

NOTES:

1. PROVIDE A 100% RATED ELECTRONIC TRIP BREAKER FOR THE MRI UNIT.  
2. EXISTING PANEL. PROVIDE NEW BREAKERS AS REQUIRED FOR MRI ROOM AND EQUIPMENT.

MOTORS, STARTERS, DISCONNECTS & CONTROLS

MARK	NAME/DATE	HORSEPOWER (HP)	MOTOR CHARACTERISTICS						LOCATION	ROOM NAME	STARTER						DISCONNECT MEANS						CONTROL				FEEDER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			LOAD (KVA)	120V-1PH	208V-3PH	240V-3PH	277V-1PH	480V-1PH			480V-3PH	ROOM NUMBER	NEMA SIZE	MANUAL	MAGNETIC	BUILT-IN MOTOR O/L	2-SPEED	VFD	SEE NOTE	NEAR MOTOR	MOTOR CONT CENTER	EQUIP CONT PANEL	ROOM NUMBER	SEE NOTE	FURNISHED BY	DISC SWITCH	MANUAL STARTER	RECEPTACLE	FEEDER SW OR BREAKER	NEMA TYPE	DISC SIZE	FUSE SIZE	NEAR MOTOR	MOTOR CONT CENTER	EQUIP CONT PANEL	PANELBOARD	SEE NOTE	FURNISHED BY	INTERLOCK WITH MOTOR NO. BY E.G.	MANUAL AT STARTER	INTEGRAL WITH EQUIPMENT	FURNISHED BY	SEE NOTE	NUMBER OF CONDUCTORS	WIRE SIZE	GROUND SIZE	CONDUIT SIZE	SEE NOTE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Panel: 2PF1

Location: Staff A2006

Supply From:

Voltage: 480/277 Wye 3PH-4W

Mounting: Surface

Enclosure: Type 1

A.I.C. Rating: 25,000

Mains Type: MLO

Mains Rating: 400 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	Humidifier	110 A	3	22660... 0 VA	22660... 0 VA		--	--	Space	2	
3	--	--	--				--	--	Space	4	
5	--	--	--			22660... 0 VA	--	--	Space	6	
7	Humidifier	110 A	3	22660... 0 VA	22660... 0 VA		--	--	Space	8	
9	--	--	--				--	--	Space	10	
11	--	--	--			22660... 0 VA	--	--	Space	12	
13	FC AC-6-2	15 A	3	2550... 2550...			3	15 A	FC AC-6-2	14	
15	--	--	--		2550... 2550...	2550... 2550...	--	--	--	16	
17	ACCU-6-2	20 A	3	3240... 3240...			3	20 A	ACCU-10-2	18	
21	--	--	--		3240... 3240...	3240... 3240...	--	--	--	20	
23	--	--	--				3240... 3240...	--	--	22	
25	Space	--	--	0 VA	0 VA		--	--	Space	26	
27	Space	--	--		0 VA	0 VA	--	--	Space	28	
29	Space	--	--			0 VA	0 VA	--	Space	30	
31	Space	--	--	0 VA	0 VA		--	--	Space	32	
33	Space	--	--		0 VA	0 VA	--	--	Space	34	
35	Space	--	--			0 VA	0 VA	--	Space	36	
37	Space	--	--	0 VA	0 VA		--	--	Space	38	
39	Space	--	--		0 VA	0 VA	--	--	Space	40	
41	Space	--	--			0 VA	0 VA	--	Space	42	
Total Load:				56.90 kVA	56.90 kVA	56.90 kVA					

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
170.70 kVA		153.3 kVA (184A)

Panel: 2PF2

Location: Staff A2006

Supply From:

Voltage: 480/277 Wye 3PH-4W

Mounting: Surface

Enclosure: Type 1

A.I.C. Rating: 22,000

Mains Type: MLO

Mains Rating: 400 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	Special Proc UPS	60 A	3	20780... 0 VA				-- --	Space	2	
3		--	--		20780... 0 VA			-- --	Space	4	
5		--	--		20780... 0 VA		20780... 0 VA	-- --	Space	6	
7	SProc Proc Main Feed	150 A	3	27700... 0 VA				-- --	Space	8	
9		--	--		27700... 0 VA			-- --	Space	10	
11		--	--			27700... 0 VA		-- --	Space	12	
13	MRI Unit	175 A	3	36667... 0 VA				-- --	Space	14	
15		--	--		36667... 0 VA			-- --	Space	16	
17		--	--			36667... 0 VA		-- --	Space	18	
19	Space	--	--	0 VA 0 VA				-- --	Space	20	
21	Space	--	--		0 VA 0 VA			-- --	Space	22	
23	Space	--	--			0 VA 0 VA		-- --	Space	24	
25	Space	--	--	0 VA 0 VA				-- --	Space	26	
27	Space	--	--		0 VA 0 VA			-- --	Space	28	
29	Space	--	--			0 VA 0 VA		-- --	Space	30	
31	Space	--	--	0 VA 0 VA				-- --	Space	32	
33	Space	--	--		0 VA 0 VA			-- --	Space	34	
35	Space	--	--			0 VA 0 VA		-- --	Space	36	
37	Space	--	--	0 VA 0 VA				-- --	Space	38	
39	Space	--	--		0 VA 0 VA		0 VA 0 VA	-- --	Space	40	
41	Space	--	--			0 VA 0 VA		-- --	Space	42	
Total Load:				85.15 kVA	85.15 kVA	85.15 kVA					

Notes:

TOTAL CONNECTED	ESTIMATED DEMAND
255.44 kVA	191.6 kVA (231A)

Panel: C2F

Location: Staff A2006

Supply From:

Voltage: 120/208 Wye-3PH-4W

Mounting: Surface

Enclosure: Type 1

A.I.C. Rating: 10,000

Main: Type

Mains Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Recept	20 A	1	360 VA 720 VA			1	20 A	Recept	2
3	Recept	20 A	1		360 VA 1170...		1	20 A	Lts	4
5	Spare	20 A	1			360 VA 1520...	1	20 A	Lts	6
7	Recept	20 A	1	360 VA 96 VA			1	20 A	Lighting	8
9	Recept	20 A	1		360 VA 380 VA		1	20 A	Lts	10
11	Crash Cart	20 A	1			0 VA 360 VA	1	20 A	Recept	12
13	Recept	20 A	1	360 VA 360 VA			1	20 A	Recept	14
15	Recept	20 A	1		720 VA 360 VA		1	20 A	Recept	16
17	Recept	20 A	1			0 VA 360 VA	1	20 A	Recept	18
19	EF-A2001B	20 A	1	696 VA 540 VA			1	20 A	Recept MRI	20
21	Spare	20 A	1		0 VA 160 VA		1	20 A	Lighting	22
23	Spire	20 A	1			0 VA 256 VA	1	20 A	Lighting	24
25	Spare	20 A	1	0 VA 0 VA			1	20 A	Spare	26
27	Spare	20 A	1		0 VA 0 VA		1	20 A	Spare	28
29	Spare	20 A	1			0 VA 0 VA	1	20 A	Spare	30
Total Load:				3.49 kVA	3.51 kVA	2.86 kVA				

Notes:

TOTAL CONNECTED					ESTIMATED DEMAND				
9.86 kVA					5.7 kVA (16A)				