



RISER DIAGRAM
SCALE: NTS

ELECTRICAL LOAD SUMMARY					
POWER COMPANY:	Cleco				
PROJECT NAME:	B9 INVESTMENTS, BOAT STORAGE FACILITY				
PROJECT ADDRESS:	3919B I-59 SERVICE ROAD				
CITY/TOWN:	PEARL RIVER, LOUISIANA 70452				
INTENDED USER:	BOAT STORAGE				
REQUIRED SERVICE:	240/120	VOLTS	1 PHASE	3 WIRE	
SERV ENTR SIZE:	200	AMPS			
HVAC TONNAGE:	0	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 KW	3Φ KW
BUILDING LIGHTING	2.0				
ELECTRIC WATER HEATING					
HEAT PUMPS					
SUPPLEMENTAL HEAT SYSTEMS					
AIR COND CONDENSING UNITS					
ELEC HEATING (PRIMARY) AHUS					
COOKING					
REFRIGERATION					
RECEPTACLES (STANDARD)	7.2				
RECEPTACLES (COMPUTER)					
TOTAL MOTORS (EXCLUDE HVAC)					
EXTERIOR LIGHTING					
MISCELLANEOUS - CEILING FANS					
OTHER					
TOTAL CONNECTED LOAD	9.2				

PANEL SCHEDULE													
PANEL: P1				VOLTAGE: 240/120V, 1Φ, 3 WIRE, 200A MAIN BKR									
LOCATION: REAR OF BUILDING				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND									
FEEDER SOURCE: UTILITY				BAR SQ D TYPE GO LOAD CENTER									
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP	POLE	LOAD (VA)		BREAKER POLE AMP	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	CKT NO	
						AΦ	BΦ						
1	#12	UNIT 11		20	1	460VA		20		UNIT 12	#12	2	
3	#12	UNIT 13		20	1	460VA		20		UNIT 14	#12	4	
5	#12	UNIT 15		20	1	460VA		20		UNIT 16	#12	6	
7	#12	UNIT 17		20	1	460VA		20		UNIT 18	#12	8	
9	#12	UNIT 19		20	1	460VA		20		UNIT 20	#12	10	
11		SPARE		20	1			20		SPARE		12	
13		SPARE		20	1			20		SPARE		14	
15		SPARE								SPARE		16	
17		SPARE								SPARE		18	
19		SPARE								SPARE		20	
21	#6	PANEL 2		60	2	2000VA				SPARE		22	
23						2000VA				SPARE		24	
SOLID NEUTRAL NEUTRAL WIRE (N)						TOTAL CONNECTED LOAD (VA) = 4300		GROUND BUS GROUND WIRE (G)					
						AΦ = 4600 BΦ = 4600							

PANEL SCHEDULE													
PANEL: P2				VOLTAGE: 240/120V, 1Φ, 3 WIRE, 60A MAIN LUGS									
LOCATION: REAR OF BUILDING				ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND									
FEEDER SOURCE: PANEL P1				BAR SQ D TYPE GO LOAD CENTER									
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	LOCATION	BREAKER AMP	POLE	LOAD (VA)		BREAKER POLE AMP	LOAD DESCRIPTION	LOCATION	THHN WIRE SIZE	CKT NO	
						AΦ	BΦ						
1	#12	UNIT 1		20	1	460VA		20		UNIT 2	#12	2	
3	#12	UNIT 3		20	1	460VA		20		UNIT 4	#12	4	
5	#12	UNIT 5		20	1	460VA		20		UNIT 6	#12	6	
7	#12	UNIT 7		20	1	460VA		20		UNIT 8	#12	8	
9	#12	UNIT 9		20	1	460VA		20		UNIT 10	#12	10	
11		SPARE		20	1			20		SPARE		12	
13		SPARE		20	1			20		SPARE		14	
15		SPARE								SPARE		16	
17		SPARE								SPARE		18	
19		SPARE								SPARE		20	
21		SPARE								SPARE		22	
23		SPARE								SPARE		24	
SOLID NEUTRAL NEUTRAL WIRE (N)						TOTAL CONNECTED LOAD (VA) = 4600		GROUND BUS GROUND WIRE (G)					
						AΦ = 2300 BΦ = 2300							

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REVISIONS	DATE
#	DESCRIPTION

SEAL:

NEW BOAT STORAGE
B9 INVESTMENTS

3919B I-59 SERVICE ROAD
PEARL RIVER, LA 70452

JOB No: 07-20-2022
DATE: 07-20-2022
DRAWN BY: DP/JTL
CHECKED BY: BAH

SHEET TITLE:
ELECTRICAL PANEL SCHEDULES, SECOND FLOOR

DRAWING NUMBER:

E102