FILE NAME: J:\... Office Warehouse\Revit sc Sheet\Current Drawings\5103 - Schedule & One Line.dwg PLOT DATE & TIME: Thursday, January 29, 2026 10:53:54 AM

PANEL SCHEDULE

PANEL: PP — INTERRUPTING RATING: 10 KAIC — VOLTAGE: 240/120V, 3Ø0A, 1Φ, 3W W/MAIN CIRCUIT BREAKER
LOCATION: EQUIPMENT ROOM — ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQUARE-D TYPE QOB OR EQUAL
FEEDER SOURCE: UTILITY

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	A Ø	C Ø	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 ROOM, 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 (N) — TOTAL CONNECTED LOAD (VA) = 33,820 — GROUND BUS GROUND WIRE (G)
A Ø = 17,050 — B Ø = 16,770

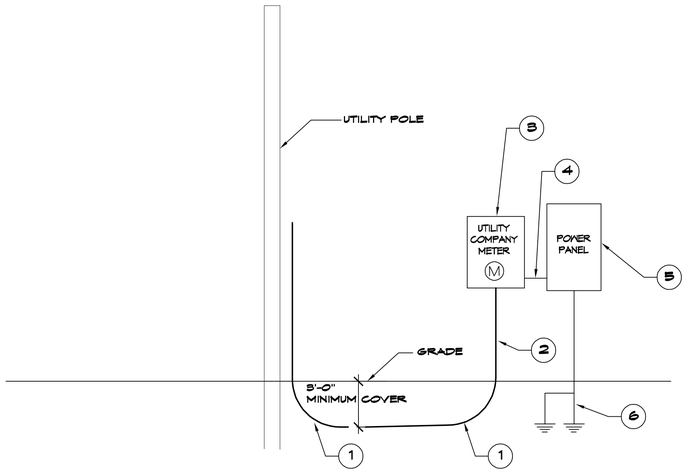
32 SCHEDULES
SCALE: N.T.S.

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 KVA	3Φ KVA
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 3Ø 200 AMP METER PAN.
4. 3-4/0 THHN, 1-#2 GND, 2 1/2" C
5. 240/120V 3Ø 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.

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

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

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

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

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SHEET TITLE:
PANEL SCHEDULE AND ONE LINE DIAGRAM

DRAWING NUMBER:
E103

SHEET No: 12 of 12