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CIRCUIT NO.	SIZE CONDUIT	POWER CABLE			GRD.	PANEL: PANEL E3R1 (EXISTING) VOLTAGE: 208/120V 3P 4W										TYPE: SURFACE MOUNT MAINS: 225A MLO										POWER CABLE			CIRCUIT NO.	
		NO RUNS	NEUT	PHASE		DEVICE				BRANCH CIRCUIT				PHASE LOAD (KVA)	ØA	ØB	ØC	BRANCH CIRCUIT				DEVICE								
						AMP/TRIP	POLE	K/AC	DESIGNATION	AMPS	AMP/TRIP	POLE	K/AC					DESIGNATION	AMP/TRIP	POLE	K/AC	GRD.	PHASE	NEUT	NO RUNS					
1	¾"								EXISTING CIRCUIT										EXISTING CIRCUIT											2
3	¾"								EXISTING CIRCUIT										EXISTING CIRCUIT											4
5	¾"								EXISTING CIRCUIT										EXISTING CIRCUIT											6
7	¾"								EXISTING CIRCUIT										EXISTING CIRCUIT											8
9	¾"	1	10	10	10	20	1		FCU-A, E										EXISTING CIRCUIT											10
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	10	1	¾"			12
13	¾"								EXISTING CIRCUIT										EXISTING CIRCUIT											14
15	¾"								EXISTING CIRCUIT										EXISTING CIRCUIT											16
17	¾"								EXISTING CIRCUIT										EXISTING CIRCUIT											18
19	¾"								EXISTING CIRCUIT										EXISTING CIRCUIT											20
21	¾"								EXISTING CIRCUIT										FCU-A,C,D	1	20	10	10	10	10	1	¾"			22
23	¾"								EXISTING CIRCUIT										FCU-A	1	20	10	10	10	10	1	¾"			24
25	¾"	1	10	10	10	20	1		FCU-A	6.0									FCU-B,E	1	20	10	10	10	10	1	¾"			26
27	¾"	1	10	10	10	20	1		FCU-A	6.0									EXISTING CIRCUIT											28
29									EXISTING CIRCUIT										EXISTING CIRCUIT											30
31									EXISTING CIRCUIT										EXISTING CIRCUIT											32
33	¾"	1	10	10	10	20	1		FCU-A	6.0									EXISTING CIRCUIT											34
35	¾"	1	10	10	10	20	1		FCU-A	6.0									EXISTING CIRCUIT											36
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	10	1	¾"			38
39									EXISTING CIRCUIT										EXISTING CIRCUIT											40
41	¾"	1	10	10	10	20	1		RECPT-3B116 & 3B118	6.0																				42
43									-										-											44
45									-										-											46
47									-										-											48
49									-										-											50
51									-										-											52
53									-										-											54

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		DEVICE				BRANCH CIRCUIT				PHASE LOAD (KVA)	ØA	ØB	ØC	BRANCH CIRCUIT				K/AC	POLE	AMP/TRIP	GRD.	PHASE	NEUT	NO RUNS				
						AMP/TRIP	POLE	K/AC	DESIGNATION	AMPS	ØA	ØB	ØC					AMP/TRIP	POLE	K/AC	DESIGNATION	AMPS	ØA	ØB	ØC							
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						14	
15	¾	1	10	10	10	20	1		RECPT-RM 3B107	6.0													SPARE	1	20						16	
17	¾	1	10	10	10	20	1		RECPT-RM 3B112	6.0													SPARE	1	20						18	
19	¾	1	10	10	10	20	1		RECPT-RM 3B130	3.0											-										20	
21	¾	1	10	10	10	20	1		RECPT-RM 3B133	3.0																					22	
23	¾	1	10	10	10	20	1		RECPT-RM 3B141	3.0																					24	
25	¾	1	10	10	10	20	1		RECPT-RM 3B144	6.0																					26	
27	¾	1	10	10	10	20	1		RECPT-RM 3B147	6.0																					28	
29									SPARE																						30	
31									SPARE																						32	
33									SPARE																						34	
35									SPARE																						36	
37									100																						38	
39									100 3																						40	
41									100																						42	

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				PHASE LOAD (KVA)			BRANCH CIRCUIT				DEVICE								
						POLE	K/AC	DESIGNATION	AMPS	ØA	ØB	ØC	AMPS	DESIGNATION	K/AC	POLE	AMP/TRIP												
																		GRD.	PHASE	NEUT	NO RUNS								
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							