

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

13B1																	
BUS NUMBER: 125				AMPERE RATING: 225				VOLTAGE (L-L): 208				PHASE: 3					
SERVED FROM:				MAIN TYPE: MAIN BREAKER				VOLTAGE (L-N): 120				WIRE: 4					
MOUNTING: SURFACE				LUG OPTIONS: THRU-FEED								MIN. KAIC: 10					
REMARKS: EXISTING																	
CKT NO.	CIRCUIT BRKR	LOAD DESCRIPTION	C O D E	LOAD KVA	BRANCH CIRCUIT S PHASE/NEUT. S NO I SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT S PHASE/NEUT. S NO I SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	C O D E	LOAD DESCRIPTION	CIRCUIT BRKR	TRIP P	CKT NO.	
1	20	1											EXISTING CIRCUIT	20	1	2	
3	20	1											SPACE ONLY			1 4	
5	20	1											EXISTING CIRCUIT	20	1	6	
7	20	1						1	2	12	12	3/4	0.72	R		1 8	
9	20	1											EXISTING CIRCUIT	20	1	10	
11	20	1											SPACE ONLY			1 12	
13	20	1											SPACE ONLY			1 14	
15	20	1											EXISTING CIRCUIT	20	1	16	
17	20	1											EXISTING CIRCUIT	20	1	18	
19	20	1											EXISTING CIRCUIT	20	1	20	
21	20	1											EXISTING CIRCUIT	20	1	22	
23	20	1											EXISTING CIRCUIT	20	1	24	
25	20	1											EXISTING CIRCUIT	20	1	26	
27	20	1											EXISTING CIRCUIT	20	1	28	
29	20	1											EXISTING CIRCUIT	20	1	30	
31	20	1											SPARE	20	1	32	
33	20	1											SPARE	20	1	34	
35	20	1											SPARE	20	1	36	
37	20	1									7.32	X					
39	20	1						1	4	3	6	1-1/4	6.96	X		100 3 40	
41	20	1									6.36	X	13B3				
NEC ART. 220 LOAD CATEGORY				TOTAL CONNECTED LOAD (KVA)***	X NEC ART. 220 FEEDER SIZING FACTOR		=	NEC ART. 220 FEEDER SIZING LOAD (KVA)		PHASE BALANCE (% OF TOTAL LOAD)							
A - HOSPITAL LIGHTING				1.70	0.40			0.68		A: 13.0 % B: 97.8 % C: 89.4 %							
B - HOTEL/MOTEL LIGHTING				0.00	0.00			0.00									
C - SPACE COOLING**				0.00	0.00			0.00									
D - OTHER HVAC LOADS				0.00	0.00			0.00		BALANCED NEC ART. 220 FEEDER SIZING LOAD (AMPS): 46.2 A							
H - SPACE HEATING*				0.00	0.00			0.00		X LARGEST UNBALANCED PHASE %: 1.13							
K - KITCHEN APPLIANCES				0.00	0.00			0.00		TOTAL: 52.3 A							
L - GENERAL LIGHTING				1.20	1.24			1.50		+ RESERVED FUTURE CAPACITY: + 22.5 A							
M - MISC. CONTINUOUS				0.36	0.36			0.45									
N - MISC. NONCONTINUOUS				0.00	0.00			0.00		TOTAL UNBALANCED NEC ART. 220 FEEDER SIZING LOAD: 74.8 A							
R - RECEPTACLES				18.10	0.77			14.05									
W - WAREHOUSE LIGHTING				0.00	0.00			0.00									
LARGEST MOTOR**				0.00	0.25			0.00									
				21.36				16.68		MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 80 A, MIN. NEC ART. 220 FEEDER SIZE:							
* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS. *** SUM OF ALL LOADS FED FROM THIS PANEL.																	

13B3																			
BUS NUMBER: 135				AMPERE RATING: 100				VOLTAGE (L-L): 208				PHASE: 3				SERVED FROM: 13B2			
MOUNTING: SURFACE				MAIN TYPE: MAIN LUGS ONLY				VOLTAGE (L-N): 120				WIRE: 4				REMARKS: EXISTING			
				LUG OPTIONS:				MIN. KAIC: 10											
CKT NO.	CIRCUIT BRKR	LOAD DESCRIPTION	C O D E	LOAD KVA	BRANCH CIRCUIT S PHASE/NEUT. S NO I SIZE	GND SIZE	MIN CND SIZE	BRANCH CIRCUIT S PHASE/NEUT. S NO I SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	C O D E	LOAD DESCRIPTION	CIRCUIT BRKR	TRIP P	CKT NO.			
1	20	1 LIGHTING	A	1.20	1	2	12	12	3/4		0.54	R	R-STAFF TLT, EQ STOR	20	1	2			
3	20	1 LIGHTING	L	1.20	1	2	12	12	3/4				SPARE	20	1	4			
5	20	1 LIGHTING	A	0.50	1	2	12	12	3/4				SPARE	20	1	6			
7	20	1 R-MEDICATION	R	0.54	1	2	12	12	3/4		0.72	R	R-PBU STEP DOWN 1	20	1	8			
9	20	1 R-NOURISHMENT	R	0.54	1	2	12	12	3/4		0.54	R	R-STEP DOWN 1	20	1	10			
11	20	1 R-NOURISHMENT	R	0.54	1	2	12	12	3/4		0.72	R	R-PBU STEP DOWN 2	20	1	12			
13	20	1 R-NURSES STATION	R	1.08	1	2	12	12	3/4		0.90	R	R-STEP DOWN 2	20	1	14			
15	20	1 R-PBU STEP DOWN 5	R	0.72	1	2	12	12	3/4		0.72	R	R-PBU STEP DOWN 3	20	1	16			
17	20	1 R-STEP DOWN 5	R	0.90	1	2	12	12	3/4		0.90	R	R-STEP DOWN 3	20	1	18			
19	20	1 R-PBU STEP DOWN 6	R	0.72	1	2	12	12	3/4		0.72	R	R-PBU STEP DOWN 4	20	1	20			
21	20	1 R-STEP DOWN 6	R	0.90	1	2	12	12	3/4		0.90	R	R-STEP DOWN 4	20	1	22			
23	20	1 PDI TV AMPLIFIER	M	0.36	1	2	12	12	3/4		0.72	R	R-SUPPLY ROOMS	20	1	24			
25	20	1 SPARE											SPARE	20	1	26			
27	20	1 SPARE									0.72	R	R-SOILED UTILITY	20	1	28			
29	20	1 SPARE									1.00	R	R-DITATION	20	1	30			

13BE (4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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