



GENERAL NOTES

- SEE SHEET E0.2 FOR GENERAL NOTES.
- ALL ELECTRICAL EQUIPMENT IS EXISTING UNLESS NOTED OTHERWISE.

PARTIAL SINGLE LINE DIAGRAM

SCALE: NOT TO SCALE

GROUP 6 KITCHEN RENOV.						PANEL SCHEDULE										EX.PANEL: A										250065							
Location						Feed Through						Source: MSB-B																					
Cat	Load Description					Phase	Amp	Poles	Notes	Rec	Lip	Krt	Mtr	Htg	Ctg	Cont	Non	Total	Specifications														
1	EX L.TS DINING ROOM					A	20	1	1									0.8															
3	EX L.TS DINING ROOM					B	20	1	1									0.8	Rating (Amps)														
5	EX TIMER OUTSIDE L.TS					C	20	1	1									0.8	Voltage (L-L)														
7	EX OUTSIDE L.TS					A	20	1	1									0.8	Phase														
9	EX L.TS FACULTY DINING					B	20	1	1									0.8	Wire														
11	EX FLY FANS					C	20	1	1									0.95	Bus Material														
13	EX L.TS SERVE LINE					A	20	1	1									0.8	Rating														
15	EX L.TS SERVE AREA					B	20	1	1									0.8	Main Lug Only														
17	EX HOOD L.TS					C	20	1	1									0.8	Main Out Brkr														
19	EX L.TS KITCHEN STORAGE					A	20	1	1									0.8															
21	EX L.TS RECP + NEW COOLER L.TS					B	20	1	2									0.7															
23	EX L.TS OUTSIDE LINE					C	20	1	1									0.8	Surface Mtd														
25	EX DESK BATHROOM L.TS					A	20	1	1									0.8	Flush Mtd														
27	SPARE C.B.					B	20	1	1									0.0															
										Bonded Gnd										-													
										Isolated Gnd										-													
										200% Neutral										-													
										Feed Thru										-													
										Double Lug										-													
										Tap Feed										-													
										Bottom Feed										-													
2	EX L.TS DINING ROOM					A	20	1										0.8															
4	EX L.TS DINING ROOM					B	20	1										0.8															
6	EX EXIT L.TS					C	20	1										0.8															
8	SPARE C.B.					A	20	1										0.0	Feed Thru Load														
10	EX RECEPTACLES DINING ROOM					B	20	1										0.0	Phase A														
12	EX RECEPTACLES FACULTY DINING					C	20	1										0.0	Phase B														
14	EX RECEPTACLES DINING ROOM					A	20	1										0.0	Phase C														
16	EX RECEPTACLES SERVE CRESSCOR					B	20	1										1.50	Total Count from This Panel:														
18	SPARE C.B.					C	20	1										0.8	Phase A														
20	EX L.TS KITCHEN					A	20	1										0.8	Phase B														
22	EX L.TS KITCHEN					B	20	1										0.8	Phase C														
24	A-1					C	100	3			2.88	0.00	0.00	0.00	0.00	0.00	1.70	4.2	Phase A														
26	-					A	-	-			1.08	0.00	0.00	0.00	0.00	0.00	0.00	4.09	5.1	Phase B													
28	-					B	-	-			1.08	0.00	0.00	0.00	0.00	0.00	0.00	5.26	6.3	Phase C													
										Total Connected Load:																							
										Phase A:										10.64													
										Phase B:										13.22													
										Phase C:										8.40													
										Total:										32.26													
										Total Feeder Demand Load:																							
										Total:										35.0 KVA													
										Avg. Amps/Phase:										97 A													
CATEGORY																				TOTAL CORN LOAD (KVA)		DEMAND FACTOR		DEMAND LOAD (KVA)		NOTES:							
Readboards																				7.74		50%-10KVA		7.74		1. EXISTING CIRCUIT BREAKER AND LOAD TO REMAIN.							
Lighting																				11.04		125%		13.80		2. UPDATED LOAD. EXISTING CIRCUIT BREAKER TO REMAIN.							
Kitchen Equipment																				0.00		NEC 220-56		0.00		3. NEW LOAD. PROVIDE NEW CIRCUIT BREAKER WITH 40A RATING TO MATCH EXISTING.							
Motors (Large)																				0.00		100%		0.00		4. CIRCUIT BREAKER MADE SPARE AS PART OF THIS PROJECT.							
Motors																				0.00		100%		0.00									
Heating																				0.00		NEC 220-60		0.00		GENERAL NOTES:							
Cooling																				0.00		NEC 220-60		0.00		A. CONTRACTOR TO VERIFY SPARE BREAKERS.							
Continuous Load																				0.00		125%		0.00									
Non-Continuous Load																				0.00		100%		0.00									
																				0.00		100%		0.00									
TOTAL																				32.26		100%		35.02									
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