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/CΦ	LOAD (VA)	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	#12	RECEPTACLE, WASHER	20	1	500	250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9	#10	DRYER	30	2	2500	250					10
11					2500		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) = 173,040 — AΦ = 86,460 — BΦ = 86,580 — 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/CΦ	LOAD (VA)	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	#12	RECEPTACLE, WASHER	20	1	500	250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9	#10	DRYER	30	2	2500	250					10
11					2500		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) = 182,640 — AΦ = 91,260 — BΦ = 91,380 — 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/CΦ	LOAD (VA)	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	#12	RECEPTACLE, WASHER	20	1	500	250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9	#10	DRYER	30	2	2500	250					10
11					2500		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) = 163,440 — AΦ = 81,660 — BΦ = 81,780 — 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/CΦ	LOAD (VA)	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	#12	RECEPTACLE, WASHER	20	1	500	250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9	#10	DRYER	30	2	2500	250					10
11					2500		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) = 160,440 — AΦ = 80,160 — BΦ = 80,280 — 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/CΦ	LOAD (VA)	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	#12	RECEPTACLE, WASHER	20	1	500	250	2	20	EXTERIOR POLE TOP LIGHTING	#10	8
9	#10	DRYER	30	2	2500	250					10
11					2500		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	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) = 170,040 — AΦ = 84,960 — BΦ = 85,080 — 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/CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPTACLES, MAIN ROOM	20	1	1260	600	1	20	LIGHTING, EQUIPMENT ROOM, BATHROOM, EXTERIOR	#12	2
3	#12	RECEPTACLES, OFFICE	20	1	1260	900	1	20	LIGHTING, EQUIPMENT ROOM, BATHROOM, EXTERIOR	#12	4
5	#12	RECEPTACLES, EQUIPMENT ROOM BATH ROOMS, COUNTER	20	1	1080	250	2	20	EXTERIOR POLE TOP LIGHTING	#10	6
7	#12	RECEPTACLE, COUTER	20	1	180	250					8
9	#12	RECEPTACLE, COOLER 1	20	1	1200		1	20	SPARE		10
11	#12	RECEPTACLE, COOLER 2	20	1	1200		1	20	SPARE		12
13	#12	RECEPTACLE, COOLER 3	20	1	1200		1	20	SPARE		14
15	#12	RECEPTACLE, WATER FOUNTAIN	20	1	1000		1	-	PREPARED SPACE		16
17	#12	SMALL APPLIANCE RECEPTACLE	20	1	1500		1	-	PREPARED SPACE		18
19	#12	SMALL APPLIANCE RECEPTACLE	20	1	1500		1	-	PREPARED SPACE		20
21	#10	WATER HEATER	30	1	2500		1	-	PREPARED SPACE		22
23					2500		1	-	PREPARED SPACE		24
25	#10	AHU	30	1	1800		1	-	PREPARED SPACE		26
27					1800		1	-	PREPARED SPACE		28
29	#12	CU	20	1	1000		1	-	PREPARED SPACE		30
31					1000		1	-	PREPARED SPACE		32
33		SPARE	20	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) = 167,980 — AΦ = 84,390 — BΦ = 83,590 — GROUND BUS / GROUND WIRE (G)

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

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REVISIONS
#	DESCRIPTION	DATE

SEAL:

NEW RECREATIONAL R/V SITE
EXIT 1 R.V. RESORT, LLC.
CLYDE MEITZIER ROAD
NICHOLSON MS MISSISSIPPI 39466
JOB No: 2436 DATE: 03-28-2024
DRAWN BY: DD/JTL CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER:
E104

SHEET No: 19 of 19