

**PANEL SCHEDULE**

CCT MIRE NO SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP POLE	LOAD (VA)		BREAKER POLE AMP	LOAD DESCRIPTION LOCATION	THHN MIRE NO SIZE
			AD	B0			
1	AC UNIT 12 (9 TON) 15 kW HEAT	40	10000	0	2	AC UNIT #1 (9 TON) 15 kW HEAT	2
3	AC UNIT 12 (9 TON) 15 kW HEAT	40	10000	0	2	AC UNIT #2 (9 TON) 15 kW HEAT	4
5	AC UNIT #6 (4 TON) 10 kW HEAT	60	10000	0	2	AC UNIT #1 (4 TON) 10 kW HEAT	6
7	AC UNIT #6 (4 TON) 10 kW HEAT	60	10000	0	2	AC UNIT #2 (4 TON) 10 kW HEAT	8
9	AC UNIT #6 (4 TON) 10 kW HEAT	60	10000	0	2	AC UNIT #3 (4 TON) 10 kW HEAT	10
11	PANEL 9V1 - LOCATED N 30 GAL WATER HEATER IN JANITOR'S SPILLAGE CLOSET FOR FRONT RESTROOMS	20	8144	0	20	JANITOR'S SPILLAGE CLOSET FOR FRONT RESTROOMS	12
13	PANEL HP1 - LOCATED N	125	1303	0	2		14
15	ELECTRICAL CLOSET	125	4951	0	2		16
17	PANEL HP2 - FELLOWSHIP HALL	225	24115	0	2		18
19	PANEL HP2 - FELLOWSHIP HALL	225	23354	0	2		20
21	30 GAL WATER HEATER IN JANITOR'S SPILLAGE CLOSET FOR FRONT RESTROOMS	30	2380	0	2	AC UNIT #4 (6 TON) 15 kW HEAT	22
23	30 GAL WATER HEATER IN JANITOR'S SPILLAGE CLOSET FOR FRONT RESTROOMS	30	2380	0	2	AC UNIT #5 (6 TON) 15 kW HEAT	24
25	EXTERIOR SOLATED 601 50 AMP RECEPTACLE FOR OUTSIDE COOKING	50	4000	0	2		26
27	EXTERIOR SOLATED 601 50 AMP RECEPTACLE FOR OUTSIDE COOKING	50	4000	0	2		28
29	SPARE	1	0	0	1	SPARE	30

TOTAL CONNECTED LOAD (VA) = 241,047

AD = 134,907      B0 = 126,140

GROUND BUS

GROUND MIRE (6)

**PANEL SCHEDULE**

CCT MIRE NO SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP POLE	LOAD (VA)		BREAKER POLE AMP	LOAD DESCRIPTION LOCATION	THHN MIRE NO SIZE
			AD	B0			
1	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	10
3	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	12
5	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	14
7	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	16
9	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	18
11	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	20
13	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	22
15	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	24
17	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	26
19	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	28
21	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	30
23	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	32
25	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	34
27	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	36
29	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	38
31	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	40
33	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	42
35	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	44
37	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	46
39	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	48
41	RECEPTACLES IN CLERKS OFFICE	20	10000	0	1	RECEPTACLES IN CLERKS OFFICE	50

TOTAL CONNECTED LOAD (VA) = 48,094

AD = 24,115      B0 = 23,979

GROUND BUS

GROUND MIRE (6)

**PANEL SCHEDULE**

CCT MIRE NO SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP POLE	LOAD (VA)		BREAKER POLE AMP	LOAD DESCRIPTION LOCATION	THHN MIRE NO SIZE
			AD	B0			
1	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	2
3	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	4
5	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	6
7	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	8
9	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	10
11	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	12
13	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	14
15	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	16
17	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	18
19	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20
21	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	22
23	RECEPTACLES IN NORTH SIDE OF SANCTUARY	20	1260	0	20	RECEPTACLES IN NORTH SIDE OF SANCTUARY	24

TOTAL CONNECTED LOAD (VA) = 18,097

AD = 9,458      B0 = 8,639

GROUND BUS

GROUND MIRE (6)

**PANEL SCHEDULE**

CCT MIRE NO SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP POLE	LOAD (VA)		BREAKER POLE AMP	LOAD DESCRIPTION LOCATION	THHN MIRE NO SIZE
			AD	B0			
1	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	2
3	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	4
5	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	6
7	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	8
9	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	10
11	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	12
13	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	14
15	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	16
17	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	18
19	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20
21	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	22
23	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	20	1440	0	20	RECEPTACLES IN SOUND/ VIDEO ROOM / CAMERA ROOM	24

TOTAL CONNECTED LOAD (VA) = 15,787

AD = 8,514      B0 = 7,273

GROUND BUS

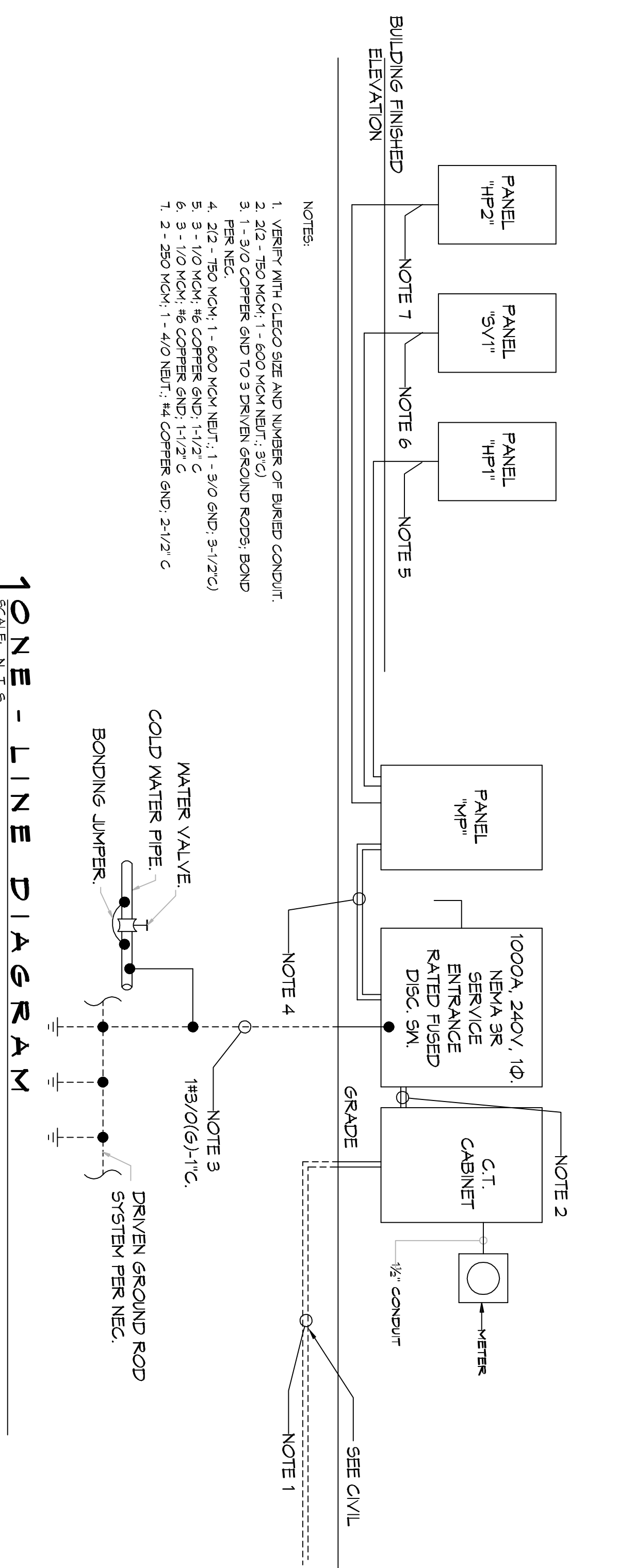
GROUND MIRE (6)

**ELECTRICAL LOAD SUMMARY**

REQ. SERV.	240	V	1	PHASE	2	WIRES
SERV. ENTR. SIZE	1000	AMPS				
HYAC TONNAGE	36	TONS				
LARGEST MOTOR	HP					
TOTAL BUILDING SQ FT	423	SF				

NOTE: MOTOR ABOVE 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE IN 120/240V, 1Ø, 9W SERVICE

LOAD SOURCE	1Ø-KVA	3Ø-KVA	ØR	1Ø-KW	3Ø-KW
BUILDING LIGHTING				15038	
ELECTRIC WATER HEATING				2484	
HEAT PUMPS					
SUPPLEMENTAL HEAT SYSTEMS				13032	
PACKAGED AIR COND. UNITS				1560	
COOKING					
REFRIGERATION (STANDARD)				4894	
RECEPTACLES (COMPUTERS)				5500	
BATTERY HEATER				165	
BATTERY CIRCULATION PUMP					
EXTERIOR LIGHTING					
MISCELLANEOUS - EXTERIOR SIGNS				1800	



**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI

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#	DESCRIPTION	DATE



JOB NO: 22-5      DATE: 9/15/2017  
DRAWN BY: JLT      CHECKED BY: BAM

SHEET TITLE: CIRCUIT PANELS AND ONE-LINE DIAGRAM  
DRAWING NUMBER: E103

3770 LEGGETT ROAD  
SLIDELL, LA 70460