PANEL SCHEDULE

PANEL: PP1
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: UTILITY
INTERRUPTING RATING = 24 KAIC
VOLTAGE: 240/120V, 400A, 1Φ, 3W WITH MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE-D, I-LINE PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ	LOAD (VA) CΦ	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, BATH ROOM	20	1	540	530	1	20	BATH ROOM 1, EXHAUST FANS AND LIGHTS	#12	2
3	#12	RECEPTACLE, WATER FOUNTAIN	20	1	1000	530	1	20	BATH ROOM 2, EXHAUST FANS AND LIGHTS	#12	4
5	#12	RECEPTACLES, BATH ROOM	20	1	540	300	1	20	LIGHTS, CORRIDOR AND PORCH	#12	6
7		SPARE	20	1		250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9		SPARE	30	2		250					10
11							1	20	SPARE		12
13	#10	WATER HEATER 1	30	2	2500		1	20	SPARE		14
15					2500		1	20	SPARE		16
17	#10	WATER HEATER 2	30	2	2500		1	20	SPARE		18
19					2500		1	20	SPARE		20
21		PREPARED SPACE	-	1			1	-	PREPARED SPACE		22
23		PREPARED SPACE	-	1			1	-	PREPARED SPACE		24
25		PREPARED SPACE	-	1			1	-	PREPARED SPACE		26
27		PREPARED SPACE	-	1			1	-	PREPARED SPACE		28
29		PREPARED SPACE	-	1			1	-	PREPARED SPACE		30
31		PREPARED SPACE	-	1			1	-	PREPARED SPACE		32
33		PREPARED SPACE	-	1			1	-	PREPARED SPACE		34
35	350 KCM	FEEDER TO CAMPER SITES	200	2	28800		1	-	PREPARED SPACE		36
37					28800		1	-	PREPARED SPACE		38
39	350 KCM	FEEDER TO CAMPER SITES	200	2	24000	24000	2	200	FEEDER TO CAMPER SITES	350 KCM	40
41					24000	24000					42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 167,540
AΦ = 83,960 BΦ = 83,580
GROUND BUS GROUND WIRE (G)

PANEL SCHEDULE

PANEL: PP2
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: UTILITY
INTERRUPTING RATING = 24 KAIC
VOLTAGE: 240/120V, 400A, 1Φ, 3W WITH MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE-D, I-LINE PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ	LOAD (VA) CΦ	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, BATH ROOM	20	1	540	530	1	20	BATH ROOM 1, EXHAUST FANS AND LIGHTS	#12	2
3	#12	RECEPTACLE, WATER FOUNTAIN	20	1	1000	530	1	20	BATH ROOM 2, EXHAUST FANS AND LIGHTS	#12	4
5	#12	RECEPTACLES, BATH ROOM	20	1	540	300	1	20	LIGHTS, CORRIDOR AND PORCH	#12	6
7		SPARE	20	1		250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9		SPARE	30	2		250					10
11							1	20	SPARE		12
13	#10	WATER HEATER 1	30	2	2500		1	20	SPARE		14
15					2500		1	20	SPARE		16
17	#10	WATER HEATER 2	30	2	2500		1	20	SPARE		18
19					2500		1	20	SPARE		20
21		PREPARED SPACE	-	1			1	-	PREPARED SPACE		22
23		PREPARED SPACE	-	1			1	-	PREPARED SPACE		24
25		PREPARED SPACE	-	1			1	-	PREPARED SPACE		26
27		PREPARED SPACE	-	1			1	-	PREPARED SPACE		28
29		PREPARED SPACE	-	1			1	-	PREPARED SPACE		30
31		PREPARED SPACE	-	1			1	-	PREPARED SPACE		32
33		PREPARED SPACE	-	1			1	-	PREPARED SPACE		34
35	350 KCM	FEEDER TO CAMPER SITES	200	2	28800		1	-	PREPARED SPACE		36
37					28800		1	-	PREPARED SPACE		38
39	350 KCM	FEEDER TO CAMPER SITES	200	2	28800	24000	2	200	FEEDER TO CAMPER SITES	350 KCM	40
41					28800	24000					42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 177,140
AΦ = 88,760 BΦ = 88,380
GROUND BUS GROUND WIRE (G)

PANEL SCHEDULE

PANEL: PP3
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: UTILITY
INTERRUPTING RATING = 24 KAIC
VOLTAGE: 240/120V, 400A, 1Φ, 3W WITH MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE-D, I-LINE PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ	LOAD (VA) CΦ	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, BATH ROOM	20	1	540	530	1	20	BATH ROOM 1, EXHAUST FANS AND LIGHTS	#12	2
3	#12	RECEPTACLE, WATER FOUNTAIN	20	1	1000	530	1	20	BATH ROOM 2, EXHAUST FANS AND LIGHTS	#12	4
5	#12	RECEPTACLES, BATH ROOM	20	1	540	300	1	20	LIGHTS, CORRIDOR AND PORCH	#12	6
7		SPARE	20	1		250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9		SPARE	30	2		250					10
11							1	20	SPARE		12
13	#10	WATER HEATER 1	30	2	2500		1	20	SPARE		14
15					2500		1	20	SPARE		16
17	#10	WATER HEATER 2	30	2	2500		1	20	SPARE		18
19					2500		1	20	SPARE		20
21		PREPARED SPACE	-	1			1	-	PREPARED SPACE		22
23		PREPARED SPACE	-	1			1	-	PREPARED SPACE		24
25		PREPARED SPACE	-	1			1	-	PREPARED SPACE		26
27		PREPARED SPACE	-	1			1	-	PREPARED SPACE		28
29		PREPARED SPACE	-	1			1	-	PREPARED SPACE		30
31		PREPARED SPACE	-	1			1	-	PREPARED SPACE		32
33		PREPARED SPACE	-	1			1	-	PREPARED SPACE		34
35	350 KCM	FEEDER TO CAMPER SITES	200	2	24000		1	-	PREPARED SPACE		36
37					24000		1	-	PREPARED SPACE		38
39	350 KCM	FEEDER TO CAMPER SITES	200	2	24000	24000	2	200	FEEDER TO CAMPER SITES	350 KCM	40
41					24000	24000					42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 157,940
AΦ = 79,160 BΦ = 78,780
GROUND BUS GROUND WIRE (G)

PANEL SCHEDULE

PANEL: PP4
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: UTILITY
INTERRUPTING RATING = 24 KAIC
VOLTAGE: 240/120V, 400A, 1Φ, 3W WITH MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE-D, I-LINE PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ	LOAD (VA) CΦ	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, BATH ROOM	20	1	540	530	1	20	BATH ROOM 1, EXHAUST FANS AND LIGHTS	#12	2
3	#12	RECEPTACLE, WATER FOUNTAIN	20	1	1000	530	1	20	BATH ROOM 2, EXHAUST FANS AND LIGHTS	#12	4
5	#12	RECEPTACLES, BATH ROOM	20	1	540	300	1	20	LIGHTS, CORRIDOR AND PORCH	#12	6
7		SPARE	20	1		250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9		SPARE	30	2		250					10
11							1	20	SPARE		12
13	#10	WATER HEATER 1	30	2	2500		1	20	SPARE		14
15					2500		1	20	SPARE		16
17	#10	WATER HEATER 2	30	2	2500		1	-	PREPARED SPACE		18
19					2500		1	-	PREPARED SPACE		20
21	#6	WATER WELL *	60	2	3300		1	-	PREPARED SPACE		22
23					3300		1	-	PREPARED SPACE		24
25		PREPARED SPACE	-	1			1	-	PREPARED SPACE		26
27		PREPARED SPACE	-	1			1	-	PREPARED SPACE		28
29		PREPARED SPACE	-	1			1	-	PREPARED SPACE		30
31		PREPARED SPACE	-	1			1	-	PREPARED SPACE		32
33		PREPARED SPACE	-	1			1	-	PREPARED SPACE		34
35	350 KCM	FEEDER TO CAMPER SITES	200	2	24000		1	-	PREPARED SPACE		36
37					24000		1	-	PREPARED SPACE		38
39	350 KCM	FEEDER TO CAMPER SITES	200	2	24000	19200	2	200	FEEDER TO CAMPER SITES	350 KCM	40
41					24000	19200					42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 154,940
AΦ = 77,660 BΦ = 77,280
GROUND BUS GROUND WIRE (G)

PANEL SCHEDULE

PANEL: PP5
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: UTILITY
INTERRUPTING RATING = 24 KAIC
VOLTAGE: 240/120V, 400A, 1Φ, 3W WITH MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE-D, I-LINE PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ	LOAD (VA) CΦ	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, BATH ROOM	20	1	540	530	1	20	BATH ROOM 1, EXHAUST FANS AND LIGHTS	#12	2
3	#12	RECEPTACLE, WATER FOUNTAIN	20	1	1000	530	1	20	BATH ROOM 2, EXHAUST FANS AND LIGHTS	#12	4
5	#12	RECEPTACLES, BATH ROOM	20	1	540	300	1	20	LIGHTS, CORRIDOR AND PORCH	#12	6
7		SPARE	20	1		250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9		SPARE	30	2		250					10
11							1	20	SPARE		12
13	#10	WATER HEATER 1	30	2	2500		1	20	SPARE		14
15					2500		1	20	SPARE		16
17	#10	WATER HEATER 2	30	2	2500		1	-	PREPARED SPACE		18
19					2500		1	-	PREPARED SPACE		20
21	#6	LIFT STATION 2 X 2 HP	50	2	3300		1	-	PREPARED SPACE		22
23					3300		1	-	PREPARED SPACE		24
25		PREPARED SPACE	-	1			1	-	PREPARED SPACE		26
27		PREPARED SPACE	-	1			1	-	PREPARED SPACE		28
29		PREPARED SPACE	-	1			1	-	PREPARED SPACE		30
31		PREPARED SPACE	-	1			1	-	PREPARED SPACE		32
33		PREPARED SPACE	-	1			1	-	PREPARED SPACE		34
35	350 KCM	FEEDER TO CAMPER SITES	200	2	9600		1	-	PREPARED SPACE		36
37					9600		1	-	PREPARED SPACE		38
39	350 KCM	FEEDER TO CAMPER SITES	200	2	24000	24000	2	200	FEEDER TO CAMPER SITES	350 KCM	40
41					24000	24000					42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 135,740
AΦ = 68,060 BΦ = 67,680
GROUND BUS GROUND WIRE (G)

PANEL SCHEDULE

PANEL: PP6
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: UTILITY
INTERRUPTING RATING = 24 KAIC
VOLTAGE: 240/120V, 400A, 1Φ, 3W WITH MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE-D, I-LINE PANELBOARD

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ	LOAD (VA) CΦ	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1		PREPARED SPACE	-	1			1	-	PREPARED SPACE		2
3		PREPARED SPACE	-	1			1	-	PREPARED SPACE		4
5		PREPARED SPACE	-	1		250	2	20	EXTERIOR POLE TOP LIGHTING	#10	6
7		PREPARED SPACE	-	1		250					8
9		PREPARED SPACE	-	1			1	20	SPARE		10
11		PREPARED SPACE	-	1			1	20	SPARE		12
13		PREPARED SPACE	-	1			1	20	SPARE		14
15		PREPARED SPACE	-	1			1	-	PREPARED SPACE		16
17		PREPARED SPACE	-	1			1	-	PREPARED SPACE		18
19		PREPARED SPACE	-	1			1	-	PREPARED SPACE		20
21		PREPARED SPACE	-	1			1	-	PREPARED SPACE		22
23							1	-	PREPARED SPACE		24
25		PREPARED SPACE	-	1			1	-	PREPARED SPACE		26
27							1	-	PREPARED SPACE		28
29		PREPARED SPACE	-	1			1	-	PREPARED SPACE		30
31							1	-	PREPARED SPACE		32
33		SPARE	20	1			1	-	PREPARED SPACE		34
35	350 KCM	FEEDER TO CAMPER SITES	200	2	24000	12000	2	200	OFFICE PANEL		36
37					24000	12000					38
39	350 KCM	FEEDER TO CAMPER SITES	200	2	24000	24000	2	200	FEEDER TO CAMPER SITES	350 KCM	40
41					24000	24000					42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 168,500
AΦ = 84,250 BΦ = 84,250
GROUND BUS GROUND WIRE (G)

* BEFORE ROUTING FEEDER. TO WATER WELL, VERIFY EQUIPMENT AND SIZE CIRCUIT ACCORDINGLY.

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

REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW RECREATIONAL R/V SITE
EXIT 1 R.V. RESORT, LLC.
CLYDE MEITZIER ROAD
NICHOLSON MS MISSISSIPPI 39466

The above drawings and specifications, designs and arrangements represented thereby are and shall remain the property of Dammon Engineering, and no part thereof shall be copied, disclosed to others, or used in connection with any work or project other than the specific project for which the have been prepared and developed without written consent of Dammon Engineering. Visual contact with these drawings or specifications shall constitute conclusive evidence of acceptance of these restrictions.

JOB No: 2436 DATE: 03-28-2024
DRAWN BY: DD/JTL CHECKED BY: BAM

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER: E104