

PANELBOARD: SUL7B11A												
LOCATION: ELECTRICAL/FIRE S701C					VOLTS: 208/120 Wye				A.I.C. RATING: 10KA			
SUPPLY FROM: SUL711A					PHASES: 3				BUS RATING: 250 A			
MOUNTING: SURFACE					WIRES: 4				MAINS TYPE: MCB			
ENCLOSURE: NEMA-1					SUB FEED LUGS: No				MCB RATING: 250			
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT
1	LS-20 -IDF LEVEL 6 SOUTH	PNON	20	1	1,500							2
3	LS-20 -IDF LEVEL 6 SOUTH	PNON	20	1		1,500						4
5	LS-20 -IDF LEVEL 6 SOUTH	PNON	20	1			1,500					6
7	LS-20 -IDF LEVEL 6 SOUTH	PNON	20	1	1,500							8
9	LS-20 -IDF LEVEL 7 SOUTH	PNON	20	1		1,500						10
11	LS-20 -IDF LEVEL 7 SOUTH	PNON	20	1			1,500					12
13	LS-20 -IDF LEVEL 7 SOUTH	PNON	20	1	1,500							14
15	LS-20 -IDF LEVEL 7 SOUTH	PNON	20	1		1,500						16
17	SECURITY - IDF LEVEL 6 SOUTH	PNON	20	1			1,500					18
19	SECURITY -IDF LEVEL 7 SOUTH	PNON	20	1	1,500							20
21	SECURITY -IDF LEVEL 7 SOUTH	PNON	20	1		1,500						22
23												24
25	DDC CONTROLS (TOP) - PENTHOUSE	PNON	20	1	500							26
27												28
29												30
31												32
33												34
35												36
37												38
39												40
41												42
TOTAL LOAD (VA):					6,500	6,000	4,500					
TOTAL LOAD (A):					56	52	38					
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		CALCULATED DEMAND		PANEL TOTALS				
PNON		17,000 VA		100.00%		17,000 VA		CONNECTED: 17,000 VA				
								CALCULATED DEMAND: 17,000 VA				
								CONNECTED: 47 A				
								CALCULATED DEMAND: 47 A				

SWITCHBOARD: SH1D12B									
LOCATION: EMERGENCY ELECTRICAL				VOLTS: 480/277 Wye			A.I.C. RATING: 100KA		
SUPPLY FROM: 42-ATS-02				PHASES: 3			BUS RATING: 1,200 A		
MOUNTING: FLOOR				WIRES: 4			MOUNTS TYPE: MILO		
ENCLOSURE: NEMA-1				SUB FEED LUGS: No			MCB RATING: N/A		
CKT	CIRCUIT DESCRIPTION			TRIP RATING (A)	POLES	A (VA)	B (VA)	C (VA)	NOTES
1	SH2B22B			400	3	69,853	71,721	77,641	
2	SH2B12B			400	3	58,525	59,013	57,311	
3	SHPB52B			400	3	82,610	82,610	82,610	
4	SHPB42B			400	3	77,511	77,511	77,511	
5	SHPB32B			100	3	4,213	4,213	4,213	
6	CH-R-04			175	3	31,593	31,593	31,593	
7									
8									
9									
10									
				TOTAL LOAD (VA):		324,304	326,660	330,878	
				TOTAL LOAD (A):		1,171	1,181	1,196	
LOAD CLASSIFICATION				CONNECTED LOAD	DEMAND FACTOR	CALCULATED...	SWITCHBOARD TOTALS		
PNON				28,500 VA	100.00%	28,500 VA	CONNECTED: 181,843 VA		
PMTR				466,482 VA	106.42%	496,412 VA	CALCULATED DEMAND: 877,772 VA		
PCON				2,000 VA	125.00%	2,500 VA	CONNECTED: 1,181 A		
VEL				480,361 VA	72.00%	345,860 VA	CALCULATED DEMAND: 1,656 A		
PREC				4,500 VA	100.00%	4,500 VA			
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