PANEL-CP6

MOUNTING: SURFACE — VOLTAGE: 120/208V,3P,4W — LOCATION: ELECTRICAL ROOM — 10,000 AIC SYM — 225 AMP BUS — MLO

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	CLASSROOM RECEPT.	900				5		1	20	1	2	20	1				138			FC-5	
	CLASSROOM RECEPT.		900			5		1	20	3	4	20	1					1440		CU-5	
	CLASSROOM RECEPT.			900		5		1	20	5	6	20	1						500	ROOF	
	IDF-6	500					1	1	20	7	8	20	1							SPARE	
	CEILING PROJECTOR		360				1	1	20	9	10	20	1							SPARE	
	CEILING PROJECTOR			360			1	1	20	11	12	20	1							SPARE	
	CEILING PROJECTOR	360					1	1	20	13	14	100	3	1			6076			PANEL "B1"	
	CEILING PROJECTOR		360				1	1	20	15	16	–	–					5120		–	
	CEILING PROJECTOR			360			1	1	20	17	18	–	–						3894	–	
	CEILING PROJECTOR	360					1	1	20	19	20	20	1	1			300			"RPS-6"	*
	CEILING PROJECTOR		360				1	1	20	21	22	20	1	1				1200		ROOM #107	
	CEILING PROJECTOR			360			1	1	20	23	24	20	1	3					1200	ROOM #107	
	CEILING PROJECTOR	360					1	1	20	25	26	20	1	3			1200			ROOM #108	
	ROOM #110		1200				3	1	20	27	28	20	1	3				1200		ROOM #108	
	ROOM #110			1200			3	1	20	29	30	20	1	3					1200	ROOM #106	
	ROOM #111	1200					3	1	20	31	32	20	1	3			1200			ROOM #106	
	ROOM #111		1200				3	1	20	33	34	20	1	3				1200		ROOM #109	
	ROOM #112A			1200			3	1	20	35	36	20	1	3					1200	ROOM #109	
	ROOM #112A	1200					3	1	20	37	38	20	1			11	700			EXTERIOR LIGHTING	
	ROOM #112B		1200				3	1	20	39	40	20	1							SPARE	
	ROOM #112B			1200			3	1	20	41	42	20	1							SPARE	
	SUBTOTAL	4880	5580	5580													9614	10160	7994	SUBTOTAL	
																	14494	15740	13574	VA PER PHASE	
																		43.8 KVA		TOTAL CONNECTED LOAD	

CONTINUOUS LOAD, 15790 VA X 1.25 = 19738 VA
+ OTHER LOAD = 28018 VA
TOTAL LOAD = 47756 VA
OR = 133 AMPS

11 LIGHTING OUTLETS
15 CONVENIENCE OUTLETS
58 MISCELLANEOUS OUTLETS

NOTES: 1, 2, 3, 4

* PROVIDE/INSTALL CIRCUIT BREAKER WITH LOCK-ON DEVICE AND RED LABEL FOR CIRCUIT BREAKER INDICATING "FIRE ALARM ONLY".

PANEL-CP7

MOUNTING: SURFACE — VOLTAGE: 120/208V,3P,4W — LOCATION: ELECTRICAL ROOM — 10,000 AIC SYM — 225 AMP BUS — MLO

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	CLASSROOM RECEPT.	720				4		1	20	1	2	20	1	1			960			EF-3	
	CLASSROOM RECEPT.		720			4		1	20	3	4	20	1	1				136		FC-6	
	CLASSROOM RECEPT.			540		3		1	20	5	6	20	1	1					1440	CU-6	
	IDF-7	500					1	1	20	7	8	20	1							SPARE	
	CEILING PROJECTOR		360				1	1	20	9	10	20	1							SPARE	
	CEILING PROJECTOR			360			1	1	20	11	12	20	1							SPARE	
	CEILING PROJECTOR	360					1	1	20	13	14	100	3	1			4640			PANEL "C-1"	
	CEILING PROJECTOR		360				1	1	20	15	16	–	–					4096		–	
	CEILING PROJECTOR			360			1	1	20	17	18	–	–						4480	–	
	CEILING PROJECTOR	360					1	1	20	19	20	20	1	1			300			"RPS-7"	*
	CEILING PROJECTOR		360				1	1	20	21	22	20	1	3				1200		ROOM #125	
	CEILING PROJECTOR			360			1	1	20	23	24	20	1	3					1200	ROOM #125	
	ROOM #122	1200					3	1	20	25	26	20	1	3			1200			ROOM #126	
	ROOM #122		1200				3	1	20	27	28	20	1	3				1200		ROOM #126	
	ROOM #123			1200			3	1	20	29	30	20	1	3					1200	ROOM #127	
	ROOM #123	1200					3	1	20	31	32	20	1	3			1200			ROOM #127	
	ROOM #124		1200				3	1	20	33	34	20	1	3				1200		ROOM #128	
	ROOM #124			1200			3	1	20	35	36	20	1	3					1200	ROOM 3128	
	ROOM #129	1200					3	1	20	37	38	20	1			14	800			EXTERIOR LIGHTING	
	ROOM #129		1200				3	1	20	39	40	20	1								
	SPARE							1	20	41	42	20	1								
	SUBTOTAL	5540	5400	4020													9100	7832	9520	SUBTOTAL	
																	14640	13232	13540	VA PER PHASE	
																		41.4 KVA		TOTAL CONNECTED LOAD	

CONTINUOUS LOAD, 14016 VA X 1.25 = 17520 VA
+ OTHER LOAD = 27396 VA
TOTAL LOAD = 44916 VA
OR = 125 AMPS

14 LIGHTING OUTLETS
11 CONVENIENCE OUTLETS
62 MISCELLANEOUS OUTLETS

NOTES: 1, 2, 3, 4

* PROVIDE/INSTALL CIRCUIT BREAKER WITH LOCK-ON DEVICE AND RED LABEL FOR CIRCUIT BREAKER INDICATING "FIRE ALARM ONLY".

PANEL-R1,R2,R3 & R4 (EXISTING)

MOUNTING: FLUSH — VOLTAGE: 120/208V,3P,4W — LOCATION: CLASSROOM — 10,000 AIC SYM — 100 AMP BUS — 100A-3P MCB

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	EXISTING LOAD	1520						1	20	1	2	20	1				1000			EXISTING LOAD	
	EXISTING LOAD		720					1	20	3	4	20	1					720		EXISTING LOAD	
	EXISTING LOAD			2040				3	30	5	6	20	1						900	EXISTING LOAD	
	----	2040						–	–	7	8	30	3				3200			EXISTING LOAD	
	----		2040					–	–	9	10	–	–					3200		----	
	EXISTING LOAD			333				2	20	11	12	–	–						3200	----	
	----	333						–	–	13	14	20	1	2			800			CLASSROOM PROJ.	•
•	IDF		1000				1	1	20	15	16	20	1	2				800		CLASSROOM PROJ.	•
								1	20	17	18	20	1	2					800	CLASSROOM COMP.	•
								1	20	19	20	20	1	2			800			CLASSROOM COMP.	•
								1	20	21	22	20	1	1				500		RPS-1	•*▲
								1	20	23	24	20	1								
								1	20	25	26	20	1								
								1	20	27	28	20	1								
								1	20	29	30	20	1								
								1	20	31	32	20	1								
								1	20	33	34	20	1								
								1	20	35	36	20	1								
								1	20	37	38	20	1								
								1	20	39	40	20	1								
								1	20	41	42	20	1								
	SUBTOTAL	3893	3760	2373													5800	5220	4900	SUBTOTAL	
																	9693	8980	7273	VA PER PHASE	
																		25.9 KVA		TOTAL CONNECTED LOAD	

CONTINUOUS LOAD, 2040 VA X 1.25 = 2550 VA
+ OTHER LOAD = 23906 VA
TOTAL LOAD = 26456 VA
OR = 74 AMPS

10 MISCELLANEOUS OUTLETS

NOTES: 1, 2, 3, 4

• PROVIDE/INSTALL NEW 1P,20A CIRCUIT BREAKER IN EXISTING SPACE. NEW CIRCUIT BREAKER SHALL BE COMPATIBLE WITH THE EXISTING PANELBOARD.

* PROVIDE/INSTALL CIRCUIT BREAKER WITH LOCK-ON DEVICE AND RED LABEL FOR CIRCUIT BREAKER INDICATING "FIRE ALARM ONLY".

▲ APPLICABLE FOR EXISTING PANEL R1 ONLY.

PANEL-SE1 (EXISTING)

MOUNTING: SURFACE — VOLTAGE: 120/208V,3P,4W — LOCATION: ELECTRICAL ROOM 412 — 10,000 AIC SYM — 400 AMP BUS — 400A-3P MCB

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	EXISTING LOAD	720						1	20	1	2	20	2				114			EXISTING LOAD	
	EXISTING LOAD		540					1	20	3	4	–	–					1144		----	
	EXISTING LOAD			540				1	20	5	6	20	2						1144	EXISTING LOAD	
	EXISTING LOAD	1144						2	20	7	8	–	–				1144			----	
	----		1144					–	–	9	10	20	2					1144		EXISTING LOAD	
	EXISTING LOAD			80				1	20	11	12	–	–						1144	----	
	EXISTING LOAD	900						1	20	13	14	20	2				2500			EXISTING LOAD	
	EXISTING LOAD		900					1	20	15	16	–	–					2500		----	
	EXISTING LOAD			720				1	20	17	18	20	1						900	EXISTING LOAD	
	EXISTING LOAD	720						1	20	19	20	20	1				900			EXISTING LOAD	
	EXISTING LOAD		1144					2	20	21	22	20	1					900		EXISTING LOAD	
	----			1144				–	–	23	24	50	2						4000	EXISTING LOAD	
•	CLASSROOM 101	1200					3	1	20	25	26	–	–				4000			----	
•	CLASSROOM 101		1200				3	1	20	27	28	20	1	3				1500		CLASSROOM 101,102.103	•
•	CLASSROOM 102			1200			3	1	20	29	30	20	1	1					144	FC-4	•
•	CLASSROOM 102	1200					3	1	20	31	32	30	1	1			1260			CU-4	•
•	CLASSROOM 103		1200				3	1	20	33	34	20	1							SPARE	
•	CLASSROOM 103			1200			3	1	20	35	36	20	1							SPARE	
•	IDF-4	1000					1	1	20	37	38	225	3				17829			(E) PANEL SE2	
*•	RPS-1		500				1	1	20	39	40	–	–					17829		–	
	SPARE							1	20	41	42	–	–						17829	–	
	SUBTOTAL	6884	6628	4884													27747	25017	25161	SUBTOTAL	
																	34631	31645	30045	VA PER PHASE	
																		96.3 KVA		TOTAL CONNECTED LOAD	

TOTAL LOAD = 96.321 KVA
OR = 268 AMPS

25 MISCELLANEOUS OUTLETS

NOTES: 1, 2, 3, 4

• PROVIDE/INSTALL NEW 1P,20A CIRCUIT BREAKER IN EXISTING SPACE. NEW CIRCUIT BREAKER SHALL BE COMPATIBLE WITH THE EXISTING PANELBOARD.

* PROVIDE/INSTALL CIRCUIT BREAKER WITH LOCK-ON DEVICE AND RED LABEL FOR CIRCUIT BREAKER INDICATING "FIRE ALARM ONLY".

PANEL-K2 (EXISTING)

MOUNTING: SURFACE — VOLTAGE: 120/208V,3P,4W — LOCATION: CLASSROOM — 10,000 AIC SYM — 225 AMP BUS — MLO

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	EXISTING LOAD	1407						2	20	1	2	20	2				1263			EXISTING LOAD	
	----		1202					–	–	3	4	–	–					987		----	
	EXISTING LOAD			1050				1	20	5	6	20	1						352	EXISTING LOAD	
	EXISTING LOAD	1128						1	20	7	8	30	1				2880			EXISTING LOAD	
	EXISTING LOAD		1500					1	20	9	10	30	1					2880		EXISTING LOAD	
	EXISTING LOAD			1500				1	20	11	12	20	1						1680	EXISTING LOAD	
	EXISTING LOAD	1500						1	20	13	14	20	1				1128			EXISTING LOAD	
	EXISTING LOAD		4000					3	40	15	16	20	1					324		EXISTING LOAD	
	----			4000				–	–	17	18	20	1						1128	EXISTING LOAD	
	----	4000						–	–	19	20	30	3				2400			EXISTING LOAD	
	EXISTING LOAD		2040					3	30	21	22	–	–					2400		----	
	----			2040				–	–	23	24	–	–						2400	----	
	----	2040						–	–	25	26	30	3				2400			EXISTING LOAD	
	EXISTING LOAD		504					1	20	27	28	–	–					2400		----	
•	CLASSROOM 104			1200				1	20	29	30	–	–						2400	----	
•	CLASSROOM 104	1200						1	20	31	32	20	1	4			1000			CLASSROOM 104,105	•
•	CLASSROOM 105		1200					1	20	33	34	20	1	1				1000		IDF-3	•
•	CLASSROOM 105			1200				1	20	35	36	20	1	1					500	RPS-3	•*
	SPARE							1	20	37	38	20	1							SPARE	
	SPARE							1	20	39	40	20	1							SPARE	
	SPARE							1	20	41	42	20	1							SPARE	
	SUBTOTAL	11275	10446	10990													11071	9991	8460	SUBTOTAL	
																	22346	20437	19450	VA PER PHASE	
																		62.2 KVA		TOTAL CONNECTED LOAD	

TOTAL LOAD = 62.233 KVA
OR = 173 AMPS

6 MISCELLANEOUS OUTLETS

NOTES: 1, 2, 3, 4

° PROVIDE/INSTALL NEW 1P,20A CIRCUIT BREAKER IN EXISTING SPACE. NEW CIRCUIT BREAKER SHALL BE COMPATIBLE WITH THE EXISTING PANELBOARD.

* PROVIDE/INSTALL CIRCUIT BREAKER WITH LOCK-ON DEVICE AND RED LABEL FOR CIRCUIT BREAKER INDICATING "FIRE ALARM ONLY".

PANEL-MP1 (EXISTING)

MOUNTING: SURFACE — VOLTAGE: 120/208V,3P,4W — LOCATION: CLASSROOM — 10,000 AIC SYM — 225 AMP BUS — MLO

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	EXISTING LOAD	1296						1	20	1	2	20	1				1500			EXISTING LOAD	
	EXISTING LOAD		1440					1	20	3	4	20	1					960		EXISTING LOAD	
	EXISTING LOAD			860				1	20	5	6	20	1						1500	EXISTING LOAD	
	EXISTING LOAD	732						1	20	7	8	20	1				960			EXISTING LOAD	
	EXISTING LOAD		1271					1	20	9	10	20	1					732		EXISTING LOAD	
	EXISTING LOAD			1440				1	20	11	12	20	1						1271	EXISTING LOAD	
	EXISTING LOAD	1320						1	20	13	14	20	1				1500			EXISTING LOAD	
	EXISTING LOAD		602					1	20	15	16	20	1					1500		EXISTING LOAD	
	EXISTING LOAD			1348				1	20	17	18	40	3						2853	EXISTING LOAD	
	EXISTING LOAD	748						1	20	19	20	–	–				2853			EXISTING LOAD	
	EXISTING LOAD		2500					1	30	21	22	–	–					2853		EXISTING LOAD	
•	EF-2			136				1	20	23	24	20	1						630	EXISTING LOAD	
	EXISTING LOAD	420						1	20	25	26	20	1	2			1000			CLASSROOM 118,120	•
•	CLASSROOM 120		1200				3	1	20	27	28	20	1	3				1500		CLASSROOM 117,119,121	•
•	CLASSROOM 120			1200			3	1	20	29	30	20	1	3					1200	CLASSROOM 117	•
•	CLASSROOM 121	1200					3	1	20	31	32	20	1	3			1200			CLASSROOM 117	•
•	CLASSROOM 121		1200				3	1	20	33	34	20	1	3				1200		CLASSRROM 118	•
	FC-2/CU-2			2028			1	2	40	35	36	20	1	3					1200	CLASSROOM 118	•
	–	2028						–	–	37	38	20	1	1			500			RPS-2	•*
	FC-3/CU-3		2028				1	2	40	39	40	20	1							SPARE	
	–			2028				–	–	41	42	20	1							SPARE	
	SUBTOTAL	7744	10241	9040													9513	8745	8654	SUBTOTAL	
																	17257	18986	17694	VA PER PHASE	
																		53.9 KVA		TOTAL CONNECTED LOAD	

TOTAL LOAD = 53.937 KVA
OR = 150 AMPS

32 MISCELLANEOUS OUTLETS

NOTES: 1, 2, 3, 4

• PROVIDE/INSTALL NEW 1P,20A CIRCUIT BREAKER IN EXISTING SPACE. NEW CIRCUIT BREAKER SHALL BE COMPATIBLE WITH THE EXISTING PANELBOARD.

* PROVIDE/INSTALL CIRCUIT BREAKER WITH LOCK-ON DEVICE AND RED LABEL FOR CIRCUIT BREAKER INDICATING "FIRE ALARM ONLY".

PANEL-A1 (EXISTING)

MOUNTING: SURFACE — VOLTAGE: 120/208V,3P,4W — LOCATION: MAIN ELECTRICAL ROOM — 10,000 AIC SYM — 225 AMP BUS — 225A-3P MCB

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	EXISTING LOAD	720						1	20	1	2	20	1				540			EXISTING LOAD	
	EXISTING LOAD		720					1	20	3	4	20	1					540		EXISTING LOAD	
	EXISTING LOAD			720				1	20	5	6	20	1						360	EXISTING LOAD	
	EXISTING LOAD	720						1	20	7	8	20	1				720			EXISTING LOAD	
	EXISTING LOAD		720					1	20	9	10	20	1					720		EXISTING LOAD	
	EXISTING LOAD			720				1	20	11	12	20	1						720	EXISTING LOAD	
	EXISTING LOAD	1144						2	20	13	14	20	2				1144			EXISTING LOAD	
	–		1144					–	–	15	16	–	–					1144		–	
	EXISTING LOAD			1200				1	20	17	18	20	1						700	EXISTING LOAD	
	EXISTING LOAD	1200						1	20	19	20	20	1				200			EXISTING LOAD	
	EXISTING LOAD		1125					1	20	21	22	60	2					3625		EXISTING LOAD	
	EXISTING LOAD			500				1	20	23	24	–	–						3625	–	
	EXISTING LOAD	500						1	20	25	26	20	1				720			EXISTING LOAD	
	EXISTING LOAD		1000					1	20	27	28	20	1					720		EXISTING LOAD	
	EXISTING LOAD			1000				1	20	29	30	20	1						300	EXISTING LOAD	
•	FC-1	144					1	1	20	31	32	20	1				500			EXISTING LOAD	
•	CU-1		1440				1	1	30	33	34	20	1							SPARE	
•	EF-1			146			1	1	20	35	36	20	1							SPARE	
	SPARE							1	20	37	38	20	1							SPARE	
	SPARE							1	20	39	40	20	1							SPARE	
	SPARE							1	20	41	42	20	1							SPARE	
	SUBTOTAL	4428	6149	4286													3824	6749	5705	SUBTOTAL	
																	8252	12898	9991	VA PER PHASE	
																		31.1 KVA		TOTAL CONNECTED LOAD	

TOTAL LOAD = 31.141 KVA
OR = 87 AMPS

3 MISCELLANEOUS OUTLETS

NOTES: 1, 2, 3, 4

• PROVIDE/INSTALL NEW 1P,20A CIRCUIT BREAKER IN EXISTING SPACE. NEW CIRCUIT BREAKER SHALL BE COMPATIBLE WITH THE EXISTING PANELBOARD.

PANEL-B1

MOUNTING: SURFACE — VOLTAGE: 120/208V,3P,4W — LOCATION: ELECTRICAL ROOM 113A — 10,000 AIC SYM — 100 AMP BUS — 100A-3P MCB

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	SPARE							1	20	1	2	20	1			18	1792			RM #107	
	SPARE							1	20	3	4	20	1			18		1792		RM #108	
	SPARE							1	20	5	6	20	1			9			640	BOYS AND GIRLS ROOM	
	SPARE							1	20	7	8	20	1			18	1792			RM #110	
	SPARE							1	20	9	10	20	1			18		1792		RM #109	
	SPARE							1	20	11	12	20	1			18			1792	RM #106	
	SPARE							1	20	13	14	20	1			18	1792			RM #111	
	SPARE							1	20	15	16	20	1			14		1536		RM #112A	
	SPARE							1	20	17	18	20	1			13			1462	RM #112B	
	SPARE							1	20	19	20	20	1							SPARE	
	SPARE							1	20	21	22	20	1							SPARE	
	SPARE							1	20	23	24	20	1							SPARE	
	SPARE							1	20	25	26	20	1							SPARE	
	SPARE							1	20	27	28	20	1							SPARE	
	SPARE							1	20	29	30	20	1							SPARE	
	SPACE									31	32	20	1							SPACE	
	SPACE									33	34	20	1							SPACE	
	SPACE									35	36	20	1							SPACE	
	SPACE									37	38	20	1			11	700			EXTERIOR LIGHTING	
	SPACE									39	40	20	1							SPARE	
	SPACE									41	42	20	1							SPARE	
		0	0	0													6076	5120	3894	SUBTOTAL	
																	6076	5120	3894	VA PER PHASE	
																		15.1 KVA		TOTAL CONNECTED LOAD	

CONTINUOUS LOAD, 15090 VA X 1.25 = 18863 VA
+ OTHER LOAD = 0 VA
TOTAL LOAD = 18863 VA
OR = 53 AMPS

155 LIGHTING OUTLETS

NOTES: 1, 2, 3, 4

PANEL-C1

MOUNTING: SURFACE — VOLTAGE: 120/208V,3P,4W — LOCATION: ELECTRICAL ROOM — 10,000 AIC SYM — 100 AMP BUS — 100A-3P MCB

NOTE	DESCRIPTION	VA A	VA B	VA C	LITE	RECP	MISC	POLE	BRKR	CIRC	CIRC	BRKR	POLE	MISC	RECP	LITE	VA A	VA B	VA C	DESCRIPTION	NOTE
	SPARE							1	20	1	2	20	1			24	1536			RM #123	
	SPARE							1	20	3	4	20	1			24		1536		RM #124	
	SPARE							1	20	5	6	20	1			24			1536	RM #122	
	SPARE							1	20	7	8	20	1			24	1536			RM #126	
	SPARE							1	20	9	10	20	1			24		1536		RM #127	
	SPARE							1	20	11	12	20	1			24			1536	RM #128	
	SPARE							1	20	13	14	20	1			12	768			BOYS AND GIRLS ROOM	
	SPARE							1	20	15	16	20	1			16		1024		RM #125	
	SPARE							1	20	17	18	20	1			22			1405	RM #120	
	SPARE							1	20	19	20	20	1							SPARE	
	SPARE							1	20	21	22	20	1							SPARE	
	SPARE							1	20	23	24	20	1							SPARE	
	SPARE							1	20	25	26	20	1							SPARE	
	SPARE							1	20	27	28	20	1							SPARE	
	SPARE							1	20	29	30	20	1							SPARE	
	SPACE									31	32	20	1							SPARE	
	SPACE									33	34	20	1							SPARE	
	SPACE									35	36	20	1							SPARE	
	SPACE									37	38	20	1			14	800			EXTERIOR LIGHTING	
	SPACE									39	40	20	1							SPARE	
	SPACE									41	42	20	1							SPARE	
		0	0	0													4640	4096	4477	SUBTOTAL	
																	4640	4096	4477	VA PER PHASE	
																		13.2 KVA		TOTAL CONNECTED LOAD	

CONTINUOUS LOAD, 13213 VA X 1.25 = 16517 VA
+ OTHER LOAD = 0 VA
TOTAL LOAD = 16517 VA
OR = 46 AMPS

208 LIGHTING OUTLETS

NOTES: 1, 2, 3, 4

gkkworks
2355 Main Street Suite 220
Irvine | CA 92614
949 250 1500
949 955 2708 fax

Architect Seal
LICENSED ARCHITECT — GUILLERMO AGUILAR — NO. C13165 — REN.: MAY, 2011 — STATE OF CALIFORNIA

Consultant and Seal
TMAD TAYLOR & GAINES — STRUCTURAL • MECHANICAL • ELECTRICAL • CIVIL
800 North Ferrari Lane, Suite 100
Ontario, California 91764
Phone: 909.477.6915 Fax: 909.477.6916
Project No. 2008.125.00
REGISTERED PROFESSIONAL ENGINEER — NESTOR C. IGNACIO, JR. — Lic. E16934 — Exp. 6-30-2011 — ELECTRICAL — STATE OF CALIFORNIA

Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL. 04-110031
AC ___ FLS ___ SS RH
DATE NOV 2 4 2009

No.	Date	Revision/Issue
	12/08/08	DSA SUBMITTAL
	02/11/09	DSA SUBMITTAL
	5/11/09	DSA BACKCHECK
	12/15/2011	BID SET

Project Name
MUIR FUNDAMENTAL SCHOOL MODERNIZATION
1951 MABURY ST.
SANTA ANA, CA 92707

Checked By: RA — Drawn By: KA

Sheet Title
PANELBOARD SCHEDULES

Sheet Number
E6.0

Project Number: 10021-010-00 — Scale: AS SHOWN

© 2009 gkkworks, All Rights Reserved
NO PART OF THE CONTENTS OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF GKKWORKS.