FILE NAME: J:\... RESTAURANT\2515 - Gonzos Smoke House\Current Drawings\E103 - Panel Sched Riser.dwg - PLOT DATE & TIME: Wednesday, September 3, 2025 3:45:50 PM

PANEL SCHEDULE

PANEL: C100 (EXISTING) — VOLTAGE: 120/208V, 100A, 3Φ, 4W W/100A MB
LOCATION: — ENCLOSURE: SURFACE MOUNTED
FEEDER SOURCE:

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1							1.5	1	20	DINING OUTLETS	12	2
3	-	MAIN BREAKER	100	3			0.6					4
5							0.6	3	15	Hood System; EF-1, 1HP	12	6
7					1.0		0.6					8
9	12	Hood System; Make Up Air, 1.5 HP SHUNT TRIP BREAKER	15	3	1.0		0.6					10
11					1.0		0.6	3	15	Hood System; EF-2, 1HP	12	12
13	12	Hood Controller	20	1	1.2		0.6					14
15	12	PREP TABLE	20	1	1.0		1.5	1	20	MENU BOARD OUTLET	12	16
17	12	GRINDER PUMP & OUTLETS	20	1	1.5		1.5	1	20	MENU BOARD OUTLET	12	18
19	12	LIGHTS	20	1	1.0		1.5	1	20	EXTERIOR SIGN OUTLET	12	20
21	12	LIGHTS	20	1	1.0		2.3					22
23	-	BIG ASS FAN	20	1	1.2		2.3	2	30	HOT WATER HEATER	10	24
25	-	SPARE	20	1	-		4.6			HVAC AHU #2 INSTALL BREAKER TO MATCH UNIT INSTALLED		26
27	-	SPARE	20	1	-		4.6	2	50		12	28
29	-	SPARE	20	1	-		3.7			HVAC CU #2 INSTALL BREAKER TO MATCH UNIT INSTALLED		30
31	-	SPARE	20	1	-		3.7	2	50		12	32
33	-	SPARE	20	1	-		-	1	20	SPARE	-	34
35	-	SPARE	20	1	-		-	1	20	SPARE	-	36
37	-	SPARE	20	1	-		-	1	20	SPARE	-	38
39	-	SPARE	20	1	-		-	1	20	SPARE	-	40
41	-	SPARE	20	1	-		-	1	20	SPARE	-	42

SOLID NEUTRAL NEUTRAL WIRE (N) — TOTAL CONNECTED LOAD = 40.7kva — GROUND BUS GROUND WIRE (G)

AΦ = 15.7kva | BΦ = 12.6kva | CΦ = 12.4kva

PANEL SCHEDULE

PANEL: C200 (EXISTING) — VOLTAGE: 120/208V, 200A, 3Φ, 4W W/200A MB
LOCATION: — ENCLOSURE: SURFACE MOUNTED
FEEDER SOURCE:

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ BΦ CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1	12	Merch Freezer, Item #1	20	1	1.3		1.3	1	20	Merch Freezer, Item #2	12	2
3					1.9		0.7	1	15	Sandwich Prep Refrig, Item #4	12	4
5	10	Hot Food Serving Counter/Table, , Item #3	25	2	1.9		1.1	1	15	Refrig Display Case, Item #5	12	6
7	10	Warming Cabinet, Item #6-1	25	1	2.0		2.0	1	25	Warming Cabinet, Item #6-2	12	8
9	10	Warming Cabinet, Item #7	25	1	2.0		0.8	1	15	Reach-in Refrig , Item #8	12	10
11					6.5		0.6					12
13		Top convection oven, , Item #9-1	60	3	6.5		0.6	2	15	Bottom convection oven, Item #9-2	12	14
15					6.5		0.5	1	15	Refrig Base, Item #12	12	16
17	12	Walk-In Cooler Lights, Item #13-2	20	1	1.0		2.1					18
19	10	Walk-In Cooler Comp, Item #13-1	30	2	3.1		2.1	2	25	Walk-In Cooler Defrost, Item #13-2	10	20
21					3.1		0.3	1	15	Drink Cooler, Item #14	12	22
23	12	Sausage Stuffer, Item #15	15	2	0.9		1.0					24
25					0.9		1.0	2	15	PORTABLE SAUSAGE STUFFER	12	26
27	-	SPARE	20	1	-		-	1	20	SPARE	-	28
29	-	SPARE	20	1	-		-	1	20	SPARE	-	30
31	-	SPARE	20	1	2.6		-	1	20	SPARE	-	32
33	12	HVAC AHU #1 INSTALL BREAKER TO MATCH UNIT INSTALLED	30	3	2.6		-	1	20	SPARE	-	34
35					2.6		-	1	20	SPARE	-	36
37					4.2		-	1	20	SPARE	-	38
39	12	HVAC CU #1 INSTALL BREAKER TO MATCH UNIT INSTALLED	50	3	4.2		-	1	20	SPARE	-	40
41					4.2		-	1	20	SPARE	-	42

SOLID NEUTRAL NEUTRAL WIRE (N) — TOTAL CONNECTED LOAD = 72.1kva — GROUND BUS GROUND WIRE (G)

AΦ = 27.6kva | BΦ = 22.6kva | CΦ = 21.9kva

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

STATE OF LOUISIANA — BRIAN A. MISTICH License No. 30187 — PROFESSIONAL ENGINEER

RESTAURANT
GONZOS SMOKEHOUSE & BBQ
13848 RIVER RD
LULING, LA 70070

JOB No:	2515	DATE:	09/03/2025
DRAWN BY:	DD/JTL	CHECKED BY:	BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER:
E103

SHEET No: 14 of 14