

### PANEL SCHEDULE

**PANEL:** NPB  
**LOCATION:** EXTERIOR WALL BY WETER  
**FEEDER SOURCE:** CLECO

**VOLTAGE:** 120/240/480A, 1Ø, 90°  
**ENCLOSURE:** 400A WBI, W/SCJP, STD BAR, 20000 AS

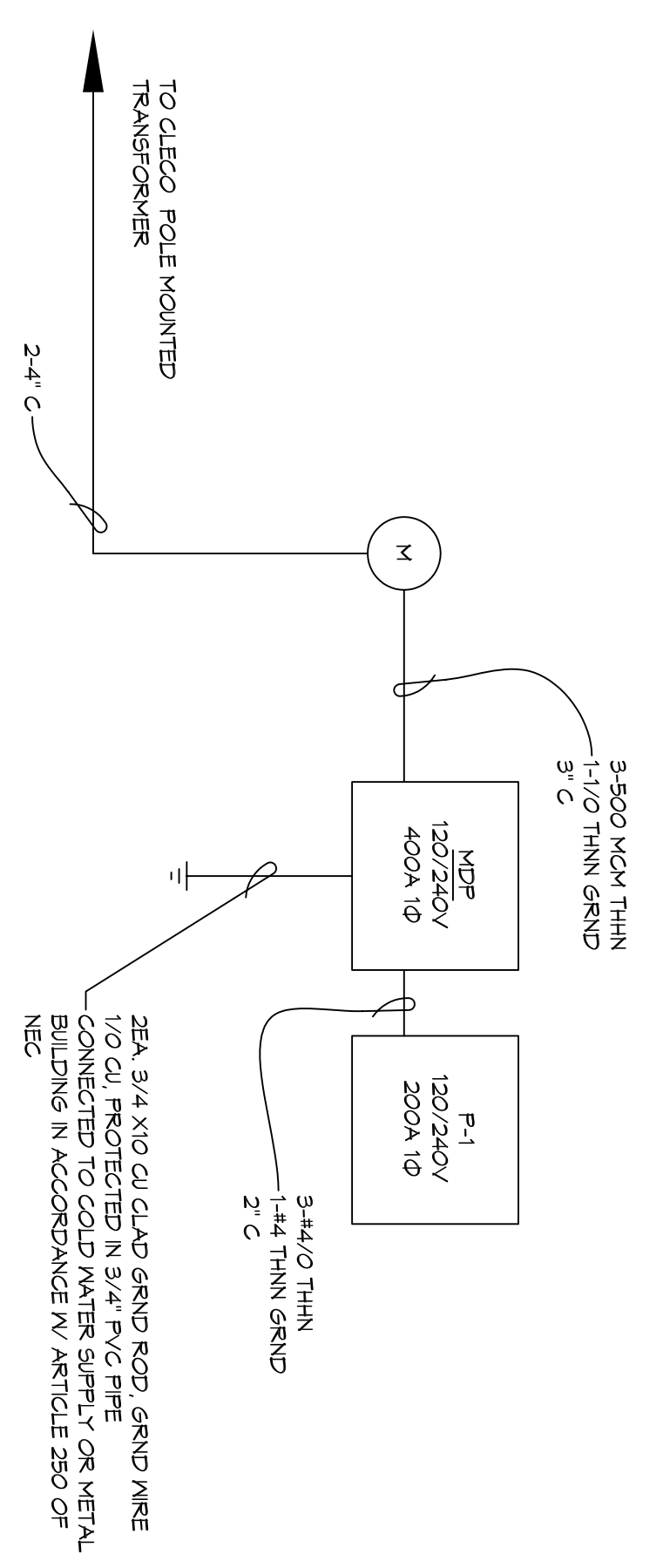
QTY	THIN WIRE NO.	THIN WIRE SIZE	LOAD DESCRIPTION	LOCATION	AMP	POLE	BRKFR	LOAD (VA)	POLE AMP	BRKFR	LOAD (VA)	POLE AMP	LOAD DESCRIPTION	LOCATION	THIN WIRE NO.	QTY
1	#6	5TON	ZONE 1, CONDENSER UNIT #1		50	2	6200	6200	2	10	7575	7575	ZONE 1, AHU #1 5TON, 1Ø W/HEAT		#4	4
5	#6	5TON	ZONE 2, CONDENSER UNIT #1		50	2	6200	6200	2	10	7575	7575	ZONE 2, AHU #1 5TON, 1Ø W/HEAT		#4	6
9	#6	5TON	ZONE 3, CONDENSER UNIT #1		50	2	6200	6200	2	10	7575	7575	ZONE 3, AHU #1 5TON, 1Ø W/HEAT		#4	10
11	#6	5TON	ZONE 4, CONDENSER UNIT #1		50	2	6200	6200	2	10	7575	7575	ZONE 4, AHU #1 5TON, 1Ø W/HEAT		#4	12
13	#6	5TON	ZONE 4, CONDENSER UNIT #1		50	2	6200	6200	2	10	7575	7575	ZONE 4, AHU #1 5TON, 1Ø W/HEAT		#4	14
15	#6	5TON	ZONE 4, CONDENSER UNIT #1		50	2	6200	6200	2	10	7575	7575	ZONE 4, AHU #1 5TON, 1Ø W/HEAT		#4	16
11	#10		50 GAL WATER HEATER N RESTROOMS & KITCHEN		30	2	4500	4500	2	20	5225	5225	50 GAL WATER HEATER N 2ND FLOOR RESTROOMS		#6	18
14	#10		50 GAL WATER HEATER N RESTROOMS & KITCHEN		30	2	4500	4500	2	20	5225	5225	50 GAL WATER HEATER N 2ND FLOOR RESTROOMS		#6	20
21	#6		BATTERY WATER HEATER/PUMP		40	2	2750	2750	2	150	-	-	PANEL #1 - LOCATED IN ELECTRICAL CLOSET		#2/0	22
23	#6		BATTERY WATER HEATER/PUMP		40	2	2750	2750	2	150	-	-	PANEL #1 - LOCATED IN ELECTRICAL CLOSET		#2/0	24
25	#6		RANGE OVEN RECEPTACLE		50	2	3420	3420	2	40	2750	2750	BATTERY POOL HEATER/PUMP		#6	26
27	#6		RANGE OVEN RECEPTACLE		50	2	3420	3420	2	40	2750	2750	BATTERY POOL HEATER/PUMP		#6	28
29	#12		PTAC N OFFICE #1		20	2	1750	1750	2	20	940	940	SPACE		#12	30
31	#12		PTAC N OFFICE #1		20	2	1750	1750	2	20	940	940	SPACE		#12	32
33	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	34
35	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	36
37	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	38
39	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	40
41	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	42
TOTAL CONNECTED LOAD (VA) = 103546													GROUND BUS (Ø)			
AØ = 51734													BØ = 51734			

### PANEL SCHEDULE

**PANEL:** F1 (REAR/ST PANEL)  
**LOCATION:** ELECTRICAL CLOSET  
**FEEDER SOURCE:** CLECO

**VOLTAGE:** 120/240/480A, 1Ø, 90°  
**ENCLOSURE:** 400A WBI, W/SCJP, STD BAR, 20000 AC

QTY	THIN WIRE NO.	THIN WIRE SIZE	LOAD DESCRIPTION	LOCATION	AMP	POLE	BRKFR	LOAD (VA)	POLE AMP	BRKFR	LOAD (VA)	POLE AMP	LOAD DESCRIPTION	LOCATION	THIN WIRE NO.	QTY
1	#12		RECEPTACLES EAST SIDE OF SANCTUARY FRONT REST ROOM		20	1	360	360	1	20	360	360	ADDO VIDEO ROOM ON 2ND FLOOR		#12	2
9	#12		RECEPTACLES WEST SIDE OF RESTROOM FRONT RESTROOMS		20	1	360	360	1	20	360	360	DEDICATED RECEPTACLE IN ADDO VIDEO ROOM FLOOR		#12	4
5	#12		RECEPTACLES 2ND FLOOR LOBBY MEDIA ROOM		20	1	360	360	1	20	360	360	DEDICATED RECEPTACLE IN LOBBY MEDIA ROOM		#12	6
7	#12		RECEPTACLES CLASSROOM GRACES 1 - 3 5E HALL		20	1	360	360	1	20	360	360	DEDICATED RECEPTACLE IN COPY ROOM		#12	8
9	#12		RECEPTACLES CLASSROOM GRACES 4 - 11 REPT NEAR W/HP		20	1	360	360	1	20	360	360	RECEPTACLES IN COPY ROOM		#12	10
11	#12		RECEPTACLES RESTROOM N		20	1	360	360	1	20	360	360	RECEPTACLES IN PRE-SCHOOL NURSERY 4 5X1 EXTENSION		#12	12
13	#12		RECEPTACLES OFFICE CLASSROOM GRACES 8 - 12 5X1 HALL		20	1	360	360	1	20	360	360	RECEPTACLES IN ADULTS RM 1 NORTH KITCHEN WALL		#12	14
15	#12		RECEPTACLES VESTIBULE REPT AREA OFF WALL		20	1	360	360	1	20	360	360	RECEPTACLES N KITCHEN		#12	16
17	#12		DEDICATED RECEPTACLE FOR REFRIGERATOR		20	1	360	360	1	20	360	360	DEDICATED RECEPTACLE FOR MICROWAVE		#12	18
19	#12		RECEPTACLE FOR COFFEE MAKER		20	1	360	360	1	20	360	360	DEDICATED RECEPTACLE FOR DISHWASHER DISPOSAL		#12	20
21	#12		LIGHTS FRONT RESTROOMS AT FRONT ENTRANCE AND FLOOR		20	1	1150	1150	1	20	1150	1150	LIGHTS SANDOW SCHOOL 1 & 2		#12	22
23	#12		LIGHTS SANCTUARY EAST SIDE		20	1	915	915	1	20	915	915	LIGHTS EAST HALL		#12	24
25	#12		LIGHTS SANCTUARY CENTER		20	1	195	195	1	20	540	540	LIGHTS SANDOW SCHOOL 3		#12	26
27	#12		LIGHTS SANCTUARY WEST SIDE		20	1	915	915	1	20	460	460	LIGHTS WEST HALL CENTER HALL COPY ROOM		#12	28
29	#12		LIGHTS OUTDOOR FLOODLIGHTS		20	1	210	210	1	20	130	130	LIGHTS OFFICE 1, SANDOW SCHOOL 4		#12	30
31	#12		LIGHTS KITCHEN		20	1	1260	1260	1	20	210	210	LIGHTS BAPTISTRY ELECTRICAL ROOM		#12	32
33	#12		LIGHTS SANDOW SCHOOL 5 & 7 ATTIC LIGHTS		20	1	1050	1050	1	20	768	768	LIGHTS RESTROOMS IN REAR OF CHURCH		#12	34
35	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	36
37	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	38
39	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	40
41	#12		SPACE		20	1	-	-	1	20	940	940	SPACE		#12	42
TOTAL CONNECTED LOAD (VA) = 54500													GROUND BUS (Ø)			
AØ = 11250													BØ = 11250			



### ELECTRICAL LOAD SUMMARY

**ENERGY POWER COMPANY**

PROJECT NAME: BAYOU BAPTIST CHURCH, SLIDELL, LOUISIANA  
PROJECT ADDRESS: 1341 SULLIVAN DRIVE, SLIDELL, LA 70460  
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 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE IN 120/240V, 1Ø, 3W SERVICE

TOTAL BUILDING SQ. FT.: 6500 SF  
INDIVIDUAL UNIT SQUARE FOOTAGE: SF (MULTI OCCUPANCY)  
INDIVIDUAL UNIT DESIGNATION: (MULTI OCCUPANCY)

LOAD SOURCE	1Ø-KVA	3Ø-KVA	Ø	1Ø-KW	3Ø-KW
BUILDING LIGHTING			0	10-KW	30-KW
ELECTRIC WATER HEATING				6838	
HEAT PUMPS				19464	
AIR COND. CONDENSING UNITS				11000	
ELEC. HEATING (PRIMARY) - AHUS				-	59760
COOKING				60600	
REFRIGERATION				1000	
RECEPTACLES (STANDARD)				360	
RECEPTACLES (COMPUTER)				5760	
TOTAL MOTORS (EXCLUDE HVAC)				-	-
EXTERIOR LIGHTING				210	
MISCELLANEOUS - CEILING FANS				-	-
OTHER (SPECIFY) - PTAC				3500	

# DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE  
554 Old Spanish Trail  
Slidell, LA 70458

www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832 F: 985.641.5950

REVISIONS		
#	DESCRIPTION	DATE

BAPTIST

1341 SULLIVAN DR.  
SLIDELL, LA 70460

JOB No: 2274 DATE: 05/12/2016  
DRAWN BY: XHM CHECKED BY: BAM

Not shown drawings and specifications, design and engineering information, or other data shall remain the property of Dammon Engineering, Inc. and shall be returned to the client upon completion of the project. No part of this drawing shall be copied, reproduced, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written consent of Dammon Engineering, Inc.

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

DRAWING NUMBER:  
**E103**

SHEET NO.: 11 OF 17