FILE NAME: J:\1 Office Warehouse\2498 - Big Shot\ 425 South Street Slidell\Drawings\Current Drawings\E104 - Schedules.dwg PLOT DATE & TIME: Tuesday, August 12, 2025, 9:14:21 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)	AΦ BΦ	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	15.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 (N)
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)	AΦ BΦ	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		MAIN HOUSE DOOR	20	1	500		0	2	20	TV'S6		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 (N)
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)	AΦ BΦ CΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1		A/C	60	3	3500		3500					2
3					3500		3500	3	60	A/C		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 (N)
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)	AΦ CΦ	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	900		1440	1	20	RECEPTACLES THIS ROOM AND OUTSIDE NEAR A/C UNIT	#12	4
5	#12	MS-1, MINI SPLIT, NORTH END	30	1	2200			1	20	SPARE		6
7					2200			1	20	SPARE		8
9		SPACE								SPACE		10
11		SPACE								SPACE		12

SOLID NEUTRAL NEUTRAL WIRE (N)
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, 100A, 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)	AΦ BΦ	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 (N)
TOTAL CONNECTED LOAD (VA) =15,760
AΦ = 7,880 BΦ = 7,880
GROUND BUS GROUND WIRE (G)

NEW PANELS

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW WAREHOUSE
SEC-SPECIALITY
EHANCED
_MAGING
425 SOUTH STREET
SLIDELL, LA 70460

JOB No: 2498
DRAWN BY: DD/JTL
DATE: 07-24-2025
CHECKED BY: BAM

The plans & drawings and specifications, designs and arrangements represented thereon and thereby are and shall remain the property of Dammon Engineering, and no part thereof shall be copied, disclosed to or used in connection with any work or other project other than the specific project for which they have been prepared and developed without the written consent of Dammon Engineering. Any such unauthorized use shall be at the user's sole risk and without liability to Dammon Engineering and the user shall indemnify and hold harmless Dammon Engineering against all damages, losses and expenses arising out of or resulting therefrom.

SHEET TITLE:
ELECTRICAL PANEL SCHEDULES, SECOND FLOOR

DRAWING NUMBER:
E104

SHEET No: 50 of 11