PANEL SCHEDULE

PANEL: PP
LOCATION: EQUIPMENT ROOM
FEEDER SOURCE: UTILITY
INTERRUPTING RATING: 10 KAIC
VOLTAGE: 240/120V, 200A, 1Φ, 3W W/MAIN CIRCUIT BREAKER
ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQUARE-D TYPE QOB OR EQUAL

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AΦ	CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1	#12	TREATMENT PLANT	20	1	1500			1100	1	20	LIGHTS, BREAK ROOK, OFFICES, RESTROOMS	#12	2
3	#12	RECEPT. OFFICES	20	1	1440			1100	1	20	LIGHTS, FOYER, OFFICE, HALL	#12	4
5	#12	RECEPT. OFFICES	20	1	1260			400	1	20	LIGHTS, WAREHOUSE CENTER ROW	#12	6
7	#12	RECEPT. RESTROOMS AND WATER FOUNTAIN	20	1	540			900	1	20	LIGHTS, WAREHOUSE, OUTSIDE ROWS	#12	8
9	#12	RECEPT. OFFICE AND FILE ROOM	20	1	900			0	1	20	SPARE		10
11	#12	RECEPT. FOYER	20	1	1080			0	1	20	SPARE		12
13	#12	RECEPT. WAREHOUSE	20	1	900			0	1	20	SPARE		14
15	#12	RECEPT. WAREHOUSE	20	1	720			0	1	20	SPARE		16
17	#12	OVERHEAD DOOR OPERATOR	20	1	750			0	1	20	SPARE		18
19	#12	OVERHEAD DOOR OPERATOR	20	1	750			0	1	20	SPARE		20
21	#12	RECEPT. BREAK AREA	20	1	540			0	1	20	SPARE		22
23	#12	RECEPT. BREAK AREA, OUTSIDE	20	1	540			0	1	20	SPARE		24
25		SPACE									SPACE		26
27		SPACE									SPACE		28
29		SPACE									SPACE		30
31	#10	CONDENSER UNIT	30	2	1800						SPACE		32
33					1800						SPACE		34
35	#8	AHU/FURNACE	50	2	5400						SPACE		36
37					5400						SPACE		38
39	#10	WATER HEATER	30	2	2500			0	2	20	SURGE SUPRESSOR	#12	40
41					2500			0					42

SOLID NEUTRAL
NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA) = 33,820

AΦ = 17,050 | BΦ = 16,770

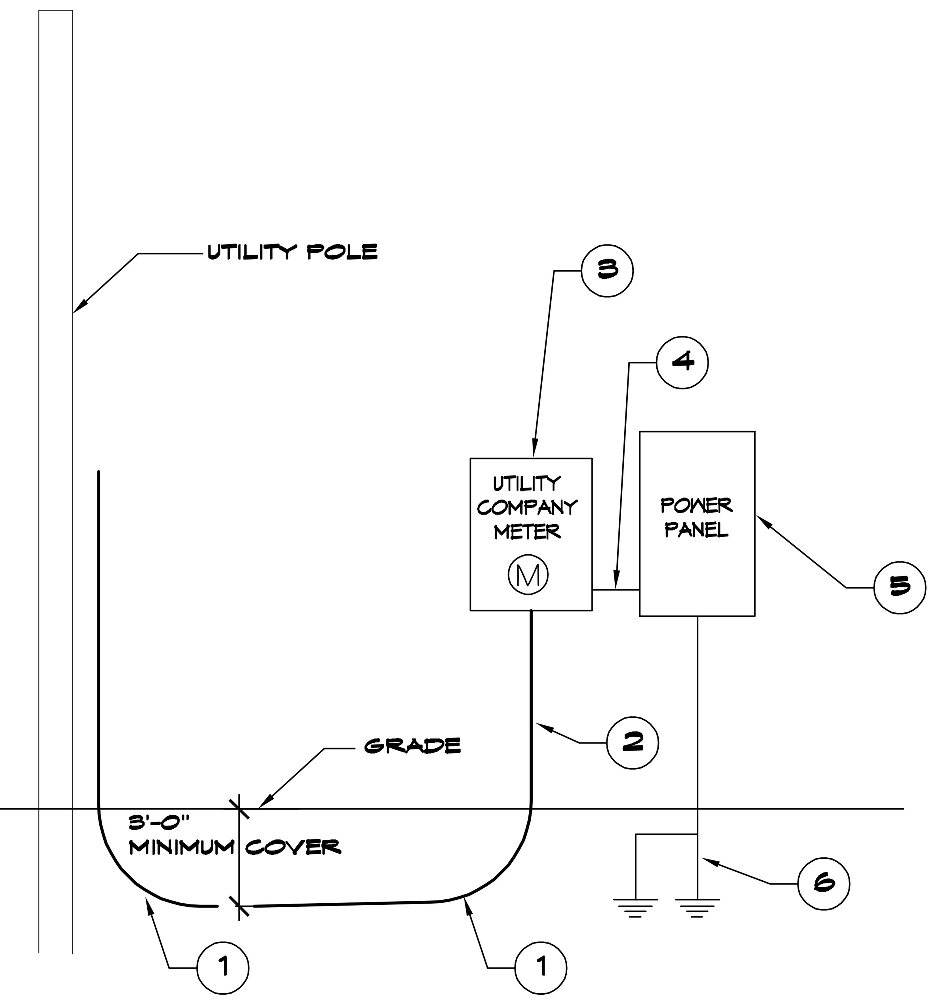
GROUND BUS
GROUND WIRE (G)

16 SCHEDULES
SCALE: N.T.S.

ELECTRICAL LOAD SUMMARY

POWER COMPANY:	CLECO					
PROJECT NAME:	LEWIS A/C					
PROJECT ADDRESS:	38109 COAST BOULEVARD					
CITY TOWN:	SLIDELL, LOUISIANA 70460					
INTENDED USER:	A/C SHOP					
REQUIRED SERVICE:	240/120	VOLTS	1	PHASE	3	WIRE
SERV ENTR SIZE:	200	AMPS				
HVAC TONNAGE:	3	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:			6,050	S.F.		
INDIVIDUAL UNIT SQUARE FOOTAGE:			0	S.F.		
INDIVIDUAL UNIT DESIGNATION:				(MULT OCCUPANCY)		

LOAD SOURCE	1Φ KVA	3Φ KVA	OR	1Φ KW	3Φ KW
BUILDING LIGHTING	3.0				
ELECTRIC WATER HEATING	5.0				
HEAT PUMPS	N/A				
SUPPLEMENTAL HEAT SYSTEMS	N/A				
AIR COND CONDENSING UNITS	3.6				
ELEC HEATING (PRIMARY) AHU'S	10.8				
COOKING	N/A				
REFRIGERATION	N/A				
RECEPTACLES (STANDARD)	8.0				
RECEPTACLES (COMPUTER)	N/A				
TOTAL MOTORS (EXCLUDE HVAC)	N/A				
EXTERIOR LIGHTING	0.3				
MISCELLANEOUS - CEILING FANS	1.6				
OTHER	1.5				
TOTAL CONNECTED LOAD	33.8	0.0		0.0	0.0



ONE LINE NOTES:

1. 36" LONG SWEEP ELBOW
2. PROVIDE TWO (2) 3" SCHEDULE 40 PVC CONDUIT BELOW GRADE AND SCH 80 PVC CONDUIT ABOVE GRADE WITH SUITABLE FISH WIRE.
3. 240/120V 3Φ 200 AMP METER PAN.
4. 3-4/0 THHN, 1-#2 GND, 2 1/2" C
5. 240/120V 3Φ 200A PANELBOARD WITH MAIN BREAKER.
6. 2-3/4" x 10' CU CLAD GND ROD, #2 CU GND WIRE. PROTECT IN PVC PIPE. CONNECT TO METAL BLDG, COLD WATER SUPPLY & GAS LINE. CAD WELD ALL CONNECTIONS.

17 ONE LINE DIAGRAM
SCALE: N.T.S.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:
STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

NEW OFFICE WAREHOUSE
LEWIS A/C
38109 COAST BOULEVARD
SLIDELL, LA 70460

JOB No: | DATE: 1-22-2026
DRAWN BY: LP | CHECKED BY: BAM

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SHEET TITLE:
PANEL SCHEDULE AND ONE LINE DIAGRAM

DRAWING NUMBER:
E103