

PANEL SCHEDULE

PANEL:		MDP ELECTRICAL EQUIPMENT ROOM		INTERRUPTING RATING: 20 KAIC		VOLTAGE: 208/120V, 400A, 3Ø, 4 WIRE		ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR 3Ø D TYPE GO LOAD CENTER	
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP POLE			POLE AMP	LOCATION		
1		PANEL 'MA'	125 3	9600	19200				2
3				9600	15400	3 225	PANEL 'LA'		4
5				8600	14800				6
7		AUTOMATIC TRANSFER SWITCH FOR PANEL 'EP'	200 3	15600	2400				8
9				15200	8700	3 225	PANEL 'LB'		10
11				12400	7400				12
13		SPARE	200 3	0	0				14
15				0	0	3 225	SPARE		16
17				0	0				18

SOLID NEUTRAL NEUTRAL WIRE (N) TOTAL CONNECTED LOAD (VA) = 139100 GROUND BUS GROUND WIRE (G)

AD = 47200 BO = 48400 CO = 43000

PANEL SCHEDULE

PANEL:		MA ELECTRICAL EQUIPMENT ROOM		INTERRUPTING RATING: 20 KAIC		VOLTAGE: 208/120V, 200A, 3Ø, 4 WIRE		ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR 3Ø D TYPE GO LOAD CENTER	
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP POLE			POLE AMP	LOCATION		
1		CU-1	50 2	2700	2700	2 50			2
3				2700	2700		CU-5		4
5		CU-2	40 2	2200	2200	2 40			6
7				2200	2200		CU-6		8
9		CU-3	50 2	2700	1500	2 30			10
11				2700	1500		CU-4		12
13		SPARE	30 2	0	0	2 30			14
15				0	0				16
17				0	0				18
19		SPARE	40 2	0	0	2 40			20
21				0	0				22
23		SPARE	50 2	0	0	2 50			24

SOLID NEUTRAL NEUTRAL WIRE (N) TOTAL CONNECTED LOAD (VA) = 28000 GROUND BUS GROUND WIRE (G)

AD = 9800 BO = 9800 CO = 8800

PANEL SCHEDULE

PANEL:		LA ELECTRICAL EQUIPMENT ROOM		INTERRUPTING RATING: 20 KAIC		VOLTAGE: 208/120V, 225A, 3Ø, 4 WIRE		ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR 3Ø D TYPE GO LOAD CENTER	
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP POLE			POLE AMP	LOCATION		
1	#12	LIGHTS (ELEG. OFFICE, STO. DIRTY UTILITY, CONSULT)	20 1	1100	200	1 20	RECEPT (CONFERENCE/BREAK)	#12	2
3	#12	LIGHTS (CORRIDOR, VITALS, PHLEBOTOMY)	20 1	1100	800	1 20	RECEPT (CONFERENCE/BREAK REFRIGERATOR)	#12	4
5	#12	LIGHTS (WAITING, RECEPT, RR, OFFICE, CONSULT)	20 1	800	700	1 20	RECEPT (CONFERENCE/BREAK COLL. PHLEB.)	#12	6
7	#12	LIGHTS (OFFICE, CONSULT)	20 1	700	400	1 20	RECEPT (NURSE STATION)	#12	8
9	#12	LIGHTS (EXAM ROOM, RR)	20 1	1400	400	1 20	RECEPT (NURSE STATION)	#12	10
11	#12	RECEPT (WAITING ROOM, COFFEE MAKER)	20 1	1400	400	1 20	RECEPT (NURSE STATION)	#12	12
13	#12	RECEPT (ELEG. DIRTY UTILITY, CORRIDOR)	20 1	1400	200	1 20	RECEPT (NURSE STATION)	#12	14
15	#12	RECEPT (OFFICE)	20 1	1100	200	1 20	RECEPT (NURSE STATION)	#12	16
17	#12	RECEPT (OFFICE)	20 1	1400	400	1 20	RECEPT (EXAM 3)	#12	18
19	#12	RECEPT (DIRTY UTILITY)	20 1	500	700	1 20	RECEPT (EXAM 4)	#12	20
21	#12	RECEPT (CONSULT, OFFICE)	20 1	1400	700	1 20	RECEPT (PATIENT RR, CORRIDOR)	#12	22
23	#12	RECEPT (STAFF, RR, FINANCIAL COUNSELING)	20 1	1100	700	1 20	RECEPT (EXAM 5)	#12	24
25	#12	RECEPT (RECEPTION)	20 1	1100	200	1 20	RECEPT (VITALS)	#12	26
27	#12	RECEPT (WAITING)	20 1	900	200	1 20	RECEPT (VITALS)	#12	28
29	#12	RECEPT (DRINKING FOUNTAIN)	20 1	500	200	1 20	RECEPT (VITALS)	#12	30
31	#12	RECEPT (DRINKING FOUNTAIN)	20 1	500	200	1 20	RECEPT (VITALS)	#12	32
33	#12	RECEPT (NURSING OFFICE)	20 1	400	700	1 20	RECEPT (EXAM 1)	#12	34
35	#12	RECEPT (NURSING OFFICE)	20 1	1000	900	1 20	RECEPT (EXAM 2)	#12	36
37	#12	RECEPT (NURSING OFFICE)	20 1	1000	400	1 20	RECEPT, DATA (MEZZANINE)	#12	38
39	#12	RECEPT (NURSING OFFICE)	20 1	700	400	1 20	RECEPT, DATA (MEZZANINE)	#12	40
41	#12	RECEPT (NURSING OFFICE)	20 1	700	700	1 20	RECEPT, MECHANICAL MEZZANINE	#12	42
43	#12	RECEPT (NURSING OFFICE)	20 1	1400	2500	2 30	PROVISION FOR SPLIT SYSTEM (MECHANICAL MEZZANINE)	#10	44
45	#12	RECEPT (OFFICE, CORRIDOR)	20 1	1100	2500				46
47	#12	RECEPT (CLEAN UTILITY)	20 1	1100		1 20	SPARE		48
49	#12	RECEPT (COLLECTION, CONF/BREAK, CORRIDOR)	20 1	700		1 20	SPARE		50
51	#12	RECEPT (CONFERENCE/BREAK, DISHWASHER)	20 1	1400		1 20	SPARE		52
53	#12	RECEPT (CONFERENCE/BREAK)	20 1	400	1100	1 20	CONFERENCE/BREAK 100 - DISPOSAL	#12	54

SOLID NEUTRAL NEUTRAL WIRE (N) TOTAL CONNECTED LOAD (VA) = 49200 GROUND BUS GROUND WIRE (G)

AD = 19200 BO = 15400 CO = 14800

PANEL SCHEDULE

PANEL:		LB ELECTRICAL EQUIPMENT ROOM		INTERRUPTING RATING: 20 KAIC		VOLTAGE: 208/120V, 225A, 3Ø, 4 WIRE		ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR 3Ø D TYPE GO LOAD CENTER	
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP POLE			POLE AMP	LOCATION		
1	#12	MH-01, MECHANICAL MEZZANINE	20 1	1000	1000	1 20	LIGHTS, PARKING LOT	#12	2
3	#12	CP-01, MECHANICAL MEZZANINE	15 1	500	100	1 20	LIGHTS, EXTERIOR	#12	4
5		SPARE	20 1		300	1 20	LIGHTING CONTACTOR 'G1'	#12	6
7	#12	EP-01, EQUIPMENT MEZZANINE	15 1	700		1 20	SPARE		8
9	#12	EW-01	20 2	1500		1 20	SPARE		10
11				1500		1 20	SPARE		12
13	#12	DCU-01 ANS D55-01	20 2	1000		1 20	SPARE		14
15				1000		1 20	SPARE		16
17		SPARE	20 1			1 20	SPARE		18
19	#10	F/E-01, EQUIPMENT MEZZANINE	30 1	1400		1 20	SPARE		20
21	#10	F/E-02, EQUIPMENT MEZZANINE	25 1	1700		1 20	SPARE		22
23	#10	F/E-03, EQUIPMENT MEZZANINE	30 1	1400		1 20	SPARE		24
25	#12	F/E-04, EQUIPMENT MEZZANINE	20 1	1200		1 20	SPARE		26
27	#10	F/E-05, EQUIPMENT MEZZANINE	30 1	1400		1 20	SPARE		28
29	#10	F/E-06, EQUIPMENT MEZZANINE	25 1	1700		1 20	SPARE		30
31	#12	DH-01, EQUIPMENT MEZZANINE	20 1	1000		1 20	SPARE		32
33	#12	DH-02, EQUIPMENT MEZZANINE	20 1	1000		1 20	SPARE		34
35	#12	DH-03, EQUIPMENT MEZZANINE	20 1	1000		1 20	SPARE		36
37	#12	DH-04, EQUIPMENT MEZZANINE	20 1	600		1 20	SPARE		38
39	#12	DH-05, EQUIPMENT MEZZANINE	20 1	1000		1 20	SPARE		40
41	#12	DH-06, EQUIPMENT MEZZANINE	20 1	1000		1 20	SPARE		42
43		SPARE	20 1			1 20	SPARE		44
45		SPARE	20 1			1 20	SPARE		46
47		SPARE	20 1			1 20	SPARE		48
49		SPARE	20 1			1 20	SPARE		50
51		SPARE	20 1			1 20	SPARE		52
53		SPARE	20 1			1 20	SPARE		54

SOLID NEUTRAL NEUTRAL WIRE (N) TOTAL CONNECTED LOAD (VA) = 24800 GROUND BUS GROUND WIRE (G)

AD = 8400 BO = 8700 CO = 7400

PANEL SCHEDULE

PANEL:		EP ELECTRICAL EQUIPMENT ROOM		INTERRUPTING RATING: 20 KAIC		VOLTAGE: 208/120V, 225A, 3Ø, 4 WIRE		ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR 3Ø D TYPE GO LOAD CENTER	
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
		LOCATION	AMP POLE			POLE AMP	LOCATION		
1	#12	MEDICAL GAS ALARM PANEL	20 2	300	300	1 20	FACP	#12	2
3				1900		1 20	SPARE		4
5	#12	AHU-1	20 3	1400	1700	1 20	LIGHTS, PRIMARY LAB	#12	6
7				1400	1100	1 20	LIGHTS, ADVANCED LAB PROCEDURE	#12	8
9	#12	FH-01	20 2	1500	100	1 15	EF-05	#12	10
11				1500	700	1 15	EF-06	#12	12
13						1 20	SPARE		14
15				1400		2 25	CU-07a	#10	16
17	#10	CU-07b	25 2	1400	1400				18
19				1400	500	1 20	PATIENT TABLE, PROCEDURE	#12	20
21		SPARE	20 1		500	1 20	NKON MICROSCOPE ADVANCED LAB	#12	22
23	#12	PROVISIONS FOR UV LIGHT ON AHU-01	20 1	200	500	1 20	OLYMPUS MICROSCOPE ADVANCED LAB	#12	24
25	#12	RECEPT, PRIMARY LAB	20 1	400	500	1 20	FULL SIZE INCUBATOR ADVANCED LAB	#12	26
27	#12	RECEPT, PRIMARY LAB	20 1	400	500	1 20	6 WORK STATION ADVANCED LAB	#12	28
29	#12	RECEPT, PRIMARY LAB	20 1	400	500	1 20	4 WORK STATION ADVANCED LAB	#12	30
31	#12	RECEPT, PRIMARY LAB	20 1	400	500	1 20	4 WORK STATION ADVANCED LAB	#12	32
33	#12	RECEPT, PRIMARY LAB	20 1	400	500	1 20	MING BENCH TOP INCUBATOR ADVANCED LAB	#12	34
35	#12	RECEPT, FLOOR BOX, PRIMARY LAB	20 1	700	500	1 20	MING BENCH TOP INCUBATOR ADVANCED LAB	#12	36
37	#12	RECEPT, PRIMARY LAB	20 1	500	500	1 20	MING BENCH TOP INCUBATOR ADVANCED LAB	#12	38
39	#12	RECEPT, PROCEDURE	20 1	500		1 20	SPARE		40
41	#12	RECEPT, PROCEDURE	20 1	500		1 20	SPARE		42
43	#1	EDH-01	100 2	1500		1 20	SPARE		44
45				1500		1 20	SPARE		46
47	#12	FIRE ALARM BELL	20 1	500		1 20	SPARE		48
49						1 20	SPARE		50
51		SPARE	20 1			1 20	SPARE		52
53		SPARE	20 1			1 20	SPARE		54

SOLID NEUTRAL NEUTRAL WIRE (N) TOTAL CONNECTED LOAD (VA) = 49400 GROUND BUS GROUND WIRE (G)

AD = 15000 BO = 15200 CO = 12400

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

www.dammonengineering.com
info@dammon.com
504-885-6464
Sibley, LA 70488

Electrical Engineer: Brian Natch, PE
504-885-6464
Sibley, LA 70488

REVISIONS	DATE	DESCRIPTION

SEAL:

PROGRESS SET

NEW MEDICAL OFFICE
DIANA OAK HARBOR REAL ESTATE LLC

540 OAK HARBOR BLVD
SIBLEY, LA 70488

JOB No: 2519 DATE: 06-09-2025
DRAWN BY: BMM CHECKED BY: BMM

SHEET TITLE: POWER PANELS
DRAWING NUMBER: **14**

SHEET No: 50 of 52