

0' 6" 1 1 0 2 0 4 0 8 0 4 0 16  
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

TYPE: BOLT-ON

MOUNTING: SURFACE

FED FROM: MDP-411

SCCR: 10,000

LOCATION: ELEC. 125

411

SOLID NEUTRAL

GROUND BUS

CONNECTED 24.5 kVA

MAIN: 125 AMCB

VOLTS: 120/208 Wye

PHASE: 3

WIRE: 4

DEMAND: 24.51 kVA

Panel Notes:

CKT NO.	LOAD DESCRIPTION	AMP	POLES	A	B	C	POLES	AMP	LOAD DESCRIPTION	CKT NO.
EM-1-1	EM LIGHTING	20 A	1	0.36	0		1	20 A	EXIT SIGNS	EM-1-2
EM-1-3	CART RM RECEPTACLE	20 A	1		0.18	0.2		1	20 A	MEDICAL ALARM PANEL
EM-1-5	NURSE CALL TERMINAL CABINET	20 A	1			0.18	1.08	1	20 A	RECEPTACLES (REST RM 102,103,104)
EM-1-7	FACP-ADDRESSABLE	20 A	1	0.2	1.08			1	20 A	RECEPTACLES (REST RM 110,111,112)
EM-1-9	RECEPTACLES (REST RM 105,106)	20 A	1		0.72	0.2		1	20 A	ADA DOOR OPERATOR
EM-1-11	RECEPTACLES (REST RM 113,115)	20 A	1			0.72	0.2	1	20 A	HOOD
EM-1-13	ADA DOOR OPERATOR	20 A	1	0.2	0.5			1	20 A	NURSE CALL
EM-1-15	ADA DOOR OPERATOR	20 A	1		0.2	0.75		2	20 A	IT RACK
EM-1-17	BATTERY CHARGER	20 A	1			1	0.75	--	--	--
EM-1-19	RECEPTACLES IT & ELEC RM	20 A	1	0.72	0.05			1	20 A	EM LIGHTING
ST EM-1-21	BLR-2	20 A	1		1.8			2	20 A	FCU-6 & FCU-15
EM-1-23	LIGHTING	20 A	1			0.22	0.4	2	20 A	FCU-6 & FCU-15
EM-1-25	BLR-1	20 A	1	1.8	0.4			--	--	--
EM-1-27	EM LIGHT EXTERIOR	20 A	1		0.21	0.75		2	20 A	IT RACK
EM-1-29	SPACE FOR ST	--	--			0	0.75	--	--	--
EM-1-31	GEN LIGHTING, POWER	20 A	1	0.2	1.71			1	20 A	LIGHTING
EM-1-33	JACKET HEATER	20 A	2		1.5	0		--	--	--
EM-1-35	--	--	--			1.5	0.18	1	20 A	MEDICAL SUPPLY RECEPTACLE - OMNI...
EM-1-37	CO	20 A	1	0.4	3.1			3	60 A	EM-3
EM-1-39	ADDRESSABLE RELAY AND ELECTRIC BELL	20 A	1		0.2	2.3		--	--	--
EM-1-41	SPARE	20 A	1				0	1.2	--	--
Total Load:		10.72 kVA		9.01 kVA		8.18 kVA				
Total Amps:		90.37		76.17		68.17				
[Key*:] ST= SHUNT TRIP										

PANEL NAME: EM-2										CONNECTED 19.8 kVA						
TYPE: BOLT-ON MOUNTING: SURFACE FED FROM: MDP-412 SCCR: 10,000 LOCATION: ELEC. 225				412 SOLID NEUTRAL GROUND BUS				MAIN: 125 AMCB								
								VOLTS: 120/208 Wye								
								PHASE: 3								
								WIRE: 4								
								DEMAND: 19.82 kVA								
Panel Notes:																
CKT NO.	LOAD DESCRIPTION		AMP	POLES	A		B		C		POLES	AMP	LOAD DESCRIPTION		CKT NO.	
EM-2-1	EM LIGHTING		20 A	1	0.34	0					1	20 A	EXIT SIGNS		EM-2-2	
EM-2-3	CART RM RECEPTACLE		20 A	1			0.18	1.6				1	25 A	P-3 (2#10&1#10G)		EM-2-4
EM-2-5	NURSE CALL TERMINAL CABINET		20 A	1					0.18	1.08	1	20 A	RECEPTACLES (REST RM 202,203,204)		EM-2-6	
EM-2-7	FACP-ADDRESSABLE		20 A	1	0.2	1.08						1	20 A	RECEPTACLES (REST RM 210,211,212)		EM-2-8
EM-2-9	RECEPTACLES (REST RM 205,206)		20 A	1			0.72	0.2			1	20 A	ADA DOOR OPERATOR		EM-2-10	
EM-2-11	RECEPTACLES (REST RM 213,215)		20 A	1					0.72	0.2	1	20 A	HOOD		EM-2-12	
EM-2-13	ADA DOOR OPERATOR		20 A	1	0.2	0.18					1	20 A	NURSE CALL		EM-2-14	
EM-2-15	ADA DOOR OPERATOR		20 A	1			0.2	0.75			2	20 A	IT RACK		EM-2-16	
EM-2-17	P-4 (2#10&1#10G)		25 A	1					1.6	0.75	--	--			EM-2-18	
EM-2-19	RECEPTACLES IT RM		20 A	1	0.72	0.2					1	20 A	MEDICAL ALARM PANEL		EM-2-20	
EM-2-21	SPARE		20 A	1			0	0			--	--	SPACE FOR ST		EM-2-22	
EM-2-23	LIGHTING		20 A	1					0.05	0	--	--	SPACE FOR ST		EM-2-24	
EM-2-25	LIGHTING		20 A	1	0.2						--	--			EM-2-26	
EM-2-27	BLR-1		20 A	1			1.8	1.8			1	20 A	BLR-2		EM-2-28	
EM-2-29	OMNI CELL		20 A	1					0.18	0	1	20 A	SPARE		EM-2-30	
EM-2-31	EM LIGHT EXTERIOR		20 A	1	0.21	1.68					1	20 A	LIGHTING		EM-2-32	
EM-2-33	CO		20 A	1			0.4	0.75			2	20 A	IT RACK		EM-2-34	
EM-2-35	ADDRESSABLE RELAY AND ELECTRIC BELL		20 A	1					0.2	0.75	--	--			EM-2-36	
EM-2-37	P-5		20 A	1	0.5	0.45					2	20 A	FCU-6 & FCU-15		EM-2-38	
EM-2-39	P-6		20 A	1			0.5	0.45			--	--			EM-2-40	
EM-2-41	SPARE		20 A	1					0	0	1	20 A	SPARE		EM-2-42	
Total Load:			5.96 kVA		9.35 kVA		5.71 kVA									
Total Amps:			50.03		78.24		47.58									
[Key*:] ST= SHUNT TRIP																

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TYPE: BOLT-ON

MOUNTING: SURFACE

FED FROM: MDP-411

SCCR: 10,000

LOCATION: ELEC. 125

411

SOLID NEUTRAL

GROUND BUS

CONNECTED 25.4 kVA

MAIN: 150 AMCB

VOLTS: 120/208 Wye

PHASE: 3

WIRE: 4

DEMAND: 20.92 kVA

Panel Notes:

CKT NO.	LOAD DESCRIPTION	AMP	POLES	A		B		C		POLES	AMP	LOAD DESCRIPTION	CKT NO.
1	LIGHTING (RESIDENT ROOMS)	20 A	1	1.46	1.02					1	20 A	LIGHTING (RESIDENT ROOMS)	2
3	LIGHTING	20 A	1			0.43	1.01			1	20 A	LIGHTING (HEARTH ROOM , CORR. )	4
5	LIGHTING (DINING )	20 A	1					0.45	0.16	1	20 A	LIGHTING EXTERIOR	6
7	RECEPTACLES (CORR.)	20 A	1	1.62	1.44					1	20 A	RECEPTACLES (OFFICE 116)	8
9	RECEPTACLES (OFFICE 120)	20 A	1			1.08	0.2			1	20 A	TIME CLOCK	10
11	RECEPTACLES (REST RM 112,113,114,115)	20 A	1					0.72	0.9	1	20 A	RECEPTACLES (RM 115, 114)	12
13	RECEPTACLES (RM 112,111)	20 A	1	0.9	0.54					1	20 A	RECEPTACLES (RM 112,113)	14
15	RECEPTACLES (RM 109,110)	20 A	1			1.26	0.36			1	20 A	RECEPTACLES (RM 110,111)	16
17	RECEPTACLES (RM 105,106)	20 A	1					0.72	0.9	1	20 A	RECEPTACLES (REST RM 106,110,111,109)	18
19	RECEPTACLES (REST RM 102,103,104,105)	20 A	1	0.72	0.72					1	20 A	RECEPTACLES (RM 104,105)	20
21	RECEPTACLES (RM 100,102)	20 A	1			0.9	0.36			1	20 A	RECEPTACLES (RM 103,104)	22
23	RECEPTACLES (EXTERIOR)	20 A	1					0.9	0.36	1	20 A	RECEPTACLES (RM 124,125,126)	24
25	REST RM LIFT RECEPTACLES	20 A	1	0.36	0.72					1	20 A	RECEPTACLES (EXTERIOR)	26
27	REST RM LIFT RECEPTACLES	20 A	1			0.36	0.36			1	20 A	REST RM LIFT RECEPTACLES	28
29	MANTLE	20 A	1					0.54	0.36	1	20 A	REST RM LIFT RECEPTACLES	30
31	LIGHTING ATTIC PLAN	20 A	1	0.26	0.36					1	20 A	REST RM LIFT RECEPTACLES	32
33	COPPER 120	20 A	1			1	0.36			1	20 A	LAUNDRY 119	34
35	FIRE PLACE	20 A	1					0.18	0.6	1	20 A	MOTORIZED BLINDS	36
37	MOTORIZED BLINDS	20 A	1	0.8	0					1	20 A	SPARE	38
39	SPARE	20 A	1			0	0			1	20 A	SPARE	40
41	SPARE	20 A	1					0	0	1	20 A	SPARE	42
Total Load:				10.91 kVA		7.68 kVA		6.79 kVA					
Total Amps:				92.09		65.18		56.59					

[Key\*:]

PANEL NAME: RP-3

TYPE: BOLT-ON

MOUNTING: SURFACE

FED FROM: MDP-412

SCCR: 10,000

LOCATION: ELEC. 225

412

SOLID NEUTRAL

GROUND BUS

CONNECTED 24.3 kVA

MAIN: 150 AMCB

VOLTS: 120/208 Wye

PHASE: 3

WIRE: 4

DEMAND: 20.19 kVA

Panel Notes:

CKT NO.	LOAD DESCRIPTION	AMP	POLES	A		B		C		POLES	AMP	LOAD DESCRIPTION	CKT NO.
1	LIGHTING (RESIDENT ROOMS)	20 A	1	1.4	1.02					1	20 A	LIGHTING (RESIDENT ROOMS)	2
3	LIGHTING	20 A	1			0.42	0.96			1	20 A	LIGHTING (HEARTH ROOM , CORR. )	4
5	LIGHTING ( DINING )	20 A	1					0.45	0.16	1	20 A	LIGHTING	6
7	RECEPTACLES (CORR.)	20 A	1	1.62	0.72					1	20 A	RECEPTACLES (OFFICE 116)	8
9	RECEPTACLES (OFFICE 120)	20 A	1			1.08	0.2			1	20 A	TIME CLOCK	10
11	RECEPTACLES (REST RM 212,213,214,215)	20 A	1					0.72	0.9	1	20 A	RECEPTACLES (RM 215, 214)	12
13	RECEPTACLES (RM 212,211)	20 A	1	0.9	0.54					1	20 A	RECEPTACLES (RM 212,213)	14
15	RECEPTACLES (RM 209,210)	20 A	1			1.26	0.36			1	20 A	RECEPTACLES (RM 204,205)	16
17	RECEPTACLES (RM 205,206)	20 A	1					0.72	0.9	1	20 A	RECEPTACLES (REST RM 206,210,211,209)	18
19	RECEPTACLES (REST RM 202,203,204,205)	20 A	1	0.72	0.72					1	20 A	RECEPTACLES (RM 203,204)	20
21	RECEPTACLES (RM 202,203)	20 A	1			0.9	0.36			1	20 A	RECEPTACLES (RM 224,225,226)	22
23	RECEPTACLES (EXTERIOR)	20 A	1					0.72	0.36	1	20 A	RECEPTACLES (EXTERIOR)	24
25	REST RM LIFT RECEPTACLES	20 A	1	0.36	0.9					1	20 A	RECEPTACLES (EXTERIOR)	26
27	REST RM LIFT RECEPTACLES	20 A	1			0.36	0.36			1	20 A	REST RM LIFT RECEPTACLES	28
29	MANTLE	20 A	1					0.54	0.36	1	20 A	REST RM LIFT RECEPTACLES	30
31	LAUNDRY RECEPTACLES	20 A	1	0.38	0.36					1	20 A	REST RM LIFT RECEPTACLES	32
33	COPIER 220	20 A	1			1	0.18			1	20 A	FIRE PLACE	34
35	MOTORIZED BLINDS	20 A	1					0.6	0.8	1	20 A	MOTORIZED BLINDS	36
37	SPARE	20 A	1	0	0					1	20 A	SPARE	38
39	SPARE	20 A	1			0	0			1	20 A	SPARE	40
41	SPARE	20 A	1					0	0	1	20 A	SPARE	42
		Total Load:		9.64 kVA		7.44 kVA		7.23 kVA					
		Total Amps:		80.58		62.27		60.26					

[Key:]