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	100	PANEL P1 - LOCATED IN ELECTRICAL CLOSET	2/0	22
23					2750		-					24
25	#6	RANGE/OVEN RECEPTACLE	50	2	3420							26
27					3420							28
29												30
31												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

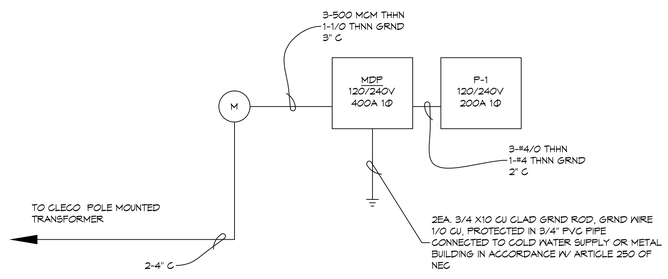
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION – LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	AØ / BØ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION – LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, EAST SIDE OF SANCTUARY, FOYER, MEN'S ROOM	20	1	360		360	1	20	AUDIO VIDEO ROOM ON 2ND FLOOR	#12	2
3	#12	RECEPTACLES, 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	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	RECEPTACLES IN STORAGE RM.	20	1	360		1000	1	20	KITCHEN RECEPTACLES, DISHWASHER, DISPOSAL	#12	20
21												22
23												24
25												26
27												28
29												30
31												32
33												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 2 PHASE 3 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)					

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832 F: 985.641.5950
Chief Engineer: Brian Mistich, PE
534 Oak Shade Trail
Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL:

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

JOB No: 22714 | 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:_CHURCHES\2014 - Bayou Baptist Church\Drawings\Current Drawings\E103 - Panel Schedule, One-Line Load Summary.dwg PLOT DATE & TIME: Monday, March 21, 2016 9:28:11 AM