PANEL SCHEDULE

PANEL: MDP
LOCATION: ENTERIOR WALL BY METER
FEEDER SOURCE: CLECO

VOLTAGE: 120/240V, 400A, 1Ø, 3W
ENCLOSURE: SURFACE MOUNTED, NEMA 3R FNLBD 400A MB, W/EQUIP GND BAR, 22000 AIC

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AØ	BØ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#6	ZONE 1, CONDENSER UNIT #1 5 TON	50	2	6120			7575	2	70	ZONE 1, AHU #1 5 TON, 15 kw HEAT	#4	2
3					6120			7575					4
5	#6	ZONE 2, CONDENSER UNIT #1 5 TON	50	2	6120			7575	2	70	ZONE 2, AHU #1 5 TON, 15 kw HEAT	#4	6
7					6120			7575					8
9	#6	ZONE 3, CONDENSER UNIT #1 5 TON	50	2	6120			7575	2	70	ZONE 3, AHU #1 5 TON, 15 kw HEAT	#4	10
11					6120			7575					12
13	#6	ZONE 4, CONDENSER UNIT #1 5 TON	50	2	6120			7575	2	70	ZONE 4, AHU #1 5 TON, 15 kw HEAT	#4	14
15					6120			7575					16
17	#10	50 GAL. WATER HEATER IN CEILING - FOR REAR RESTROOMS & KITCHEN	30	2	4500			5292	2	20	30 GAL. WATER HEATER IN 2ND FLR. MECH. RM. FOR FRONT RESTROOMS	#6	18
19					4500			5292					20
21	#8	BAPISTRY WATER HEATER/PUMP	40	2	2750			-	2	150	PANEL P1 - LOCATED IN ELECTRICAL CLOSET	2/0	22
23					2750			-					24
25	#6	RANGE/OVEN RECEPTACLE	50	2	3420			2750	2	40	BAPTISTRY POOL HEATER/PUMP	#6	26
27					3420			2750					28
29	#12	PTAC IN OFFICE #1	20	2	1750								30
31					1750								32
33													34
35													36
37													38
39													40
41													42

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 103,548

AØ = 51,784 | BØ = 51,784

GROUND BUS
GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P1 (EQUIPMENT PANEL)
LOCATION: ELECTRIC CLOSET
FEEDER SOURCE: CLECO

VOLTAGE: 120/240V, 200A, 1Ø, 3W
ENCLOSURE: SURFACE MOUNTED, NEMA 1 FNLBD W/EQUIP GND BAR, MLO, 22000 AIC

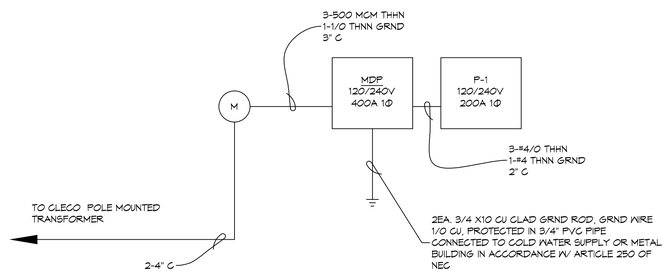
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AØ	BØ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, EAST SIDE OF SANCTUARY, FOYER, MEN'S ROOM	20	1	360			360	1	20	AUDIO VIDEO ROOM ON 2ND FLOOR	#12	2
3	#12	RECEPTACLES, WEST SIDE OF SANCTUARY, FOYER, WOMEN'S ROOM	20	1	360			360	1	20	DEDICATED RECEPTACLE IN AUDIO VIDEO ROOM ON 2ND FLOOR	#12	4
5	#12	RECEPTACLES, 2ND FLOOR LOBBY & MECH. ROOM	20	1	360			360	1	20	RECEPTACLES IN PULPIT, CHOIR LOFT, ELEC. CLOSET	#12	6
7	#12	RECEPTACLES, CLASSROOM GRADES 1 - 3, S.E. HALL	20	1	360			360	1	20	DEDICATED RECEPTACLE IN COPY ROOM	#12	8
9	#12	RECEPTACLES, CLASSROOM GRADES 4 - 7, RECPT. NEAR MDP	20	1	360			360	1	20	RECEPTACLES IN COPY ROOM	#12	10
11	#12	RECEPTACLES, RESTROOMS IN REAR, OFFICE 2	20	1	360			360	1	20	RECEPTACLES IN PRESCHOOL/NURSERY & S/N EXTERIOR	#12	12
13	#12	RECEPTACLES, OFFICE, CLASSROOM GRADES 8 - 12, S/N HALL	20	1	360			360	1	20	RECEPTACLES IN ADULTS RM. & NORTH KITCHEN WALL	#12	14
15	#12	RECEPTACLES, YOUNG ADULTS, SENIOR ADULTS, S/N EXT. RECPT., KIT. AREA OPP. WALL	20	1	360			360	1	20	RECEPTACLES IN KITCHEN	#12	16
17	#12	DEDICATED RECEPTACLE FOR REFRIGERATOR	20	1	360			1000	1	20	DEDICATED RECEPTACLE FOR MICROWAVE	#12	18
19	#12	RECEPTACLE FOR COFFEE MAKER	20	1	360			1000	1	20	DISHWASHER, DISPOSAL	#12	20
21	#12	LIGHTS, FOYER, RESTROOMS AT FRONT ENTRANCE, 2ND FLOOR	20	1	1130			720	1	20	LIGHTS, SUNDAY SCHOOL 1 & 2	#12	22
23	#12	LIGHTS, SANCTUARY EAST SIDE	20	1	315			500	1	20	LIGHTS, EAST HALL	#12	24
25	#12	LIGHTS, SANCTUARY CENTER	20	1	135			540	1	20	LIGHTS, SUNDAY SCHOOL 3, OFFICE 2	#12	26
27	#12	LIGHTS, SANCTUARY WEST SIDE	20	1	315			960	1	20	LIGHTS, WEST HALL, CENTER HALL, COPY ROOM	#12	28
29	#12	LIGHTS, OUTDOOR FLOODLIGHTS	20	1	210			720	1	20	LIGHTS, OFFICE 1, SUNDAY SCHOOL 4	#12	30
31	#12	LIGHTS, KITCHEN	20	1	1240			270	1	20	LIGHTS, BAPISTRY, ELECTRICAL ROOM	#12	32
33	#12	LIGHTS, SUNDAY SCHOOL 5, 6, 7, ATTIC LIGHTS	20	1	1080			765	1	20	LIGHTS, RESTROOMS IN REAR OF CHURCH	#12	34
35													36
37													38
39													40
41													42

SOLID NEUTRAL
NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 34,500

AØ = 17,260 | BØ = 17,240

GROUND BUS
GROUND WIRE (G)



1 ONE LINE DIAGRAM
SCALE: NTS

ELECTRICAL LOAD SUMMARY

ENTERGY 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 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE W/ 120/240V, 1Ø, 3W SERVICE)

TOTAL BUILDING SQ FT: 6500 SF
INDIVIDUAL UNIT SQUARE FOOTAGE: ____ SF (MULT OCCUPANCY)
INDIVUDUAL UNIT DESIGNATION: (MULT OCCUPANCY)

LOAD SOURCE	1Ø-kVA	3Ø-kVA	R O	1Ø-kW	3Ø-kW
BUILDING LIGHTING					
ELECTRIC WATER HEATING					
HEAT PUMPS					
SUPPLEMENTAL HEAT SYSTEMS					
AIR COND CONDENSING UNITS					
ELEC HEATING (PRIMARY) - AHU's					
COOKING					
REFRIGERATION					
RECEPTACLES (STANDARD)					
RECEPTACLES (COMPUTER)					
TOTAL MOTORS (EXCLUDE HVAC)					
EXTERIOR LIGHTING					
MISCELLANEOUS - CEILING FANS					
OTHER (SPECIFY)					

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Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

RENOVATION
BAYOU BAPTIST CHURCH
1341 SULLIVAN DR.
SLIDELL, LA 70460

JOB No: 2214 | DATE: 2/2/2016
DRAWN BY: WWM | CHECKED BY: CKD

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

DRAWING NUMBER:
E103

SHEET No: 1 of #

FILE NAME: J:\-CKD\ACTIVE\2214 - Bayou Baptist Church\Drawing\Current Drawing\E103 - Panel Schedule One-Line Load Summary.dwg PLOT DATE & TIME: Wednesday, April 13, 2016 8:24:30 AM