PANEL SFL

LOCATION: ELECTRICAL ROOM | SERVICE: STORE LIGHTING | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 25,000 A | PANEL TYPE: NQ | MAIN LUG ONLY: 225 A | BUS: 225 A
BOLT-IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT LT	NO	EQUIPMENT SERVED	P	TRIP	A	B	C	TRIP	P	EQUIPMENT SERVED	CKT NO	LT
A	1	REAR SPEED RLC LTS	<1>	3	20	1040			20	3	SALES FLOOR LTS	<1>	2	A
A	3	REAR SPEED RLC LTS	<2>	3	20		1040		20	3	SALES FLOOR LTS	<2>	4	A
A	5	SALES FLOOR LTS	<1>	3	20	1139			20	3	SALES FLOOR LTS	<3>	6	A
A	7	SALES FLOOR LTS	<2>	3	20		1139		20	3	SALES FLOOR LTS	<4>	8	A
A	9	SALES FLOOR LTS	<1>	3	20	1139			20	3	SALES FLOOR LTS	<5>	10	A
A	11	CHECKSTAND LTS	<1>	3	20		1139		20	3	SALES FLOOR LTS	<6>	12	A
A	13	CHECKSTAND LTS	<2>	3	20	468			20	3	PRODUCE/DELI SALES LTS	<1>	14	A
A	15	FRONT WALL WASH LTS	<1>	3	20		828		20	3	PRODUCE/DELI SALES LTS	<2>	16	A
A	17	FRONT WALL WASH LTS	<2>	3	20	722			20	3	PRODUCE/DELI SALES LTS	<3>	18	A
A	19	EXTERIOR LIGHTING	<3>	3	20	540			20	3	SALES FLOOR LTS	<3>	20	A
A	21	DELI SERVICE COUNTER LTS	<1>	3	20		703		20	3	SALES FLOOR LTS	<4>	22	A
A	23	DELI SERVICE COUNTER LTS	<2>	3	20	633			20	3	DELI BAKERY BOFF STRIP TRACK	<5>	24	A
A	25	VESTIBULE LTS	<3>	3	20		270		20	3	PRODUCE TRACK LTS	<4>	26	A
A	27	VESTIBULE LTS	<4>	3	20	270			20	3	PRODUCE TRACK LTS	<5>	28	A
A	29	AWF 4 (1/4 HP MOTOR)	<4>	3	20		1140		20	3	VESTIBULE ACCENT LTS	<6>	30	A
A	31	AWF 5 (1/3 HP MOTOR)	<5>	3	20	1140			20		SPACE ONLY		32	A
A	33	RECEIVING/STORAGE LTS	1	3	20		240						34	A
A	35	RECEIVING/STORAGE LTS	1	3	20			420					36	A
A	37	SPACE ONLY											38	A
A	39												40	A
A	41												42	A
		CONNECTED VA:	5650	7533	5825						DEMAND FACTOR:	1.00		
		TOTAL CONNECTED VA:	19008	AMPS:	77						TOTAL DEMAND AMPS:	89		

<1> VA 1/2 POLE CONTACTOR 15A 1 PER 50 SQ INCH 20 FOR DEMEAN ACUAFLEX CONTROL TYPE: EMS
<2> VA 1/2 POLE CONTACTOR 15A 2 PER 50 SQ INCH 40 FOR DEMEAN ACUAFLEX CONTROL TYPE: EMS
ALL BREAKERS TO BE

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	24630	1.25	30788
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	0	1.00	0
O	KITCHEN	0	0.65	0
E	MISC EQUIPMENT	0	1.00	0
F	RECEPTS (16 10 KVA)	0	1.00	0
	(Remaining Recpt @	0	0.50	0
	TOTAL DEMAND VA:	25812	1.24	32040

<3> VA 1 POLE CONTACTOR 15A 1 PER 50 SQ INCH 20 FOR DEMEAN ACUAFLEX CONTROL TYPE: EMS

PANEL A

LOCATION: PASSAGE 'A' | SERVES: REFRIGERATED SYSTEMS | MOUNT: FLUSH
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: NQ | MAIN LUG ONLY: 225 A | BUS: 225 A
BOLT-IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT LT	NO	EQUIPMENT SERVED	P	TRIP	A	B	C	TRIP	P	EQUIPMENT SERVED	CKT NO	LT
C	1	CASE RECEPTACLE	1k	1	20	180			1	FROZEN FOOD CASE 9A	<1>	B
C	3	FROZEN FOOD CASE 9A	<1>	1	20	918	540		1			
C	5						1620		1			
C	7					1134			1			
D1	9	FROZEN FOOD CASE 1A	SF	2	25	1622	1622		2	FROZEN FOOD CASE 10B	9	D
C	11						1622		2			
C	13	CASE RECEPTACLE	4	1	20		936		1	FROZEN FOOD CASE 9B	<1>	C
C	15	CASE RECEPTACLE	4	1	20	540			1	FROZEN FOOD CASE 9B	<1>	C
C	17	ICE CASE	4 C	<1>	1	20	1134	648	1			
C	19							1782	1			
C	21					180	756		2	CASE RECEPTACLE	8A	C
C	23	CASE RECEPTACLE	5A	1	20	1134			2	ICE CREAM CASE	11A	D
C	25	FROZEN FOOD CASE	5A	SF	2	25	1134	1134	2			
C	27						918	1134	2			
C	29					1350			2	ICE CREAM CASE	11B	C
C	31	FROZEN FOOD CASE	5A	C	<1>	1	20	918	1620	2		
C	33							918	1620	2		
C	35							1620	1620	2	ICE CREAM CASE	12A
D1	37	FROZEN FOOD CASE	10A	SF	2	25	1622	1622	2			
C	39					918	918		2			
C	41		C	<1>	1	20	540	918	2	ICE CREAM CASE	13B	C
C	43	FROZEN FOOD CASE	9A	C	<1>	1	20	918	1620	2		
D1	45		SF		2	25	1622	1622	2			
C	47						1620	1620	2	BAKERY FREEZER 15	15	C
C	49	FROZEN FOOD CASE	8B	SF	2	25	1620	1620	2			
C	51					1134	1458		2			
C	53		C	<1>	1	20	1134	918	2	BAKERY FREEZER 16	16	C
C	55	FROZEN FOOD CASE	7A	C	<1>	1	20	918	1215	2		
C	57					1458			2			
C	59						1215	1215	2			
C	61								2			
C	63								2			
		CONNECTED VA:	31296	27944	27940						DEMAND FACTOR:	0.42		
		TOTAL CONNECTED VA:	107200	AMPS:	298						TOTAL DEMAND AMPS:	125		

<4> INDICATES EQUIPMENT RATED 2 POLE BREAKER

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	40650	1.00	40650
C1	NON-CONDENTAL	81850		
O	KITCHEN	0	0.65	0
E	MISC EQUIPMENT	1000	1.00	1000
F	RECEPTS (16 10 KVA)	720	1.00	720
	(Remaining Recpt @	0	1.00	0
	TOTAL DEMAND VA:	137220	0.42	45420

<5> PROGRAMMED LIGHTING CONTROL VIA SHELL CASE CONTROLLER

PANEL B

LOCATION: PASSAGE 'A' | SERVES: REFRIGERATED SYSTEMS | MOUNT: FLUSH
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: NQ | MAIN LUG ONLY: 225 A | BUS: 225 A
BOLT-IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT LT	NO	EQUIPMENT SERVED	P	TRIP	A	B	C	TRIP	P	EQUIPMENT SERVED	CKT NO	LT
C	1		-	-	-	-	-	-	-	-	-	-
C	3		-	-	-	-	-	-	-	-	-	-
C	5		-	-	-	600	-	-	-	-	-	-
C	7		-	-	-	-	600	-	-	-	-	-
C	9		-	-	-	600	-	-	-	-	-	-
C	11		-	-	-	-	600	-	-	-	-	-
C	13		-	-	-	600	-	-	-	-	-	-
C	15		-	-	-	-	600	-	-	-	-	-
C	17		-	-	-	600	-	-	-	-	-	-
C	19		-	-	-	-	600	-	-	-	-	-
C	21		-	-	-	600	-	-	-	-	-	-
C	23		-	-	-	-	600	-	-	-	-	-
C	25		-	-	-	600	-	-	-	-	-	-
C	27		-	-	-	-	600	-	-	-	-	-
C	29		-	-	-	600	-	-	-	-	-	-
C	31		-	-	-	-	600	-	-	-	-	-
C	33		-	-	-	600	-	-	-	-	-	-
C	35		-	-	-	-	600	-	-	-	-	-
C	37		-	-	-	600	-	-	-	-	-	-
C	39		-	-	-	-	600	-	-	-	-	-
C	41		-	-	-	600	-	-	-	-	-	-
C	43		-	-	-	-	600	-	-	-	-	-
C	45		-	-	-	600	-	-	-	-	-	-
C	47		-	-	-	-	600	-	-	-	-	-
C	49		-	-	-	600	-	-	-	-	-	-
C	51		-	-	-	-	600	-	-	-	-	-
C	53		-	-	-	600	-	-	-	-	-	-
C	55		-	-	-	-	600	-	-	-	-	-
C	57		-	-	-	600	-	-	-	-	-	-
C	59		-	-	-	-	600	-	-	-	-	-
C	61		-	-	-	600	-	-	-	-	-	-
C	63		-	-	-	-	600	-	-	-	-	-
		CONNECTED VA:	1054	1054	1054						DEMAND FACTOR:	1.00		
		TOTAL CONNECTED VA:	3162	AMPS:	9						TOTAL DEMAND AMPS:	9		

<4> INDICATES EQUIPMENT RATED 2 POLE BREAKER

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	3162	1.00	3162
O	KITCHEN	0	0.65	0
E	MISC EQUIPMENT	0	1.00	0
F	RECEPTS (16 10 KVA)	0	1.00	0
	(Remaining Recpt @	0	0.50	0
	TOTAL DEMAND VA:	3162	1.00	3162

<5> PROGRAMMED LIGHTING CONTROL VIA SHELL CASE CONTROLLER

PANEL C

LOCATION: PRODUCE WORK ROOM | SERVICE: REFRIGERATED SYSTEMS | MOUNT: FLUSH
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: NQ | MAIN LUG ONLY: 100 A | BUS: 100 A
BOLT-IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT LT	NO	EQUIPMENT SERVED	P	TRIP	A	B	C	TRIP	P	EQUIPMENT SERVED	CKT NO	LT
C	1	DELI/BAKED CASE	45A	<1>	1	70	132					
C	3	DELI/BAKED CASE	45A	<1>	1	70		132				
C	5	DELI/BAKED CASE	45C	<1>	1	70	132		1	PROD CLR (UNPREP)	4D	3
C	7	DELI/BAKED CASE	45C	<1>	1	70		132				
C	9	DELI/BAKED CASE	45E	<1>	1	70	132		1	PROD CLR PREP	4A	<1>
C	11	DELI/BAKED CASE	45E	<1>	1	70		132				
C	13	DELI/BAKED CASE	45A	<1>	1	70	132		1	PROD CLR (PREP)	4C	14
C	15	DELI/BAKED CASE	45A	<1>	1	70		132				
C	17	DELI/BAKED CASE	45B	<1>	1	70	132		1	PROD CLR (PREP)	42	18
C	19	DELI/BAKED CASE	45B	<1>	1	70		132				
C	21	DELI/BAKED CASE	45D	<1>	1	70	132		1	PROD CLR (PREP)	4E	22
C	23	DELI/BAKED CASE	45D	<1>	1	70		132				
C	25	DELI/BAKED CASE	45F	<1>	1	70	132		1	PROD CLR (PREP)	42	26
C	27	DELI/BAKED CASE	45F	<1>	1	70		132				
C	29	DELI/BAKED CASE	45G	<1>	1	70	132		1	PROD CLR (PREP)	42	30
C	31	DELI/BAKED CASE	45G	<1>	1	70		132				
C	33	DELI/BAKED CASE	45H	<1>	1	70	132		1	PROD CLR (PREP)	42	34
C	35	DELI/BAKED CASE	45H	<1>	1	70		132				
C	37	DELI/BAKED CASE	45I	<1>	1	70	132		1	PROD CLR (PREP)	42	38
C	39	DELI/BAKED CASE	45I	<1>	1	70		132				
C	41	DELI/BAKED CASE	45J	<1>	1	70	132		1	PROD CLR (PREP)	42	42
C	43	DELI/BAKED CASE	45J	<1>	1	70		132				
C	45	DELI/BAKED CASE	45K	<1>	1	70	132		1	PROD CLR (PREP)	42	46
C	47	DELI/BAKED CASE	45K	<1>	1	70		132				
C	49	DELI/BAKED CASE	45L	<1>	1	70	132		1	PROD CLR (PREP)	42	50
C	51	DELI/BAKED CASE	45L	<1>	1	70		132				
C	53	DELI/BAKED CASE	45M	<1>	1	70	132		1	PROD CLR (PREP)	42	54
C	55	DELI/BAKED CASE	45M	<1>	1	70		132				
C	57	DELI/BAKED CASE	45N	<1>	1	70	132		1	PROD CLR (PREP)	42	58
C	59	DELI/BAKED CASE	45N	<1>	1	70		132				
C	61	DELI/BAKED CASE	45O	<1>	1	70	132		1	PROD CLR (PREP)	42	62
C	63	DELI/BAKED CASE	45O	<1>	1	70		132				
		CONNECTED VA:	9450	9150	8700						DEMAND FACTOR:	1.00		
		TOTAL CONNECTED VA:	27300	AMPS:	76						TOTAL DEMAND AMPS:	76		

<4> INDICATES GFI BREAKER REQUIRED

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	27300	1.00	27300
O	KITCHEN	0	0.65	0
E	MISC EQUIPMENT	0	1.00	0
F	RECEPTS (16 10 KVA)	0	1.00	0
	(Remaining Recpt @	0	0.50	0
	TOTAL DEMAND VA:	27300	1.00	27300

<5> 1/4 POLE CONTACTOR 1P PER 50 SQ INCH 20 FOR DEMEAN ACUAFLEX CONTROL TYPE: EMS

PANEL D

LOCATION: ELECTRICAL ROOM | SERVICE: GROUNDS/TERRACE | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 25,000 A | PANEL TYPE: NQ | MAIN LUG ONLY: 225 A | BUS: 225 A
BOLT-IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT LT	NO	EQUIPMENT SERVED	P	TRIP	A	B	C	TRIP	P	EQUIPMENT SERVED	CKT NO	LT
E	1	FLOOR SCRUBBER	1	20	500							
E	3	FLOOR SCRUBBER	1	20	1899	900		60	3	BALER 5 HP (3300#)	2	E
E	5	RESTROOM AUTO FAUCETS	1	20		1899	30				4	
A	7	DOCK LTS	1	20	34		1899				6	
E	9	RECEPT 3 SGL/DBL 2HP	1	20		180				SPACE ONLY	8	
E	11	SODA CLEANER	1	20	1248						10	
E	13	SF RECEPT	1	20		900					12	
E	15	MCR MAKEUP AIR 10 (5 HP)	1	20	1899			30	1	COMPACTOR DOOR FAN	14	E
E	17	SODA RECEPTS	1	20		540	180	30	1	DEPARTMENT MOPS RECEPT	16	E
E	19	SODA REFRIGERATOR	<2>	1	20	600		30	1	DEPARTMENT MOPS PWR TOR	18	E
E	21	GENERATOR JACKET HEATER	1	20	540	1350		30	1	RECEPT, 3 SGL/DBL 2HP	20	E
E	23	AIR HANDLER MON RECEPT	1	20			1350	30	1	ROOF TOP RECEPT	22	E
A	25	SPARE LTS	1	20	31		1350	20	2	WALKAT HEATER (thru)	<1>	A
	27	SPACE ONLY			2500						<1>	A
	29									SPACE ONLY		
	31											
	33											
	35											
	37											
	39											
	41											
		CONNECTED VA:	5540	5491	5251						DEMAND FACTOR:	1.00		
		TOTAL CONNECTED VA:	16282	AMPS:	74						TOTAL DEMAND AMPS:	74		

<4> INDICATES GFI BREAKER REQUIRED

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	0	1.00	0
O	KITCHEN	0	0.65	0
E	MISC EQUIPMENT	16282	1.00	16282
F	RECEPTS (16 10 KVA)	0	1.00	0
	(Remaining Recpt @	0	0.50	0
	TOTAL DEMAND VA:	16282	1.00	16282

<5> VA 1 POLE CONTACTOR 1P PER 50 SQ INCH 20 FOR DEMEAN ACUAFLEX CONTROL TYPE: EMS

PANEL E

LOCATION: ELECTRICAL ROOM | SERVICE: COMPUTER EQUIPMENT | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 25,000 A | PANEL TYPE: NQ | MAIN LUG ONLY: 225 A | BUS: 225 A
BOLT-IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS & GL BUS | FEED THRU LUGS

CKT LT	NO	EQUIPMENT SERVED	P	TRIP	A	B	C	TRIP	P	EQUIPMENT SERVED	CKT NO	LT
E	1	CLOCK LEVELER #1	1	20	1248							
A	3	DEPARTMENT MOPS RECEPT	1	20	180	360		20	1	EMS 5/	2	E
E	5	BAKERY WORK STATION	<2>	20	1	80	360	20	1	EMS CLOCK (RECEIVING)	4	E
E	7	ELEVATOR	1	20	1248			20	1	SPACE ONLY	6	E
E	9	GROCERY RECEIVING DSD	1	20	1	180		20	1	EMS X/	8	E
E	11	EMS 5 - HUB CABINET	1	20	360		1248	20	1	EMS C/	10	E
E	13	DELI P.O.S DOE/PRINTERS	<2>	1	20	720		20	2	AUTO WRAPPER (MT 850)	<3>	E
E	15	DELI SCALES	<3>	1	20	240					<3>	14
E	17	LIFT HOLDER STATION	1	20			1248			SHUNT-TRIP COIL SPACE)		16
E	19	EXSP RECEPTACLE	1	20	180		1080	20	1	WEATHERHOOD SCALES	<3>	E
E	21	EXSP RECEPTACLE	1	20	1080	180		20	1	COMPACTOR (CMP)		20
	23	SPACE ONLY				2628						22
	25						1080					24
	27									SPACE ONLY		26
	29											28
	31						1080					30
E	33	SURGE SUPPRESSOR RECEPT.	1	20	180							32
E	35	SURGE SUPPRESSOR	3	40		2268						34
	37				2268			60	3	PANEL 'SGP'		36
	39						1080					38
	41											40
		CONNECTED VA:	5040	7154	5508						DEMAND FACTOR:	1.00		
		TOTAL CONNECTED VA:	24702	AMPS:	69						TOTAL DEMAND AMPS:	69		

<4> INDICATES GFI BREAKER REQUIRED
<5> INDICATES SHUNT TRIP BREAKER REQUIRED. ROUTE CIRCUIT VIA GROUND FAULT SENSOR WITH ALG RELAY. ME TECHNOLOGIES #ALG-1001-120-D604-PR TO BE 5 MA. LOCATE IN COMMON ENCLOSURE ABOVE PANEL. GF RELAY CONTROLS SHUNT TRIP BREAKER.

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	796	1.25	995
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	0	1.00	0
O	KITCHEN	3000	1.00	3000
E	MISC EQUIPMENT	1080	1.00	1080
F	RECEPTS (16 10 KVA)	1080	1.00	1080
	(Remaining Recpt @	0	0.50	0
	TOTAL DEMAND VA:	24657	1.00	24657

PROVIDE A METAL I.D. BUS IN ADDITION TO EQUIP. GROUND BUS

<6> INDICATES GFI BREAKER REQUIRED

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	6264	1.00	6264
O	KITCHEN	0	1.00	0
E	MISC EQUIPMENT	0	1.00	0
F	RECEPTS (16 10 KVA)	1080	1.00	1080
	(Remaining Recpt @	0	0.50	0
	TOTAL DEMAND VA:	7344	1.00	7344

PROVIDE A METAL I.D. BUS IN ADDITION TO EQUIP. GROUND BUS

PANEL EA

LOCATION: GENERAL OFFICE | SERVICE: COMPUTER EQUIPMENT | MOUNT: FLUSH
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: NQ | MAIN LUG ONLY: 225 A | BUS: 225 A
BOLT-IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND & GL BUS | FEED THRU LUGS

CKT LT	NO	EQUIPMENT SERVED	P	TRIP	A	B	C	TRIP	P	EQUIPMENT SERVED	CKT NO	LT
E	1	[CHECKOUT 14] TERMINAL	1	15	360			15	1	SELF CHECKOUT #14 TERMINAL	2	E
E	3	[CHECKOUT 13] TERMINAL	1	15	180	360		15	1	SELF CHECKOUT #13 TERMINAL	4	E
E	5	[CHECKOUT 12] TERMINAL	1	15	180	180		15	1	SELF CHECKOUT #12 TERMINAL	6	E
E	7	[CHECKOUT 11] TERMINAL	1	15	360			15	1	SELF CHECKOUT #11 TERMINAL	8	E
E	9	[CHECKOUT 10] TERMINAL	1	15	360	360		20	1	GENERAL OFFICE RECEPT	10	E
E	11	[CHECKOUT 9] TERMINAL	1	15	360	360		20	1	GENERAL OFFICE PRINTER	12	E
	13	SPACE ONLY				540	360	20	1	TRAINING ROOM RECEPT	14	E
	15						1080	20	1	TRAINING ROOM PRINTER	16	E
E	17	FLORAL SCALE	1	20	360			20	1	FIRE ALARM PS RECEPT.	<4>	E
E	19	DEN OFFICE COMPUTER RACK	1	20	360	540		20	1	CUST. SERVICE RECEPTS.	18	E
E	21	DEN OFFICE COMPUTER RACK	1	20	540		720	20	1	CUST. SERVICE RECEPTS.	20	E
E	23	DEN OFFICE COMPUTER RACK	1	20	720	2420		20	1	CUST. SERVICE RECEPTS.	22	E
E	25	DEN OFFICE COMPUTER RACK	1	20	2420		2420	20	1	EMS 15	24	E
E	27	TELECOMMUNICATIONS	1	20		2420		20	1	CPU MONITOR (DASH 8M)	26	E
E	29	TELECOMMUNICATIONS	1	20	2420		1080	20	1	PRINTER	28	E
E	31	TELECOMMUNICATIONS	1	20		1080		20	1	MANAGER'S OFFICE RECEPT	30	E
E	33	BURGLAR ALARM POWER SUPPLY	1	20	180	180		20	1	CCTV RECEPT	32	E
E	35	CONTACTOR EA1 CONTROL	1	20			180	20	1	MUSAK	34	E
E	37	FRONT UNDER CANOPY LTS	<1>	1	20	276		20	1	PHARMACY RECEPTACLES	36	E
E	39	FRONT CANOPY LTS	<2>	1	20		180	20	1	PHARMACY RECEPTACLES	38	E
E	41	A/W "PRESTO" SIGN	1	20	180	540		20	1	PHARMACY RECEPTACLES	40	E
E	43	A/W	1	20			180	20	1	PHARMACY RECEPTACLES	42	E
E	45	TIME CLOCK	1	20	180			20	1	PHARMACY RECEPTACLES	44	E
E	47	SURGE SUPPRESSOR RECEPT	1	20		720	180	20	1	PHARMACY REFRIGERATOR	46	E
E	49	SURGE SUPPRESSOR	3	40			720	20	1	PHARMACY REFRIGERATOR	48	E
	51									SPACE ONLY	50	
	53										52	
	55										54	
		CONNECTED VA:	9164	9660	7375						DEMAND FACTOR:	1.00		
		TOTAL CONNECTED VA:	26199	AMPS:	73						TOTAL DEMAND AMPS:	73		

<4> INDICATES GFI BREAKER REQUIRED
<5> INDICATES SHUNT TRIP BREAKER REQUIRED. ROUTE CIRCUIT VIA GROUND FAULT SENSOR WITH ALG RELAY. ME TECHNOLOGIES #ALG-1001-120-D604-PR TO BE 5 MA. LOCATE IN COMMON ENCLOSURE ABOVE PANEL. GF RELAY CONTROLS SHUNT TRIP BREAKER.

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	2280	1.00	2280
O	KITCHEN	5000	0.65	3250
E	MISC EQUIPMENT	6724	1.00	6724
F	RECEPTS (16 10 KVA)	2340	1.00	2340
	(Remaining Recpt @	0	0.50	0
	TOTAL DEMAND VA:	16344	0.70	11594

<6> VA 1 POLE CONTACTOR 1P PER 50 SQ INCH 20 FOR DEMEAN ACUAFLEX CONTROL TYPE: EMS

PANEL EM

LOCATION: ELECTRICAL ROOM | SERVICE: LEE SAFETY | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 25,000 A | PANEL TYPE: NQ | MAIN LUG ONLY: 125 A | BUS: 125 A
BOLT-IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT LT	NO	EQUIPMENT SERVED	P	TRIP	A	B	C	TRIP	P	EQUIPMENT SERVED	CKT NO	LT
A	1	SALES FLOOR LTS	<2>	1	20	1089			20	1	SALES FLOOR LTS	<2>	2	A
A	3	SALES FLOOR LTS	<1>	1	20		1188		20	1	CHECKSTAND LTS	<2>	4	A
A	5	DEPARTMENT OFFICE LTS	<2>	1	20	360			20	1	MECH. REFRIG. EMPLOYEE RM LTS	<2>	6	A
A	7	BEDDING STORAGE ELEC LTS	1	1	20		693		20	1	RELIEF/ASST MGRS PROD. LOUNGE LTS	<2>	8	A
A	9	PHARMACY/CLERK'S/STB/ALE LTS	1	1	20	693			20	1	EXTERIOR LTS	<1>	10	A
A	11	SPACE ONLY					540		20	1	EXIT LTS		12	A
	13					1080					SPACE ONLY		14	
	15						540			