

PANEL MDP										
208/120 V, 3 PH, 4 W, 60 HZ 800 AMP MAINS SURFACE ☒										
800 AMP MAIN BKR**										
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 42,000* AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.										
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP	POLE	LOAD DESCRIPTION	CKT No.		
1								2		
3	PANEL M1	3	400	117.6	28.2	100	3	PANEL C		
5								6		
7								8		
9	PANEL M2	3	200	53.4	21.0	200	3	PANEL D		
11								10		
13								12		
15					21.4	200	3	PANEL A		
17								16		
19								18		
21								20		
23					20.5	200	3	PANEL B		
25								22		
27								24		
29								26		
31								28		
33								30		
35								32		
37								34		
39								36		
41								38		
								40		
								42		
TOTAL CONNECTED LOAD 262.1 KVA										

* VERIFY AIC RATING WITH ACTUAL AVAILABLE FAULT CURRENT FROM POWER COMPANY.
** PROVIDE WITH SHUNT TRIP TYPE MAIN BREAKER

PANEL A										
208/120 V, 3 PH, 4 W, 60 HZ 200 AMP MAINS SURFACE ☒										
MLO										
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 42,000* AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.										
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP	POLE	LOAD DESCRIPTION	CKT No.		
1	COPIER	1	20	1.0	0.8	20	1	RECEPTACLE(S)	2	
3	COPIER	1	20	1.0	1.0	20	1	RECEPTACLE(S)	4	
5	PRINTER	1	20	1.0	1.0	20	1	RECEPTACLE(S)	6	
7	PHONE BOOTH	1	20	0.4	0.4	20	1	RECEPTACLE(S)	8	
9	RECEPTACLES	1	20	0.4	0.8	20	1	RECEPTACLE(S)	10	
11	RECEPTACLES	1	20	0.6	0.6	20	1	RECEPTACLE(S)	12	
13	RECEPTACLES	1	20	0.4	1.2	20	1	RECEPTACLE(S)	14	
15	RECEPTACLES	1	20	0.8	0.6	20	1	TELEVISION	16	
17	RECEPTACLES	1	20	0.8	0.6	20	1	TELEVISION	18	
19	RECEPTACLES	1	20	1.0	0.6	20	1	TELEVISION	20	
21	RECEPTACLES	1	20	1.0	0.6	20	1	TELEVISION	22	
23					0.6	20	1	TELEVISION	24	
25					0.6	20	1	TELEVISION	26	
27					1.0	20	1	RECEPTACLE(S)	28	
29					0.8	20	1	RECEPTACLE(S)	30	
31					0.4	20	1	RECEPTACLE(S)	32	
33					0.4	20	1	RECEPTACLE(S)	34	
35								36		
37								38		
39								40		
41								42		
TOTAL CONNECTED LOAD 21.4 KVA										

* VERIFY AIC RATING WITH ACTUAL AVAILABLE FAULT CURRENT FROM POWER COMPANY.

PANEL B										
208/120 V, 3 PH, 4 W, 60 HZ 200 AMP MAINS SURFACE ☒										
MLO										
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 42,000* AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.										
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP	POLE	LOAD DESCRIPTION	CKT No.		
1	RECEPTACLE(S)	1	20	1.4	1.0	20	1	U.C. FRIDGE	2	
3	RECEPTACLE(S)	1	20	0.8	1.0	20	1	U.C. FRIDGE	4	
5	RESTROOM RCPT.	1	20	0.8	1.0	20	1	U.C. FRIDGE	6	
7	RESTROOM RCPT.	1	20	1.2	1.0	20	1	U.C. FRIDGE	8	
9	DROP DOWN SCREEN	1	20	1.0	1.0	20	1	BREAK RCPT.	10	
11	LIGHTING	1	20	0.4	1.0	20	1	BCREAK RCPT.	12	
13	RESTROOM LIGHTS	1	20	0.4	1.0	20	1	COFFEE	14	
15	RESTROOM LIGHTS	1	20	0.4	0.4	20	1	TELEPHONE BACKBOARD	16	
17	EXTERIOR LIGHTS	1	20	0.4	1.2	20	1	LP-1 THRU 8	18	
19					1.2	20	1	LP-9 THRU 13	20	
21					1.1	20	1	LP-14 THRU 18	22	
23					1.1	20	1	LP-19 THRU 22	24	
25					0.9	20	1	LP-23 THRU 24	26	
27					0.8	20	1	LP-25 THRU 27	28	
29								30		
31								32		
33								34		
35								36		
37								38		
39								40		
41								42		
TOTAL CONNECTED LOAD 20.5 KVA										

* VERIFY AIC RATING WITH ACTUAL AVAILABLE FAULT CURRENT FROM POWER COMPANY.

PANEL M1										
208/120 V, 3 PH, 4 W, 60 HZ 400 AMP MAINS SURFACE ☒										
MLO										
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 42,000* AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.										
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP	POLE	LOAD DESCRIPTION	CKT No.		
1	PGP-10	2	50	6.0	7.2	60	2	PGP-19	2	
3								4		
5	PGP-11	2	50	6.0	7.2	60	2	PGP-20	6	
7								8		
9	PGP-12	2	60	7.2	7.2	60	2	PGP-21	10	
11								12		
13	PGP-13	2	60	7.2	11.1	50	3	PGP-22	14	
15								16		
17	PGP-14	2	60	7.2				18		
19								20		
21	PGP-15	2	60	7.2	10.5	50	3	PGP-23	22	
23								24		
25	PGP-16	2	60	7.2	12.0	60	3	PGP-24	26	
27								28		
29	PGP-17	2	60	7.2				30		
31								32		
33	PGP-18	2	60	7.2				34		
35								36		
37								38		
39								40		
41								42		
TOTAL CONNECTED LOAD 117.6 KVA										

* VERIFY AIC RATING WITH ACTUAL AVAILABLE FAULT CURRENT FROM POWER COMPANY.

PANEL M2										
208/120 V, 3 PH, 4 W, 60 HZ 200 AMP MAINS SURFACE ☒										
MLO										
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 42,000* AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.										
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP	POLE	LOAD DESCRIPTION	CKT No.		
1	HP-1	2	25	3.4	3.4	25	2	HP-2	2	
3								4		
5	PGP-1	2	30	3.6	4.1	40	2	PGP-6	6	
7								8		
9	PGP-2	2	35	3.8	4.1	40	2	PGP-7	10	
11								12		
13	PGP-3	2	35	3.8	4.1	40	2	PGP-8	14	
15								16		
17	PGP-4	2	35	3.8	4.5	45	2	PGP-9	18	
19								20		
21	PGP-5	2	35	3.8	4.1	30	2	WH-3	22	
23								24		
25	WH-1	1	30	2.5	7.5	45	2	WH-4	26	
27	WH-2	1	30	2.5				28		
29	EF-5	1	20	0.7				30		
31	FACP	1	20	0.5				32		
33								34		
35								36		
37								38		
39								40		
41								42		
TOTAL CONNECTED LOAD 53.4 KVA										

* VERIFY AIC RATING WITH ACTUAL AVAILABLE FAULT CURRENT FROM POWER COMPANY.

PANEL C										
208/120 V, 3 PH, 4 W, 60 HZ 100 AMP MAINS SURFACE ☒										
100 AMP MAIN BKR										
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 42,000* AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.										
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP	POLE	LOAD DESCRIPTION	CKT No.		
1	LIGHTING	1	20	1.2	0.8	20	1	RECEPTACLE(S)	2	
3	LIGHTING	1	20	0.6	1.0	20	1	RECEPTACLE(S)	4	
5	LIGHTING	1	20	0.6	0.8	20	1	RECEPTACLE(S)	6	
7	COPIER	1	20	1.0	0.8	20	1	RECEPTACLE(S)	8	
9	D. RCPT.	1	20	1.0	0.8	20	1	RECEPTACLE(S)	10	
11	COPIER	1	20	1.0	1.2	20	1	RECEPTACLE(S)	12	
13	COPIER	1	20	1.0	1.0	20	1	RECEPTACLE(S)	14	
15	DED. RCPT.	1	20	1.0	1.0	20	1	RECEPTACLE(S)	16	
17	DATA	1	20	0.4	0.8	20	1	RECEPTACLE(S)	18	
19	DATA	1	20	0.4	0.6	20	1	RECEPTACLE(S)	20	
21	DATA	1	20	0.4	1.4	20	1	RECEPTACLE(S)	22	
23	DATA	1	20	0.4	0.8	20	1	RECEPTACLE(S)	24	
25					1.0	20	1	RECEPTACLE(S)	26	
27					1.0	20	1	RECEPTACLE(S)	28	
29					0.8	20	1	RECEPTACLE(S)	30	
31					1.2	20	1	RECEPTACLE(S)	32	
33					0.8	20	1	RECEPTACLE(S)	34	
35					1.4	20	1	RECEPTACLE(S)	36	
37					1.2	20	1	RECEPTACLE(S)	38	
39					0.8	20	1	RECEPTACLE(S)	40	
41								42		
TOTAL CONNECTED LOAD 28.2 KVA										

* VERIFY AIC RATING WITH ACTUAL AVAILABLE FAULT CURRENT FROM POWER COMPANY.

LIGHTING CONTROL			32 RELAY SURFACE ☒		
PANEL "L"			120V, 1ø, 2W		
LIGHT DESCRIPTION	KVA	REMARKS			
1 CONFERENCE 101	0.1	CIRCUIT B-18			
2 CONFERENCE 102	0.1	CIRCUIT B-18			
3 TRAINING 10B	0.2	CIRCUIT B-18			
4 TRAINING 10B	0.2	CIRCUIT B-18			
5 EXECUTIVE OFFICE	0.1	CIRCUIT B-18			
6 EXECUTIVE OFFICE	0.1	CIRCUIT B-18			
7 EXECUTIVE OFFICE	0.2	CIRCUIT B-18			
8 EXECUTIVE OFFICE	0.2	CIRCUIT B-18			
9 STUDIO ONE	0.3	CIRCUIT B-20			
10 STUDIO TWO	0.3	CIRCUIT B-20			
11 SHARED CONF. S103	0.1	CIRCUIT B-20			
12 STUDIO THREE	0.2	CIRCUIT B-20			
13 STUDIO FOUR	0.2	CIRCUIT B-20			
14 ENTRY	0.1	CIRCUIT B-22			
15 RECEPTION 103	0.2	CIRCUIT B-22			
16 RECEPTION 103	0.2	CIRCUIT B-22			
17 RECEPTION 103	0.3	CIRCUIT B-22			
18 CORRIDOR	0.3	CIRCUIT B-22			
19 CORRIDOR 116	0.6	CIRCUIT B-24			
20 BREAK AREA 117	0.3	CIRCUIT B-24			
21 TRAINING 10B	0.1	CIRCUIT B-24			
22 TRAINING 10B	0.1	CIRCUIT B-24			
23 CORRIDOR 120	0.8	CIRCUIT B-26			
24 BREAK AREA 117	0.1	CIRCUIT B-26			
25 FUTURE TENANT F01	0.3	CIRCUIT B-28			
26 FUTURE TENANT F03, F-04	0.3	CIRCUIT B-28			
27 FUTURE TENANT F02	0.2	CIRCUIT B-28			
28					
29					
30					
31					
32					

PANEL D										
208/1										