PANEL-A

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME 225A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	MAGLOCK ALARM/DOOR AC	6			10			RECPT	20/1	2
3	20/1	VENTILATOR (CT-3)		9			6		MEAT PREP SLICER	20/1	4
5	20/1	PROOFER CONTROLS			5			9	MEAT PREP TENDERIZER	20/1	6
7	30/3	PROOFER	22			15			MEAT COOLER MIXER	30/3	8
9				22			15				10
11					22			15			12
13	20/1	RECPT	8			10			FLOOR MACHINE	20/1	14
15	20/1	EF-4		7			12		RECPT	20/1	16
17	20/1	RECPT			10			6	RECPT	20/1	18
19	25/3	STEAMER	13			5			RECPT	20/1	20
21				13			8		DOCK LTS	20/1	22
23					13			15	MOBILE CART/GRILL	20/1	24
25	20/1	ICE MACHINE	15			6			FLOOR RECPT	20/1	26
27	20/1	RECPT		6			10		RUG DOCTOR	20/1	28
29	20/1	FLOOR RECPT			19			6	LIGHTING CONTROLLER	20/1	30
31	20/3	MEAT PREP SAW	4			6			RECPT	20/1	32
33				4			5		RECPT	20/1	34
35					4			6	EWC	20/1	36
37	20/3	MEAT PREP SAW	4			–			SPARE	20/1	38
39				4			10		LOBSTER TANK	20/1	40
41					4			–	BLANK	–	42
SUBTOTAL			72	65	70	62	56	41			

TOTAL PANEL LOAD: Aφ 134A Bφ 121A Cφ 111A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-B

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME 225A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	CASH REG. ASSOC.	6			5			RECPT	20/1	2
3	20/1	CASH REG. ASSOC.		6			8		RECPT	20/1	4
5	20/1	CASH REG. ASSOC.			6			6	RECPT	20/1	6
7	20/1	CASH REG. ASSOC.	6			3			RECPT – SERV CENT	20/1	8
9	20/1	CASH REG. ASSOC.		6			4		RECPT	20/1	10
11	20/1	CASH REG. ASSOC.			3			10	ATM	20/1	12
13	20/1	RECPT	8			8			RECPT – SHELVING	20/1	14
15	20/1	EWC		6			8		RECPT – SHELVING	20/1	16
17	20/1	EWC			6			8	RECPT – SHELVING	20/1	18
19	20/1	RECPT	6			8			RECPT – SHELVING	20/1	20
21	20/1	ELEC. HAND DRYER		19			8		RECPT – SHELVING	20/1	22
23	20/1	ELEC. HAND DRYER			19			8	RECPT – SHELVING	20/1	24
25	20/1	RECPT	12			8			RECPT – SHELVING	20/1	26
27	20/1	AUTOMATIC DOOR		5			8		RECPT – SHELVING	20/1	28
29	20/1	AUTOMATIC DOOR			5			8	RECPT – SHELVING	20/1	30
31	20/1	AUTOMATIC DOOR	5			8			RECPT – SHELVING	20/1	32
33	20/1	AUTOMATIC DOOR		5			10		BAKERY PREP RECPT	20/1	34
35	20/1	HANDICAP CART CHARGER			10			10	BAKERY PREP RECPT	20/1	36
37	20/1	FAS SYSTEM	10			11			MEAT PREP SCALE	20/1	38
39	20/1	FAS SYSTEM		10			5		RECPT	20/1	40
41	20/1	AUTOMATIC DOOR			5			6	RECPT	20/1	42
SUBTOTAL			53	57	53	78	67	71			

TOTAL PANEL LOAD: Aφ 131A Bφ 124A Cφ 124A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL C (ISOLATED GROUND)

TYPE BOLT-ON MOUNTING FLUSH ENCLOSURE NEMA-1 PHASE 1 WIRE 4
VOLTS 120/208 MAIN 100A MCB FRAME 100A SHORT CIR.RATING 10,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	LOADING PHASE A	LOADING PHASE B	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	RECPT – LFTG	6		4		CHECKOUT #11 CASH REG	20/1	2
3	20/1	RECPT – LFTG		3		4	CHECKOUT #10 CASH REG	20/1	4
5	20/1	RECPT – SERV CENT	3		4		CHECKOUT #9 CASH REG	20/1	6
7	20/1	RECPT		2		4	CHECKOUT #8 CASH REG	20/1	8
9	20/1	RECPT	2		4		CHECKOUT #7 CASH REG	20/1	10
11	20/1	RECPT – SERV CENT		3		4	CHECKOUT #6 CASH REG	20/1	12
13	20/1	RECPT – SERV CENT	3		4		CHECKOUT #5 CASH REG	20/1	14
15	20/1	TELXON		5		4	CHECKOUT #4 CASH REG	20/1	16
17	20/1	DSD DESK	2		4		CHECKOUT #3 CASH REG	20/1	18
19	20/1	TELXON		5		4	CHECKOUT #2 CASH REG	20/1	20
21	20/1	REGISTER – GROWLER	2		4		CHECKOUT #1 CASH REG	20/1	22
23	20/1	SIGN		10		12	SCALE	20/1	24
25	20/1	RECPT – OFFICE	8		4		PHONE	20/1	26
27	20/1	RECPT		4		4	PHONE	20/1	28
29	20/1	RECPT – SERV CENT	3		–		SPARE	20/1	30
31	20/1	SPARE		–		–	SPARE	20/1	32
33	20/1	RECPT	2		–		SPARE	20/1	34
35	20/1	SPARE		–		–	SPARE	20/1	36
37	20/2	SURGE PROTECTOR			–		BLANK	–	38
39						–	BLANK	–	40
41					–		BLANK	–	42
SUBTOTAL			30	30	32	36			

TOTAL PANEL LOAD: Aφ 62A Bφ 66A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-CL

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME 225A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	(2)4DR (1)5DR FT CASE	9			1			(1)8' S/SS MT/SF CASE	20/1	2
3	20/1	(1)2DR FT CASE		2			12		(1)12' SVC CASE/SCALE	20/1	4
5	20/1	(1)4DR FT CASE			9			13	(4)12' FRESH MEAT CASE	20/1	6
7	20/1	(4)5DR FT CASE	14			3			(1)4DR FROZ MEAT CASE	20/1	8
9	20/1	(4)5DR FT CASE		14			7		(1)10' CHEESE ISLAND	20/1	10
11	20/1	(1)4DR (3)5DR FT CASE			13			7	(1)10' SANDWICH CASE	20/1	12
13	20/1	(1)2DR FT CASE	2			28			(1)8' HOT CASE/SCALE	30/1	14
15	20/1	(4)5DR FT CASE		14			17		(1)4'SS HOT FOOD CASE	20/1	16
17	20/1	(2)8' (1)12' DAIRY CASE			11			5	(1)8' SVC DELI CASE	20/1	18
19	20/1	(2)12' DAIRY CASE	10			5			(1)4' SS HOT FOODS	20/1	20
21	20/1	(1)12' (3)8' DAIRY CASE		14			4		(1)12' SVC DELI CASE	20/1	22
23	20/1	(1)4' MILK/BREAD CASE			3			4	(1)6' MULTI DELI CASE	20/1	24
25	20/1	(1)5DR FLORAL CASE	4			8			(1)8' (1)12' MEAT CASE	20/1	26
27	20/1	(1)8' FLORAL CASE		2			10		(2)12' MEAT CASE	20/1	28
29	20/1	(1)8' (2)12' PRODUCE			13			10	(2)12' BEER CASE	20/1	30
31	20/1	(3)12' PRODUCE WALL	12			11			(2)8' (1)12' BEER CASE	20/1	32
33	20/1	(1)12' SALAD BAR		4			1		(1)4' SS MD DELI CASE	20/1	34
35	20/1	(1)12' S/SS CAKE CASE			12			7	(1) SALADS CASE	20/1	36
37	20/1	(1)5DR FRZ CAKE CASE	1			4			(2)12' COLD BEER CASE	20/1	38
39	20/1	(1)5DR SEAFOOD CASE		4			3		(1)COOLER (1) FREEZER	20/1	40
41	20/1	(1)8' MD PROD CASE			1			3	(1)12' (1)8' COLD BEER	20/1	42
SUBTOTAL			52	54	62	56	56	46			

TOTAL PANEL LOAD: Aφ 108A Bφ 110A Cφ 108A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-D

TYPE BOLT-ON MOUNTING FLUSH ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 400A MLO FRAME 400A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	BREAD FIXTURE	10			5			RECPT	20/1	2
3	20/1	RECPT – WISHING WELL		2			10		HOLDING CABINET	20/1	4
5	20/1	RECPT – CASE			3			8	QUICKCHILL CABINET	20/2	6
7	20/1	RECPT – BAKERY	3			6					8
9	20/1	SLICER		5			6		BLOWER	20/1	10
11	20/1	OVEN CONTROLS			6			5	SLICER	20/1	12
13	20/2	GAS OVEN	7			37			CHAR BROILER	60/3	14
15				7			37				16
17	20/1	AROMA FAN (EF-1)			5			37			18
19	15/3	MIXER	6			44			COMBI OVEN	90/3	20
21				6			44				22
23					6			44			24
25	20/1	RECPT	10			5			FRYER CONTROLS	20/1	26
27	20/1	BREAD SLICER		10			5		RECPT	20/1	28
29	20/1	SLICER			10			10	RECPT	20/1	30
31	20/1	RECPT	5			5			SALAD PREP REFRIG.	20/1	32
33	20/1	RECPT		5			10		RECPT	20/1	34
35	20/1	ROTISSERIE HOOD			15			10	RECPT	20/1	36
37	40/2	DISH MACHINE	31			45			PANEL DD	100/3	38
* 39				31			78				40
41	20/1	RECPT			10			74			42
SUBTOTAL			46	45	55	139	180	178			

TOTAL PANEL LOAD: Aφ 185A Bφ 225A Cφ 233A
NOTES: *RELOCATE EXISTING BREAKER AND SERVICE TO PANEL DD.
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-DD

TYPE BOLT-ON MOUNTING FLUSH ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 100A MLO FRAME 100A SHORT CIR.RATING 10,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	25/3	ROTISSERIE	16			5			HOOD ANSUL	20/1	2
3				16			5		HOOD CONTROLS	20/1	4
5					16			3	RECPT – GOBO	20/1	6
7	20/3	HOOD	15			3			RECPT – GOBO	20/1	8
9				15			2		SCALE – SALADS CASE	20/2	10
11					15			–	BLANK	–	12
13	20/1	PIZZA/SANDWHICH REF.	5			6			DRYER	20/1	14
15	50/2	TURBOCHEF		40			2		REGISTER – GROWLER	20/1	16
17					40			3	RECPT – GROWLER	20/1	18
* 19	20/1	RECPT	10			9			DRAFT COOLER	20/1	20
21	–	BLANK		–			–		BLANK	–	22
23	20/1	TF-1			2			2	KEGERATOR	20/1	24
25											26
27											28
29											30
31											32
33											34
35											36
37											38
39											40
41											42
SUBTOTAL			46	71	71	23	9	6			

TOTAL PANEL LOAD: Aφ 69A Bφ 80A Cφ 77A
NOTES: *BREAKER AND SERVICE RELOCATED FROM PANEL D.
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-MDP

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 3200A MCB FRAME 4000A SHORT CIR.RATING 100,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	400/3	RTU-1	290			134			PANEL A	200/3	7	95			PANEL H	200/3	13
				295			121						85				
					280			111						66			
2	1200/3	PORTA-PAK	926			131			PANEL B	200/3	8	124			PANEL CL	200/3	14
				926			124						109				
					926			124						108			
3	70/3	RTU-2	54			146			PANEL F	200/3	9	180			PANEL LB	400/3	15
				54			149						199				
					54			153						202			
4	70/3	RTU-3	54			80			PANEL R	150/3	10	209			PANEL LA	400/3	16
				54			116						203				
					54			102						180			
5	400/3	PANEL G	291			96			PANEL RA	200/3	11	38			PANEL PS	[illegible]	17
				293			93						39				
					287			96						[illegible]			
6	2000/3	SUB PANEL	1516			184			PANEL D	400/3	12	[illegible]			PANEL EM	[illegible]	18
				1554			192						74				
					1488			198						66			
															SPARE	100/3	19
													–				
														–			
						771	795	784	SUBTOTAL			745	[illegible]	704	SUBTOTAL		

TOTAL PANEL LOAD: Aφ 3131A Bφ 3172A Cφ 3099A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-EM

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 100A MLO FRAME 100A SHORT CIR.RATING 10,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	FLOOR LTS	11			–			BLANK	–	2
3	20/1	SPARE		–			62		PANEL C	100/3	4
5	20/1	SPARE			–			66			6
7	20/1	FLOOR LTS	10			11			FLOOR LTS	20/1	8
9	20/1	FLOOR LTS		12			–		BLANK	–	10
11	20/1	FLOOR LTS			9			–	BLANK	–	12
13	20/1	FLOOR LTS	11			11			FLOOR LTS	20/1	14
15	–	BLANK		–			–		BLANK	–	16
17	–	BLANK			–			–	BLANK	–	18
19	20/1	FLOOR LTS	13			9			FLOOR LTS	20/1	20
21	–	BLANK		–			–		BLANK	–	22
23	–	BLANK			–			–	BLANK	–	24
25											26
27											28
29											30
31											32
33											34
35											36
37											38
39											40
41											42
SUBTOTAL			45	12	0	31	62	66			

TOTAL PANEL LOAD: Aφ 76A Bφ 74A Cφ 66A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-F

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME 225A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	VENDING	10			10			RECPT	20/1	2
3	20/1	RECPT – LFTG		8			10		RECPT	20/1	4
5	20/1	RECPT			4			10	RECPT	20/1	6
7	20/1	AC-5	4			10			RECPT	20/1	8
9	20/2	SPARE		–			18		MICROWAVE	20/1	10
11					–			4	RECPT	20/1	12
13	30/1	RECPT	6			–			SPARE	20/1	14
15	20/1	RECPT		8			2		RECPT	20/1	16
17	20/1	RECPT			8			5	RECPT – WINE SHELVING	20/1	18
19	30/2	ICE BUNKER	18			6			MISTING SYSTEM	20/1	20
21				18			2		FACP	20/1	22
23	30/2	ICE BUNKER			18			6	RECPT	30/1	24
25			18			–			SPARE	20/1	26
27	30/1	SPARE		–			5		MISTING SYSTEM	20/1	28
29	30/1	SPARE			–			–	SPARE	20/1	30
31	30/1	SPARE	–			2			RECPT	20/1	32
33	30/1	SPARE		–			–		SPARE	20/1	34
35	30/1	SPARE			–			12	WATER VENDING	20/1	36
37	20/3	AIR COMPRESSOR	8			–			BLANK	–	38
39				8			20		(1)6' SC PROD CASE	30/2	40
41					8			20			42
SUBTOTAL			52	26	25	27	57	57			

TOTAL PANEL LOAD: Aφ 79A Bφ 83A Cφ 82A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-G

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE [illegible]
VOLTS 120/208 MAIN 400A MLO FRAME [illegible] SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	RECPT	5			[illegible]			[illegible]	20/1	2
3	20/1	RECPT		5			10		[illegible]	20/1	4
5	20/1	RECPT			5			5	SF-1	20/1	6
7	20/1	RECPT	[illegible]			17			AHU-1	35/3	8
9	20/1	EF-1		[illegible]			17				10
11	20/1	EF-2			5			17			12
13	60/3	BAILER (10HP)	29			3			EF-3	20/1	14
15				[illegible]			5		GUH-1	20/1	16
17					29			10	GUH-2	20/1	18
19	20/1	FLY FAN	[illegible]			33			COMPACTOR	60/3	20
21	20/1	ROOF RECPT		[illegible]			33				22
23	20/1	VENDING			10			33			24
25	20/1	FLY FAN (CT-2)	20			36			CONDENSER A	60/3	26
27	30/1	FLY FAN (CT-3)		20			36				28
29	20/1	COMPACTOR CONTROLS			5			36			30
31	80/3	[illegible]	42			44			CONDENSER B	70/3	32
33				42			44				34
35					42			44			36
37	[illegible]	[illegible]	5			36			CONDENSER C	60/3	38
39	30/1	[illegible]		2			36				40
41	20/1	[illegible]			10			36			42
SUBTOTAL			121	117	106	170	181	181			

TOTAL PANEL LOAD: Aφ 291A Bφ 298A Cφ 287A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-H

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME 225A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	(2)4DR FT CASE	10			–			SPARE	20/1	2
3	20/1	(1)5DR FT CASE		6			–		SPARE	30/1	4
5	20/1	(1)2DR FT CASE			3			8	BAKERY FREEZER	20/1	6
7	20/1	(3)4DR FT CASE	14			8			WALK IN FREEZER	20/1	8
9	20/1	(2)5DR FT CASE		12			8		DELI FREEZER	20/1	10
11	20/1	(2)5DR FT CASE			12			–	SPARE	20/1	12
13	20/1	(2)5DR FT CASE	12			–			SPARE	20/1	14
15	20/1	(2)5DR FT CASE		12			12		(1)4' SS HOT FOODS	20/2	16
17	20/1	(1)4DR (1)5DR FT CASE			11			12			18
19	20/1	(2)5DR FT CASE	17			–			BLANK	–	20
21	20/1	(1)2DR FT CASE		3			–		BLANK	–	22
23	20/1	(3)5DR FT CASE			13			–	BLANK	–	24
25	20/1	(3)5DR FT CASE	12			–			BLANK	–	26
27	20/1	SPARE		–			–		BLANK	–	28
29	20/1	SPARE			–			–	BLANK	–	30
31	20/1	(1)5DR FRZ CAKE CASE	3			–			BLANK	–	32
33	20/1	(1)5DR SEAFOOD CASE		6			–		BLANK	–	34
35	20/1	(1)4DR FROZ MEAT CASE			3			–	BLANK	–	36
37	20/1	(2)DUAL TEMP CASE	9			–			BLANK	–	38
39	20/1	(2)DUAL TEMP CASE		9			–		BLANK	–	40
41	20/1	(1)8' DUAL TEMP SPOT			8			–	BLANK	–	42
SUBTOTAL			81	57	58	14	28	8			

TOTAL PANEL LOAD: Aφ 95A Bφ 85A Cφ 66A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-LA

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 400A MLO FRAME 400A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	LTS – BLADES	13			7			LTS – DAIRY SOFFIT	20/1	2
3	20/1	LTS – BLADES		10			13		LTS – FRZ FOOD SOFFIT	20/1	4
5	20/1	LTS – BLADES			10			10	LTS	20/1	6
7	20/1	LTS – BLADES	10			8			LTS	20/1	8
9	20/1	LTS – BLADES		10			6		LTS – VESTIBULE	20/1	10
11	20/1	LTS – BLADES			9			6	TRACK – SHELVING	20/1	12
13	20/1	LTS – BLADES	12			6			TRACK – SHELVING	20/1	14
15	20/1	LTS – HIGH BAY		12			6		TRACK/LTS –REG/GOBO	20/1	16
17	20/1	LTS – HIGH BAY			12			5	LTS – WINE	20/1	18
19	20/1	SPARE	–			12			LTS	20/1	20
21	20/1	LTS – BLADES		6			9		LTS	20/1	22
23	20/1	SPARE			–			12	LTS	20/1	24
25	20/1	SPARE	–			11			LTS	20/1	26
27	20/1	TRACK – PRODUCE		9			–		SPARE	20/1	28
29	20/1	TRACK – PRODUCE			8			–	SPARE	20/1	30
31	20/1	LTS – REGISTER	8			–			SPARE	20/1	32
33	20/1	LTS – REGISTER		7			–		SPARE	20/1	34
35	20/1	LTS –MEAT/BEER SOFFIT			5			–	SPARE	20/1	36
37	20/1	SPARE	–			25			PANEL SLA	200/3	38
39	20/1	LTS/TRACK – GROWLER		5			6				40
41	20/1	LT/TRACK – DELI			10			11			42
SUBTOTAL			43	53	54	69	40	44			

TOTAL PANEL LOAD: Aφ 112A Bφ 93A Cφ 98A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-SLA

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE [illegible] WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME 225A SHORT CIR.RATING [illegible] RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	LTS	10						SPARE	20/1	2
3	20/1	LTS		6			–		SPARE	20/1	4
5	20/1	LTS			11			–	SPARE	20/1	6
7	20/1	LTS	8			–			SPARE	20/1	8
9	20/1	SPARE		–			–		SPARE	20/1	10
11	20/1	SPARE			–			–	BLANK	–	12
13	20/1	SPARE	–			–			BLANK	–	14
15	20/1	SPARE		–			–		BLANK	–	16
17	20/1	SPARE			–			–	BLANK	–	18
19	20/1	SPARE	–			–			BLANK	–	20
21	20/1	SPARE		–			–		BLANK	–	22
23	20/1	SPARE			–			–	BLANK	–	24
25	20/1	LTS	7			–			BLANK	–	26
27	20/1	SPARE		–			–		BLANK	–	28
29	–	BLANK			–			–	BLANK	–	30
31	–	BLANK	–			–			BLANK	–	32
33	–	BLANK		–			–		BLANK	–	34
35	–	BLANK			–			–	BLANK	–	36
37	–	BLANK	–			–			BLANK	–	38
39	–	BLANK		–			–		BLANK	–	40
41	–	BLANK			–			–	BLANK	–	42
SUBTOTAL			25	6	11	0	0	0			

TOTAL PANEL LOAD: Aφ 25A Bφ 6A Cφ 11A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-LB

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 400A MLO FRAME 400A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	LTS – BLADES	10			10			LTS	20/1	2
3	20/1	LTS – BLADES		10			7		LTS	20/1	4
5	20/1	LTS – BLADES			10			8	CONTROLS	20/1	6
7	20/1	LTS – BLADES	10			8			LTS	20/1	8
9	20/1	LTS – BLADES		10			8		LTS	20/1	10
11	20/1	LTS – BLADES			9			8	LTS	20/1	12
13	20/1	LTS – BLADES	6			10			COOLER LTS	20/1	14
15	20/1	LTS – BLADES		5			10		COOLER LTS	20/1	16
17	20/1	LTS – HIGH BAY			12			14	COOLER LTS	20/1	18
19	20/1	SPARE	–			10			COOLER LTS	20/1	20
21	20/1	SPARE		–			10		COOLER LTS	20/1	22
23	20/1	SPARE			–			12	COOLER LTS	20/1	24
25	20/1	SPARE	–			10			COOLER LTS	20/1	26
27	20/1	SPARE		–			12		COOLER LTS	20/1	28
29	20/1	SPARE			–			–	SPARE	20/1	30
31	20/1	LTS – REGISTERS	8			6			CONTROLS	20/1	32
33	20/1	LTS – REGISTERS		7			–		SPARE	20/1	34
35	20/1	SPARE			–			13	LTS	20/1	36
37	200/3	PANEL SLB	43			12			LTS	20/1	38
39				57			11		LTS	20/1	40
41					38			13	LTS	20/1	42
SUBTOTAL			77	89	69	60	58	60			

TOTAL PANEL LOAD: Aφ 137A Bφ 147A Cφ 129A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-SLB

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME 225A SHORT CIR.RATING 10,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	COOLER LTS	10			–			SPARE	20/1	2
3	20/1	COOLER LTS		12			–		SPARE	20/1	4
5	20/1	LTS			9			10	WALL PACKS	20/2	6
7	20/1	LTS	10			10					8
9	20/1	LTS		6			–		SPARE	20/1	10
11	20/1	LTS			8			–	SPARE	20/1	12
13	20/1	SPARE	–			13			WALL PACKS	20/2	14
15	20/1	LTS		12			13				16
17	20/1	LTS			11			–	BLANK	–	18
19	–	BLANK	–			–			BLANK	–	20
21	20/1	LTS		14			–		BLANK	–	22
23	20/1	SPARE			–			–	BLANK	–	24
25	–	BLANK	–			–			BLANK	–	26
27	–	BLANK		–			–		BLANK	–	28
29	–	BLANK			–			–	BLANK	–	30
31	–	BLANK	–			–			BLANK	–	32
33	–	BLANK		–			–		BLANK	–	34
35	–	BLANK			–			–	BLANK	–	36
37	–	BLANK	–			–			BLANK	–	38
39	–	BLANK		–			–		BLANK	–	40
41	–	BLANK			–			–	BLANK	–	42
SUBTOTAL			20	44	28	23	13	10			

TOTAL PANEL LOAD: Aφ 43A Bφ 57A Cφ 38A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-PS

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE [illegible] WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME [illegible] SHORT CIR.RATING [illegible] RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	SIGN	13			[illegible]			SPARE	20/1	2
3	20/1	SIGN		13			[illegible]		SPARE	20/1	4
5	20/1	SIGN			13			–	SPARE	20/1	6
7	20/1	SIGN	13			–			BLANK	–	8
9	20/1	SIGN		13			–		BLANK	–	10
11	20/1	CANOPY			[illegible]			–	BLANK	–	12
13	20/1	CANOPY	13			–			BLANK	–	14
15	20/1	CANOPY		13			–		BLANK	–	16
17	20/1	CANOPY			6			–	BLANK	–	18
19	–	BLANK	–			–			BLANK	–	20
21	–	BLANK		–			–		BLANK	–	22
23	–	BLANK			–			–	BLANK	–	24
25	–	BLANK	–			–			BLANK	–	26
27	–	BLANK		–			–		BLANK	–	28
29	–	BLANK			–			–	BLANK	–	30
31											32
33											34
35											36
37											38
39											40
41											42
SUBTOTAL			39	39	32	0	0	0			

TOTAL PANEL LOAD: Aφ 39A Bφ 39A Cφ 32A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-R

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 150A MLO FRAME 225A SHORT CIR.RATING 22,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	(2)4DR (1)5DR FT CASE	10			4			(1)5DR SEAFOOD CASE	20/1	2
3	20/1	(1)3DR FT CASE		1			1		(1)4' SS MD DELI CASE	20/1	4
5	20/1	(3)4DR FT CASE			9			1	(1)8' S/SS MT/SF CASE	20/1	6
7	20/1	(4)5DR FT CASE	14			2			(1)8' S/SS MT/SF CASE	20/1	8
9	20/1	(4)5DR FT CASE		14			15		(1)12' SVC CASE/RECPT	20/1	10
11	20/1	(1)4DR (3)5DR FT CASE			13			15	(1)12' SVC CASE/HUMID	20/1	12
13	20/1	(1)2DR FT CASE	1			9			(2)12' FRESH MEAT CASE	20/1	14
15	20/1	(4)5DR FT CASE		14			9		(2)12' FRESH MEAT CASE	20/1	16
17	20/1	(2)8' (1)12' DIARY CASE			4			3	(1)4DR FROZ MEAT CASE	20/1	18
19	20/1	(1)12' (3)8' DAIRY CASE	3			1			(2)8' DUAL TEMP SPOT	20/1	20
21	20/1	(1)4' MILK/BREAD CASE		2			2		(2)12' COLD BEER CASE	20/1	22
23	20/1	(1)5DR FLORAL CASE			3			4	(1)10' CHEESE ISLAND	20/1	24
25	20/1	(1)8' FLORAL CASE	3			2			(2)8' (1)4' CHEESE CASE	20/1	26
27	20/1	(1)8' (2)12' PRODUCE		3			12		(1)10' SANDWICH CASE	20/1	28
29	20/1	(3)12' PRODUCE WALL			9			14	(1)8' SVC DELI CASE	20/1	30
31	20/1	(1)8' MD PROD CASE	1			2			(1)12' (1)8' COLD BEER	20/1	32
33	20/1	(1)30' PROD ISLAND		6			18		(1)12' SVC DELI CASE	20/1	34
35	20/1	(1)13' PROD ISLAND			3			1	(1)6' MULTI DELI CASE	20/1	36
37	20/1	(1)12' SALAD BAR	9			3			(1)8' (3)12' MEAT CASE	20/1	38
39	20/1	(1)12' S/SS CAKE CASE		15			4		(2)8' (3)12' BEER CASE	20/1	40
41	20/1	(1)5DR FRZ CAKE CASE			4			2	(1)FREEZER CASE	20/1	42
SUBTOTAL			43	55	49	37	61	53			

TOTAL PANEL LOAD: Aφ 80A Bφ 116A Cφ 102A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

PANEL-RA

TYPE BOLT-ON MOUNTING SURFACE ENCLOSURE NEMA-1 PHASE 3 WIRE 4
VOLTS 120/208 MAIN 200A MLO FRAME 225A SHORT CIR.RATING 10,000 RMS SYM MIN

CKT. NO.	CKT. BKR. TRIP	DESCRIPTION	PHASE LOADING A	PHASE LOADING B	PHASE LOADING C	LOADING PHASE A	LOADING PHASE B	LOADING PHASE C	DESCRIPTION	CKT. BKR. TRIP	CKT. NO.
1	20/1	FLORAL	10			–			SPARE	40/1	2
3	20/1	WSA COOLER		10			–		SPARE	40/1	4
5	20/1	WSA COOLER			10			–	SPARE	40/1	6
7	20/1	WSA COOLER	10			3			(1)COOLER CASE	20/1	8
9	20/1	PRODUCE COOLER		13			7		DELI FREEZER	20/1	10
11	20/1	PRODUCE PREP AREA			12			13	DELI COOLER	20/1	12
13	20/1	BAKERY COOLER	7			7			SEAFOOD PREP	20/1	14
15	20/1	BAKERY FREEZER		7			10		COOLER	20/1	16
17	20/1	SEAFOOD COOLER			7			–	BLANK	–	18
19	20/1	MEAT FREEZER FAN COIL	7			15			(1)SALADS CASE	20/1	20
21	20/1	MEAT PREP ROOM COIL		13			15		(1)SALADS CASE	20/1	22
23	20/1	MEAT COOLER FAN COIL			13			15	(1)SALADS CASE	20/1	24
25	20/1	DAIRY COOLER	13			–			BLANK	–	26
27	20/1	FREEZER		13			–		BLANK	–	28
29	20/1	WSA COOLER			10			–	BLANK	–	30
31	20/1	W.I. FREEZER U.F. HTR	12			–			BLANK	–	32
33	–	BLANK		–			–		BLANK	–	34
35	–	BLANK			–			–	BLANK	–	36
37	–	BLANK	–			–			BLANK	–	38
39	–	BLANK		–			–		BLANK	–	40
41	–	BLANK			–			–	BLANK	–	42
SUBTOTAL			59	56	53	37	37	43			

TOTAL PANEL LOAD: Aφ 96A Bφ 93A Cφ 96A
NOTES:
NEUTRAL TERMINAL BAR [X]
GROUND TERMINAL BAR [X]

ALL SHADED ITEMS IN PANEL SCHEDULES ARE EXISTING TO REMAIN. WHERE JUST THE BREAKER IS SHADED IT IS AN EXISTING BREAKER BEING REUSED. WHERE THE BREAKER AND DESCRIPTION ARE SHADED IT IS AN EXISTING BREAKER AND SERVICE THAT IS MODIFIED OR RELOCATED. WHERE BREAKER, DESCRIPTION AND LOADING ARE SHADED IT IS AN EXISTING BREAKER AND SERVICE TO REMAIN.

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NO.	DATE	COMMENTS/REVISIONS
	06/03/20	FIXTURE PLAN APPROVED
	07/17/20	RELEASED FOR BIDDING/CONSTRUCTION

INTERIOR RENOVATION FOR
STORE #182 AT
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Walkertown, North Carolina 27051

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