

KITCHEN EQUIPMENT ELECTRICAL SCHEDULE

NOTE: HEIGHT OF WIRING DEVICES FOR CONNECTION OF ALL KITCHEN ELECTRICAL EQUIPMENT SHALL BE PER KITCHEN EQUIPMENT ROUGH-IN DRAWING SUBMITTAL. (SEE DETAIL #1)

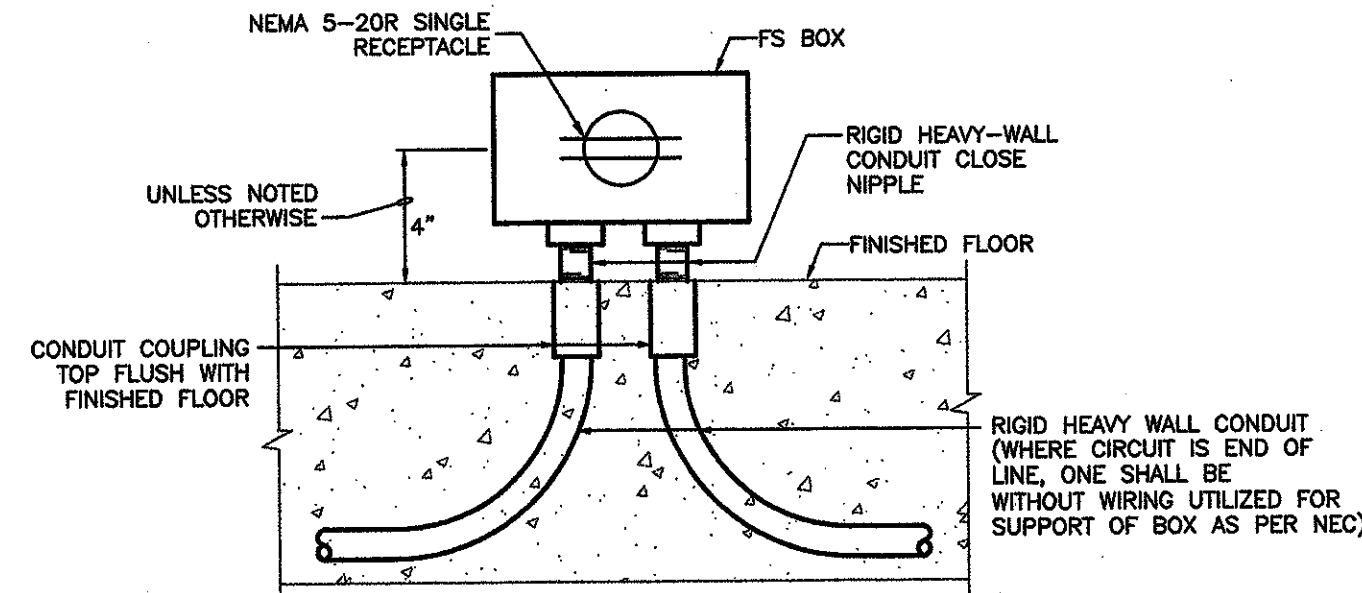
KITCHEN EQUIP. ROUGH-IN SCHED.	VOLTAGE (VOLTS)	PHASE	LOAD	CONDUCTORS	RACEWAY	ROUTED	CIRCUIT	OKT. BRK.	CONNECTION
3	120V	1	5.5A	2#12	3/4"	OVERHEAD	RK15	20A/1P	SEE SPECIFIC NOTE #5
3A	120V	1	5.5A	2#12	3/4"	OVERHEAD	RK16	20A/1P	SEE SPECIFIC NOTE #5
3B	208V	3	16A	3#10	3/4"	OVERHEAD	REMOTE	20A/3P	SEE SPECIFIC NOTE #6
4	208V	3	27.4A	3#8	1"	TO MEZZ	RK38	40A/3P	SEE SPECIFIC NOTE #7
10	120V	1	16A	2#12	3/4"	IN FLOOR	RK12,13	20A/1P	SINGLE RECEPT. 5-20R AT 50" AFF
11	120V	1	6A	2#12	3/4"	IN FLOOR	RK11	20A/1P	SINGLE RECEPT. 5-20R AT 50" AFF
12	120V	1	9.5A	2#12	3/4"	IN FLOOR	RK14	20A/1P	SINGLE RECEPT. 5-20R AT 50" AFF
15	480V	3	3A	2#12	3/4"	IN FLOOR	K1	15A/3P	JUNCTION BOX AT 24" AFF.
17	120V	1	13A	2#12	3/4"	IN FLOOR	RK42	20A/1P	SEE SPECIFIC NOTE #9
27	120/208V	3	50.0A	4#6	1"	OVERHEAD	RK37	50A/3P	SEE SPECIFIC NOTE #10
27A	120V	1	5A	3#12	3/4"	IN FLOOR	RK35,36	20A/1P	SEE SPECIFIC NOTE #11
31	480V	3	6.3A	4#12	3/4"	IN FLOOR	K2	15A/3P	JUNCTION BOX AT 24" AFF.
32	480V	3	30.6A	3#8	3/4"	IN FLOOR	K3	40A/3P	JUNCTION BOX AT 72" AFF.
32A	480V	3	40.1A	3#6	1"	IN FLOOR	K4	50A/3P	JUNCTION BOX AT 72" AFF.
36	120V	1	19.8A	2#12	3/4"	IN FLOOR	RK1-8	20A/1P	SINGLE RECEPT. 5-20R AT 50" AFF
36A	120V	1	19.8A	2#12	3/4"	IN FLOOR	RK9	20A/1P	SEE DETAIL #1.
37	120/208V	3	12.8	4#12	3/4"	IN FLOOR	RK39,40	30A/3P	J.B. AT 84" AFF. SEE SPECIFIC NOTE #12
40	480V	3	18.0A	4#10	1"	IN FLOOR	K5	30A/3P	JUNCTION BOX AT 50" AFF
41	120V	1	15.0A	2#12	3/4"	IN FLOOR	RK10	20A/1P	SINGLE RECEPT. 5-20R AT 50" AFF
46	120V	1	8.0A	2#12	3/4"	IN FLOOR	CRX1.2	20A/1P	SINGLE RECEPT. 5-20R AT 18" AFF
47	120V	1	8.1A	2#12	3/4"	IN FLOOR	CRX3	20A/1P	SGL RECEPT. 5-20R SEE SPECIFIC NOTE #13
48	120V	1	7.0A	2#12	3/4"	IN FLOOR	CRX4	20A/1P	SGL RECEPT. 5-20R SEE SPECIFIC NOTE #13
50	208V	1	11.7A	2#12	3/4"	IN FLOOR	CRX16	20A/2P	SINGLE RECEPT. 6-20R AT 50" AFF.
51	120V	1	11.3A	2#12	3/4"	IN FLOOR	CRX5	20A/1P	SINGLE RECEPT. 5-20R AT 50" AFF
52	120V	1	7.7A	2#12	3/4"	IN FLOOR	CRX6	20A/1P	SINGLE RECEPT. 5-20R AT 18" AFF
53	208V	1	20.0A	2#10	3/4"	IN FLOOR	CRX7	30A/2P	JUNCTION BOX AT 18" AFF.
54	120V	1	20.0A	2#12	3/4"	IN FLOOR	CRX7	20A/1P	SINGLE RECEPT. 5-20R AT 50" AFF
58	208V	1	11.9A	3#12	3/4"	IN FLOOR	CRX18	20A/2P	SEE SPECIFIC NOTE 16

KITCHEN EQUIPMENT ELECTRICAL SCHEDULE NOTES:

- REFER TO ARCHITECTURAL DRAWINGS (ENLARGED KITCHEN PLAN) FOR EXACT LOCATION AND ROUGH-IN REQUIREMENTS.
- PRIOR TO ROUGH-IN FOR FOOD SERVICE EQUIPMENT AND ORDERING ELECTRICAL EQUIPMENT, VERIFY THE EXACT ELECTRICAL REQUIREMENTS (AMPS, VOLTS, PHASE, CIRCUIT BREAKER, RECEPTACLE, SAFETY SWITCH, WIRING, RACEWAY, ETC.) OF THE ACTUAL EQUIPMENT TO BE INSTALLED. FURNISH AND INSTALL WIRING, RACEWAYS, BOXES, RECEPTACLES, SAFETY SWITCHES, CONNECTIONS, ETC. FOR A COMPLETE ELECTRICAL INSTALLATION OF THE FOOD SERVICE EQUIPMENT, WHICH IS PART OF THIS CONTRACT.
- PROVIDE SEALTITE CONNECTION FROM JUNCTION BOXES (J.B.'s) TO KITCHEN EQUIPMENT.
- ALL RECEPTACLES (INCLUDING THOSE REQUIRED BY KITCHEN EQUIPMENT SCHEDULE) TO BE LOCATED IN THE KITCHEN AREA SHALL BE GFI TYPE AS REQUIRED BY NEC 210.8.5.3.
- CONTRACTOR SHALL COORDINATE THE FABRICATION OF HOOD-SIDE CABINETS TO ASSURE THAT THE MAGNETIC STARTERS FOR FANS AND FIRE SUPPRESSION SYSTEMS FIT PROPERLY.
- REQUIRED GREEN EQUIPMENT GROUNDING CONDUCTOR IS NOT INCLUDED IN THE KITCHEN EQUIPMENT ELECTRICAL SCHEDULE.
- REFER TO UNIVERSAL DISTRIBUTION SYSTEM DRAWINGS FOR ADDITIONAL ROUGH IN REQUIREMENTS.

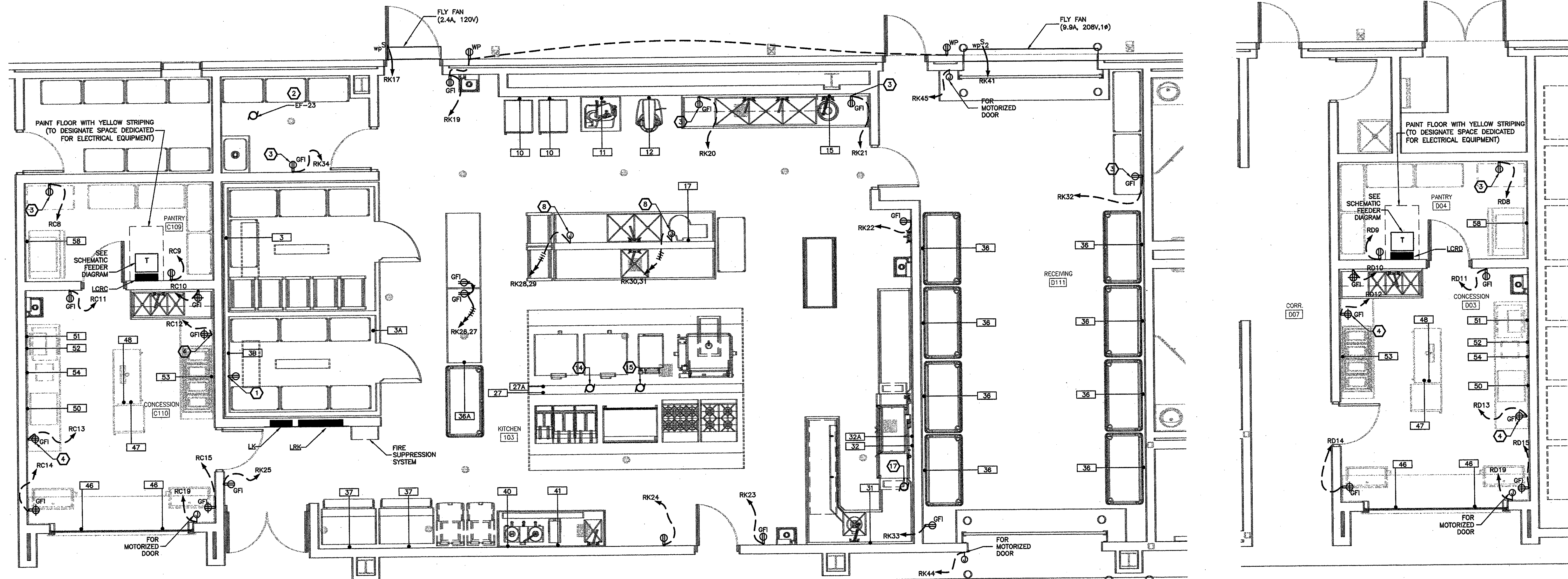
SPECIFIC NOTES:

- FOR COIL DRAIN LINE HEATER INSIDE FREEZER ROOM.
- EXHAUST FAN WITH FRACTIONAL HORSEPOWER MOTOR. PROVIDE NECESSARY RELAYS AND CONTACTORS TO CONTROL EXHAUST FAN WITH AUTOMATIC LIGHTING SHUTOFF DEVICE IN ROOM.
- RECEPTACLE AT 24" AFF.
- RECEPTACLE AT 50" AFF.
- INSTALL LIGHTING FIXTURES AND HEATERS (FURNISHED WITH EQUIPMENT) INSIDE WALK-IN FREEZER/COOLER. PROVIDE CIRCUIT INDICATED INCLUDING JUNCTION BOXES SWITCH FOR LIGHT FIXTURE AND WIRING FOR LIGHT FIXTURE, HEATERS AND TEMPERATURE CONTROL ALARM. PROVIDE WIRING IN RACEWAYS AS NECESSARY. PROVIDE TOGGLE SWITCH AS DISCONNECT FOR EVAPORATOR COIL. REFER TO KITCHEN PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- DIRECT CONNECTION TO EVAPORATOR INTEGRAL ON/OFF SWITCH EXTENDED FROM REMOTE CONDENSER UNIT LOCATED ON MEZZANINE LEVEL. ALSO PROVIDE 6#14, 1#12(G) IN 1" TO ASSOCIATED DEFROST TIME CLOCK. PROVIDE 20A,3P,NF SAFETY SWITCH ABOVE WALK IN FREEZER.
- ROUTE CIRCUIT TO SAFETY SWITCH FURNISHED WITH WALK-IN FREEZER CONDENSING PACKAGE UNIT LOCATED ON MEZZANINE LEVEL.
- PROVIDE JUNCTION BOX AT 6" AFF IN PREPARATION COUNTER UNIT. PROVIDE WIRING IN RACEWAY FURNISHED WITH PREPARATION COUNTER UNIT TO (2) GFI PROTECTED DUPLEX RECEPTACLES FURNISHED WITH PREPARATION COUNTER UNIT. ONE DUPLEX RECEPTACLE PER CIRCUIT.
- PROVIDE JUNCTION BOX AT 6" AFF IN PREPARATION COUNTER UNIT. PROVIDE WIRING IN RACEWAY FURNISHED WITH PREPARATION COUNTER UNIT TO RECEPTACLE FURNISHED WITH PREPARATION COUNTER UNIT FOR FOOD CUTTER EQUIPMENT.
- CONNECT TO 50A/3P SHUNT TRIP MAIN BREAKER FURNISHED WITH UTILITY DISTRIBUTION SYSTEM. PROVIDE 3#12 FROM FIRE PROTECTION SYSTEM MICROSWITCH TO UDS (FOR SHUNT TRIP AND GAS SHUT OFF).
- PROVIDE (2) 120V CIRCUITS FOR KITCHEN HOOD. ONE CIRCUIT TO HOOD LIGHTS AND ONE FOR HOOD CONTROLS. PROVIDE (4) CONTROL WIRES FROM VENTILATOR CONTROL PANEL TO MAGNETIC STARTERS FOR SUPPLY AND EXHAUST FANS. (VERIFY LOCATION).
- PROVIDE (30A, 2P, NEMA-3R, FUSED AT 20A) ON EXTERIOR WALL OF MEZZANINE LEVEL NEAR TO REMOTE CONDENSING UNIT WITH PROPER CODE CLEARANCE. EXTEND 2#10 1#10(G), IN 3/4" FROM ICE MACHINE TO REMOTE CONDENSING UNIT. ROUTE CIRCUIT THROUGH SAFETY SWITCH TO CONDENSING UNIT.
- PROVIDE 4S BOX FLUSH WITH CEILING WITH BLANK COVER. EXTEND 4' OF 'SO' CORD (3#12) USING KELLEMS GRIP FROM BOX TO SINGLE 5-20R RECEPTACLE IN SINGLE GANG BOX.
- EXHAUST FAN EF-28 (5HP, 480V, 3Ø) WITH NEMA 3R DISCONNECT (PROVIDED BY DIVISION 15) LOCATED ON ROOF. PROVIDE 3#10, 1#10(G) IN 3/4" FROM FAN THROUGH STARTER (PROVIDED UNDER DIVISION 15) IN UTILITY DISTRIBUTION SYSTEM (VERIFY LOCATION).
- SUPPLY FAN SF-1 (5HP, 480V, 3Ø) WITH NEMA 3R DISCONNECT. (PROVIDED BY DIVISION 15) LOCATED ON ROOF. PROVIDE 3#10, 1#10(G) IN 3/4" FROM FAN THROUGH STARTER (PROVIDED UNDER DIVISION 15) IN UTILITY DISTRIBUTION SYSTEM (VERIFY LOCATION).
- PROVIDE JUNCTION BOX AT 84" AFF. ROUTE 2#10, 1#10(G) IN 3/4" TO REMOTE CONDENSER LOCATED ON MEZZANINE LEVEL. PROVIDE 30A,2P,NEMA 3-R,NF SAFETY SWITCH ON EXTERIOR WALL NEAR CONDENSING UNIT ON MEZZANINE LEVEL.
- DISHWASHER FAN EF-27, (1/4HP, 115V) WITH INTEGRAL DISCONNECT. (PROVIDED BY DIVISION 15) LOCATED ON ROOF. PROVIDE CONTROL WIRING FROM FAN TO DISHWASHER FOR VENT FAN CONTROL.



DETAIL #1

NOT TO SCALE



POWER KITCHEN PLAN

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



GVA PROJECT NO 2910
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 E_PWR
 LAST REVISION
 01-13-10
 PLOT DATE
 01-13-10
 PLOT SCALE
 1=1

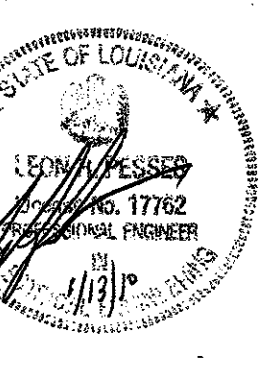
GVA ENGINEERING, L.L.C.
 PROJECT No. 2910

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KITCHEN FLOOR PLAN - POWER
 VAL RISS PARK
 MULTI-PURPOSE BUILDING
 ST. BERNARD PARISH, OWNER

MEYER ENGINEERS, LTD.
 ENGINEER & ARCHITECT

project no. 20-0801
 GVT
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 date 01.15.2010
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