

HA		VOLTS 480Y/277V 3P 4W		AIC 42,000			
MOUNTING SURFACE		BUS AMPS 225		MAIN BKR MLO			
FED FROM MDP		NEUTRAL 100%		LUGS STANDARD			
NOTE							
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	3.0	EUH-1	a 2	20/1	1.2	LIGHTING
3	20/3	10.0	WH-1	b 4	20/1	0.5	LIGHTING
5				c 6	20/1	0.1	EM LIGHTING
7				d 8	20/1	0.0	SPARE
9	20/1	3.0	IWH-1	b 10	20/1	0.0	SPARE
11	20/1	0.6	LIGHTING	c 12	20/1	1.4	LIGHTING
13	20/1	2.5	LIGHTING	d 14	20/1	2.3	LIGHTING
15	20/1	1.3	LIGHTING	b 16	20/1	2.1	LIGHTING
17	20/1	0.3	LIGHTING	c 18	20/1	1.0	LIGHTING
19	20/1	0.4	LIGHTING	d 20	20/1	0.0	SPARE
21	20/1	0.3	LIGHTING	b 22	20/1	0.0	SPARE
23	20/1	3.0	LIGHTING	c 24	20/1	0.2	LIGHTING
25	20/1	2.5	LIGHTING	d 26	20/1	0.2	LIGHTING
27	20/1	0.0	SPARE	b 28	20/1	2.6	LIGHTING
29	20/1	0.0	SPARE	c 30	20/1	1.8	SITE LIGHTING
31	20/1	0.0	SPARE	d 32	20/1	0.1	LIGHTING
33	20/1	0.0	SPARE	b 34	20/1	0.4	LIGHTING
35	20/1	0.0	SPARE	c 36	20/1	0.0	SPARE
37	20/1	0.0	SPARE	d 38	20/1	0.0	SPARE
39	20/1	0.0	SPARE	b 40	20/1	0.0	SPARE
41	20/1	0.7	PANEL INV	c 42	20/1	0.0	SPARE
CONN. KVA		25.4	31.8 (125%)	CONN. KVA		0.0	0.0 (125%)
LARGEST MOTOR		0.0	0.0 (125%)	HEATING		3.0	3.0 (100%)
OTHER MOTORS		0.0	0.0 (100%)	NONCONTINUOUS		13.0	13.0 (100%)
RECEPTACLES		0.0	0.0 (50%>10)	KITCHEN EQUIP		0.0	0.0 (N/A)
COOLING		0.0	0.0 (100%)	NONCOIN/DIVERSE		0.0	0.0 (N/A)
TOTAL KVA		41.4		TOTAL KVA		47.8	
BALANCED THREE PHASE AMPS		57.5		BALANCED THREE PHASE AMPS		57.5	
PHASE BALANCE PERCENT: PHASE A 113% PHASE B 97.1% PHASE C 90.4%							

HB		VOLTS 480Y/277V 3P 4W		AIC 42,000			
MOUNTING SURFACE		BUS AMPS 400		MAIN BKR MLO			
FED FROM MDP		NEUTRAL 100%		LUGS STANDARD			
NOTE							
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	15/3	8.0	RTU-2	a 2	25/3	12.0	RTU-10
3				b 4			
5				c 6			
7	15/3	8.0	RTU-3	d 8	15/3	8.0	RTU-11
9				b 10			
11				c 12			
13	20/3	10.6	RTU-4	d 14	15/3	8.0	RTU-12
15				b 16			
17				c 18			
19	25/3	14.0	RTU-5	d 20	20/3	0.0	SPARE
21				b 22			
23				c 24			
25	25/3	14.0	RTU-6	d 26	20/3	0.0	SPARE
27				b 28			
29				c 30			
31	25/3	14.0	RTU-7	d 32	20/3	9.3	RTU-14
33				b 34			
35				c 36			
37	15/3	7.3	RTU-9	d 38	20/1	0.0	SPARE
39				b 40	20/1	0.0	SPARE
41				c 42	20/1	0.0	SPARE
CONN. KVA		0.0	0.0 (125%)	CONN. KVA		0.0	0.0 (125%)
LARGEST MOTOR		14.0	3.5 (125%)	HEATING		0.0	0.0 (100%)
OTHER MOTORS		0.0	0.0 (100%)	NONCONTINUOUS		0.0	0.0 (100%)
RECEPTACLES		0.0	0.0 (50%>10)	KITCHEN EQUIP		0.0	0.0 (N/A)
COOLING		113.1	113.1 (100%)	NONCOIN/DIVERSE		0.0	0.0 (N/A)
TOTAL KVA		113.1		TOTAL KVA		116.6	
BALANCED THREE PHASE AMPS		140.2		BALANCED THREE PHASE AMPS		140.2	
PHASE BALANCE PERCENT: PHASE A 100% PHASE B 100% PHASE C 100%							

LA		VOLTS 208Y/120V 3P 4W		AIC 10,000			
MOUNTING SURFACE		BUS AMPS 400		MAIN BKR 300			
FED FROM TA		NEUTRAL 100%		LUGS FEEDTHRU			
NOTE PROVIDE FEED THROUGH LUGS FOR PANEL LC							
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/1	0.9	DOOR STRIKE, RECEPTACLE	a 2	20/1	0.7	DOOR STRIKE, RECEPTACLE
3	20/1	0.8	FIREPLACE	b 4	20/1	0.4	RECEPTACLE
5	20/1	0.7	RECEPTACLE	c 6	20/1	0.6	DOOR STRIKE, RECEPTACLE
7	20/1	0.0	SPARE	d 8	20/1	0.2	RECEPTACLE
9	20/1	0.0	SPARE	b 10	20/1	0.2	RECEPTACLE
11	20/1	0.0	SPARE	c 12	20/1	0.4	PRJ-1, SCRN-1
13	20/1	0.5	DISPOSAL	d 14	20/1	0.7	DOOR STRIKE, RECEPTACLE
15	20/1	0.4	ICE MACHINE	b 16	20/1	0.4	RECEPTACLE
17	20/1	0.4	REFRIGERATOR	c 18	20/1	0.2	CEF-1, CEF-2
19	20/1	0.4	REFRIGERATOR	d 20	20/1	0.2	RECEPTACLE
21	20/1	0.4	REFRIGERATOR	b 22	20/1	0.4	REFRIGERATOR
23	30/2	6.2	OVEN	c 24	20/1	0.5	DISHWASHER
25				d 26	20/1	0.5	DISPOSAL
27	20/1	0.3	CP-1	b 28	20/1	0.6	DOOR STRIKE, RECEPTACLE
29	20/1	0.1	IRRIGATION	c 30	20/1	0.4	REFRIGERATOR
31	20/1	0.4	RECEPTACLE	d 32	20/1	0.4	RECEPTACLE
33	20/1	0.4	RECEPTACLE	b 34	20/1	0.7	DOOR STRIKE, RECEPTACLE
35	20/1	0.4	RECEPTACLE	c 36	20/1	0.5	RECEPTACLE
37	20/1	0.4	RECEPTACLE	d 38	20/1	0.9	DOOR STRIKE, RECEPTACLE
39	20/1	0.8	DOOR STRIKE, RECEPTACLE	b 40	20/1	1.2	SIGN
41	20/1	0.0	SPARE	c 42	20/1	0.7	RECEPTACLE
43	20/1	0.2	RECEPTACLE	d 44	20/1	0.7	RECEPTACLE
45	20/1	0.4	RECEPTACLE	b 46	20/1	0.4	PRJ-2, SCRN-2
47	20/1	0.4	COOLER	c 48	20/1	0.5	RECEPTACLE
49	20/1	0.4	COOLER	d 50	20/1	0.7	RECEPTACLE
51	20/1	1.2	EF-1	b 52	20/1	0.2	LIGHTING, RECEPTACLE
53	20/1	0.5	RECEPTACLE	c 54	20/1	0.4	RECEPTACLE
55	20/1	0.0	SPARE	d 56	20/1	0.4	RECEPTACLE
57	20/1	0.7	DOOR STRIKE, RECEPTACLE	b 58	20/1	0.4	RECEPTACLE
59	20/1	0.6	DOOR STRIKE, RECEPTACLE	c 60	20/1	0.4	RECEPTACLE
61	20/1	0.5	RECEPTACLE	d 62	20/1	0.5	RECEPTACLE
63	20/1	0.7	DOOR STRIKE, RECEPTACLE	b 64	20/1	0.4	RECEPTACLE
65	20/1	0.0	SPARE	c 66	20/1	0.4	RECEPTACLE
67	20/1	0.5	RECEPTACLE	d 68	20/1	0.4	RECEPTACLE
69	20/1	0.4	RECEPTACLE	b 70	20/1	0.7	RECEPTACLE
71	20/1	0.5	DISPOSAL	c 72	20/1	0.2	RECEPTACLE
73	20/1	0.4	LIGHTING, RECEPTACLE	d 74	20/1	0.7	RECEPTACLE
75	20/1	0.2	CEF-3, CEF-4	b 76	20/1	0.4	RECEPTACLE
77	20/1	0.0	SPARE	c 78	25/2	3.2	IU-1, OU-1
79	20/1	0.0	SPARE	d 80			
81	20/1	0.0	SPARE	b 82	20/1	0.0	CEF-6, RECEPTACLE
83	20/1	0.3	EW	c 84	20/1	0.3	SPARE
LUG LOAD: 56.4 KVA		PANEL LC		LUG LOAD: 56.4 KVA		PANEL LC	
CONN. KVA		0.0	0.0 (125%)	CONN. KVA		1.7	2.1 (125%)
LARGEST MOTOR		6.7	8.4 (125%)	HEATING		0.0	0.0 (100%)
OTHER MOTORS		8.7	8.7 (100%)	NONCONTINUOUS		29.7	29.7 (100%)
RECEPTACLES		23.9	16.9 (50%>10)	KITCHEN EQUIP		11.4	7.4 (65%)
COOLING		17.2	17.2 (100%)	NONCOIN/DIVERSE		0.0	0.0 (N/A)
TOTAL KVA		99.4		TOTAL KVA		90.6	
BALANCED THREE PHASE AMPS		251.4		BALANCED THREE PHASE AMPS		251.4	
PHASE BALANCE PERCENT: PHASE A 106% PHASE B 103% PHASE C 91.1%							

LB		VOLTS 208Y/120V 3P 4W		AIC 10,000			
MOUNTING SURFACE		BUS AMPS 225		MAIN BKR 225			
FED FROM TB		NEUTRAL 100%		LUGS STANDARD			
NOTE							
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION
1	20/3	3.2	GUN RANGE	a 2	20/1	0.1	LIGHTING
3				b 4	20/1	0.7	RECEPTACLE
5				c 6	20/1	0.7	RECEPTACLE
7	20/1	0.9	RECEPTACLE	d 8	20/1	0.7	RECEPTACLE
9	20/1	0.9	RECEPTACLE	b 10	20/1	0.7	RECEPTACLE
11	20/1	0.7	RECEPTACLE	c 12	20/1	0.7	RECEPTACLE
13	20/1	0.7	RECEPTACLE	d 14	20/1	0.7	RECEPTACLE
15	20/1	0.7	RECEPTACLE	b 16	20/1	0.4	SECURITY
17	20/1	0.7	RECEPTACLE	c 18	20/1	0.5	SECURITY
19	20/1	0.9	RECEPTACLE	d 20	20/1	0.9	FACEADE LIGHTING
21	20/1	0.9	RECEPTACLE	b 22	20/1	1.4	TREE RECEPTACLE
23	20/1	0.7	RECEPTACLE	c 24	20/1	0.7	TREE RECEPTACLE
25	20/1	0.7	RECEPTACLE	d 26	20/1	1.4	TREE RECEPTACLE
27	20/3	3.2	GUN RANGE	b 28	20/1	1.1	TREE RECEPTACLE
29				c 30	20/1	1.1	TREE RECEPTACLE
31				d 32	20/1	0.1	LIGHTING
33	20/3	3.2	GUN RANGE	b 34	20/1	0.1	CEILING FAN
35				c 36	20/1	0.1	CEILING FAN
37				d 38	20/1	0.2	LIGHTING, RECEPTACLE
39	30/2	3.2	RTU-1	b 40	20/1	1.2	CEILING FAN
41				c 42	20/1	1.2	CEILING FAN
43	20/1	0.2	RECEPTACLE	d 44	20/1	0.1	LIGHTING
45	20/1	0.2	RECEPTACLE	b 46	20/1	0.5	LIGHTING
47	20/1	0.2	RECEPTACLE	c 48	20/1	1.2	CEILING FAN
49	20/1	0.2	RECEPTACLE	d 50	20/1	0.2	CEILING FAN
51	20/1	0.9	RECEPTACLE	b 52	20/1	1.1	XMAS RECEPT
53	20/1	1.1	RECEPTACLE	c 54	20/1	1.4	AUTOMATIC FAUCET
55	20/1	0.2	RECEPTACLE	d 56	20/1	1.4	AUTOMATIC FAUCET
57	20/1	0.3	SIGN	b 58	20/1	1.4	AUTOMATIC FAUCET
59	20/1	1.1	RECEPTACLE	c 60	20/1	1.4	AUTOMATIC FAUCET
61	20/1	1.4	AUTOMATIC FAUCET	d 62	20/1	1.0	O/H-2
63	20/1	1.4	AUTOMATIC FAUCET	b 64	20/1	1.0	O/H-1
65	20/1	1.4	AUTOMATIC FAUCET	c 66	20/1	0.2	RECEPTACLE
67	20/1	1.4	AUTOMATIC FAUCET	d 68	20/1	0.2	RECEPTACLE
69	20/1	1.4	AUTOMATIC FAUCET	b 70	20/1	0.0	SPARE
71	20/1	0.0	SPARE	c 72	20/1	0.0	SPARE
73	20/1	0.0	SPARE	d 74			