



GENERAL POWER NOTES:

- P1: PROVIDE TRANSFORMER PAD IN ACCORDANCE WITH UTILITY REQUIREMENTS. COORDINATE THE EXACT LOCATION OF THE PAD MOUNTED TRANSFORMER AND UTILITY SERVICE POINT IN THE FIELD WITH THE UTILITY COMPANY. EXTEND 5" CONDUIT FROM TRANSFORMER TO UTILITY SERVICE POINT. ALL ELBOWS SHALL BE 90°.
- P2: THE GROUND ROD CLUSTER FOR THE SERVICE AREA SHALL CONSIST OF (1) 3/4" x 10'-0" CONCRETE ENCASED, COPPER CLAD STEEL GROUND RODS DRIVEN IN A DEEP CONFIGURATION AT LEAST ON CENTER BONDED TOGETHER WITH NO. 4/0 BARE COPPER. TOPS OF THE RODS SHALL BE 4" B.F.C. CONNECTION TO THE RODS SHALL BE WITH EXOTHERMIC WELDS.
- P3: ALL FEEDERS/BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG UNLESS NOTED OTHERWISE. WHERE CONDUCTOR AND RACEWAY SIZE ARE SHOWN AT TERMINI, SIZE INDICATED SHALL BE USED FOR THE ENTIRE LENGTH OF CIRCUIT. EXCEPTION: FINAL CONNECTION TO DEVICES IN OUTLET BOXES SHALL NOT BE REQUIRED TO BE LARGER THAN NO. 12 AWG.
- P4: WHEN A RECEPTACLE IS INDICATED TO BE MOUNTED ADJACENT TO A COMM/DATA/CATV OUTLET, THE DEVICE(S) SHALL BE MOUNTED WITH 1/4" CENTER-TO-CENTER.
- P5: WHERE LIGHT SWITCHES AND ABOVE-COUNTER RECEPTACLES ARE INDICATED TO BE MOUNTED ADJACENT TO EACH OTHER, THE DEVICES SHALL BE MOUNTED AT THE SAME HEIGHT UNDER A COMMON DEVICE PLATE.
- P6: OUTLET BOXES FOR SWITCHES, RECEPTACLES, ETC MOUNTED ON OPPOSITE SIDES OF FIRE RATED PARTITIONS SHALL NOT BE MOUNTED IN THE SAME WALL CAVITY. SEPARATE WALL PENETRATIONS BY MOUNTING ON OPPOSITE SIDES OF WALL STUDS OR OTHER VERTICAL STRUCTURAL MEMBER IN THE WALL.
- P7: PROVIDE AND INSTALL AN ENGRAVED LAMINATED PLASTIC NAMEPLATE ON EACH DISCONNECT SWITCH TO INDICATE THE DESIGNATION OF THE EQUIPMENT SERVED & THE BRANCH CIRCUIT SERVING THE EQUIPMENT.
- P8: INTERLOCK SHUNT TRIP BREAKERS ON ALL EQUIPMENT UNDER THE HOOD AND INTERLOCK THE GAS SOLENOID VALVE WITH THE KITCHEN HOOD SUPPRESSION SYSTEM TO CUT POWER TO EQUIPMENT AND CLOSE GAS SOLENOID VALVE WHEN THE SUPPRESSION SYSTEM IS TRIPPED.
- P9: PROVIDE NEMA CONFIGURATION RECEPTACLES TO MATCH PLUGS ON EQUIPMENT FURNISHED.
- P10: ALL 15A AND 20A 120V RECEPTACLES IN THE KITCHEN AND FOOD PREP AREAS SHALL HAVE GFCI PROTECTION WHETHER AT THE RECEPTACLE OR AT THE BREAKER.
- P11: COORDINATE GAS SOLENOID VALVE LOCATION WITH PLUMBING CONTRACTOR.

TAGGED NOTE:

- ① 4 GFI SINGLE RECEPTACLES MOUNTED VERTICALLY ON THE BUN WARMER RACK NEAR CORNER REAR SUPPORT ANGLES. FIELD VERIFY EXACT LOCATION PRIOR TO CONDUIT ROUGH-IN.
- ② VERIFY BUILDING SIGN LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN.
- ③ CONDUIT SHALL RUN FROM MOP TO FUTURE TRASH COMPACTOR LOCATION. FIELD VERIFY LOCATION OF FUTURE TRASH COMPACTOR PRIOR TO ROUGH-IN AND CIRCUIT TO PANEL 'A'. PROVIDE 2" CONDUIT WITH PULL STRING. CAP FOR FUTURE USE.
- ④ VERIFY MOUNTING HEIGHT WITH OWNER OR ARCHITECT PRIOR TO ROUGH-IN.
- ⑤ COORDINATE WITH OWNER OR ARCHITECT FOR REQUIREMENTS.
- ⑥ COORDINATE IN THE FIELD WITH OWNER/ARCHITECT THE EXACT LOCATION BEFORE ANY ROUGH-IN FOR THE FLY LAMPS.
- ⑦ LIGHTING CONTACTOR J-BOX LOCATED ABOVE CEILING AT ELECTRICAL PANELS.

RECEPTACLE MOUNTING HEIGHTS, UNLESS NOTED OTHERWISE:
 ALL KITCHEN RECEPTACLES AT 54" A.F.F.
 ALL CONVENIENCE RECEPTACLES AT 54" A.F.F.
 ALL POINT OF SALE RECEPTACLES AT 78" A.F.F.
 ALL FLY LAMP RECEPTACLES 72" A.F.F.
 ALL DIMMING RECEPTACLES AT 24" A.F.F.
 ALL MANAGERS DECK RECEPTACLES 64" A.F.F.

ALL EXTERIOR MENU BOARDS AND SIGNAGE TO BE CONTROLLED BY LIGHTING CONTACTOR LC-2 WITH MANUAL SWITCH OPERATION SEE DETAIL 2/E4

ELECTRICAL EQUIPMENT SCHEDULE

ITEM #	QUANTITY	DESCRIPTION	VOLTAGE	AMPS
5	2	WALK IN FREEZER CONDENSER	208/7#	25
5a	2	WALK IN FREEZER EVAP FAN	208/7#	15
7	3	(2) DOOR SANDWICH/ SALAD PREP UNIT	120/7#	7.2
10	3	35 LB GAS FRYERS	120/7#	4.3
11	1	HOOD WITH EXHAUST ANSUL SYSTEM	120/7#	-
12	2	WALK IN COOLER CONDENSER	208/7#	11.7
12a	2	WALK IN COOLER EVAP FAN	208/7#	12
13	3	CARBONATED BEVERAGE MACHINE W/ICE BIN	120/7#	4.6
15	1	ICE MACHINE W/ICE BIN	208/7#	18.4
15a	3	ICE MAKER CONDENSING UNIT	208/7#	18.4
17	1	MILK SHAKE MACHINE	(2) 208/3#	15.0
22	1	BUN WARMER	120/7#	13.7
23	1	STEAM TABLE	120/7#	7.7
24	1	(2) DOOR SANDWICH/ SALAD PREP UNIT	120/7#	7.2
26	1	TWO SIDED GRILL	120/7#	15.0
27	1	4 DRAWER SALAD/SANDWICH PREP	120/7#	3.0
31	2	DRINK MIXER	120/7#	7.2
42	1	QUESADILLA GRILL	120/7#	12.5

VERIFY ALL EQUIPMENT LOCATION AND CONNECTION REQUIREMENTS (I.E. VOLTAGE, PHASE, FLA, ETC) WITH KITCHEN EQUIPMENT DRAWINGS/SUBMITTALS BEFORE ACTUAL EQUIPMENT INSTALLED.



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Mk	Date	Description
		Revisions

ELECTRICAL POWER PLAN

Date: 06/13/19
 Drawn By: DAG
 Check By: DRP
 Job No.: 19-037
 Sheet:

E2