FILE NAME: J:\~ Office Warehouse\2498 ~ Rip Stoltz 429 South Street Slidell\Drawings\Current Drawings\E104 ~ Schedules.dwg PLOT DATE & TIME: Wednesday, August 20, 2025 10:28:29 AM

PANEL SCHEDULE

PANEL: P1
LOCATION: ELECTRICAL CLOSET
FEEDER SOURCE: UTILITY
VOLTAGE: 240/120V, SINGLE PHASE, W 200A MCB
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR MURRAY TYPE LC LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1		AIR CONDITIONER	60	2	5000	5000	2	60	HEAT		2
3					5000	5000					4
5		RECEPT	20	1	500	5000	2	60	HEAT		6
7		RECEPT	20	1	500	5000					8
9		RECEPT	20	1	500	200	1	20	EMER LIGHT		10
11		RECEPT	20	1	500	500	1	20	LIGHT		12
13		REFRIG	20	1	500	500	1	20	LIGHT		14
15		LIGHTS	20	1	500	500	1	20	LIGHT		16
17		LIGHTS	20	1	500	500	1	20	LIGHT		18
19		LIGHTS	20	1	500	500	1	20	RECEPT		20
21		ORCA 64	40	2	3500	500	1	20	RECEPT		22
23					3500	500	1	20	LIGHT		24
25		100KW BATTERY CHARGER	15	1	1000	500	1	20	1S.T.		26
27		OFF 2 PANEL	60	2	3000	500	2	20	WATER HEATER		28
29					3000	500					30
31											32

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 53,200
AΦ = 27,200 BΦ = 21,000
GROUND BUS GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P2
LOCATION: ELECTRICAL CLOSET
FEEDER SOURCE: UTILITY
VOLTAGE: 240/120V, SINGLE PHASE, W 200A MCB
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR MURRAY TYPE LC LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1		AIR COMP	60	2	5000	5000	2	60	WELDER		2
3					5000	5000					4
5		DISCONNECT COMP.	50	2	4000	500	1	20	RECEPT		6
7					4000	500	1	20	RECEPT		8
9		RECEPT	20	1	500	500	1	20	E. WALL PRINTER		10
11		SHOP LIGHT	20	1	500	500	1	20	LASER VENT FAN		12
13		LIGHT	20	1	500	500	1	20	RECEPT		14
15		SPARE	20	1	0	1000	1	20	HOT WATER		16
17		RECEPT	20	1	500	5000	2	60	AHU		18
19		SUB PANEL ON THE WALL TO THE LEFT	50	2	2000	5000					20
21					2000	500	1	20	EXHAUST FAN		22
23		WARE HOUSE DOOR	20	1	500	0	2	20	TVSS		24
25		ROLAND PRINT MACHINE	30	1	500	0					26
27		BUCK BOOST TRANSFORMERS ON RIGHT	40	2	3000	3000	2	40	UNKNOWN		28
29					3000	3000					30
31											32

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 60,100
AΦ = 31,000 BΦ = 30,000
GROUND BUS GROUND WIRE (G)

PANEL SCHEDULE

PANEL: PP3
LOCATION: WEST WALL CENTER
FEEDER SOURCE: UTILITY
VOLTAGE: 408/120V, 200A,3Φ, 4W W/MLO
ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1		A/C	60	3	3500	3500	3	60	A/C		2
3					3500	3500					4
5					3500	3500					6
7		SPACE				500	3	20	CORD REELS		8
9		HIGH LEG				3000	3	50	WELDER		10
11		FILM LAM	40	3	2000	3000					12
13					2000				SPACE		14
15		HIGH LEG							HIGH LEG		16
17		COMP	60	3	2000				SPACE		18
19					2000				SPACE		20
21					2000				HIGH LEG		22
23		DRYER	20	1	500				SPACE		24
25		GFI	20	1	500	500	1	20	LIGHTS		26
27		HIGH LEG							HIGH LEG		28
29		GFI	20	1	500	500	1	20	LIGHTS		30
31		OUTSIDE LIGHTS	20	1	500	500	1	20	LIGHTS		32
33		HIGH LEG							HIGH LEG		34
35		GFI / EMER	20	1	500	200	1	20	DOOR OPENER		36
37		GFI	20	1	500		1	20	SPARE		38
39		HIGH LEG							HIGH LEG		40
41		DOOR OPENER	20	1	200		1	20	SPARE		42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) =42,200
AΦ = 14,000 BΦ = 12,000 CΦ = 16,200
GROUND BUS GROUND WIRE (G)

EXISTING PANELS

PANEL SCHEDULE

PANEL: P4
LOCATION: WEST WALL, NORTH
FEEDER SOURCE: DISCONNECT SWITCH IN ELECTRICAL CLOSET
VOLTAGE: 240/120, 100A, SINGLE PHASE, W/ MLO
ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1	#12	LIGHTS	20	1	700	1080	1	20	RECEPTACLES ROOM TO THE NORTH	#12	2
3	#12	LIGHTS AND EXHAUST FAN RESTROOM	20	1	300	1440	1	20	RECEPTACLES THIS ROOM AND OUTSIDE NEAR A/C UNIT	#12	4
5	#12	MS-1, MINI SPLIT, NORTH END	50	1	2200		1	20	SPARE		6
7					2200		1	20	SPARE		8
9		SPACE							SPACE		10
11		SPACE							SPACE		12

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 7920
AΦ = 3,980 BΦ = 3,940
GROUND BUS GROUND WIRE (G)

PANEL SCHEDULE

PANEL: P5
LOCATION: NEW WAREHOUSE
FEEDER SOURCE: UTILITY
VOLTAGE: 240/120, 200A, SINGLE PHASE, W/ MLO
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1	#10	HVAC / FURNACE-1	30	1	1800	1400	1	20	EVAPORATOR-1	#12	2
3					1800	1400					4
5	#10	HVAC / FURNACE-2	20	1	1800	1400	1	20	EVAPORATOR-1	#12	6
7					1800	1400					8
9	#12	RECEPTCLES WEST SIDE	20	1	1080						10
11	#12	RECEPTACLES EAST SIDE	20	1	1080						12
13	#12	LIGHTS, INTERIOR	20	1	400						14
15	#12	LIGHTS, EXTERIOR	20	1	400						16
17											18
19											20
21											22
23											24
25											26
27											28
29											30
31											32

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) =15,760
AΦ = 7,880 BΦ = 7,880
GROUND BUS GROUND WIRE (G)

NEW PANELS

31 SCHEDULES
SCALE: N.T.S.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW WAREHOUSE
SEC-SPECIALITY ENHANCED IMAGING
429 SOUTH STREET
SLIDELL, LA 70460

JOB No: 2498 DATE: 08-20-2025
DRAWN BY: DD/JTL CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES, SECOND FLOOR

DRAWING NUMBER:
E104

SHEET No: 14 of 15