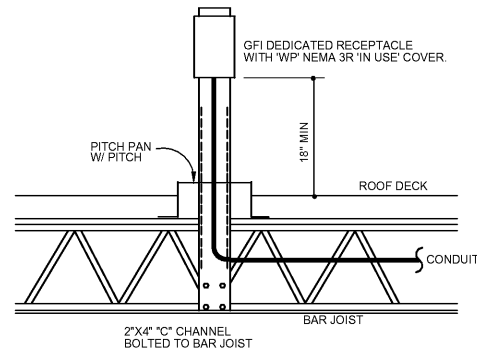
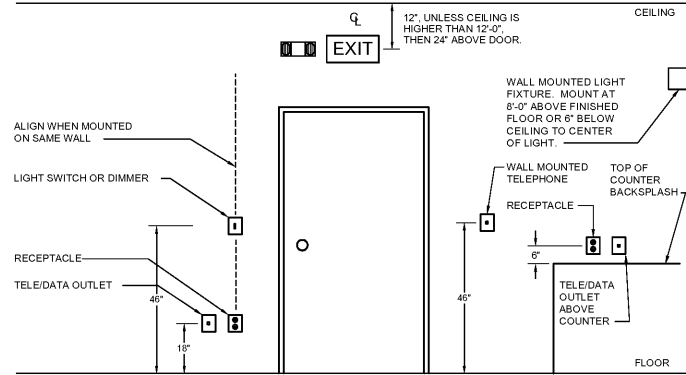


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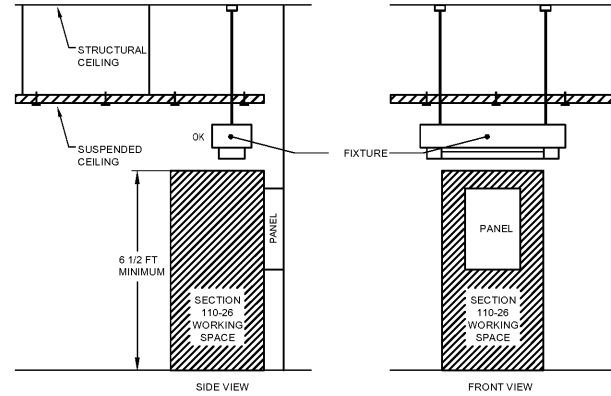
1 ROOFTOP RECEPTACLE DETAIL

E3.01 NO SCALE



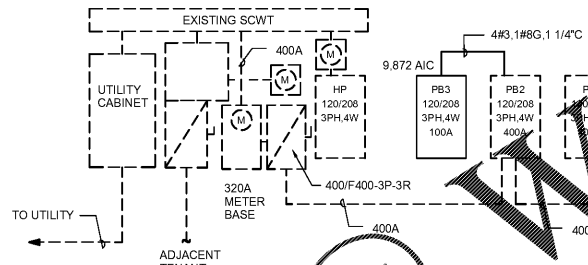
4 DEVICE MOUNTING ELEVATION

E3.01 NO SCALE



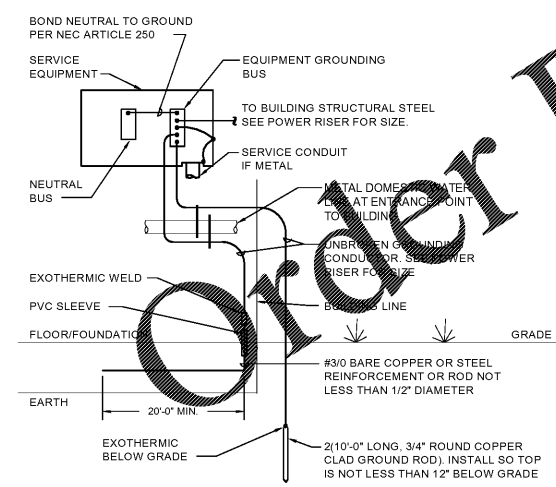
2 WORKING CLEARANCE FOR ELECTRICAL EQUIPMENT

E3.01 NEC ARTICLE 110.26



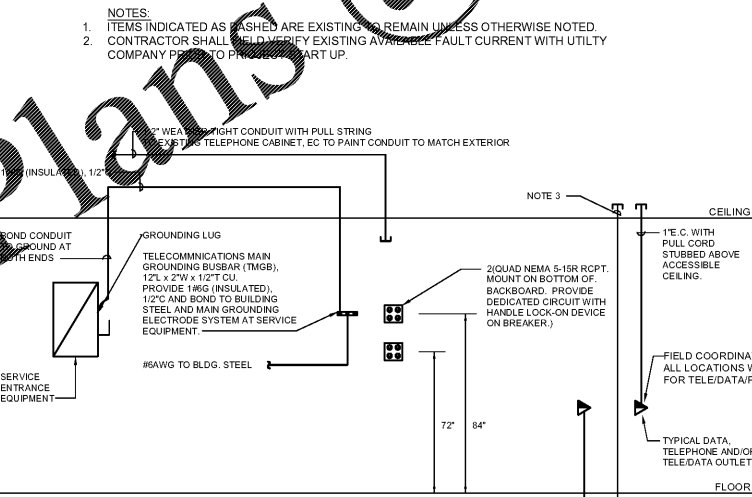
5 POWER RISER DIAGRAM

E3.01 NO SCALE



3 SERVICE GROUNDING DETAIL

E3.01 NO SCALE



6 TELEPHONE RISER DIAGRAM

E3.01 NO SCALE

PANELBOARD SCHEDULE - 'PB'

CRKT	BKR	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LG (FT)	REC (MTR)	A/C (HT)	HT (FT)	HT (MTR)	MISC	DESCRIPTION	SIZE	TRIP	CRKT #
1	25	EX	12	1/2"	EX	DINING LIGHTS							DINING LIGHTS	1/2"	12	EX 20 2
3	25	EX	12	1/2"	EX	DINING LIGHTS							HALL LIGHTS	1/2"	12	EX 20 4
5	25	EX	12	1/2"	EX	CASH STATION							DINING SVG LTS	1/2"	12	EX 20 6
7	25	EX	12	1/2"	EX	REST ROOM LITS	0.2	0.3					KITCHEN LITS	1/2"	12	EX 20 8
9	25	EX	12	1/2"	EX	FLOOD LITS							SIGN ON BLG	1/2"	12	EX 20 10
11	25	EX	12	1/2"	EX	TIME CLOCK							KIDS SYSTEM	1/2"	12	EX 20 12
13	25	EX	EX	EX	EX	SHOW WINDOW REC	1.2						0.5 WATER HEATER	1/2"	12	EX 20 14
15	25	EX	EX	EX	EX	SHOW WINDOW REC	1.2						TV RECEPITS	1/2"	12	EX 20 16
17	25	EX	EX	EX	EX	SHOW WINDOW REC	1.2						GEN/RECEPTION	1/2"	12	EX 20 18
19	25	EX	EX	EX	EX	SHOW WINDOW REC	1.2						PATIO LITS	1/2"	12	EX 20 20
21	25	EX	EX	EX	EX	SHOW WINDOW REC	1.2						1.0 KIDS SYSTEM	1/2"	12	EX 20 22
23	25	EX	EX	EX	EX	COMP DESK (CO)	1.0						1.0 KIDS SYSTEM	1/2"	12	EX 20 24
25	25	EX	EX	EX	EX	RTU-1 RECEPTION	0.4						1.0 KIDS SYSTEM	1/2"	12	EX 20 26
27	25	EX	EX	EX	EX	SPARE							1.0 POS	1/2"	12	EX 20 28
29	20	1	12	1/2"	EX	OPEN MERCH (29) *							1.0 POS	1/2"	12	EX 20 30
31	20	1	12	1/2"	EX	BVG DISP (30) *							1.0 POS	1/2"	12	EX 20 32
33	20	1	12	1/2"	EX	DWH *							RTU-2	1/2"	12	EX 20 34
35	20	EX	12	1/2"	EX	LIGHTING	1.2						RTU-2	1/2"	12	EX 20 36
37	20	EX	EX	EX	EX	RTU-1							RTU-2	1/2"	12	EX 20 38
39	20	EX	EX	EX	EX	RTU-1							0.5 WATER HEATER	1/2"	12	EX 20 40
41	20	EX	EX	EX	EX	RTU-1							SPACE ONLY			EX 20 42
43	20	EX	EX	EX	EX	NO SPACE							SPACE ONLY			EX 20 44
45	20	EX	EX	EX	EX	NO SPACE							SPACE ONLY			EX 20 46
47	20	EX	EX	EX	EX	NO SPACE							SPACE ONLY			EX 20 48

PANELBOARD SCHEDULE - 'PB2'

CRKT	BKR	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LG (FT)	REC (MTR)	A/C (HT)	HT (FT)	HT (MTR)	MISC	DESCRIPTION	SIZE	TRIP	CRKT #
1	20	EX	EX	EX	EX	WALK IN COOLER LITS	1.2						0.2 TIMER	1/2"	12	EX 20 2
3	20	EX	EX	EX	EX	PRINTER							1.0 KIDS SYSTEM	1/2"	12	EX 20 4
5	20	EX	EX	EX	EX	PRINTER							SHUNT TRIP SPACE			EX 20 6
7	15	1	12	1/2"	EX	UC REF (45) *										EX 20 8
9	20	EX	EX	EX	EX	EXHAUST HOOD	1.2						OVEN (27) (8T)	1/2"	12	EX 20 10
11	20	EX	EX	EX	EX	UC FREEZER (47) *										EX 20 12
13	20	EX	EX	EX	EX	WARMING CAB (37)							1.5 HEAT CAB (11) *	1/2"	12	EX 20 14
15	20	EX	EX	EX	EX	PIZZA PNB (40) *							0.8 UC REFRIG (8) *	1/2"	12	EX 20 16
17	20	EX	EX	EX	EX	PIZZA PNB (40) *							HOT FOOD (41) *	3/4"	10	EX 20 18
19	20	EX	EX	EX	EX	REF. (39) *										EX 20 20
21	20	EX	EX	EX	EX	REF. (39) *							FRY CHR (28.1) *	3/4"	10	EX 20 22
23	20	EX	EX	EX	EX	REF. (39) *							COOLER COMP (18.2) *	1/2"	12	EX 20 24
25	20	EX	EX	EX	EX	RICE COOKER (13) *										EX 20 26
27	20	EX	EX	EX	EX	RICE COOKER (13) *										EX 20 28
29	20	EX	EX	EX	EX	ICE MACHINE (58) *	1.0						1.3 ICE MACHINE (23) *	1/2"	12	EX 20 30
31	20	EX	EX	EX	EX	SPARE							1.0 CARBONATORS	1/2"	12	EX 20 32
33	20	EX	EX	EX	EX	SPARE							SPARE			EX 20 34
35	20	EX	EX	EX	EX	HOOD							COMBI OVEN (26) *	1/2"	12	EX 20 36
37	15	3	EX	EX	EX	HOOD							RICE COOKER (13) *	1/2"	12	EX 20 38
39	20	EX	EX	EX	EX	HOOD							COOLER COND.	EX	EX	EX 20 40
41	20	EX	EX	EX	EX	FRENCH FRY (28) *										EX 20 42
43	20	EX	EX	EX	EX	EXISTING EQUIP.										EX 20 44
45	20	EX	EX	EX	EX	SHUNT TRIP							SPACE ONLY			EX 20 46
47	20	EX	EX	EX	EX	SHUNT TRIP							SPACE ONLY			EX 20 48
49	15	1	12	1/2"	EX	UC REF (45) *										EX 20 50
51	40	2	EX	3/4"	EX	UC DISHWASH (53)							PANEL 'PB'	1 1/4"	3	EX 20 52
53	20	EX	EX	EX	EX	UC DISHWASH (53)										EX 20 54

NEW PANELBOARD SCHEDULE - 'PB3'

CRKT	BKR	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LG (FT)	REC (MTR)	A/C (HT)	HT (FT)	HT (MTR)	MISC	DESCRIPTION	SIZE	TRIP	CRKT #
1	20	1	12	1/2"	EX	COOLER LITS (18)	1.2						0.5 HOOD EXHAUST (28.2)	1/2"	12	EX 15 4
3	20	1	12	1/2"	EX	COOLER EVAP (18.1)							0.5			EX 15 6
5	20	1	12	1/2"	EX	SPARE							0.5			EX 15 8
7	20	1	12	1/2"	EX	SPARE							0.5			EX 15 10
9	20	1	12	1/2"	EX	SPARE							0.5			EX 15 12
11	20	1	12	1/2"	EX	SPARE							0.5			EX 15 14
13	20	1	12	1/2"	EX	SHUNT TRIP SPACE										EX 15 16
15	20	1	12	1/2"	EX	HOOD LITS (28.1)	1.2									EX 15 18
17	20	1	12	1/2"	EX	FIRE SUP (28.3)	1.2									EX 15 20
19	20	1	12	1/2"	EX	SPARE										EX 15 22
21	20	1	12	1/2"	EX	SPARE										EX 15 24
23	20	1	12	1/2"	EX	SPARE										EX 15 26

PNL 'PB2' DEMAND CALCS

LIGHTING	4.80	KV/X	125 % =	6.0 KVA
RECEPTAC TOTAL	0.00	KVA		
1ST	19.00	KV/X	100 % =	0.0 KVA
REMAIN	0.00	KV/X	50 % =	0.0 KVA
MOTORS	1.00	KV/X	100 % =	1.0 KVA
A/C	3.19	KV/X	100 % =	3.2 KVA
HEATING	1.89	KV/X	100 % =	1.7 KVA
LOCKED-OUT LOAD	0.00	KV/X	100 % =	0.0 KVA
KITCHEN	20.17	KV/X	65 % =	13.1 KVA
MISCELLANEOUS	23.06	KV/X	100 % =	23.1 KVA
TOTAL	48.12	amps		48.1 KVA

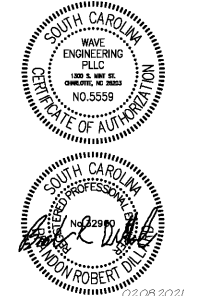
PNL 'PB' DEMAND CALCS

LIGHTING	15.30	KV/X	125 % =	19.1 KVA
RECEPTAC TOTAL	2.68	KVA		
1ST	19.00	KV/X	100 % =	2.7 KVA
REMAIN	0.00	KV/X	50 % =	0.0 KVA
MOTORS	1.30	KV/X	100 % =	1.3 KVA
A/C	26.30	KV/X	100 % =	26.3 KVA
HEATING	1.69	KV/X	100 % =	1.7 KVA
LOCKED-OUT LOAD	0.00	KV/X	100 % =	0.0 KVA
KITCHEN	20.17	KV/X	65 % =	13.1 KVA
MISCELLANEOUS	33.24	KV/X	100 % =	33.2 KVA
TOTAL	70.50	amps		70.5 KVA

PB3 DEMAND CALCS

LIGHTING	2.40	KV/X	125 % =	3.0 KVA
RECEPTAC TOTAL	0.00	KVA		
1ST	19.00	KV/X	100 % =	0.0 KVA
REMAIN	0.00	KV/X	50 % =	0.0 KVA
MOTORS	0.00	KV/X	100 % =	0.0 KVA
A/C	1.50	KV/X	100 % =	1.5 KVA
HEATING	0.60	KV/X	100 % =	0.0 KVA
LOCKED-OUT LOAD	0.00	KV/X	100 % =	0.0 KVA
KITCHEN	3.00	KV/X	65 % =	2.0 KVA
MISCELLANEOUS	0.20	KV/X	100 % =	0.2 KVA
TOTAL	15.50	amps		6.7 KVA

d3 studio
PLANNING + ARCHITECTURE + INTERIORS
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CHARLOTTE, NC 28205
WEBSITE :: WWW.D3STUDIO.COM



FOR CONSTRUCTION

Viva Chicken.
PERUVIAN ROTISSERIE JOINT
1139 WOODRUFF RD.
-SUITE B
GREENVILLE, SC
29607

REVISION

no	date	comment
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DRAWN BY: GKG
CHECKED BY: BRD
SUBMITTAL DATE: 02.08.2021
PROJECT NUMBER: 02-2031

RISERS, DETAILS, & PANEL SCHEDULES

E3.01