

PANELBOARD "PANEL MDP" LOAD SCHEDULE														
PANEL: MDP				MOUNTING: SURFACE				VOLTAGE: 480/277V, 3PH, 4W						
LOCATION: STOR. 103 / ELEC_T/F.F. FIRST FLOOR				AMPS: 800 A MLO				FED FROM: TX-UTIL						
ADDED ACCESSORIES: SPD				FEED-THRU LUGS... No				A.I.C. VALUE: 12116 A						
(PROVIDE 25% HIGHER A.I.C. RATING)														
	CIRCUIT DESCRIPTION	TRIP (A)	POLES	A	B	C	POLES	TRIP (A)	CIRCUIT DESCRIPTION					
1	TX-LP-3	200	2	0	19735			3	175	TX-S1A				
3	--	--	--		0	21821		--	--	--				
5	SPACE	--	1				20925	--	--	--				
7	L1A	100	3	3485	8758			3	125	TX-S1B				
9	--	--	--		567	8285		--	--	--				
11	--	--	--			928	9004	--	--	--				
13	HVAC - RTU-101	110	3	24271	24271			3	110	HVAC - RTU-102A				
15	--	--	--		24271	24271		--	--	--				
17	--	--	--			24271	24271	--	--	--				
19	HVAC - CUH-101C	20	3	2218	24271			3	110	HVAC - RTU-102B				
21	--	--	--		2218	24271		--	--	--				
23	--	--	--			2218	24271	--	--	--				
25	HVAC - CUH-101D	20	3	2218	4353			3	20	HVAC - AC-101A				
27	--	--	--		2218	4353		--	--	--				
29	--	--	--			2218	4353	--	--	--				
31	HVAC - WH-1	30	3	6017	4353			3	20	HVAC - AC-101B				
33	--	--	--		6017	4353		--	--	--				
35	--	--	--			6017	4353	--	--	--				
37	HVAC - AC-101C	40	3	8429	1109			3	20	POWER - SEPTIC PUMP 1				
39	--	--	--		8429	1109		--	--	--				
41	--	--	--			8429	1109	--	--	--				
43	SPACE	--	1	--	1109			3	20	POWER - SEPTIC PUMP 2				
45	SPACE	--	1		--	1109		--	--	--				
47	SPACE	--	1		--	1109		--	--	--				
49	SPACE	--	1	--	1109			3	20	POWER - SEPTIC PUMP 3				
51	SPACE	--	1		--	1109		--	--	--				
53	SPACE	--	1		--	1109		--	--	--				
TOTAL LOAD:		135708 VA		134404 VA		134587 VA								
ADDITIONAL FEED THRU LUGS LOAD (IF APPLICABLE):		0 VA		0 VA		0 VA								
TOTAL AMPS:		490 A		485 A		486 A								
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS								
HVAC -	343031 VA	100.00%		343031 VA		TOTAL CONNECTED LOAD: 404700 VA								
LIGHTING -	7238 VA	100.00%		7238 VA		TOTAL ESTIMATED DEMAND: 394045 VA								
POWER -	22401 VA	100.00%		22401 VA		TOTAL CONNECTED LOAD (A): 487 A								
RECEPTACLE -	31310 VA	65.97%		20655 VA		TOTAL ESTIMATED DEMAND... 474 A								
TECHNOLOGY -	720 VA	100.00%		720 VA										
NOTES:														
PROVIDE SPD BREAKER PER ONELINE SCHEDULE. RECEPTACLE DEMAND FACTOR = FIRST 10kVA X 100% + 50% OF REMAINDER														
AIC RATING IS CALCULATED VALUE. PROVIDE IC RATING AT LEAST 25% HIGHER AS PER SPECIFICATIONS.														

PANELBOARD "PANEL S1A" LOAD SCHEDULE														
PANEL: S1A				MOUNTING: SURFACE				VOLTAGE: 208/120V, 3PH, 4W						
LOCATION: STOR. 103 / ELEC_T/F.F. FIRST FLOOR				AMPS: 400 A MB				FED FROM: TX-S1A						
ADDED ACCESSORIES: DOUBLE TUB				FEED-THRU LUGS... No				A.I.C. VALUE: 6591 A						
(PROVIDE 25% HIGHER A.I.C. RATING)														
CIRCUIT DESCRIPTION		TRIP (A)	POLES	A	B	C	POLES	TRIP (A)	CIRCUIT DESCRIPTION					
1	POWER - MENS 119	20	1	500	900			1	20	RECEPTACLE - EXTERIOR RECEP				2
3	POWER - WOMENS 120, FAMILY 121	20	1			500	1260		1	20	RECEPTACLE - EXTERIOR RECEP			4
5	RECEPTACLE - AUTO FAUCETS	20	1					1080	1080	1	20	RECEPTACLE - WOMENS 120		6
7	RECEPTACLE - LOBBY 101 EWC	20	1	540	1872					1	20	HVAC - FFTU-101A		8
9	RECEPTACLE - LOBBY 101	20	1			1620	1872		1	20	HVAC - FFTU-101B			10
11	RECEPTACLE - WELCOME 102	20	1					360	2000	1	30	HVAC - FFTU-104		12
13	RECEPTACLE - S-H LOCK 105	20	1	1080	2000					1	30	HVAC - FFTU-106		14
15	RECEPTACLE - S-H LOCK 116	20	1			900	2000		1	30	HVAC - FFTU-111A			16
17	RECEPTACLE - WORSHIP 114	20	1					1260	2000	1	30	HVAC - FFTU-111B		18
19	RECEPTACLE - LIVE STREAM RM. 104	20	1	720	2000					1	30	HVAC - FFTU-111C		20
21	RECEPTACLE - SECURITY 106	20	1			360	2000		1	30	HVAC - FFTU-119A			22
23	RECEPTACLE - EXTERIOR FESTOON LIGHTING	20	1					180	2000	1	30	HVAC - FFTU-119B		24
25	RECEPTACLE - EXTERIOR FESTOON LIGHTING	20	1	180	2000					1	30	HVAC - FFTU-120A		26
27	RECEPTACLE - EXTERIOR FESTOON LIGHTING	20	1			180	2000		1	30	HVAC - FFTU-120B			28
29	RECEPTACLE - GREEN ROOM 111	20	1					1440	2000	1	30	HVAC - FFTU-121		30
31	RECEPTACLE - GREEN ROOM 111	20	1	360	1500					1	20	HVAC - TU-104		32
33	RECEPTACLE - MEZZANINE 123	20	1			1080	1500		1	20	HVAC - TU-106			34
35	POWER - WORSHIP 114 CROSS BACKLIGHTING	20	1					500	1500	1	20	HVAC - TU-107		36
37	POWER - CORRIDOR 112 BAPTISMAL FONT	20	1	1000	1500					1	20	HVAC - TU-119		38
39	POWER - CORRIDOR 112 CHAIR LIFT	20	1			1500	1500			1	20	HVAC - TU-120		40
41	RECEPTACLE - FOH	20	1					360	1500	1	20	HVAC - TU-123		42
43	TECHNOLOGY - LIVE STREAM RM. 104	20	1	360	360					1	20	HVAC - RF-103, RF-110, RF-117		44
45	TECHNOLOGY - LIVE STREAM RM. 104	20	1			360	763			2	20	HVAC - ACCU-113, SS-113		46
47	POWER - DOOR OPERATOR	20	1					500	763	--	--	--		48
49	POWER - DOOR OPERATOR	20	1	500	200					1	20	HVAC - EF-123		50
51	SPARE	20	1			0	1081			3	20	HVAC - CUH-101A		52
53	SPARE	20	1					0	1081	--	--	--		54
55	SPARE	20	1	0	1081					--	--	--		56
57	SPARE	20	1			0	1081			3	20	HVAC - CUH-101B		58
59	SPARE	20	1					0	1081	--	--	--		60
61	SPARE	20	1	0	1081					--	--	--		62
63	SPARE	20	1			0	264			1	20	HVAC - P-1		64
65	SPARE	20	1					0	240	1	20	HVAC - EF-108, EF-109		66
67	SPARE	20	1	0	0					1	20	SPARE		68
69	SPARE	20	1			0	0			1	20	SPARE		70
71	SPARE	20	1					0	0	1	20	SPARE		72
73	SPARE	20	1	0	0					1	20	SPARE		74
75	SPARE	20	1			0	0			1	20	SPARE		76
77	SPARE	20	1					0	0	1	20	SPARE		78
79	SPARE	20	1	0	0					1	20	SPARE		80
81	SPARE	20	1			0	0			1	20	SPARE		82
83	SPARE	20	1					0	0	1	20	SPARE		84
TOTAL LOAD:				19735 VA	21821 VA	20925 VA								
ADDITIONAL FEED THRU LUGS LOAD (IF APPLICABLE):				0 VA	0 VA	0 VA								
TOTAL AMPS:				164 A	183 A	176 A								
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS						
HVAC -		41821 VA		100.00%		41821 VA								
POWER -		5000 VA		100.00%		5000 VA		TOTAL CONNECTED LOAD: 62481 VA						
RECEPTACLE -		14940 VA		83.47%		12470 VA		TOTAL ESTIMATED DEMAND: 60011 VA						
TECHNOLOGY -		720 VA		100.00%		720 VA		TOTAL CONNECTED LOAD (AIC): 173 A						
								TOTAL ESTIMATED DEMAND...: 167 A						
NOTES:														
PROVIDE SPD BREAKER PER ON-LINE SCHEDULE														
RECEPTACLE DEMAND FACTOR = FIRST 10kVA X 100% + 50% OF REMAINDER														
AIC RATING IS CALCULATED VALUE, PROVIDE ICR RATING AT LEAST 25% HIGHER AS PER SPECIFICATIONS.														