

PANELBOARD										HSL		SCHEDULE			
VOLTAGE: 480Y/277V			MAINS: MAIN LUGS ONLY				MOUNTING: SURFACE			REMARKS:					
BUS SIZE: 125 A			TOTAL LOAD: 188 KVA				FAULT DUTY: 42,000 A								
NO	SERVES	NOTE	LOAD (KVA)	BREAKER TRIP	PHASE	BREAKER TRIP	LOAD (KVA)	NOTE	SERVES	NO					
1	FOUNTAIN PUMP		38.0	10	3	1	20	2.5	DECORATIVE POLE	2					
3	---		---	---	---	---	1	20	1.5	DECORATIVE POLE	4				
5	---		---	---	---	---	1	20	1.3	BUS CANOPY LTG.	6				
7	LANDSCAPE LTG.		1	2.6	20	1	1	20	0.1	3	8				
9	LANDSCAPE LTG.		1	2.6	20	1	1	20	1.6	1	10				
11	LANDSCAPE LTG.		1	2.6	20	1	1	20	1.6	1	12				
13	LANDSCAPE LTG.		1	2.6	20	1	1	20	2.0	1	14				
15	LANDSCAPE LTG.		1	1.5	20	1	1	20	1.3	1	16				
17	LANDSCAPE LTG.		1	1.5	20	1	1	20	1.3	1	18				
19	LANDSCAPE LTG.		1	2.0	20	1	1	20	2.4	1	20				
21	LANDSCAPE LTG.		1	2.2	20	1	1	20	2.6	1	22				
23	LANDSCAPE LTG.		1	1.8	20	1	1	20	2.6	1	24				
25	REAR CANOPY LTG.		1	2.3	20	1	1	20	2.6	1	26				
27	CANOPY % LTG.		1	2.3	20	1	1	20	2.6	1	28				
29	SPACE								SPACE		30				
31	SPACE								SPACE		32				
33	SPACE								SPACE		34				
35	SPACE								SPACE		36				
37	BURGE ARRESTOR			6.0	3	1	1	1	SPACE		38				
39	---			---	---	---	---	---	SPACE		40				
41	---			---	---	---	---	---	SPACE		42				
LOAD SUMMARY															
CURRENT 94.78 A				LIGHTING 48.1 KVA				A/C 0.0 KVA				0.0 KVA			
				RECEPTACLE 0.0 KVA				HEATING 0.0 KVA				0.0 KVA			
				MOTOR 38.0 KVA				MISC 0.1 KVA							
NOTES:															
1. ROUTE CIRCUIT THROUGH CONTACTOR CONTROLLED PHOTOCELL ON/TIME SWITCH OFF.															
2. ROUTE CIRCUIT THROUGH CONTACTOR CONTROLLED PHOTOCELL ON/PHOTOCELL OFF.															
3. PROVIDE LOCK ON BREAKER.															

PANELBOARD										HE		SCHEDULE	
VOLTAGE: 480Y/277V			MAINS: MAIN LUGS ONLY				MOUNTING: SURFACE			REMARKS:			
BUS SIZE: 100 A			TOTAL LOAD: 34.8 KVA				FAULT DUTY: 42,000 A						
NO	SERVICES	NOTE	LOAD (KVA)	BREAKER		PHASE		BREAKER		LOAD (KVA)	NOTE	SERVICES	NO
				TRIP	I	A	B	C	F				
I	LEFT UPPER CORR. LTG.		14	20	I			I	20			RIGHT REAR LTG.	2
3	LEFT LOWER CORR. LTG.		14	20	I			I	20			LEFT REAR LTG.	4
5	RIGHT LUR. LTG.		20	20	I			I	20	2.3		LEFT LUR CORR. LTG.	6
7	SANC. MAIN LTG.	4	2.0	20	I			I	20			SANCTUARY EXIT	8
9	SANC. MAIN LTG.	4	2.5	20	I			I	20			RT. UPPER CORR. LTG.	10
11	SANC. MAIN LTG.	4	2.5	20	I			I	20	0.3		UPPER LOBBY LTG.	12
13	SANC. MAIN LTG.	4	2.5	20	I			I	20			UPPER REAR LTG.	14
15	SANC. MAIN LTG.	4	2.5	20	I			I	20			SPACE	16
17	SANC. MAIN LTG.	4	1.1	20	I			I	20			SPACE	18
19	SANC. MAIN LTG.	4	1.1	20	I			I	30	1.8		PANEL 'LE'	20
21	SANC. MAIN LTG.	4	2.0	20	I			--	--	--		---	22
23	SANC. MAIN LTG.	4	2.5	20	I			--	--	--		---	24
25	SANC. MAIN LTG.	4	2.5	20	I			--	--	--		SPACE	26
27	SPACE											SPACE	28
29	SPACE											SPACE	30
LOAD SUMMARY													
CURRENT 41.86 A				LIGHTING 31.3 KVA				A/C 0.0 KVA				0.0 KVA	
				RECEPTACLE 0.0 KVA				HEATING 3.0 KVA				3.0 KVA	
				MOTOR 0.0 KVA				MISC				0.6 KVA	
NOTES:													
4. ROUTE THROUGH CONTACTOR CONTROLLED VIA EMERGENCY AUTOMATIC TRANSFER SWITCH.													

PANELBOARD										HA		SCHEDULE	
VOLTAGE: 480Y/277V			MAINS: MAIN LUGS ONLY				MOUNTING: SURFACE			REMARKS:			
BUS SIZE: 125 A			TOTAL LOAD: 88.5 KVA				FAULT DUTY: 42,000 A						
NO	SERVICES	NOTE	LOAD (KVA)	BREAKER TRIP	PHASE	BREAKER		LOAD (KVA)	NOTE	SERVICES	NO		
						A B C	F					TRIP	
1	DRESSING ROOM LTG.		12	20	1	1	1	20	2.4	NURSERY LTG.	2		
3	FUTURE ADMIN. LTG.		2.3	20	1	1	1	20	1.1	NURSERY LTG.	4		
5	DUPPLICATING LTG.		3.1	20	1	1	1	20	2.1	LUR CORR. LTG.	6		
7	FINANCE LTG.		1.1	20	1	1	1	20	2.1	ELEC. ROOM LTG.	8		
9	PRODUCER LTG.		2.1	20	1	1	1	20	2.2	MUSIC LTG.	10		
11	OFFICE LTG.		2.2	20	1	1	1	20	3.0	OFFICE LTG.	12		
13	SPACE		2.1	20	1	1	1	20	1.2	T.V. STUDIO LTG.	14		
15	FUTURE ADMIN. LTG.		2.1	20	1	1	1	20	2.1	FUTURE TV STUDIO LTG.	16		
17	UPPER CORR. LTG.		2.0	20	1	1	1	20	2.4	UPPER CORR. LTG.	18		
19	UPPER CORR. LTG.		1.9	20	1	1	1	20	2.2	UPPER CORR. LTG.	20		
21	DRESSING ROOM LTG.		2.1	20	1	1	1	20	2.0	RP-12.6	22		
23	WH-1		9.0	25	3	1	1	25	4.6	WH-5	24		
25	---		---	---	---	---	3	15	0.0	WH-6	26		
27	---		---	---	---	---	---	---	---	---	28		
29	RTU-21		11.1	20	3	1	1	20	3	RTU-22	30		
31	---		---	---	---	---	3	20	1.1	RTU-22	32		
33	---		---	---	---	---	---	---	---	---	34		
35	SPACE		1	1	1	1	1	1	---	---	36		
37	SPACE		1	1	1	1	1	1	---	SPACE	38		
39	SPACE		1	1	1	1	1	1	---	SPACE	40		
41	SPACE		1	1	1	1	1	1	---	SPACE	42		
LOAD SUMMARY													
CURRENT 107.65 A			LIGHTING 47.1 KVA			A/C 22.2 KVA			22.2 KVA				
			RECEPTACLE 0.0 KVA			HEATING 24.6 KVA			24.6 KVA				
			MOTOR 0.0 KVA			MISC 0.0 KVA			0.0 KVA				
NOTES:													

PANELBOARD TPI SCHEDULE									
VOLTAGE: 208Y/120 V		MAINS: 400A/3P MAIN BREAKER			MOUNTING: SURFACE		REMARKS:		
BUS SIZE: 400 A		TOTAL LOAD: 97.1 KVA			FAULT DUTY: 10,000 A		PROVIDE GROUND BUS ISOLATED FROM CAN.		
NO	SERVICES	LOAD (KVA)	BREAKER TRIP	PHASE	BREAKER TRIP	LOAD (KVA)	SERVICES	NO	
1	AUDIO COMP. SWITCH	94.0	200	3	3	200	35.3	PANEL "ASBP"	2
3	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	6
7	SOUND MIXING RCPT.	0.8	20	1	1	20	1.0	COMPUTER ROOM RCPT.	8
9	SOUND MIXING RCPT.	0.8	20	1	1	20	1.0	STUDIO RCPT.	10
11	PRODUCER RCPT.	0.8	20	1	1	20	0.8	STUDIO RCPT.	12
13	SPACE	20	1	1	1	20	0.8	STUDIO RCPT.	14
15	SPACE	20	1	1	1	20	0.8	SOUND EQUIPMENT	16
17	SPACE	1	1	1	1	20	0.8	SOUND EQUIPMENT	18
19	SPACE	1	1	1	1	20	0.8	SPACE	20
21	SPACE	1	1	1	1	20	0.8	SPACE	22
23	SPACE	1	1	1	1	20	0.8	SPACE	24
25	SPACE	1	1	1	1	20	0.8	SPACE	26
27	SPACE	1	1	1	1	20	0.8	SPACE	28
29	SPACE	1	1	1	1	20	0.8	SPACE	30
31	SPACE	1	1	1	1	20	0.8	SPACE	32
33	SPACE	1	1	1	1	20	0.8	SPACE	34
35	SPACE	1	1	1	1	20	0.8	SPACE	36
37	SPACE	1	1	1	1	20	0.8	SPACE	38
39	SPACE	1	1	1	1	20	0.8	SPACE	40
41	SPACE	1	1	1	1	20	0.8	SPACE	42
LOAD SUMMARY									
CURRENT 26.952 A		LIGHTING 0.0 KVA		A/C 0.0 KVA		HEATING 0.0 KVA		MISC 0.1 KVA	
		RECEPTACLE 19.3 KVA		MOTOR 0.0 KVA					
NOTES:									

PANELBOARD VASBP SCHEDULE									
VOLTAGE: 208Y/120 V		MAINS: 200A/3P MAIN BREAKER			MOUNTING: SURFACE		REMARKS: FEED FROM SOUND BUS ISOLATED FROM GAN		
BUS SIZE: 225 A		TOTAL LOAD: 59.3 KVA			FAULT DUTY: 10,000 A				
NO	SERVICES	LOAD (KVA)	BREAKER TRIP	PHASE	BREAKER TRIP	LOAD (KVA)	SERVICES	NO	
1	CONTROL BOOTH	A 0.8	20	1	1	20	0.8	A SOUND RACK 2	
3	CONTROL BOOTH	A 0.8	20	1	1	20	0.8	A SOUND RACK 4	
5	CONTROL BOOTH	B 0.8	20	1	1	20	0.8	A SOUND RACK 6	
7	CONTROL BOOTH	B 0.8	20	1	1	20	0.8	A SOUND RACK 8	
9	PLATFORM RCPT.	A 0.8	20	1	1	20	0.8	A SOUND RACK 10	
11	PLATFORM RCPT.	B 0.8	20	1	1	20	0.8	A SOUND RACK 12	
13	PLATFORM RCPT.	B 0.8	20	1	1	20	0.8	A SOUND RACK 14	
15	PLATFORM RCPT.	B 0.8	20	1	1	20	0.8	A SOUND RACK 16	
17	CONTROL BOOTH	B 0.8	20	1	1	20	0.8	A SOUND RACK 18	
19	BL PROJECTOR	B 4.9	30	2	1	20	0.8	A SOUND RACK 20	
21	---	B --	--	--	1	20	0.8	A SOUND RACK 22	
23	SR PROJECTOR	B 4.9	30	2	1	20	0.8	A SOUND RACK 24	
25	---	B --	--	--	1	20	0.8	A SOUND RACK 26	
27	SPACE	---	20	1	1	20	0.8	A SOUND RACK 28	
29	SPACE	---	20	1	1	20	0.8	A SOUND RACK 30	
31	SPACE	---	1	1	1	20	0.8	A SOUND RACK 32	
33	SPACE	---	1	1	1	20	0.8	A SOUND RACK 34	
35	SPACE	---	1	1	1	20	0.8	A SOUND RACK 36	
37	SPACE	---	1	1	1	20	0.8	A SOUND RACK 38	
39	SPACE	---	1	1	1	20	0.8	A SOUND RACK 40	
41	SPACE	---	1	1	1	20	0.2	SEQUENCER PANEL 42	
LOAD SUMMARY				LIGHTING 0.0 KVA		A/C 0.0 KVA			
				RECEPTACLE 81 KVA		HEATING 0.0 KVA			
CURRENT 91.98 A				MOTOR 0.0 KVA		SOUND 21.2 KVA			
NOTES:									
THIS PANEL SHALL BE LYNTEC #19LC-341-41 W/3#200E/60W#200A/3P30 (208V) FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. (NO EXCEPTION)									
A. SWITCHED CIRCUIT									
B. UNSWITCHED CIRCUIT									