

A

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C

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E

F

CIRCUIT NO.	SIZE CONDUIT	POWER CABLE			GRD	PANEL: PANEL E3R1 (EXISTING) VOLTAGE: 208/120V 3P 4W										TYPE: SURFACE MOUNT MAINS: 225A MLO										POWER CABLE			SIZE CONDUIT	CIRCUIT NO.		
		NO RUNS	NEUT	PHASE		PANEL: PANEL E3R1 (EXISTING) VOLTAGE: 208/120V 3P 4W										TYPE: SURFACE MOUNT MAINS: 225A MLO										NO RUNS	NEUT	PHASE				
						PANEL: PANEL E3R1 (EXISTING) VOLTAGE: 208/120V 3P 4W										TYPE: SURFACE MOUNT MAINS: 225A MLO												NO RUNS			NEUT	PHASE
						DEVICES	BRANCH CIRCUIT			PHASE LOAD (KVA)			BRANCH CIRCUIT			DEVICES			GRD.	PHASE	NEUT	NO RUNS										
					AMP TRIP	POLE	KAC	DESIGNATION			AMPS	GA	GB	GC	AMPS	DESIGNATION			KAC	POLE	AMP TRIP	GRD.										
1	¾"							EXISTING CIRCUIT								EXISTING CIRCUIT																
3	¾"							EXISTING CIRCUIT								EXISTING CIRCUIT																
5	¾"							EXISTING CIRCUIT								EXISTING CIRCUIT																
7	¾"							EXISTING CIRCUIT								EXISTING CIRCUIT																
9	¾"	1	10	10	10	20	1	FCU-A, E								EXISTING CIRCUIT																
11	¾"	1	10	10	10	20	1	FCU-A, E			6.0					ATU 2,3,4,5,7,9,10,11			1	20	10	10	10	1	1	¾"	12					
13	¾"							EXISTING CIRCUIT								EXISTING CIRCUIT																
15	¾"							EXISTING CIRCUIT								EXISTING CIRCUIT																
17	¾"							EXISTING CIRCUIT								EXISTING CIRCUIT																
19	¾"							EXISTING CIRCUIT							6.0	FCU-A,C,D				1	20	10	10	10	1	1	¾"	20				
21	¾"							EXISTING CIRCUIT							6.0	FCU-A			1	20	10	10	10	1	1	¾"	22					
23	¾"							EXISTING CIRCUIT							6.0	FCU-B,E			1	20	10	10	10	1	1	¾"	24					
25	¾"	1	10	10	10	20	1	FCU-A			6.0					EXISTING CIRCUIT																
27	¾"	1	10	10	10	20	1	FCU-A			6.0					EXISTING CIRCUIT																
29								EXISTING CIRCUIT								EXISTING CIRCUIT																
31								EXISTING CIRCUIT								EXISTING CIRCUIT																
33	¾"	1	10	10	10	20	1	FCU-A			6.0					EXISTING CIRCUIT																
35	¾"	1	10	10	10	20	1	FCU-A			6.0					EXISTING CIRCUIT																
37	¾"	1	10	10	10	20	1	ATU-12,13,14,15,16,17,18			12.0					ATU-1			1	20	10	10	10	1	1	¾"	38					
39								EXISTING CIRCUIT								EXISTING CIRCUIT																
41	¾"	1	10	10	10	20	1	RECPT-3B116 & 3B118			6.0					EXISTING CIRCUIT																
43	¾"							-								-																
45								-								-																
47								-								-																
49						100										-																
51						100	3	MAIN								-																
53						100										-																

NOTES:
1. ALL CIRCUIT BREAKERS SHALL BE NEW, KAIC SHALL MATCH EXISTING.
2. CONTRACTOR SHALL PROVIDE A NEW DETAILED PANEL SCHEDULE.

CIRCUIT NO.	SIZE CONDUIT	POWER CABLE			GRD	PANEL: PANEL LS3L1 (EXISTING) VOLTAGE: 208/120V 3P 4W										TYPE: SURFACE MOUNT MAINS: 225A MLO										POWER CABLE			CIRCUIT NO.		
		NO RUNS	NEUT	PHASE		PANEL: PANEL LS3L1 (EXISTING) VOLTAGE: 208/120V 3P 4W										TYPE: SURFACE MOUNT MAINS: 225A MLO										NO RUNS	NEUT	PHASE			
						KAC	DESIGNATION	AMPS	PHASE LOAD (KVA)			AMPS	BRANCH CIRCUIT			KAC	POLE	AMP TRIP	GRD.												
									ØA	ØB	ØC		AMPS	DESIGNATION	AMPS					POLE	AMP TRIP										
1	¾	1	10	10	10	20	1		RECPT-3B107,109	6.0				3.0	LTG RM 3B11	1	20	10	10	10	1	¾	2								
3	¾	1	10	10	10	20	1		RECPT-3B112,114	6.0				3.0	LTG ROOM C316	1	20	10	10	10	1	¾	4								
5									EXISTING CIRCUIT					8.0	RECPT-3B147,149,151	1	20	10	10	10	1	¾	6								
7	¾	1	10	10	10	20	1		RECPT-3B130, 133,135	8.0				6.0	RECPT-3B153,155	1	20	10	10	10	1	¾	8								
9	¾	1	10	10	10	20	1		RECPT-3B139,141,143	8.0				3.0	RECPT-RM 3B144	1	20	10	10	10	1	¾	10								
11	¾	1	10	10	10	20	1		LTG RM 3B120	3.0				3.0	RECPT-RM 3B153	1	20	10	10	10	1	¾	12								
13	¾	1	10	10	10	20	1		LTG RM C35	3.0					SPARE	1	20														
15	¾	1	10	10	10	20	1		RECPT-RM 3B107	6.0					SPARE	1	20														
17	¾	1	10	10	10	20	1		RECPT-RM 3B112	6.0					SPARE	1	20														
19	¾	1	10	10	10	20	1		RECPT-RM 3B130	3.0				-																	
21	¾	1	10	10	10	20	1		RECPT-RM 3B133	3.0				-																	
23	¾	1	10	10	10	20	1		RECPT-RM 3B141	3.0				-																	
25	¾	1	10	10	10	20	1		RECPT-RM 3B144	6.0				-																	
27	¾	1	10	10	10	20	1		RECPT-RM 3B147	6.0				-																	
29									SPARE					-																	
31									SPARE					-																	
33									SPARE					-																	
35									SPARE					-																	
37									100					-																	
39									100 3	MAIN				-																	
41									100					-																	

NOTES:
1. ALL CIRCUIT BREAKERS SHALL BE NEW, KAIC SHALL MATCH EXISTING.
2. CONTRACTOR SHALL PROVIDE A NEW DETAILED PANEL SCHEDULE.

CIRCUIT NO.	SIZE CONDUIT	POWER CABLE			GRD	PANEL: PANEL E3L1A (EXISTING) VOLTAGE: 480/277V 3P 4W										TYPE: SURFACE MOUNT MAINS: 225A MLO										POWER CABLE			CIRCUIT NO.
		NO RUNS	NEUT	PHASE		DEVICE					BRANCH CIRCUIT					BRANCH CIRCUIT					DEVICE					NO RUNS	NEUT	PHASE	
						POLE	KAC	DESIGNATION	AMPS	PHASE LOAD (KVA)			AMPS	DESIGNATION	KAC	POLE	AMP TRIP												
										ØA	ØB	ØC																	
1	¾	1	10	10	10	20	1	LIGHTS	13.4						EXISTING CIRCUIT													2	
3	¾	1	10	10	10	20	1	LIGHTS	12.7						EXISTING CIRCUIT													4	
5	¾	1	10	10	10	20	1	LIGHTS	14.1						EXISTING CIRCUIT													6	
7	¾	1	10	10	10	20	1	LIGHTS	11.0						EXISTING CIRCUIT													8	
9	¾	1	10	10	10	20	1	LIGHTS	10.0						EXISTING CIRCUIT													10	
11	¾	1	10	10	10	20	1	LIGHTS	14.1						EXISTING CIRCUIT													12	
13	¾	1	12	12	12	20	1	LIGHTS	3.5						EXISTING CIRCUIT													14	
15	¾	1	10	10	10	20	1	LIGHTS	12.4						EXISTING CIRCUIT													16	
17	¾	1	10	10	10	20	1	LIGHTS	10.7						EXISTING CIRCUIT													18	
19	¾	1	10	10	10	20	1	LIGHTS	10.0						EXISTING CIRCUIT													20	
21	¾	1	10	10	10	20	1	LIGHTS	10.0						EXISTING CIRCUIT													22	
23	¾	1	12	12	12	20	1	LIGHTS	10.0						EXISTING CIRCUIT													24	
25	¾	1	10	10	10	20	1	LIGHTS	10.0						EXISTING CIRCUIT													26	
27	¾	1	10	10	10	20	1	LIGHTS	10.0						EXISTING CIRCUIT													28	
29	¾	1	10	10	10	20	1	LIGHTS	10.0						EXISTING CIRCUIT													30	