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ARCHITECTURE  
ENGINEERING  
STUDIES  
PLANNING  
INVESTIGATION  
EXPERT WITNESS

SOUTHEAST  
LOUISIANA  
VETERAN'S  
HEALTH CARE  
SYSTEM

SUITE C  
ELECTRICAL  
SCHEDULES &  
DIAGRAM

REV:

SCALE: AS NOTED

JOB#: 2011

DATE: 04-06-09

SHEET 13

**E-3**

OF 14

PANEL: MDP-3		VOLTAGE: 208/120V, 225A 3 $\phi$ , 4W MLO W/225A MBKR											
LOCATION: SOUTHEAST LOUISIANA VETERAN'S HEALTH CARE SUITE C		ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR											
FEEDER SOURCE: CLECO		22000 AIC											
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION		BREAKER	LOAD (VA)	LOAD		BREAKER	LOAD DESCRIPTION		THHN WIRE SIZE	CKT. NO.	
		LOCATION	AMP POLE			(VA)	POLE AMP		LOCATION				
1	#6	AHU #1	60 3	16000	6400	3	100		PL-3	#2	2		
3	#6	15 KW			6300						4		
5	#6				7300						6		
7	#10	V. V. T. TRANSFORMER	30 1	-	-	1	30		V. V. T. TRANSFORMER	#10	8		
9	#10	V. V. T. TRANSFORMER	30 1	-	-	1	30		V. V. T. TRANSFORMER	#10	10		
11	#10	WATER HEATER	30 2	9000	960	1	20		WAITING 100, NURSE 101, & NURSE 102 RECEPTACLES	#12	12		
13	#10	50 GAL			960	1	20		CORRIDOR 105, HALL 106, & ALCOVE 110 RECEPTACLES	#12	14		
15	#12	RESTROOM 107 RECEPTACLES	20 1	480	160	1	20		RESTROOM 108 RECEPTACLE	#12	16		
17	#12	COMPUTER LAB 109, ROOMS 111 & 112 RECEPTACLES	20 1	800	800	1	20		GROUP ROOM 114 RECEPTACLES	#12	18		
19	#12	M. H. PROVIDER 115 RECEPTACLES	20 1	800	800	1	20		M. H. PROVIDER 116 RECEPTACLES	#12	20		
21	#12	M. H. PROVIDER 117 RECEPTACLES	20 1	800	800	1	20		PROGRAM COORDINATOR 118 RECEPTACLES	#12	22		
23	#12	BREAKROOM 119 RECEPTACLES	20 1	1120	160	1	20		ROOM 119 REFRIGERATOR RECEPTACLE	#12	24		
25	#12	ROOM 119 MICROWAVE RECEPTACLE	20 1	160	160	1	20		RESTROOM 120 RECEPTACLE	#12	26		
27	#12	HALL 121 & CORRIDOR 125 RECEPTACLES	20 1	960	640	1	20		OFFICE 122 RECEPTACLES	#12	28		
29	#12	ALCOVE 123 SCALES RECEPTACLES	20 1	960	800	1	20		HALL 124 & PSYCHO. SOCIAL REHAB 126 RECEPTACLES	#12	30		
31	#12	TRAINERS 127 & CWT 128	20 1	1280	1280	1	20		SUBSTANCE ABUSE 129 & PTSD 130 RECEPTACLES	#12	32		
33	#12	FAMILY 131 & BIO FEEDBACK 132 RECEPTACLES	20 1	1280	160	1	20		EXTERIOR GFI RECEPTACLE	#12	34		
35	#12	NURSES 101 & 102, AND OFFICE 122 COMPUTERS	20 1	600	1000	1	20		COMPUTER LAB 109 & ROOM 111 COMPUTERS	#12	36		
37	-	SPACE	-	-	-	-	-		SPACE	-	38		
39	-	SPACE	-	-	-	-	-		SPACE	-	40		
41	-	SPACE	-	-	-	-	-		SPACE	-	42		
		TOTAL CONNECTED LOAD (VA)=62,920				GROUND BUS							
		A $\phi$ =21,673		B $\phi$ =16,914		C $\phi$ =24,333							

PANEL: PL-3		VOLTAGE: 208/120V, 150A 3 $\phi$ , 4W MLO											
LOCATION: SOUTHEAST LOUISIANA VETERAN'S HEALTH CARE SUITE C		ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR											
FEEDER SOURCE: CLECO		22000 AIC											
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION		BREAKER	LOAD (VA)	LOAD		BREAKER	LOAD DESCRIPTION		THHN WIRE SIZE	CKT. NO.	
		LOCATION	AMP POLE			(VA)	POLE AMP		LOCATION				
1	#12	ROOMS 112 & 114 COMPUTERS	20 1	1200	1000	1	20		ROOMS 115, 116, 117, 118 COMPUTERS & 119 DATA OUTLET	#12	2		
3	#12	PSYCHO SOCIAL REHAB 126 & TRAINERS 127 COMPUTERS	20 1	400	1000	1	20		ROOMS 128, 129, 130, 131, & 132 COMPUTERS	#12	4		
5	#12	WAITING ROOM 100 & HALLS 103, 105, 106, & 121 LIGHTS	20 1	1200	900	1	20		NURSES OFFICES 101, 102, & CLOSET 104 LIGHTS	#12	6		
7	#12	CORRIDOR 105 & ALCOVE 110 LIGHTS	20 1	1200	800	1	20		RESTROOMS 107 & 108 LIGHTS	#12	8		
9	#12	COMPUTER LAB 109, ROOMS 111, 112, & 113 LIGHTS	20 1	1100	1200	1	20		GROUP ROOM 114 LIGHTS	#12	10		
11	#12	M. H. PROVIDERS 115 & 116 LIGHTS	20 1	1200	1200	1	20		M. H. PROVIDER 117 & PROGRAM COORD. 118 LIGHTS	#12	12		
13	#12	BREAKROOM 119 & RESTROOM 120 LIGHTS	20 1	1000	800	1	20		OFFICE 122 LIGHTS	#12	14		
15	#12	ALCOVE 123, HALL 124, & CORRIDOR 125 LIGHTS	20 1	1200	1000	1	20		CORRIDOR 125 LIGHTS	#12	16		
17	#12	OFFICES 126, 127, & 128 LIGHTS	20 1	1200	1600	1	20		OFFICES 129, 130, 131, & 132 LIGHTS	#12	18		
19	#12	EXIT LIGHTS	20 1	200	200	1	20		EMERGENCY LIGHTS	#12	20		
21	#12	EXTERIOR LIGHTS	20 1	200	200	1	20		ATTIC LIGHTS	#12	22		
23	-	SPACE	-	-	-	-	-		SPACE	-	24		
25	-	SPACE	-	-	-	-	-		SPACE	-	26		
27	-	SPACE	-	-	-	-	-		SPACE	-	28		
29	-	SPACE	-	-	-	-	-		SPACE	-	30		
		TOTAL CONNECTED LOAD (VA)=20,000				GROUND BUS							
		A $\phi$ =6,400		B $\phi$ =6,300		C $\phi$ =7,300							

