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									12,191				8
9	RTU-3 (1)		5,884		8	50	3	3	225	OL		11,588		LPA	10
11				5,884									7,784		12
13		10,963									14,780				14
15	MASTER BILT UNIT (1)		10,963		2	100	3	3	225	OL		15,990		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		13,716									4,500				26
27	RPC		14,705		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	63,317	70,211	66,726							51,204	52,461	42,867	SUBTOTAL	

TOTAL PHASE A - VA	114,521	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	954	COOLING	50,793	1.00	REFRIGERATION	33,965	1.00	
TOTAL PHASE B - VA	122,672	HEATING	20,080	0	SIGN/DISPLAY		1.25	
AMPS	1022	LIGHTING	30,165	1.25	KITCHEN	87,830	0.65	
TOTAL PHASE C - VA	109,593	RECEPTACLES	8,420	1.0/.5	EXISTING		1.00	
AMPS	913	MOTORS	27,956	1.00	LARGE MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	346,786	SUPP HEAT	3,000	1.00	SHOW WINDOW		1.25	303,506 VA
AMPS	963	MISC EQUIP	84,579	1.00	LTG TRACK		1.00	842 A

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

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 BLNDR	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	

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

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

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			680	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 EXP CASE DANFOSS	550			12	20	1	1	20	12	720			C17 DROP FRIDGE 2,3	20
21	C3 EXP CASE FANS		340		12	20	1					2,000			22
23	WATER BOOST PUMP			630	12	20	1	3	35	6			2,000	FOLLET ICE CONDENSER #2	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/ICEE	28
29	C27 FREESTYLE #2			640	12	20	1						2,500		30
31	C19.3 REACH IN FRZR CNT	600			12	20	1	1	20	12	720			C20 ICED COFFEE DIS[illegible]	32
33	C19.3 REACH IN FRZR MAIN		910		12	20	2	1	20	12		620		C27 FREESTYLE #1	34
35				910									2,000		36
37		2,600						3	35	6	2,000			FOLL[illegible]T ICE C[illegible]NSER #1	38
39	B32 CONVECT OVEN		2,600		10	30	3					[illegible]			40
41				2,600				1	20	12			600	E[illegible] WATER [illegible]	42
	SUBTOTAL	6,520	6,920	6,330							[illegible]	9,070	[illegible]	[illegible]	

TOTAL PHASE A - VA	14,760	LOAD	CONN. VA	DF	[illegible]	[illegible]ONN. VA	[illegible]	
AMPS	123	COOLING		0	[illegible]GERATION	[illegible]4,650	[illegible]	
TOTAL PHASE B - VA	15,990	HEATING	5,080	1.00	[illegible]ISPLAY		[illegible]	
AMPS	133	LIGHTING		1.25	KI[illegible]	[illegible]6,800	1.0[illegible]	
TOTAL PHASE C - VA	17,240	RECEPTACLES		1.0/.5	EXIS[illegible]		1.00	
AMPS	144	MOTORS	830	1.00	LARG[illegible]		1.25	[illegible]OTAL DEMAND
TOTAL PNLBD - VA	47,990	SUPP HEAT		1.00	SHOW W[illegible]		1.25	47,990 VA
AMPS	133	MISC EQUIP	8,630	1.00	LTG TRAC[illegible]		1.00	133 A

PANELBOARD NOTES
FED FROM:MDP
(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	1,400			CANDY LGT,GNRL PRP RCPT,E-SAFE	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	20	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	1	20	12		1,000		REACH FRIDG, BROOM RECPT	16
17	FREESTYLE BOOST PUMP			800	12	20	1	1	20	12			500	PRICE CHANGE MOTOR	18
19	D5 SONOZAIRE	130			12	20	1	1	20	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					SPARE	28
29	HAND DRYER MEN'S			750	12	20	2	1	20	12			395	T-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			3,990					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							6,140	4,395	4,675	SUBTOTAL	

TOTAL PHASE A - VA	13,716	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	114	COOLING		1.00	REFRIGERATION	1,940	1.00	
TOTAL PHASE B - VA	14,705	HEATING		0	SIGN/DISPLAY		1.25	
AMPS	123	LIGHTING		1.25	KITCHEN		1.00	
TOTAL PHASE C - VA	10,885	RECEPTACLES	7,520	1.0/.5	EXISTING		1.00	
AMPS	91	MOTORS	11,426	1.00	LARGE MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	39,306	SUPP HEAT	3,000	1.00	SHOW WINDOW		1.25	39,306 VA
AMPS	109	MISC EQUIP	15,420	1.00	LTG TRACK		1.00	109 A

PANELBOARD NOTES
FED FROM: MDP
OL= REFER ONE LINE DIAGRAM ON SHEET E7
(1) - LOCKED 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			600								600		20
21	FUEL DISPENSERS #7 & #8	600		CE1	20	2	2	20	CE1	600		FUEL DISPENSERS #15 & #16	22
23			600								600		24
25	SPARE				20	2	2	20				SPARE	26
27													28
29	SPACE					1	1					SPACE	30
	SUBTOTAL	3,760	3,400							2,600	2,690	SUBTOTAL	

TOTAL PHASE A - VA	6,360	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	53	COOLING		1.00	REFRIGERATION		1.00	
TOTAL PHASE B - VA	6,090	HEATING		0	DISPLAY CASE		1.25	
AMPS	51	LIGHTING		1.25	KITCHEN		1.00	
TOTAL PNLBD - VA	12,450	RECEPTACLES		1.0/.5	EXISTING		1.00	
AMPS	52	MOTORS		1.00	LARGE MOTOR		1.25	TOTAL DE[illegible]
		SUPP HEAT		1.00	SHOW WINDOW		1.2[illegible]	[illegible]
		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

FEE[illegible] CO[illegible]ECTION: #4/[illegible]
LTG TRAC[illegible]CK LENGTH
SIGN/DISPLAY - SIGNAGE &[illegible]PLAY CASE

PANELBOARD: LPA

BUS AMPS: 225A
MAIN SIZE/TYPE: MLO
VOLTS/PHASE: 208Y/120V, 3PH, 4W
SECTION: 1

FAU[illegible]ENT: REFER[illegible]AM
AIC RA[illegible] 22000 F[illegible]LY RAT[illegible]
SERVES: FI[illegible]OR
MOUNTING: SU[illegible]
LOCATION: ELECTR[illegible]

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	1,868			12	20	1	1	20	12	1,553			RETAIL AREA LIGHTS	2
3	WALL WASH		[illegible]8		12	20	1	1	20	12		1,308		RESTROOM/OFFICE LIGHTS	4
5	COOLER/FREEZER LIG[illegible]S			434	12	20	1	1	20					SPARE	6
7	SPARE					20	1	1	20					SPARE	8
9	VEST/TOWER LIGHTS		[illegible]		12	20	1	1	20	12		1,282		BUILDING CANOPY LIGHTS	10
11	REAR EXTERIOR LIG[illegible]S			200	12	20	1	1	20				630	BUILDING CANOPY LIGHTS	12
13	FASIA EXTRIOR SIG[illegible]	[illegible]600			12	20	1	1	20	12	790			EXPRESS CASE LIGHTS	14
15	LIGHTING CONTACT[illegible] COIL (1)		[illegible]		12	20	1	1	20	12		180		REACHIN FREEZER LIGHTS	16
17	WALKIN FRIDG LIGHT[illegible]			[illegible]	12	20	1	1	20	12			130	ROOF LIGHTS	18
19	GAS CANOPY LIGHTS	[illegible]00			CE1	20	2	1	20	12	200			CIGARETTE DISPLAY LIGHTS	20
21			[illegible]200					2	20	CE1		1,200		GAS CANOPY LIGHTS	22
23	GAS CANOPY LIGHTS			1,200	[illegible]	20	2						1,200		24
25		1,200						1			1,200			FUTURE BUILDING SIGNS	26
27	G[illegible]S CANOPY LIGHTS		1,200		CE1	20	2	1				1,200		FUTURE BUILDING SIGNS	28
29				[illegible]200				1	20					SPARE	30
31	[illegible]TYLE DISPLAY LIGHTS	360			12	20	1	1						SPACE	32
33	[illegible]EAR SIGN		600		12	20	1	1						SPACE	34
35	INTERI[illegible]AWA SIGN			200	12	20	1	1						SPACE	36
37	SITE LIG[illegible]	1,600			8	30	1	1	30	8	1,600			SITE LIGHTING	38
39	STREET[illegible]GN LIGHTS		1,000		8	20	1	1	20	8		1,000		STREET SIGN LIGHTS	40
41	[illegible]T SIGN RECPT			900	8	20	1	1	20	8			900	STREET SIGN RECEPTACLE	42
	SUBTOTAL	6,658	5,436	4,924							5,333	6,150	2,860	SUBTOTAL	

TOTAL PHASE A - VA	12,191	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	102	COOLING		1.00	REFRIGERATION		1.00	
TOTAL PHASE B - VA	11,588	HEATING		0	SIGN/DISPLAY		1.25	
AMPS	97	LIGHTING	30,183	1.25	KITCHEN		1.00	
TOTAL PHASE C - VA	7,784	RECEPTACLES	900	1.0/.5	EXISTING		1.00	
AMPS	65	MOTORS		1.00	LARGE MOTOR		1.25	TOTAL DEMAND
TOTAL PNLBD - VA	31,563	SUPP HEAT		1.00	SHOW WINDOW		1.25	39,104 VA
AMPS	88	MISC EQUIP	500	1.00	LTG TRACK		1.00	109 A

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

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

A

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	B29 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	

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

PANELBOARD NOTES
FED FROM: MDP

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									[illegible]			SUBMERSIBLE [illegible] #2	2
3	VIA F.E. PETRO CONTROLLER		900		8	20	[illegible]	[illegible]	20	8		900		VIA F.E. PETRO [illegible]LLER	4
5				900									900		6
7	SUBMERSIBLE PUMP #3	900									900			[illegible]MERSIBLE PUMP #4	8
9	VIA F.E. PETRO CONTROLLER		900		8	20	[illegible]	3	20	8		[illegible]		[illegible]E. PETRO CONTROLLER	10
11				900									900		12
13	SPACE										900			[illegible]UBMERSIBLE PUMP #5	14
15	SPACE						1	[illegible]	[illegible]0	8		[illegible]		VIA F.E. PETRO CONTROLLER	16
17	SPACE						1	1					900		18
	SUBTOTAL	[illegible]	[illegible]800	1,800							2,700	[illegible]700	2,700	SUBTOTAL	

TOTAL PHASE A - VA	4,500	LOAD	CONN. VA	DF	LOAD[illegible]	[illegible]CONN. VA	DF	
AMPS	38	COOLING		1.00	REFRIG[illegible]		1.00	
TOTAL PHASE B - VA	4,500	HEATING		0	SIGN/DIS[illegible]		1.25	
[illegible]S	38	LIGHTING		1.25	KITCHE[illegible]		1.00	
TOTAL PHA[illegible]A	4,500	RECEPTACLES		1.0/.5	[illegible]EXISTING		1.00	
A[illegible]S	38	MOTORS	[illegible]500	1.00	[illegible]ARGE MOTOR		1.25	TOTAL DEMAND
[illegible]OTAL PNLBD - [illegible]	13,500	SUPP HEAT		[illegible]	SHOW WINDOW		1.25	13,500 VA
AM[illegible]	37	MISC EQUIP		[illegible]00	LTG TRACK		1.00	37 A

[illegible]OARD NOTES
FED [illegible]MDP

[illegible]NELBOARD: RP[illegible]

BUS[illegible]
MAIN SI[illegible] 70A MCB
VOLTS/PHA[illegible]0/120V, 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
ISOLATED GROUND BUS

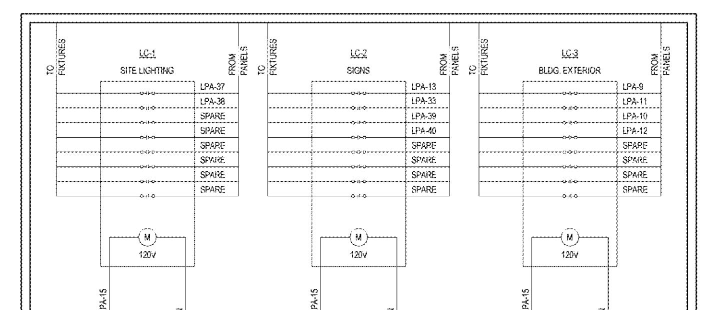
CKT NO.	DESCRIPTION	A	B	WIRE NO.	BKR AMP	P	P	BKR AMP	WIRE NO.	A	B	DESCRIPTION	CKT NO.
1	COMPT SERVER RECPT FOR PDU	500		10	30	1	1	20	12	480		CUSTOMER ORDER TERM #1	2
3	COMPT SERVER RECPT FOR PDU		500	10	30	1	1	20	12		480	CUSTOMER ORDER TERM #2	4
5	CASH REGISTER #1, #2	720		12	20	1	1	20	12	180		SECURITY 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				SPARE	10
11	OFFICE RECPTS		540		20	1	1	20	12		500	FIRE ALARM CONTROL PANEL	12
13	DELIVERY DOOR & CHIMES	360		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	360		COFFEE AREA KPS UNITS	18
	SUBTOTAL	2,060	2,010							1,520	1,880	SUBTOTAL	

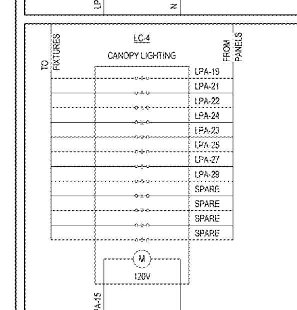
TOTAL PHASE A - VA	3,580	LOAD	CONN. VA	DF	LOAD	CONN. VA	DF	
AMPS	30	COOLING		1.00	REFRIGERATION		1.00	
TOTAL PHASE B - VA	3,890	HEATING		0	DISPLAY CASE		1.25	
AMPS	32	LIGHTING		1.25	KITCHEN		1.00	
TOTAL PNLBD - VA	7,470	RECEPTACLES	540	1.0/.5	EXISTING		1.00	
AMPS	31	MOTORS		1.00	LARGE MOTOR		1.25	TOTAL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

BUILDING ELECTRICAL SERVICE LOAD SUMMARY				
BUILDING OCCUPANCY TYPE:	M	SERVICE DESCRIPTION:		
BUILDING SQUARE FOOTAGE:	5,600	208Y/120V, 3PH		
LOAD DESCRIPTION		Connected	Demand	Demand
		KVA	FACTOR	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		8.42	100%;50%	8.42
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		21.49	125%	26.67
TOTAL LOAD		354.92	KVA	313.67
TOTAL AMPACITY		985.15	AMPS	870.65
SERVICE AMPACITY		1200	AMPS	1200.00
SPARE CAPACITY			AMPS	329





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 HILL PHOENIX ELECTRICAL PACKAGE.

LIGHTING CONTACTORS SHALL BE CONTROLLED THROUGH THE BAS SYSTEM PHOTOCELL.

1 / E5 ELECTRICAL PANEL SCHEDULES
NOT TO SCALE

Cuhaci & Peterson
Architects Engineers Planners
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CLIENT NAME
WAWA
260 WEST BALTIMORE PIKE
WAWA, PENNSYLVANIA 19063

PROJECT NAME
WAWA F85FB 2018.02 STORE #5292-TLR
U.S 17-92 & TAYLOR RD.
DELAND, FLORIDA 32720

SHEET TITLE
ELECTRICAL PANELS

Revision Schedule		
No.	Description	Date
	PERMIT SET	06/29/2018
A	REV 2018.02	02/06/2019
	PRE-BID REVIEW SET	02/06/2019
	BID SET	02/19/2019

PROJECT NO. 2170196
DATE 06-29-2018
DRAWN MLB
CHECKED JPM

E5

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