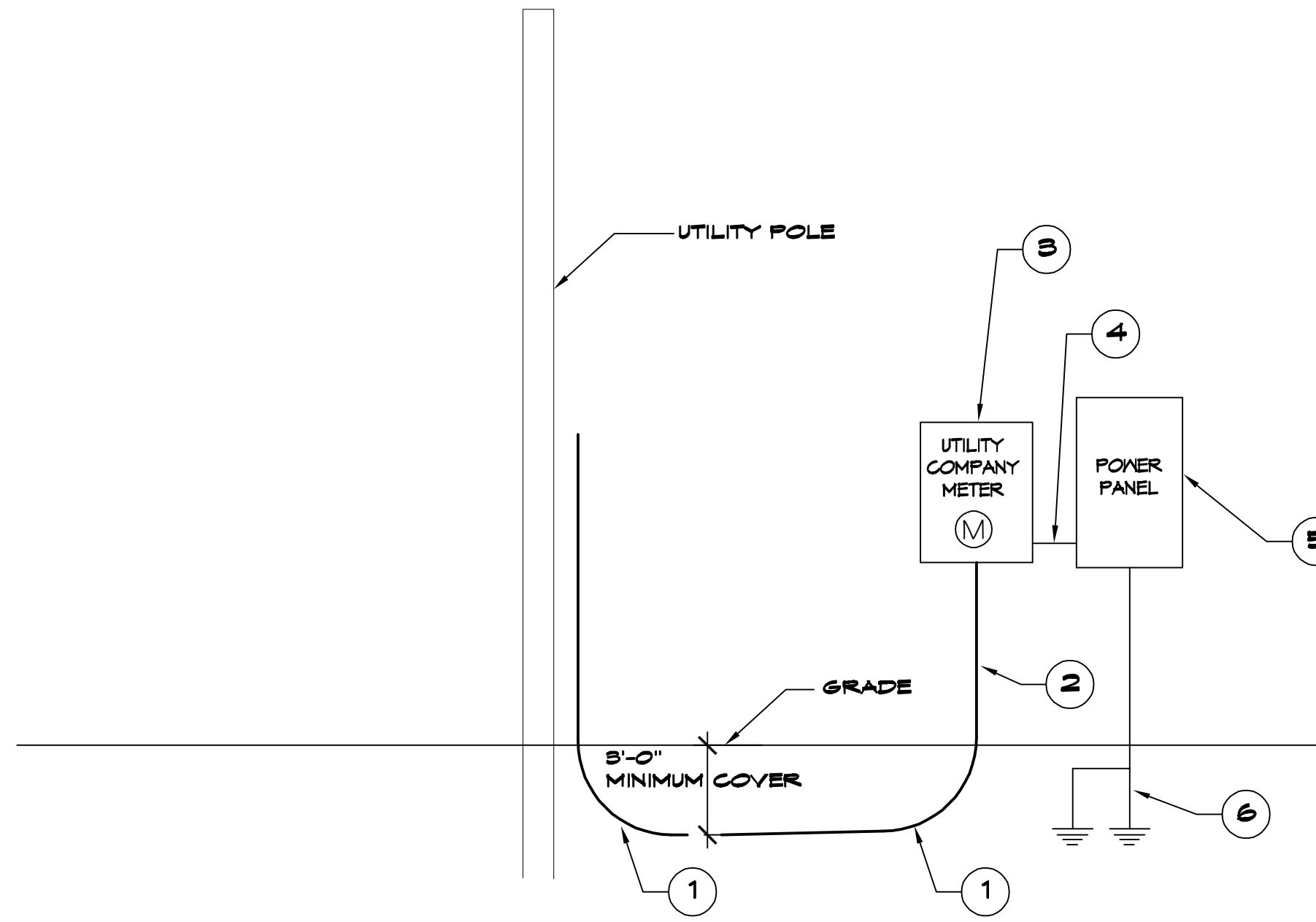


FILE NAME: J:\11 - Office - Warehouse\103 - Slidell - Schedule & One Line.dwg PLOT DATE: 22, 2024 4:12:12

PANEL SCHEDULE													
PANEL:		PP		INTERRUPTING RATING: 10 KAC		VOLTAGE: 240/120V, 200A, 1Ø, 3Ø W/MAN CIRCUIT BREAKER							
LOCATION:		EQUIPMENT ROOM		ENCLOSURE:		FLUSH MOUNTED IV EQUIPMENT GND BAR SQUARE-D							
FEEDER SOURCE:		UTILITY				TYPE G02 OR EQUAL							
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AD		CD		LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
					AMP	POLE	AMP	POLE					
1	#12	TREATMENT PLANT	20	1	1500				1100	1	20	#12	2
3	#12	RECEPT. OFFICES	20	1	1440				1100	1	20	#12	4
5	#12	RECEPT. OFFICES	20	1	1260				400	1	20	#12	6
7	#12	RECEPT. RESTROOMS AND WATER FOUNTAIN	20	1	540				400	1	20	#12	8
4	#12	RECEPT. OFFICE AND FILE ROOM	20	1	400				0	1	20		10
11	#12	RECEPT. FOYER	20	1	1080				0	1	20		12
13	#12	RECEPT. WAREHOUSE	20	1	400				0	1	20		14
15	#12	RECEPT. WAREHOUSE	20	1	120				0	1	20		16
17	#12	OVERHEAD DOOR OPERATOR	20	1	750				0	1	20		18
19	#12	OVERHEAD DOOR OPERATOR	20	1	750				0	1	20		20
21	#12	RECEPT. BREAK AREA	20	1	540				0	1	20		22
23	#12	RECEPT. BREAK AREA, OUTSIDE	20	1	540				0	1	20		24
25		SPACE											26
27		SPACE											28
29		SPACE											30
31													32
33	#10	CONDENSER UNIT	30	2	1800								34
35													36
37	#0	AHU/FURNACE	50	2	5400								38
39													40
41	#10	WATER HEATER	30	2	2500					2	20	#12	42
41													42

SOLID NEUTRAL NEUTRAL WIRE (N)		TOTAL CONNECTED LOAD (VA) = 33,620		GROUND BUS GROUND WIRE (G)	
		AD = 17,050	CD = 16,710		



ONE LINE NOTES:

- 36" LONG SWEEP ELBOW
- PROVIDE TWO (2) 3" SCHEDULE 40 PVC CONDUIT BELOW GRADE AND SCH 80 PVC CONDUIT ABOVE GRADE WITH SUITABLE FISH WIRE.
- 240/120V 3Ø 200 AMP METER PAN.
- 3-4/0 THHN, 1-#2 GND, 2 1/2" C
- 240/120V 3Ø 200A PANELBOARD WITH MAIN BREAKER.
- 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.

16 SCHEDULES
SCALE: N.T.S.

ELECTRICAL LOAD SUMMARY					
POWER COMPANY:	CLECO				
PROJECT NAME:	LENS A/C				
PROJECT ADDRESS:	33109 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	1Ø KVA	3Ø KVA	OR	1Ø KW	3Ø 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	10.9				
COOKING	N/A				
REFRIGERATION	N/A				
RECEPTACLES (STANDARD)	0.0				
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	33.9	0.0		0.0	0.0

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

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Chief Engineer: Brian Mistich, PE
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PH: 985-649-5632

REVISIONS	DATE	DESCRIPTION



NEW OFFICE WAREHOUSE
LENS A/C
33109 COAST BOULEVARD
SLIDELL, LA 70460
JOB No: 1-22-2026
DATE: 1-22-2026
DRAWN BY: BAM
CHECKED BY: LP
SHEET TITLE: PANEL SCHEDULE AND ONE LINE DIAGRAM
DRAWING NUMBER: **E103**
SHEET No: 12 of 12