



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	1Ø KVA	3Ø KVA OR 1Ø KW 3Ø KW
BUILDING LIGHTING	12.5	
ELECTRIC WATER HEATING	0.0	
HEAT PUMPS	0.0	
SUPPLEMENTAL HEAT SYSTEMS	0.0	
AIR COND CONDENSING UNITS	0.0	
ELEG 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, 3Ø, 4W			ENCLOSURE: N/AN MAIN CIRCUIT BREAKER BOTTOM FEED, FLUSH MOUNTED IV EQUIPMENT GND BAR SQUARE-D LINE								
LOCATION: EQUIPMENT ROOM			FEEDER SOURCE: UTILITY													
GKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP	POLE	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER AMP	POLE	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	GKT NO
1	#12	MNI SPLIT		15	2	1000				1000	1	20	PARKING LOT LIGHTS		#12	2
3	#12			20	1	1000				1000	1	20	DISH WASHER		#12	4
5	#12	SPARE		20	1	1000				1000	1	20	ICE MAKER		#12	6
7	#12	SPARE		20	1	1000				1000	1	20	SPARE		#12	8
9	#12	SPARE		20	1	1000				1000	1	20	SPARE		#12	10
11	#12	SPARE		20	1	1000				1000	1	20	SPARE		#12	12
13	#12	SPARE		20	1	1000				1000	1	20	SPARE		#12	14
15	#12	SPARE		20	1	1000				1000	1	20	SPARE		#12	16
17	#12	SPARE		20	1	1000				1000	1	20	SPARE		#12	18
19	#12	SPARE		20	1	1000				1000	1	20	SPARE		#12	20
21	#12	SPARE		20	1	1000				1000	3	200	FUTURE BUILDING	#4/0	#2	22
23	#12	SPARE		20	1	1000				1000	3	200			#2	24
25	#12	RTU-1		100	3	9000				9000	3	20	KITCHEN EXHAUST FAN KEP-1		#12	26
27	#12	RTU-2		100	3	9000				9000	3	15	KITCHEN MAKE UP AIR FAN		#12	34
29	#12	RTU-3		20	3	2000				2000	3	30	KITCHEN MAKE UP AIR CONDENSER UNIT		#10	40
41	#12			20	3	2000				2000	3	30			#12	42

PANEL SCHEDULE																
PANEL: P2			INTERRUPTING RATING: 35 KAIC		VOLTAGE: 208/120V, 600A, 3Ø, 4W			ENCLOSURE: N/AN MAIN CIRCUIT BREAKER SURFACE MOUNTED IV EQUIPMENT GND BAR SQUARE-D LINE								
LOCATION: EQUIPMENT ROOM			FEEDER SOURCE: UTILITY													
GKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP	POLE	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER AMP	POLE	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	GKT NO
1	#12	RECEPTACLES, MECHANICAL ROOM		20	1	540				1500	1	20	REACH IN REFRIGERATOR, KITCHEN		#12	2
3	#12	RECEPTACLES, STAFF WAIT 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				500	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 CORNER AND WEST BAR		#12	28
29	#12	RECEPTACLES, SOUTHWEST		20	1	360				780	1	20	LIGHTS SOUTHWEST CORNER AND THIS ROOM		#12	30
31	#12	RECEPTACLES, CEILING MOUNT TV'S		20	1	360				1700	1	20	LIGHTS MAIN DINING ROOM		#12	32
33	#12	RECEPTACLES, CEILING MOUNT TV'S		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	6/1 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

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REVISIONS	DATE	DESCRIPTION
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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: B.A.M. (CHECKED BY: C.K.C.)

SHEET TITLE:
POWER PANEL AND ONE
LINE DIAGRAM

DRAWING NUMBER:

E104