

NEW PANELBOARD		800 A MAIN LUG ONLY 3 PH 4 WIRES 120/208V 65,000 AIC GROUND BAR											
CK	LOAD SERVED	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	LOAD SERVED	CK	
1	PANEL A	4/0	225 A	3	21.67	21.74			3	225 A	4/0	PANEL B	2
3	--	--	--	--	21.74	21.70			4	--	--	--	4
5	--	--	--	--			21.68	21.73	5	--	--	--	6
7	(KK) MAIN CIRCUIT BREAKER	--	600 A	3	0.00	2.27			3	100 A	3	PANEL S	8
9	--	--	--	--		0.00	2.26		4	--	--	--	10
11	--	--	--	--		0.00	2.29		5	--	--	--	12
13	(KK) GENERATOR CIRCUIT BREAKER	--	600 A	3	0.00	10.38			3	100 A	3	PANEL L	14
15	--	--	--	--		0.00	10.28		4	--	--	--	16
17	--	--	--	--		0.00	14.82		5	--	--	--	18
19	SPACE	--	--	--	0.00	0.00			6	--	--	SPACE	20
21	SPACE	--	--	--	0.00	0.00			7	--	--	SPACE	22
23	SPACE	--	--	--	0.00	0.00			8	--	--	SPACE	24
TOTAL:					56.06 kVA	55.98 kVA		60.53 kVA					
FEEDER LOAD:					467.22 A	466.50 A		504.48 A					
TOTAL LOAD:					172.65 kVA			479.22 A					
PER NEC ARTICLE 220					164.30 kVA			456.04 A					

CONNECTED LOADS							
LOAD	LIGHTS	RECEPT.	REFRIG.	MISC.	KITCHEN	HVAC	TOTAL
CONNECTED LOAD	15.44 kVA	10.64 kVA	39.90 kVA	25.98 kVA	55.49 kVA	25.20 kVA	172.65 kVA
N.E.C. DEMAND	125.00%	96.99%	100.00%	100.00%	78.57%	100.00%	
FEEDER LOAD	19.30 kVA	10.32 kVA	39.90 kVA	25.98 kVA	43.60 kVA	25.20 kVA	164.30 kVA

NEW PANELBOARD		225 A MAIN LUG ONLY 3 PH 4 WIRES 120/208V SERIES RATED GROUND BAR											
CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK	
1	NOVELTY CASE	12	20 A	1	0.74	0.54			1	20 A	12	SANDEN HOT DISPLAY	2
3	PASTRY CASE	12	20 A	1		0.18	0.90		1	20 A	12	SERVICE RECEIPT	4
5	SALES AREA RECEIPT	12	20 A	1			0.18	1.68	1	20 A	12	ICED TEA BREWIER	6
7	RESTROOM RECEIPT	12	20 A	1	0.72	0.72			1	20 A	12	BULK CREAMER	8
9	(L) HEAT TRACE	12	20 A	1			0.08	1.28	2	20 A	12	HOT DOG ROLLER	10
11	SPARE	--	20 A	1			0.00	1.28	2	20 A	12	BUN WARMER	12
13	BUN WARMER	12	20 A	2	0.10	0.10			2	20 A	12	BUN WARMER	14
15	--	--	--	--		0.10	0.10		2	20 A	12	CUSTOMER MICROWAVE	16
17	CHILICHEESE DISPENSER	12	20 A	1			0.96	1.49	2	20 A	12		18
19	HOT DOG ROLLER	12	20 A	2	1.28	1.49			2	20 A	12		20
21	--	--	--	--		1.28	1.44		2	20 A	12	SLURPEE-3B	22
23	FAST FOOD MICROWAVE	12	20 A	2			1.49	1.44	2	20 A	12		24
25	--	--	--	--		1.49	2.85		2	40 A	8	COFFEE	26
27	COFFEE	8	40 A	2			2.85	2.85	2	40 A	8		28
29	--	--	--	--			2.85	4.92	3	50 A	8	RTU-1	30
31	SPARE	--	20 A	1	0.00	4.92			--	--	--		32
33	SINK RECEIPT	12	20 A	1			0.18	4.92	--	--	--		34
35	CONDIMENT COUNTER	12	20 A	1			0.18	0.00	1	20 A	12	SPARE	36
37	TPC-2A FLEXPACK	6	60 A	3	5.21	1.50			1	20 A	12	CAPPUCCINO	38
39	--	--	--	--			5.21	0.36	1	20 A	12	SANDWICH CASE	40
41	--	--	--	--			5.21	0.00	1	20 A	12	SPARE	42
TOTAL:					21.67 kVA	21.74 kVA		21.68 kVA					
FEEDER LOAD:					180.57 A	181.17 A		180.68 A					
TOTAL LOAD:					65.09 kVA			180.66 A					
PER NEC ARTICLE 220					60.74 kVA			168.61 A					

NEW PANELBOARD		225 A MAIN LUG ONLY 3 PH 4 WIRES 120/208V SERIES RATED GROUND BAR											
CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK	
1	WISCO HOT HOLD	12	20 A	1	0.82	0.36			1	20 A	12	CONVENIENCE RECEIPT	2
3	FSD POP OUTLET	12	20 A	1		0.18	0.90		1	20 A	12	LANCER FSD	4
5	UNDERCNTR FREEZER	12	20 A	1			0.64	0.18	1	20 A	12	EXTERIOR ICE MERCH	6
7	PANINI PRESS	12	20 A	1	1.80	1.20			1	20 A	12	FREEZER	8
9	FCB POP OUTLET	12	20 A	1			0.36	1.26	1	20 A	12	FREEZER	10
11	SANDWICH CASE	12	20 A	1			0.36	0.72	1	20 A	12	DOOR BUZZER	12
13	ICED COFFEE	12	20 A	1	0.48	0.00			1	20 A	12	SPARE	14
15	(L) HAND DRYER	12	20 A	1			1.50	1.50	1	20 A	12	(L) HAND DRYER	16
17	UNDERCNTR FRIDGE	12	20 A	1			0.40	2.40	2	30 A	10	TURBO CHEF OVEN	18
19	W.I.C. EVAPORATORS	12	20 A	2	0.64	2.40			2	20 A	12	FREEZER EVAPORATOR	20
21	--	--	--	--		0.64	1.44		2	20 A	12	FREEZER EVAPORATOR	22
23	SLURPEE-3B	12	20 A	2			1.44	1.44	2	20 A	12		24
25	--	--	--	--		1.44	1.44		2	40 A	8	COFFEE MAKE	26
27	(L) W.I.C. DOOR HEATERS	12	20 A	1			1.54	1.44	--	--	--		28
29	TPC-2B FLEXPACK	10	30 A	3			2.28	3.60	5	50 A	8	WATER MAKE	30
31	--	--	--	--			2.28	3.00	--	--	--		32
33	--	--	--	--					--	--	--		34
35	WISCO HOT HOLD	12	20 A	1				2.40	3	30 A	10	TURBO CHEF OVEN	36
37	RTU-2	8	40 A	3	3.48	2.40			2	30 A	10		38
39	--	--	--	--			3.48	2.18	2	30 A	10	DOYON OVEN	40
41	--	--	--	--				3.48	--	--	--		42
TOTAL:					21.74 kVA	21.74 kVA		21.73 kVA					
FEEDER LOAD:					181.17 A	180.84 A		181.14 A					
TOTAL LOAD:					65.17 kVA			180.89 A					
PER NEC ARTICLE 220					62.22 kVA			174.66 A					

NEW PANELBOARD		100 A MAIN LUG ONLY 3 PH 4 WIRES 120/208V SERIES RATED GROUND BAR											
CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK	
1	BNB SYRUP	12	20 A	1	0.18	0.36			1	20 A	12	LIGHTING CONTACTOR	2
3	(B) B.O.H. LIGHTS	12	20 A	1		0.40	0.30		1	20 A	12	ATM SIGN	4
5	SPACE	--	--	--			0.00	0.00	1	20 A	12	SPARE	6
7	(L)V MONUMENT SIGN	10	20 A	1	0.60	0.23			1	20 A	12	BST PUMP/ALARM	8
9	(L)V PRICE CHANGER	10	20 A	1		0.60	0.36		1	20 A	12	CO2 MONITOR	10
11	WALL CLOCK	12	20 A	1			0.18	0.00	1	20 A	12	SPARE	12
13	CIG MERC RECEIPT	12	20 A	1	0.36	0.54			1	20 A	12	WINDOW RECEIPTS	14
15	(B) SALES AREA LIGHTS	12	20 A	1		0.43	0.50		1	20 A	12	LOTTO SIGN	16
17	(L) COOLER LIGHTS	12	20 A	1			0.13	0.00	1	20 A	12	SPARE	18
19	(L) COOLER DOOR LIGHTS	12	20 A	1	0.22	0.86			1	20 A	12	(L) EXTERIOR LIGHTS	20
21	(B) SALES AREA LIGHTS	12	20 A	1		0.88	1.54		1	20 A	10	(L) SITE LIGHTS	22
23	SPACE	--	--	--			0.00	0.00	--	--	--	SPACE	24
25	STAND UP LOTTO	12	20 A	1	0.54	0.30			1	20 A	12	(L) EXTERIOR SIGN	26
27	(L) EXTERIOR SIGN	12	20 A	1		0.30	0.60		1	20 A	10	(L)V CANOPY SIGNAGE	28
29	SPACE	--	--	--			0.00	0.00	--	--	--	SPACE	30
31	(B) SALES AREA LIGHTS	12	20 A	1	0.76	0.96			1	20 A	10	(L)V CANOPY LIGHTS	32
33	(L)V SITE LIGHTS	10	20 A	1		1.29	0.96		1	20 A	10	(L)V CANOPY LIGHTS	34
35	E-STOP	12	20 A	1			0.10	14.42	2	100 A	3	PANEL F	36
37	(L)V MONUMENT SIGN	10	20 A	1	0.60	3.87			--	--	--		38
39	(L)V PRICE CHANGER	10	20 A	1		0.60	1.56		1	20 A	10	(L)V AIR VAC	40
41	SPACE	--	--	--			0.00	0.00	1	20 A	12	SPARE	42
TOTAL:					10.38 kVA	10.32 kVA		14.82 kVA					
FEEDER LOAD:					86.61 A	86.04 A		123.61 A					
TOTAL LOAD:					35.57 kVA			98.74 A					
PER NEC ARTICLE 220					38.68 kVA			107.37 A					

NEW PANELBOARD		100 A MAIN LUG ONLY 3 PH 4 WIRES 120/208V SERIES RATED GROUND BAR											
CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK	
1	VERIPHONE	12	20 A	1	0.04	0.18			1	20 A	12	ATM	2
3	REDBOX KIOSK	12	20 A	1		1.54	0.36		1	20 A	12	MANAGER'S DESK QUAD	4
5	(L) VEEDEOR ROOT	12	20 A	1			0.21	0.36	1	20 A	12	MANAGER'S DESK QUAD	6
7	TIDEL SENTINEL	12	20 A	1	0.18	0.36			1	20 A	12	WORKSTATION QUAD	8
9	SPACE	--	20 A	1			0.00	0.18	1	20 A	12	WORKSTATION RECEIPT	10
11	CASH REGISTER	12	20 A	1			0.23	0.36	1	20 A	12	WORKSTATION QUAD	12
13	SALES COUNTER LOTTO	12	20 A	1	0.35	0.18			3	20 A	--	SPD	14
15	SPACE	--	20 A	1			0.00	0.18	--	--	--	--	16
17	CASH REGISTER	12	20 A	1			0.23	0.18	--	--	--	--	18
19	EBT	12	20 A	1	0.80	0.00			1	20 A	--	SPARE	20
21	SPACE	--	20 A	1			0.00	0.00	1	20 A	--	SPARE	22
23	EMS PANEL	12	20 A	1			0.18	0.18	1	20 A	12	EDHS/LARGE SUPP.	24
25	MONEY ORDER	12	20 A	1	0.18	0.00			1	20 A	--	SPACE	26
27	SPACE	--	20 A	1			0.00	0.00	--	--	--	SPACE	28
29	INTERCOM	12	20 A	1			0.18	0.18	1	20 A	--	TELEPHONE	30
TOTAL:					2.27 kVA	2.26 kVA		2.29 kVA					
FEEDER LOAD:					18.93 A	18.83 A		19.10 A					
TOTAL LOAD:					6.82 kVA			18.93 A					
PER NEC ARTICLE 220					6.82 kVA			18.93 A					

NEW PANELBOARD		100 A MAIN LUG ONLY 1 PH 3 WIRES 120/208V SERIES RATED GROUND BAR											
CK	LOAD SERVED	WIRE	BRKR	PL	PHASE C	PHASE B	PHASE A	PL	BRKR	WIRE	LOAD SERVED	CK	
1	DISPENSER #1	12	20 A	1			0.00		1	20 A	--	SPARE	2
3	SWITCHED NEUTRAL	--	--	--			0.00	0.00	--	--	--	SWITCHED NEUTRAL	4
5	DISPENSER #3	12	20 A	1			1.08	1.08	1	20 A	12	DISPENSER #2	6
7	SWITCHED NEUTRAL	--	--	--			0.00	0.00	--				