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Kimberland
Store Number: 9747
8090 US 1 & MICCO ROAD
MICCO, FL
JOB NUMBER: 41-17-2019-00

ISSUE BLOCK		
1	CLIENT REVIEW	08/30/19
2	100%	09/27/19

CHECKED BY: JAC
DRAWN BY: JLB
DOCUMENT DATE:

ELECTRICAL
PANEL
SCHEDULES

LPC 208Y/120V, 3PH, 4W, 225 A MLO
LOCATION: Room 177 (65K) AIC, SERIES RATED SURFACE, NEMA 1 GROUND BAR
SUPPLY FROM: MDP
UPSTREAM OCPD: 200 A
SERVES:

CKT	Circuit Description	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Circuit Description	CKT
1	SINGLE SOFT HEAT COFFEE(4)	10	30 A	2	2.05	0.00					SPACE	2
3	SPACE										SPACE	4
5	SINGLE SOFT HEAT COFFEE(4)	10	30 A	2	2.05	1.08					HATCO HOT HOODLIGHT	6
7	SPACE										INTERIOR BACK & SIDE REC.(4)	8
9	DOUBLE SOFT HEAT COFFEE(4)	6	50 A	2	3.40	0.36					COFFEE BAR/FOOD PREP CONV.REC	10
11	SPACE										HATCO HOT HOODLIGHT	12
13	DOUBLE SOFT HEAT COFFEE(4)	6	50 A	2	3.40	0.50					WALK-IN COOLER DOOR HEATER(2)	14
15	SPACE										WALK-IN COOLER DOOR HEATER(2)	16
17	DOUBLE SOFT HEAT COFFEE(4)	6	50 A	2	3.40	0.50					WALK-IN COOLER DOOR HEATER(2)	18
19	SPACE										WALK-IN COOLER DOOR HEATER(2)	20
21	HATCO HOT SLIDE	12	20 A	1	0.38	0.00					ISLAND COOLER	22
23	ROOF RECEPTACLES	12	20 A	1	0.38	0.00					WALK-IN RECEPTACLES(4)	24
25	ROOF LIGHTS	12	20 A	1	0.09	0.18					WALK-IN RECEPTACLES(4)	26
27	RECIRCULATION PUMP	12	20 A	1	0.41	0.00					HATCO HOT HOODLIGHT	28
29	SPACE										WALK-IN FREEZER HEAT TRACE(2.5)	30
31	SPACE										WALK-IN FREEZER HEAT TRACE(2.5)	32
33	SPACE										RED BULL COOLER	34
35	PIZZA DISPLAY CABINET(4)	12	15 A	1	1.44	1.62					FROZEN BEVERAGE DISPENSER(4)	36
37	HATCO HOT SLIDE	12	20 A	1	0.38	0.00					SPACE	38
39	HATCO HOT SLIDE	12	20 A	1	0.38	0.00					SPACE	40
41	TRENCH SPARS(2)	12	12 A	1	0.54	0.00					SPACE	42
TOTAL CONNECTED KVA:					16.25	12.24	15.73					
TOTAL CONNECTED AMPS:					140.53 A	102.00 A	151.22 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	TOTAL DEMAND	PANEL TOTALS
CONTINUOUS	0.00 kVA			
NON-CONTINUOUS	0.00 kVA			TOTAL CONN. LOAD: 46.02 kVA
LIGHTING	0.00 kVA			TOTAL DEMAND LOAD: 32.99 kVA
RECEPTACLES	0.75 kVA	100.00%	0.75 kVA	TOTAL CONN. CURRENT: 128 A
MOTORS	2.36 kVA	100.00%	2.36 kVA	TOTAL DEMAND CURRENT: 92 A
KITCHEN	4.76 kVA	65.00%	3.10 kVA	
REFRIGERATION	4.47 kVA	100.00%	4.47 kVA	
HVAC COOL	0.00 kVA	100.00%	0.00 kVA	
HVAC HEAT	0.00 kVA	0.00%	0.00 kVA	

LPB 208Y/120V, 3PH, 4W, 225 A MLO
LOCATION: Room 177 (65K) AIC, SERIES RATED SURFACE, NEMA 1 GROUND BAR
SUPPLY FROM: MDP
UPSTREAM OCPD: 200 A
SERVES:

CKT	Circuit Description	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Circuit Description	CKT
1	FREER/COOLER LIGHTS(7)	12	20 A	1	0.65	3.10					ACCELERATED WARMING OVEN(4)	2
3	RECEIVING/STORAGE	12	20 A	1		0.86	3.10				ACCELERATED WARMING OVEN(4)	4
5	BEER CAVE LIGHTING (3)	12	20 A	1		0.20	3.10				ACCELERATED WARMING OVEN(4)	6
7	NIGHT LIGHTING(3)	12	20 A	1							ACCELERATED WARMING OVEN(4)	8
9	ATTIC LIGHTING(7)	12	20 A	1		0.24	1.60				MICROWAVE(4)	10
11	RETAIL - ZONE 2 LIGHTING(2,7)	12	20 A	1			1.35	0.90			AIR TOWER(2,4,6)	12
13	RETAIL - ZONE 3 LIGHTING (2,7)	12	20 A	1	1.05	0.94					UNDERCOUNTER FRIDGE(4)	14
15	RETAIL - ZONE 1 LIGHTING(2,7)	12	20 A	1		1.15	1.24				GAS CANOPY LIGHTING (2,6,7)	16
17	GAS CANOPY LIGHTING(2,6,7)	10	20 A	1			1.42	0.00			SPACE	18
19	GAS CANOPY LIGHTING(2,6,7)	10	20 A	1	1.60	1.55					PIZZA DISPLAY CASE	20
21	PYLON SIGN (PRICE SIGN)(2,6)	10	20 A	1		0.90	1.55				SPACE	22
23	PYLON SIGN (PRICE SIGN)(2,6)	10	20 A	1		0.90	0.36				HOTDOG/BUN WARMER	24
25	EXT. PERIMETER LTS/SIGNS(2,7)	12	20 A	1	1.42	0.90					REFRIG CONDIMENT BAR(2,6)	26
27	INTERIOR SIGNAGE	12	20 A	1		0.50	1.00				CHILI CHEESE DISP (6)	28
29	SITE POLE LIGHTING(2,6,7)	10	20 A	1			0.54	0.09			SANDWICH CASE(2)	30
31	SITE POLE LIGHTING(2,6,7)	10	20 A	1	0.40	0.07					SANDWICH CASE(2)	32
33	PYLON SIGN/MESSAGE	10	20 A	1		0.90	0.07				UNDERCOUNTER FREEZER(4)	34
35	MOTORIZED SHADES	12	20 A	1			0.36	0.94			HODDQ/BUN WARMER	36
37	PYLON SIGN (2,6,7)	10	20 A	1	0.90	0.36					LIGHTING CONTACTOR(11)	38
39	ACCELERATED WARMING OVEN(4)	10	30 A	2		3.10	0.00				LIGHTING CONTACTOR(11)	40
41	SPACE										SPACE	42
TOTAL CONNECTED KVA:					16.23	16.20	13.15					
TOTAL CONNECTED AMPS:					139.16 A	138.92 A	109.60 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	TOTAL DEMAND	PANEL TOTALS
CONTINUOUS	0.00 kVA			
NON-CONTINUOUS	0.00 kVA			TOTAL CONN. LOAD: 45.58 kVA
LIGHTING	12.09 kVA	125.00%	15.11 kVA	TOTAL DEMAND LOAD: 40.01 kVA
RECEPTACLES	0.90 kVA	100.00%	0.90 kVA	TOTAL CONN. CURRENT: 127 A
MOTORS	4.50 kVA	100.00%	4.50 kVA	TOTAL DEMAND CURRENT: 111 A
KITCHEN	25.01 kVA	65.00%	16.26 kVA	
REFRIGERATION	2.11 kVA	100.00%	2.11 kVA	
HVAC COOL	0.00 kVA	100.00%	0.00 kVA	
HVAC HEAT	0.00 kVA	0.00%	0.00 kVA	

LPG 208Y/120V, 3PH, 4W, 225 A MLO
LOCATION: Room 177 (65K) AIC, SERIES RATED SURFACE, NEMA 1 GROUND BAR
SUPPLY FROM: MDP
UPSTREAM OCPD: 175 A
SERVES:

CKT	Circuit Description	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Circuit Description	CKT
1	SWITCHED NEUTRAL (2,7)				0.00	0.90					GAS SUMP PUMP (7)	2
3	DISPENSER 1/2	12	20 A	1		0.90	0.90				SPACE	4
5	DISP CONTROL POWER - (ESTOP)(3)	12	20 A	1		0.00	0.90				SPACE	6
7	SWITCHED NEUTRAL(2,7)				0.00	0.90					GAS SUMP PUMP (7)	8
9	DISPENSER 3/4	12	20 A	1		0.90	0.90				SPACE	10
11	SPARE	12	20 A	1			0.00	0.90			SPACE	12
13	SWITCHED NEUTRAL(2,7)				0.00	0.90					GAS SUMP PUMP (7)	14
15	DISPENSER 5/6	12	20 A	1		0.90	0.90				SPACE	16
17	SPARE	12	20 A	1			0.00	0.90			SPACE	18
19	SWITCHED NEUTRAL(2,7)				0.00	0.90					GAS SUMP PUMP (7)	20
21	DISPENSER 7/8	12	20 A	1		0.90	0.90				SPACE	22
23	SPARE	12	20 A	1			0.00	0.90			SPACE	24
25	SWITCHED NEUTRAL (2,7)				0.00	0.00					SPARE	26
27	DISPENSER 9/10	12	20 A	1		0.90	0.00				SPARE	28
29	SPARE						0.00	0.00			SPARE	30
31	SPARE						0.00	0.00			SPARE	32
33	SPARE						0.00	0.00			SPARE	34
35	SPARE						0.00	0.00			SPARE	36
37	SPARE						0.00	0.00			SPARE	38
39	SPARE						0.00	0.00			SPARE	40
41	SPACE						0.00	0.50			FUELING CONTROLS(2,11)	42
TOTAL CONNECTED KVA:					3.60	8.10	4.10					
TOTAL CONNECTED AMPS:					30.00 A	68.14 A	34.81 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	TOTAL DEMAND	PANEL TOTALS
CONTINUOUS	0.00 kVA			
NON-CONTINUOUS	0.00 kVA			TOTAL CONN. LOAD: 15.80 kVA
LIGHTING	0.00 kVA			TOTAL DEMAND LOAD: 15.80 kVA
RECEPTACLES	0.00 kVA			TOTAL CONN. CURRENT: 44 A
MOTORS	15.80 kVA	100.00%	15.80 kVA	TOTAL DEMAND CURRENT: 44 A
KITCHEN	0.00 kVA			
REFRIGERATION	0.00 kVA			
HVAC COOL	0.00 kVA	100.00%	0.00 kVA	
HVAC HEAT	0.00 kVA	0.00%	0.00 kVA	

LPE 208Y/120V, 3PH, 4W, 225 A MLO
LOCATION: Room 177 (65K) AIC, SERIES RATED SURFACE, NEMA 1 GROUND BAR
SUPPLY FROM: MDP
UPSTREAM OCPD: 100 A
SERVES:

CKT	Circuit Description	Wire	Trip	Poles	A	B	C	Poles	Trip	Wire	Circuit Description	CKT
1	MACTVITOR UPS(1,3)	10	30 A	1		0.00					FA CONTROL PANEL VIA SPQ(3)	2
3	MANAGER OFFICE RECEPTACLES	12	20 A	1		1.08	0.18				FIRE ALARM COMMUNICATOR(3)	4
5	MANAGER OFFICE RECEPTACLES	12	20 A	1			0.90	0.18			LOTTERY COUNTER	6
7	MONEY ORDER MACHINE	12	20 A	1	0.36	0.00					SPARE	8
9	LOTTERY TERMINAL	12	20 A	1		0.36	0.36				ATM MACHINE	10
11	LOTTERY	12	20 A	1			0.36	0.18			FLOOR BUFFER MACHINE	12
13	CHECKOUT COUNTERS	12	20 A	1	0.36	0.54					BATHROOM GFI RECEPTACLES	14
15	DIGITAL MENU BOARD (1)	12	20 A	1		0.36	0.18				SELF SERVE LOTTERY (1,4)	16
17	SECURITY/CIGAS MONITORS	12	20 A	1			0.36	0.54			RECEIVING/UTILITY CONV. RECEPTS	18
19	HAND DRYER(2)	12	20 A	1	0.24	0.36					RECEPTACLES BEHIND CASHIER	20
21	HAND DRYER(2)	12	20 A	1		0.24	0.36				WINDOW RECEPTACLES	22
23	HAND DRYER(2)	12	20 A	1			0.31	0.36			QUAD ABOVE LOW VOLTAGE CABINET	24
25	SPARE	12	20 A	1		0.31	0.00				SPARE	26
27	TURNTURN CURTAIN (2)	12	20 A	1		0.31	0.18				IRRIGATION SYSTEM(2)	28
29	CHARGER STATION	12	20 A	1			0.24	0.00			SPARE	30
31	HAND DRYER (2)	12	20 A	1	0.24	0.90					PYLON SIGN (PRICE SIGN) (2,6)	32
33	SPARE	12	20 A	1		0.00	0.90				PYLON SIGN (PRICE SIGN) (2,6)	34
35	SPARE	12	20 A	1			0.00	1.80			DIGITAL MEN BOARD CONTROL(S)1	36
37	FLOOR BOX	12	20 A	1	0.18	0.72					SECURITY SERVER(1)	38
39	FLOOR BOX	12	20 A	1		0.18	0.90				PYLON SIGN/MESSAGE BOARD(2,6)	40
41	FLOOR BOX	12	20 A	1			0.18	0.90			PYLON SIGN (2,6,7)	42
TOTAL CONNECTED KVA:					6.37	6.85	6.67					
TOTAL CONNECTED AMPS:					53.08 A	57.47 A	55.97 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	TOTAL DEMAND	PANEL TOTALS
CONTINUOUS	0.00 kVA			
NON-CONTINUOUS	0.00 kVA			TOTAL CONN. LOAD: 19.89 kVA
LIGHTING	0.00 kVA			TOTAL DEMAND LOAD: 17.37 kVA
RECEPTACLES	14.90 kVA	83.56%	12.45 kVA	TOTAL CONN. CURRENT: 55 A
MOTORS	3.60 kVA	100.00%	3.60 kVA	TOTAL DEMAND CURRENT: 48 A
KITCHEN	0.72 kVA	90.00%	0.65 kVA	
REFRIGERATION	0.00 kVA			
HVAC COOL	0.31 kVA	100.00%	0.31 kVA	
HVAC HEAT	0.00 kVA	0.00%	0.00 kVA	

LPA 208Y/120V, 3PH, 4W, 225 A MLO
LOCATION: Room 177 (65K) AIC, SERIES RATED SURFACE, NEMA 1 GROUND BAR
SUPPLY FROM: MDP
UPSTREAM OCPD: 200 A
SERVES:

CKT	Circuit Description	Wire	Trip	Poles	A	B</
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