PANEL H

LOCATION: DELI/BAKERY CORR | SERVES: REFRIG CASE | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 14,000 A | PANEL TYPE: S1 | MAIN LUG ONLY: 250 A | BUS: 250A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
		1	SPACE											
	C	3	PRODUCE CASE 35 F	1	15	200	110		15	1	F JUICE CASE 38	2	C	
	A	5	PRODUCE CASE 35 L	1	20		280	170	20	1	L JUICE CASE 38	4	A	
	A	7	PRODUCE CASE 36 L	1	20	280					SPACE	6		
	C	9	PRODUCE CASE 36 F	1	15	250	200		15	1	F DELI COUNTER 40	8	C	
	A	11	DELI CASE 39 L	1	20		440	90	20	1	L DELI COUNTER 40	10	A	
	C	13	DELI CASE 39 F	1	15	60		230	20	1	H DELI COUNTER 40	12	C	
	C	15	DELI CASE 39 H	1	20	30	90		15	1	F FLORAL CASE 33	14	C	
	C	17	BAKERY FREEZER 45 L1 39 H	1	15		30	270	20	1	F FLORAL CASE 66	16	C	
	C	19	FRZN BAKERY CASE 68 F	1	20	40		180	20	1	CASE RECPTACLE	18	F	
	A	21	FRZN BAKERY CASE 68 L	1	20	270	50		15	1	L BAKERY COOLER 44	20	A	
	C	23	FRZN BAKERY CASE 68 H	1	20		310	410	15	2	F PRODUCE COOLER 34	22	C	
	C	25	DELI COOLER 41 F	2	15	210		310	-	-	F 34	24	C	
	-	27	41 F	-	-	540	210		20	1	L PRODUCE COOLER 34	26	A	
	A	29	DELI COOLER 41 L	1	20		210	270	15	2	F DELI COOLER 42	28	C	
	A	31	BAKERY FREEZER 43 L	1	20	270		210	-	-	F 42	30	C	
	C	33	BAKERY COOLER 44 F	2	15	270	210		20	1	L DELI COOLER 42	32	A	
	-	35	44 F	-	-		310	210	15	1	F SALAD CASE 37	34	C	
	C	37	DELI ISLAND H-20 47 H	1	20	90		450	20	1	L SALAD CASE 37	36	A	
	C	39	DELI ISLAND H-17 47 F	1	20	1884	190		20	1	BOARS HEAD TWIST LOCK	38	E	11
	A	41	DELI ISLAND 47 L	1	20		156	130	15	1	BOARS HEAD OUTLET	40	E	11
								130	20	1	L DELI ISLAND 46	42	A	

CONNECTED VA: 4394 | 2796 | 3060 — DEMAND FACTOR: 1.09
TOTAL CONNECTED VA: 10250 AMPS: 28 — TOTAL DEMAND AMPS: 31

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	3640	1.25	4550
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	4390	1.00	4390
D	KITCHEN	0	0.90	0
E	MISC. EQUIPMENT	2040	1.00	2040
F	RECPTS (1st 10 KW)	180	1.00	180
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	10250	1.09	11160

PANEL J

LOCATION: DELI CORRIDOR | SERVES: DELI/BAKERY | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 42,000 A | PANEL TYPE: S 1 | MAIN LUG ONLY: 250 A | BUS: 250A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
6		1	SPARE	1	40									
6		3	SPARE	1	40				60	1	SPARE	2		6
6		5	SPARE	1	40				60	1	SPARE	4		6
6		7	SPARE	1	40				60	1	SPARE	6		6
6		9	SPARE	1	40				60	1	SPARE	8		6
6		11	SPARE	1	40				60	1	SPARE	10		6
6		13	SPARE	1	40				60	1	SPARE	12		6
6		15	SPARE	1	40				60	1	SPARE	14		6
	A	17	PRODUCE SIGNAGE LIGHTING	1	20			60	60	1	SPARE	16		6
	A	19	DELI & BAKERY SIGNAGE LIGHTING	1	20	110		260	15	1	F SANDWICH CASE 121	18	C	
		21	SPACE			90			20	1	L SANDWICH CASE 121	20	C	
		23									SPACE	22		
		25										24		
		27										26		
		29										28		
		31										30		
		33										32		
		35										34		
		37										36		
		39										38		
		41										40		
												42		

CONNECTED VA: 200 | 0 | 320 — DEMAND FACTOR: 1.08
TOTAL CONNECTED VA: 520 AMPS: 1 — TOTAL DEMAND AMPS: 2

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	170	1.25	213
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	350	1.00	350
D	KITCHEN	0	0.65	0
E	MISC. EQUIPMENT	0	1.00	0
F	RECPTS (1st 10 KW)	0	1.00	0
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	520	1.08	563

PANEL K

LOCATION: DELI/BAKERY CORR | SERVES: DELI | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: S1 | MAIN LUG ONLY: 250 A | BUS: 250A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
	A	1	LIGHTING	1	20	1920								
11	C	3	03UMA-4 CASE	1	20	180	1548		20	1	DELI APMG	2	F	9
9	F	5	DELI BEVERAGE CENTER	1	20		840	360	20	1	DELI/BAKERY OFFICE RECPT	4	F	
	F	7	RECEPTACLE	1	20	180		540	20	1	RECEPTACLE	6	F	
	F	9	RECEPTACLE	1	20	540	180		20	1	RECEPTACLE	8	F	
6	D	11	SPARE	2	20		1200		20	1	3-DOOR REFRIGATOR	10	E	
6	-	13		-	-			660	20	1	DELI SLICER	12	D	9
	A	15	DELI LIGHTING	1	20	660	840		20	1	DELI SLICER	14	D	9
	A	17	DELI LIGHTING	1	20		660	840	20	1	DELI SLICER	16	D	9
	A	19	DELI LIGHTING	1	20	840		1822	30	2	DELI HOT CASE (DP8HP60WD) <G>	18	D	2
3	D	21	DELI HOT CASE (GHSS476HRD) <G>	2	40	1822	2695		-	-		20	-	2
3	-	23		-	-		1200	2695	20	1	DELI SOUP BAR <G>	22	E	3
9	D	25	POPCORN MACHINE <G>	1	30	2400		5980	60	3	POT WASHER	24	D	
	A	27	BAKERY LIGHTING	1	20	5980	1050		-	-		26	-	
	A	29	BAKERY LIGHTING	1	20		5980	1050	-	-		28	-	
	A	31	BAKERY LIGHTING	1	20	1050		190	20	1	SHUNT TRIP	30	E	
	F	33	RECEPTACLE	1	20	790	800		20	3	DELI HOOD FAN F-5	32	E	9
	F	35	RECEPTACLE	1	20		790	360	-	-		34	-	9
	E	37	FANS F-6, 7 & 8	1	20	1180		790	-	-		36	-	9
3	D	39	DELI HOT CASE (GHSS476HRD) <G>	1	15	47	46		15	1	DELI HOT CASE (DP8HP60WD) <G>	38	D	3
2	C	41	BEVERAGE CENTER ICE M/C	1	20		240	1132	20	1	DELI INSCECT-O-CUTER	40	E	
								1920	20	1	DELI CORRIDOR LTNG	42	A	

CONNECTED VA: 17589 | 18069 | 18339 — DEMAND FACTOR: 0.84
TOTAL CONNECTED VA: 53997 AMPS: 150 — TOTAL DEMAND AMPS: 126

<G> PROVIDE GFCI BREAKER

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	9510	1.25	11888
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	2680	1.00	2680
D	KITCHEN	31447	0.65	20441
E	MISC. EQUIPMENT	6380	1.00	6380
F	RECPTS (1st 10 KW)	3980	1.00	3980
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	53997	0.84	45368

PANEL L

LOCATION: DELI CORR. | SERVES: DELI COOKING | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: S1 | MCB 225A <1> | BUS: 250A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS | 120 VOLT SHUNT TRIP

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
7,13	D	1	CHESTER FRYER (MGF-72)	3	80	6960								
7,13	-	3		-	-		6960		-	-	SHUNT TRIP	2	-	7,13
7,13	-	5		-	-		6960	6960	80	3	CHESTER FRYER (MGF-72)	4	D	7,13
7,13	D	7	SHUNT TRIP	-	-			6960	-	-		6	-	7,13
3,13	-	9	NEW FRYER	3	80	6960	6960		-	-		8	-	7,13
3,13	-	11		-	-			6960			SPACE	10	-	
3,13	D	13		-	-	6960					SPACE	12	-	
3,13	-	15	SHUNT TRIP	-	-				20	1	SPARE	14		6
		17	SPACE	-	-				20	1	SPARE	16		6
		19	SPACE						20	1	SPARE	18		6
6		21	SPARE	2	30				20	1	SPARE	20		6
6		23		-	-				20	1	SPARE	22		6
7	D	25	HEAT & HOLD <G>	2	40	3006			20	1	SPARE	24		6
7	-	27		-	-		3006		30	1	SPARE	26		6
		29	SPACE						30	1	SPARE	28		6
									20	1	SPARE	30		6

CONNECTED VA: 23886 | 23886 | 20880 — DEMAND FACTOR: 0.65
TOTAL CONNECTED VA: 68652 AMPS: 191 — TOTAL DEMAND AMPS: 124

<G> PROVIDE GFCI BREAKER

	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
D	KITCHEN	68652	0.65	44624
E	MISC. EQUIPMENT	0	1.00	0
F	RECPTS (1st 10 KW)	0	1.00	0
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	68652	0.65	44624

<1> SHUNT TRIP MAIN BREAKER UPON ACTION OF HOOD ANSUL SYSTEM
<2> SHUNT TRIP BRANCH BREAKERS NOTED UPON ACTUALATION OF GFI SENSOR

PANEL NEW L1

LOCATION: DELI COORIDOR | SERVES: DELI | MOUNT: FLUSH
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 22,000 A | PANEL TYPE: NQOD | MAIN BREAKER: 225 <1> | BUS: 225 A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS | SHUNT TRIP MAIN

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
	D	1	COMBI OVEN (CTP7-20E) <2>	3	60	6400								
	-	3		-	-		6400				SPACE ONLY	2		
	-	5		-	-			6400				4		
	-	7	SHUNT TRIP	-	-							6		
	D	9	COMBI OVEN (CTP7-20E) <2>	3	60		6400					8		
	-	11		-	-			6400				10		
	-	13		-	-	6400						12		
	-	15	SHUNT TRIP	-	-							14		
		17	SPACE ONLY									16		
		19										18		
		21										20		
		23										22		
		25										24		
		27										26		
		29										28		
		31										30		
		33										32		
		35										34		
		37										36		
		39										38		
		41										40		
												42		

CONNECTED VA: 12800 | 12800 | 12800 — DEMAND FACTOR: 0.65
TOTAL CONNECTED VA: 38400 AMPS: 107 — TOTAL DEMAND AMPS: 69

	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
D	KITCHEN	38400	0.65	24960
E	MISC. EQUIPMENT	0	1.00	0
F	RECPTS (1st 10 KW)	0	1.00	0
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	38400	0.65	24960

<1> SHUNT TRIP MAIN BREAKER UPON ACTION OF HOOD ANSUL SYSTEM
<2> SHUNT TRIP BRANCH BREAKERS NOTED UPON ACTUALATION OF GFI SENSOR

PANEL M

LOCATION: DELI CORR | SERVES: DELI | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 14,000 A | PANEL TYPE: S1 | MAIN LUG ONLY: 250 A | BUS: 250A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS | 120 VOLT SHUNT TRIP

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
		1	SPACE											
6		3	SHUNT TRIP	1	20						SPACE	2		
6		5	SPARE	3	50							4		
6		7		-	-							6		
6		9		-	-	540			20	1	RECEPTACLE	8	F	
9	D	11	ROUNDER	3	20		1470	1200	20	1	BAKERY FAN SF-1	10	E	
9	-	13		-	-	1200		1000	20	1	EDF	12	E	
9	-	15		-	-	540	1200		20	1	RECEPTACLE	14	F	
9	D	17	KEMPER SPIRAL MIXER	3	50		1230	2960	30	3	MIXER	16	D	9
9	-	19		-	-	2960		1230	-	-		18	-	9
9	-	21		-	-	1230	2960		-	-		20	-	9
3	D	23	DELI BLAST CHILLER	3	30		960	1920	20	3	CUTLER OVEN	22	D	
3	-	25		-	-	1920		960	-	-		24	-	
3	-	27		-	-	960	1920		-	-		26	-	
	D	29	BAKERY RACK OVEN	3	20		4440	530	60	3	BAKERY PROOF BOX	28	D	
	-	31		-	-	530		4440	-	-		30	-	
	-	33		-	-	4440	530		-	-		32	-	
	E	35	BAKERY OVEN CONTROLS F-10	1	20		1200	1570	20	1	BAKERY PROOF BOX CONTROLS	34	E	
	E	37	CUTLER OVEN CONTROLS	1	20	720		500	20	1	DELI HOOD CONTROLPANEL	36	E	9
	D	39	WATER CHILLER	1	20	360	30		20	1	PROOF BOX WATER SOFTENER	38	E	
	E	41	EDF	1	20		990	1000	30	2	WATER CHILLER	40	D	3
								990	-	-		42	-	3

CONNECTED VA: 15400 | 16930 | 18300 — DEMAND FACTOR: 0.71
TOTAL CONNECTED VA: 50630 AMPS: 141 — TOTAL DEMAND AMPS: 100

	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
D	KITCHEN	41730	0.65	27125
E	MISC. EQUIPMENT	7820	1.00	7820
F	RECPTS (1st 10 KW)	1080	1.00	1080
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	50630	0.71	36025

PANEL MA

LOCATION: DELI CORRIDOR | SERVES: BAKERY | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: S 1 | MAIN LUG ONLY: 125A | BUS: 225 A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
	E	1	DELI 4X4	1	20	1500								
		3	SPARE	1	20	80			20	1	BAKERY DISPLAY	2	F	7,9
		5	SPARE	1	20		80		20	1	BAKERY DISPLAY	4	F	7,9
	D	7	BAKERY MIXER	1	20	700		1170	20	1	BAKERY DISPLAY	6	F	7,9
	D	9	BAKERY REFRIGERATOR (MARBLE TOP)	1	20		1200		20	1	SPARE	8		
	D	11	BAKERY REFRIGERATOR (MARBLE TOP)	1	20		180	1200	20	1	RECEPTACLE	10	F	
	E	13	BAKERY BC 48	1	20	200		1220	20	1	BREAD SLICER	12	D	
7,9	D	15	SHEETER	1	20		1180		20	1	SPARE	14		
7,9	F	17	CORD REEL SEASONAL DISPLAY	1	20		180	1200	20	1	BAKERY CEILING MTD RECPT	16	F	
7,9	F	19	CORD REEL SEASONAL DISPLAY	1	20	1800		170	20	1	SHS2436	18	F	7,9
	D	21	GLAZE TABLE BUG LIGHT S-300	1	20	60	410		20	1	BAKERY SHS 60	20	F	7,9
11	E	23	EXISTING	3	20			1500			SPACE	22		
11	-	25		-	-	1500		2500	30	2	BAKERY CAKE CASE	24	C	11
11	-	27		-	-	2500	1500		-	-		26	-	11
11	F	29	CORD REEL SEASONAL DISPLAY	1	20		2500	1550	30	2	BAKERY CAKE CASE	28	C	11
		31	SPACE					2500	-	-		30	-	11
		33	SPACE								SPACE	32		
11	F	35	CORD REEL SEASONAL DISPLAY	1	20			1550			SPACE	34		
		37	SPACE					3006	40	2	DELI HEAT & HOLD <G>	36	D	5
5	D	39	DELI TURBO CHEF <G>	2	30	3006	2496		-	-		38	-	5
5	-	41		-	-		1000	2496	20	1	DELI WRAPPER <G>	40	D	5
								1920	20	1	DELI HOT CASE (GHS355H) <G>	42	D	5

CONNECTED VA: 11346 | 10726 | 21982 — DEMAND FACTOR: 1.00
TOTAL CONNECTED VA: 44054 AMPS: 122 — TOTAL DEMAND AMPS: 122

<G> PROVIDE GFCI BREAKER

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	10000	1.00	10000
D	KITCHEN	19834	1.00	19834
E	MISC. EQUIPMENT	6200	1.00	6200
F	RECPTS (1st 10 KW)	8020	1.00	8020
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	44054	1.00	44054

PANEL N

LOCATION: EMPLOYEE LOUNGE | SERVES: FRONT END | MOUNT: FLUSH
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: S1 | MAIN LUG ONLY: 250 A | BUS: 250 A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
	A	1	LOUNGE LTG	1	20	360								
		3	SPARE	1	20	850			20	1	CHECKOUT #2 & MERCH	2	F	9
9	F	5	CHECKOUT #1 & MERCH	1	20		850	850	20	1	CHECKOUT #3 & MERCH	4	F	9
		7	SPARE	1	20			850	20	1	CHECKOUT #4 & MERCH	6	F	9
9	F	9	CHECKOUT #5 & MERCH	1	20	850	850		20	1	SELF CHECKOUT #8A,B & C	8	F	9
9	F	11	CHECKOUT #6 & MERCH	1	20		180	850	20	1	PHARMACY RECPT	10	F	
9	F	13	SELF CHECKOUT #7A,B & C	1	20	850		720	20	1	PLUGMOLD WIREMOLD	12	F	
9	F	15	CHECKOUT #9	1	20	1620	360		20	1	PLUGMOLD WIREMOLD	14	F	
9	E	17	GDM-72 COOLER	1	20		1620	1440	20	1	PLUGMOLD WIREMOLD	16	F	
	E	19	COFFEE MAKER	1	20	1000		640	20	1	PHARMACY LIGHTING	18	A	
	E	21	COKE MACHINE	1	20	1920	1000		20	1	AQUA VEND	20	E	
	E	23	ELECTRIC WATER COOLER	1	20		180	1000	20	1	BP MACHINE (HIGI)	22	F	
	F	25	MANAGER OFFICE RECEPT	1	20	360		1920	20	1	EXISTING	24	E	
	F	27	MANAGER OFFICE RECEPT	1	20	540	540		20	1	RCPT	26	F	
	F	29	SERVICE RECPT ABOVE CEILING	1	20		540	1920	20	1	RCPT	28	F	
	F	31	OFFICE RECPT	1	20	720		1200	20	1	H/C/CART CHARGER	30	E	
	F	33	OFFICE RECPT	1	20	1000	720		20	1	COKE MACHINE	32	E	
	F	35	OFFICE RECPT	1	20		180	720	20	1	COMMON AREA FLR RECPT	34	F	
	F	37	ATM/OUTSIDE RECPT	1	20	720		1000	20	1	INSTACART COOLERS	36	E	
		39	SPARE	1	20	1000			20	1	INSTACART COOLERS	38	E	
	F	41	PHARMACY RECPT	1	20		1000	180	30	1	INSTACART COOLERS	40	E	
								180	20	1	INSTACART POS	42	F	

CONNECTED VA: 11790 | 8020 | 13470 — DEMAND FACTOR: 0.88
TOTAL CONNECTED VA: 33280 AMPS: 92 — TOTAL DEMAND AMPS: 81

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	1000	1.25	1250
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	0	1.00	0
D	KITCHEN	0	0.65	0
E	MISC. EQUIPMENT	13480	1.00	13480
F	RECPTS (1st 10 KW)	10000	1.00	10000
	(Remaining Recpt.s)	8800	0.50	4400
	TOTAL DEMAND VA:	33280	0.88	29130

PANEL Q

LOCATION: CORRIDOR #2 | SERVES: STORE FRONT | MOUNT: FLUSH
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: S 1 | MAIN LUG ONLY: 225 A | BUS: 225 A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS | FEED THRU LUGS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
	A	1	GONDOLA LIGHTING	1	20	1200								
	A	3	GONDOLA LIGHTING	1	20	1200	1200		20	1	GONDOLA LIGHTING	2	A	
	A	5	GONDOLA LIGHTING	1	20		1200	1200	20	1	GONDOLA LIGHTING	4	A	
	F	7	GONDOLA RECEPTACLE	1	20	900		1200	20	1	GONDOLA LIGHTING	6	A	
	F	9	GONDOLA RECEPTACLE	1	20		720		30	2	SPARE	8		
	F	11	GONDOLA RECEPTACLE	1	20			720	-	-	SPARE	10		
	E	13	END CAP REFRIG	2	30	1730		1730	30	2	END CAP REFRIG	12	E	
	-	15	END CAP REFRIG	-	-	1730	1730		-	-	END CAP REFRIG	14	-	
	E	17	END CAP REFRIG	2	30		1730	1730	30	2	END CAP REFRIG	16	E	
	-	19	END CAP REFRIG	-	-	1730		1730	-	-	END CAP REFRIG	18	-	
	E	21	END CAP REFRIG	2	30	960	1730		20	1	IN-LINE REFRIG CONTROLS	20	E	
	-	23	END CAP REFRIG	-	-		990	1730	30	2	IN-LINE REFRIG UNIT	22	E	
	E	25	IN-LINE REFRIG CONTROLS	1	20	960		990	-	-	IN-LINE REFRIG UNIT	24	-	
	E	27	IN-LINE REFRIG UNIT	2	20	960	990		20	1	IN-LINE REFRIG CONTROLS	26	E	
	-	29	IN-LINE REFRIG UNIT	-	-		990	990	20	2	IN-LINE REFRIG UNIT	28	E	
	E	31	IN-LINE REFRIG CONTROLS	1	20	960		990	-	-	IN-LINE REFRIG UNIT	30	-	
	E	33	IN-LINE REFRIG UNIT	2	20		990				SPACE	32		
	-	35	IN-LINE REFRIG UNIT	-	-			990			SPACE	34		
	E	37	END CAP REFRIG	2	30	1730					SPACE	36		
	-	39	END CAP REFRIG	-	-		1730				SPACE	38		
5	C	41	REFRIGERATED GONDOLA END CASE	1	20			1603			SPACE	40		
											SPACE	42		

CONNECTED VA: 14060 | 14000 | 15603 — DEMAND FACTOR: 1.04
TOTAL CONNECTED VA: 43663 AMPS: 121 — TOTAL DEMAND AMPS: 126

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	7200	1.25	9000
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	1603	1.00	1603
D	KITCHEN	0	1.00	0
E	MISC. EQUIPMENT	32520	1.00	32520
F	RECPTS (1st 10 KW)	2340	1.00	2340
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	43663	1.04	45463

PANEL R

LOCATION: CORRIDOR #2 | SERVES: GONDOLA SALES | MOUNT: FLUSH
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: S1 | MAIN LUG ONLY: 250 A | BUS: 250A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
	F	1	GONDOLA RECEPTACLE	1	20	900								
	F	3	GONDOLA RECEPTACLE	1	20	1730	900		30	2	END CAP REFRIG	2	E	
	F	5	GONDOLA RECEPTACLE	1	20		1730	720	-	-		4	-	
	E	7	END CAP REFRIG	2	30	1730		1730	30	2	END CAP REFRIG	6	E	
	-	9		-	-	1730	1730		-	-		8	-	
	E	11	END CAP REFRIG	2	30		1730	1730	30	2	END CAP REFRIG	10	E	
	-	13		-	-	1730		1730	-	-		12	-	
	E	15	END CAP REFRIG	2	30	960	1730		20	1	IN-LINE REFRIG CONTROLS	14	E	
	-	17		-	-		990	1730	20	2	INLINE REFRIG UNIT	16	E	
	E	19	END CAP REFRIG	2	30	1730		990	-	-		18	-	
	-	21		-	-	960	1730		20	1	IN-LINE REFRIG CONTROLS	20	E	
	E	23	IN-LINE REFRIG CONTROLS	1	20		990	960	20	2	IN-LINE REFRIG UNIT	22	E	
	E	25	IN-LINE REFRIG UNIT	2	20	990		990	-	-		24	-	
	-	27		-	-		990		20	1	SPARE	26		
	E	29	IN-LINE REFRIG CONTROLS	1	20			960			SPACE	28		
	E	31	IN-LINE REFRIG UNIT	2	20	990					SPACE	30		
	-	33		-	-		990				SPACE	32		
6		35	SPARE	2	20						SPACE	34		
6		37		-	-						SPACE	36		
		39									SPACE	38		
5	F	41	ROOF TOP RECEPT	1	20			180			SPACE	40		
											SPACE	42		

CONNECTED VA: 13450 | 13510 | 11720 — DEMAND FACTOR: 1.00
TOTAL CONNECTED VA: 38680 AMPS: 107 — TOTAL DEMAND AMPS: 107

	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
D	KITCHEN	0	1.00	0
E	MISC. EQUIPMENT	35980	1.00	35980
F	RECPTS (1st 10 KW)	2700	1.00	2700
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	38680	1.00	38680

PANEL T

LOCATION: EMPLOYEE LOUNGE | SERVES: EXTERIOR LIGHTING | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 10,000 A | PANEL TYPE: S1 | MAIN LUG ONLY: 125 A | BUS: 125 A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
	A	1	SIGN LETTERS "PUB"	1	20	1440								
	A	3	SIGNLETTERS "LIX"	1	20	960	1440		20	1	SIGN LETTERS "FOOD & P"	2	A	
	A	5	LETTERS "SUPER MARKET"	1	20		1040	1670	20	1	SIGN LETTERS "PHARMACY"	4	A	
	E	7	MEAT CASE	1	30	2880		1180	20	1	SIGN LETTERS "FLORAL"	6	A	
	F	9	RECEPTACLE	1	30	1380	180		20	1	CANOPY LIGHTING	8	A	
	F	11	RECEPTACLE	1	20		1840	180	20	1	CANOPY LIGHTING	10	A	
		13	SPARE	2	40			1660	20	2	CEILING MTD RECPT SALES	12	F	
		15	SPARE	-	-	1660			-	-		14	-	
		17	SPARE	2	40				20	2	SPARE	16		
		19	SPARE	-	-				-	-		18		
	E	21	LOTTO VENDING MACHINE	1	20		1000				SPACE	20		
6		23	SPARE	1	20						SPACE	22		
	E	25	WINE CASE (B427WN)	1	20	1810					SPACE	24		
	A	27	FROZEN FOOD SIGN TRACK LIGHTING	1	20		100				SPACE	26		
		29	SPACE								SPACE	28		
		31	SPACE								SPACE	30		
5	D	33	CENTRAL PICKUP HEAT & HOLD	2	15		728				SPACE	32		
5	-	35			-			728			SPACE	34		
5	D	37	CENTRAL PICKUP 2 DOOR REFRIG	1	20	696					SPACE	36		
5	C	39	CUST SERVICE BEVERAGE COOLER	1	20		240				SPACE	38		
5	D	41	CUST SERV OEO CASE	1	30			2483			SPACE	40		
											SPACE	42		

CONNECTED VA: 10826 | 6568 | 7901 — DEMAND FACTOR: 1.11
TOTAL CONNECTED VA: 25295 AMPS: 70 — TOTAL DEMAND AMPS: 78

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	11050	1.25	13813
B	AIR CONDITIONING	0	1.00	0
C	REFRIGERATION	240	1.00	240
D	KITCHEN	4635	1.00	4635
E	MISC. EQUIPMENT	5690	1.00	5690
F	RECPTS (1st 10 KW)	3680	1.00	3680
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	25295	1.11	28058

PANEL MC1

LOCATION: MOTOR CENTER | SERVES: MOTOR CTR & ACSs | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 100,000 A | PANEL TYPE: I-LINE | MAIN LUG ONLY: 1200 A | BUS: 1200 A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
5	B	1	MAU-1	3	110	12876								
5	-	3		-	-		12876				SPACE ONLY	2		
5	-	5		-	-			12876				4		
		7	SPACE ONLY									6		
	E	9	EXHAUST FAN	2	20		600					8		
	-	11		-	-			600				10		
	B	13	AC #5	3	100	11033						12		
	-	15		-	-	11033	11033		100	3	AC #3	14	B	7
	-	17		-	-		11033	11033	-	-		16	-	7
	C	19	UNIT #5	3	225	11033		11033	-	-		18	-	7
	-	21		-	-	11033	11033		100	3	AC #6	20	B	
	-	23		-	-		11033	11033	-	-		22	-	
	C	25	UNIT #4	3	250	24566		11033	-	-		24	-	
	-	27		-	-	23533	24566		250	3	AC #2	26	B	
	-	29		-	-		23533	24566	-	-		28	-	
								23533	-	-		30	-	
												32		
												34		
												36		
												38		
												40		
												42		

CONNECTED VA: 105107 | 105707 | 105707 — DEMAND FACTOR: 1.00
TOTAL CONNECTED VA: 316521 AMPS: 879 — TOTAL DEMAND AMPS: 879

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	208524	1.00	208524
C	REFRIGERATION	106797	1.00	106797
D	KITCHEN	0	1.00	0
E	MISC. EQUIPMENT	1200	1.00	1200
F	RECPTS (1st 10 KW)	0	1.00	0
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	316521	1.00	316521

PANEL MC2

LOCATION: MOTOR CENTER | SERVES: MOTOR CTR & A/Cs | MOUNT: SURFACE
PNL VOLTAGE: 120/208, 3P, 4W | PNL AIC (RMS): 100,000 A | PANEL TYPE: I-LINE | MAIN LUG ONLY: 1200 A | BUS: 1200 A
BOLT- IN BREAKERS | FULL SOLID NEUTRAL BUS | GROUND BUS

CKT NOTE	LT	CKT NO	EQUIPMENT SERVED	BKR P	BKR TRIP	A	B	C	BKR TRIP	BKR P	EQUIPMENT SERVED	CKT NO	LT	CKT NOTE
		1	SPACE ONLY											
		3				2184			30	2	ENCLOSED DOCK COND UNIT CU-1	2	B	5
		5					2184		-	-		4	-	5
		7						4992	50	2	ENCLOSED DOCK AHU-1	6	B	5
	E	9	WATER HEATER	2	60	4992	6000		-	-		8	-	5
	-	11		-	-		600	6000	20	2	EXHAUST FAN	10	E	
	C	13	UNIT #3	3	200	27550		600	-	-		12	-	
	-	15		-	-	10533	27550		90	3	AC #4	14	B	7
	-	17		-	-		10533	27550	-	-		16	-	7
	C	19	UNIT #1	3	400	37466		10533	-	-		18	-	7
	-	21		-	-	23533	37466		250	3	AC #1	20	B	
	-	23		-	-		23533	37466	-	-		22	-	
								23533	-	-		24	-	
						26333			250	3	UNIT #2	26	C	
							26333		-	-		28	-	
								26333	-	-		30	-	

CONNECTED VA: 132591 | 134199 | 137007 — DEMAND FACTOR: 1.00
TOTAL CONNECTED VA: 403797 AMPS: 1122 — TOTAL DEMAND AMPS: 1122

	LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
A	LIGHTING	0	1.25	0
B	AIR CONDITIONING	116550	1.00	116550
C	REFRIGERATION	274047	1.00	274047
D	KITCHEN	0	1.00	0
E	MISC. EQUIPMENT	13200	1.00	13200
F	RECPTS (1st 10 KW)	0	1.00	0
	(Remaining Recpt.s)	0	0.50	0
	TOTAL DEMAND VA:	403797	1.00	403797

PANEL NOTES:

1. CONTRACTOR SHALL DISCONNECT EXISTING REFRIGERATED CASE FOR REMOVAL AND REUSE EXISTING BREAKER, CONDUCTORS AND CONDUIT FOR INSTALLATION OF NEW REFRIGERATED CASE.
2. CONTRACTOR SHALL DEMOLISH EXISTING CIRCUIT AND REUSE BREAKER FOR NEW CIRCUIT SHOWN.
3. CONTRACTOR SHALL DEMOLISH EXISTING CIRCUIT AND BREAKER. CONTRACTOR SHALL PROVIDE NEW BREAKER FOR CIRCUIT SHOWN. NEW BREAKER SHALL BE UL LISTED FOR USE IN EXISTING PANEL AND HAVE SAME AIC RATING AS EXISTING EQUIPMENT.
4. CONTRACTOR SHALL USE EXISTING SPARE BREAKER FOR NEW CIRCUIT SHOWN.
5. CONTRACTOR SHALL PROVIDE NEW BREAKER IN EXISTING SPACE FOR CIRCUIT SHOWN. NEW BREAKER SHALL BE UL LISTED FOR USE IN EXISTING PANEL AND HAVE SAME AIC RATING AS EXISTING EQUIPMENT.
6. CONTRACTOR SHALL DEMOLISH EXISTING CIRCUIT AND MARK BREAKER SPARE.
7. CONTRACTOR PROVIDE NEW BREAKER AS SHOWN. NEW BREAKER SHALL BE UL LISTED FOR USE IN EXISTING PANEL AND HAVE SAME AIC RATING AS EXISTING EQUIPMENT.
8. CONTRACTOR SHALL ROUTE CIRCUIT THRU EXISTING CONTACTOR FOR LIGHTING CONTROL.
9. CONTRACTOR SHALL REWORK EXISTING CIRCUIT TO NEW LOCATION AS SHOWN ON PLAN DRAWINGS. CONTRACTOR SHALL PROVIDE ALL CONDUIT AND WIRE REQUIRED FOR CIRCUIT RELOCATION.
10. CONTRACTOR DISCONNECT EXISTING EQUIPMENT AND REUSE EXISTING CIRCUIT FOR INSTALLATION OF NEW EQUIPMENT.
11. CONTRACTOR SHALL VERIFY EXISTING CIRCUIT AND UPDATE PANEL SCHEDULE.
12. CONTRACTOR SHALL ROUTE CIRCUIT THRU NEW CONTACTOR FOR LIGHTING CONTROL.

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R. KNOX STACY - ELECTRICAL
LICENSE #63643,
EXPIRATION DATE: 2/28/2023

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

R. KNOX STACY LICENSE No 63643 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by Robert K Stacy on the date adjacent to the seal.
2022.10.12 11:14:03-04'00'

CLIENT NAME
Publix SUPER MARKETS
3300 PUBLIX CORPORATE PARKWAY
LAKELAND, FL 33811-3311

PROJECT NAME
PUBLIX AT CRYSTAL SPRINGS SHOPPING CENTER #0797
6760 W GULF TO LAKE HIGHWAY
CRYSTAL RIVER, FLORIDA 34429-9348

SHEET TITLE
ELECTRICAL PANEL SCHEDULES

REV	RELEASE
	100% SUBMITTAL - 21 APR 2022
1	RR#30985 - BLAST CHILLER - 12 OCT 2022

PROJECT NO. 2210764 | DATE 04/21/2022 | DRAWN BT | CHECKED RKS

E11.1a

DECOR SCHEME: EVERGREEN

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