

11S-1																	
SERVED FROM: LOCATION: ELECTRICAL E-102 MOUNTING: SURFACE				AMPERE RATING: 225 A MAIN TYPE: MCB LUG OPTIONS:				VOLTAGE (L-L): 208 V VOLTAGE (L-N): 120 V				PHASE: 3 WIRE: 4 MIN. KAIC: 10					
REMARKS:																	
#	TRIP	P O L E	LOAD DESCRIPTION	C O D E	WIRE SIZES (H/N/G OR H/G)	COND SIZE	A	B	C	COND SIZE	WIRE SIZES (H/N/G OR H/G)	C O D E	LOAD DESCRIPTION	P O L E	TRIP #		
1	20 A	1	L - GENERAL LIGHTING	L	1-#12, 1-#12, 1-#12	3/4"	1.0	0.7			3/4"	1-#12, 1-#12, 1-#12	R	R - RECEPTACLES	1	20 A 2	
3	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"			1.3	0.9		3/4"	1-#12, 1-#12, 1-#12	R	R - RECEPTACLES	1	20 A 4
5	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"				0.5						6	
7																8	
9								0.2				3/4"	1-#12, 1-#12, 1-#12		ROOF RECEPTACLE	1	20 A 10
11																12	
13							0.5	0.0							SPARE	1	20 A 14
15	60 A	3	1-OIT-A		3-#4, 1-#4, 1-#10	1 1/4"		0.0	0.0						SPARE	1	20 A 16
17															SPARE	1	20 A 18
19	20 A	1	SPARE				0.0	0.0							SPARE	1	20 A 20
21	20 A	1	SPARE					0.0	0.0						SPARE	1	20 A 22
23	20 A	1	SPARE						0.0	0.0					SPARE	1	20 A 24
25	20 A	1	SPARE				0.0	0.0							SPARE	1	20 A 26
27	20 A	1	SPARE						0.0	0.0					SPARE	1	20 A 28
29	20 A	1	SPARE							0.0	0.0				SPARE	1	20 A 30
31	20 A	1	SPARE				0.0	0.0							SPARE	1	20 A 32
33	20 A	1	SPARE						0.0	0.0					SPARE	1	20 A 34
TOTAL LOAD:					3.1 kVA		2.3 kVA		0.5 kVA								
TOTAL AMPS:					28 A		22 A		5 A								
LOAD CATEGORY	CONNECTED LOAD (KVA)	X	DEMAND FACTOR	=	DEMAND (KVA)	PANEL TOTALS											
A - HOSPITAL LIGHTING	0.00 kVA		0.00%		0.00 kVA	CONNECTED LOAD (KVA): 6.00 kVA											
C - SPACE COOLING	0.00 kVA		0.00%		0.00 kVA	DEMAND LOAD (KVA): 6.47 kVA											
D - OTHER HVAC LOADS	0.00 kVA		0.00%		0.00 kVA	DEMAND AMPS: 17 A											
E - EQUIPMENT LOAD	0.00 kVA		0.00%		0.00 kVA	TOTAL: 18 A											
H - SPACE HEATING	0.00 kVA		0.00%		0.00 kVA	+RESERVED FUTURE CAPACITY 4 A											
L - GENERAL LIGHTING	1.86 kVA		125.00%		2.33 kVA	TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 22 A											
M - MISC. CONTINUOUS	0.00 kVA		0.00%		0.00 kVA	MIN NEC ART.220 REQUIRED OVERCURRENT PROTECTION: 80 A											
N - MISC. NONCONTINUOUS	0.00 kVA		0.00%		0.00 kVA												
R - RECEPTACLES	4.14 kVA		100.00%		4.14 kVA												

1SEA																		
SERVED FROM: LOCATION: ELECTRICAL E-102 MOUNTING: SURFACE				AMPERE RATING: 225 A MAIN TYPE: MCB LUG OPTIONS:				VOLTAGE (L-L): 208 V VOLTAGE (L-N): 120 V				PHASE: 3 WIRE: 4 MIN. KAIC: 10						
REMARKS: EXISTING																		
#	TRIP	P O L E	LOAD DESCRIPTION	C O D E	WIRE SIZES (H/N/G OR H/G)	COND SIZE	A	B	C	COND SIZE	WIRE SIZES (H/N/G OR H/G)	C O D E	LOAD DESCRIPTION	P O L E	TRIP #			
1	20 A	1	L - GENERAL LIGHTING	L	1-#12, 1-#12, 1-#12	3/4"	1.4	0.0				3/4"	1-#12, 1-#12, 1-#12	D	VAV-LOG-1-6	1	20 A 2	
3	20 A	1	DCWRP-1	N	1-#12, 1-#12, 1-#12	3/4"						3/4"	1-#12, 1-#12, 1-#12	N	1-FSD1	1	20 A 4	
5	20 A	1	FIRE SMOKE DAMPER	N	1-#12, 1-#12, 1-#12	3/4"			0.0	1.3						6		
7	20 A	1	1-ADD-1-1-6	N	1-#12, 1-#12, 1-#12	3/4"	0.0	1.3				3/4"	3-#12, 1-#12	D	1-AHU-LOG	3	15 A 8	
9	20 A	1	1-CP-LOG	N	1-#12, 1-#12, 1-#12	3/4"			0.0	1.3						10		
11	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"				0.4	0.6					12		
13	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"	0.5	0.6				3/4"	3-#12, 1-#12	D	1-EF-LOG	3	20 A 14	
15	20 A	1	COPIER	R	1-#12, 1-#12, 1-#12	3/4"			0.2	0.6						16		
17	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"				0.9	0.3		3/4"	1-#12, 1-#12, 1-#12	R	L - GENERAL LIGHTING	1	20 A 18
19	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"	0.5	0.4				3/4"	1-#12, 1-#12, 1-#12	R	R - RECEPTACLES	1	20 A 20	
21	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"			0.5	0.0						22		
23	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"				0.4	0.0					24		
25	20 A	1	SPARE				0.0	0.0							SPARE	1	20 A 26	
27	20 A	1	SPARE						0.0	0.0					SPARE	1	20 A 28	
29	20 A	1	SPARE							0.0	0.0				SPARE	1	20 A 30	
31	20 A	1	SPARE				0.0	0.0							SPARE	1	20 A 32	
33	20 A	1	SPARE						0.0	0.0					SPARE	1	20 A 34	
35	20 A	1	SPARE							0.0	0.0				SPARE	1	20 A 36	
37	20 A	1	SPARE				0.0	0.0							SPARE	1	20 A 38	
39	20 A	1	SPARE							0.0	0.0				SPARE	1	20 A 40	
41	20 A	1	SPARE								0.0	0.0			SPARE	1	20 A 42	
TOTAL LOAD:					4.8 kVA		2.6 kVA		3.9 kVA									
TOTAL AMPS:					41 A		22 A		34 A									
LOAD CATEGORY	CONNECTED LOAD (KVA)	X	DEMAND FACTOR	=	DEMAND (KVA)	PANEL TOTALS												
A - HOSPITAL LIGHTING	0.00 kVA		0.00%		0.00 kVA	CONNECTED LOAD (KVA): 11.24 kVA												
C - SPACE COOLING	0.00 kVA		0.00%		0.00 kVA	DEMAND LOAD (KVA): 11.68 kVA												
D - OTHER HVAC LOADS	5.89 kVA		100.00%		5.89 kVA	DEMAND AMPS: 31 A												
E - EQUIPMENT LOAD	0.00 kVA		0.00%		0.00 kVA	TOTAL: 32 A												
H - SPACE HEATING	0.00 kVA		0.00%		0.00 kVA	+RESERVED FUTURE CAPACITY 8 A												
L - GENERAL LIGHTING	1.76 kVA		125.00%		2.20 kVA	TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 41 A												
M - MISC. CONTINUOUS	0.00 kVA		0.00%		0.00 kVA	MIN NEC ART.220 REQUIRED OVERCURRENT PROTECTION: 90 A												
N - MISC. NONCONTINUOUS	0.01 kVA		60.00%		0.01 kVA													
R - RECEPTACLES	3.78 kVA		100.00%		3.78 kVA													

1-OIT-A																	
SERVED FROM: 11S-1 LOCATION: IT L106 MOUNTING: SURFACE				AMPERE RATING: 125 A MAIN TYPE: MCB LUG OPTIONS:				VOLTAGE (L-L): 208 V VOLTAGE (L-N): 120 V				PHASE: 3 WIRE: 4 MIN. KAIC: 10					
REMARKS: NEW																	
#	TRIP	P O L E	LOAD DESCRIPTION	C O D E	WIRE SIZES (H/N/G OR H/G)	COND SIZE	A	B	C	COND SIZE	WIRE SIZES (H/N/G OR H/G)	C O D E	LOAD DESCRIPTION	P O L E	TRIP #		
1	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"	0.5	0.0							SPARE	1	20 A 2
3	20 A	1	SPARE						0.0	0.0					SPARE	1	20 A 4
5	20 A	1	SPARE							0.0	0.0				SPARE	1	20 A 6
7	20 A	1	SPARE				0.0	0.0							SPARE	1	20 A 8
9	20 A	1	SPARE					0.0	0.0						SPARE	1	20 A 10
11	20 A	1	SPARE						0.0	0.0					SPARE	1	20 A 12
13	20 A	1	SPARE				0.0	0.0							SPARE	1	20 A 14
15	20 A	1	SPARE					0.0	0.0						SPARE	1	20 A 16
17	20 A	1	SPARE						0.0	0.0					SPARE	1	20 A 18
19			SPARE				0.0	0.0							SPARE	1	20 A 20
21			SPARE						0.0	0.0					SPARE	1	20 A 22
23			SPARE							0.0	0.0				SPARE	1	20 A 24
TOTAL LOAD:					0.5 kVA		0.0 kVA		0.0 kVA								
TOTAL AMPS:					5 A		0 A		0 A								
LOAD CATEGORY	CONNECTED LOAD (KVA)	X	DEMAND FACTOR	=	DEMAND (KVA)	PANEL TOTALS											
A - HOSPITAL LIGHTING	0.00 kVA		0.00%		0.00 kVA	CONNECTED LOAD (KVA): 0.54 kVA											
C - SPACE COOLING	0.00 kVA		0.00%		0.00 kVA	DEMAND LOAD (KVA): 0.54 kVA											
D - OTHER HVAC LOADS	0.00 kVA		0.00%		0.00 kVA	DEMAND AMPS: 1 A											
E - EQUIPMENT LOAD	0.00 kVA		0.00%		0.00 kVA	TOTAL: 1 A											
H - SPACE HEATING	0.00 kVA		0.00%		0.00 kVA	+RESERVED FUTURE CAPACITY 0 A											
L - GENERAL LIGHTING	0.00 kVA		0.00%		0.00 kVA	TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 2 A											
M - MISC. CONTINUOUS	0.00 kVA		0.00%		0.00 kVA	MIN NEC ART.220 REQUIRED OVERCURRENT PROTECTION: 35 A											
N - MISC. NONCONTINUOUS	0.00 kVA		0.00%		0.00 kVA												
R - RECEPTACLES	0.54 kVA		100.00%		0.54 kVA												

11S-2																	
SERVED FROM: LOCATION: ELECTRICAL E-102 MOUNTING: SURFACE				AMPERE RATING: 225 A MAIN TYPE: MCB LUG OPTIONS:				VOLTAGE (L-L): 208 V VOLTAGE (L-N): 120 V				PHASE: 3 WIRE: 4 MIN. KAIC: 10					
REMARKS: EXISTING																	
#	TRIP	P O L E	LOAD DESCRIPTION	C O D E	WIRE SIZES (H/N/G OR H/G)	COND SIZE	A	B	C	COND SIZE	WIRE SIZES (H/N/G OR H/G)	C O D E	LOAD DESCRIPTION	P O L E	TRIP #		
1	30 A	2	SPARE (OFF)				0.0									2	
3	20 A	1	138.E107-T-100 AND NC						0.0	0.0					114 SILVER REC PUMP	1	20 A 4
5	20 A	1	FAN E103				0.0	0.0							RECEPT RM 149A	1	20 A 6
7	20 A	1	FAN E103						0.0	0.0					RECEPT RM 153	1	20 A 8
9	20 A	1	FAN E103							0.0	0.0				153A SPACE FILLER	2	20 A 10
11	20 A	1	SPARE												RECEPTACLE	1	20 A 12
13	20 A	1	LIGHT ROOM141/145				0.0	0.0							RECEPT RM 143	1	20 A 14
15	20 A	1	SPARE PHARMACY J BOX						0.0	0.0					ROOM 143 AC	2	20 A 16
17	20 A	1	PHARMACY BREAK RM							0.0	0.0						18
19	20 A	1	N WEST QUAD RM 162				0.0	0.0							RM 134 COUNTER	1	20 A 20
21	20 A	1	RECEPT RM R102						0.0	0.0					RECEPT RM 136	1	20 A 22
23	20 A	1	J BOX ABOVE CEILING							0.0	0.0				RECEPT RM 134	1	20 A 24
25	20 A	1	RECEPT RM 136				0.0	0.0									26
27	20 A	1	J BOX ABOVE CEILING						0.0	0.0					ROOM 131 AC	2	20 A 28
29	20 A	1	PHARM RECEPT						0.0	0.0							30
31	20 A	1	PHARM RECEPT				0.0	0.0							KODAK PRINTER C106-208V	2	20 A 32
33			UNUSABLE						0.0	0.0					UNUSABLE		34
35			UNUSABLE														