PANELBOARD: MDP

BUS AMPS: 1200A — MAIN SIZE/TYPE : 1175A MCB — VOLTS/PHASE: 208Y/120V, 3PH, 4W — SECTION: 1
AIC RATING: 42000 FULLY RATED — SERVES: MAIN DISTRUBUTION — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS

CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.
1		5,884									5,163				2
3	RTU-1 (1)		5,884		8	50	3	3	50	8		5,163		RTU-2 (1)	4
5				5,884									5,163		6
7		5,884									10,721				8
9	RTU-3 (1)		5,884		8	50	3	3	225	OL		11,588		LPA	10
11				5,884									10,784		12
13		10,963									14,760				14
15	MASTER BILT UNIT (1)		10,963		2	100	3	3	225	OL		16,990		RPB	16
17				10,963									17,240		18
19		21,870						2	200	OL	6,360			RPD	20
21	RPA		27,775		OL	225	3					6,090			22
23				26,110				1						SPACE	24
25		13,216									4,500				26
27	RPC		16,145		OL	225	3	3	60	OL		4,500		RPG	28
29				10,885									4,500		30
31		5,000									8,230				32
33	WATER HEATER		5,000		8	50	3	3	125	OL		9,130		RPH	34
35				5,000									6,180		36
37															38
39	SPACE						3	3						SPACE	40
41															42
	SUBTOTAL	62,817	71,851	66,726							49,734	52,461	45,867	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	112,551	COOLING	50,793	1.00	REFRIGERATION	33,965	1.00	
AMPS	938	HEATING	20,080	0	SIGN/DISPLAY		1.25	
TOTAL PHASE B - VA	124,112	LIGHTING	31,693	1.25	KITCHEN	87,830	0.65	
AMPS	1034	RECEPTACLES	9,360	1.0/.5	EXISTING		1.00	
TOTAL PHASE C - VA	112,593	MOTORS	27,956	1.00	LARGE MOTOR		1.25	TOTAL DEMAND
AMPS	938	SUPP HEAT	3,000	1.00	SHOW WINDOW		1.25	306,359 VA
TOTAL PNLBD - VA	349,256	MISC EQUIP	84,579	1.00	LTG TRACK		1.00	850 A
AMPS	969							

PANELBOARD NOTES
FED FROM: UTILITY TRANSFORMER
OL= REFER ONE LINE DIAGRAM ON SHEET E7
(1) - HACR RATED BREAKER

PANELBOARD: RPC

BUS AMPS: 225A — MAIN SIZE/TYPE: MLO — VOLTS/PHASE: 208Y/120V, 3PH, 4W — SECTION: 1
FAULT CURRENT: REFER TO ONE-LINE DIAGRAM — AIC RATING: 22000 FULLY RATED — SERVES: FIRST FLOOR — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS

CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.
1	GEN PURPOSE RECEPTACLES	900			12	20	1	1	20	12	900			CANDY LGT,GNRL PRP RCPT	2
3	GEN PURPOSE RECPT, HWRP		900		12	20	1	1	20	12		900		GEN PURP RCPT, TIME CLOCK	4
5	ROOF RECEPTACLES			720	12	20	1	1	20	12			720	SHOW WINDOW RECEPTS	6
7	AUTO FLUSH VALVES	250			12	20	1	1	20	12	540			SHOW WINDOW RECEPTS	8
9	D5 TRASH COMPACTOR		1,270					1	20	12		540		GEN PURP RECPTS. BUG LGT	10
11				1,270	10	30	3	1	20	12			360	CO2 CENTRAL DISPLAY & EF-2	12
13		1,270						1	20	12	1,000			IRRIGATION SYSTEM	14
15	BAGGED ICE - INTERIOR		970		12	20	1		20	12		1,000		REACH FRIDG, BROOM RECPT	16
17	FREESTYLE BOOST PUMP			800	12	20	1	1	20	12			500	PRICE SIGN CONTROLLER	18
19	D5 SONOZAIRE	130			12	20	1			8	1,400			2ND SITE AIR PUMP	20
21	POWER WASH		1,560		10	20	2					300		BAS PANEL CC-3	22
23				1,560				3	20	12			300		24
25	EXHAUST FANS 1	696			12	20	1				300				26
27	BAGGED ICE - EXTERIOR		970		12	20	1	1	20	12		1,440		E-SAFE RECEPT	28
29	HAND DRYER MEN'S			750	12	20	2		20	12			395	Y-CLK TELE	30
31		750						1	20	12	500			RADIO CHARG, BELL/BUZZ	32
33	HAND DRYER WOMEN		750		12	20	2	1	20	12		655		BAS CC-4	34
35				750				1	20	8			1,400	1ST SITE AIR PUMP	36
37	RPU VIA UPS	3,580			OL	70	2				1,000				38
39			3,690					3	20	8		1,000		SITE LIFT STATION (1)	40
41	EMERGENCY SHUTOFF COIL			360	12	20	1						1,000	(IF REQUIRED)	42
	SUBTOTAL	7,576	10,310	6,210							5,640	5,835	4,675	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	13,216	COOLING		1.00	REFRIGERATION	1,940	1.00	
AMPS	110	HEATING		0	SIGN/DISPLAY		1.25	
TOTAL PHASE B - VA	16,145	LIGHTING		1.25	KITCHEN		1.00	
AMPS	135	RECEPTACLES	8,480	1.0/.5	EXISTING		1.00	
TOTAL PHASE C - VA	10,885	MOTORS	11,426	1.00	LARGE MOTOR		1.25	TOTAL DEMAND
AMPS	91	SUPP HEAT	3,000	1.00	SHOW WINDOW		1.25	40,246 VA
TOTAL PNLBD - VA	40,246	MISC EQUIP	15,420	1.00	LTG TRACK		1.00	112 A
AMPS	112							

PANELBOARD NOTES
FED FROM: MDP
OL= REFER ONE LINE DIAGRAM ON SHEET E7
(1) - LOCKED BREAKER

PANELBOARD: RPH

BUS AMPS: 125A — MAIN SIZE/TYPE: MLO — VOLTS/PHASE: 208Y/120V, 3PH, 4W — SECTION: 1
FAULT CURRENT: REFER TO ONE-LINE DIAGRAM — AIC RATING: 22000 FULLY RATED — SERVES: FIRST FLOOR — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS

CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.
1	FOOD SERVICE EQUIP	600			12	20	1	2	30	8	2,100			B14.2 TOASTER OVEN	2
3	CUBLET ICE MAKER		800		12	20	1					2,100			4
5	BLENDER			1,200	12	20	1	1	20	12			1,450	B1 SANDWICH STATION	6
7		1,730						1	20	12	1,300			WORK STATION/BREAD TIMER	8
9	SOFT SERVE		1,730		10	25	3	1	20	12		1,000		RAZZLE BLENDER	10
11				1,730				1	20	12			1,800	B28 CAPPUCINO MACHINE	12
13	LOTTERY MACHINE	1,000			12	20	1	2	30	10	1,500			B29 CAPPUCINO MACHINE	14
15	C6.2 WARMER#2		2,000		12	20	1					1,500			16
17	C6.2 WARMER#3			2,000	12	20	1	1						SPACE	18
19	SPACE						1	1						SPACE	20
21	SPACE						1	1						SPACE	22
23	SPACE						1	1						SPACE	24
	SUBTOTAL	3,330	4,530	4,930							4,900	4,600	3,250	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	8,230	COOLING		1.00	REFRIGERATION	5,990	1.00	
AMPS	69	HEATING		0	SIGN/DISPLAY		1.25	
TOTAL PHASE B - VA	9,130	LIGHTING		1.25	KITCHEN	4,800	1.00	
AMPS	76	RECEPTACLES		1.0/.5	EXISTING		1.00	
TOTAL PHASE C - VA	8,180	MOTORS	2,200	1.00	LARGE MOTOR		1.25	TOTAL DEMAND
AMPS	68	SUPP HEAT		1.00	SHOW WINDOW		1.25	25,540 VA
TOTAL PNLBD - VA	25,540	MISC EQUIP	12,550	1.00	LTG TRACK		1.00	71 A
AMPS	71							

PANELBOARD NOTES
FED FROM: MDP

PANELBOARD: RPA

BUS AMPS: 225A — MAIN SIZE/TYPE: MLO — VOLTS/PHASE: 208Y/120V, 3PH, 4W — SECTION: 1
AIC RATING: 22000 FULLY RATED — SERVES: KITCHEN — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS

CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.
1	BREAD TIMER	100			12	20	1	1	20	12	1,450			B1 SANDWICH STATION	2
3	C15 BAKERY DISPLAY		360		12	20	1	1	20	12		925		LABEL MACH/WARMER/FREEZER	4
5				2,730				1	20	12			1,530	B1 SANDWICH STATION	6
7	B9 HOT FOOD TABLE	2,730			10	30	3	1	20	12	800			AIR CURTAINS	8
9			2,730					1	20	10		2,000		C6.2 WARMER#1	10
11	B26.2 COFFEEE BREW #1			2,600	8	40	2	1	20					SPARE	12
13		2,600						1	20					SPARE	14
15	B26.2 COFFEEE BREW #2		2,600		8	40	2	2	30	8		2,100		B14.2 TOASTER OVEN	16
17				2,600									2,100		18
19	B37 UC ICE MACHINE	480			12	20	1	2	30	8	2,100			B14.2 TOASTER OVEN	20
21	B14.2 TOASTER OVEN		2,100		8	30	2					2,100			22
23				2,100				1	20	12			1,200	B36 SMOOTHIE BLND1	24
25		3,300						1	20	12	360			DROP-IN FRIDGE	26
27	B42 OVEN		3,300		8	35	3	1	20	12		1,600		B46 HOT HOLDING UNIT	28
29				3,300				2	30	8			2,100	B14.2 TOASTER OVEN	30
31	C11 ATM #1 MAIN POWER	250			12	20	1				2,100				32
33	C11 ATM #1 & #2 GENERAL PWR		360		12	20	1	2	30	10		2,000		T1 ESPRESSSO MACH.	34
35	C11 ATM #2 MAIN POWER			250	12	20	1						2,000		36
37		3,000									2,600				38
39	B12 RETHERMALIZER		3,000		8	30	3	3	30	10		2,600		B32 CONVECT. OVEN	40
41				3,000									2,600		42
	SUBTOTAL	12,460	14,450	16,580							9,410	13,325	11,530	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	21,870	COOLING		1.00	REFRIGERATION	1,385	1.00	
AMPS	182	HEATING		0	SIGN/DISPLAY		1.25	
TOTAL PHASE B - VA	27,775	LIGHTING		1.25	KITCHEN	74,230	0.65	
AMPS	231	RECEPTACLES		1.0/.5	EXISTING		1.00	
TOTAL PHASE C - VA	28,110	MOTORS		1.00	LARGE MOTOR		1.25	TOTAL DEMAND
AMPS	234	SUPP HEAT		1.00	SHOW WINDOW		1.25	51,775 VA
TOTAL PNLBD - VA	77,755	MISC EQUIP	2,140	1.00	LTG TRACK		1.00	144 A
AMPS	216							

PANELBOARD NOTES
FED FROM: MDP
(1) - HACR RATED BREAKER

PANELBOARD: RPD

BUS AMPS: 225A — MAIN SIZE/TYPE: MLO — VOLTS/PHASE: 240/120V, 1PH, 3W — SECTION: 1
FAULT CURRENT: REFER TO ONE-LINE DIAGRAM — AIC RATING: 22000 FULLY RATED — SERVES: FIRST FLOOR — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS — FEED THRU LUGS

CKT NO.	DESCRIPTION	A	B	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	DESCRIPTION	CKT NO.
1	GAS SIMPLEX RECPT ELECT ROOM	1,000		12	20	1	1	20	12	200		OVERFILL ALARM	2
3	FUEL TANK MONITOR (EIMS)		1,000	12	20	1	1	20	12		290	MUSIC INTERCOMM	4
5	FE PETRO DHI RELAYS	360		12	20	1	1					SPACE	6
7	SPARE				20	1	1					SPACE	8
SECTION: 2													
9	FUEL DISPENSERS #1 & #2	600		CE1	20	2	2	20	CE1	600		FUEL DISPENSERS #9 & #10	10
11			600								600		12
13	FUEL DISPENSERS #3 & #4	600		CE1	20	2	2	20	CE1	600		FUEL DISPENSERS #11 & #12	14
15			600								600		16
17	FUEL DISPENSERS #5 & #6	600		CE1	20	2	2	20	CE1	600		FUEL DISPENSERS #13 & #14	18
19			500								600		20
21	FUEL DISPENSERS #7 & #8	600		CE1	20	2	2	20	CE1	600		FUEL DISPENSERS #15 & #16	22
23			500								600		24
25	SPARE				20	2	2	20				SPARE	26
27													28
29	SPACE					1	1					SPACE	
	SUBTOTAL	3,760	3,400							2,600	2,690	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	6,360	COOLING		1.00	REFRIGERATION		1.00	
AMPS	53	HEATING		0	DISPLAY CASE		1.25	
TOTAL PHASE B - VA	6,090	LIGHTING		1.25	KITCHEN		1.00	
AMPS	51	RECEPTACLES		1.0/.5	EXISTING		1.00	
TOTAL PNLBD - VA	12,450	MOTORS		1.00	LARGE MOTOR		1.25	TOTAL [illegible]
AMPS	52	SUPP HEAT		1.00	SHOW WINDOW		[illegible]	[illegible] VA
		MISC EQUIP	12,450	1.00	LTG TRACK		1.00	[illegible]

PANELBOARD NOTES
FED FROM: MDP
(1) LOCKED BREAKER
(2) 1 OF THE 2 POLES IS FOR SWITCHED NEUTRAL TO FEED DISPENSERS
CE1 = SEE SHEET CE1 FOR WIRE/CONDUIT SIZES
FEED [illegible] CONNECTION: [illegible]/0
LTG TRACK - TRACK LENGTH
SIGN/DISPLAY - SIGNAGE & DISPLAY CASE

PANELBOARD: RPG

BUS AMPS: 100A — MAIN SIZE/TYPE: MLO — VOLTS/PHASE: 208Y/120V, 3PH, 4W — SECTION: 1
FAULT CURRENT: REFER TO ONE-LINE DIAGRAM — AIC RATING: 22000 FULLY RATED — SERVES: FIRST FLOOR — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS

CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.
1	SUBMERSIBLE PUMP #1	900									900			SUBMERSIBLE PUMP #2	2
3	VIA F.E. PETRO CONTROLLER		900		8	20	3	3	20			900		VIA F.E. PETRO CONTROLLER	4
5				900									900		6
7	SUBMERSIBLE PUMP #3	900									900			SUBMERSIBLE PUMP #4	8
9	VIA F.E. PETRO CONTROLLER		900		8	20			20	8		900		VIA F.E. PETRO CONTROLLER	10
11				900									[illegible]		12
13	SPACE						1				[illegible]			SUBMERSIBLE PUMP #5	14
15	SPACE						1	3		8		[illegible]		VIA F.E. PETRO CONTROLLER	16
17	SPACE						1						900		18
	SUBTOTAL	1,800	[illegible]	1,800							2,700	2,700	2,700	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	4,500	COOLING		1.00	REFRIGERATION		1.00	
AMPS	38	HEATING		0	SIGN/DISPLAY		1.25	
TOTAL PHASE B - VA	[illegible]	LIGHTING		1.25	KITCHEN		1.00	
AMPS	[illegible]	RECEPTACLES		1.0/.5	EXISTING		1.00	
TOTAL PHASE C - VA	[illegible]	MOTORS	[illegible]	1.00	LARGE MOTOR		1.25	TOTAL DEMAND
AMPS	[illegible]	SUPP HEAT		1.00	SHOW WINDOW		1.25	13,500 VA
TOTAL PNLBD - VA	[illegible]	MISC EQUIP		1.00	LTG TRACK		1.00	37 A
AMPS	37							

PANELBOARD NOTES
FED FROM: MDP

PANELBOARD: RPU

BUS AMPS: [illegible] — MAIN SIZE/TYPE: [illegible]0A MCB — VOLTS/PHASE: 240/120V, 1PH, 3W — SECTION: 1
FAULT CURRENT: REFER TO ONE-LINE DIAGRAM — AIC RATING: 22,000 22000 FULLY RATED — SERVES: FIRST FLOOR — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS — ISOLATED GROUND BUS

CKT NO.	DESCRIPTION	A	B	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	DESCRIPTION	CKT NO.
1	COMPT SERVER RECPT FOR PDU	500		10	30	1	1	20	12	480		CUSTOMER ORDER TERM #1	2
3	COMPT SERVER RECPT FOR PDU		500	10	30	1	1	20	12		480	CUSTOMER ORDER TERM #2	4
5	CASH REGISTER #1, #2	720		12	20	1	1	20	12	180		SECURITY EQUIP	6
7	CASH REGISTER #3, #4		720	12	20	1	1	20	12		180	KVM EXTENDER/MONITOR	8
9	CUSTOMER ORDER TERM #3	480		12	20	1	1	20				LOTTO MACHINE	10
11	OFFICE RECPTS		540		20	1	1	20	12		500	FIRE ALARM CONTROL PANEL	12
13	DELIVERY DOOR & CHIMES	380		12	20	1	1	20	12	500		CAT LOCK	14
15	AUTO FLUSH VALVES		250	12	20	1	1	20	12		720	FOOD SERVICE KPS UNITS	16
17	SPACE					1	1	20	12	380		COFFEE AREA KPS UNITS	18
	SUBTOTAL	2,060	2,010							1,520	1,880	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	3,580	COOLING		1.00	REFRIGERATION		1.00	
AMPS	30	HEATING		0	DISPLAY CASE		1.25	
TOTAL PHASE B - VA	3,890	LIGHTING		1.25	KITCHEN		1.00	
AMPS	32	RECEPTACLES	540	1.0/.5	EXISTING		1.00	
TOTAL PNLBD - VA	7,470	MOTORS		1.00	LARGE MOTOR		1.25	TOTAL DEMAND
AMPS	31	SUPP HEAT		1.00	SHOW WINDOW		1.25	7,470 VA
		MISC EQUIP	6,930	1.00	LTG TRACK		1.00	31 A

PANELBOARD NOTES
FED FROM: RPC
LTG TRACK - TRACK LENGTH
SIGN/DISPLAY - SIGNAGE & DISPLAY CASE

PANELBOARD: RPB

BUS AMPS: 225A — MAIN SIZE/TYPE: MLO — VOLTS/PHASE: 208Y/120V, 3PH, 4W — SECTION: 1
AIC RATING: 22000 FULLY RATED — SERVES: REFRIGERATION/GENERAL POWER — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS

CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.
1	A1 FAN COIL UNITS	1,120			12	20	1	1	20	12	400			A2 FAN COIL UNIT	2
3	A1 DOOR HEATER#1		750		12	20	1	1	20	12		1,000		RAZZLE BLENDER	4
5	A1 DOOR HEATER#2			660	12	20	1	1	20	12			500	A2 DISPLAY DOOR HEAT	6
7	A1 CONDESATE PUMP	200			12	20	1	1	20	12	1,130			A2 FREEZER DOOR HEAT	8
9	MONITORS/SIGNAGE		760		12	20	1	2	20	12		950		A4 FAN COIL UNIT	10
11	A3 FAN COIL UNITS			1,150	12	20	1						950		12
13	A3 DOOR HEATER	750			12	20	1	1	20	12	1,270			A4 FREEZER DOOR HEAT	14
15	B30 U.C. FRIDGE		360		12	20	1	1	20					SPARE	16
17	B30 U.C. FRIDGE			1,720	12	20	1	1	20	12			360	C17 DROP IN FRIDGE 1	18
19	C3.2 EXP CASE DANFOSS	550			12	20	1	1	20	12	720			C17 DROP FRIDGE 2,3	20
21	C3.2 EXP CASE FANS		340		12	20	1					2,000			22
23	WATER BOOST PUMP			630	12	20	1	3	35	8			2,000	FOLLET ICE CONDENSER	24
25	FREESTYLE ICE MACH #1 INSIDE	700			12	20	1				2,000				26
27	FREESTYLE ICE MACH #2 INSIDE		700		12	20	1	2	30	10		2,500		C23 FCB/ICE[illegible]	28
29	C22 FREESTYLE #2			640	12	20	1						2,500		30
31	C19.3 REACH IN FRZR CNT	600			12	20	1	1	20	12	720			C[illegible] COFFEE [illegible]	32
33	C19.3 REACH IN FRZR MAIN		910		12	20	2	1	20	12		620		C22 [illegible]STYLE #1	34
35				910									2,000		36
37		2,600						3	35	8	2,000			FOLLET [illegible] CONDENSER #1	38
39	B32 CONVECT OVEN		2,600		10	30	3					2,000			40
41				2,600				1	20	12			600	ELEC WATE[illegible]OLER	42
	SUBTOTAL	6,520	6,920	8,330							8,240	9,070	[illegible]	SUBTOTAL	

		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	14,760	COOLING		0	REFRIGERATION	[illegible]	1.00	
AMPS	123	HEATING	5,080	1.00	SIGN/DISPLAY		1.25	
TOTAL PHASE B - VA	15,990	LIGHTING		1.25	KITCHEN	[illegible],800	1.00	
AMPS	133	RECEPTACLES		1.0/.5	EXISTING		[illegible]	
TOTAL PHASE C - VA	17,240	MOTORS	330	1.00	LARGE MOTOR		[illegible]	TOTAL DEMAND
AMPS	144	SUPP HEAT		1.00	SHOW WINDOW		[illegible]	47,090 VA
TOTAL PNLBD - VA	47,990	MISC EQUIP	8,630	1.00	LTG TRACK		1.00	133 A
AMPS	133							

PANELBOARD NOTES
FED FROM:MDP
(1) - HACR RATED BREAKER

PANELBOARD: LPA

BUS AMPS: 225A — MAIN SIZE/TYPE: MLO — VOLTS/PHASE: 208Y/120V, 3PH, 4W — SECTION: 1
FAULT CURRENT: REFER TO ONE-LINE DIAGRAM — AIC RATING: 22000 FULLY RATED — SERVES: FIRST FLOOR — MOUNTING: SURFACE — LOCATION: ELECTRICAL ROOM — EQUIPMENT GROUND BUS

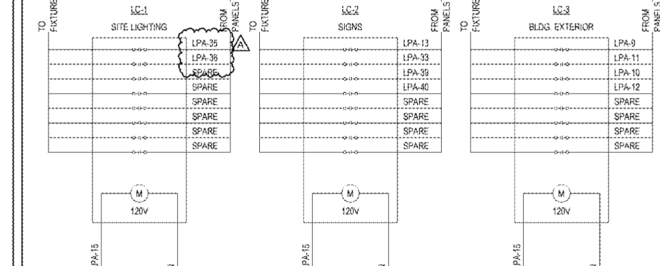
CKT NO.	DESCRIPTION	A	B	C	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	C	DESCRIPTION	CKT NO.
1	RETAIL AREA LIGHTS	1,668				20	1	1	20	12	1,553			RETAIL AREA LIGHTS	2
3	WALL WASH		398			20		1	20	12		1,308		RESTROOM/OFFICE LIGHTS	4
5	COOLER/FREEZER LIGHTS			434		20		1	20					SPARE	6
7	INTERIOR WAWA SIGN	200				20	1	1	20					SPARE	8
9	VEST/TOWER LIGHTS		340			20	1	1	20	12		1,262		BUILDING CANOPY LIGHTS	10
11	REAR EXTERIOR LIGHTS				12	20	1	1	20				630	BUILDING CANOPY LIGHTS	12
13	FASCIA EXTRIOR SIGN	800			12	20	1	1	20	12	750			EXPRESS CASE LIGHTS	14
15	LIGHTING CONTACTOR CO[illegible] (1)		50[illegible]		12	20		1	20	12		180		REACHIN FREEZER LIGHTS	16
17	WALKIN FRIDG LIGHTS			790	12		1	1	20	12			130	ROOF LIGHTS	18
19	GAS CANOPY LIGHTS	1,200			CE1	20	2	1	20	12	250			CIGARETTE DISPLAY LIGHTS	20
21			1,200					2	20	CE1		1,200		GAS CANOPY LIGHTS	22
23	GAS CANOPY LIGHTS			1,200	CE1	20	2						1,200		24
25		1,200						1			1,200			FUTURE BUILDING SIGNS	26
27	GAS CANOPY LIGHTS		1,200		CE1	20	2	1				1,200		FUTURE BUILDING SIGNS	28
29				1,200				1	20					SPARE	30
31	SPARE					20	1	1						SPACE	32
33	LIGHTING REAR SIGN		600		12	20	1	1						SPACE	34
35	SITE LIGHTING			1,600	8	30	1	1	30	8			1,600	SITE LIGHTING	36
37	PRIMARY PRICE SIGN DIGITS	960			8	20	1	1	20	8	960			SECONDRY PRICE SIGN DIGITS	38
39	PRIMARY PYLON/MONMT LGTS		1,000		8	20	1	1	20	8		1,000		SECNDRY PYLON/MONMT LGTS	40
41	PRIMARY PYLON/MONMT RCPT			900	8	20	1	1	20	8			900	SECNDRY PYLON/MONMT RCPT	42
	SUBTOTAL	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	SUBTOTAL	

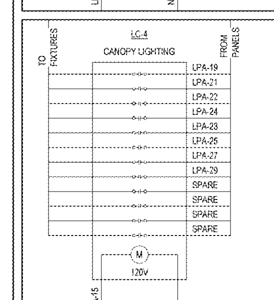
		LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
TOTAL PHASE A - VA	10,721	COOLING		1.00	REFRIGERATION		1.00	
AMPS	89	HEATING		0	SIGN/DISPLAY		1.25	
TOTAL PHASE B - VA	11,588	LIGHTING	31,693	1.25	KITCHEN		1.00	
AMPS	97	RECEPTACLES	900	1.0/.5	EXISTING		1.00	
TOTAL PHASE C - VA	10,784	MOTORS		1.00	LARGE MOTOR		1.25	TOTAL DEMAND
AMPS	90	SUPP HEAT		1.00	SHOW WINDOW		1.25	41,018 VA
TOTAL PNLBD - VA	33,093	MISC EQUIP	500	1.00	LTG TRACK		1.00	114 A
AMPS	92							

PANELBOARD NOTES
FED FROM: MDP
(1) LOCKED BREAKER
CE1 = SEE SHEET CE1 FOR WIRE/CONDUIT SIZES

BUILDING ELECTRICAL SERVICE LOAD SUMMARY

BUILDING OCCUPANCY TYPE:	M	SERVICE DESCRIPTION:		
BUILDING SQUARE FOOTAGE:	5,600	208Y/120V, 3PH		
LOAD DESCRIPTION		Connected KVA	Demand FACTOR	Demand KVA
HVAC - SUMMER		50.79	100%	50.79
HVAC - WINTER		20.08	100%	0.00
LIGHTING (PER NEC-220)		16.80	125%	21.00
RECEPTACLES		9.36	100%;50%	9.36
KITCHEN EQUIPMENT		87.83	65%	57.09
MOTOR LOADS		27.96	100%	27.96
LARGEST MOTOR LOAD		0.00	125%	0.00
SUPPLEMENTAL ELECTRIC HEAT		3.00	100%	3.00
MISCELLANEOUS EQUIPMENT		84.58	100%	84.58
REFRIGERATION EQUIPMENT		33.97	100%	33.97
DISPLAY CASE/SIGNAGE		0.00	125%	0.00
SHOW WINDOW / TRACK LIGHTING		0.00	PER NEC	0.00
EXTERIOR LIGHTING		23.21	125%	29.02
TOTAL LOAD		357.56	KVA	316.76
TOTAL AMPACITY		992.53	AMPS	879.23
SERVICE AMPACITY		1200	AMPS	1200.00
SPARE CAPACITY			AMPS	321





SEE NOTE #6 OF DETAIL #2 ON SHEET E7 FOR MORE INFORMATION ON CIRCUITING OF THE SITE MONUMENT SIGNS

LIGHTING CONTACTOR NOTES

LIGHTING CONTACTORS SHALL BE SQUARE D CATALOG NUMBER 8903LO80V02. (8903LO1200V02 FOR LC-4) PROVIDED AS PART OF THE CD CONTROLS ELECTRICAL PACKAGE.

LIGHTING CONTACTORS SHALL BE CONTROLLED THROUGH THE BAS SYSTEM PHOTOCELL.

1 / E5 — ELECTRICAL PANEL SCHEDULES
NOT TO SCALE

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CLIENT NAME
WAWA
260 WEST BALTIMORE PIKE
WAWA, PENNSYLVANIA 19063

PROJECT NAME
WAWA F85FB 2019.01 STORE #5357-DOR
NW 87TH AVE. & NW 33RD ST.
DORAL, FLORIDA

SHEET TITLE
ELECTRICAL PANELS

Revision Schedule		
No.	Description	Date
	PERMIT SET	08/03/2018
	PRE-BID REVIEW SET	04/17/2019
A	REV 2019.01	05/09/2019
	BID SET	05/09/2019

PROJECT NO. 2171008
DATE 08-03-2018
DRAWN MLB
CHECKED JPM

E5

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