PANEL NAME: LP

SUPPLY FROM: TLP | MAINS RATING (A): 150 | FAULT CURRENT (A): 6389 | SURGE SUPRESSION:
LOCATION: RX STORAGE 151 | MAINS TYPE: THERMAL MAGNETIC | SHORT CIRCUIT RATING...: 10000 | ULSE:
DISTRIBUTION SYSTEM: 208/120V 3PH 4W | FEEDER ID: T150-4AI | LUGS TYPE: | 200% NEUTRAL:
FEEDER: (4) #3/0 AWG AL, (2) #1/0 AWG AL GND. IN 3" CONDUIT | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND: Yes

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	RPC EASYPILL I NON-CONTINUOUS	3.358	#12	#12	20 A	1	0.32	0.41					1	20 A	#12	#12	3.213	RIS IMAGE SCANNER RPC EASYPILL RTP THERMAL...	2
3	RPC EASYPILL RTP THERMAL PRINTER I...	3.242	#12	#12	20 A	1			0.37	1.38			1	20 A	#12	#12	4.561	(G) E6 FAX R50 COMPOUNDING SCALE RIS IMAGE...	4
5	RPC EASYPILL RTP THERMAL PRINTER I...	3.315	#12	#12	20 A	1					0.37	0.52	1	20 A	#12	#12	3.313	R50B PRESCRIPTION VALIDATION RPC EASYPILL RT...	6
7	E38TP THERMAL PRINTER E38TS GE38 REGISTER...	4.055	#12	#12	20 A	1	1.21	1.46					1	20 A	*#10	*#10	4.157	E38TP THERMAL PRINTER E38TS GE156 GE38...	8
9	R16 LASER PRINTER I NON-CONTINUOUS PHARMAC...	4.304	#12	#12	20 A	1			1.80	1.68			1	20 A	#12	#12	3.33	(G) GE186 MIRCOWAVE I RX STORAGE 146	10
11	E38TP THERMAL PRINTER E38TS GE38 REGISTER...	4.261	#12	#12	20 A	1					1.21	1.46	1	20 A	*#10	*#10	4.157	E38TP THERMAL PRINTER E38TS GE156 GE38...	12
13	R11 TRANSACTION DRAWER RPP TERMINAL PAD I...	4.191	#10	#10	25 A	1	2.04	1.80					1	20 A	*#10	*#10	4.197	(G) RBU REFRIGERATOR I RECEPTACLE	14
15	(G) RBU REFRIGERATOR I RECEPTACLE PHARMACY...	4.141	*#10	*#10	20 A	1			1.80	1.80			1	20 A	#12	#12	3.964	(G) RBR REFRIGERATOR I NON-CONTINUOUS...	16
17	R16 LASER PRINTER I NON-CONTINUOUS PHARMAC...	4.662	#12	#12	20 A	1					1.80	1.80	1	20 A	#12	#12	4.644	(G) RBU REFRIGERATOR I RECEPTACLE PHARMACY...	18
19	(G) RBF FREEZER I NON-CONTINUOUS PHARMACY...	4.862	#12	#12	20 A	1	1.80	1.20					1	20 A	*#10	*#10	4.697	DR96BPE AUTO DOOR DR96BPI AUTO DOOR I...	20
21	DR102BC BASCART DOOR I NON-CONTINUOUS CAR...	3.993	#12	#12	20 A	1			0.81	1.80			2	25 A	#10	#10	3.419	R41 PLUGMOLD I RECEPTACLE PHARMACY 145	22
23	(G) RBS REFRIGERATOR I RECEPTACLE PHARMACY...	4.113	#12	#12	20 A	1					1.80	1.80							24
25	R41 PLUGMOLD I RECEPTACLE PHARMACY 145	3.913	#10	#10	25 A	2	1.80	1.80					2	25 A	#10	#10	3.808	(G) R41 PLUGMOLD I RECEPTACLE PHARMACY 145	26
27									1.80	1.80									28
29	R41 PLUGMOLD I RECEPTACLE PHARMACY 145	3.351	#12	#12	20 A	2					0.90	1.20	1	20 A	*#8	*#8	4.242	E18V ATM I NON-CONTINUOUS SALES 156	30
31							0.90	1.80					1	20 A	*#6	*#6	4.326	GE2 LOTTERY I NON-CONTINUOUS CUSTOMER...	32
33	(GE) GE41 PLUGMOLD I RECEPTACLE ACCT. 154	4.83	#12	#12	20 A	2			1.00	1.44			1	20 A	*#6	*#6	4.388	ACLR4C-T SELF CHECKOUT ACRL4C-T SELF...	34
35											1.00	0.18	1	20 A	#12	#12	3.023	RECEPTACLE RX STORAGE 146	36
37	(G) R37 REFRIGERATOR I NON-CONTINUOUS	3.026	#12	#12	20 A	1	0.20	0.72					1	20 A	*#4	*#4	4.282	(L) PREMISE ALARM I RECEPTACLE ROOM 156, 319,...	38
39	R83 PILL COUNTER I NON-CONTINUOUS PHARMACY...	3.625	#12	#12	20 A	1			1.80	1.46			1	20 A	*#10	*#10	4.157	E38TP THERMAL PRINTER E38TS GE156 GE38...	40
41																			42
						TOTAL CONNECTED LOAD:	17.4 kVA		20.7 kVA		14.0 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Kitchen Equipment	1680 VA	100.00%	1680 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(19) 20A / 1P, (9) 20A / 1P (G), (1) 20A / 1P (L), (1) 20A / 2P, (1) 20A / 2P (GE), (1) 25A / 1P, (2) 25A / 2P, (1) 25A / 2P (G)
Non-Continuous	27778 VA	100.00%	27778 VA		
Receptacle	22768 VA	71.96%	16384 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 52.2 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: 45.8 kVA
TOTAL DEMAND AMPS: **127 A**

PANEL NAME: LL

SUPPLY FROM: LK | MAINS RATING (A): 600 | FAULT CURRENT (A): 11241 | SURGE SUPRESSION:
LOCATION: HALL 'A' 126 | MAINS TYPE: MAIN LUGS ONLY | SHORT CIRCUIT RATING...: 22000 | ULSE:
DISTRIBUTION SYSTEM: 208/120V 3PH 4W | FEEDER ID: 600-4A | LUGS TYPE: FEED-THROUGH | 200% NEUTRAL:
FEEDER: (2) SETS OF (4) #500 KCMIL AL, (1) #2/0 AWG AL GND. IN 4" CONDUIT EACH | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND:

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	D299TV-48 TV I DELI SERVICE 'A' 116	4.288	*#8	*#8	20 A	1	1.08	1.60					1	20 A	*#6	*#6	4.252	T4S CONV. OUTLET T6S CONV. OUTLET I DELI PREP...	2
3	T4S CONV. OUTLET T6S CONV. OUTLET	4.151	*#6	*#6	20 A	1			1.60	1.36			1	20 A	*#8	*#8	4.77	E102 THINCLIENT GE11C COMPUTER T4S CONV....	4
5	D174SC6 PIZZA TABLE GE1S FLY ZAPPER	4.532	*#10	*#10	20 A	1					0.99	0.83	1	20 A	#12	#12	4.731	GE1H FLY ZAPPER T4S CONV. OUTLET I SUSHI PRE...	6
7	D26 SLICER GE1H FLY ZAPPER T3S CONV. OUTLET I...	4.546	#12	#12	20 A	1	1.33	1.10					1	20 A	#12	#12	3.938	D25S SLICER T4S CONV. OUTLET	8
9	D26 SLICER T4S CONV. OUTLET I DELI PREP 'B' 119	3.871	#12	#12	20 A	1			1.30	1.20			1	20 A	#12	#12	3.727	(GE) DOOR WARMER	10
11	D23T SCALE/UPC P31T SCALER/UPC T3S CONV....	4.056	*#10	*#10	20 A	1					1.78	1.44	1	20 A	*#8	*#8	4.839	B153-I ARTISAN BREAD B154-I BAGUETTE DISPLAY...	12
13	D26 SLICER	4.403	*#10	*#10	20 A	1	1.01	1.01					1	20 A	*#10	*#10	4.239	D26 SLICER	14
15	B99CD CAKE MACHINE T6S CONV. OUTLET I BAKER...	4.568	*#8	*#8	20 A	1			1.83	1.75			1	20 A	*#8	*#8	4.468	D36 MCROWAVE OVEN I BAKERY PREP 122	16
17	(GE) DOOR WARMER B100 AIR BRUSH GE1H FLY...	4.275	*#10	*#10	20 A	1					0.93	2.00	1	25 A	*#6	*#6	4.377	D115E WRAPPER I CHEESE SHOP 121	18
19	D115M WRAPPER I CHEESE SHOP 121	4.164	*#10	*#10	20 A	1	0.73	1.02					1	20 A	*#10	*#10	4.703	D182 CHEESE SHREDDER I CHEESE SHOP 121	20
21	(G) T6SC REFRIGERATOR I CHEESE SHOP 121	4.335	*#8	*#8	20 A	1			1.27	2.07			1	25 A	*#6	*#6	4.346	(G) T6SC REFRIGERATOR T6S CONV. OUTLET I...	22
23	B55C BREAD SLICER GE1S FLY ZAPPER I BAKERY...	4.461	*#10	*#10	20 A	1					0.86	0.91	1	20 A	#12	#12	4.795	DGD12HE DELI CASE I SALES 156	24
25	T3S CONV. OUTLET T8S CONV. OUTLET I PRODUCE...	3.922	#12	#12	20 A	1	1.60	0.67					1	20 A	*#10	*#10	4.096	EF-K2	26
27	P21E WRAPPER I PRODUCE PREP 126	3.391	#10	#10	25 A	1			2.00	0.84			2	20 A	*#10	*#10	4.507	CU-3	28
29												0.84							30
31								0.46					1	20 A	#12	#12	4.469	EF-R2	32
33	EF-EP	4.361	#12	#12	20 A	1			0.46	0.46			1	20 A	#12	#12	4.636	EF-R3	34
35		3.079	#12	#12	20 A	1					0.18								36
37																			38
39																			40
41																			42
43																			44
45																			46
47																			48
49																			50
51																			52
53																			54
						TOTAL CONNECTED LOAD:	11.6 kVA		16.1 kVA		10.8 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Kitchen Equipment	9160 VA	65.00%	5954 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(25) 20A / 1P, (1) 20A / 1P (G), (2) 20A / 1P (GE), (1) 20A / 2P, (2) 25A / 1P, (1) 25A / 1P (G)
Lighting	380 VA	125.00%	475 VA		
Motor	4253 VA	109.90%	4674 VA		
Non-Continuous	5766 VA	100.00%	5766 VA		
Receptacle	18924 VA	76.42%	14462 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 38.5 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: 31.3 kVA
TOTAL DEMAND AMPS: **87 A**

PANEL NAME: LK

SUPPLY FROM: LJ | MAINS RATING (A): 600 | FAULT CURRENT (A): 11296 | SURGE SUPRESSION:
LOCATION: HALL 'A' 126 | MAINS TYPE: MAIN LUGS ONLY | SHORT CIRCUIT RATING...: 22000 | ULSE:
DISTRIBUTION SYSTEM: 208/120V 3PH 4W | FEEDER ID: 600-4A | LUGS TYPE: FEED-THROUGH | 200% NEUTRAL:
FEEDER: (2) SETS OF (4) #500 KCMIL AL, (1) #2/0 AWG AL GND. IN 4" CONDUIT EACH | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND:

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	DMSC6SS SELF CONTAINED CASE I SALES 156	3.479	#10	#10	25 A	2	1.68	1.20					1	20 A	*#10	*#10	4.884	DR36CL	2
3									1.68	1.20			1	20 A	*#10	*#10	4.191	DR48CL FREEZER DOOR I DELI PREP 'A' 113	4
5	BMDL4HP BAKERY CASE I SALES 156	4.32	*#10	*#10	20 A	1					0.76	1.44	2	20 A	*#10	*#10	4.614	D195-3 HOT HOLDING CABINET I DELI SERVICE 'A' 116	6
7	D195-4 HOT HOLDING CABINET I DELI PREP 'A' 113	4.838	*#10	*#10	20 A	2	1.44	1.44											8
9									1.44	1.39			2	20 A	*#10	*#10	4.733	D262SC13 CHILLER I DELI PREP 'A' 113	10
11	DHFMD6H MULTI DECK HOT CASE I DELI SERVICE 'A' 116	4.416	*#6	*#8	35 A	2					2.81	1.39							12
13							2.81	1.15					1	20 A	*#10	*#10	4.44	D77B RICE COOKER	14
15	D77B RICE COOKER	4.508	*#10	*#10	20 A	1			1.15	1.27			1	20 A	*#10	*#10	4.661	(G) T6SC REFRIGERATOR I SUSHI PREP 117	16
17	D41 PLUGMOLD I DELI SERVICE 'A' 116	4.247	*#6	*#6	30 A	2					2.40	5.73	3	60 A	#10	#4	3.624	(LT)(ST) D60DE DUAL RACK FRYER	18
19							2.40	5.73											20
21	(LT)(ST) D60DE DUAL RACK FRYER I KITCHEN EQUIPMENT	3.624	#4	#10	60 A	3			5.73	5.73									22
23											5.73	0.00	--	--	--	--	--	SHUNT TRIP	24
25							5.73	2.00					1	25 A	#10	#10	4.083	P21E WRAPPER I DELI PREP 'B' 119	26
27	SHUNT TRIP	--	--	--	--	--			0.00	1.68			2	25 A	#10	#10	3.599	DMSC6SS SELF CONTAINED CASE I SALES 156	28
29	DMSC6SS SELF CONTAINED CASE I SALES 156	3.428	#10	#10	25 A	2					1.68	1.68							30
31							1.68	1.68					2	25 A	#10	#10	3.545	DMSC6SS SELF CONTAINED CASE	32
33	DMSC6SS SELF CONTAINED CASE I SALES 156	3.742	#10	#10	25 A	2			1.68	1.68									34
35											1.68	1.68	2	25 A	#10	#10	4.083	DMSC6SS SELF CONTAINED CASE I SALES 156	36
37	DMDLI12HC-2 DELI ISLAND CASE I SALES 156	3.549	#12	#12	20 A	1	0.49	1.68											38
39	(REMOTE) 362W, 208V, 1PH, FOR PREWIRED ELECTRICAL LOAD PANEL FOR 18' SALAD BAR WITH...	2.91	#12	#12	20 A	2			0.18	0.70			1	20 A	#12	#12	4.499	DPSSUST10B-2 SUSHI PREP TRAY I SUSHI...	40
41											0.18	1.14	1	20 A	*#10	*#10	4.433	S5DFRN8HX SEAFOD CASE S[illegible]2HC-DSFM SEAFOO...	42
43	LFA230S COOLING COIL I NON-CONTINUOUS...	4.648	*#10	*#10	20 A	1	1.15	0.43					1	20 A	#12	#12	3.247	LFA120S COOLING COIL I NON-CONTINUOUS...	44
45	LFA190S COOLING COIL I NON-CONTINUOUS DELI...	3.223	#12	#12	20 A	1			0.58	0.46			1	20 A	#12	#12	[illegible]	LCA6185S COOLING COIL I NON-CONTINUOUS DELI...	46
47	M13	3.426	#12	#12	20 A	1					0.22	[illegible]	1	20 A	#12	#12	[illegible]	LIGHTING	48
49	M13	3.466	#12	#12	20 A	1	0.29												50
51	RECEPTACLE ROOM 156, 156	4.37	*#10	*#10	20 A	1			0.54	0.54			1	20 A	[illegible]	*#6	4.155	RECEPTACLE SALES [illegible]	52
53	(G) RECEPTACLE SALES 156	4.598	#12	#12	20 A	1					0.50								54
						TOTAL CONNECTED LOAD:	44.6 kVA		43.7 kVA		40.0 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Continuous	362 VA	125.00%	453 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(18) 20A / 1P, (2) 20A / 1P (G), (4) 20A / 2P, (1) 25A / 1P, (6) 25A / 2P, (1) 30A / 2P, (1) 35A / 2P, (2) 60A / 3P (LT) (ST)
Kitchen Equipment	60481 VA	65.00%	39313 VA		
Lighting	2729 VA	125.00%	3411 VA		
Motor	5280 VA	107.98%	5701 VA		
Non-Continuous	31188 VA	100.00%	31188 VA		
Receptacle	28271 VA	67.69%	19136 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 128.3 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: [illegible] kVA
TOTAL DEMAND AMPS: [illegible]

PANEL NAME: LJ

SUPPLY FROM: TJKL | MAINS RATING (A): 600 | FAULT CURRENT (A): 11355 | SURGE SUPRESSION:
LOCATION: HALL 'A' 126 | MAINS TYPE: THERMAL MAGNETIC | SHORT CIRCUIT RATING...: 22000 | ULSE:
DISTRIBUTION SYSTEM: 208/120V 3PH 4W | FEEDER ID: T600-4A | LUGS TYPE: FEED-THROUGH | 200% NEUTRAL:
FEEDER: (2) SETS OF (4) #500 KCMIL AL, (1) #1/0 AWG AL GND. IN 4" CONDUIT EACH | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND:

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	S115E WRAPPER I KITCHEN EQUIPMENT MEAT /...	4.206	*#6	*#6	25 A	1	2.00	6.00					1	70 A	*#2	*#1/0	4.804	G101 NCIM SAMPLING I RECEPTACLE ROOM 156, 156	2
3	S7 OVEN STEAMER I KITCHEN EQUIPMENT MEAT /...	4.303	*#6	*#6	25 A	1			2.16	0.53									4
5	M32 MEAT SLICER T8S CONV. OUTLET I MEAT PREP...	4.846	*#8	*#8	20 A	1					1.59	0.53	3	20 A	#12	#12	3.383	B109G OVEN I BAKERY PREP 122	6
7	B109G OVEN I BAKERY PREP 122	3.336	#12	#12	20 A	3	0.53	0.53											8
9									0.53	4.37			2	60 A	#10	#4	3.883	B124B-60 PROOFER I BAKERY PREP 122	10
11											0.53	4.37							12
13	DMSC6SS SELF CONTAINED CASE I MEAT / SEAFOOD SERVICE 129	4.842	#10	#10	25 A	2	1.68	1.90					1	20 A	*#10	*#10	4.813	(G) D204SC3 DELI STORAGE I BAKERY PREP 122	14
15									1.68	1.82			1	20 A	*#6	*#6	4.195	D195-2 HOT HOLDING CABINET D270SC1-2...	16
17	DCFMD8H MEDIUM TEMP CASE DMDLN6B DELI CAS...	4.786	#12	#12	20 A	1					0.73	0.72	1	20 A	*#10	*#10	4.179	B124B-60 PROOFER I KITCHEN EQUIPMENT SALES...	18
19	E37P LASER PRINTER GE102-2 I CHEESE SHOP 121	4.86	*#8	*#8	20 A	1	1.86	1.56											20
21	GE1S FLY ZAPPER S204SC2 I NON-CONTINUOUS...	4.611	*#8	*#8	20 A	1			1.80	1.56			3	20 A	#12	#12	4.861	S36TSC-8 ICE FLAKER I KITCHEN EQUIPMENT MEAT / SEAFOOD SERVICE 129	22
23	NON-CONTINUOUS MEAT / SEAFOOD SERVICE 129	4.859	*#10	*#10	20 A	1					1.20	1.56							24
25	T4D CONV. OUTLET T6D CONV. OUTLET I...	4.879	*#8	*#8	20 A	1	1.60	0.56					1	20 A	#12	#12	4.803	E102 THINCLIENT GE11C COMPUTER I...	26
27	MAPPM MONITOR MRAD RAD CHARGING I...	2.903	#12	#12	20 A	1			0.09	0.36			1	20 A	#12	#12	3.918	(G) T4SC-2 REFRIGERATOR I KITCHEN EQUIPMENT...	28
29	M10 MEAT SAW I KITCHEN EQUIPMENT MEAT PREP 131	3.889	#12	#12	20 A	3					0.71	2.00	1	25 A	*#6	*#6	4.461	MLR-BSALRBT LABELER I KITCHEN EQUIPMENT ME...	30
31							0.71	1.20					1	20 A	*#8	*#8	4.292	M14 WRAPPER I KITCHEN EQUIPMENT MEAT PREP...	32
33									0.71	1.00			2	20 A	#12	#12	4.044	S41 PLUGMOLD I RECEPTACLE MEAT / SEAFOOD SERVICE 129	34
35	DMSC6SS SELF CONTAINED CASE I MEAT / SEAFOOD SERVICE 129	4.723	#10	#10	25 A	2					1.68	1.00							36
37							1.68	6.24					2	80 A	#8	#3	4.576	MDFC5 MOBILE DEMO CART I SALES 156	38
39	DBBST8HC DELI BACK BAR I CHEESE SHOP 121	4.228	*#10	*#10	20 A	1			0.83	6.24									40
41	CH1D12HP CHEESE CASE CH1D90HP I CHEESE SHO...	4.069	#12	#12	20 A	1					0.41	0.22	1	20 A	#12	#12	3.068	ACM076S COOLING COIL I NON-CONTINUOUS...	42
43	LFAE120S COOLING COIL I NON-CONTINUOUS MEAT PREP 131	4.897	#10	#10	25 A	2	1.74	1.20					1	20 A	#12	#12	3.827	(GE) HEAT TRACE I NON-CONTINUOUS BAKERY...	44
45									1.74	1.20			1	20 A	#12	#12	3.799	(GE) HEAT TRACE I NON-CONTINUOUS BAKERY...	46
47	(GE) HEAT TRACE I NON-CONTINUOUS DELI FREEZE...	4.351	#12	#12	20 A	1					0.60	1.79	1	20 A	*#10	*#10	4.871	D204SC2 TABLE I NON-CONTINUOUS BAKERY PREP...	48
49	(GE) DOOR WARMER I NON-CONTINUOUS BAKERY...	2.954	#12	#12	20 A	1	0.60	0.60					1	20 A	#12	#12	4.41	(GE) DOOR WARMER I NON-CONTINUOUS DELI...	50
51	EF-G2	4.729	*#10	*#10	20 A	1			1.01	1.01			1	20 A	*#10	*#10	4.836	EF-G1	52
53	EF-S	3.377	#12	#12	20 A	1					0.23	1.06	1	30 A	#10	#10	4.319	EF-K1	54
						TOTAL CONNECTED LOAD:	76.8 kVA		72.4 kVA		60.9 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Continuous	2258 VA	125.00%	2823 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(18) 20A / 1P, (2) 20A / 1P (G), (5) 20A / 1P (GE), (1) 20A / 2P, (4) 20A / 3P, (3) 25A / 1P, (3) 25A / 2P, (1) 30A / 1P, (1) 60A / 2P, (1) 70A / 1P, (1) 80A / 2P
Kitchen Equipment	90005 VA	65.00%	58504 VA		
Lighting	3904 VA	125.00%	4880 VA		
Motor	9238 VA	104.56%	9659 VA		
Non-Continuous	65147 VA	100.00%	65147 VA		
Receptacle	39475 VA	62.67%	24738 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 210.0 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: 165.7 kVA
TOTAL DEMAND AMPS: **460 A**

PANEL NAME: LF2

SUPPLY FROM: LF1 | MAINS RATING (A): 400 | FAULT CURRENT (A): 9823 | SURGE SUPRESSION:
LOCATION: ELECTRICAL CLOSET 211 | MAINS TYPE: MAIN LUGS ONLY | SHORT CIRCUIT RATING...: 22000 | ULSE:
DISTRIBUTION SYSTEM: 208/120V 3PH 4W | FEEDER ID: 400-4A | LUGS TYPE: | 200% NEUTRAL:
FEEDER: (2) SETS OF (4) #250 KCMIL AL, (1) #1 AWG AL GND. IN 3" CONDUIT EACH | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND:

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	PMSC6HC BERRY CASE I SALES 156	4.442	*#4	*#4	25 A	2	1.76	1.76					2	25 A	*#4	*#4	4.475	PMSC6HC BERRY CASE I SALES 156	2
3									1.76	1.76									4
5	PMSC6HC BERRY CASE I SALES 156	4.408	*#4	*#4	25 A	2					1.76	1.80	1	20 A	*#4	*#4	4.735	PQ22SC I SALES 156	6
7							1.76	2.22					1	25 A	*#2	*#2	4.512	PQ24SC MOBILE CASE I SALES 156	8
9	DMSC6SS SELF CONTAINED CASE I SALES 156	4.468	*#6	*#6	25 A	2			1.68	2.10			2	30 A	#10	#10	4.805	(G)(LT) HAND DRYER I NON-CONTINUOUS CUSTOMER WOMEN 108	10
11											1.68	2.10							12
13	(L) PL24B-2 WATER COOLER I NON-CONTINUOUS	3.988	#12	#12	20 A	1	0.53	1.16					1	20 A	*#4	*#4	4.34	E38TP THERMAL PRINTER E38TS GE156 GE38...	14
15	(G) E19BE REDBOX GE1S FLY ZAPPER	4.311	*#4	*#4	20 A	1			1.30	1.33			1	20 A	*#4	*#4	4.312	[illegible]CE MERCHANDISER I NON-CONTINUOUS...	16
17	G80SC-60 ICE MERCHANDISER I NON-CONTINUOUS...	4.274	*#4	*#4	20 A	1					1.33	0.13	1	20 A	#12	#12	3.76	G80[illegible] MERCHANDISER I NON-CONTINUOUS...	18
19	G80SC-60 ICE MERCHANDISER I NON-CONTINUOUS...	3.738	#12	#12	20 A	1	0.13	0.60					1	20 A	*#10	[illegible]	4.365	(GE) DOO[illegible] I NON-CONTINUOUS FLORAL...	20
21	D275M EXPRESSO MACHINE I KITCHEN EQUIPMENT	4.368	*#6	*#8	40 A	2			3.10	1.37			1	20 A	[illegible]	[illegible]	4.236	E7B PRINTE[illegible]	22
23											3.10	1.20	1	[illegible]	*#8	[illegible]	[illegible]	E7MFD	24
25	(L) GE107 CARD READER	3.155	#12	#12	20 A	1	0.05	0.60					1	20 A	*#10	[illegible]	[illegible]	[illegible]E255 SHREDDER	26
27	OFFICE FLOORBOX I RECEPTACLE	4.231	*#6	*#6	20 A	1			1.08	1.80			1	20 A	*#8	*#8	[illegible]	[illegible]ELL PHONE CHARGING [illegible] TV I...	28
29	(G)(L) GE123 VENDING MACHINE	4.508	*#10	*#10	20 A	1					1.60	1.68	1	[illegible]	*#10	*#10	4.844	[illegible] MIRCOWAVE	30
31	(G) GE186 MIRCOWAVE	4.886	*#10	*#10	20 A	1	1.68	0.80					1	[illegible]	#12	#12	4.326	(G)(L) [illegible]RIG	32
33	(G)(LT) HAND DRYER I NON-CONTINUOUS	4.893	#12	#12	20 A	2			[illegible]	[illegible]			2	[illegible]	#12	#12	4.131	(GE) GE41 PL[illegible]D I RECEPTACLE	34
35											[illegible]	1.00							36
37	(G)(L) PL24B-2 WATER COOLER E120CP EMS PANEL ...	3.862	#12	#12	20 A	1	0.57	[illegible]					1	[illegible]	#12	#12	4.84	ESP1 SEWAGE EJECTOR PUMP I MOTOR ELEVATOR...	38
39	EF-R1	3.194	#4	#10	60 A	1			0.13	0.90			1	[illegible]	*#4	*#4	4.263	RECEPTACLE ROOM 161, 161	40
41	CU-2	4.031	#4	#10	60 A	2					1.12	1.20	1	[illegible]	*#6	*#6	4.372	LIGHTING	42
43							1.12	1.20					1	[illegible]	*#8	*#8	4.607	LIGHTING	44
45	LIGHTING	4.547	#12	#12	20 A	1			[illegible]	[illegible]			1	[illegible]	[illegible]	#12	3.929	RECEPTACLE ELEVATOR 300	46
47	RECEPTACLE	3.601	[illegible]	#12	20 A	1					[illegible]	0.18	1	20 A	[illegible]	#12	3.525	RECEPTACLE ELEVATOR 300	48
49	LIGHTING	[illegible]	[illegible]	*#6	20 A	1	0.48	1.62					1	20 A	*#6	*#6	4.229	RECEPTACLE	50
51	(GE) GE41 PLUGMOLD I RECEPTACLE	[illegible]	[illegible]	#12	20 A	[illegible]			1.00	0.36			1	20 A	*#8	*#8	4.463	D195-3 I RECEPTACLE	52
53											1.00								54
						TOTAL CONNECTED LOAD:	18.6 kVA		23.6 kVA		22.5 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Kitchen Equipment	[illegible]	[illegible]	8604 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(22) 20A / 1P, (3) 20A / 1P (G), (3) 20A / 1P (G) (L), (1) 20A / 1P (GE), (2) 20A / 1P (L), (1) 20A / 2P (G) (LT), (2) 20A / 2P (GE), (1) 25A / 1P, (4) 25A / 2P, (1) 30A / 2P (G) (LT), (1) 40A / 2P, (1) 60A / 1P, (1) 60A / 2P
Lighting	4260 VA	[illegible]	5325 VA		
Motor	2978 VA	118.[illegible]	3540 VA		
Non-Continuous	38768 VA	100.00%	38768 VA		
Receptacle	9148 VA	100.00%	9148 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 64.7 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: 65.4 kVA
TOTAL DEMAND AMPS: **181 A**

PANEL NAME: LF1

SUPPLY FROM: [illegible] | MAINS RATING (A): 400 | FAULT CURRENT (A): 9922 | SURGE SUPRESSION:
LOCATION: EL[illegible]AL CLOSET 211 | MAINS TYPE: THERMAL MAGNETIC | SHORT CIRCUIT RATING...: 22000 | ULSE:
DISTRIBUTION SYSTEM: 208/[illegible] 4W | FEEDER ID: T400-4A | LUGS TYPE: FEED-THROUGH | 200% NEUTRAL:
FEEDER: (2) SET[illegible] #250 KCMIL AL, (1) #2[illegible] AL GND. IN 3" CONDUIT EACH | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND:

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	ASK SLIM KIOSK R40V HEALTH STATION [illegible] 156...	[illegible]	[illegible]	*#6	20 A	1	0.78	0.11					1	20 A	#12	#12	3.967	GM3V CIGARETTE FIXTURE I LIGHTING CUSTOMER...	2
3	[illegible]54 MISTER I NON-CONTINUOUS SALES 156	[illegible]	#12	#12	20 A	1			0.10	0.77			1	20 A	*#6	*#6	4.625	G85BSC REFRIG I NON-CONTINUOUS SALES 156	4
5	[illegible]04SC2 TABLE I NON-CONTINUOUS STARBU...	4.63	*#6	*#6	20 A	1					1.79	0.77	1	20 A	*#6	*#6	4.48	G85BSC REFRIG I NON-CONTINUOUS SALES 156	6
7	[illegible]SC REFRIG I NON-CONTINUOUS SALES 156	4.397	*#6	*#6	20 A	1	0.77	1.15					1	20 A	*#4	*#4	4.272	G85BSC REFRIG I NON-CONTINUOUS SALES 156	8
9	[illegible] REFRIG I NON-CONTINUOUS SALES 156	4.214	*#6	*#6	20 A	1			0.77	2.64			1	30 A	*#1	*#1	4.558	DA5DNSC304B BAIRY CASE I SALES 156	10
11	DA[illegible]304B BAIRY CASE I SALES 156	4.64	*#1	*#1	30 A	1					2.64	1.92	1	20 A	*#3	*#3	4.839	DMHF4AM HOT FOOD I SALES 156	12
13	(G) [illegible]MO W[illegible] GE250 KIDDIE RIDE	4.656	*#4	*#4	20 A	1	0.92	1.60					1	20 A	*#2	*#2	4.481	(G)(L) GE123 VENDING MACHINE	14
15	(G)(L) G[illegible]ING MACHINE	4.497	*#2	*#2	20 A	1			1.60	1.68			1	20 A	*#2	*#2	4.659	GE96B SHOPPING CART	16
17	GE1S FL[illegible]APPER GM10S CRANE GAME I CART...	4.587	*#8	*#8	20 A	1					0.38	1.68	1	20 A	*#4	*#4	4.403	GE96B SHOPPING CART I CART CORRAL 1 101	18
19	GE96B SHOPPING CART I CART CORRAL 1 101	4.367	*#4	*#4	20 A	1	1.68	1.68					1	20 A	*#4	*#4	4.332	GE96B SHOPPING CART I CART CORRAL 1 101	20
21	GE96B SHOPPING CART I CART CORRAL 1 101	4.297	*#4	*#4	20 A	1			1.68	1.68			1	20 A	*#4	*#4	4.262	GE96B SHOPPING CART I CART CORRAL 1 101	22
23	GE96B SHOPPING CART I CART CORRAL 1 101	4.497	*#8	*#8	20 A	1					0.84	0.90	1	20 A	*#8	*#8	4.694	ALBK LOWY BOY KIOSK I CONTINUOUS SALES 156	24
25	RECEPTACLE	4.55	*#6	*#6	20 A	1	1.26	0.00					1	20 A	--	--	--	SPARE	26
27	SPARE	--	--	--	20 A	1			0.00	0.00			1	20 A	--	--	--	SPARE	28
29	SPARE	--	--	--	20 A	1					0.00	0.00	1	20 A	--	--	--	SPARE	30
31	TRACK LIGHTING	4.464	*#6	*#6	20 A	1	0.96	1.20					1	20 A	*#6	*#6	4.825	TRACK LIGHTING	32
33	TRACK LIGHTING	4.221	*#4	*#4	20 A	1			1.20	1.20			1	20 A	*#4	*#4	4.276	TRACK LIGHTING	34
35	TRACK LIGHTING	4.332	*#4	*#4	20 A	1					1.20	1.20	1	20 A	*#4	*#4	4.388	TRACK LIGHTING	36
37	TRACK LIGHTING	4.8	*#8	*#8	20 A	1	1.20	1.20					1	20 A	*#6	*#6	4.31	TRACK LIGHTING	38
39	TRACK LIGHTING	4.412	*#6	*#6	20 A	1			0.96	0.96			1	20 A	*#6	*#6	4.681	TRACK LIGHTING	40
41	TRACK LIGHTING	4.591	*#6	*#6	20 A	1					0.96	0.96	1	20 A	*#6	*#6	4.502	TRACK LIGHTING	42
43	TRACK LIGHTING	4.751	#12	#12	20 A	1	0.22	0.11					1	20 A	#12	#12	3.477	(G) F47WR FLORAL WORKSTATION I LIGHTING...	44
45	(G) F47WR FLORAL WORKSTATION I RECEPTACLE...	4.314	*#4	*#4	20 A	1			1.80	1.08			1	20 A	*#8	*#8	4.504	RECEPTACLE SEATING 106	46
47	E102 THINCLIENT E22TV-47 TV I NON-CONTINUOUS...	4.778	*#10	*#10	20 A	1					0.64	2.00	2	25 A	*#8	*#8	4.849	(GE) GE41 PLUGMOLD I RECEPTACLE	48
49	E102 THINCLIENT E22TV40-2 LED TV I...	4.169	#12	#12	20 A	1	0.32	2.00											50
51	M13	3.089	#12	#12	20 A	1			0.04	1.20			1	20 A	*#3	*#3	4.726	LIGHTING	52
53												0.18	1	20 A	#12	#12	3.544	(G) SUMP PUMP I MOTOR ELEVATOR 300	54
						TOTAL CONNECTED LOAD:	35.8 kVA		42.9 kVA		40.6 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Continuous	1440 VA	125.00%	1800 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(43) 20A / 1P, (4) 20A / 1P (G), (2) 20A / 1P (G) (L), (1) 25A / 2P (GE), (2) 30A / 1P
Kitchen Equipment	11480 VA	80.00%	9184 VA		
Lighting	19136 VA	125.00%	23920 VA		
Motor	3158 VA	117.78%	3720 VA		
Non-Continuous	66027 VA	100.00%	66027 VA		
Receptacle	18032 VA	77.73%	14016 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 119.3 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: 118.7 kVA
TOTAL DEMAND AMPS: **329 A**

PANEL NAME: LDPA

SUPPLY FROM: TLDPA | MAINS RATING (A): 1200 | FAULT CURRENT (A): 20150 | SURGE SUPRESSION:
LOCATION: ELECTRICAL 138 | MAINS TYPE: ELECTRONIC LSI ERM | SHORT CIRCUIT RATING...: 25000 | ULSE:
DISTRIBUTION SYSTEM: 208/120V 3PH 4W | FEEDER ID: T1200-4A | LUGS TYPE: | 200% NEUTRAL:
FEEDER: (4) SETS OF (4) #500 KCMIL AL, (1) #1/0 AWG AL GND. IN 4" CONDUIT EACH | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND:

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1								10.12											2
3										9.71			3	225 A	SL	SL	SL	LD1	4
5												13.00							6
7							24.76	88.87											8
9	FLA1	SL	SL	SL	400 A	3			25.10	89.98			3	600 A	[illegible]	[illegible]	[illegible]	DEF1	10
11											25.36	90.22							12
13							19.20												14
15	D275MPL-23 STARBUCKS D275MPL-23 I NON-CONTINUOUS	4.745	*#4/0	*#4	200 A	3			19.20										16
17											[illegible]								18
19																			20
21																			22
23																			24
25																			26
27																			28
29																			30
31																			32
33																			34
35																			36
37																			38
39																			40
41																			42
						TOTAL CONNECTED LOAD:	143.0 kVA		144.0 kVA		147.8 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Kitchen Equipment	2088 VA	[illegible]	2088 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(1) 200A / 3P, (1) 225A / 3P, (1) 400A / 3P, (1) 600A / 3P
Lighting	35129 VA	[illegible]25.00%	43911 VA		
Motor	23826 VA	100.34%	23908 VA		
Non-Continuous	94551 VA	100.00%	94551 VA		
Receptacle	[illegible]0064 VA	99.68%	10032 VA		
DEFRO[illegible]E	[illegible]01 VA	72.70%	37441 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 434.7 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: 331.0 kVA
TOTAL DEMAND AMPS: **919 A**

PANEL NAME: LD1

SUPPLY FROM: LD[illegible] | MAINS RATING (A): 225 | FAULT CURRENT (A): 18392 | SURGE SUPRESSION:
LOCATION: EL[illegible]TRICAL 138 | MAINS TYPE: MAIN LUGS ONLY | SHORT CIRCUIT RATING...: 22000 | ULSE:
DISTRIBUTION SYSTEM: 20[illegible]120V 3PH 4W | FEEDER ID: 225-4A | LUGS TYPE: | 200% NEUTRAL:
FEEDER: [illegible] #300 KCMIL AL, (1) #2 AWG AL GND. IN 3" CONDUIT | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND:

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	GE244 DOCK LIGHT I NON-CONTINUOUS	0.911	#12	#12	20 A	1	0.05	0.16					1	20 A	#12	#12	1.109	GE1 FLY ZAPPER I NON-CONTINUOUS BACKROOM...	2
3	GE1 FLY ZAPPER I NON-CONTINUOUS DOCK 136	1.825	#12	#12	20 A	1			0.32	1.20			1	20 A	*#8	*#8	4.127	(GE) DOOR WARMER NON-CONTINUOUS	4
5	[illegible]WARMER I NON-CONTINUOUS BACKROO...	4.444	*#8	*#8	20 A	1					1.80	0.98	1	20 A	*#10	*#10	3.661	G27BSC PET FOOD I RECEPTACLE SALES 156	6
7	G27DSCF I NON-CONTINUOUS SALES 156	3.725	#12	#12	20 A	1	0.60	0.02					1	20 A	#12	#12	0.898	G99-12 LIGHT VALENCE I LIGHTING SALES 156	8
9	D195-5 HOT HOLDING CABINET I KITCHEN EQUIPMENT CLICKLIST 143	4.76	#12	#12	20 A	2			1.04	1.80			1	20 A	*#6	*#6	3.732	(GE) DOOR WARMER I NON-CONTINUOUS ROOM 12...	10
11											1.04	2.09	1	25 A	*#6	*#6	3.493	LCA6135S COOLING COIL I NON-CONTINUOUS DAIR...	12
13	(GE) HEAT TRACE I NON-CONTINUOUS GROCERY...	4.239	*#8	*#8	20 A	1	1.20	1.20					1	20 A	*#8	*#8	4.181	(GE) HEAT TRACE I NON-CONTINUOUS GROCERY...	14
15	M13	3.155	#12	#12	20 A	1			0.32	0.22			1	20 A	#12	#12	2.525	M13	16
17	GM17S-4 LIGHT VALENCE GM7M-4 LIGHT VALENCE I...	4.322	*#6	*#6	20 A	1					1.37	1.74	1	20 A	*#4	*#4	3.713	GM17S-4 LIGHT VALENCE GM20HM LIGHT VALENCE...	18
19	GM17S-4 LIGHT VALENCE GM20HM LIGHT VALENCE...	3.801	*#4	*#4	20 A	1	1.74	1.74					1	20 A	*#4	*#4	3.889	GM17S-4 LIGHT VALENCE GM20HM LIGHT VALENCE...	20
21	GM17S-4 LIGHT VALENCE GM20HM LIGHT VALENCE...	4.05	*#6	*#6	20 A	1			1.09	0.89			1	20 A	*#8	*#8	4.773	GM17S-4 LIGHT VALENCE GM7M-4 LIGHT VALENCE I...	22
23	F-1	1.043	#12	#12	15 A	1					0.10	0.10	1	15 A	#12	#12	0.918	F-2	24
25	F-3	0.947	#12	#12	15 A	1	0.10	0.13					1	15 A	#12	#12	1.131	EF-CC	26
27	EF-E	1.205	#12	#12	20 A	1			0.29	0.36			1	20 A	#12	#12	1.309	RECEPTACLE PHONE 138	28
29	CP1 I MOTOR BACKROOM 133	1.296	#12	#12	20 A	1					0.21	0.18	1	20 A	#12	#12	1.085	SPACE 312	30
31	(G) PROMORECEPTACLE SALES 156	4.077	#12	#12	20 A	1	1.00	1.00					1	20 A	#12	#12	4.39	(G) PROMO RECEPTACLE SALES 156	32
33	(G) PROMORECEPTACLE SALES 156	3.733	#12	#12	20 A	1			1.00	1.00			1	20 A	#12	#12	4.046	(G) PROMO RECEPTACLE SALES 156	34
35	(G) PROMORECEPTACLE ROOM 156, 156	4.873	#12	#12	20 A	1					1.00	1.00	1	20 A	*#10	*#10	3.713	(G) PROMO RECEPTACLE SALES 156	36
37	(G) PROMO RECEPTACLE SALES 156	4.512	*#8	*#8	20 A	1	1.00	0.18					1	20 A	#12	#12	1.42	RECEPTACLE AT GENERATOR	38
39	MAINTENCE RECEPTACLE PROTOCOLS I...	1.479	#12	#12	20 A	1			0.18	0.00			1	20 A	#12	#12	0.828	COMPACTOR FAN I MOTOR DOCK 136	40
41	(G) RECEPTACLE SALES 156	3.038	#12	#12	20 A	1					1.00	0.39	1	20 A	#12	#12	1.722	CP1 MAINTENCE RECEPTACLE PROTOCOLS I...	42
						TOTAL CONNECTED LOAD:	10.1 kVA		9.7 kVA		13.0 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Kitchen Equipment	2088 VA	100.00%	2088 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(4) 15A / 1P, (22) 20A / 1P, (8) 20A / 1P (G), (5) 20A / 1P (GE), (1) 20A / 2P, (1) 25A / 1P
Lighting	9133 VA	125.00%	11416 VA		
Motor	1128 VA	106.38%	1200 VA		
Non-Continuous	10413 VA	100.00%	10413 VA		
Receptacle	10064 VA	99.68%	10032 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 32.8 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: 35.1 kVA
TOTAL DEMAND AMPS: **98 A**

PANEL NAME: ELC

SUPPLY FROM: TELA | MAINS RATING (A): 125 | FAULT CURRENT (A): 6489 | SURGE SUPRESSION:
LOCATION: ELECTRICAL CLOSET 211 | MAINS TYPE: THERMAL MAGNETIC | SHORT CIRCUIT RATING...: 10000 | ULSE:
DISTRIBUTION SYSTEM: 208/120V 3PH 4W | FEEDER ID: T125-4A | LUGS TYPE: | 200% NEUTRAL:
FEEDER: (4) #2/0 AWG AL, (1) #4 AWG AL GND. IN 2" CONDUIT | ENCLOSURE TYPE: NEMA 1 | ISOLATED GROUND:

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	POLE	A		B		C		POLE	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	DR72BPE AUTO DOOR DR72BPI AUTO DOOR I...	4.344	*#6	*#6	20 A	1	1.20	1.20					1	20 A	*#6	*#6	4.473	DR72BPE AUTO DOOR DR72BPI AUTO DOOR I...	2
3	DR102BC BASCART DOOR I NON-CONTINUOUS CAR...	4.416	*#10	*#10	20 A	1			0.75	0.91			1	20 A	*#6	*#6	4.403	ALS9679-MP2 CHECKOUT I MOTOR SALES 156	4
5	ALS9679-MP2 CHECKOUT I MOTOR SALES 156	4.305	*#6	*#6	20 A	1					0.91	1.37	1	20 A	*#4	*#4	4.16	ALS9679-MP2 CHECKOUT I MOTOR SALES 156	6
7	CU-1	4.731	#12	#12	20 A	2	1.12	0.04					1	20 A	#12	#12	2.824	M13	8
9									1.12	0.07			1	20 A	#12	#12	2.733	M13	10
11	M13	3.377	#12	#12	20 A	1					0.11	0.11	1	20 A	#12	#12	2.941	M13	12
13																			14
15																			16
17																			18
19																			20
21																			22
23																			24
25																			26
27																			28
29																			30
31																			32
33																			34
35																			36
37																			38
39																			40
41																			42
						TOTAL CONNECTED LOAD:	3.6 kVA		2.9 kVA		2.5 kVA								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	NOTES:	BREAKER QUANTITIES (NEW ONLY)
Lighting	324 VA	125.00%	405 VA	DIRECT BUY - EQUIPMENT TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED.	(10) 20A / 1P, (1) 20A / 2P
Motor	5438 VA	110.33%	6000 VA		
Non-Continuous	3148 VA	100.00%	3148 VA		

PANEL TOTALS
TOTAL CONNECTED LOAD: 8.9 kVA
DEMAND CALCULATION NOTES:
TOTAL DEMAND: 9.6 kVA
TOTAL DEMAND AMPS: **27 A**

PANEL KEY

LP	LL	LK
LJ	LF2	LF1
LDPA	LD1	ELC

PANEL SCHEDULE LEGEND

(EX) = EXISTING CIRCUIT TO REMAIN
(#) = NEW CIRCUIT TO EXISTING CIRCUIT BREAKER
(G) = PROVIDE GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) CIRCUIT BREAKER
(GE) = PROVIDE GROUND-FAULT EQUIPMENT PROTECTION (GFEP) CIRCUIT BREAKER
(ST) = PROVIDE SHUNT TRIP CIRCUIT BREAKER
(A) = PROVIDE ARC FAULT CIRCUIT INTERRUPTER (AFCI) CIRCUIT BREAKER
(L) = PROVIDE LOCK-ON DEVICE
(LT) = PROVIDE LOCK-OUT/TAG-OUT DEVICE
(->) = CONNECT BRANCH CIRCUIT, WHICH WAS DISCONNECTED FROM ANOTHER SOURCE AS PART OF SELECTIVE DEMOLITION, TO POLE SPACE(S) AND BREAKER INDICATED, DETERMINE EXACT POLE ASSIGNMENT(S) BASED ON EXISTING COLOR-CODING OF THE BRANCH CIRCUIT CONDUCTOR INSULATION
* = INDICATES WIRE SIZE CHANGE DO TO VOLTAGE DROP

PANEL SCHEDULE GENERAL NOTES

A. PROVIDE HACR RATED BREAKERS ON ALL MOTOR LOADS.
B. PROVIDE LOCKING TYPE BREAKER FOR ALL LIFE SAFETY AND NIGHT LIGHTING BRANCH CIRCUITS.
C. UNLESS INDICATED OTHERWISE ON PLANS OR SCHEDULES, PROVIDE NEW BRANCH OVERCURRENT PROTECTIVE DEVICE (OPD) BREAKER OR FUSED SWITCH, WITH FUSE, AS APPLICABLE) IN CASES WHERE NEW CIRCUITS OR FEEDERS ARE SHOWN CONNECTED TO EXISTING POWER DISTRIBUTION EQUIPMENT. PROVIDE OPD MANUFACTURED BY THE SAME MANUFACTURER AS THE EXISTING EQUIPMENT IN WHICH IT WILL BE INSTALLED. PROVIDE A.I.C. RATINGS THAT MEET OR EXCEED THE RATINGS OF THE EXISTING EQUIPMENT AND OPD's.

2" REFERENCE LINE

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OWNER

Kroger

DATE	ISSUE
10/23/2018	90% OWNER REVIEW
11/01/2018	100% BID/PERMIT

#	DATE	REVISION

PROJECT TITLE
KROGER STORE R543

MERCURY BLVD.
HAMPTON, VA

COMMISSION NO. 517315
ISSUE DATE 10/23/2018
SHEET TITLE
PANEL SCHEDULES

SHEET NO.
E6.2.2

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