

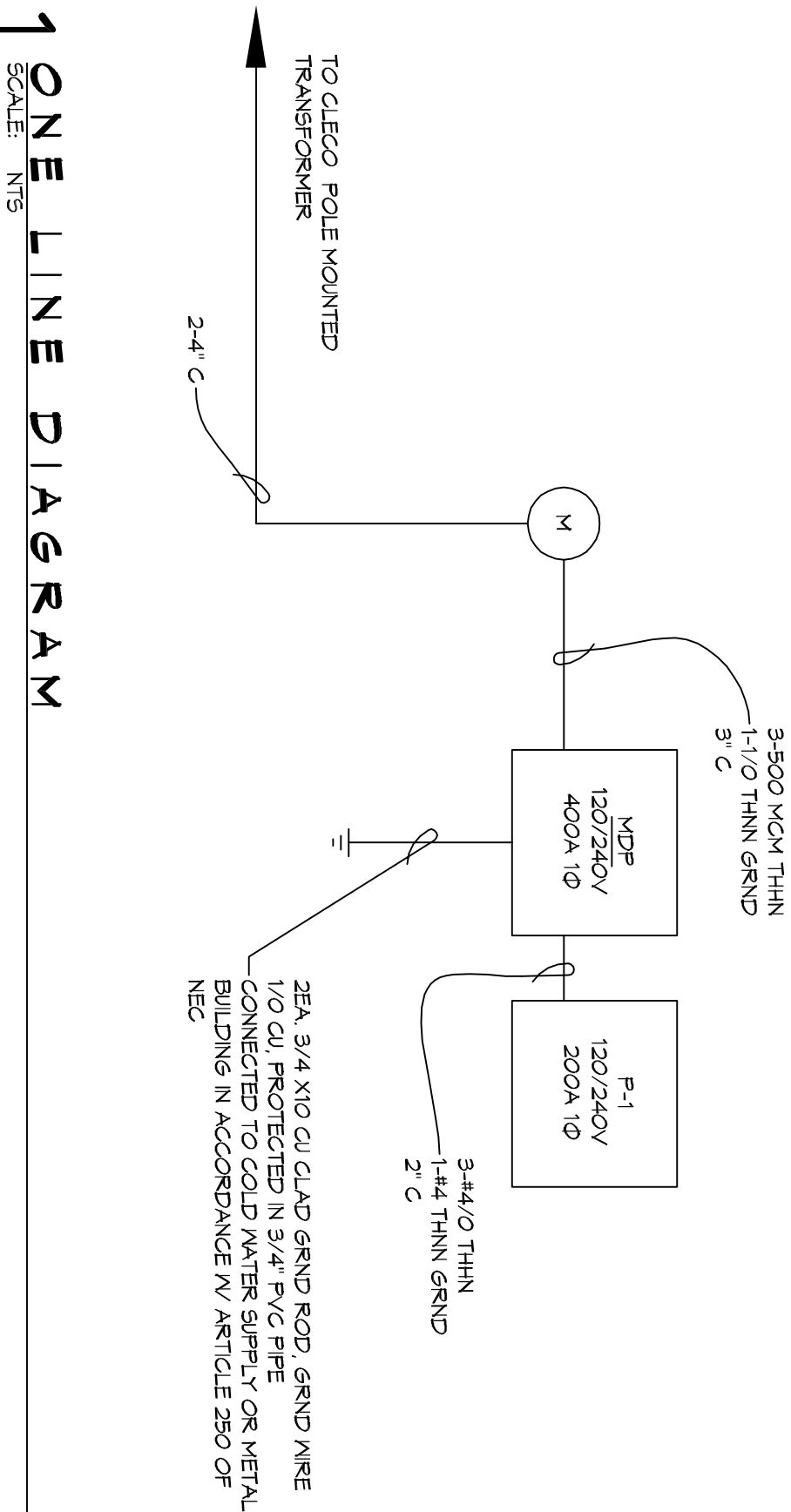
**PANEL SCHEDULE**

CCT	WIRE NO	WIRE SIZE	LOAD DESCRIPTION	BREAKER	AMP	LOAD (VA)	LOAD (VA)		BREAKER	POLE AMP	LOAD DESCRIPTION	WIRE SIZE	CCT
							A0	B0					
1	#6	5 TON	ZONE 1 CONDENSER UNIT #1	2	50	6750	0	0	2	70	ZONE 1, AHU #1 5 TON, 15 BU HEAT	#4	2
3	#6	5 TON	ZONE 2 CONDENSER UNIT #1	2	50	6750	0	0	2	70	ZONE 2, AHU #1 5 TON, 15 BU HEAT	#4	4
5	#6	5 TON	ZONE 3 CONDENSER UNIT #1	2	50	6750	0	0	2	70	ZONE 3, AHU #1 5 TON, 15 BU HEAT	#4	6
7	#6	5 TON	ZONE 4 CONDENSER UNIT #1	2	50	6750	0	0	2	70	ZONE 4, AHU #1 5 TON, 15 BU HEAT	#4	8
9	#6	5 TON	ZONE 5 CONDENSER UNIT #1	2	50	6750	0	0	2	70	ZONE 5, AHU #1 5 TON, 15 BU HEAT	#4	10
11	#6	5 TON	ZONE 6 CONDENSER UNIT #1	2	50	6750	0	0	2	70	ZONE 6, AHU #1 5 TON, 15 BU HEAT	#4	12
13	#6	5 TON	ZONE 7 CONDENSER UNIT #1	2	50	6750	0	0	2	70	ZONE 7, AHU #1 5 TON, 15 BU HEAT	#4	14
15	#6	5 TON	ZONE 8 CONDENSER UNIT #1	2	50	6750	0	0	2	70	ZONE 8, AHU #1 5 TON, 15 BU HEAT	#4	16
17	#10	20	50 GAL WATER HEATER N	2	30	4500	0	0	2	20	50 GAL WATER HEATER N AND 150 WASHING MACHINES	#6	18
19	#10	20	50 GAL WATER HEATER N	2	30	4500	0	0	2	20	50 GAL WATER HEATER N AND 150 WASHING MACHINES	#6	20
21	#6	40	BATTERY WATER HEATER/PUMP	2	40	2760	0	0	2	80	PANEL #1 - LOCATED IN ELECTRICAL CLOSET	2/0	22
23	#6	40	BATTERY WATER HEATER/PUMP	2	40	2760	0	0	2	80	PANEL #1 - LOCATED IN ELECTRICAL CLOSET	2/0	24
25	#6	50	RANGE/OVEN RECEPTACLE	2	50	3450	0	0	2	40	BATTERY ROOM HEATER/PUMP	#6	26
27	#6	50	RANGE/OVEN RECEPTACLE	2	50	3450	0	0	2	40	BATTERY ROOM HEATER/PUMP	#6	28
29	#12	20	PRAC N OFFICE #1	2	20	1750	0	0	2	20	SPACE	#12	30
31	#12	20	SPACE	1	20	1750	0	0	1	20	SPACE	#12	32
33	#12	20	SPACE	1	20	1750	0	0	1	20	SPACE	#12	34
35	#12	20	SPACE	1	20	1750	0	0	1	20	SPACE	#12	36
37	#12	20	SPACE	1	20	1750	0	0	1	20	SPACE	#12	38
39	#12	20	SPACE	1	20	1750	0	0	1	20	SPACE	#12	40
41	#12	20	SPACE	1	20	1750	0	0	1	20	SPACE	#12	42
						TOTAL CONNECTED LOAD (VA) = 103548				GROUND BUS			
						A0 = 11754		B0 = 51784					

**PANEL SCHEDULE**

CCT	WIRE NO	WIRE SIZE	LOAD DESCRIPTION	BREAKER	AMP	LOAD (VA)	LOAD (VA)		BREAKER	POLE AMP	LOAD DESCRIPTION	WIRE SIZE	CCT
							A0	B0					
1	#12	20	RECEPTACLE EAST SIDE OF SANITARY FORN MEN'S ROOM	1	20	360	0	0	1	20	AUDIO VIDEO ROOM ON 2ND FLOOR	#12	2
3	#12	20	RECEPTACLE WEST SIDE OF SANITARY FORN WOMEN'S	1	20	360	0	0	1	20	DEDICATED RECEPTACLE IN AUDIO VIDEO ROOM ON 2ND FLOOR	#12	4
5	#12	20	RECEPTACLE AND FLOOR LOCKER # HIGH ROOM	1	20	360	0	0	1	20	RECEPTACLE IN PLANT CHOP LIGHT ELEC CLOSET	#12	6
7	#12	20	RECEPTACLE CLASSROOM	1	20	360	0	0	1	20	DEDICATED RECEPTACLE IN COPY ROOM	#12	8
9	#12	20	RECEPTACLE CLASSROOM	1	20	360	0	0	1	20	RECEPTACLE IN COPY ROOM	#12	10
11	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	12
13	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	14
15	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	16
17	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	18
19	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	20
21	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	22
23	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	24
25	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	26
27	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	28
29	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	30
31	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	32
33	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	34
35	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	36
37	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	38
39	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	40
41	#12	20	RECEPTACLE RESTROOM	1	20	360	0	0	1	20	RECEPTACLE IN RESCHOOL NURSERY	#12	42
						TOTAL CONNECTED LOAD (VA) = 34500				GROUND BUS			
						A0 = 11240		B0 = 11240					

**ONE LINE DIAGRAM**



**ELECTRICAL LOAD SUMMARY**

ENERGY POWER COMPANY	PROJECT NAME: BAYOU BAPTIST CHURCH SLIDELL, LOUISIANA				
PROJECT ADDRESS: 1341 SULLIVAN DRIVE	CITY/TOWN: SLIDELL, LA 70460				
INTENDED USER: CHURCH MEMBERS	REQ. SERV.: 208 V 1 PHASE 2 WIRES				
SERV. ENTR. SIZE: 400 AMPS	HVAC TONNAGE: 20 TONS				
LARGEST MOTOR: HP	(NOTE: MOTORS ABOVE 30HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE W/ 120/240V, 1Ø, 3Ø SERVICE)				
TOTAL BUILDING SQ. FT.: 6500 SF	INDIVIDUAL UNIT DESIGNATION: 5F (MULT OCCUPANCY)				
LOAD SOURCE	LOAD (KVA)	30-KVA	R	30-KVA	30-KVA
BUILDING LIGHTING	6538				
ELECTRIC WATER HEATING	1464				
HEAT PUMPS	11000				
SUPPLEMENTAL HEAT SYSTEMS	-				
AIR COND CONDENSING UNITS	95160				
ELEC HEATING (PRIMARY) - AHUS	60600				
COOKING	1000				
REFRIGERATION	360				
RECEPTACLES (STANDARD)	5160				
RECEPTACLES (COMPUTER)	-				
TOTAL MOTORS (EXCLUDE HVAC)	-				
EXTERIOR LIGHTING	210				
MISCELLANEOUS - CEILING FANS	-				
OTHER (SPECIFY) - PTAC	3500				



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REVISIONS	
#	DESCRIPTION



SHEET TITLE: ELECTRICAL PANEL SCHEDULE ONE-LINE DIAGRAM & LOAD SUMMARY  
DRAWING NUMBER: E103

1341 SULLIVAN DR.  
SLIDELL, LA 70460

JOB NO: 2274 DATE: 05/12/2016  
DRAWN BY: KHM CHECKED BY: BAM