FILE NAME: J:\... RESTAURANT\2515 - Gonzos Smoke House\Current Drawings\E103 - Panel Sched Riser.dwg PLOT DATE & TIME: Monday, September 8, 2025 8:39:37 AM

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 (W) | 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 (W) | TOTAL CONNECTED LOAD = 72.1kva | GROUND BUS GROUND WIRE (G)

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

ONE LINE DIAGRAM

SCALE: N.T.S.

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:

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

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

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER:

E103

SHEET No: 14 of 14