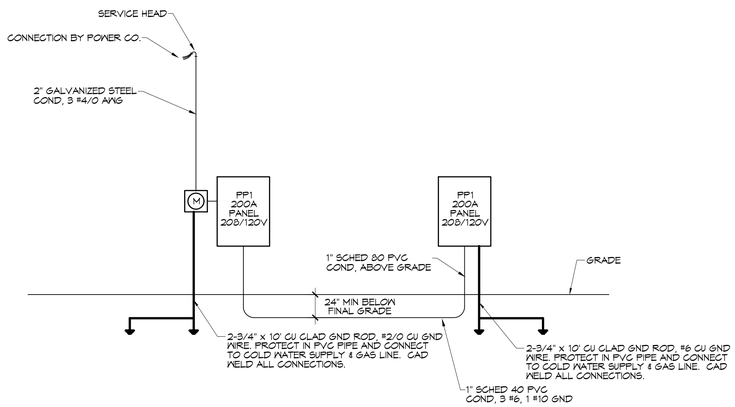

RISER DIAGRAM

SCALE: NTS

ELECTRICAL LOAD SUMMARY

POWER COMPANY:	Cleco				
PROJECT NAME:	59 INVESTMENTS, BOAT STORAGE FACILITY				
PROJECT ADDRESS:	39198 I-59 SERVICE ROAAD				
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 KVA	3Φ KVA
BUILDING LIGHTING	2.0				
ELECTRIC WATER HEATING					
HEAT PUMPS					
SUPPLEMENTAL HEAT SYSTEMS					
AIR COND CONDENSING UNITS					
ELEC HEATING (PRIMARY) AHU'S					
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
LOCATION: REAR OF BUILDING
FEEDER SOURCE: UTILITY
VOLTAGE: 240/120V, 1Φ, 3 WIRE, 200A MAIN BKR
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ	BΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 9200
AΦ = 4600 BΦ = 4600

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P2
LOCATION: REAR OF BUILDING
FEEDER SOURCE: PANEL P1
VOLTAGE: 240/120V, 1Φ, 3 WIRE, 60A, MAIN LUGS
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ	BΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1													2
3													4
5													6
7													8
9													10
11													12
13													14
15													16
17													18
19													20
21													22
23													24

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 4600
AΦ = 2300 BΦ = 2300

GROUND BUS
GROUND WIRE (G)

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

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

NEW BOAT STORAGE
59 INVESTMENTS
39198 I 59 SERVICE ROAD
PEARL RIVER, LA 70452

DRAWN BY: DD/JTL | JOB No: | DATE: 07-15-2022
CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES, SECOND FLOOR

DRAWING NUMBER:
E102

SHEET No: X of X