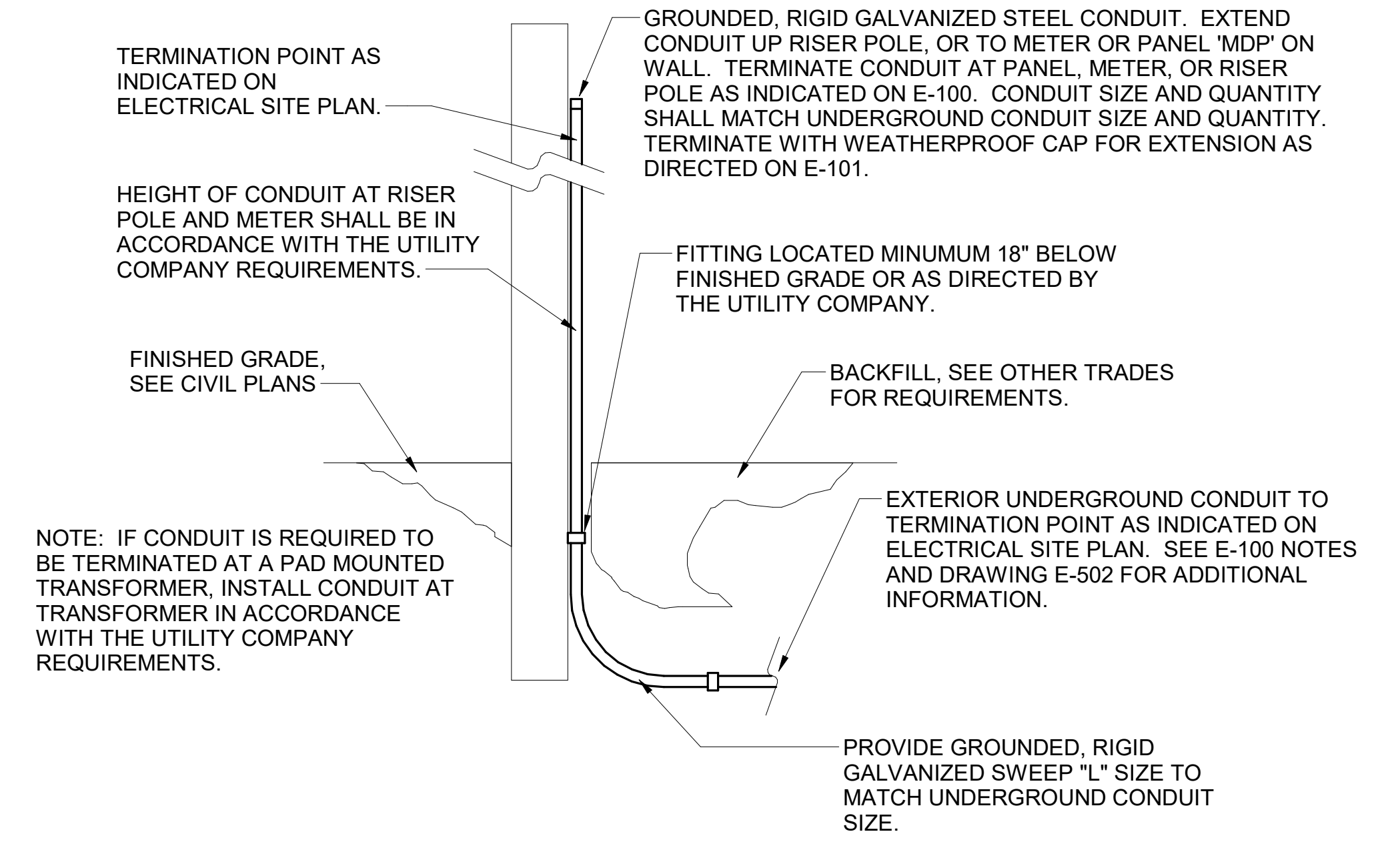
RELEASED FOR CONSTRUCTION

FOR CONSTRUCTION

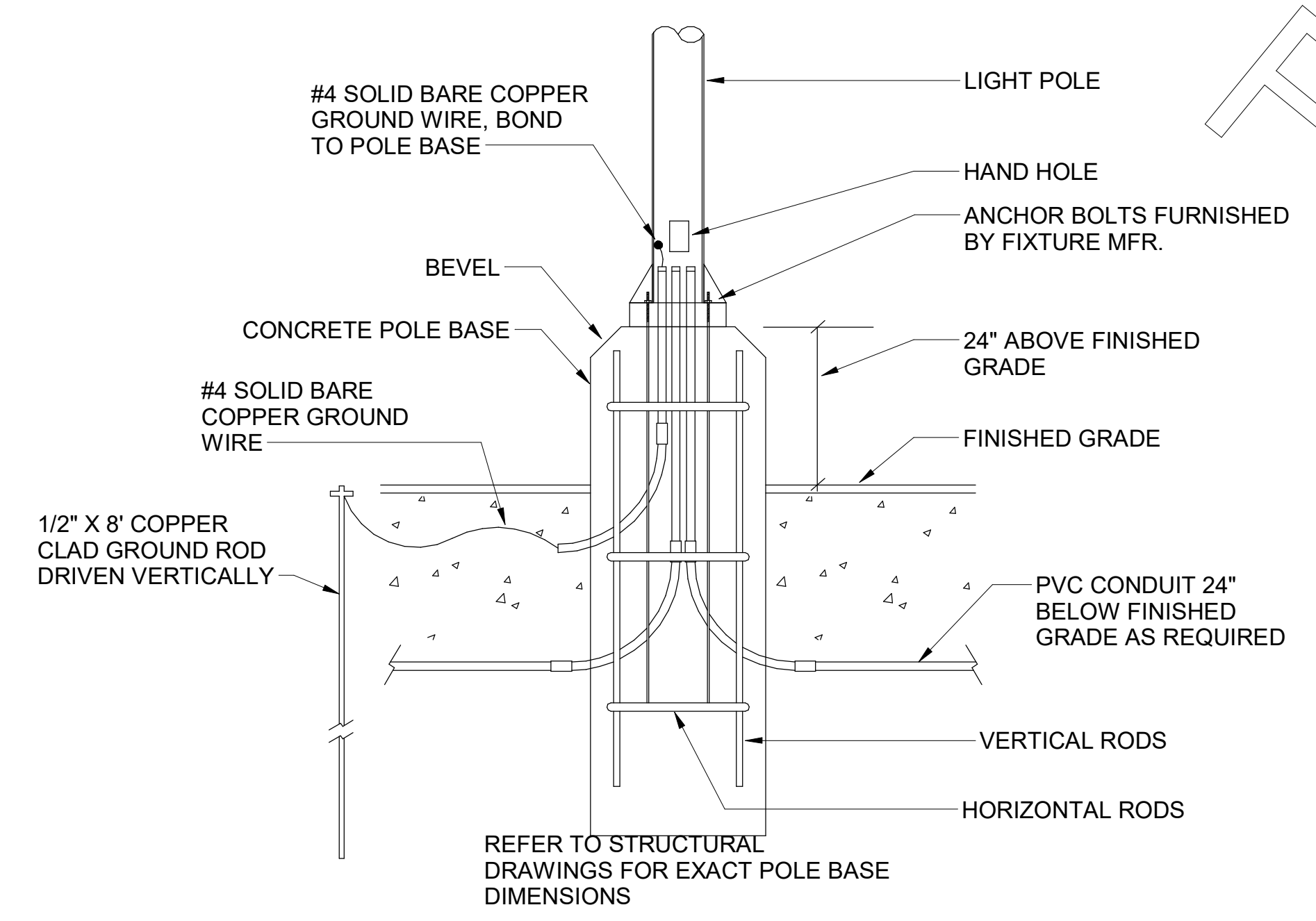


NOTE: WHERE THE SECONDARY CONDUITS FROM THE UTILITY TRANSFORMER TO THE CURRENT TRANSFORMER CABINET (OR MAIN PANELBOARD) ARE FURNISHED BY THE UTILITY COMPANY (FOR INSTALLATION BY THE CONTRACTOR) OR ARE FURNISHED AND INSTALLED BY THE UTILITY COMPANY, THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH THE UTILITY COMPANY PRIOR TO BID. REFER TO THE ELECTRICAL SITE PLAN FOR ADDITIONAL INFORMATION.

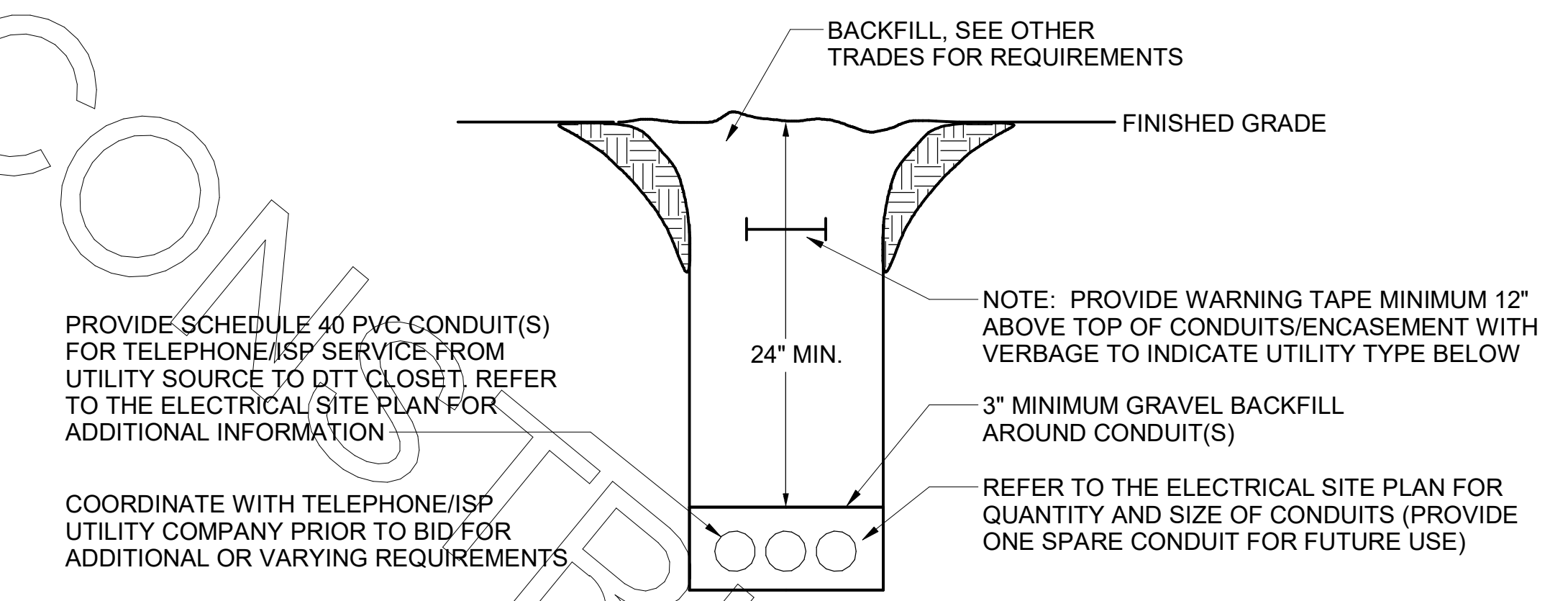
**E1** ELECTRICAL SERVICE LATERAL CONDUIT DETAIL  
N.T.S.



**C1** EXTERIOR CONDUIT TURN UP DETAIL  
N.T.S.



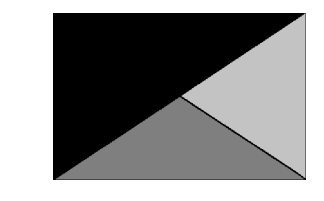
**B2** TYPICAL POLE BASE DETAIL  
N.T.S.



**B1** TELEPHONE SERVICE CONDUIT DETAIL  
N.T.S.



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



**Kurzynske & Associates**  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



03/30/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**  
BUILDING TYPE / SIZE: P13 LSR  
RELEASE:

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASED FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY ES

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET ELECTRICAL SITE PLAN DETAILS

SHEET NUMBER **E-101**

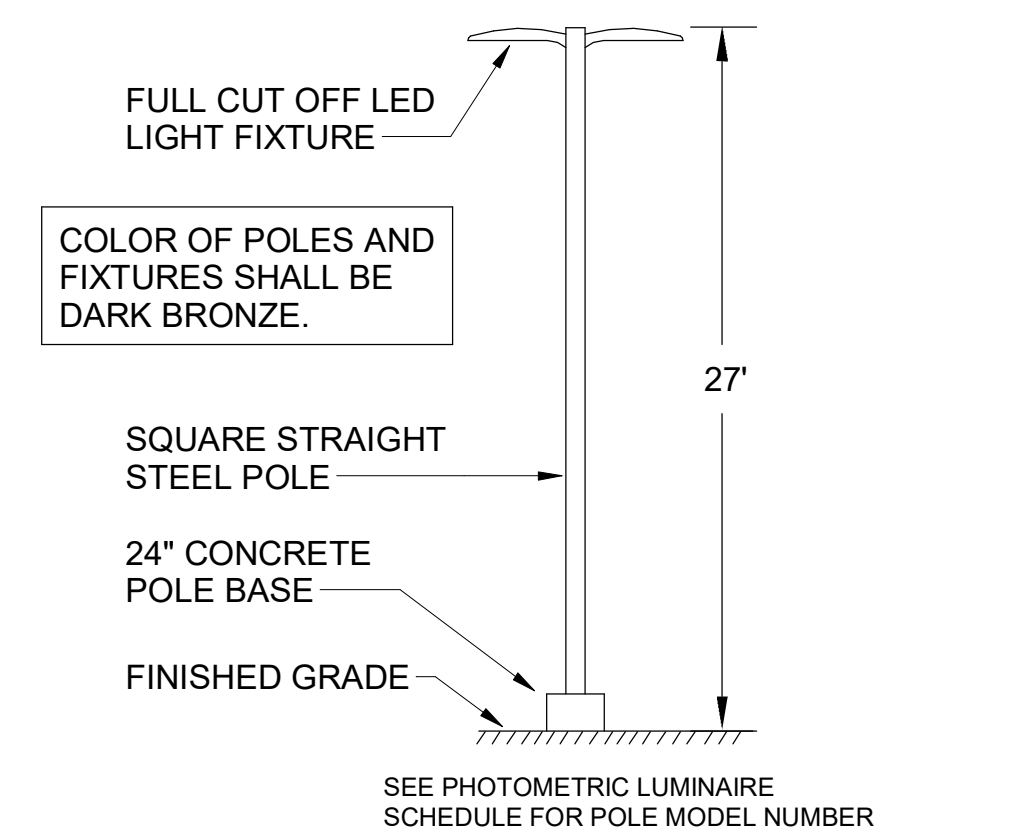
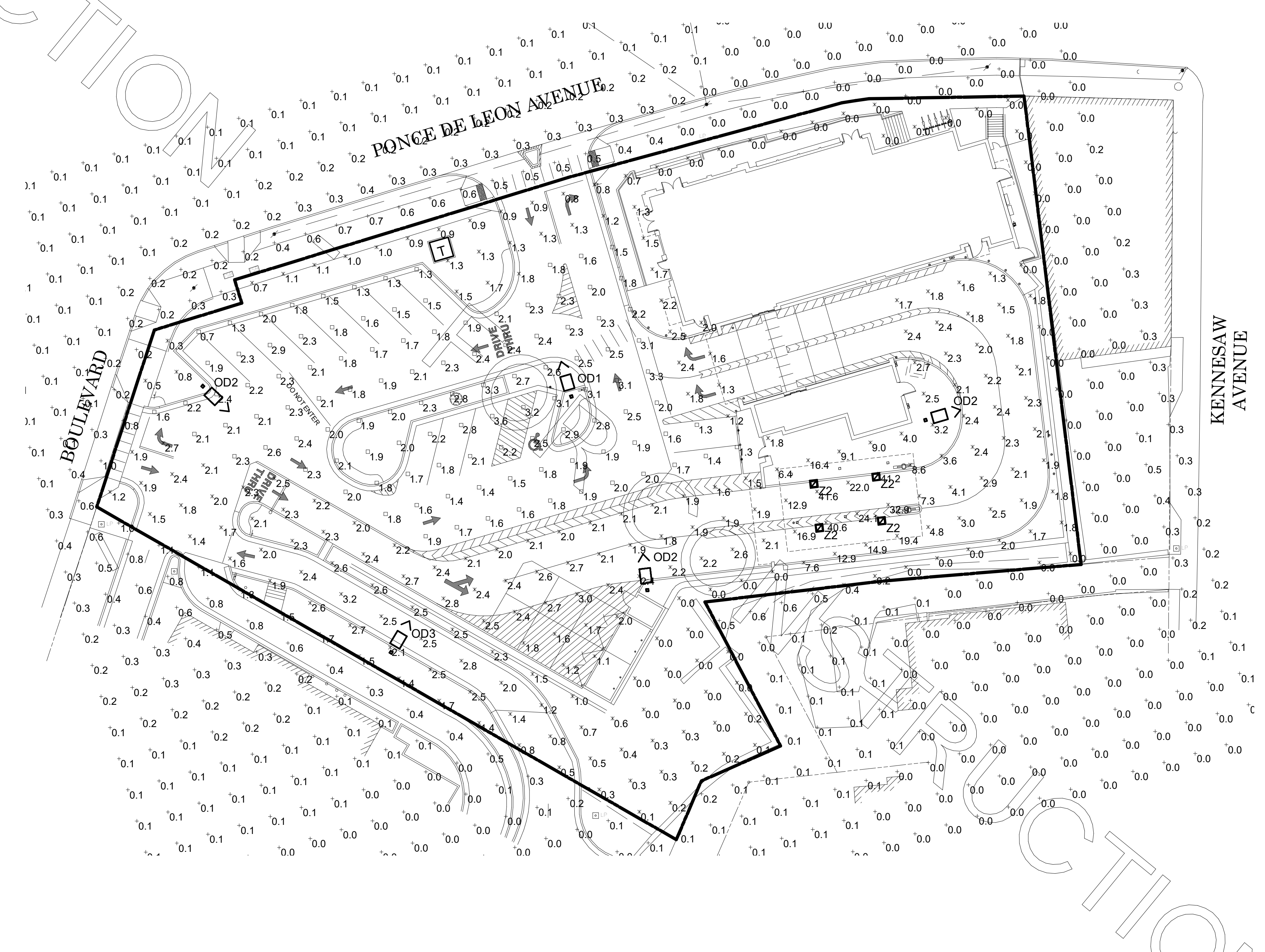
RELEASED FOR CONSTRUCTION

FOR CONSTRUCTION

Symbol	Label	Quantity	Manufacturer	Catalog Number	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
⊠	OD1	1	EATON - LUMARK (FORMER COOPER LIGHTING)	PRV-C60-D-UNV-T4-BZ	2	9993	0.9	153
⊠	OD2	3	EATON - LUMARK (FORMER COOPER LIGHTING)	PRV-C40-D-UNV-T4-BZ-HSS (W/ HOUSE SIDE SHIELD)	2	7759	0.9	131
⊠	OD3	1	EATON - LUMARK (FORMER COOPER LIGHTING)	PRV-C40-D-UNV-T3-BZ-HSS (W/ HOUSE SIDE SHIELD)	2	7789	0.9	131
⊠	Z2	4	LSI INDUSTRIES, INC	CRUS-SC-LED-LW-30	1	9966	0.95	73.5

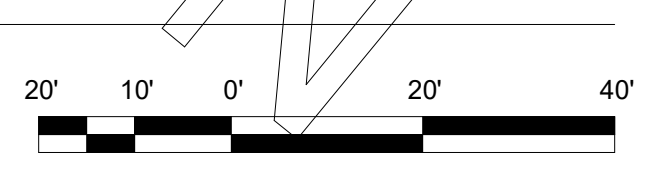
KW INDUSTRIES: SSP25-4.0-7-BRZ-DM10-BC (Single Luminaire Pole)

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone	+	1.1 fc	41.6 fc	0.0 fc	N/A	N/A
CFA Lot Summary	x	2.6 fc	41.6 fc	0.0 fc	N/A	N/A
Parking Lot Summary	□	2.1 fc	3.6 fc	0.7 fc	5.1:1	3.0:1

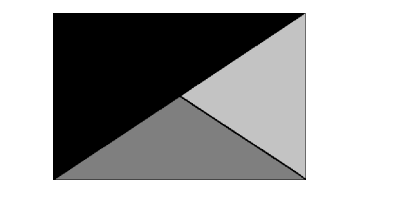


**A3** SITE LIGHTING POLE DETAIL  
N.T.S.

**A1** PHOTOMETRIC PLAN  
1" = 20'-0"



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



**Kurzynske & Associates**  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



03/30/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**  
BUILDING TYPE / SIZE: P13 LSR  
RELEASE:

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASE FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY ES

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
SHEET PHOTOMETRIC PLAN  
SHEET NUMBER

RELEASED FOR CONSTRUCTION



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

**Kurzynske & Associates**  
 2900 Lebanon Pike, Ste 201  
 Nashville, Tennessee 37214  
 Telephone: (615) 255-5203  
 Fax: (615) 255-5207  
 Email: mail@kurzynske.com



04/08/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
 689 Blvd NE  
 Atlanta, GA 30308

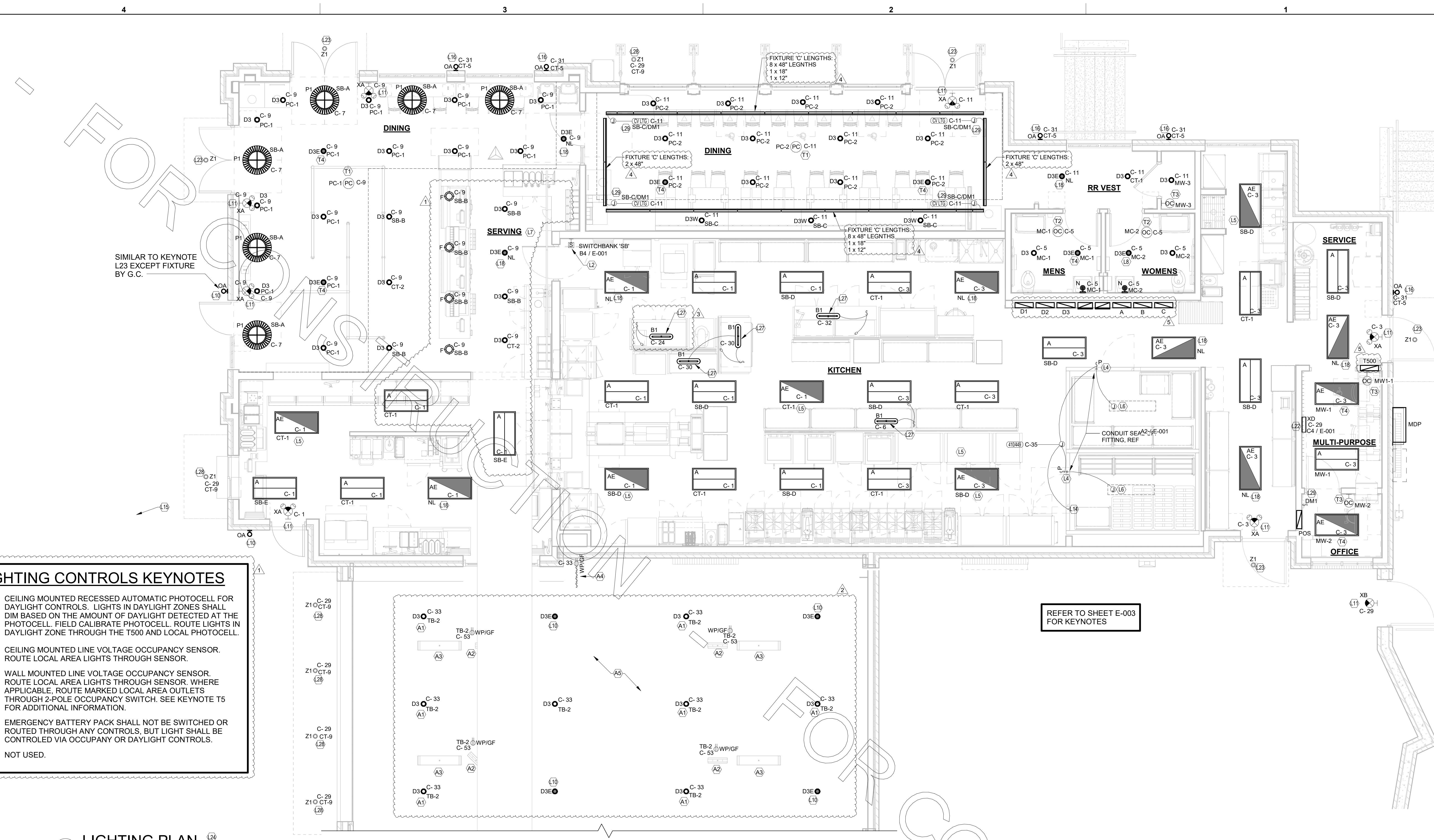
**FSR#04553**  
 BUILDING TYPE / SIZE: P13 CUSTOM  
 RELEASE: v2\_2008

**RELEASED FOR CONSTRUCTION**

NO.	DATE	DESCRIPTION
1	08/25/21	BID SET
2	09/13/21	BID ADDENDUM
3	01/03/22	PERMIT SET
4	03/15/22	CONSTRUCTION SET
5	04/08/22	IFC 2

CONSULTANT PROJECT # 20127.CC.S  
 PRINTED FOR RELEASED FOR CONSTRUCTION  
 DATE 11/10/2020  
 DRAWN BY BTS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
 SHEET LIGHTING PLAN  
 SHEET NUMBER



- LIGHTING CONTROLS KEYNOTES**
- (T1) CEILING MOUNTED RECESSED AUTOMATIC PHOTOCELL FOR DAYLIGHT CONTROLS. LIGHTS IN DAYLIGHT ZONES SHALL DIM BASED ON THE AMOUNT OF DAYLIGHT DETECTED AT THE PHOTOCELL. FIELD CALIBRATE PHOTOCELL. ROUTE LIGHTS IN DAYLIGHT ZONE THROUGH THE T500 AND LOCAL PHOTOCELL.
  - (T2) CEILING MOUNTED LINE VOLTAGE OCCUPANCY SENSOR. ROUTE LOCAL AREA LIGHTS THROUGH SENSOR.
  - (T3) WALL MOUNTED LINE VOLTAGE OCCUPANCY SENSOR. ROUTE LOCAL AREA LIGHTS THROUGH SENSOR. WHERE APPLICABLE, ROUTE MARKED LOCAL AREA OUTLETS THROUGH 2-POLE OCCUPANCY SWITCH. SEE KEYNOTE T5 FOR ADDITIONAL INFORMATION.
  - (T4) EMERGENCY BATTERY PACK SHALL NOT BE SWITCHED OR ROUTED THROUGH ANY CONTROLS. BUT LIGHT SHALL BE CONTROLLED VIA OCCUPANCY OR DAYLIGHT CONTROLS.
  - (T5) NOT USED.

**C1 LIGHTING PLAN**  
 1/4" = 1'-0"

REFER TO SHEET E-003 FOR KEYNOTES

**LIGHTING FIXTURE (LUMINAIRE) SCHEDULE - CHICK-FIL-A P13 EDITION**

NOTE: NOT ALL FIXTURE TYPES ARE USED IN ALL OF THE P13 BUILDINGS. CONFIRM WITH THE LIGHTING VENDOR FOR ANY UPDATES TO THE CURRENT LIGHTING MANUFACTURER AND CATALOG NUMBER.

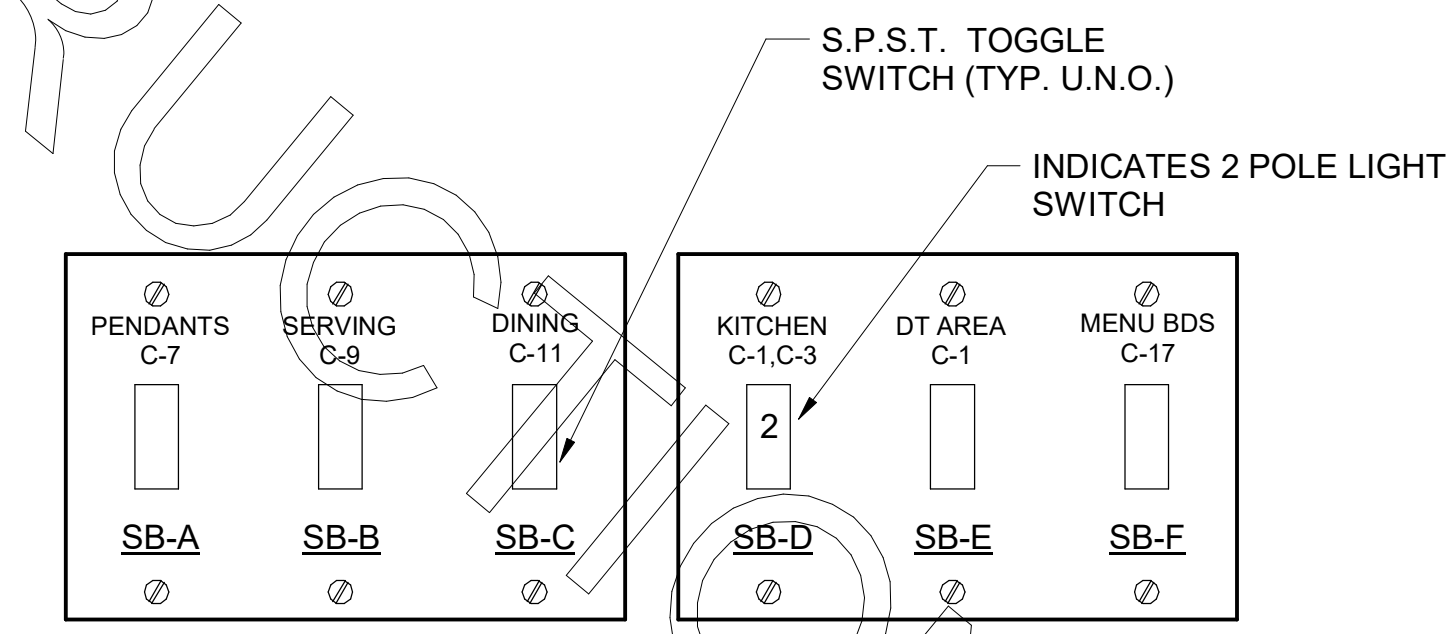
MARK	MANUFACTURER	CATALOG NUMBER	NO. LAMPS/TYPE	WATTS	VOLTS	MOUNTING	REMARKS
A	COOPERMETALUX	24FP6440C	INTEGRAL WITH FIXTURE	59 VA	120 V	RECESSED	2'X4' STATIC LED TROFFER RATED 7200 LUMENS, 4000K TEMP
AE	COOPERMETALUX	24FP640C-EL14W	INTEGRAL WITH FIXTURE	59 VA	120 V	RECESSED	SAME AS 'A' WITH EMERGENCY BATTERY PACK. SEE PLAN NOTE ABOUT SWITCHING
B1	COOPERMETALUX	2V73L-DS4-G-120V/L840-CD1-SSL-U	INTEGRAL WITH FIXTURE	32 VA	120 V	SURFACE	MOUNT LIGHT TO BTM OF OVERHEAD WIRE SHELVING WITH CORB & PLUG
C	2BYSYSTEMS	CP-12W-3K-S-WF-RT-X7	INTEGRAL WITH FIXTURE	12 VA	120 V	CEILING	LINEAR LED COVE LIGHTING. SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION
D3	COOPERHALO	HC820D010-HM612830-61NDC	INTEGRAL WITH FIXTURE	21 VA	120 V	RECESSED	LED DOWNLIGHT WITH CLEAR REFLECTOR & TRIM RATED 2000 LUMENS, 3000K COLOR TEMP
D3E	COOPERHALO	HC820D010EM14-HM612830-61NDCIEM	INTEGRAL WITH FIXTURE	21 VA	120 V	RECESSED	SAME AS 'D3' EXCEPT WITH EMERGENCY BATTERY PACK/INTEGRAL TEST SWITCH
D3W	COOPERHALO	HC820D010-HM612830-61RWWC	INTEGRAL WITH FIXTURE	21 VA	120 V	RECESSED	SAME AS 'D3' EXCEPT WITH ROTATABLE WALL WASH DISTRIBUTION, FIELD AIM
F	MEYFA	308948 (144638)	INTEGRAL WITH FIXTURE	12 VA	120 V	CEILING	EGG LIGHT FURNISHED WITH A 12 WATT A19-G24 LED LAMP
G1	COOPERMETALUX	4SL5TP4040DD-UNV	INTEGRAL WITH FIXTURE	44 VA	120 V	WALL	4760 LUMEN 4 FOOT LENSED LED STRIPLIGHT, MTD ABOVE DOOR FRAME
N	MINKA	4531-2678	1-LED11A19/827/D	11 VA	120 V	WALL	LAVATORY WALL SCONCE-SHADE POINTED DOWN W/ LED LAMP & CL ON LAVATORY
OA	PROGRESS LIGHTING	P5675-31 WITH P8799 TOP COVER LENS	2-(GE)LED12P30RW830255/ECO	24 VA	120 V	WALL	5" DIAMETER, 14" HEIGHT, WET LOCATION, UP/DOWN CYLINDER W/ 12 WATT PAR30 3K NFL LED LAMPS
OC	HUBBELL	FL-42L-95-4K7-N-U-K-DB (SEE NOTE 4)	INTEGRAL WITH FIXTURE	97 VA	120 V	PIPE	FLOODLIGHT MTD ON ROOF ON 2" PIPE SUPPORT (BY OTHERS) AND AIMED AT FLAG AFTER DARK
OC1	COOPERLUMARK	LUMINAIRE PRV-C60D-UNV-1-SA-BZ	INTEGRAL WITH FIXTURE	153 VA	208 V	WALL	SEE SHEET E-102 FOR SITE LIGHTING SPECIFICATIONS
OK	HUBBELL	LNC-SLU-3K-3-1	INTEGRAL WITH FIXTURE	13 VA	120 V	WALL	LED WALLPACK W/ CENTERLINE OF FIXTURE AT 80° ABV 00° (FINISH FLOOR LINE)
P1	MEYDA	142776	2-LED11A19/827/D	22 VA	120 V	PENDANT	31" DIA PEACH BASKET PENDANT WITH BTM AT 6'-3" AFF ABV TABLE, 8'-0" OTHERWISE
XA	COOPERSURE-LITES	APCH7R	INTEGRAL WITH FIXTURE	4 VA	120 V	WALL	EXIT SIGN WITH BATTERY PACK AND TWO INTEGRAL ADJUSTABLE LAMPHEADS
XB	COOPERSURE-LITES	LPK7171R8KSD	INTEGRAL WITH FIXTURE	4 VA	120 V	WALL	EXIT SIGN WITH BATTERY PACK
XD	MILLE LIGHTING	SFS-220250-120277	NONE	250 VA	120 V	WALL	INVERTER UNIT FOR EXTERIOR EGRESS LITG. ON AT DUSK, OFF AT DAWN, ON DURING PWR OUTAGE
Z1	COOPERHALO	H457C/AT1E-EL406930-TL410SC	INTEGRAL WITH FIXTURE	13 VA	120 V	SURFACE	LED DOWNLIGHT PROVIDED BY CANOPY SUPPLIER INSTALLED BY CANOPY SUPPLIER, CONNECTION BY ELECTRICAL CONTRACTOR
Z2	LSI	CRUS-SC-LED-LW30-UE-WHT	INTEGRAL WITH FIXTURE	74 VA	120 V	RECESSED	CANOPY LIGHT PROVIDED BY CANOPY SUPPLIER AND INSTALLED BY ELECTRICAL CONTRACTOR

*DM1	LUTRON	DVA	5 VA	120V	WALL	0-10V DIMMING SWITCH. FIELD LOCATE EXACT MOUNTING LOCATION.
*MC	SENSOR SWITCH	CMR-PDT-P	-	120V	CEILING	CEILING MOUNTED OCCUPANCY SENSOR WITH MICROPHONICS LOCATED IN RESTROOM.
*MW	SENSOR SWITCH	WSX-PDT-WH	-	120V	WALL	SINGLE-RELAY WALL SWITCH OCCUPANCY SENSOR.
*PC	SENSOR SWITCH	RMR-PC-ADC	-	120V	WALL	RECESSED AUTOMATIC CONTROL PHOTOCELL FOR DAYLIGHT CTRLS. FIELD COORDINATE MTD LOCATION.

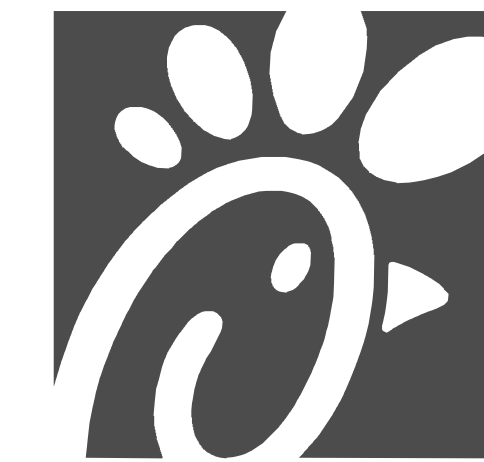
NOTES:  
 1. LUMINAIRES UTILIZING DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS THAT CAN BE SERVICED IN PLACE SHALL HAVE A DISCONNECTING MEANS EITHER INTERNAL OR EXTERNAL TO EACH LUMINAIRE PER NEC 410.130(G).  
 2. THE LIGHTING FIXTURE PACKAGE IS AVAILABLE THROUGH A NATIONAL ACCOUNT PROGRAM. REFER TO THE ELECTRICAL SPECIFICATIONS SHEET, SECTION C16500 FOR VENDOR INFORMATION.  
 3. THE ASTERISK (\*) BESIDE THE FIXTURE MARK IN THE ABOVE SCHEDULE INDICATES THE FIXTURE IS A NON-PROTOTYPICAL LIGHT FIXTURE PER THE CFA NATIONAL P12 PROTOTYPE.  
 4. IF TYPE OC IS GROUND MOUNTED IN LIEU OF ROOF MOUNTED, PROVIDE EITHER THE FLL-VISOR-DB (VISOR) OR THE FLL-LOUVER-BL (LOUVER) FOR GLARE CONTROL.

**A1 SWITCH BANK "SB" DETAIL**  
 NO SCALE



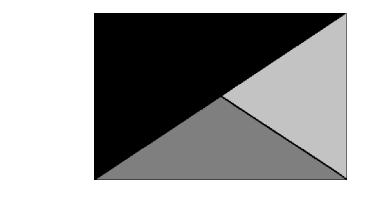
NOTE: LOCATE JUNCTION BOXES IN CEILING SPACE ABOVE THE LOCATION OF THE SWITCHBANK FOR SPLICING OF LINE, LOAD, AND SWITCHED CONDUCTORS. PROVIDE GANGED BACKBOX FOR SWITCHES AS REQUIRED AND LABEL ALL CONDUCTORS SO AS TO INDICATE THEIR USE (LINE, LOAD, SWITCH), THE LOAD SERVED, AND THE CIRCUIT NUMBER.





Chick-fil-A

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



Kurzynske  
& Associates  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



04/08/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**  
BUILDING TYPE / SIZE: P13 CUSTOM  
RELEASE: v2\_20-08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	08/25/21	BID SET
4	03/15/22	CONSTRUCTION SET
5	04/08/22	IFC 2

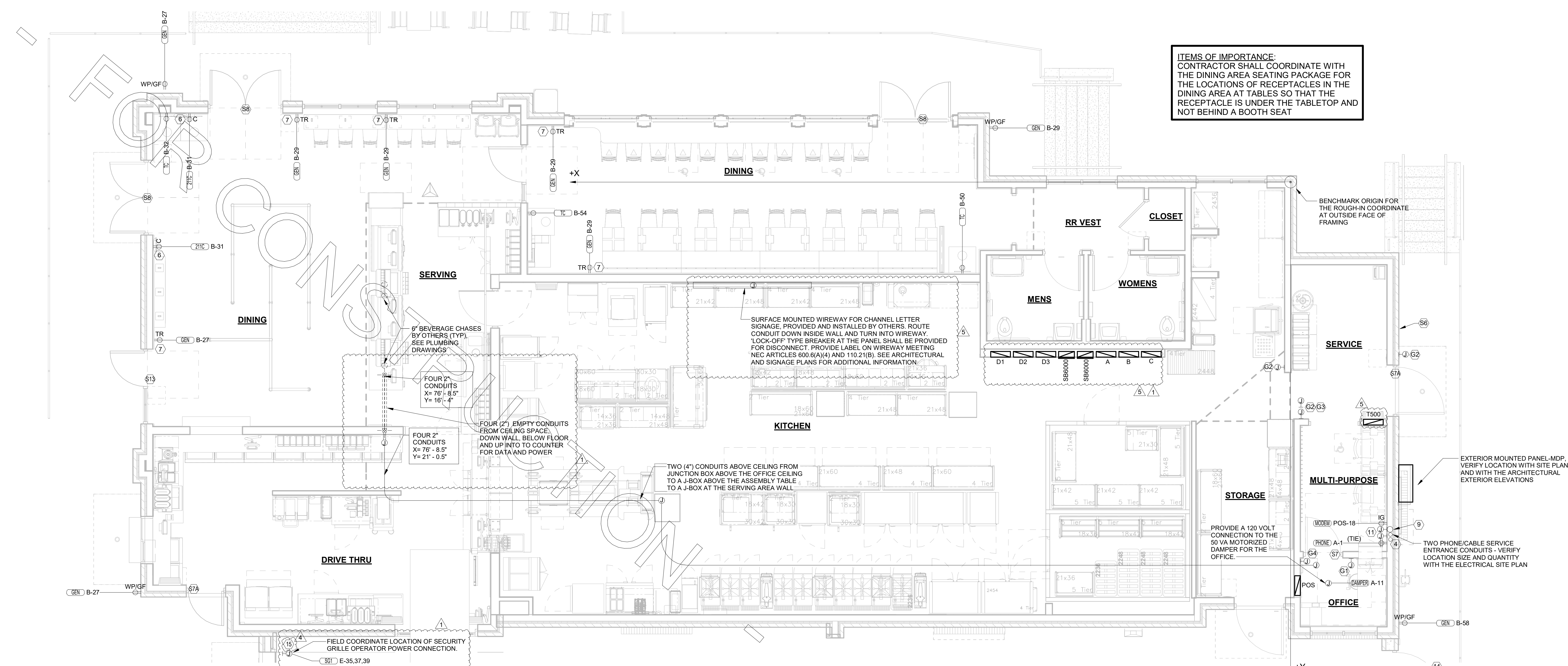
CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASED FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY BTS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET POWER AND SYSTEMS PLAN

SHEET NUMBER **E-221**

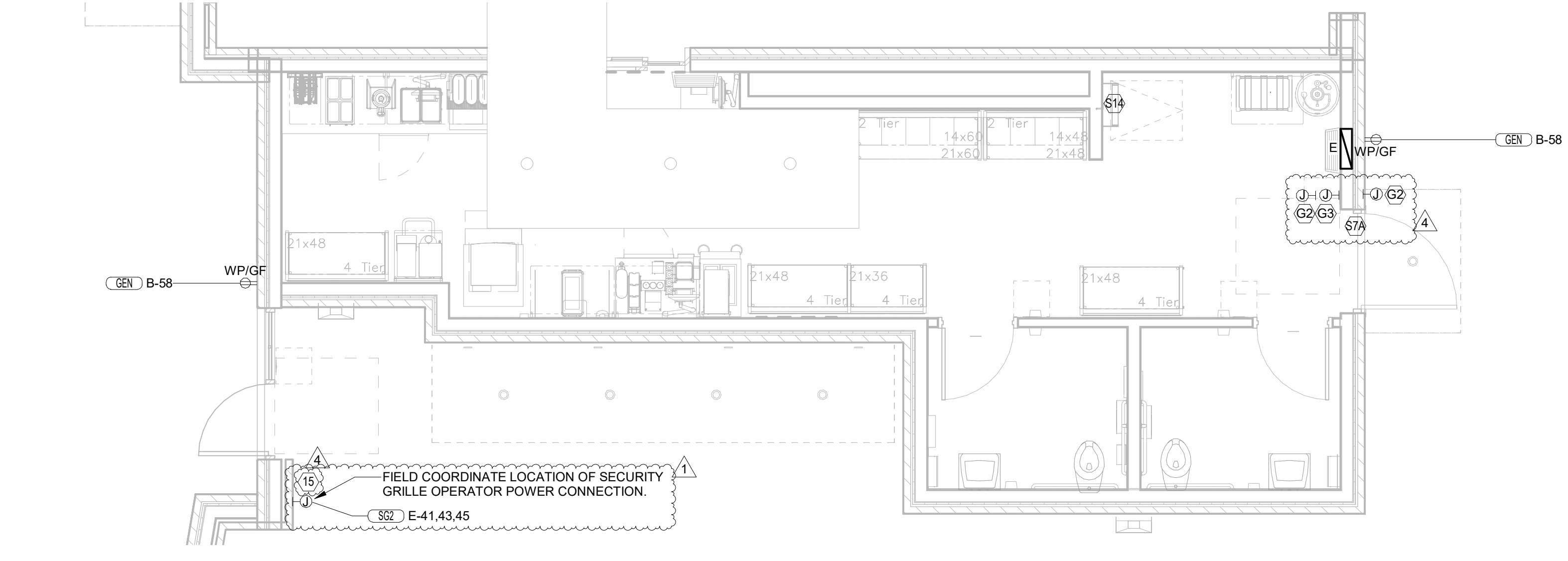
**ITEMS OF IMPORTANCE:**  
CONTRACTOR SHALL COORDINATE WITH THE DINING AREA SEATING PACKAGE FOR THE LOCATIONS OF RECEPTACLES IN THE DINING AREA AT TABLES SO THAT THE RECEPTACLE IS UNDER THE TABLETOP AND NOT BEHIND A BOOTH SEAT



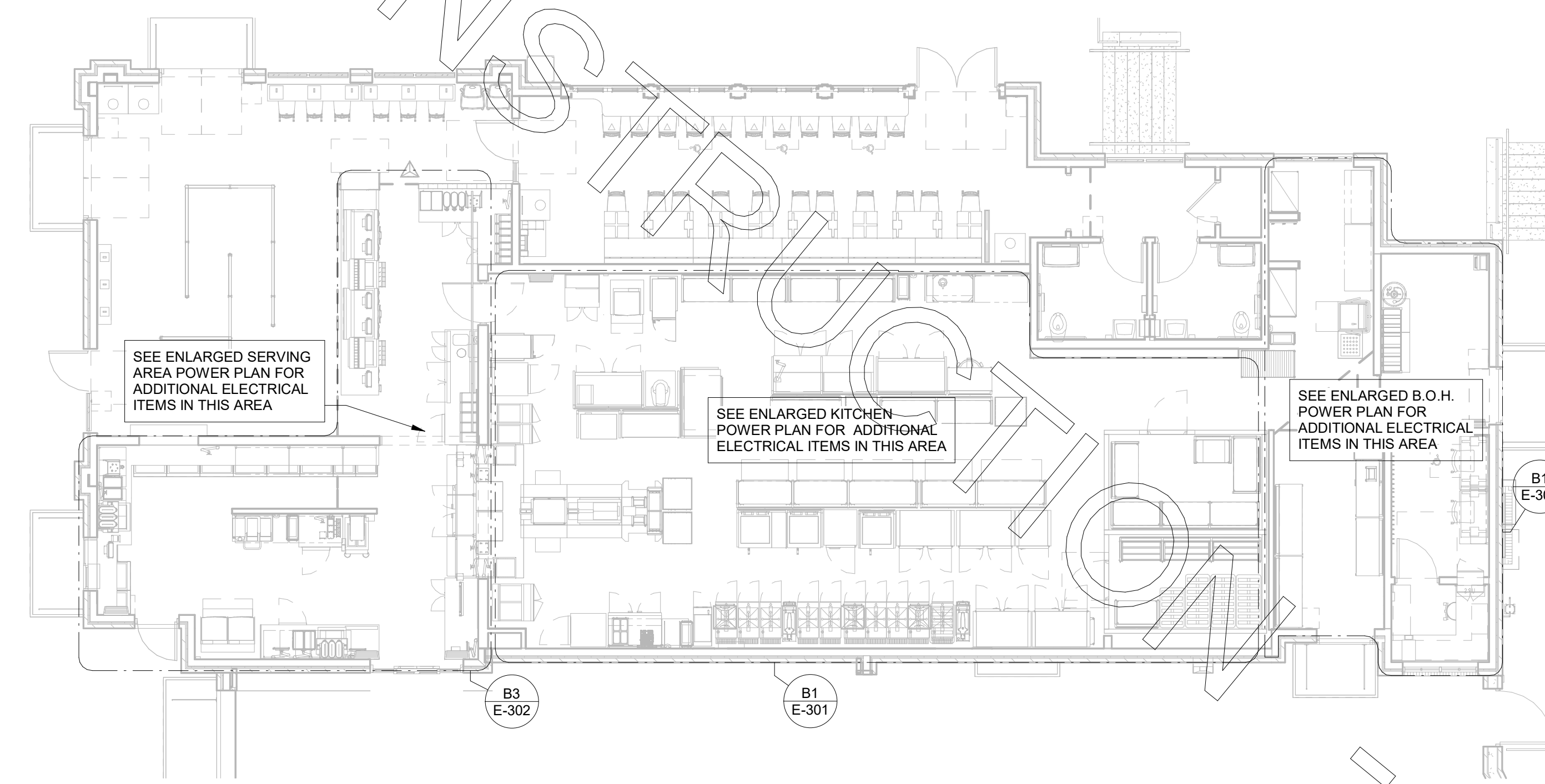
**C1 POWER AND SYSTEMS PLAN - LRG**  
1/4" = 1'-0"

REFER TO SHEET E-003 FOR KEYNOTES

REFER TO THE ELECTRICAL SITE PLAN FOR ADDITIONAL REQUIREMENTS FOR THE DRIVE-THRU CASH STATION ("D" KEYNOTES)



**A3 KIOSK POWER AND SYSTEMS PLAN**  
1/4" = 1'-0"

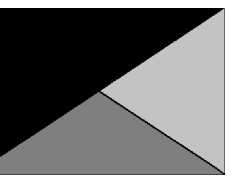


**A1 ELECTRICAL KEY PLAN - LRG**  
1/8" = 1'-0"

RELEASED FOR CONSTRUCTION



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



**Kurzynske & Associates**  
 2900 Lebanon Pike, Ste 201  
 Nashville, Tennessee 37214  
 Telephone: (615) 255-5203  
 Fax: (615) 255-5207  
 Email: mail@kurzynske.com



03/30/22

**CHICK-FIL-A**  
**PONCE & BLVD**

689 Blvd NE  
 Atlanta, GA 30308

**FSR#04553**

BUILDING TYPE / SIZE: P13 CUSTOM  
 RELEASE: v2\_20\_08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
4	03/15/22	CONSTRUCTION SET

CONSULTANT PROJECT # 20127.CC.S

PRINTED FOR RELEASED FOR CONSTRUCTION

DATE 11/10/2020

DRAWN BY BTS

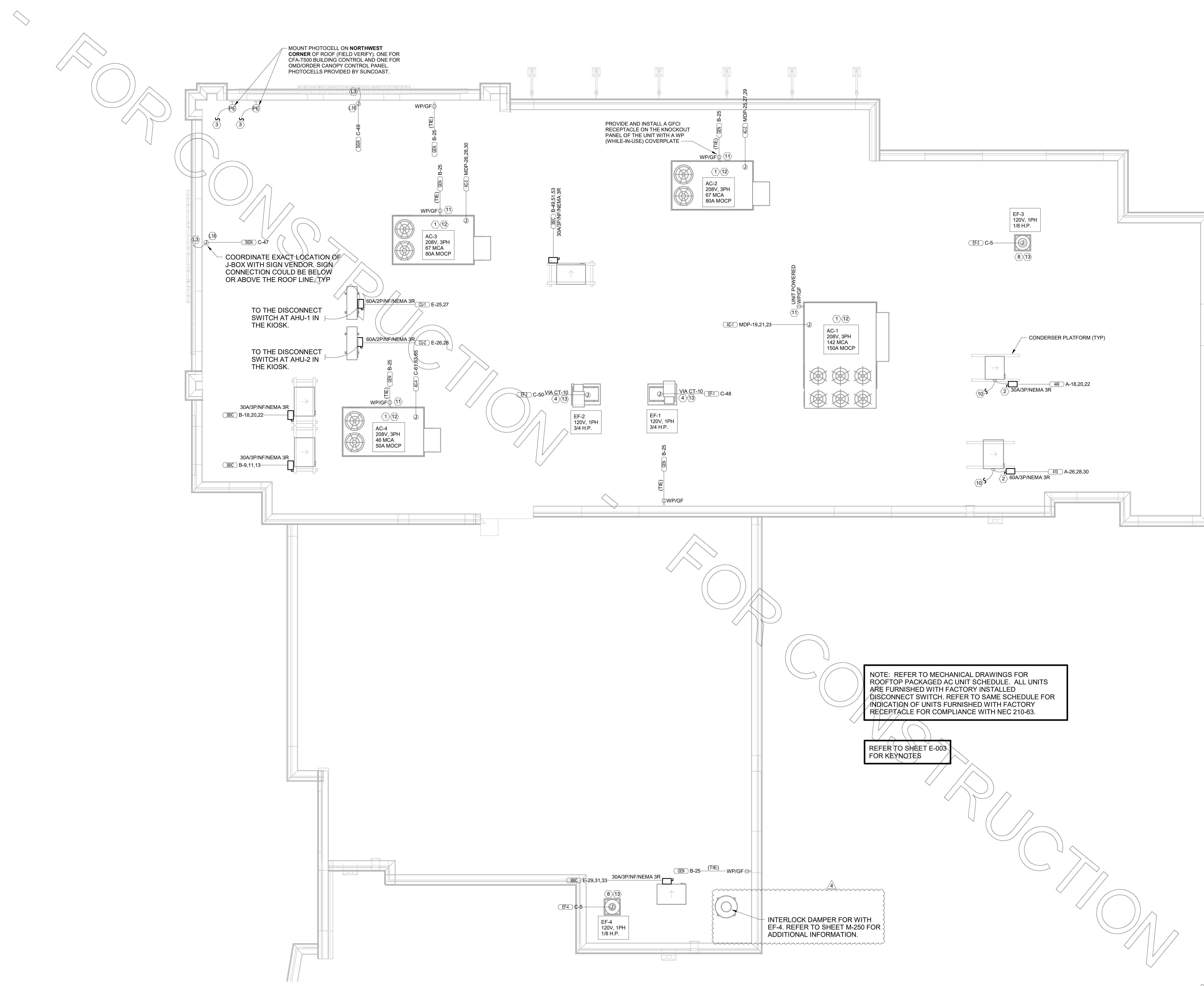
Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET ROOF POWER PLAN

SHEET NUMBER

**E-250L**

**A1** ROOF POWER PLAN LRG  
 1/4" = 1'-0"



E  
D  
C  
B  
A

E  
D  
C  
B  
A

4 3 2 1

4 3 2 1

SECTION C16124  
SUPPORTING DEVICES AND HANGERS

PART 1 - PRODUCTS

- 1.01 ACCEPTABLE MANUFACTURERS  
A. Supporting devices and hangers shall be manufactured by RACO Fasteners, or approved equivalent.

PART 2 - EXECUTION

- 2.01 INSTALLATION  
A. Secure conduits to within 3' of each outlet box, junction box, cabinet, fitting, etc. and at intervals not to exceed ten feet (10') and in accordance with the National Electric Code. In seismic zones, support conduits 1' and under at 6' intervals.  
B. Install clamps secured to structure for feeder and other conduits routed against the structure. Use drop rods and hangers or racks to support conduits run apart from the structure.  
C. Provide and install suitable angle iron, channel iron or steel metal framing with accessories to support or brace electrical equipment including safety switches, fixtures, panelboards, etc.  
D. Use of chains, perforated iron, baling wire, or tie wire for supporting conduit runs is not permitted.  
E. For support of low voltage wiring not required to be in conduit, bundle cables together in a neat manner using approved nylon tie wraps. Bundled cables shall be supported with "J" hooks on telephone type bridle rings, a minimum of 6 feet on centers. Clearly identify all differing types of cables being run and tag with tape tags regarding telephone, POS System, music / communication, security, etc. for various systems utilizing said cable. Identification tape shall be provided at minimum intervals of 25 feet on center and within each building space.  
F. Provide a system of supporting devices and hangers to insure secure support or bracing for conduit, electrical equipment, including safety switches, fixtures, panelboards, outlet boxes, junction boxes, cabinets, etc.

SECTION C16140  
WIRING DEVICES AND PLATES

PART 1 - PRODUCTS

- 1.01 WALL SWITCHES  
A. Ratings: 20 amps, 120/277 volts a.c. or as identified on drawings.  
B. Devices: (Cooper/Arrow Hart catalog numbers are listed unless noted otherwise):  
1. Single pole toggle switches: 20 AMP device - #AH1221-GY (Kitchen) or #AH1221-B (Dining) 20 AMP Pilot lights illuminated with load on - #AH1221-PL  
2. Double pole toggle switches: 20 AMP device - #AH1222-GY (Kitchen) or #AH1222-B (Dining)  
3. Three-way toggle switches: 20 AMP device - #AH1223-GY (Kitchen) or #AH1223-B (Dining)  
C. Specification grade devices to be 20 amp, 125 volts, a.c. receptacles:  
a. Single (simplex) device: #1877-GY (Kit) or #1877-B (Dining)  
b. Duplex device: #CR20-GY (Kitchen) or #CR20-B (Dining)  
c. Tamper resistant duplex device: #TRCR20-B or #TR7756-B (with USB charging)  
d. GF (ground-fault circuit interrupter) duplex device: #WGF20-GY (Kitchen) or #WGF20-B (Dining)  
e. IG (isolated ground) duplex device: #IG5362-RN (orange face)  
B. Color:  
1. Devices mounted in the FRP or tile shall be gray.  
2. Devices mounted in wood finish shall be brown.  
3. Isolated ground receptacles shall be orange.

1.03 SPECIAL DEVICES

- A. Manual motor starter switch: SQ, D Class 2510, Type F, for use on motors up to 3/4 horsepower. Provide NEMA 1 enclosure in dry locations; provide NEMA 3R enclosure in wet or exterior locations.

1.04 WALL PLATES

- A. Provide blank plates on all outlet boxes for future outlets, or outlets without devices. Plate style shall match device plates.  
B. Provide non-metallic weatherproof covers for duplex GF receptacles located outside or in wet locations that feature "while-in-use" cover equivalent to Arrow Hart #WU-1.  
C. Where devices installed in exposed boxes or conduit fittings; provide properly designed plates and covers equal to Arrow Hart RS-Series exposed work covers.  
D. Install galvanized steel plates on outlet boxes and junction boxes in unfinished areas, above accessible ceilings, and on surface mounted boxes.  
E. Color:  
1. Wall plates mounted in FRP or tile shall be smooth satin stainless steel 302-ss series.  
2. Wall plates mounted in wood finish shall be brown nylon plastic.  
3. Isolated ground wall plates shall be orange nylon plastic with a circuit number printed in 3/16 inch black lettering on clear adhesive label adhered to plate.

PART 2 - EXECUTION

2.01 INSTALLATION

- A. Mounting  
1. Mount switches and receptacles at height above finished floor as indicated on plans, and legend.  
2. Mount switches on strike side of door maximum 8" from door frame. Outlet box for switch shall be located clear of door frame. Coordinate with architectural plans prior to rough-in.  
3. Install switches with off position down.  
4. Do not use the feed thru feature for the GF Type receptacle, unless required by the plans.  
5. Use jumbo sized plates for outlets installed in masonry walls.  
6. Each receptacle shall be provided with a #12 green grounding jumper between the ground terminal of the receptacle and the outlet box.  
7. The grounding conductor to each receptacle shall be installed such that the removal of the device will not interfere with the continuity of the ground.  
B. Testing  
1. Test each switch and verify proper operation with energized circuit.  
2. Test each receptacle for proper polarity on energized circuit.  
3. Test each GF receptacle with a GF receptacle tester and verify circuit is opened by GF device at milli-ampere ranges established by the manufacturer.

SECTION C16440  
PANELBOARDS

PART 1 - PRODUCTS

- 1.01 MANUFACTURER (via Chick-fil-A National Accounts Program)  
A. Square-D (West, Midwest, Northeast, and Southwest Regions); from Villa Lighting, Dave Christianell (800)325-0963  
B. Square-D (Atlantic and Southeast Regions); from Accu-Serv, Bob Harpring (502)961-0096  
1.02 PANELBOARD FEATURES  
A. Panelboards shall have a minimum symmetrical interrupting rating to meet or exceed the available symmetrical interrupting current at the device intended to interrupt current.  
B. Bus bars shall be copper.  
C. Provide factory-installed copper ground bus in each panelboard with lugs or connectors on bar.  
D. Provide electrically isolated, factory installed, neutral bus in each 3 phase, 4 wire or 1 phase 3 wire panelboard.  
E. In addition to the ground bus required by paragraph 1.02D (above), provide factory installed, electrically isolated, copper ground bus in each panelboard serving isolated ground receptacles.  
F. Main lugs and main circuit breaker lugs shall be UL Listed for use with both aluminum and copper conductors.  
G. Provide panelboard doors with chrome-plated locks and catches. All locks shall be keyed alike. Provide two keys for each lock.  
H. Provide thermal-magnetic circuit breakers which are rated for 40 degrees C ambient temperature. Breakers shall be quick-make, quick-break type trip with trip indication shown by handle position other than on or off. Multi-pole breakers shall have a common trip handle. Tandem type circuit breakers shall not be permitted.  
I. Provide typed directory card with clear holder for each panelboard.

PART 2 - EXECUTION

- 2.01 INSTALLATION  
A. Panelboards shall be mounted at height above finished floor such that the height of the top-most breaker in the panel is not more than 6-1/2 feet above finished floor in its highest position per the NEC.  
B. Where multiple panelboards are installed on walls in common areas of buildings, the panelboards shall be installed with the top of all panelboards at the same height.  
C. Provide blank filler plates over all unused spaces in panelboards.  
D. A typed directory card shall indicate devices being served and the space name where the device is located.  
E. Provide minimum of one (1) 3/4" empty spare conduit for every 3 poles of spare breaker or space in the panelboard. Stub conduit to nearest accessible ceiling space. Label conduit as spare at panelboard and termination point.  
F. Non-isolated ground bars shall be grounded to panelboard can and main service entrance ground bus with a code sized grounding conductor installed in the same conduit as the phase and neutral conductors.  
G. Circuits using a common neutral shall be installed in accordance with the National Electrical Code.  
H. Inspect each panelboard for proper installation, physical damage, lightness and installation of overcurrent devices. Verify proper color coding of conductors. Correct or repair all items found in inspection.  
I. Neutral wires, ground wires, and isolated ground wires shall be connected to the appropriate panel bus bar. Do not mix bus wire connections.

SECTION C16441  
ENCLOSED SWITCHES  
PART 1 - PRODUCTS

- 1.01 MANUFACTURERS  
A. Square D  
B. GE / ABB  
C. Siemens

- 1.02 ENCLOSED SWITCHES  
A. Nonfusible switch assemblies: NEMA KS 1, General Duty Type for 208 volt load interrupter enclosed knife switch with externally operable handle interlocked to prevent opening front cover with switch in on position. Handle lockable in off position. Provide equipment ground lug in each switch.  
B. Enclosures: NEMA KS 1.  
1. Interior dry locations: Type 1.  
2. Exterior locations: Type 3R.

SECTION C16442  
UTILITY SERVICE ENTRANCE AND DISTRIBUTION SYSTEM

PART 1 - GENERAL

- 1.01 SYSTEM DESCRIPTION  
A. The underground electrical system service characteristics shall be 208Y/120 volts, Three Phase, Four Wire service and shall extend from utility company transformer secondary.  
B. Metering of electrical usage shall be located as required by local electrical utility company. Coordinate requirements with local utility company.  
C. Distribution system originates at secondary of utility transformer and includes service entrance conduit and conductors, distribution equipment, lighting panelboards, utilization equipment, overcurrent devices, disconnecting means, controls, branch and feeder circuits, etc.

PART 2 - PRODUCTS

- 2.01 MATERIALS  
A. Furnish service entrance conduit, cable, and miscellaneous hardware as required by plans and specifications for electrical service entrance and system grounding at main electrical service.

PART 3 - EXECUTION

- 3.01 EXAMINATION AND PREPARATION  
A. Coordinate exact locations of electrical service utility transformer, metering equipment, service lateral, etc. prior to commencement of installation. Contact engineer with conflicts prior to bid.  
B. Ensure pad mounted transformer is not located within roadway or sidewalk.  
C. Coordinate with local electrical utility for all utility company requirements and provide for the following items and any others required by the utility:  
1. Concrete pad for utility transformer with required dimensions and details.  
2. Primary underground conduit, excavation, and backfill requirements.  
3. Pay for all fees associated with establishment of electrical service.  
4. Furnish list of loads to the electrical utility company serving the facility.  
5. Verify that utility company clearances are provided on all sides of utility equipment.  
D. Ensure proper access to utility equipment is maintained.  
E. Provide pull rope, excavation in accordance with electrical utility company requirements, backfill and concrete envelope for primary in accordance with electrical utility company requirements. Turn conduits up riser pole as required. Cap spare conduits 12 inches above grade with plumbers pipe cap.  
F. Provide secondary lugs on utility transformer and perform drilling and installation of lugs in accordance with electrical utility company requirements. Connect service conductor to transformer secondary lugs as directed by electrical utility.

SECTION C16500  
LIGHTING FIXTURES (LUMINAIRES)

PART 1 - GENERAL

- 1.01 ACCEPTABLE MANUFACTURERS AND VENDORS  
A. Lighting fixtures indicated on lighting fixture schedule are to be purchased from the National Account Vendor for the region of the project (verify region designation with Owner's Representative):  
1. Accu-Serv Lighting - Atlantic region and Southeast region. Contact at Accu-Serv: Bob Harpring at 877-707-7378, fax - 502-961-0357, email - bharpring@accu-serv.com  
2. Villa Lighting - Northeast region, Midwest region, Southwest region, and West region. Contact at Villa Lighting: Dave Christianell at 800-325-0963, fax- 314-531-8720, email - davec@villalighting.com  
B. Ballasts to be electronic ballast provided with lighting fixture by the manufacturer.  
C. Lamps to be Osram-Sylvania and will typically be provided with the luminaire by the lighting manufacturer.  
1.02 FIXTURE REQUIREMENTS  
A. Provide regulating, HPF ballasts in all HID lighting fixtures. HID lamp types shall be as indicated on the drawings.  
B. Recessed fluorescent lighting fixture ballasts shall be provided with integral thermal protection.  
C. Provide energy-saving Instant or Rapid Start lamps for all fluorescent fixtures.

SECTION C16596  
SPECIAL SYSTEMS

PART 1 - GENERAL

- 1.01 WORK INCLUDED  
A. Furnish and install raceway system for music / communications security, CCTV, POS, and other owner-furnished systems, consisting of empty conduits, junction boxes, outlet boxes, and device plates, etc., as specified and shown on owner selected vendor wiring schematics. Cable, equipment, and installation of the interior system will be provided by the owner's system vendor.  
B. Interior system equipment will be furnished by Owner's Vendor.  
C. Install special backboxes furnished by Owner's Vendor. Coordinate with the Vendor for the installation. Coordinate with the Vendor if backboxes are to be contractor provided in order to provide and install the appropriate item for the Vendor.

PART 2 - PRODUCTS

- 2.01 MATERIALS  
A. Provide 4-11/16" square boxes, with plaster rings. Provide device plates for system outlets as specified in Section 16141. Provide separate conduit to nearest accessible ceiling space from each outlet.  
B. Cable shall be in conduit where installed in walls or inaccessible ceilings.  
C. Minimum conduit size shall be 3/4" .

PART 3 - EXECUTION

- D. All lamps and ballasts shall meet or exceed the requirements of the National Energy Policy Act of 1992 and any other applicable Codes or Criteria.  
E. All components of recessed fixtures shall be accessible without disturbing fixture in or on ceiling.  
F. Energy saving ballasts and energy saving lamps provided shall be compatible for operation together.  
G. Exterior fixtures and poles shall be suitable for exterior use, shall be UL Listed, and shall be a standard design for exterior application.  
H. Exterior poles for fixtures with luminaires installed shall be designed for maximum constant velocity wind load with luminaires installed, applicable to the geographic area.  
1.03 CONTROLS  
A. Lighting contactors shall be Square-D, GE / ABB, Cutler-Hammer or Siemens of types and quantity shown on drawings, except those furnished with the switchgear as part of the National Account Program by Suncoast Environmental Controls (SEC).  
1.04 EMERGENCY LIGHTING UNITS  
A. Batteries shall supply emergency power for lighting with minimum operating time of 1-1/2 hours.  
B. Emergency lighting shall be automatically operational upon normal utility power failure.

PART 3 - EXECUTION

- 3.01 INSTALLATION  
A. Lighting fixtures shall be structurally supported. Fluorescent fixtures mounted in suspended ceilings shall be supported by and attached to ceiling system as required by NEC Article 410. In addition, fluorescent troffers shall be supported at two opposite corners to building structure.  
B. Recessed fixtures in dropped ceiling areas shall be connected to power source using flexible conduit. Flexible conduit shall contain a separate insulated green No. 12 copper ground wire. Flexible conduit shall be connected to junction box and fixture. Green ground wire shall provide ground continuity between conduit system and fixture. Grounding conductors shall be permanently and mechanically connected between fixture and conduit system so as to be electrically continuous.  
C. Fixtures surface mounted on exposed tee bar ceilings shall use grip clamps on tee bars to support fixtures.  
D. Wire shall be continuous from splice in outlet box of building wiring system to lamp socket or ballast terminals.  
E. Maintain the integrity of enclosures on enclosed and gasketed fixtures. Minimize the number of enclosure penetrations and make such penetrations water and dust tight with appropriate gaskets and fittings.  
F. Concrete bases shall be provided for all exterior ground mounted or pole mounted fixtures.  
G. Install accessories furnished with each fixture.  
H. Wiring from pole bases to pole mounted luminaire shall be No. 12 with fuse protection provided by a 30 amp, 600 volt waterproof fuseholder with Bussman "Limiron" fuse of ampere rating 3 times the load current.  
I. Surface and recessed fixtures on or in plastered or drywall ceilings shall be supported by support channels. Support channels shall span across main support channels and shall not depend upon ceilings for support.

- 3.02 FIELD QUALITY CONTROL  
A. Relamp fixtures that have failed lamps at substantial completion.

- 3.01 INSTALLATION  
A. Furnish and install conduits, junction boxes, outlet boxes, and plates.  
B. Provide one #10 equivalent nylon pull wire in each system empty conduit.  
C. Provide a complete raceway system in accordance with interior system vendor requirements. Interior system vendor shall review the drawings. Contractor shall provide for any additional or varying requirements.  
D. Final connections and testing of systems will be provided by the system vendor. Contractor shall contact the owner's vendor and schedule the work so as to complete system installation and testing prior to occupancy of the facility.  
E. Terminate each conduit stub-up or termination with nylon insulated bushing.

SECTION C16597  
TELEPHONE SERVICE

PART 1 - GENERAL

- 1.01 WORK INCLUDED  
A. Furnish and install telephone system consisting of empty conduits, junction boxes, outlet boxes, device plates, etc., as specified and shown on owner selected vendor wiring schematics. Cable, equipment, and installation of the interior system will be provided by the owner's system vendor.  
B. Provide underground PVC, Schedule 40, service conduit as required by plans.  
C. Telephone Utility Company will provide service entrance cable.  
D. Interior telephone system will be furnished by owner's vendor.  
E. Special backboxes (unless otherwise noted) and faceplates will be furnished by the owner's vendor.

PART 2 - PRODUCTS

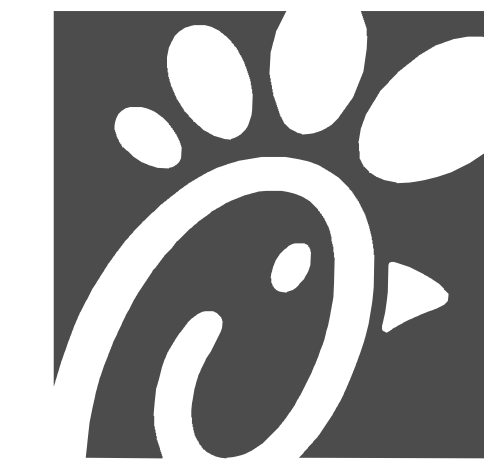
- 2.01 MATERIALS  
A. Provide 4-11/16" square boxes, with plaster rings. Provide device plates for telephone outlets to match those specified in wiring device section. Provide separate conduit to nearest accessible ceiling space from each outlet.  
B. Minimum conduit size shall be 3/4".  
C. Provide lightning arrester for telephone service entrance at main telephone backboard in accordance with UL96A paragraph 11.2 and NFPA 780.  
D. Cable shall be in conduit where installed in walls or above inaccessible ceiling spaces.

PART 3 - EXECUTION

- 3.01 INSTALLATION  
A. Provide one #10 equivalent nylon pull wire in each empty telephone conduit.  
B. Provide trenching, backfilling, etc., for installation of service entrance conduit in accordance with other divisions, plans, and telephone utility requirements. Provide pull wire in empty conduit.  
C. Coordinate with the local utility for point of service and type of service required. Pay for any utility company charges and fees for establishment of service.  
D. Provide a complete raceway system in accordance with telephone utility company and interior system vendor/utility requirements. Telephone utility company and interior system vendor shall review the drawings. Contractor shall provide for any additional or varying requirements.  
E. Terminate each conduit stub-up or termination with nylon insulated bushings.  
F. Final connections and testing of system will be provided by the system vendor. Contractor shall contact the owner and vendor and schedule the work.

CLOSE OUT DOCUMENT REQUIREMENTS

- Provide the following to the building owner upon completion of construction:  
1. Submittal data stating equipment rating and selected options for each piece of equipment requiring maintenance.  
2. Operation manuals and maintenance manuals for each piece of equipment requiring maintenance. Required routine maintenance actions shall be clearly identified.  
3. Names and addresses of at least one qualified service agency.  
4. A complete narrative of how each system is intended to operate.



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



Kurzynske  
& Associates  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



03/30/22

CHICK-FIL-A  
PONCE & BLVD  
689 Blvd NE  
Atlanta, GA 30308

FSR#04553  
BUILDING TYPE / SIZE: P13 CUSTOM  
RELEASE: v2\_20\_08

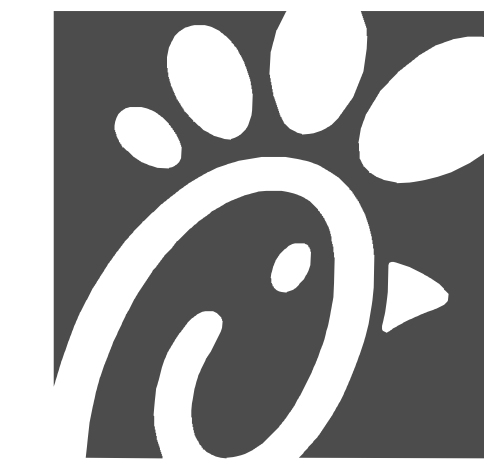
REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASED FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY BTS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
SHEET ELECTRICAL SPECIFICATIONS  
SHEET NUMBER

E-902

RELEASED FOR CONSTRUCTION



Chick-fil-A

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



Kurzynski  
& Associates  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynski.com



04/08/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

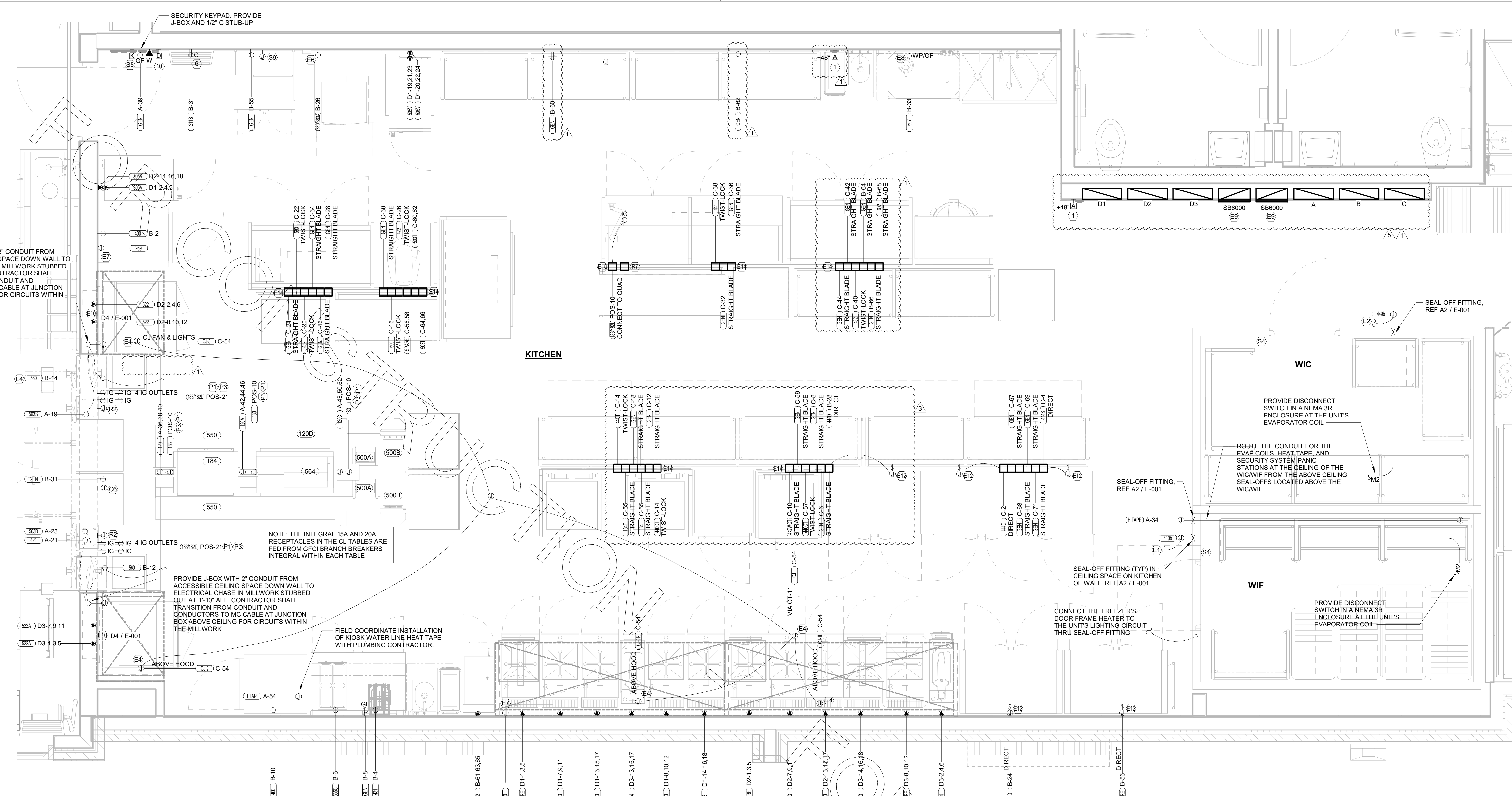
**FSR#04553**  
BUILDING TYPE / SIZE: P13 CUSTOM  
RELEASE: v2\_20\_08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	08/25/21	BID SET
2	09/13/21	BID ADDENDUM
3	01/03/22	PERMIT SET
4	03/15/22	CONSTRUCTION SET
5	04/08/22	IFC 2

CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASED FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY BTS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
SHEET ENLARGED KITCHEN POWER PLAN  
SHEET NUMBER

**E-301**



**B1** ENLARGED KITCHEN POWER PLAN  
1/2" = 1'-0"

**GFCI REQUIREMENTS PER 2017 NEC:**

THE CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL RECEPTACLE OUTLET BRANCH CIRCUITS (IN ADDITION TO WHAT IS INDICATED IN THESE DOCUMENTS FOR 15 AND 20 AMP, 120 VOLT RECEPTACLES) IN THE KITCHEN/FOOD PREPARATION AREAS IN ACCORDANCE WITH THE 2017 EDITION OF THE NEC.

GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE BRANCH BREAKER VIA A GROUND FAULT TYPE BREAKER FOR ALL 50 AMP AND LESS RECEPTACLE CIRCUITS UNLESS ALREADY NOTED TO BE PROVIDED WITH AN ACCESSIBLE GFCI TYPE RECEPTACLE. (NOTE THAT SQUARE-D DOES NOT HAVE ANY GFCI TYPE BRANCH BREAKERS ABOVE 50 AMP AVAILABLE AT THIS TIME).

REFER TO SHEET E-003 FOR KEYNOTES

**NOTE FOR POS GF IN KITCHEN:**  
THE CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL 120 VOLT, 15 AND 20 AMP ISOLATED GROUND RECEPTACLE OUTLET BRANCH CIRCUITS IN THE KITCHEN/FOOD PREPARATION AREAS. GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE BREAKER VIA A GROUND FAULT TYPE BRANCH BREAKER. (GFCI TYPE ISOLATED GRD RECEPTACLES ARE NOT AVAILABLE.)

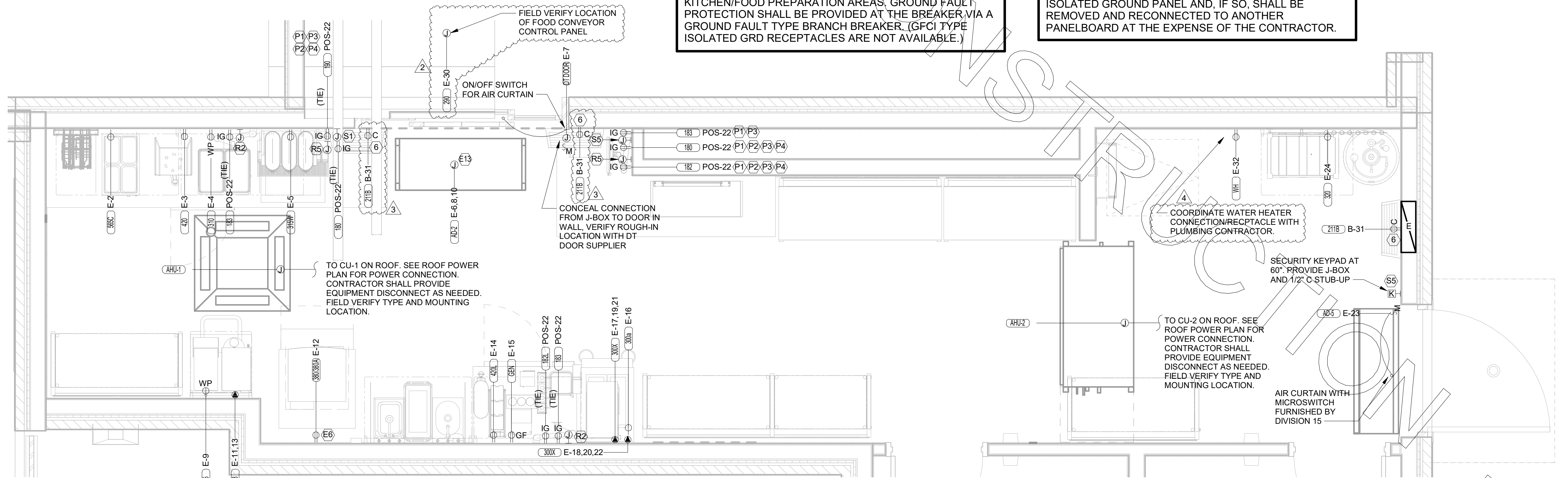
**NOTE:**  
RECEPTACLES FOR THE POS EQUIPMENT SHALL BE THE ONLY ITEMS THAT CONNECT TO PANEL-POS. THERE SHALL BE NO OTHER LOADS CONNECTED TO THIS ISOLATED GROUND PANEL AND, IF SO, SHALL BE REMOVED AND RECONNECTED TO ANOTHER PANELBOARD AT THE EXPENSE OF THE CONTRACTOR.

KITCHEN EQUIPMENT MARK NUMBER, SEE SCHEDULE FOR REQMENTS

PANEL AND CIRCUIT NUMBER

REFER TO THE KITCHEN ELEVATIONS FOR THE ROUGH-IN HEIGHT

**A4** KITCHEN EQUIP NOMENCLATURE  
NO SCALE

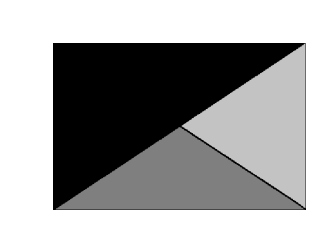


**A1** ENLARGED KIOSK POWER PLAN  
1/2" = 1'-0"

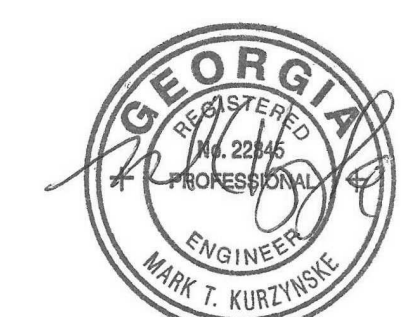
RELEASED FOR CONSTRUCTION



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



**Kurzynske & Associates**  
 2900 Lebanon Pike, Ste 201  
 Nashville, Tennessee 37214  
 Telephone: (615) 255-5203  
 Fax: (615) 255-5207  
 Email: mail@kurzynske.com



04/08/22

**CHICK-FIL-A**  
**PONCE & BLVD**  
 689 Blvd NE  
 Atlanta, GA 30308

**FSR#04553**  
 BUILDING TYPE / SIZE: P13 CUSTOM  
 RELEASE: v2\_20\_08

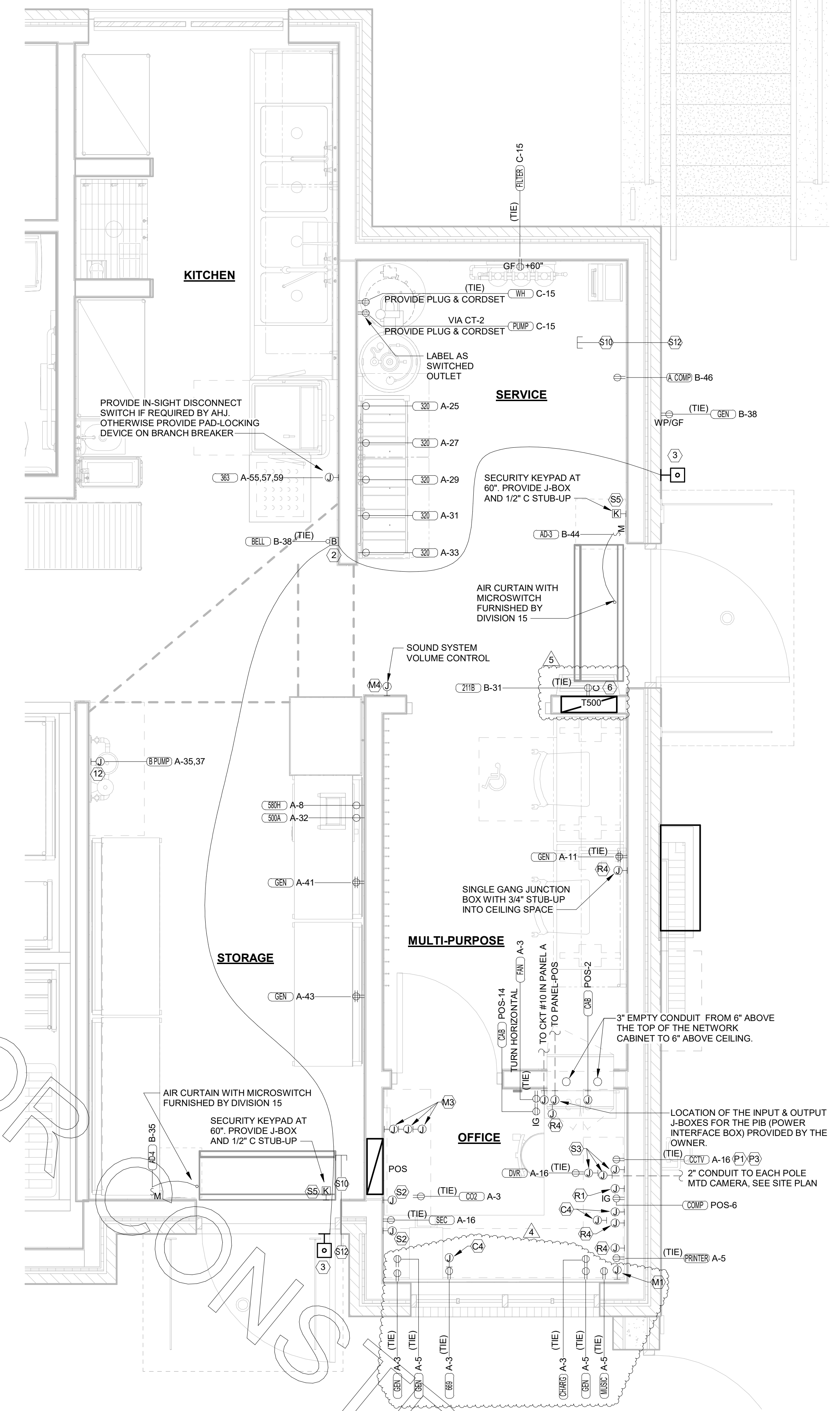
**REVISION SCHEDULE**

NO.	DATE	DESCRIPTION
1	08/25/21	BID SET
3	01/03/22	PERMIT SET
4	03/15/22	CONSTRUCTION SET
5	04/08/22	IFC 2

CONSULTANT PROJECT # 20127.CC.S  
 PRINTED FOR RELEASED FOR CONSTRUCTION  
 DATE 11/10/2020  
 DRAWN BY BJS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
 SHEET ENLARGED SERVING AND BOH POWER PLAN  
 SHEET NUMBER

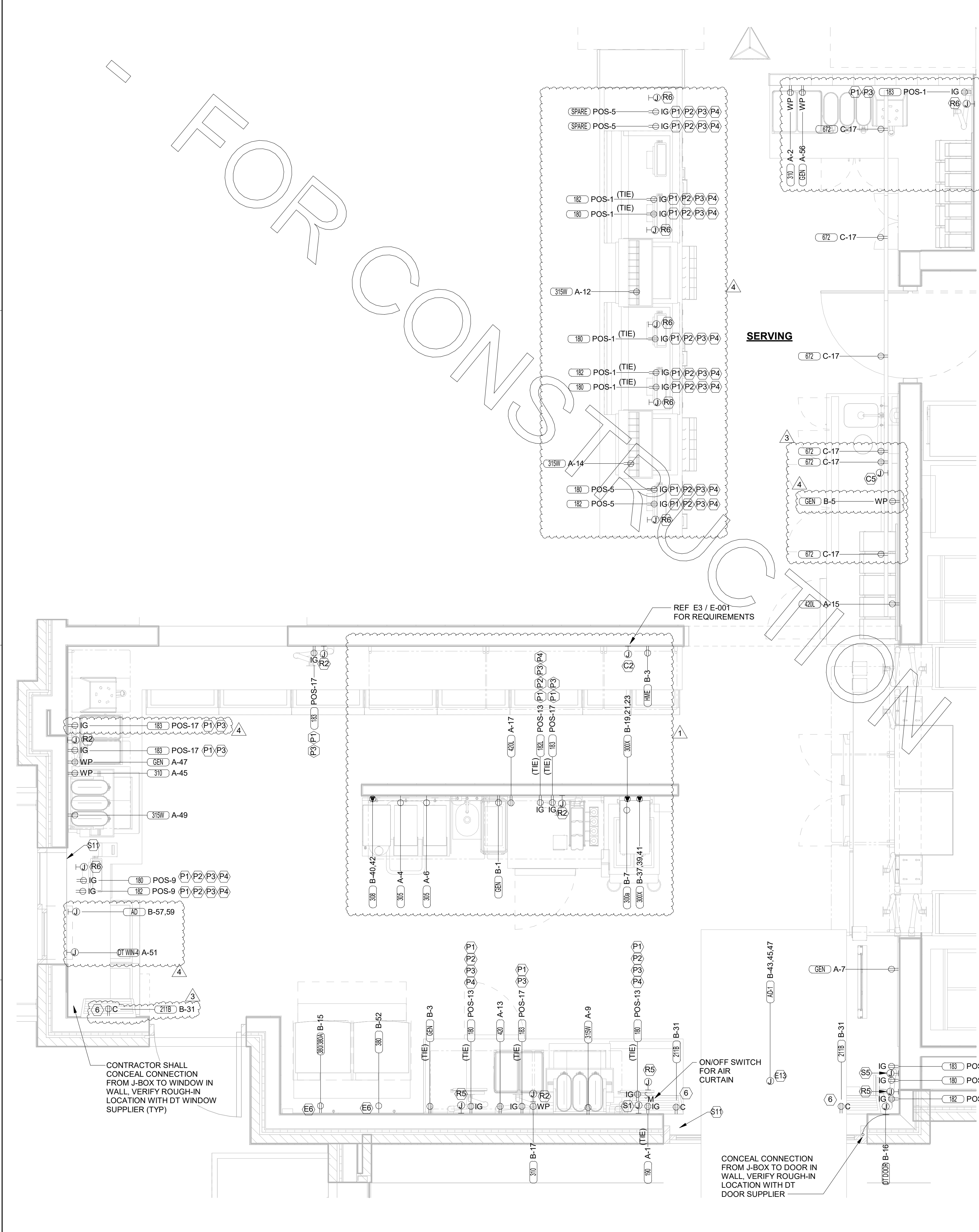
**E-302**



**B1 ENLARGED BOH POWER PLAN**  
 1/2" = 1'-0"

**NOTE FOR POS GF IN KITCHEN:**  
 THE CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL 120 VOLT, 15 AND 20 AMP ISOLATED GROUND RECEPTACLE OUTLET BRANCH CIRCUITS IN THE KITCHEN/FOOD PREPARATION AREAS. GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE BREAKER VIA A GROUND FAULT TYPE BRANCH BREAKER. (GFCI TYPE ISOLATED GRD RECEPTACLES ARE NOT AVAILABLE.)

**NOTE:**  
 RECEPTACLES FOR THE POS EQUIPMENT SHALL BE THE ONLY ITEMS THAT CONNECT TO PANEL-POS. THERE SHALL BE NO OTHER LOADS CONNECTED TO THIS ISOLATED GROUND PANEL AND, IF SO, SHALL BE REMOVED AND RECONNECTED TO ANOTHER PANELBOARD AT THE EXPENSE OF THE CONTRACTOR.



**B3 ENLARGED SERVING AREA POWER PLAN**  
 1/2" = 1'-0"

**GFCI REQUIREMENTS PER 2017 NEC:**

THE CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL RECEPTACLE OUTLET BRANCH CIRCUITS (IN ADDITION TO WHAT IS INDICATED IN THESE DOCUMENTS FOR 15 AND 20 AMP, 120 VOLT RECEPTACLES) IN THE KITCHEN/FOOD PREPARATION AREAS IN ACCORDANCE WITH THE 2017 EDITION OF THE NEC.

GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE BRANCH BREAKER VIA A GROUND FAULT TYPE BREAKER FOR ALL 50 AMP AND LESS RECEPTACLE CIRCUITS UNLESS ALREADY NOTED TO BE PROVIDED WITH AN ACCESSIBLE GFCI TYPE RECEPTACLE. (NOTE THAT SQUARE-D DOES NOT HAVE ANY GFCI TYPE BRANCH BREAKERS ABOVE 50 AMP AVAILABLE AT THIS TIME.)

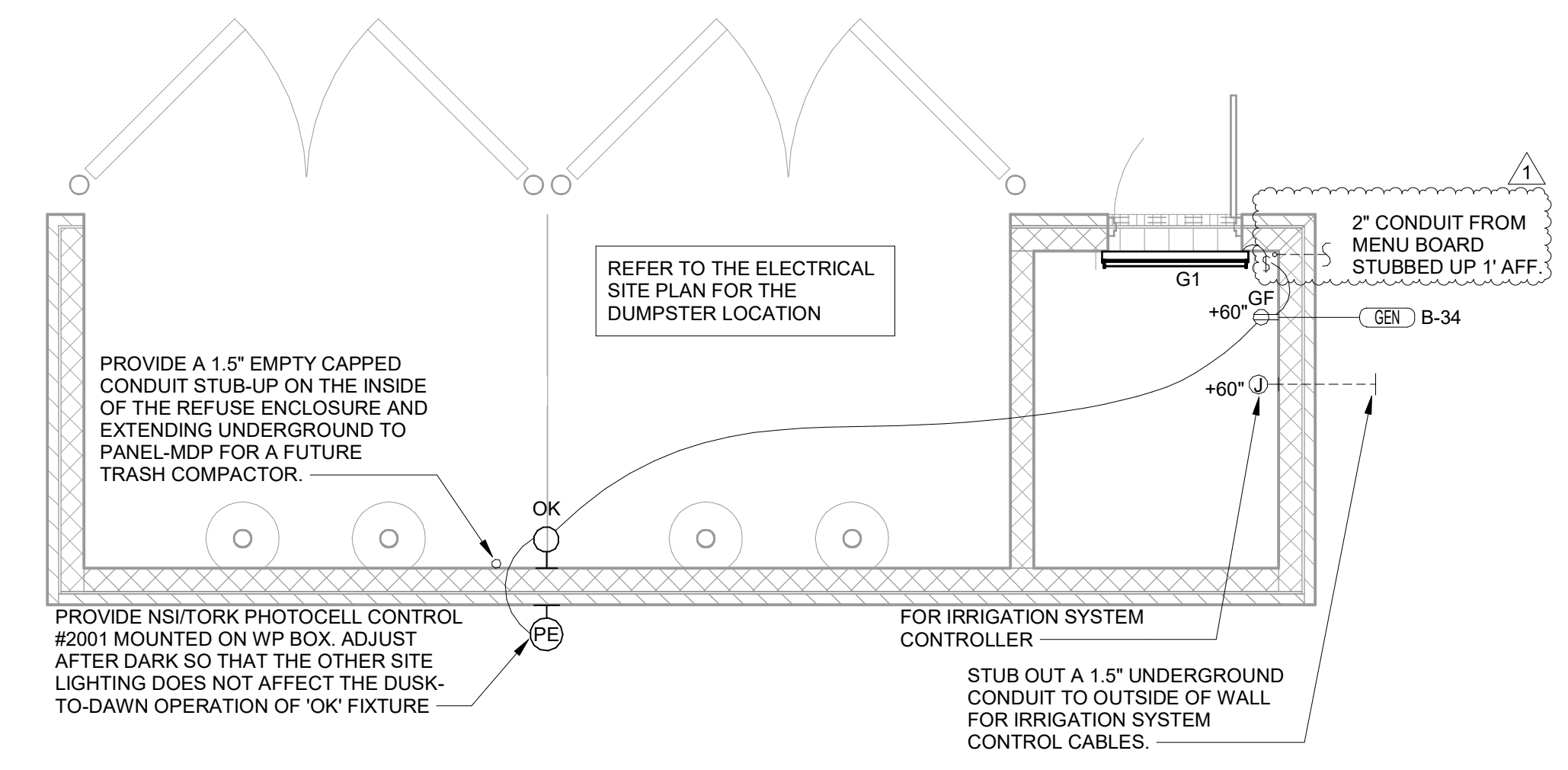
**A1 KITCHEN EQUIP NOMENCLATURE**  
 NO SCALE

XX X-XX  
 KITCHEN EQUIPMENT MARK NUMBER, SEE SCHEDULE FOR REQMENTS  
 PANEL AND CIRCUIT NUMBER  
 REFER TO THE KITCHEN ELEVATIONS FOR THE ROUGH-IN HEIGHT

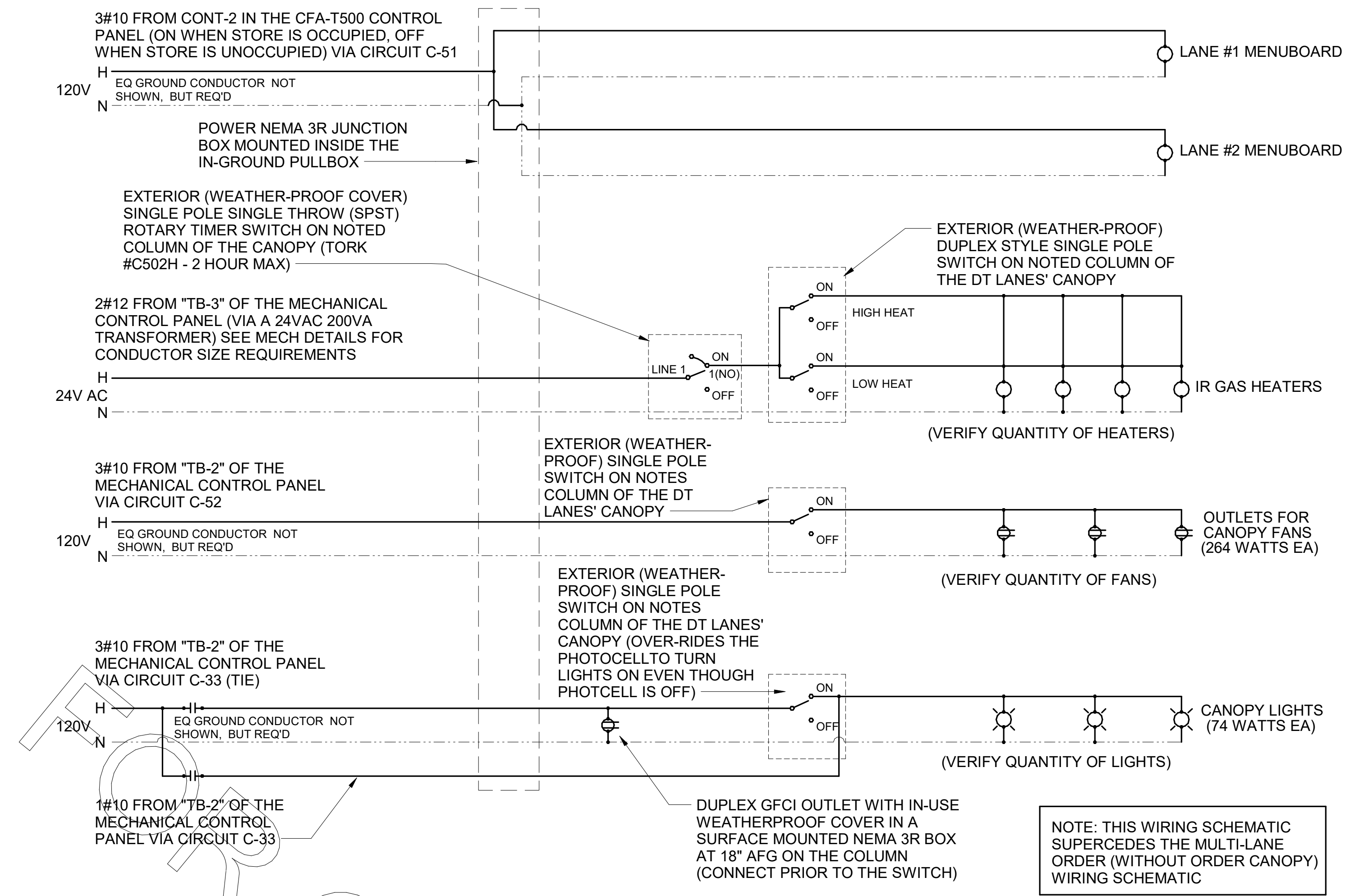
FOR CONSTRUCTION

FOR CONSTRUCTION

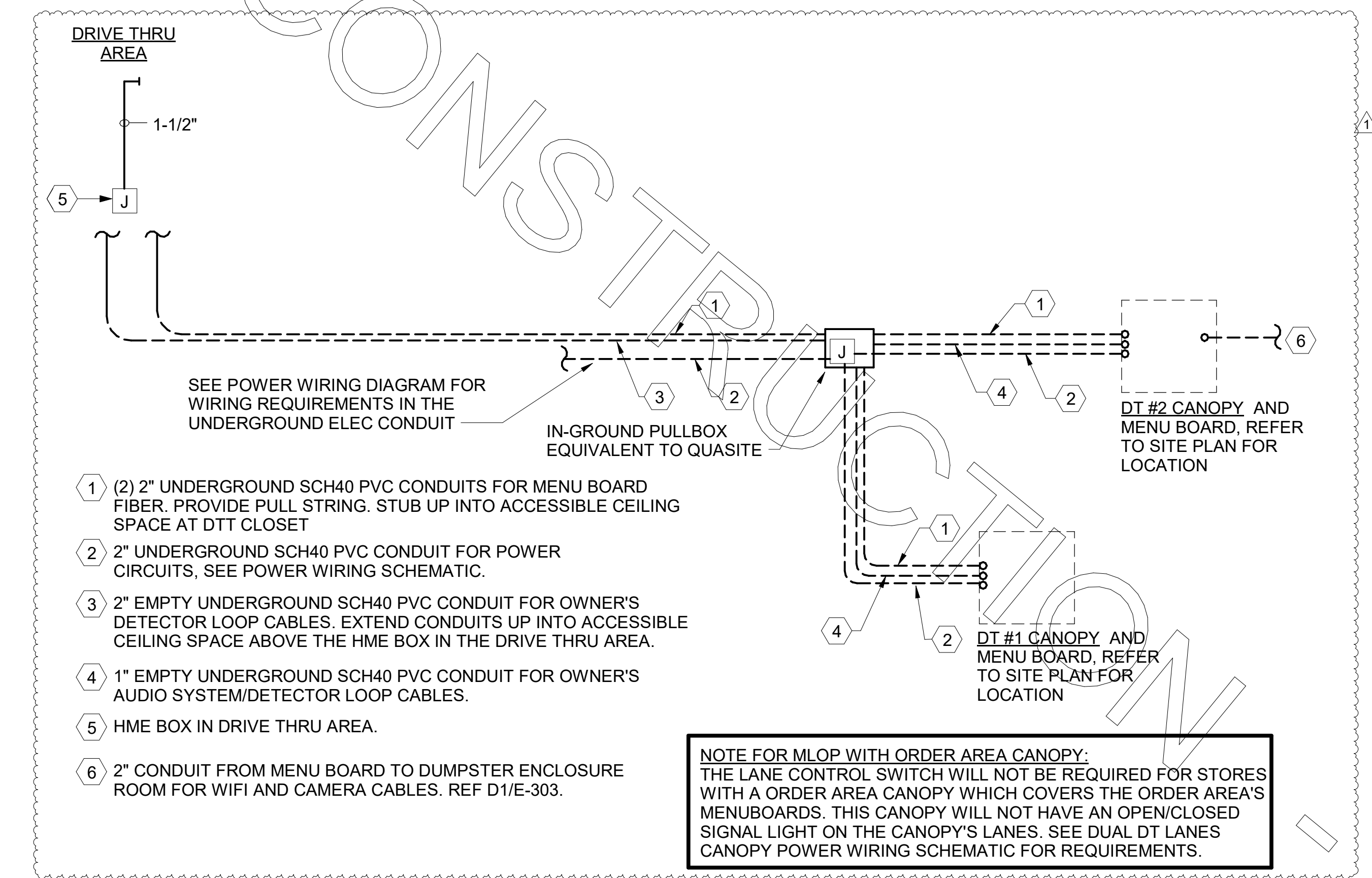
FOR CONSTRUCTION



**D1 REFUSE ENCLOSURE ELECTRICAL PLAN**  
1/4" = 1'-0"



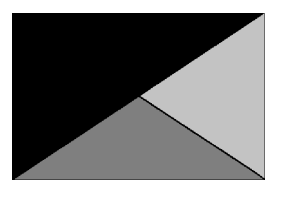
**B1 MLOP DT REQUIREMENTS - ORDER F2F CANOPY**  
N.T.S.



**A1 MLOP DT REQUIREMENTS - WITH ORDER AREA F2F CANOPY**  
NO SCALE



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



**Kurzynske & Associates**  
2900 Lebanon Pike, Ste 201  
Nashville, Tennessee 37214  
Telephone: (615) 255-5203  
Fax: (615) 255-5207  
Email: mail@kurzynske.com



03/30/22

CHICK-FIL-A

PONCE & BLVD

689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**  
BUILDING TYPE / SIZE: P13 CUSTOM  
RELEASE: v2\_20\_08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	08/25/21	BID SET

CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASED FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY BJS

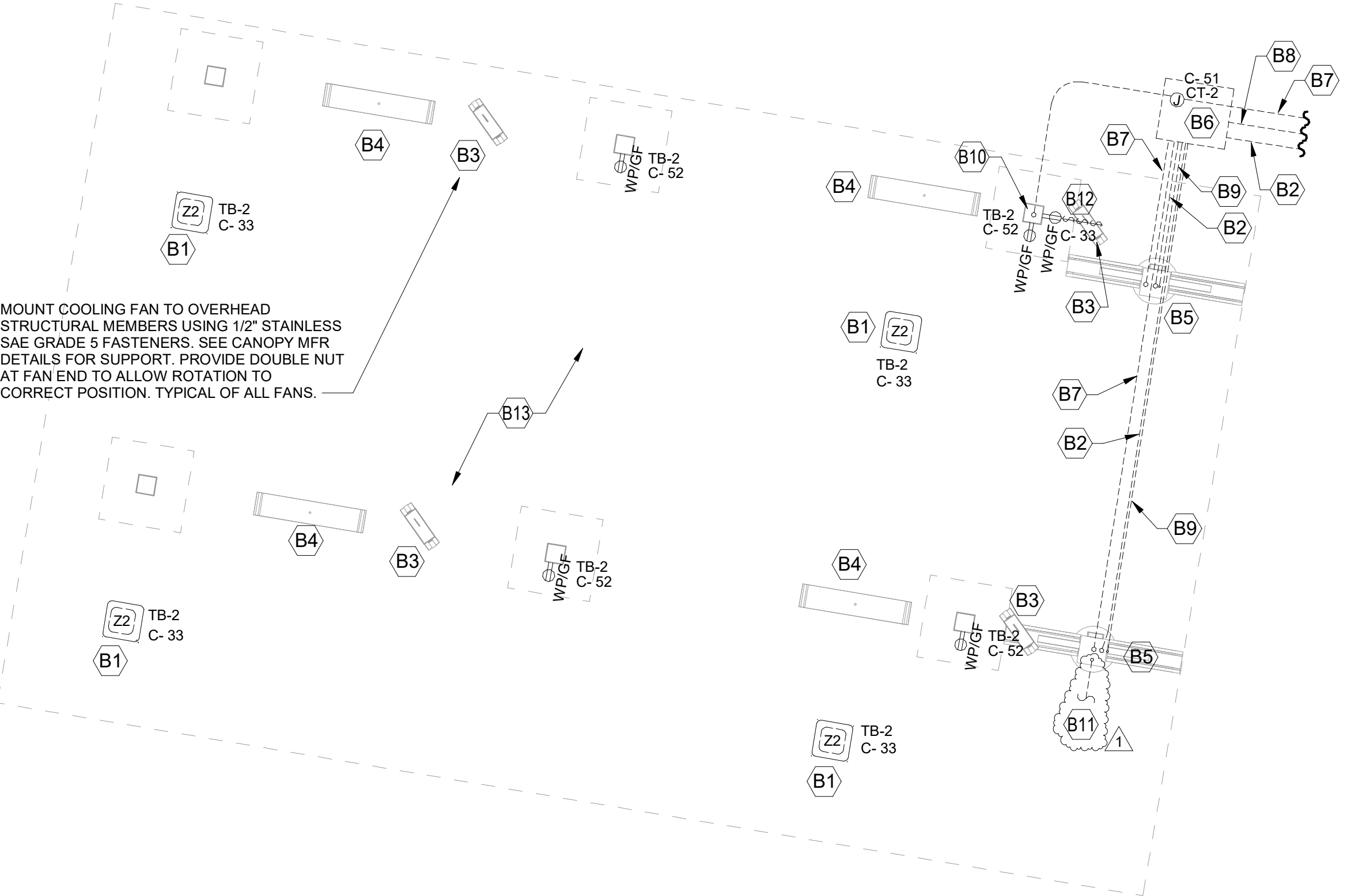
Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
SHEET DT ORDERING AREA DETAILS & REFUSE ENCLOSURE PLAN SHEET NUMBER

E-303

RELEASED FOR CONSTRUCTION

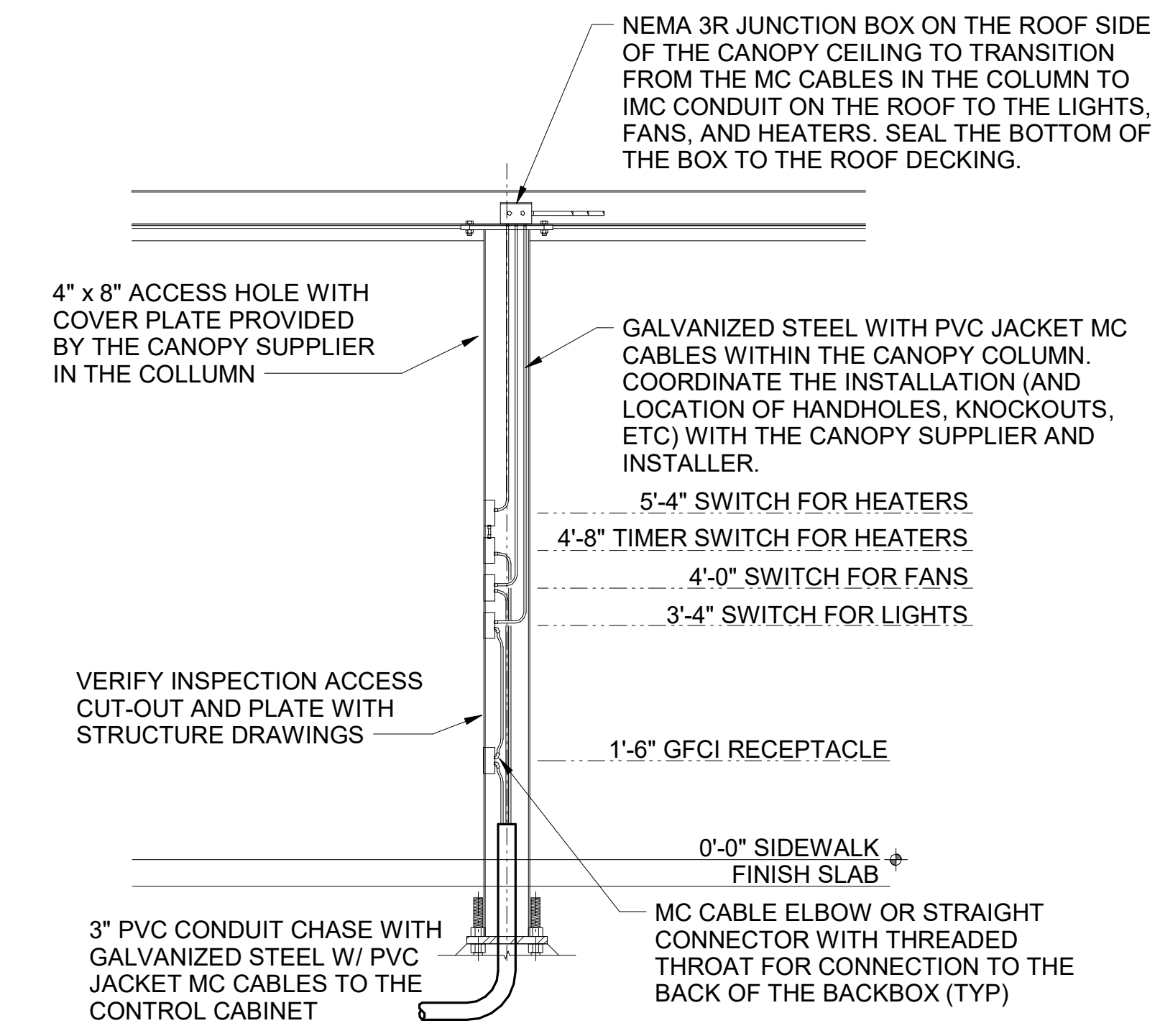
**ORDER CANOPY ELECTRICAL KEYNOTES:**

- (B1) CEILING LIGHT PROVIDED BY CANOPY SUPPLIER AND INSTALLED BY E.C.
- (B2) (2) 2" UNDERGROUND SCH40 PVC CONDUIT FOR MENU BOARD FIBER. PROVIDE PULL STRING. STUB UP INTO ACCESSIBLE CEILING SPACE AT IN THE OFFICE.
- (B3) AIR CIRCULATING FAN (WITH INTEGRAL ON-OFF SWITCH) PROVIDED BY OTHERS. PROVIDE A DUPLEX OUTLET (WITH IN-USE COVER PLATE) FLUSH MOUNTED IN CUT-OUT AT TOP OF COLUMN FOR FAN'S PLUG AND CORD. OUTLET TO BE ON DOWNSTREAM SIDE OF COLUMN AND AWAY FROM ONCOMING VEHICLES' VIEW.
- (B4) INFARED GAS HEATER WITH INTEGRAL ON-OFF SWITCH PROVIDED BY OTHERS.
- (B5) MENUBOARD PROVIDED BY OTHERS.
- (B6) PROVIDE IN-GROUND QUASITE PULLBOX FOR MLOP DATA CABLES WITH POWER NEMA 3R JUNCTION BOX MOUNTED INSIDE THE PULLBOX.
- (B7) 2" UNDERGROUND SCH40 PVC CONDUIT WITH POWER CIRCUITS, SEE WIRING SCHEMATIC.
- (B8) 2" EMPTY UNDERGROUND SCH40 PVC CONDUIT FOR OWNER'S DETECTOR LOOP CABLES. EXTEND CONDUITS UP INTO ACCESSIBLE CEILING SPACE ABOVE THE HME BOX IN THE DRIVE THRU AREA.
- (B9) 1" EMPTY UNDERGROUND SCH40 PVC CONDUIT FOR OWNER'S AUDIO SYSTEM/DETECTOR LOOP CABLES.
- (B10) INSTALL UNDERGROUND 3" SCH40 PVC CONDUIT UP INTO THE CANOPY COLUMN WITH TYPE MC CABLE (GALVANIZED STEEL WITH PVC JACKET) RUN WITHIN FOR THE 120V POWER FOR LIGHTS, 120 VOLT POWER FOR FANS, AND 24 VOLT POWER FOR THE INFRARED GAS HEATERS.
- (B11) 2" CONDUIT FROM DRIVE-THRU MENU BOARD TO DUMPSTER ENCLOSURE ROOM FOR WIFI AND CAMERA CABLES.
- (B12) PROVIDE ONE DUPLEX GFCI (WITH IN-USE WP COVER PLATE) AND TWO 120V SINGLE-POLE SWITCHES (EACH WITH HUBBELL #RW51550 WP COVER PLATE) AND ONE DUPLEX SINGLE-POLE SWITCH (WITH HUBBELL #RW51470 WP COVER PLATE), AND ONE TIMER SWITCH FOR HEATERS MOUNTED ON THE COLUMN IN FLUSH MOUNTED METAL SINGLE GANG BOXES FOR LOCAL ON-OFF CONTROL OF THE FAN, TWO STAGE HEATERS, AND CANOPY LIGHTS. SEE WIRING SCHEMATIC AND CANOPY COLUMN DETAILS FOR FURTHER INFORMATION. ALL SURFACE MOUNTED ITEMS AND COVER PLATES TO BE FIELD PAINTED MATTE BLACK.
- (B13) 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. REFER TO THE MECHANICAL DRAWINGS FOR LOCATIONS OF GAS PIPING ABOVE THE ROOF AND INSTALL CONDUIT ALONG THE SAME LOCATIONS USING THE SAME PIPE STAND FOR PIPING AND CONDUIT. ALL EXPOSED ELECTRICAL BOXES TO BE NEMA 3R CAST-METAL.

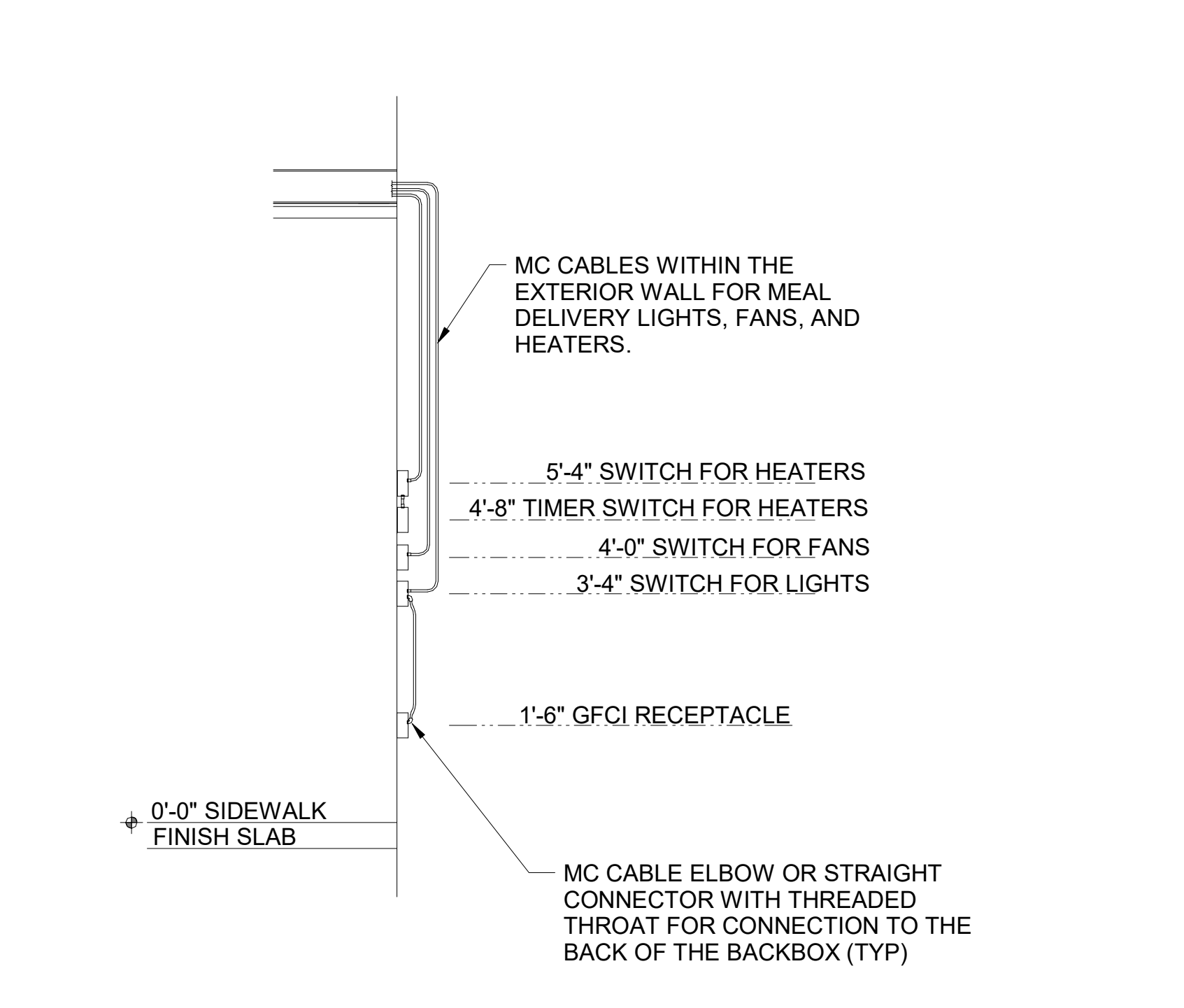


**A3 MLOP ORDER CANOPY POWER PLAN**  
1/4" = 1'-0"

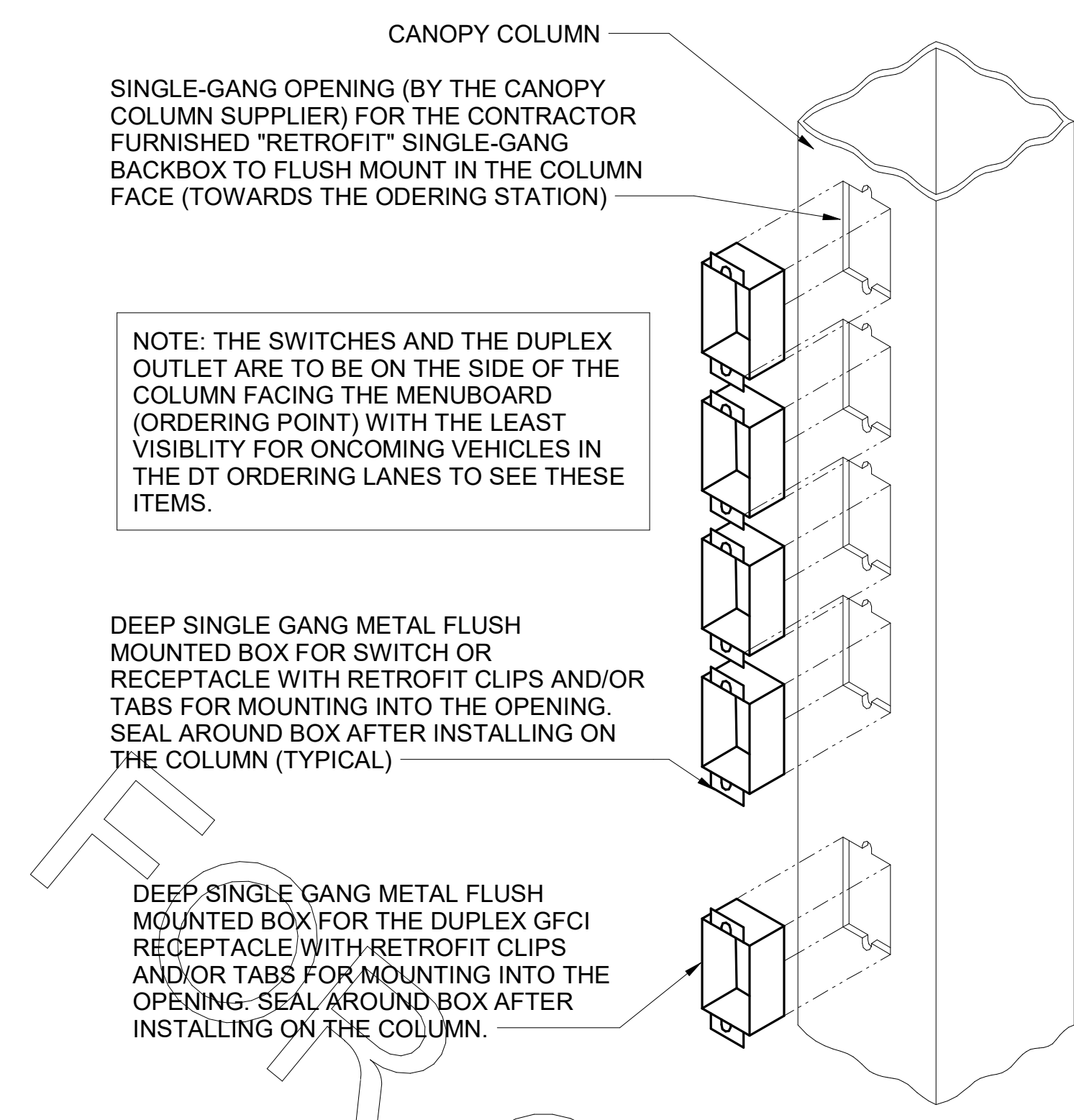
**D2 MLOP ORDER CANOPY COLUMN SECTION**  
N.T.S.



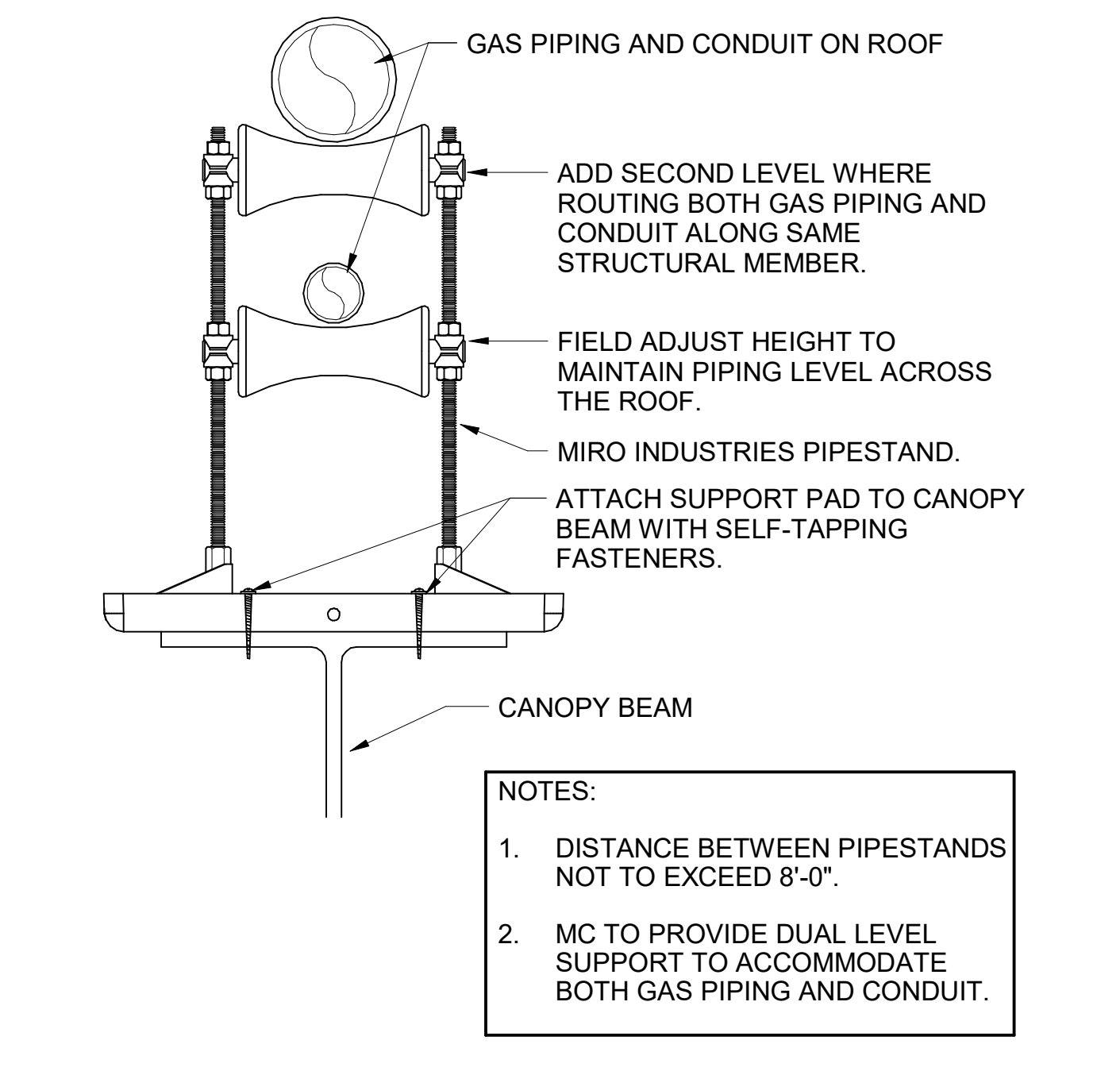
**D1 MEAL DELIVERY CANOPY COLUMN SECTION**  
N.T.S.



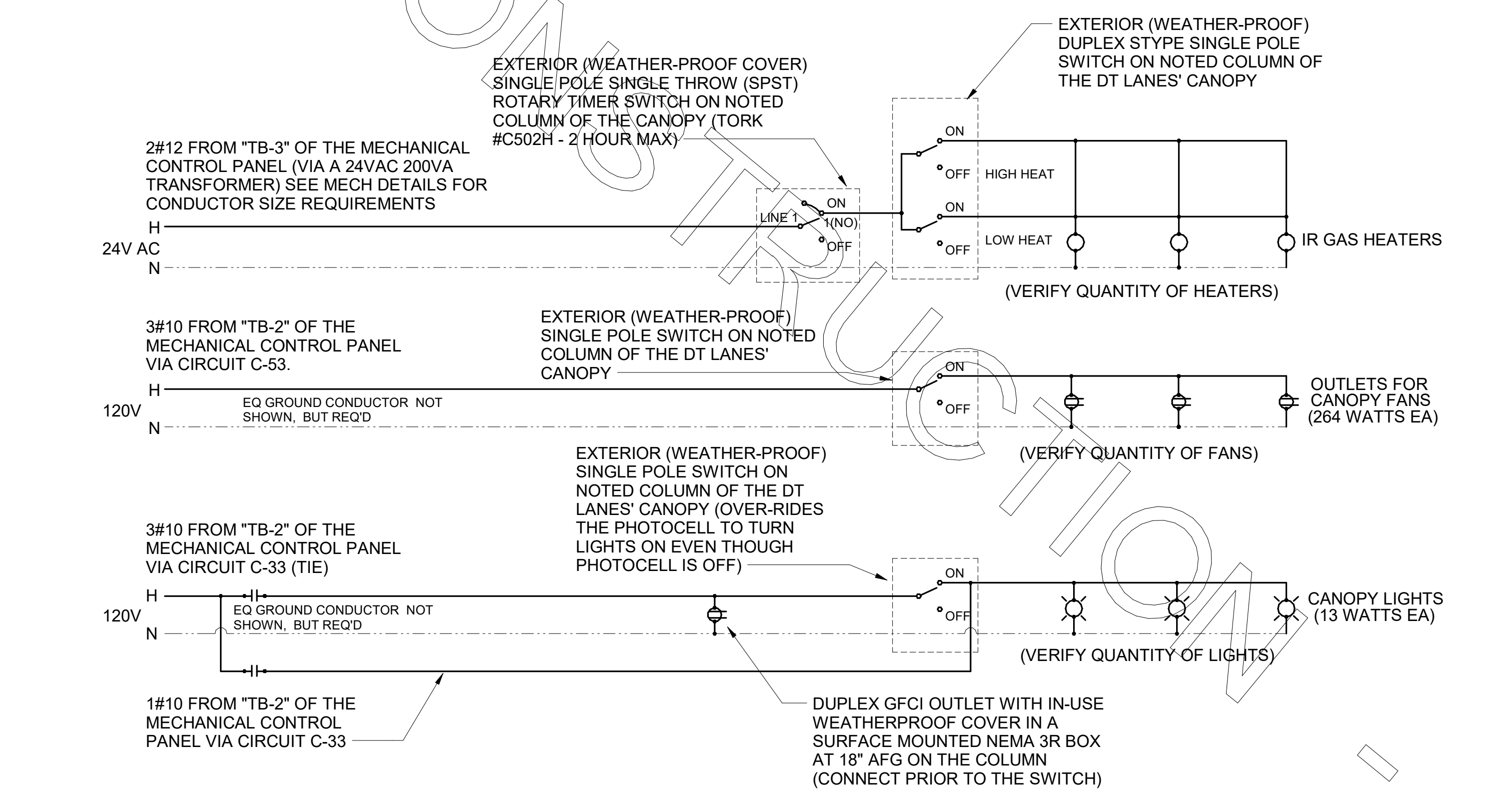
**C3 CANOPY COLUMN ISOMETRIC**  
N.T.S.



**C1 PIPING SUPPORT ON CANOPY**  
1/4" = 1'-0"



**A1 MEAL DELIVERY CANOPY POWER WIRING SCHEMATIC**  
N.T.S.



**CHICK-FIL-A**  
**PONCE & BLVD**  
689 Blvd NE  
Atlanta, GA 30308

**FSR#04553**  
BUILDING TYPE / SIZE: P13 CUSTOM  
RELEASE: v2\_20-08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION
1	08/25/21	BID SET

CONSULTANT PROJECT # 20127.CC.S  
PRINTED FOR RELEASED FOR CONSTRUCTION  
DATE 11/10/2020  
DRAWN BY BTS  
Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.  
SHEET CANOPY PLAN AND DETAILS  
SHEET NUMBER

RELEASED FOR CONSTRUCTION

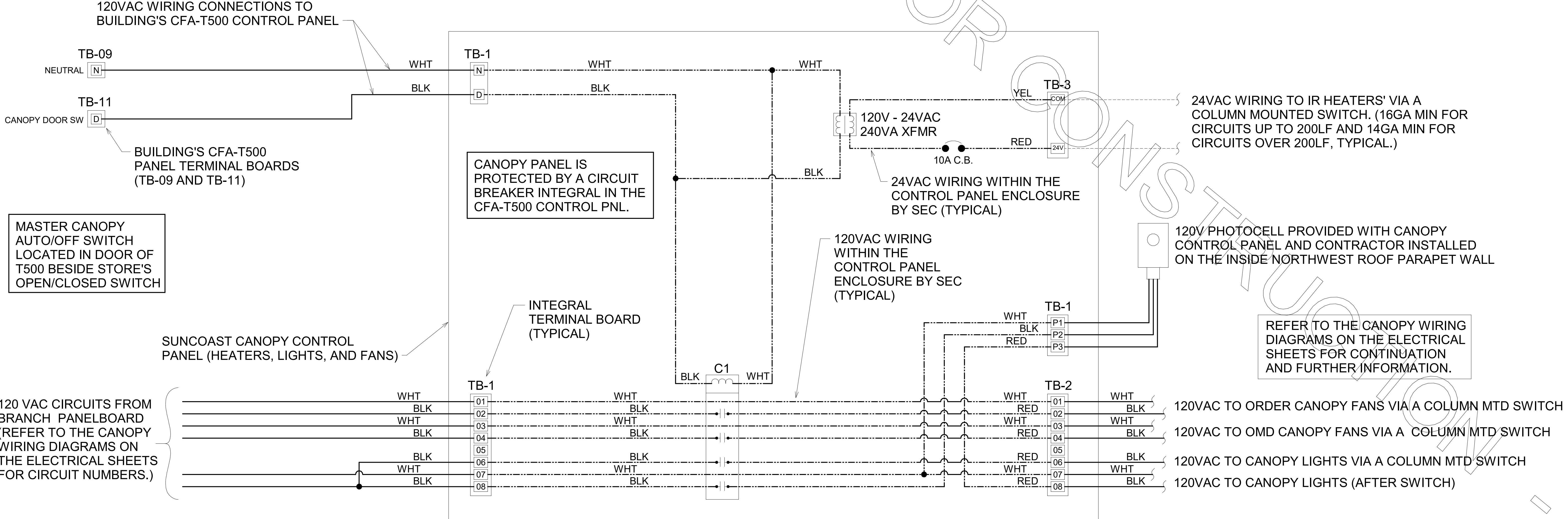
FOR CONSTRUCTION

SEQUENCE OF OPERATION	
<p><b>STORE SWITCH IN "STORE OPEN" POSITION</b></p> <p>A. INFRARED HEATERS ARE ENABLED.            B. COOLING FANS ARE ENABLED.            C. LIGHTS ARE ENABLED.            D. MASTER AUTO/OFF SWITCH FOR IR HEATERS AND COOLING FANS. PROVIDE SINGLE POINT ON/OFF CONTROL.</p>	<p><b>STORE SWITCH IN "STORE CLOSED" POSITION</b></p> <p>A. INFRARED HEATERS ARE DISABLED.            B. COOLING FANS ARE DISABLED.            C. LIGHTS ARE DISABLED.</p>
<p><b>NOTES</b></p> <p>1. CONTRACTOR SHALL PURCHASE CONTROL PANEL DIRECT FROM SUNCOAST ENVIRONMENTAL CONTROLS (727-544-6679).</p> <p>2. COORDINATE WITH GC TO ESTABLISH LOCATION TO MOUNT PANEL IN A CONDITIONED SPACE INSIDE THE BUILDING. SUGGESTED LOCATION IS SURFACE MOUNTED DIRECTLY ABOVE THE LOCATION OF THE CFA-T500 CONTROL PANEL.</p> <p>3. THE SUNCOAST ENVIRONMENTAL CONTROLS (SEC) IS TO BE SURFACE MOUNTED, UNLESS OTHERWISE REQUESTED TO SUNCOAST.</p> <p>4. PROVIDE LAMINATED LEGEND SHOWING NAMED LOCATIONS OF FANS AND IR HEATERS. MOUNT LEGEND AT PANEL.</p>	

LEGEND	
SEC	SUNCOAST ENVIRONMENTAL CONTROLS (SUPPLIER OF CONTROL PANELS)
-----	LOW VOLTAGE BY CONTRACTOR
-----	LOW VOLTAGE WIRING BY SUNCOAST
-----	120 VOLT BY CONTRACTOR
-----	120 VOLT BY SUNCOAST

SUNCOAST RELAYS CONTACTORS SHOWN IN DE-ENERGIZED "STORE UNOCCUPIED" CONDITION. RELAYS AND CONTACTORS FACTORY INSTALLED BY SEC IN CONTROL PANEL. RELAYS AND CONTACTORS ENERGIZED VIA "STORE OPEN/CLOSED" SWITCH.

CIRCULATING FAN SCHEDULE					
MARK	CFM	RPM	HP	MODEL	MANUFACTURER
CF	5,750	1,625	1/8	U18TE-HD	TPI
REMARKS	1. ALUMINUM PADDLE WITH STEEL HUB/SPIDER PROPELLER. 2. 360° ROTATING HEAD HORIZONTALLY AND VERTICALLY. 3. OSHA COMPLIANT DOUBLE LOCKING, COATED STEEL WIRE GUARD. 4. 3-SPEED, TOTALLY ENCLOSED, PERMANENTLY LUBRICATED BALL BEARING MOTOR. 5. FACTORY PRE-WIRED POWER CORD. 6. PROVIDE FACTORY WALL MOUNTING BRACKET. SEE FAN MOUNTING DETAIL ON CANOPY SHOP DRAWINGS FOR TYPICAL INSTALLATION INSTRUCTIONS. 7. 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. 8. REMOVE PULL CHAIN EXTENSION AT ON/OFF SWITCH IN THE FIELD. 9. FACTORY CERTIFIED FOR OUTDOOR INSTALLATION.				
<p>TPI FAN PACKAGE - THE 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.</p>					



**Kurzynske & Associates**  
 2900 Lebanon Pike, Ste 201  
 Nashville, Tennessee 37214  
 Telephone: (615) 255-5203  
 Fax: (615) 255-5207  
 Email: mail@kurzynske.com



**CHICK-FIL-A**  
**PONCE & BLVD**  
 689 Blvd NE  
 Atlanta, GA 30308

**FSR#04553**  
 BUILDING TYPE / SIZE: P13 CUSTOM  
 RELEASE: v2\_20\_08

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 20127.CC.S  
 PRINTED FOR RELEASED FOR CONSTRUCTION  
 DATE 11/10/2020  
 DRAWN BY BTS

Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

SHEET CANOPY CONTROL PANEL WIRING DIAGRAM

SHEET NUMBER **E-305**

RELEASED FOR CONSTRUCTION

**A1 SUNCOAST CANOPY CONTROL PANEL WIRING DIAGRAM**  
 NO SCALE



**Branch Panel: A**

LOCATION: SUPPLY FROM: MDP  
MOUNTING: FLUSH  
ENCLOSURE: NEMA 1

VOLTS: 120/208 Wye  
PHASES: 3  
WIRES: 4

A.I.C. SERIES RATING: 65K/10K  
MANS TYPE: MLO  
MAINS RATING: 250 A  
MCB RATING:

NT	CKT	LOAD DESCRIPTION	TRIP	POLE	A	B	C	POLE	TRIP	LOAD DESCRIPTION	CKT	NT
H	1	TELEPHONE DT VIDEO (190)	20 A	1	0.240	1.020				20 A DOUBLE LEMONADE BUBBLER (310)	2	H
	3	OFFICE GEN OUTLETS (CO2.669)	20 A	1		0.900	1.650			20 A TEA BREWER (305)	4	I
	5	OFF GEN OUTLETS, PRINTER, MUSIC	20 A	1			0.720	1.650		20 A TEA BREWER (305)	6	I
H	7	GENERAL OUTLET	20 A	1	0.180	1.920				20 A MULTISTAGE HOLDING CABINET (580H)	8	I
H	9	DRINK TOWER (315W)	20 A	1		1.200	1.935			20 A PANEL-POS THRU PIB	10	M
	11	GENERAL OUTLETS	20 A	1			0.410	1.200		20 A DRINK TOWER (315W)	12	I
H	13	U.C. REFRIG (420)	20 A	1	0.564	1.200				20 A DRINK TOWER (315W)	14	I
H	15	U.C. REFRIG (420L)	20 A	1	0.564	0.360				20 A SECURITY SYSTEM	16	L
I	17	U.C. REFRIG (420L)	20 A	1			0.564	1.244		15 A COOLER CONDENSER / EVAP COIL (449)	18	LO
I	19	SANDWICH SLIDE (563S)	20 A	1	0.546	1.244					20	
I	21	U.C. REFRIG (421)	20 A	1		0.756	1.140				22	
I	23	SANDWICH SLIDE (563D)	20 A	1			1.090	0.000		20 A SPARE	24	
	25	CARBONATOR (320)	20 A	1	0.744	1.752				35 A FREEZER CONDENSER / EVAP COIL (410)	26	LO
	27	CARBONATOR (320)	20 A	1		0.744	1.908				28	
	29	CARBONATOR (320)	20 A	1		0.744	1.908				30	
	31	CARBONATOR (320)	20 A	1	0.744	1.800				20 A VERTICAL CONTACT TOASTER (500A)	32	I
	33	CARBONATOR (320)	20 A	1		0.744	0.900			20 A REFRIG HEAT TAPE (410)	34	F
	35	BOOSTER PUMP	20 A	2			1.144	4.992		60 A FRANKIE COLD TABLE (120)	36	
	37				1.144	4.056					38	
H	39	GENERAL OUTLETS	20 A	1		0.180	4.056				40	
I	41	CATERING OUTLETS	20 A	1			0.360	1.844		60 A FRANKIE HOT TABLE (120A)	42	
I	43	CATERING OUTLETS	20 A	1	0.360	4.544					44	
H	45	DOUBLE LEMONADE BUBBLER (310)	20 A	1		1.020	3.060				46	
H	47	GENERAL OUTLET	20 A	1			0.180	4.296		60 A FRANKIE TOASTER TABLE (120C)	48	
H	49	DRINK TOWER (315W)	20 A	1	1.200	4.992					50	
	51	WALK-UP WINDOW-1	20 A	1		0.300	4.296				52	
	53	GENERAL OUTLET	20 A	1			0.000	1.800		20 A KIOSK HEAT TAPE	54	
	55	DISHWASHER (363)	60 A	3	5.880	0.180				20 A GENERAL OUTLET	56	H
	57					5.880	0.000			20 A SPARE	58	
	59					5.880	0.000			20 A SPARE	60	
	61	SPARE	20 A	1	0.000	0.000				20 A SPARE	62	
	63	SPARE	20 A	1		0.000	0.000			SPACE	64	
	65	SPARE	20 A	1			0.000	0.000		SPACE	66	
	67	SPARE				0.000	0.000			SPACE	68	
	69	SPARE				0.000	0.000			SPACE	70	
	71	SPARE					0.000	0.000		SPACE	72	
Total Load:					34.31 kVA	31.19 kVA	30.03 kVA					
Total Amps:					287.4 A	261.4 A	250.2 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HEAT	9196 VA	100.00%	9196 VA	
KITCHEN EQUIPMENT	72994 VA	65.00%	47446 VA	
KITCHEN REFRIG EQUIPMENT	2448 VA	80.00%	1958 VA	
MISCELLANEOUS	3582 VA	100.00%	3582 VA	
Motor	2638 VA	121.68%	3210 VA	
RECEPTACLES	4673 VA	100.00%	4673 VA	
				<b>Total Conn. Load: 95.5 kVA</b>
				<b>Total Est. Demand: 70.1 kVA</b>
				<b>Total Conn.: 285.2 A</b>
				<b>Total Est. Demand: 194.5 A</b>

**Branch Panel: B**

LOCATION: SUPPLY FROM: MDP  
MOUNTING: FLUSH  
ENCLOSURE: NEMA 1

VOLTS: 120/208 Wye  
PHASES: 3  
WIRES: 4

A.I.C. SERIES RATING: 65K/10K  
MANS TYPE: MLO  
MAINS RATING: 250 A  
MCB RATING:

NT	CKT	LOAD DESCRIPTION	TRIP	POLE	A	B	C	POLE	TRIP	LOAD DESCRIPTION	CKT	NT
H	1	GENERAL OUTLET	20 A	1	0.180	1.128				20 A SINGLE REACH-IN FREEZER (400)	2	I
H	3	GENERAL OUTLET	20 A	1		0.360	0.756			20 A DOUBLE WORKTOP REFRIG (431)	4	I
H	5	GENERAL OUTLET	20 A	1			0.180	1.500		20 A FOOD COOKER/WARMER (565C)	6	I
H	7	MILKSHAKE DISPENSER (300a)	20 A	1	0.480	0.180				20 A GENERAL OUTLET	8	I
	9	ROOF MOUNTED ICE MAKER (380C)	25 A	3		1.704	1.128			20 A SINGLE REACH-IN FREEZER (400)	10	I
	11						1.704	1.840		20 A FRY HOLDING STATION (560)	12	I
	13				1.704	1.840				20 A FRY HOLDING STATION (560)	14	I
I	15	INTERIOR ICE MAKER (380B)	15 A	1		0.610	0.500			20 A D.T. WINDOW	16	I
H	17	DOUBLE LEMONADE BUBBLER (310)	20 A	1			0.943	1.704		25 A ROOF MOUNTED ICE MAKER (380C)	18	
LO	19	ICE CREAM MACHINE (300X)	30 A	3	2.280	1.704					20	
	21					2.280	1.704				22	
	23					2.280	1.960			20 A DOUBLE THAWING CABINET (444D)	24	I
	25	ROOF RECEPTACLES	20 A	1	1.080	0.610				15 A INTERIOR ICE MAKER (380,380A)	26	I
	27	DINING AREA OUTLETS	20 A	1		0.540	1.920			20 A DOUBLE THAWING CABINET (444D)	28	
	29	DINING AREA OUTLETS	20 A	1			0.900	0.000		20 A FACI (WHEN REQUIRED)	30	L
I	31	FLY LIGHT SYSTEM (21B.C)	20 A	1	0.469	1.800				20 A TRASH COMPACTOR (TC)	32	
H	33	LEMON JUICER STAND (607)	20 A	1		0.180	0.230			20 A REFUSE ENCLOSURE	34	
LO	35	UNHEATED AIR DOOR (AD-4)	20 A	1			0.960	0.360		20 A 1500 SHUNT TRIP (269,270)	36	L
LO	37	ICE CREAM MACHINE (300X)	20 A	3	1.800	0.180				20 A GENERAL OUTLETS/DOORBELL	38	
	39					1.800	2.000			20 A COFFEE MAKER (308)	40	I
	41						1.800	2.000			42	
	43	HEATED AIR DOOR (AD-1)	45 A	3	4.068	0.960				20 A UNHEATED AIR DOOR (AD-3)	44	LO
	45					4.068	2.165			20 A OPTIONAL COMPRESSOR	46	
	47					4.068	0.000			20 A (1 OF 2 LOCATIONS)	48	
	49	ROOF MOUNTED ICE MAKER (380C)	25 A	3	1.704	1.800				20 A TRASH COMPACTOR (TC)	50	
	51					1.704	0.600			15 A INTERIOR ICE MAKER (380)	52	I
	53						1.704	1.800		20 A TRASH COMPACTOR (TC)	54	
H	55	MANAGERS STATION (GEN)	20 A	1	0.180	1.960				20 A SPARE/FUTURE THAWING CABINET (444)	56	
LO	57	HEATED AIR DOOR (AD) WALK UP WIN	25 A	2		1.674	0.540			20 A DINING AREA OUTLETS	58	
	59					1.674	0.180			20 A CATERING GEN OUTLETS	60	I
I	61	RETRHERMALIZER (592)	30 A	1	2.640	0.180				20 A CATERING GEN OUTLETS	62	I
	63					2.640	0.180			20 A DROP CORD OUTLET	64	I
	65					2.640	0.180			20 A DROP CORD OUTLET	66	I
	67	SPARE	20 A	1	0.000	0.384				20 A SALAD SPINNER (602)	68	I
	69	SPARE	20 A	1		0.000	0.000			20 A SPARE	70	I
	71	SPARE	20 A	1			0.000	0.000		20 A SPARE	72	
Total Load:					29.31 kVA	29.30 kVA	30.38 kVA					
Total Amps:					244.3 A	244.2 A	253.2 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HEAT	15553 VA	100.00%	15553 VA	
KITCHEN EQUIPMENT	33363 VA	65.00%	21629 VA	
KITCHEN REFRIG EQUIPMENT	23751 VA	65.00%	15438 VA	
LIGHTING	110 VA	125.00%	138 VA	
MISCELLANEOUS	384 VA	100.00%	384 VA	
Motor	10005 VA	105.46%	10551 VA	
Power	360 VA	100.00%	360 VA	
RECEPTACLES	4885 VA	100.00%	4885 VA	
				<b>Total Conn. Load: 88.6 kVA</b>
				<b>Total Est. Demand: 69.1 kVA</b>
				<b>Total Conn.: 246.9 A</b>
				<b>Total Est. Demand: 191.9 A</b>

**PANELBOARD NOTES**

- (A) CONTROLLED BY RELAY IN CONTROL PANEL CFA-T500 AND STORE-OPEN EXHAUST FAN SWITCH. PANELBOARD SUPPLIER TO PROVIDE NOTATION ON CIRCUIT THAT THE CFA-T500 ALSO HAS AN INTEGRAL BREAKER ON THE FAN CIRCUITS FOR THE DISCONNECTION OF POWER AT THE CONTROLLER PER THE NEC. SEE CFA-T500 CONTROL PANEL CONNECTION DIAGRAM ON E-001.
- (B) CONTROLLED BY EXTERIOR SIGN RELAY IN CONTROL PANEL CFA-T500.
- (C) CONTROLLED BY EXTERIOR LIGHTING RELAY IN CONTROL PANEL CFA-T500.
- (D) CONTROLLED BY EXTERIOR LIGHTING RELAY - DUSK TO DAWN ZONE.
- (E) CONTROLLED BY PARKING LOT LIGHTING CONTROL SWITCH.
- (F) GFCI TYPE BREAKER TO BE 30MA TYPE BREAKER.
- (GF) GROUND FAULT.
- (H) THE CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL 120 VOLT, 15 AND 20 AMP RECEPTACLES IN THE KITCHEN/FOOD PREPARATION AREA. THE GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE RECEPTACLE AS A GROUND FAULT TYPE RECEPTACLE UNLESS NOTED OTHERWISE. (NOTE THAT THE RECEPTACLES FOR THE OEP BOXES, THE KITCHEN/SERVING AREA, SERVING EQUIPMENT, AND THE CIRCUIT FOR THE FLY SYSTEM SHALL BE PROTECTED BY GROUND FAULT TYPE CIRCUIT BREAKERS RATHER THAN GROUND FAULT TYPE RECEPTACLES SINCE ISOLATED GROUNDING TYPE RECEPTACLES, AND CLOCK TYPE RECEPTACLES ARE NOT AVAILABLE AS GROUND FAULT TYPE.) GFCI BREAKERS REQUIRE A DEDICATED NEUTRAL (NOT SHARED) TO OPERATE PROPERLY.
- (I) THE CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL 120 VOLT, 15 AND 20 AMP RECEPTACLES IN THE KITCHEN/FOOD PREPARATION AREA. THE GROUND FAULT PROTECTION SHALL BE PROVIDED AT THE RECEPTACLE AS A GROUND FAULT TYPE RECEPTACLE UNLESS NOTED OTHERWISE. (NOTE THAT THE RECEPTACLES FOR THE OEP BOXES, THE KITCHEN/SERVING AREA, SERVING EQUIPMENT, AND THE CIRCUIT FOR THE FLY SYSTEM SHALL BE PROTECTED BY GROUND FAULT TYPE CIRCUIT BREAKERS RATHER THAN GROUND FAULT TYPE RECEPTACLES SINCE ISOLATED GROUNDING TYPE RECEPTACLES, AND CLOCK TYPE RECEPTACLES ARE NOT AVAILABLE AS GROUND FAULT TYPE.) GFCI BREAKERS REQUIRE A DEDICATED NEUTRAL (NOT SHARED) TO OPERATE PROPERLY.
- (IG) ISOLATED GROUND.
- (J) CONTROLLED BY INTERIOR LIGHTING RELAYS IN CONTROL PANEL T-500. LIGHTS SHALL TURN ON WHEN STORE IS OCCUPIED.
- (L) LOCK-ON.
- (LO) LOCK-OFF FOR MAINTENANCE.
- (SB) THRU (1) SB6100-02X-0 GFCI PROTECTION DEVICE IN SB6000 PANEL ENCLOSURE.
- (ST) SHUNT TRIP. INTERLOCK W/ ANSUL SYSTEM VIA T-500 PANEL.

**Branch Panel: C**

LOCATION: SUPPLY FROM: MDP  
MOUNTING: FLUSH  
ENCLOSURE: NEMA 1

VOLTS: 120/208 Wye  
PHASES: 3  
WIRES: 4

A.I.C. SERIES RATING: 65K/10K  
MANS TYPE: MLO  
MAINS RATING: 250 A  
MCB RATING:

NT	CKT	LOAD DESCRIPTION	TRIP	POLE	A	B	C	POLE	TRIP	LOAD DESCRIPTION	CKT	NT
J	1	KITCHEN LTG	20 A	1	0.895	1.920				20 A DOUBLE THAWING CABINET (444D)	2	
J	3	KITCHEN LTG	20 A	1		1.018	1.920			20 A SINGLE THAWING CABINET (444S)	4	
J	5	RESTROOM LTG & EF-4	20 A	1			1.216	0.244		20 A DROP CORD OUTLET	6	I
J	7	RESTROOM LTG	20 A	1	0.132	0.180				20 A DROP CORD OUTLET	8	I
J	9	SERVE AREA LTG	20 A	1		0.498	0.840			20 A SINGLE REFRIGERATOR (442WCT)	10	I
J	11	DINING AREA LTG	20 A	1			1.394	0.180		20 A DROP CORD OUTLET	12	I
	13	SPARE	20 A	1	0.000	0.240						



