PANEL "LA1"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: 150A | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
A143 VENDING	1920						1	20	1	2	20	1				700			PROJECTOR
A143 VENDING		1920					1	20	3	4	20	1	3				540		A136
A143 COUNTER			180	1			1	20	5	6	20	1	4					720	A136
A143 MICROWAVE	1200						1	20	7	8	20	1	3			540			A135
A143 MICROWAVE		1200					1	20	9	10	20	1	3				540		A135
A143 GARBAGE DISPOSAL			1656				1	20	11	12	20	1	3					540	A135
A143 DISHWASHER	1920						1	20	13	14	20	1			1	49			EF-A7
A143 REFRIGERATOR		1200					1	20	15	16	20	1	4				720		A121,122,129
A143 ICE MAKER			1164				1	20	17	18	20	1						1500	A145 HAND DRYER
A143	900			5			1	20	19	20	20	1				1500			A145 HAND DRYER
A143		900		5			1	20	21	22	20	1					1500		A146 HAND DRYER
A140, 142			540	3			1	20	23	24	20	1						1500	A146 HAND DRYER
CIRC PUMP	500						1	20	25	26	20	1				732			A144 EDF, A147
EWH-2		2250					1	25	27	28	20	1					50		VAV
----------			2250			----	----		29	30	20	1							SPARE
A141	360			2			1	20	31	32	20	1							SPARE
A139		360		2			1	20	33	34	20	1							SPARE
A139			540	3			1	20	35	36	20	1							SPARE
SOUND EQUIPMENT	600						1	20	37	38	20	1							SPARE
SOUND EQUIPMENT		960					1	20	39	40	20	1							SPARE
SOUND EQUIPMENT			1920				1	20	41	42	20	1							SPARE
	7400	8790	8250													3521	3350	4260	
TOTAL WATTS=	35571			ΦA=	10921						ΦB=	12140						ΦC=	12510
AMPS=	98.74					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

PANEL "LA2"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: 400A | BUS: 400A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
COLD STORAGE	1684						1	20	1	2	20	1				1776			MILK COOLERS
COMPRESSOR		4368					3	50	3	4	20	1					1200		CASH REGISTER
----------			4368				----	----	5	6	25	1						2004	HOT CART
----------	4368						----	----	7	8	20	1				1200			CASH REGISTER
AIR SCREEN		900					1	20	9	10	20	1					1368		REFRIGERATOR
2 DISPOSERS			1488				3	20	11	12	20	1						1200	KITCHEN OUTLET
----------	1488						----	----	13	14	20	1				1200			KITCHEN OUTLET
----------		1488					----	----	15	16	25	1					2004		HOT CART
DISHWASHER			5400				3	60	17	18	25	1						2004	HOT CART
----------	5400						----	----	19	20	25	1				2004			HOT CART
----------		5400					----	----	21	22	25	1					2004		HOT CART
HOT CART			2004				1	20	23	24	25	1						2004	HOT CART
SPARE							1	20	25	26	20	1				1200			KITCHEN OUTLET
SPARE							1	20	27	28	20	1					1200		KITCHEN OUTLET
KITCHEN OUTLET			1200				1	20	29	30	20	1						480	TILTING SKILLETS
OVEN 1,2	1776						1	20	31	32	20	1				1200			KITCHEN OUTLET
OVEN 3,4		1776					1	20	33	34	20	1					1020		RANGE
OVEN 5,6			1776				1	20	35	36	20	1						1368	REFRIGERATOR
OVEN 7,8	1776						1	20	37	38	200	3				19150			PANEL 'LA3'
OVEN 9,10		1776					1	20	39	40	----	----					16610		----------
AIR SCREEN			1500				1	20	41	42	----	----						18372	----------
	16492	15708	17736													27730	25406	27432	
TOTAL WATTS=	1E+05			ΦA=	44222						ΦB=	41114						ΦC=	45168
AMPS=	362.2					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

PANEL "LA3"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: M L.O. | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
KITCHEN OUTLET	1200						1	20	1	2	20	1				1200			KITCHEN OUTLET
REFRIGERATOR		1368					1	20	3	4	1	20					1200		KITCHEN OUTLET
HOT CART			2004				1	25	5	6	25	1						2004	HOT CART
HOT CART	2004						1	25	7	8	25	1				2004			HOT CART
HOT CART		2004					1	25	9	10	1	20					1200		KITCHEN OUTLET
HOT CART			2004				1	25	11	12	1	20						1200	KITCHEN OUTLET
KITCHEN OUTLET	1200						1	20	13	14	1	20				1368			REFRIGERATOR
KITCHEN OUTLET		1200					1	20	15	16	1	20					1200		KITCHEN OUTLET
KITCHEN OUTLET			1200				1	20	17	18	1	20						1164	ICE MAKER
KITCHEN OUTLET	1200						1	20	19	20	1	20				1200			KITCHEN OUTLET
KITCHEN OUTLET		1200					1	20	21	22	1	20					1200		KITCHEN OUTLET
CASH REGISTER			1200				1	20	23	24	1	20						1608	MICROWAVE
HOT SERVER	1238						2	20	25	26	1	20				1608			MICROWAVE
----------		1238					----	----	27	28	1	20					1200		KITCHEN OUTLET
MILK COOLER			888				1	20	29	30	1	20						1200	KITCHEN OUTLET
CASH REGISTER	1200						1	20	31	32	20	3				1200			MIXER
CASH REGISTER		1200					1	20	33	34	----	----					1200		----------
AIR SCREEN			1500				1	20	35	36	----	----						1200	----------
MILK COOLER	888						1	20	37	38	20	1				1640			HOT SERVER
KITCHEN OUTLET		1200					1	20	39	40	20	1							GAS SOLENOID VALVE
CASH REGISTER			1200				1	20	41	42	20	1							SPARE
	8930	9410	9996													10220	7200	8376	
TOTAL WATTS=	54132			ΦA=	19150						ΦB=	16610						ΦC=	18372
AMPS=	150.3					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

PANEL "LA4"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: 150A | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
A131 CIRC PUMP	500						1	20	1	2	20	1	3			540			A108
A131 WH BLOWER		600					1	20	3	4	20	1	3				540		A108
A132 EMS PANEL			860	2		1	1	20	5	6	20	1	3					540	A108
A133 SAPPHIRE CONTROL	500						1	20	7	8	20	1	1			912			EDF
A133 FIRE ALARM CIRCUIT CONTROL		500					1	20	9	10	20	1	4				720		A110,111,112,EXT
A133 MPOE			360	2			1	20	11	12	20	1						700	PROJECTOR
A133 PA RACK	1660						1	20	13	14	20	1	3			540			A109
A133 BLONDER RACK		100					1	20	15	16	20	1	3				540		A109
A133 SECURITY PANEL			100				1	20	17	18	20	1						1920	A109 SOUND
A120	720			4			1	25	19	20	20	1				1920			A109 SOUND
A120		540		3			1	25	21	22	20	1					1920		A109 SOUND
A120 COUNTER			180	1					23	24	25	2						2050	EWH-1
A120 MICROWAVE	1200								25	26	----	----				2050			----------
A120 MICROWAVE		1200							27	28	20	1	3				540		A116, A117
A120 GD-2			1656						29	30	20	1	3					540	A115, A116
A120 DISHWASHER	1920								31	32	20	1	4			720			A114
A120 REFRIGERATOR		1200							33	34	20	1	4				720		A114
A120 ICEMAKER			1164						35	36	20	1						50	VAV
A120 VENDING	1920								37	38	20	1				1920			A109 SOUND
A120 VENDING		1920							39	40	20	1					184		CIRC PUMPS
A125			720	4					41	42	20	1							SPARE
	8420	6060	5040													8602	5164	5800	
TOTAL WATTS=	39086			ΦA=	17022						ΦB=	11224						ΦC=	10840
AMPS=	108.5					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

✱PROVIDE RED BREAKER W/LOCK ON DEVICE

PANEL "LA5"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: 150A | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
A150 VAV	50						1	20	1	2	20	1	4			720			A105 FLOOR
A150, EXTERIOR		540		3			1	20	3	4	20	1	2				360		A105 DESK
A151			900	5			1	20	5	6	20	1	2					360	A105 DESK
A149 FLOOR	720			4			1	20	7	8	20	1	2			360			A105 DESK
A149 PROJECTOR		700					1	20	9	10	20	1	4				720		A106
A149 DESK			360	2			1	20	11	12	20	1	4					720	A107
A149 DESK	360			2			1	20	13	14	25	2				2050			EWH-1
A149 DESK		360		2			1	20	15	16	----	----					2050		----------
A149 COUNTER			360	2			1	20	17	18	20	1						50	A106 VAV
A149 TABLES	720			4			1	20	19	20	20	1				700			A105 PROJECTOR
A100, A148		540		3			1	20	21	22	20	1					1656		EF-A1-A1
A101			360	2			1	20	23	24	20	1						1656	EF-A1-A2
A100 TROPHY CASE	100						1	20	25	26	20	1				1656			EF-A1-B1
A103 HAND DRYER		1500					1	20	27	28	20	1					1656		EF-A1-B2
A103 HAND DRYER			1500				1	20	29	30	20	1						1656	EF-A1-C1
A102, A103, A104	540			3			1	20	31	32	20	1				1656			EF-A1-C2
A104 HAND DRYER		1500					1	20	33	34	20	1					1656		EF-A1-D1
A104 HAND DRYER			1500				1	20	35	36	20	1						1656	EF-A1-D2
A101 TROPHY CASE	100						1	20	37	38	20	1	4			720			A105
A102 EDF		522					1	20	39	40	20	1	4				720		A105
SCOREBOARD			1000				1	20	41	42	20	1							SPARE
	2590	5662	5980													7862	8818	6098	
TOTAL WATTS=	37010			ΦA=	10452						ΦB=	14480						ΦC=	12078
AMPS=	102.7					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

PANEL "LA6"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: 150A | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
ROOF	540			3			1	20	1	2	20	1			1	360			EF-A6
ROOF		360	-	2			1	20	3	4	20	1					864		KEF-A1
ROOF			720	4			1	20	5	6	20	1						1500	H-A1
ROOF	540			3			1	20	7	8	20	1				1500			H-A2
ROOF		540		3			1	20	9	10	20	1					1500		H-A3
SIGN			1500				1	20	11	12	20	1						1500	H-A4
SIGN	1500						1	20	13	14	20	1				500			HOOD CONTROL
SMOKE FIRE DAMPER		100				1	1	20	15	16	20	1					500		ANSUL CONTROL
SMOKE FIRE DAMPER			400			4	1	20	17	18	20	1							EMS PANEL
SMOKE FIRE DAMPER	800					8	1	20	19	20	20	1							H-A1 LIGHT
SPARE						1	1	20	21	22	20	1							H-A2 LIGHT
SPARE						4	1	20	23	24	20	1							H-A3 LIGHT
SPARE						8	1	20	25	26	20	1							H-A4 LIGHT
SPARE							1	20	27	28	20	1							SPARE
SPARE							1	20	29	30	20	1							SPARE
SPARE							1	20	31	32	20	1							SPARE
SPARE							1	20	33	34	20	1							SPARE
SPARE							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
	3380	1000	2620													2360	2864	3000	
TOTAL WATTS=	15224			ΦA=	5740						ΦB=	3864						ΦC=	5620
AMPS=	42.26					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

Item #29: Refer to Electrical Drawing E-010. ADD PANEL LB2 on panel schedule "LA6" on sheet E-010 in its entirety with attached drawing SKE-2.

PANEL "LB1"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: 200A | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
B100, EXTERIOR	540			3			1	20	1	2	20	1				500			B118 SECURITY
B100		540		3			1	20	3	4	20	1					500		B118 IDF
B101 FLOOR			360	2			1	20	5	6	20	1	2					360	B119, B120
B101 FLOOR	360			2			1	20	7	8	25	2				2250			B119 EWH-2
B101 FLOOR		360		2			1	20	9	10	----	----					2250		----------
B101			540	3			1	20	11	12	20	1						500	B119 TIME CLOCK, PUMP
B102	720			4			1	20	13	14	20	1	3			540			B121
B103		900		5			1	20	15	16	20	1					1500		B121 COPIER
B104			900	5			1	20	17	18	20	1	2					360	B122
B105	540			3			1	20	19	20	20	1	3			540			B122
B106		720		4			1	20	21	22	20	1	1				180		B122
B107, B108, B109, B124			900	5			1	20	23	24	20	1	1					180	B122
B110	900			5			1	20	25	26	20	1	1			180			B122
B111		900		5			1	20	27	28	20	1	1				180		B122
B112			900	5			1	20	29	30	20	1	3					540	B123
B113	900			5			1	20	31	32	20	1	3			540			B123
SPARE							1	20	33	34	20	1	2				360		B126
B114 REFRIGERATOR			1200				1	20	35	36	20	1						500	FIRE ALARM BOOSTER 'B'
B114, B115	540			3			1	20	37	38	100	3				6081			PANEL 'LB2'
B116, B117		360		2			1	20	39	40	----	----					5279		----------
B118 EMS			500				1	20	41	42	----	----						5290	----------
	4500	3780	5300													10631	10249	7730	
TOTAL WATTS=	42190			ΦA=	15131						ΦB=	14029						ΦC=	13030
AMPS=	117.1					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

✱PROVIDE RED BREAKER W/LOCK ON DEVICE

PANEL "LB2"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: MLO | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
FC-B11, CU-B11	1768					1	2	20	1	2	20	1				552			DRINKING FOUNTAIN
----------		1768				1	----	----	3	4	20	1					1200		B125 REFRIGERATOR
FC-B1,B2,B3,B4,B5,B6			822			1	----	----	5	6	20	1						1200	B125 MICROWAVE
----------	822					1	----	----	7	8	20	1				1656			B125 GD-2
BRANCH UNIT, FC-B7,B8		628				1	2	20	9	10	20	1	1				180		B125 COUNTER
----------			628			1	----	----	11	12	20	1	4					720	B125
FC-B9, B10	603					1	2	20	13	14	20	1	1			180			EMS COMPUTER
----------		603				1	----	----	15	16	20	1							SPARE
SIGN			1920				1	20	17	18	20	1							SPARE
DUCT DETECTORS	500						1	20	19	20	20	1							SPARE
FC RECEPTACLES		900		5			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
SPARE							1	20	31	32	20	1							SPARE
SPARE							1	20	33	34	20	1							SPARE
SPARE							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
	3693	3899	3370													2388	1380	1920	
TOTAL WATTS=	16650			ΦA=	6081						ΦB=	5279						ΦC=	5290
AMPS=	46.22					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

PANEL "LC1"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: 200A | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
RM C102	720			4			1	20	1	2	20	1	1			180			RM C111
RM C102		360		2			1	20	3	✱ 4	20	1					500		FIRE ALARM
RM C102			720	4			1	20	5	6	20	1							SPARE
RM C102	900			5			1	20	7	8	20	1	1			180			RM C111
RM C103		360		2			1	20	9	10	20	1					460		CIRC PUMPS
RM C103			720	4			1	20	11	12	20	1							SPARE
RM C103	900			5			1	20	13	14	20	1							SPARE
RM C103		720		4			1	20	15	16	20	2			5		988		FAN COILS
RM C106			720	4			1	20	17	18	---	---			5			988	----------
RM C106	900			5			1	20	19	20	20	1				500			EMS MECHANICAL
RM C106		720		4			1	20	21	22	20	1					500		LUTRON NODE SWITCH
RM C106			360	2			1	20	23	24	20	1							SPARE
RM C107	900			5			1	20	25	26	20	1							SPARE
RM C107		720		4			1	20	27	28	20	1							SPARE
RM C107			360	2			1	20	29	30	20	1							SPARE
RM C107	720			4			1	20	31	32	20	1				180			EXTERIOR
RM 109		540		3			1	20	33	34	20	2					1352		CU-C12 + FC-C12
RM109			540	3			1	20	35	36	---	---						1352	----------
PANEL 'LJ1'	5514						3	100	37	38	100	3				6180			PANEL LC2
----------		7660					---	---	39	40	---	---					6260		----------
----------			10040				---	---	41	42	---	---						6260	----------
	10554	11080	13460													7220	10060	8600	
TOTAL WATTS=	60974			ΦA=	17774						ΦB=	21140						ΦC=	22060
AMPS=	169.2					MINIMUM BKR A.I.C. RATING= 10,000 AMPS SYM													

✱PROVIDE RED BREAKER W/LOCK ON DEVICE

PANEL "LC2"

SERVICE: 120/208V 3Φ 4W | MAIN BKR.: 100A | BUS: 225A | LOC.: SEE PLAN
SQUARE D 'NQOD' PANELBOARD | MTG.: FLUSH

REMARKS	LOAD ΦA	LOAD ΦB	LOAD ΦC	REC	LTG	MISC	POLE	TRIP	CIRC	CIRC	TRIP	POLE	REC	LTG	MISC	LOAD ΦA	LOAD ΦB	LOAD ΦC	REMARKS
RM C100	720			4			1	20	1	2	20	1				500			IDF
RM C100		360		2			1	20	3	4	20	2			5		988		FAN COILS
RM C100			720	4			1	20	5	6	----	----			5			988	----------
RM C100	900			5			1	20	7	8	20	1				460			CIRC PUMPS
RM C101		360		2	