

PANELBOARD: SHPB42B													
LOCATION: ELECTRICAL S801D				VOLTS: 480/277 Wye				A.I.C. RATING: 35KA					
SUPPLY FROM: SH1D12B				PHASES: 3				BUS RATING: 400 A					
MOUNTING: SURFACE				WIRES: 4				MAINS TYPE: MLO					
ENCLOSURE: NEMA-1				SUB FEED LUGS: No				MCB RATING: N/A					
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT	
1	PE-01	VEL	80	3	15,075	15,075						2	
3							15,075						4
5								15,075					6
7									15,075				8
9										15,075			10
11	PE-02	VEL	80	3	15,075	15,075					12		
13							15,075					14	
15								15,075				16	
17									15,075			18	
19										15,075			20
21	PE-04	VEL	80	3	15,075	15,075					22		
23							15,075					24	
25								15,075				26	
27									15,075			28	
29										15,075			30
31	SE-01	VEL	90	3	17,269	17,269					32		
33							17,269					34	
35								17,269				36	
37									17,269			38	
39										17,269			40
41												42	
TOTAL LOAD (VA):					77,511	77,511	77,511						
TOTAL LOAD (A):					280	280	280						
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		CALCULATED DEMAND		PANEL TOTALS					
VEL		232,532 VA		82.00%		190,676 VA		CONNECTED: 232,532 VA					
								CALCULATED DEMAND: 190,676 VA					
								CONNECTED: 280 A					
								CALCULATED DEMAND: 229 A					
NOTES:													

PANELBOARD: SL2B22B															
LOCATION: ELECTRICAL/FIRE N201C					VOLTS: 208/120 Wye				A.I.C. RATING: 10KA						
SUPPLY FROM: SL2722B					PHASES: 3				BUS RATING: 100 A						
MOUNTING: SURFACE					WIRES: 4				MAINS TYPE: MCB						
ENCLOSURE: NEMA-1					SUB FEED LUGS: No				MCB RATING: 100						
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT			
1	FCU-01-13	PMTR	20	1	30	38			2	15	PMTR	FCU-01-02	2		
3	FCU-01-18	PMTR	20	1		30	38		1	20	PNON	DOC CONTROLS - TOP - LEVEL 1 NORTH	4		
5	FCU-01-01	PMTR	20	2	38	1,000	38	500	1	20	PNON	DOC CONTROLS - LEVEL 1 NORTH	6		
7									1	20	PREC	REC - ELECTRICAL/FIRE	8		
9	FCU-02-01	PMTR	20	2		38	720	38	720	1	20	PREC	REC - ELECTRICAL/FIRE	10	
11									2	15	PMTR	FCU-02-02	12		
13	FCU-03-01	PMTR	20	2	38	38			2	15	PMTR	DOC CONTROLS - LEVEL 2 NORTH	14		
15									1	20	PNON	DOC CONTROLS - LEVEL 2 NORTH	16		
17	FCU-01-20	PMTR	20	1		30	38	30	1,000	1	20	PMTR	FCU-03-02	18	
19	FCU-01-19	PMTR	20	1	30	38	30	38		2	20	PMTR	DOC-03-02	20	
21	FCU-01-10	PMTR	20	1		30	38		30	1,000	1	20	PNON	DOC CONTROLS - LEVEL 3 NORTH	22
23	FCU-01-11	PMTR	20	1				30	1,000	1	20	PNON	DOC CONTROLS - LEVEL 3 NORTH	24	
25	FCU-01-12	PMTR	20	1	30	702				2	20	PMTR	FCU-03-01/02/03	26	
27	1037 - WALK IN COOLER	PMTR	20	1		500	702			2	20	PMTR	FCU-03-04/05/06	28	
29	1042 - EVAPORATOR COIL	PMTR	20	1			200	702		2	20	PMTR		30	
31	1045 - EVAPORATOR COIL	PMTR	20	2	1,000	702	1,000	702		2	20	PMTR	FCU-03-07/08/09	32	
33									2	20	PMTR		34		
35	1046 - WALK IN FREEZER	PMTR	20	1			500	702		1	20	PMTR	2017 - WALK IN	36	
37	2013 - WALK IN	PMTR	20	1	200	200			1	20	PMTR	2017 - WALK IN	38		
39	2014 - EVAPORATOR COIL	PMTR	20	1		400	1,400			2	20	PMTR	2028 - EVAPORATOR COIL	40	
41	2021 - EVAPORATOR COIL	PMTR	20	1			400	1,400		2	20	PMTR		42	
43	2024 - WALK IN	PMTR	20	1	200									44	
45	2033 - EVAPORATOR COIL	PMTR	20	1			400							46	
47	2032 - WALK IN	PMTR	20	1				200						48	
49	2116 - WALK IN COOLER	PMTR	20	1	400									50	
51	2121 - WALK IN COOLER	PMTR	20	1		400								52	
53	2123 - WALK IN FREEZER	PMTR	20	2			1,000							54	
55														56	
57														58	
59	2124 - EVAPORATOR COIL	PMTR	20	2			1,000							60	
61	2342 - 2343 - WALK IN COOLER	PMTR	20	1	200			1,000						62	
63	2343 - WALK IN COOLER	PMTR	20	1		240								64	
65	REC - AUDITORIUM	PREC	20	1				360						66	
67														68	
69														70	
71														72	
73														74	
75														76	
77														78	
79														80	
81														82	
83														84	
TOTAL LOAD (VA):					5,882	7,712	9,819								
TOTAL LOAD (A):					49	67	84								
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		CALCULATED DEMAND		PANEL TOTALS							
PNON		3,500 VA		100.00%		3,500 VA		CONNECTED: 23,412 VA							
PMTR		18,112 VA		103.86%		18,812 VA		CALCULATED DEMAND: 24,112 VA							
PREC		1,800 VA		100.00%		1,800 VA		CONNECTED: 67 A							
								CALCULATED DEMAND: 67 A							
NOTES:															

PANELBOARD: SHPB32B															
LOCATION: ELECTRICAL N801D					VOLTS: 480/277 Wye					A.I.C. RATING: 10KA					
SUPPLY FROM: SH10/2B					PHASES: 3					BUS RATING: 100 A					
MOUNTING: SURFACE					WIRES: 4					MAINS TYPE: MLO					
ENCLOSURE: NEMA-1					SUB FEED LUGS: No					MCB RATING: N/A					
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)		B (VA)		C (VA)		POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT
1	SFP-R-01	PMTR	15	3	2,107	2,107	2,107	2,107	2,107	2,107	3	15	PMTR	SFP-R-02	2
3															4
5															6
7															8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42
TOTAL LOAD (VA):					4,213		4,213		4,213						
TOTAL LOAD (A):					15		15		15						
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		CALCULATED DEMAND		PANEL TOTALS							
PMTR		12,640 VA		112.50%		14,220 VA		CONNECTED: 12,640 VA							
								CALCULATED DEMAND: 14,220 VA							
								CONNECTED: 15 A							
								CALCULATED DEMAND: 17 A							
NOTES:															