

#	DATE	REVISION

VOLTAGE: 480Y/277 3Ø
MOUNTING: SURFACE ENCLOSURE: NEMA1 MAIN: 225 A
PANEL: 1HA
MAIN TYPE: MLO PHASE: 3 WIRE: 4
FED FROM: HSB
MFR: SQUARE D TYPE: NEM-B AIC: FIELD VERIFY

LOAD SERVED	Wire Size	TRIP	CTK NO	POLE S	A (LOAD KVA)	B (LOAD KVA)	C (LOAD KVA)	POLE S	CTK NO	TRIP	Wire Size	LOAD SERVED
LIGHTS TEAM RM 1113B	12	20 A	1	1	0.8	1.8		1	2	20 A	12	LIGHTS LOBBY E1100
E LIGHTS	E	20 A	3	1		4.0	0.0	1	4	20 A		
E LIGHTS	E	20 A	5	1			4.0	0.0	1	8	20 A	SPARE
SPARE	--	20 A	7	1	0.0	0.0			1	8	20 A	SPARE
SPARE	--	20 A	9	1		0.0	0.0		1	10	20 A	SPARE
SPARE	--	20 A	11	1			0.0	0.0	1	12	20 A	SPARE
SPARE	--	20 A	13	1	0.0	0.0			1	14	20 A	SPARE
SPARE	--	20 A	15	1			0.0	0.0	1	18	20 A	SPARE
SPARE	--	20 A	17	1			0.0	1.0	1	18	20 A	LIGHTS OFFICE 1104B
LIGHTS OPEN SEATING E1100	12	20 A	19	1	3.0	4.0			1	20	20 A	E LIGHTS
SPARE	--	20 A	21	1		0.0	4.0		1	22	20 A	E UNIT HEATER
SPARE	--	20 A	23	1			0.0	0.0	1	24	20 A	SPARE
SPARE	--	20 A	25	1	0.0	0.0			1	28	20 A	SPARE
SPARE	--	20 A	27	1			0.0	0.0		28	--	SPACE ONLY
SPACE ONLY	--	29	--	--			0.0	0.0	--	30	--	SPACE ONLY
SPACE ONLY	--	31	--	--	0.0	0.0			--	32	--	SPACE ONLY
SPACE ONLY	--	33	--	--			0.0	0.0		34	--	SPACE ONLY
SPACE ONLY	--	35	--	--			0.0	0.0		38	--	SPACE ONLY
SPACE ONLY	--	37	--	--	0.0	0.0			--	38	--	SPACE ONLY
SPACE ONLY	--	39	--	--			0.0	0.0		40	--	SPACE ONLY
SPACE ONLY	--	41	--	--			0.0	0.0		42	--	SPACE ONLY

LOAD Connected Load Demand Factor Estimated Demand NOTES:
 LIGHTS 18 kVA 125.00% 23 kVA 1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
 HEATING 4 kVA 100.00% 4 kVA 2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
 COOLING 0 kVA 0.00% 0 kVA 3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
 VENTILATION 0 kVA 0.00% 0 kVA 4. BOLD INDICATES NEW LOADS.
 MOTORS 0 kVA 0.00% 0 kVA 5. 'E' INDICATES EXISTING.
 KITCHEN 0 kVA 0.00% 0 kVA 6. PROVIDE NEW TYPEWRITTEN PANELBOARD SCHEDULE.
 RECEPTACLES 0 kVA 0.00% 0 kVA
 WATER HEATER 0 kVA 0.00% 0 kVA
 MISC. 0 kVA 0.00% 0 kVA
 Spare 0 kVA 0.00% 0 kVA

TOTAL KVA (CONNECTED): 22.2 kVA TOTAL PER PHASE: (CONNECTED)
 TOTAL KVA (DEMAND): 26.7 kVA 34.9 A 30.9 A 17.9 A
 TOTAL AMP (CONNECTED): 27 A
 TOTAL AMP (DEMAND): 32 A

VOLTAGE: 208Y/120 3Ø
MOUNTING: SURFACE ENCLOSURE: NEMA1 MAIN: 225 A
PANEL: 1PA
MAIN TYPE: MLO PHASE: 3 WIRE: 4
FED FROM: 120/208 BUSDUCT
MFR: SQUARE D TYPE: NEM-B AIC: KAIC

LOAD SERVED	Wire Size	TRIP	CTK NO	POLE S	A (LOAD KVA)	B (LOAD KVA)	C (LOAD KVA)	POLE S	CTK NO	TRIP	Wire Size	LOAD SERVED
E COOPER	E	20 A	1	1	1.8	1.8		1	20 A	1	20 A	E REC
E REC LOBBY	E	20 A	3	1		1.8	1.8		1	20 A	1	E REC
REC 1102	10	20 A	5	1			0.0		1	20 A	10	E REC
REC 1102	12	20 A	7	1	0.7	1.3			1	20 A	12	REC 1102 1113 ALT. 1
SAT HEAD END (NOTE 7)	12	20 A	9	1			0.4		1	20 A	12	REC TEAM 1113 ALT. 1
SAT HEAD END (NOTE 7)	12	20 A	11	1			1.5	1.8	1	20 A	12	E REC
REC E1100	12	20 A	13	1	0.4	1.0			1	20 A	12	E REC
EH-3, EH-4 ALT 3	12	20 A	15	1			1.8		1	20 A	12	E REC
REC 1104B	10	20 A	17	1			0.9		1	20 A	10	REC E1100
REC E1100B	12	20 A	19	1			1.8		1	20 A	12	E REC
REC 1102	10	20 A	21	1			1.0	0.7	1	22	20 A	REC 1102
EH-5 ALT 3	10	20 A	1	1			1.5	1.1	1	24	20 A	REC 1102
REC 1110 ALT 1	E	20 A	21	1	0.9	3.0			1	28	20 A	REC 1102A
E EXT LIGHTS	E	20 A	23	1			1.8		1	28	20 A	E REC
E EXT LIGHTS	E	20 A	29	1			1.8	0.7	1	30	20 A	REC 1104A
E HVAC VAV	E	20 A	31	1			1.8		1	32	20 A	E REC
LIGHTING CONTROL PANEL	12	20 A	33	1			0.0	0.0	1	34	20 A	SPARE
SPARE	--	20 A	35	1			0.0	0.2	1	38	20 A	REC 1104A
E REC	E	20 A	37	1	1.8	1.8			1	38	20 A	E REC
REC 1104A	10	20 A	39	1			0.2	1.8	1	40	20 A	E REC
REC 1104A	10	20 A	41	1			1.1	0.9	1	42	20 A	EH-1, EH-2 ALT 3

LOAD Connected Load Demand Factor Estimated Demand NOTES:
 LIGHTS 45 kVA 125.00% 56 kVA 1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
 HEATING 3 kVA 100.00% 3 kVA 2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
 COOLING 0 kVA 0.00% 0 kVA 3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
 VENTILATION 0 kVA 0.00% 0 kVA 4. BOLD INDICATES NEW LOADS.
 MOTORS 0 kVA 0.00% 0 kVA 5. 'E' INDICATES EXISTING.
 KITCHEN 0 kVA 0.00% 0 kVA 6. PROVIDE NEW TYPEWRITTEN PANELBOARD SCHEDULE.
 RECEPTACLES 0 kVA 0.00% 0 kVA 7. PROVIDE LOCK-ON CIRCUIT BREAKER.
 WATER HEATER 0 kVA 0.00% 0 kVA
 MISC. 1 kVA 100.00% 1 kVA
 Spare 0 kVA 0.00% 0 kVA

TOTAL KVA (CONNECTED): 48.9 kVA TOTAL PER PHASE: (CONNECTED)
 TOTAL KVA (DEMAND): 55.4 kVA 160.4 A 136.2 A 120.0 A
 TOTAL AMP (CONNECTED): 135 A
 TOTAL AMP (DEMAND): 99 A

VOLTAGE: 208Y/120 3Ø
MOUNTING: SURFACE ENCLOSURE: NEMA1 MAIN: 225 A
PANEL: 1CA
MAIN TYPE: MLO PHASE: 3 WIRE: 4
FED FROM: 120/208 BUSDUCT
MFR: SQUARE D TYPE: NEM-B AIC: KAIC

LOAD SERVED	Wire Size	TRIP	CTK NO	POLE S	A (LOAD KVA)	B (LOAD KVA)	C (LOAD KVA)	POLE S	CTK NO	TRIP	Wire Size	LOAD SERVED
REFRIGERATED CASE A1	2-#12	20 A	1	1	2.2	1.9			1	2	20 A	POS SYSTEM A3
POS SYSTEM A3.1	2-#12	20 A	3	1		1.9	0.2		1	4	20 A	2-#12... UIC REFRIGERATOR A6
POS PRINTER A3.2	2-#12	20 A	5	1			1.9	2.5	2	5	30 A	3-#10... ESPRESSO MACHINE A8
ESPRESSO MACHINE A8	#10	30 A	7	2	2.5	2.5			2	8	30 A	
ESPRESSO MACHINE A8	#10	30 A	9	2	2.5	1.9			1	10	20 A	12 POS SYSTEM A3.2
COFFEE BREWER A21	3-#8	40 A	11	2	2.7	3.1			2	12	40 A	3-#8... MICROWAVE CONVECTION OVEN A23
UIC REFRIGERATOR A22	2-#12	20 A	15	1			0.4	3.1	1	16	40 A	#8 MICROWAVE CONVECTION OVEN A23
POS PRINTER A28	2-#12	20 A	17	1			1.9	3.1	2	16	40 A	#8 MICROWAVE CONVECTION OVEN A23
REFRIGERATED PREP TABLE A24	2-#12	20 A	19	1	0.8	0.7			1	20	20 A	#12 REC 1106A
REFRIGERATED CASE A2	2-#12	20 A	21	1			1.9	2.0	1	22	20 A	2-#12... ICE MAKER A31
UIC DISHWASHER A44	3-#8	40 A	23	2			2.6	0.2	1	24	20 A	#12 UIC REFRIGERATOR A33
UIC DISHWASHER A44	#10	30 A	25	2	2.6	0.8			1	26	20 A	2-#12... REACH-IN REFRIGERATOR A35
REACH-IN REFRIGERATOR A35	2-#12	20 A	27	1			0.7	0.4	1	28	20 A	#12 REC 1106
REC 1108	#12	20 A	29	1			0.2	0.4	1	30	20 A	#12 REC 1111
REC 1111	#12	20 A	31	1	0.5	0.0			1	32	20 A	SPARE
REC ORDERING STATION	#12	20 A	33	1			0.4	0.0	1	34	20 A	SPARE
RF-1	#10	20 A	35	1			0.4	0.0	1	30 A		SPARE
REC CAFE 1106A	#10	20 A	37	1	0.4	0.0			1	40	20 A	SPARE
SPACE ONLY	--	39	--	--			0.0	0.0	1	40	--	SPACE ONLY
SPACE ONLY	--	41	--	--			0.0	0.0	1	42	--	SPACE ONLY
SPACE ONLY	--	43	--	--	0.0	0.0			--	43	--	SPACE ONLY
SPACE ONLY	--	45	--	--			0.0	0.0	--	45	--	SPACE ONLY
SPACE ONLY	--	47	--	--			0.0	0.0	--	45	20 A	SPACE ONLY
SPACE ONLY	--	49	--	--	0.0	0.0			--	50	20 A	SPACE ONLY
SPACE ONLY	--	51	--	--			0.0	0.0	--	52	20 A	SPACE ONLY
SPACE ONLY	--	53	--	--			0.0	0.0	1	54	20 A	SPACE ONLY

LOAD Connected Load Demand Factor Estimated Demand NOTES:
 LIGHTS 0 kVA 0.00% 0 kVA 1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
 HEATING 0 kVA 0.00% 0 kVA 2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
 COOLING 11 kVA 100.00% 11 kVA 3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
 VENTILATION 0 kVA 0.00% 0 kVA 4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
 MOTORS 0 kVA 0.00% 0 kVA 5. PROVIDE HINGED DOOR-INDOOR WITH OUTER DOOR LOCK.
 KITCHEN 34 kVA 85.00% 22 kVA 6. PROVIDE METAL DIRECTORY FRAME.
 RECEPTACLES 10 kVA 97.71% 10 kVA
 WATER HEATER 0 kVA 0.00% 0 kVA
 MISC. 0 kVA 0.00% 0 kVA
 Spare 0 kVA 0.00% 0 kVA

TOTAL KVA (CONNECTED): 54.8 kVA TOTAL PER PHASE: (CONNECTED)
 TOTAL KVA (DEMAND): 43.6 kVA 177.2 A 127.2 A 162.3 A
 TOTAL AMP (CONNECTED): 152 A
 TOTAL AMP (DEMAND): 119 A

VOLTAGE: 480Y/277 3Ø
MOUNTING: SURFACE ENCLOSURE: NEMA1 MAIN: 100 A
PANEL: 1HE
MAIN TYPE: MLO PHASE: 3 WIRE: 4
FED FROM: MFR: SQUARE D TYPE: NEM-B AIC: FIELD VERIFY

LOAD SERVED	Wire Size	TRIP	CTK NO	POLE S	A (LOAD KVA)	B (LOAD KVA)	C (LOAD KVA)	POLE S	CTK NO	TRIP	Wire Size	LOAD SERVED
LIGHTS LOBBY E1100	12	20 A	1	1	1.1	4.0			1	2	20 A	E LIGHTS
E LIGHTS	E	20 A	3	1		4.0	4.0		1	4	20 A	E LIGHTS
E LIGHTS	E	20 A	5	1			4.0	4.0	1	6	20 A	E LIGHTS
E LIGHTS	E	20 A	7	1	4.0	4.0			1	8	20 A	E LIGHTS
E LIGHTS	E	20 A	9	1			4.0	4.0	1	10	20 A	E LIGHTS
E LIGHTS	E	20 A	11	1			4.0	4.0	1	12	20 A	E LIGHTS
SPACE ONLY	--	13	--	--	0.0	0.0			--	14	--	SPACE ONLY
SPACE ONLY	--	15	--	--			0.0	0.0	--	16	--	SPACE ONLY
SPACE ONLY	--	17	--	--			0.0	0.0	--	18	--	SPACE ONLY
SPACE ONLY	--	19	--	--	0.0	0.0			--	20	--	SPACE ONLY
SPACE ONLY	--	21	--	--			0.0	0.0	--	22	--	SPACE ONLY
SPACE ONLY	--	23	--	--			0.0	0.0	--	24	--	SPACE ONLY
SPACE ONLY	--	25	--	--	0.0	0.0			--	26	--	SPACE ONLY
SPACE ONLY	--	27	--	--			0.0	0.0	--	28	--	SPACE ONLY
SPACE ONLY	--	29	--	--			0.0	0.0	--	30	--	SPACE ONLY

LOAD Connected Load Demand Factor Estimated Demand NOTES:
 LIGHTS 45 kVA 125.00% 56 kVA 1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.<