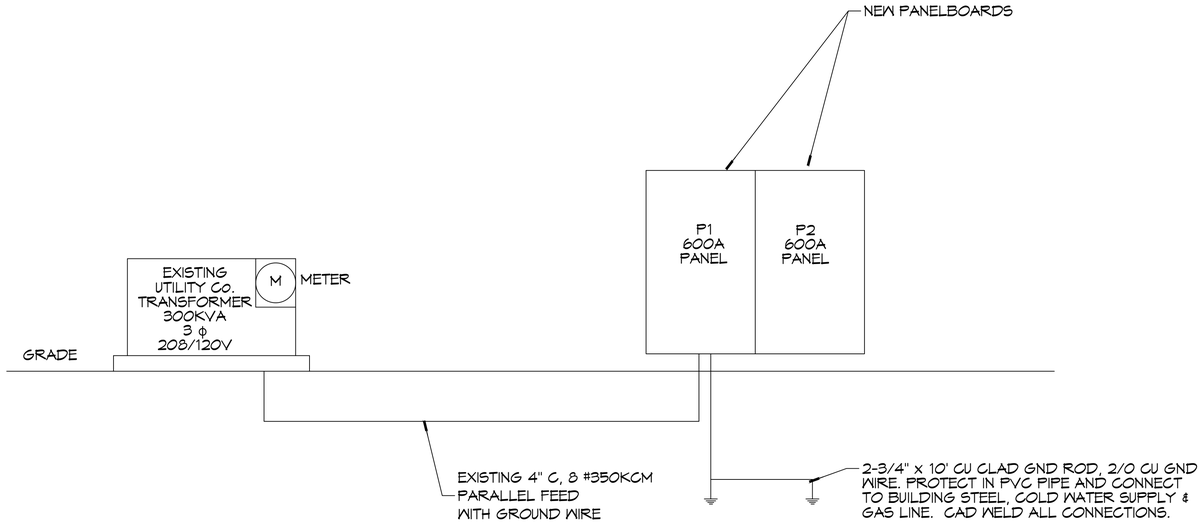

RISER DIAGRAM

SCALE: NTS

ELECTRICAL LOAD SUMMARY

POWER COMPANY:	CLECO				
PROJECT NAME:	THE BLAKK LOUNGE RESTAURANT AND BAR				
PROJECT ADDRESS:	2504 OLD SPANISH TRAIL				
CITY TOWN:	SLIDELL, LOUISIANA 70461				
INTENDED USER:	RESTAURANT				
REQUIRED SERVICE:	208/120 VOLTS	3 PHASE	4 WIRE		
SERV ENTR SIZE:	600 AMPS				
HVAC TONNAGE:	45 TONS				
LARGEST MOTOR:	HP	NOTE: MOTORS ABOVE 20 HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE WITH 240/120V, 1 PH, 3 W SERVICE			
TOTAL BUILDING SQUARE FOOTAGE:	S.F.				
INDIVIDUAL UNIT SQUARE FOOTAGE:	S.F.				
INDIVIDUAL UNIT DESIGNATION:	(MULT OCCUPANCY)				

LOAD SOURCE	1Φ KVA	3Φ KVA	OR	1Φ KVA	3Φ KVA
BUILDING LIGHTING		12.5			
ELECTRIC WATER HEATING		0.0			
HEAT PUMPS		0.0			
SUPPLEMENTAL HEAT SYSTEMS		0.0			
AIR COND CONDENSING UNITS		70.7			
ELEC HEATING (PRIMARY) AHU'S		GAS			
COOKING		GAS			
REFRIGERATION		5.3			
RECEPTACLES (STANDARD)		14.9			
RECEPTACLES (COMPUTER)		N/A			
TOTAL MOTORS (EXCLUDE HVAC)		N/A			
EXTERIOR LIGHTING		1.6			
MISCELLANEOUS - CEILING FANS		0.0			
OTHER		10.4			
TOTAL CONNECTED LOAD		115.4			

PANEL SCHEDULE

PANEL: P1 — INTERRUPTING RATING: 35 KAIC — VOLTAGE: 208/120V, 600A, 3Φ, 4W NVMAN CIRCUIT BREAKER
LOCATION: EQUIPMENT ROOM — ENCLOSURE: BOTTOM FEED, FLUSH MOUNTED W/ EQUIPMENT GND BAR SQUARE-D I-LINE
FEEDER SOURCE: UTILITY

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	MINI SPLIT	15	2	1000		1600	1	20	PARKING LOT LIGHTS	#12	2
3					1000		1200	1	20	DISH WASHER	#12	4
5		SPARE	20	1			1200	1	20	ICE MAKER	#12	6
7		SPARE	20	1				1	20	SPARE		8
9		SPARE	20	1				1	20	SPARE		10
11		SPARE	20	1				1	20	SPARE		12
13		SPARE	20	1				1	20	SPARE		14
15		SPARE	20	1				1	20	SPARE		16
17		SPARE	20	1				1	20	SPARE		18
19		SPARE	20	1								20
21		SPARE	20	1				3	200	FUTURE BUILDING	#4/0	22
23		SPARE	20	1								24
25					9000		1000					26
27	#2	RTU-1	100	3	9000		1000	3	20	KITCHEN EXHAUST FAN KEF-1	#12	28
29					9000		1000					30
31					9000		450					32
33	#2	RTU-2	100	3	9000		450	3	15	KITCHEN MAKE UP AIR FAN	#12	34
35					9000		450					36
37					2800		2040					38
39	#10	RTU-3	20	3	2800		2040	3	30	KITCHEN MAKE UP AIR CONDENSER UNIT	#10	40
41					2800		2040					42

SOLID NEUTRAL — NEUTRAL WIRE (N) — TOTAL CONNECTED LOAD (VA) = 79,320 — GROUND BUS — GROUND WIRE (G)

AΦ = 28,940 | BΦ = 28,040 | CΦ = 23,340

PANEL SCHEDULE

PANEL: P2 — INTERRUPTING RATING: 35 KAIC — VOLTAGE: 208/120V, 600A, 3Φ, 4W NVMAN LUGS
LOCATION: EQUIPMENT ROOM — ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE-D I-LINE
FEEDER SOURCE: UTILITY

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	RECEPTACLES, MECHANICAL ROOM	20	1	540		1500	1	20	REACH IN REFRIGERATOR, KITCHEN	#12	2
3	#12	RECEPTACLES, STAFF WAT AREA AND BAR BACK	20	1	1080		1500	1	20	REACH IN FREEZER, KITCHEN	#12	4
5	#12	RECEPTACLE, DISH WASHER, WEST BAR	20	1	1000		900	1	20	RECEPTACLES, KITCHEN	#12	6
7	#12	RECEPTACLE, POS, WEST BAR	20	1	1000		540	1	20	RECEPTACLES, KITCHEN	#12	8
9	#12	RECEPTACLE, REFRIGERATOR, WEST BAR	20	1	1000		1000	1	20	RECEPTACLE, POS, EAST BAR	#12	10
11	#12	RECEPTACLE, REFRIGERATOR, WEST BAR	20	1	1000		1000	1	20	RECEPTACLE, DISH WASHER, EAST BAR	#12	12
13	#12	RECEPTACLE, BEER BOX, WEST BAR	20	1	320		1000	1	20	RECEPTACLE, EAST BAR	#12	14
15	#12	RECEPTACLE, ICE MACHINE, WEST BAR	20	1	1000		1000	1	20	RECEPTACLE, ICE MACHINE, EAST BAR	#12	16
17	#12	RECEPTACLES, STAGE	20	1	1080		1000	1	20	RECEPTACLE, EAST BAR	#12	18
19	#12	RECEPTACLE, SOUND ROOM	20	1	1080		1000	1	20	RECEPTACLE, EAST BAR	#12	20
21	#12	RECEPTACLE, SOUND ROOM	20	1	1080		320	1	20	RECEPTACLE, BEER BOX, EAST BAR	#12	22
23	#12	RECEPTACLE, SOUND ROOM	20	1	1080		1000	1	20	RECEPTACLE, REFRIGERATOR, EAST BAR	#12	24
25	#12	RECEPTACLES, REST ROOMS	20	1	540		1000	1	20	RECEPTACLE, REFRIGERATOR, EAST BAR	#12	26
27	#12	RECEPTACLES, WEST WALL	20	1	360		1000	1	20	LIGHTS NORTHWEST GORNER AND WEST BAR	#12	28
29	#12	RECEPTACLES, SOUTHWEST	20	1	360		150	1	20	LIGHTS SOUTHWEST GORNER AND THIS ROOM	#12	30
31	#12	RECEPTACLES, CEILING MOUNT TVS	20	1	360		1700	1	20	LIGHTS MAIN DINNG ROOM	#12	32
33	#12	RECEPTACLES, CEILING MOUNT TVS	20	1	360		400	1	20	LIGHTS FOYER AND PORCH	#12	34
35	#12	RECEPTACLE, WATER FALL FEATURE	20	1	500		900	1	20	LIGHTS EAST BAR	#12	36
37	#12	RECEPTACLES, SOUTHEAST	20	1	540		1200	1	20	LIGHTS STAGE	#12	38
39	#12	GFI RECEPTACLE, ON ROOF	20	1	540		1500	1	20	LIGHTS BATHROOM	#12	40
41	#12	RECEPTACLE, COOLER EAST BAR.	20	1	540		500	1	20	LIGHTS KITCHEN	#12	42

SOLID NEUTRAL — NEUTRAL WIRE (N) — TOTAL CONNECTED LOAD (VA) = 36,070 — GROUND BUS — GROUND WIRE (G)

AΦ = 12,320 | BΦ = 12,140 | CΦ = 11,610

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW LOUNGE RESTAURANT

THE BLAKK LOUNGE RESTAURANT AND BAR

2504 OLD SPANISH TRAIL,
SLIDELL, LA 70461

JOB No: 2464 DATE: 03/02/2023
DRAWN BY: CJD CHECKED BY: BAM

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SHEET TITLE:
POWER PANEL AND ONE LINE DIAGRAM

DRAWING NUMBER:

E104

SHEET No: 15 of 15

FILE NAME: J:\... BLAKK LOUNGE 2504 Old Spanish Trail\Drawings\Current Drawings\2464 - Power, Schedule and One Line.dwg, PLOT DATE & TIME: Friday, March 3, 2023 8:09:03 AM