

PANELBOARD: EH1D13A											
LOCATION: EMERGENCY ELECTRICAL...				VOLTS: 480/277 Wye				A.I.C. RATING: 100A			
SUPPLY FROM: 42-ATS-01				PHASES: 3				BUS RATING: 800 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												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	EH1B13A	Spare PNON: LTG, PREC	400	3	18,688	16,429	20,434	14,984	16,860	17,352	3	400	PNON; LTG; PREC	EH1B23A	40
41															42
TOTAL LOAD (VA):					35,127	35,428	34,202								
TOTAL LOAD (A):					127	128	123								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED DEMAND	PANEL TOTALS
LTG	73,697 VA	125.00%	92,121 VA	CONNECTED: 104,757 VA CALCULATED DEMAND: 123,181 VA CONNECTED: 139 A CALCULATED DEMAND: 148 A
PNON	29,260 VA	100.00%	29,260 VA	
PREC	1,800 VA	100.00%	1,800 VA	

NOTES:

PANELBOARD: EH7B13A													
LOCATION: ELECTRICAL/FIRE S701C					VOLTS: 480/277 Wye				A.I.C. RATING: 22KA				
SUPPLY FROM: EH4B13A					PHASES: 3				BUS RATING: 225 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	LEVEL 6 SECTOR A - EM LIGHTING	LTG	20	1	834							2	
3	LEVEL 7 SECTOR A - WEST CORE EM	LTG	20	1		925						4	
5	LEVEL 6 SECTOR A - WEST CORE EM	LTG	20	1			877					6	
7	LEVEL 6 SECTOR A - EM LIGHTING	LTG	20	1	816							8	
9	LEVEL 7 SECTOR A - SW EM OFFICE	LTG	20	1		880						10	
11	LEVEL 7 SECTOR A - NE OFFICE EM	LTG	20	1			762					12	
13	LEVEL 7 SECTOR A - NW EM LIGHTING	LTG	20	1	834							14	
15	LEVEL 7 SECTOR A - EAST CORE EM	LTG	20	1		898						16	
17	LEVEL 7 SECTOR A - SE OFFICE EM	LTG	20	1			760					18	
19	ROOF SECTOR A - EM LIGHTING	LTG	20	1	990							20	
21	LEVEL 6 SECTOR A - SHOC CORRIDOR	LTG	20	1		54						22	
23	ROOF SECTOR B - EM LIGHTING	LTG	20	1			6					24	
25	ELEVATOR SHAFT EM LIGHTING	LTG	20	1	40							26	
27	ELEVATOR SHAFT EM LIGHTING	LTG	20	1		40						28	
29	ELEVATOR SHAFT EM LIGHTING	LTG	20	1			40					30	
31	ELEVATOR SHAFT EM LIGHTING	LTG	20	1	40							32	
33	ELEVATOR SHAFT EM LIGHTING	LTG	20	1		40						34	
35	LEVEL 6 SECTOR A - SW OFFICE EM	LTG	20	1			880					36	
37	LEVEL 7 SECTOR A - WEST CORE EM	LTG	20	1	888	1,860						38	
39	LEVEL 6 SECTOR A - SE OFFICE EM	LTG	20	1		760	1,860					40	
41									3	50	PNON	EL713A	42
TOTAL LOAD (VA):					6,302	5,457	5,005						
TOTAL LOAD (A):					23	20	18						
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		CALCULATED DEMAND		PANEL TOTALS					
LTG		11,364 VA		125.00%		14,205 VA		CONNECTED: 16,764 VA					
PNON		5,400 VA		100.00%		5,400 VA		CONNECTED: 20 A					
								CALCULATED DEMAND: 24 A					
NOTES:													

PANELBOARD: SHPD11A											
LOCATION: ELECTRICAL N801D					VOLTS: 480/277 Wye					A.I.C. RATING: 14KA	
SUPPLY FROM: SH1D11A					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	AHUR-03	PMTR	250	3	39,906	39,906						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):					79,813	79,813	79,813	PANEL TOTALS				
TOTAL LOAD (A):					288	288	288					
LOAD CLASSIFICATION					CONNECTED LOAD	DEMAND FACTOR	CALCULATED DEMAND					
PMTR					239,439 VA	112.50%	269,369 VA					

CONNECTED: 239,439 VA				
CALCULATED DEMAND: 269,369 VA				
CONNECTED: 288 A				
CALCULATED DEMAND: 324 A				

NOTES:

PANELBOARD: EH1B23A												
LOCATION: ELECTRICAL/FIRE N01A						VOLTS: 480/277 Wye			A.I.C. RATING: 22KA			
SUPPLY FROM: EH1D13A						PHASES: 3			BUS RATING: 400 A			
MOUNTING: SURFACE						WIRES: 4			MAINS TYPE: MLO			
ENCLOSURE: NEMA-1						SUB FEED LUGS: Yes			MCB RATING: N/A			
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A	B	C	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT
1	STAR C LIGHTING	LTG	20	1	240							2
3	STAR C LIGHTING	LTG	20	1		240						4
5	STAR D LIGHTING	LTG	20	1			320					6
7	STAR D LIGHTING	LTG	20	1	320							8
9	STAR LIGHTING EM- AREA A	LTG	20	1		343						10
11	STAR LIGHTING EM- AREA B	LTG	20	1			787					12
13	STAR E LIGHTING	LTG	20	1	80							14
15	STAR E LIGHTING	LTG	20	1		80						16
17	LEVEL 2 SECTOR C- EM LIGHTING	LTG	20	1			1,449					18
19	LEVEL 1 SECTOR B & C- EM LIGHTING	LTG	20	1	963							20
21	LTG	LTG	20	1		40						22
23	LEVEL 1 SECTOR B- EM LIGHTING	LTG	20	1			485					24
25	LEVEL 1 SECTOR B- EM LIGHTING	LTG	20	1	921							26
27	LEVEL 1 SECTOR D- EM LTG	LTG	20	1		1,489						28
29	LEVEL 2 SECTOR B- EM LIGHTING	LTG	20	1			1,072					30
31	LTG	LTG	20	1	40							32
33	LTG	LTG	20	1		40						34
35	LTG	LTG	20	1			40					36
37												38
39	EL1T23A	PNON, PREC	50	3	1,360	1,360						40
41							1,680					42
43	LTG	LTG	20	1	40							44
45	LEVEL 2 SECTOR B- SE EM LIGHTING	LTG	20	1		356						46
47	LEVEL 2 SECTOR D- EM LTG	LTG	20	1			430					48
49	SKYBRIDGE 26 INTERIOR SM- LIGHTING	LTG	20	1	281							50
51	LEVEL 2 SECTOR B- BOH EM LIGHTING	LTG	20	1		930						52
53												54
55												56
57												58
59												60
TOTAL LOAD (VA):					16,429	14,984	17,352					
TOTAL LOAD (A):					60	54	63					
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	CALCULATED DEMAND		PANEL TOTALS						
LTG		34,875 VA	125.00%	43,719 VA		CONNECTED: 48,775 VA						
PNON		12,900 VA	100.00%	12,900 VA		CALCULATED DEMAND: 57,519 VA						
PREC		900 VA	100.00%	900 VA		CONNECTED: 59 A						
						CALCULATED DEMAND: 69 A						