08/31/2004 03:05:22 PM

PANEL SCHEDULE

PANEL: CR BUS AMPS: 100 MAIN: MCB MAIN CB AMPS: 100 VOLTS L-L: 208 PHASE: 3
LOCATION: NR COMPUTER ROOM MOUNTING: FLUSH VOLTS L-G: 120 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
20	12	CHECKOUT 1	0.3	1	0.6			2	0.3	CHECKOUT 2	12	20
20	12	CHECKOUT 3	0.3	3		0.6		4	0.3	CHECKOUT 4	12	20
20	12	CHECKOUT 5	0.3	5			0.6	6	0.3	CHECKOUT 6	12	20
20	12	CHECKOUT 7	0.3	7	0.6			8	0.3	CHECKOUT 8	12	20
20	12	COMPUTER RM RECPT	0.5	9		1		10	0.5	COMPUTER RM RECPT	12	20
20	12	COMPUTER RM RECPT	0.5	11			1	12	0.5	COMPUTER RM RECPT	12	20
20	12	COMPUTER RM RECPT	0.5	13	1			14	0.5	COMPUTER RM RECPT	12	20
20	12	COMPUTER RM PHONE BOARD	0.5	15		1		16	0.5	CUSTOMER SERV RECPTS	12	20
20	12	CUSTOMER SERV RECPTS	0.5	17			1	18	0.5	TILL RM PC	12	20
20	12	CASH OFF PC & CRT	0.7	19	1.4			20	0.7	PHARMACY PC & PRINTER	10	20
20	12	PHARMACY CRT	0.5	21		1		22	0.5	FRONT DOOR OPENERS	12	20
20	12	PHARMACY CHECK OUT & CRT	0.5	23			1.2	24	0.7	PHARMACY PC & PRINTER	10	20
20	12	TIME CLOCK	0.2	25	1.2			26	1	SECURITY PANEL	12	20
20	12	FIRE ALARM PANEL	1	27		1		28		SPACE		
20	12	MUZAK	0.5	29			0.5	30		SPACE		
		SPACE		31	0			32		SPACE		
		SPACE		33		0		34		SPACE		
		SPACE		35			0	36		SPACE		
		SPACE		37	0			38		SPACE		
		SPACE		39		0		40		SPACE		
		SPACE		41			0	42		SPACE		
			PHASE TOTALS		4.8	4.6	4.3					

KVA: 13.7 AMPS: 38.029 SPARE = 14

PANEL SCHEDULE

PANEL: ELPL BUS AMPS: 100 MAIN: MCB MAIN CB AMPS: 50 VOLTS L-L: 208 PHASE: 3
LOCATION: MECHANICAL CENTER MOUNTING: SURFACE VOLTS L-G: 120 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
20	12	BAS RECPT	0.5	1	0.9			2	0.4	GENERAL MECHANICAL CENTER RECEPTS	12	20
20	12	RECEIVING DOCK DOOK LIGHT	0.3	3		0.4		4	0.1	RECEIVING TIME CLOCK	12	20
20	12	UH-1 SPRINKLER RM	0.2	5			0.7	6	0.5	MAIN PHONE BOARD	12	20
20	12	GROCERY FREEZER LTS	0.1	7	0.3			8	0.2	MEAT DEPT SCALE	12	20
		SPACE		9		0		10		SPACE		
20	12	SEAFOOD SCALE	0.2	11			0.5	12	0.3	PRODUCE TABLE LTS	10	20
20	12	BAKERY SCALE	0.2	13	0.3			14	0.1	BAKERY FREEZER LTS	12	20
20	12	DELI SCALE & SLICER	0.8	15		1.1		16	0.3	PRODUCE TABLE LTS	10	20
20	12	MEAT CASE AREA LTS A	0.3	17			0.3	18		SPACE		
		SPACE		19	0			20		SPACE		
		SPACE		21		0		22		SPACE		
		SPACE		23			0	24		SPACE		
		SPACE		25	0			26		SPACE		
		SPACE		27		0		28		SPACE		
		SPACE		29			0	30		SPACE		
		SPACE		31	0			32		SPACE		
		SPACE		33		0		34		SPACE		
		SPACE		35			0	36		SPACE		
		SPACE		37	0			38		SPACE		
		SPACE		39		0		40		SPACE		
		SPACE		41			0	42		SPACE		
			PHASE TOTALS		1.5	1.5	1.5					

KVA: 4.5 AMPS: 12.491 SPARE = 27

PANEL SCHEDULE

PANEL: LPH1 BUS AMPS: 100 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 480 PHASE: 3
LOCATION: MECHCANICAL CENTER MOUNTING: SURFACE VOLTS L-G: 277 WIRE: 4

CONTACTOR SCHEDULE (SEE NOTE 1)	BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A	CONTACTOR SCHEDULE (SEE NOTE 1)
Z1	20	10	SALES AREA LTS A	1.6	1	3.2			2	1.6	SALES AREA LTS B	10	20	Z2
Z3	20	10	SALES AREA LTS C	1.6	3		3.1		4	1.5	SALES AREA LTS A	10	20	Z1
Z2	20	10	SALES AREA LTS B	1.3	5			2.8	6	1.5	SALES AREA LTS C	10	20	Z3
Z1	20	10	SALES AREA LTS A	1.2	7	2.3			8	1.1	SALES AREA LTS B	10	20	Z2
Z3	20	10	SALES AREA LTS C	1.5	9		2.5		10	1	BAKERY & PHARMACY DOWN LTS	12	20	Z4
Z4	20	10	PRODUCE WALL WASH LTS	2	11			3	12	1	MEAT DEPT WW & DELI DOWN LTS	12	20	Z4
Z4	20	12	VALANCE LTS	0.6	13	1.1			14	0.5	FRONT CANOPY LTS	12	20	Z7
Z6	20	12	RECIEVING DOCK LTS	0.3	15		1.8		16	1.5	EXTERIOR BLDG LTS	10	20	Z5
			SPARE		17			1.8	18	1.8	EXTERIOR BLDG LTS	10	20	Z5
	20	10	BAKERY/DELI DEPT LTS	1.6	19	2.3			20	0.7	RECEIVING AREA & DIARY CLR LTS	12	20	
	20	12	MEAT DEPT LTS	2.7	21		2.7		22		SPARE			
Z8	20	12	ENTRANCE VESTIBULE LTS	0.5	23			2.1	24	1.6	EMPLOYEE LOUNGE & OFFICES LTS	12	20	
			SPARE		25	1.7			26	1.7	PHARMACY DEPT LTS	12	20	
			SPARE		27		0		28		SPARE			
			SPARE		29			0.8	30	0.8	PRODUCE DEPT & BOTTLE RM LTS	10	20	
			SPARE		31	0			32		SPARE			
			SPARE		33		0		34		SPARE			
			SPARE		35			0	36		SPARE			
			SPARE		37	0			38		SPARE			
			SPARE		39		0		40		SPARE			
			SPARE		41			0	42		SPARE			
				PHASE TOTALS		10.6	10.1	10.5						

KVA: 31.2 AMPS: 37.529 SPARE = 18

PANEL SCHEDULE

PANEL: LPH2 BUS AMPS: 225 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 480 PHASE: 3
LOCATION: RECEIVING MOUNTING: SURFACE VOLTS L-G: 277 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
15	12	ROOF UNIT RTW-1	2.1	1	22.1			2	20	RTU-1	1	100
.	.	.	2.1	3		22.1		4	20	.	.	.
.	.	.	2.1	5			22.1	6	20	.	.	.
30	12	RTAH-1	7.2	7	15.5			8	8.3	RTU-2	8	35
.	.	.	7.2	9		15.5		10	8.3	.	.	.
.	.	.	7.2	11			15.5	12	8.3	.	.	.
		SPACE		13	0			14		SPACE		
		SPACE		15		0		16		SPACE		
		SPACE		17			0	18		SPACE		
15	12	RTU-3	2.1	19	9.1			20	7	CU-2	8	30
.	.	.	2.1	21		9.1		22	7	.	.	.
.	.	.	2.1	23			9.1	24	7	.	.	.
		SPACE		25	0			26		SPACE		
		SPACE		27		0		28		SPACE		
		SPACE		29			0	30		SPACE		
		SPACE		31	0			32		SPACE		
		SPACE		33		0		34		SPACE		
		SPACE		35			0	36		SPACE		
		SPACE		37	0			38		SPACE		
		SPACE		39		0		40		SPACE		
		SPACE		41			0	42		SPACE		
			PHASE TOTALS		46.7	46.7	46.7					

KVA: 140.1 AMPS: 168.519 SPARE = 24

PANEL SCHEDULE

PANEL: LPH3 BUS AMPS: 100 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 480 PHASE: 3
LOCATION: RECEIVING MOUNTING: SURFACE VOLTS L-G: 277 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
20	12	RECEIVING BAILER	3.9	1	7.8			2	3.9	RECEIVING COMPACTOR	12	20
.	.	.	3.9	3		7.8		4	3.9	.	.	.
.	.	.	3.9	5			7.8	6	3.9	.	.	.
20	12	MEAT SAW	1.3	7	5.5			8	4.2	MEAT DEPT GRINDER	10	20
.	.	.	1.3	9		5.5		10	4.2	.	.	.
.	.	.	1.3	11			5.5	12	4.2	.	.	.
		SPACE		13	0			14		SPACE		
		SPACE		15		0		16		SPACE		
		SPACE		17			0	18		SPACE		
		SPACE		19	0			20		SPACE		
		SPACE		21		0		22		SPACE		
		SPACE		23			0	24		SPACE		
		SPACE		25	0			26		SPACE		
		SPACE		27		0		28		SPACE		
		SPACE		29			0	30		SPACE		
		SPACE		31	0			32		SPACE		
		SPACE		33		0		34		SPACE		
		SPACE		35			0	36		SPACE		
		SPACE		37	0			38		SPACE		
		SPACE		39		0		40		SPACE		
		SPACE		41			0	42		SPACE		
			PHASE TOTALS		13.3	13.3	13.3					

KVA: 39.9 AMPS: 47.994 SPARE = 30

PANEL SCHEDULE

PANEL: LPH4 BUS AMPS: 100 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 480 PHASE: 3
LOCATION: MECHANICAL CENTER MOUNTING: SURFACE VOLTS L-G: 277 WIRE: 4

CONTACTOR SCHEDULE (SEE NOTE 1)	BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A	CONTACTOR SCHEDULE (SEE NOTE 1)
Z1	20	8	REAR DRIVE LIGHTS (ckt b)	0.9	1	1.2			2	0.3	REAR DRIVE LIGHTS (ckt e)	12	20	Z1
Z2	20	8	PLYON SIGN ON RT302 (ckt a)	0.9	3		1.8		4	0.9	REAR DRIVE LIGHTS (ckt d)	8	20	Z1
Z1	20	10	PARKING LOT LTS (ckt f)	1.4	5			2.8	6	1.4	PARKING LOT LTS (ckt j)	10	20	Z1
Z1	20	10	PARKING LOT LTS (ckt g)	1.9	7	2.9			8	1	PARKING LOT LTS (ckt k)	12	20	Z1
Z1	20	12	PARKING LOT FACADE LTS (ckt h)	1	9		1.9		10	0.9	PARKING LOT PYLON SIGN (ckt l)	10	20	Z2
Z1	20	12	PARKING LOT FACADE LTS (ckt p)	0.5	11			1.5	12	1	PARKING LOT LTS (ckt n)	10	20	Z1
Z1	20	10	PARKING LOT LTS (ckt o)	1.4	13	1.4			14		SPARE			
Z3	20	12	PARKING LOT NITE LIGHT (ckt i)	0.5	15		1.9		16	1.4	PARKING LOT LTS (ckt m)	10	20	Z1
Z1	20	8	REAR DRIVE LIGHTS (ckt c)	0.9	17			0.9	18		SPARE			
			SPARE		19	0			20		SPARE			
			SPARE		21		0.2		22	0.2	SIDEWALK LIGHT FIXTURE	12	20	Z1
			SPARE		23			0	24		SPARE			
			SPARE		25	0			26		SPARE			
			SPARE		27		0		28		SPARE			
			SPARE		29			0	30		SPARE			
			SPARE		31	0			32		SPARE			
			SPARE		33		0		34		SPARE			
			SPARE		35			0	36		SPARE			
			SPARE		37	0			38		SPARE			
			SPARE		39		0		40		SPARE			
			SPARE		41			0	42		SPARE			
				PHASE TOTALS		5.5	5.8	5.2						

KVA: 16.5 AMPS: 19.847 SPARE = 25

PANEL SCHEDULE

PANEL: ELPH BUS AMPS: 100 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 480 PHASE: 3
LOCATION: MECHANICAL CENTER MOUNTING: SURFACE VOLTS L-G: 277 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A	CONTACTOR SCHEDULE (SEE NOTE 1)
20	10	SALES AREA LTS A	1.1	1	3			2	1.9	SALES AREA LTS B	10	20	
20	10	SALES AREA LTS C	1	3		1.3		4	0.3	PRODUCE DEPT LTS	12	20	
20	12	SPRINKLER RM, DELI, BAKERY LTS	0.7	5			0.9	6	0.2	EMERGENCY EXIT LTS	12	20	C1-1
		SPACE		7	0			8		SPACE			
20	12	MECH CENTER LIGHTS	0.5	9		1		10	0.5	OFFICE LTS	10	20	
20	12	PHARMACY LTS	0.2	11			1	12	0.8	RECIEVING, DIARY & MEAT CLRS	10	20	
		SPACE		13	0			14		SPACE			
		SPACE		15		0.2		16	0.2	FRONT CANOPY LTS	12	20	C2-1
		SPACE		17			0.3	18	0.3	ENTRANCE VESTIBULE & BOTTLE RM LTS	12	20	
		SPACE		19	0			20		SPACE			
		SPACE		21		0		22		SPACE			
		SPACE		23			0	24		SPACE			
		SPACE		25	0			26		SPACE			
		SPACE		27		0		28		SPACE			
		SPACE		29			0	30		SPACE			
		SPACE		31	0			32		SPACE			
		SPACE		33		0		34		SPACE			
		SPACE		35			0	36		SPACE			
15	12	RECEIVING FORKLIFT BATTERY CHARGER	2.1	37	3.6			38	1.5	FEED TO ELPL	12	20	
.	.	.	2.1	39		3.6		40	1.5	.	.	.	
.	.	.	2.1	41			3.6	42	1.5	.	.	.	
			PHASE TOTALS		6.6	6.1	5.8						

KVA: 18.5 AMPS: 22.253 SPARE = 24

PANEL SCHEDULE

PANEL: LPL1 BUS AMPS: 100 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: MECHANICAL CENTER MOUNTING: SURFACE VOLTS L-G: 120 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
		SPACE		1	0.1			2	0.1	RACK A CONDENSER TS & H R SOV'S	12	20
20	12	RACK B CONDENSER TS	0.1	3		0.2		4	0.1	.	.	.
.	.	.	0.1	5			0.2	6	0.1	HOT WATER TK	12	20
20	12	GENERATOR BLOCK HEATER & CHARGER	1.5	7	1.6			8	0.1	RACK B HR SOV'S	12	20
20	12	EF-8 MECHANICAL CENTER	1.2	9		1.3		10	0.1	.	.	.
20	12	EF-7 MECHANICAL CENTER	1.2	11			1.2	12		SPACE		
		SPACE		13	0			14		SPACE		
		SPACE		15		0.2		16	0.2	RACK A CONTROL POWER	12	20
20	12	MECH CNTR CIRC PUMP	0.1	17			0.3	18	0.2	.	.	.
		SPACE		19	0.2			20	0.2	RACK C CONTROL POWER	12	20
		SPACE		21		0.2		22	0.2	.	.	.
20	12	RACK B CONTROL POWER	0.2	23			0.2	24		SPACE		
.	.	.	0.2	25	0.2			26		SPACE		
		SPACE		27		0		28		SPACE		
		SPACE		29			0	30		SPACE		
		SPACE		31	0			32		SPACE		
		SPACE		33		0		34		SPACE		
		SPACE		35			0	36		SPACE		
		SPACE		37	0			38		SPACE		
		SPACE		39		0		40		SPACE		
		SPACE		41			0	42		SPACE		
			PHASE TOTALS		2.1	1.9	1.9					

KVA: 5.9 AMPS: 16.377 SPARE = 25

PANEL SCHEDULE

PANEL: LPL2 BUS AMPS: 100 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: PRODUCE MOUNTING: FLUSH VOLTS L-G: 120 WIRE: 4

CONTACTOR SCHEDULE (SEE NOTE 1)	BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A	CONTACTOR SCHEDULE (SEE NOTE 1)
C3-1	20	12	PRODUCE AREA LTS A	0.4	1	0.9			2	0.5	PRODUCE AREA LTS B	12	20	C4-2
C3-2	20	12	PRODUCE AREA LTS A	0.4	3		1.4		4	1	BUILDING SIGN ICON	10	20	C6-1
C4-1	20	12	PRODUCE AREA LTS B	0.4	5			0.8	6	0.4	HANNAFORD BUILDING SIGN	12	20	C6-2
C5-1	20	12	TOMATO CART LIGHT RECEPT	0.1	7	0.1			8		SPACE			
	20	12	PRODUCE MISTER	0.3	9		0.7		10	0.4	BUG LIGHT & DESK RECPTS	12	20	
	20	12	PRODUCE SCALE	0.2	11			1	12	0.8	PRODUCE FLIM WRAP	12	20	
	20	12	BAKERY DONUT & MUFFIN CASE	0.6	13	0.8			14	0.2	PRODUCE DEMO RECPT	12	20	
	20	12	BAKERY BUG TRAP	0.2	15		0.7		16	0.5	BAKERY CAKE DECORATOR RECPTS	12	20	
	20	12	BAKERY OVEN CONTROLS	0.2	17			1.4	18	1.2	BAKERY FILTER FRESH MACHINE	12	20	
	45	8	BAKERY PROOFER	3.7	19	4.2			20	0.5	BAKERY OVEN	12	20	
	.	.	.	3.7	21		4.2		22	0.5	.	.	.	
	20	12	PHARMACY REFRIGERATOR & SHREADER	0.4	23			0.9	24	0.5	.	.	.	
	20	12	PHARMACY MONITOR & GEN RECPT	0.4	25	1.4			26	1	PHARMACY REFRIGERATOR	12	20	
			SPACE		27		1.6		28	1.6	PHARMACY MICROWAVE	10	20	
	20	12	BAKERY MIXER RECPT	0.7	29			1.5	30	0.8	BAKERY DONUT FILLER & BREAD SLICER	12	20	
	20	12	(2) BOTTLE RETURN MACHINES	1	31	1.4			32	0.4	VESTIBULE MONITOR & GEN RECPT	12	20	
	.	.	.	1	33		1		34		SPACE			
	.	.	.	1	35			3.3	36	2.3	BOTTLE ROOM GLASS CRUSHER	8	30	
	20	12	(2) BOTTLE RETURN MACHINES	1	37	1.3			38	0.3	PHARMACY BLOOD PRESS MACHINE	12	20	
	.	.	.	1	39		1		40		SPACE			
	.	.	.	1	41			1.7	42	0.7	BOTTLE ROOM CRT & BUG LIGHT	12	20	
				PHASE TOTALS		10.1	10.6	10.6						

KVA: 31.3 AMPS: 86.883 SPARE = 4

PANEL SCHEDULE

PANEL: LPL3 BUS AMPS: 125 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: DELI MOUNTING: FLUSH VOLTS L-G: 120 WIRE: 4

CONTACTOR SCHEDULE (SEE NOTE 1)	BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A	CONTACTOR SCHEDULE (SEE NOTE 1)
			SPACE		1	0.3			2	0.3	MEAT CASE AREA LTS C	12	20	C8-1
C7-1	20	12	MEAT CASE AREA LTS B	0.2	3		0.6		4	0.4	DELI FOOD PROCESSOR RECPT	12	20	
	30	10	DELI CHICKEN ROTISS	3	5			3.2	6	0.2	DELI SCALE	12	20	
	.	.	.	3	7	3.8			8	0.8	DELI HEAT WRAPER	12	20	
	.	.	.	3	9		5.6		10	2.6	DELI HOT/COLD CHICKEN	10	30	
	20	12	DELI BUG LIGHT	0.2	11			2.8	12	2.6	.	.	.	
	20	12	DELI SANDWICH PREP	1.4	13	2.6			14	1.2	DELI CHICKEN FRYER	12	20	
	20	12	DELI CHICKEN FRYER HOOD	1.3	15		1.3		16		SPACE			
	.	.	.	1.3	17			2.1	18	0.8	DELI SCALE & SLICER	12	20	
	.	.	.	1.3	19	2.3			20	1	DELI TAKE A NUMBER SYSTEM	12	20	
	20	12	SEAFOOD LOBSTER TANK	1.2	21		1.4		22	0.2	DELI DESK RECPT	12	20	
			SPACE		23			0.6	24	0.6	DELI SLICER	12	20	
	20	12	SEAFOOD BUG LIGHT, MEAT DEPT RECPT	0.4	25	1.4			26	1	MEAT DEPT TENDERIZER	10	20	
			SPACE		27		1		28	1	GONDOLA RECEPTS	10	20	
			SPACE		29			1.2	30	1.2	MEAT DEPT AUX SCALE/WRAP	10	20	
			SPACE		31	1.1			32	1.1	MEAT DEPT AUTO MEAT WRAP	10	20	
			SPACE		33		1.1		34	1.1	.	.	.	
	20	10	COFFEE GRINDER	1	35			2	36	1	MEAT DEPT AUTO MEAT WRAP	10	20	
	20	10	COFFEE GRINDER	1	37	1.2			38	0.2	DEMO RECPT	10	20	
	20	12	MEAT DEPT BUG LIGHT	0.1	39		0.3		40	0.2	SCALE BULK FOODS	12	20	
	20	10	COFFEE GRINDER	1	41			1	42		SPACE			
				PHASE TOTALS		12.7	11.3	12.9						

KVA: 36.9 AMPS: 102.427 SPARE = 8

PANEL SCHEDULE

PANEL: LPL4 BUS AMPS: 100 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: RECEIVING MOUNTING: SURFACE VOLTS L-G: 120 WIRE: 4

CONTACTOR SCHEDULE (SEE NOTE 1)	BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A	CONTACTOR SCHEDULE (SEE NOTE 1)
	20	12	KNIFE SHARPENER, BUG LIGHT	0.3	1	1.4			2	1.1	RECEIVING DOCK LEVER	12	20	
	20	12	RECEIVING WATER PURIFIER	0.5	3		1.6		4	1.1	.	.	.	
	20	10	RECEIVING SCRUBBER CHARGER	1.1	5			2.2	6	1.1	.	.	.	
	20	10	RECEIVING BURNISHER	1.8	7	1.8			8		SPACE			
	20	12	RECEIVING COMPACT DOOR CLOSURE	0.2	9		0.4		10	0.2	RECEIVING BUG LIGHT & BELL	12	20	
			SPACE		11			0.8	12	0.8	ROOF TOP EQUIP RECPTS	10	20	
			SPACE		13	0			14		SPACE			
	20	12	RECEIVING HTR-1, 2, 3	0.7	15		0.7		16		SPACE			
C9-1	20	12	HEAT TRACE HOSE BIB NR FROZEN FOODS	0.1	17			0.2	18	0.1	HEAT TRACE HOSE BIB NR COMPACTOR	12	20	C9-3
C9-2	.	.	.	0.1	19	0.2			20	0.1	.	.	.	C9-4
	20	10	ROOF TOP EQUIP RECPTS	0.9	21		1.2		22	0.3	GUTTER HEAT TRACE MECH CNTR	12	20	C9-5
			SPACE		23			0.3	24	0.3	.	.	.	C9-6
			SPACE		25	0			26		SPACE			
			SPACE		27		0		28		SPACE			
			SPACE		29			0	30		SPACE			
			SPACE		31	0			32		SPACE			
			SPACE		33		0		34		SPACE			
			SPACE		35			0	36		SPACE			
			SPACE		37	0			38		SPACE			
			SPACE		39		0		40		SPACE			
			SPACE		41			0	42		SPACE			
				PHASE TOTALS		3.4	3.9	3.5						

KVA: 10.8 AMPS: 29.979 SPARE = 24

PANEL SCHEDULE

PANEL: LPL5 BUS AMPS: 100 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: NR COMPUTER RM MOUNTING: FLUSH VOLTS L-G: 120 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
20	12	EMPLOYEE LOUNGE SODA MACHINE	0.4	1	1.6			2	1.2	EMPLOYEE LOUNGE MICROWAVE	12	20
20	12	EMPLOYEE LOUNGE HRIS	0.5	3		1.5		4	1	EMPLOYEE LOUNGE REFRGERATOR	12	20
20	12	TURN OFF COMPUTER & PRINTER	0.7	5			1.3	6	0.6	TURN OFF RECEPTS	12	20
20	10	TURN OFF COPIER	1.5	7	1.5			8		SPACE		
20	12	BATHROOM RECEPTS	0.7	9		1.2		10	0.5	ARM OFFICE PC	12	20
20	12	MGR OFFICE COMPUTER & PRINTER	0.7	11			1.4	12	0.7	ARM OFFICE COMPUTER & PRINTER	12	20
20	12	CUSTOMER SERV RECPTS	0.5	13	0.6			14	0.1	CASH OFF CHECK ENCODER	12	20
20	12	CUSTOMER SERV WESTERN UNION	0.2	15		0.7		16	0.5	COMPUTER RM PC	12	20
20	12	STAMP MACHINE & LOTTERY MACHINE	1.2	17			2.4	18	1.2	WATER VENDING MACHINE	12	20
20	12	ATM	0.5	19	1.7			20	1.2	OUTSIDE SODA MACHINE	10	20
20	12	CUSTOMER SERV SECURITY MONITOR	0.2	21		0.8		22	0.6	FRONT COIN STAR MACHINE	12	20
20	10	CHECKOUT 4 BELT	0.4	23			1.6	24	1.2	CHECKOUT 8 BELT & FUTURE COOLER	10	20
20	10	CHECKOUT 7 BELT & FUTURE COOLER	1.2	25	2.4			26	1.2	CHECKOUT 5 BELT & COOLER	10	20
20	10	CHECKOUT 6 BELT & FUTURE COOLER	1.2	27		2.4		28	1.2	OUTSIDE SODA MACHINE	10	20
20	10	CHECKOUT 2 BELT & COOLER	1	29			1.4	30	0.4	CHECKOUT 3 BELT	10	20
20	10	GONDOLA RECEPTS	0.8	31	0.8			32		SPACE		
20	12	MART CART	0.5	33		1.5		34	1	CHECKOUT 1 BELT & COOLER	10	20
		SPACE		35			1	36	1	GONDOLA RECEPTS	10	20
		SPACE		37	0			38		SPACE		
		SPACE		39		0.5		40	0.5	GONDOLA RECEPTS	10	20
		SPACE		41			0	42		SPACE		
			PHASE TOTALS		8.6	8.6	9.1					

KVA: 26.3 AMPS: 73.004 SPARE = 8

PANEL SCHEDULE

PANEL: RP1 BUS AMPS: 225 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: NR COMPUTER ROOM MOUNTING: FLUSH VOLTS L-G: 120 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A	CONTACTOR SCHEDULE (SEE NOTE 1)
20	12	LEER ICE MERCHANDISER	1.2	1	2.8			2	1.6	ICE CREAM CASE AB1B	10	20	
20	10	ICE CREAM CASE AB1A	1.1	3		2.7		4	1.6	.	.	.	
.	.	.	1.1	5			2.7	6	1.6	ICE CREAM CASE AA2	10	20	
20	10	ICE CREAM CASE AA1C	1.1	7	2.7			8	1.6	.	.	.	
.	.	.	1.1	9		2.7		10	1.6	ICE CREAM CASE AA1B	10	20	
20	10	ICE CREAM CASE AA1A	1.6	11			3.2	12	1.6	.	.	.	
.	.	.	1.6	13	1.8			14	0.2	RESTROOM/TRAINING FC-4 & CP	12	20	
25	10	ICE CREAM CASE AB4	0.7	15		1.5		16	0.8	BEER CASES B1A, B1B	12	20	
.	.	.	0.7	17			1.5	18	0.8	BEER CASES B1C, B1D	12	20	
20	10	FROZEN FOOD CASE AA4A	1.1	19	2.2			20	1.1	FROZEN FOOD CASE AA3D	10	20	
.	.	.	1.1	21		2.2		22	1.1	.	.	.	
20	12	EF-6 STRATIFICATON FAN OFFICES & LOUNGE	0.3	23			0.8	24	0.5	I/O BOARDS 7, 8, 9, 29	12	20	
20	12	COMPUTER RM FC-5 & CP	0.4	25	1.6			26	1.2	HEAT TRACE FRONT GUTTER	8	20	C10-1
		SPACE		27		1.2		28	1.2	.	.	.	C10-2
20	12	LOUNGE FC-2 & CP	0.5	29			1	30	0.5	EF-5 BATHROOM	12	20	
		SPACE		31	0.1			32	0.1	HEAT TRACE FRONT HOSE BIB	12	20	C10-3
		SPACE		33		0.1		34	0.1	.	.	.	C10-4
20	12	CASH OFFICE FC-6 & CP	0.4	35			0.9	36	0.5	TURN OFFICE FC-3 & CP	12	20	
100	.	FEED TO LPL5	9	37	9			38		SPACE			
.	.	.	9	39		10		40	1	HOOD COOLER	12	20	
.	.	.	9	41			9.4	42	0.4	ROOF TOP EQUIP RECPTS	10	20	
			PHASE TOTALS		20.2	20.4	19.5						

KVA: 60.1 AMPS: 166.826 SPARE = 4

PANEL SCHEDULE

PANEL: RP2 BUS AMPS: 125 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: RECEIVING MOUNTING: FLUSH VOLTS L-G: 120 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
20	10	ICE CREAM CASE AB1C	0.8	1	2.8			2	2	ICE CREAM CASE AB2A	10	25
.	.	.	0.8	3		2.8		4	2	.	.	.
25	10	ICE CREAM CASE AB2B	2	5			4	6	2	ICE CREAM CASE AB2C	10	25
.	.	.	2	7	4			8	2	.	.	.
20	10	FROZEN FOOD CASE AA3C	1.4	9		3.1		10	1.7	FROZEN FOOD CASE AA3B	10	20
.	.	.	1.4	11			3.1	12	1.7	.	.	.
20	10	FROZEN FOOD CASE AA3A	1.7	13	3.1			14	1.4	FROZEN FOOD CASE AA4B	10	20
.	.	.	1.7	15		3.1		16	1.4	.	.	.
20	10	FROZEN FOOD CASE AA4C	1.7	17			2.9	18	1.2	DAIRY COOLER B13	12	20
.	.	.	1.7	19	2.7			20	1	MEAT CASE B3C, B4A & B	10	20
20	10	FROZEN FOOD CASE AA4D	1.7	21		2.4		22	0.7	FROZEN FOOD CASE AB3	10	20
.	.	.	1.7	23			2.4	24	0.7	.	.	.
20	12	DUCT FURNACE (DF) 1	0.5	25	0.5			26		SPACE		
20	12	TUBE FANS	0.4	27		1.5		28	1.1	MEAT CASE B2, B3A & B	12	20
		SPACE		29			0.3	30	0.3	I/O BOARDS 5,6,28	12	20
		SPACE		31	0			32		SPACE		
		SPACE		33		0.3		34	0.3	TUBE FANS MEAT ISLE	12	20
		SPACE		35			0	36		SPACE		
		SPACE		37	0			38		SPACE		
		SPACE		39		0		40		SPACE		
		SPACE		41			0	42		SPACE		
			PHASE TOTALS		13.1	13.2	12.7					

KVA: 39 AMPS: 108.256 SPARE = 13

PANEL SCHEDULE

PANEL: RP3 BUS AMPS: 225 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: RECEIVING MOUNTING: SURFACE VOLTS L-G: 120 WIRE: 4

BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
40	8	GROCERY FREEZER AB11	3.7	1	9.4			2	5.7	MEAT COOLER B14	8	30
.	.	.	3.7	3		9.4		4	5.7	.	.	.
.	.	.	3.7	5			9.4	6	5.7	.	.	.
		SPACE		7	5.7			8	5.7	MEAT COOLER B14	8	30
20	10	MEAT PREP COOLER B15	0.9	9		6.6		10	5.7	.	.	.
20	12	MEAT CASES C1A & B	0.6	11			6.3	12	5.7	.	.	.
20	10	MEAT CASES C2A & B	0.7	13	1.4			14	0.7	MEAT CASES AB5	8	30
		SPACE		15		0.7		16	0.7	.	.	.
20	10	MEAT CASES AB6	0.9	17			1.6	18	0.7	MEAT CASES C3	10	20
30	8	MEAT CASES AB7	2.1	19	3.1			20	1	MEAT CASES C4A,C4B,C4C,C4D	8	20
.	.	.	2.1	21		2.1		22		SPACE		
20	10	MEAT COOLER HEAT TRACE	0.5	23			0.9	24	0.4	I/O BOARDS 19, 20, 21	12	20
.	.	.	0.5	25	0.5			26		SPACE		
20	10	GROCERY FREEZER HEAT TRACE	0.5	27		0.5		28		SPACE		
.	.	.	0.5	29			1.5	30	1	GROCERY FREEZER DR HEATER	10	20
		SPACE		31	0			32		SPACE		
		SPACE		33		0		34		SPACE		
		SPACE		35			0	36		SPACE		
		SPACE		37	0			38		SPACE		
		SPACE		39		0		40		SPACE		
		SPACE		41			0	42		SPACE		
			PHASE TOTALS		20.1	19.3	19.7					

KVA: 59.1 AMPS: 164.050 SPARE = 17

PANEL SCHEDULE

PANEL: RP4 BUS AMPS: 225 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: DELI MOUNTING: FLUSH VOLTS L-G: 120 WIRE: 4

CONTACTOR SCHEDULE (SEE NOTE 1)	BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A
	20	10	DELI ROLL IN REFRIGERATOR	1.4	1	3.1			2	1.7	SEAFOOD CASE AB8	10	20
	20	12	DELI WATER PIPE HEAT TRACE	0.3	3		2		4	1.7	.	.	.
	20	10	SEAFOOD CASE C5,C6A & B	1.3	5			1.6	6	0.3	DELI CASE C11	12	20
	20	10	MEAT SPOT MERCHANDISER	1.6	7	1.6			8		SPACE		
	20	12	EF-6 STRAT FANS DELI	0.2	9		1.8		10	1.6	DELI CASE C12A & B & C & D	10	20
	20	12	DELI CASE C8	0.4	11			0.8	12	0.4	DELI CASE C7A & B	12	20
			SPACE		13	0			14		SPACE		
			SPACE		15		0.3		16	0.3	DELI COOLER	12	20
	20	12	WINE COOLER B5	0.3	17			1.1	18	0.8	DELI CASE C10A & B	12	20
			SPACE		19	0			20		SPACE		
			SPACE		21		0		22		SPACE		
C11-1	20	12	EF-4 SEAFOOD	0.5	23			1	24	0.5	I/O BOARDS 15, 16, 17, 18, 32	12	20
			SPACE		25	0			26		SPACE		
			SPACE		27		0		28		SPACE		
			SPACE		29			0	30		SPACE		
			SPACE		31	0			32		SPACE		
			SPACE		33		0		34		SPACE		
			SPACE		35			0	36		SPACE		
	125	.	FEED TO LPL3	13	37	13			38		SPACE		
	.	.	.	13	39		13.2		40	0.2	ROOF TOP EQUIP RECPTS	10	20
	.	.	.	13	41			13	42		SPACE		
				PHASE TOTALS		17.7	17.3	17.5					

KVA: 52.5 AMPS: 145.730 SPARE = 22

PANEL SCHEDULE

PANEL: RP5 BUS AMPS: 225 MAIN: MLO MAIN CB AMPS: VOLTS L-L: 208 PHASE: 3
LOCATION: PRODUCE MOUNTING: FLUSH VOLTS L-G: 120 WIRE: 4

CONTACTOR SCHEDULE (SEE NOTE 1)	BRKR A	P/AWG	DESCRIPTION	CIR KVA	CIR NO.	LOAD A	LOAD B	LOAD C	CIR NO.	CIR KVA	DESCRIPTION	P/AWG	BRKR A	CONTACTOR SCHEDULE (SEE NOTE 1)
	20	12	BAKERY CASE C13A & B	0.3	1	1			2	0.7	BAKERY CASE AB10	12	20	
	20	12	BAKERY FREEZER AB12	1.9	3		2.6		4	0.7	.	.	.	
	.	.	.	1.9	5			3.5	6	1.6	NATURES PLACE CASE AB9A	10	20	
	.	.	.	1.9	7	3.5			8	1.6	.	.	.	
	20	12	NATURES PLACE CASE AB9B	1.1	9		1.4		10	0.3	NATURES PLACE CASE B6	12	20	
	.	.	.	1.1	11			2	12	0.9	PRODUCE CASES B7A & B & C	12	20	
	20	10	PRODUCE CASES B11A & B & C, B12	1.1	13	1.4			14	0.3	PRODUCE COOLER B17	12	20	
	20	12	PRODUCE CASES B10A & B & C & D	0.5	15		1.8		16	1.3	PRODUCE CASES B9A & B; B8A & B	10	20	
	20	12	BAKERY FREEZER HEAT TRACE	0.5	17			0.8	18	0.3	PRODUCE CASES C14	12	20	
	.	.	.	0.5	19	0.6			20	0.1	VESTIBULE FAN	12	20	
	20	12	BAKERY FREEZER DR HEATER	1	21		1.4		22	0.4	I/O BOARDS 10, 11, 30	12	20	
			SPACE		23			0.5	24	0.5	I/O BOARDS 12, 13, 14, 31	12	20	
	20	12	EF-6 STRAT FANS PRODUCE, BAKERY, PHARM	0.4	25	0.9			26	0.5	EF-1 BOTTLE ROOM	12	20	
	20	12	EF-3 BAKERY OVEN	0.5	27		0.6		28	0.1	PRODUCE WATER PIPE HEAT TRACE	12	20	C13-3
C12-1	20	12	EF-2 PHARMACY	0.5	29			0.6	30	0.1	.	.	.	C13-4
	20	12	BOTTLE RM FC-1 & CP	0.2	31	0.2			32		SPACE			
C13-1	20	12	HEAT TRACE BOTTLE ROOM WATER	0.1	33		0.1		34		SPACE			
C13-2	.	.	.	0.1	35			0.5	36	0.4	TUBE FANS PRODUCE AREA	12	20	
	100	.	FEED TO LPL2	11	37	11.9			38	0.9	PHARMACY WIREMOLD	10	20	
	.	.	.	11	39		11		40		SPACE			
	.	.	.	11	41			11.4	42	0.4	ROOF TOP EQUIP RECPTS	10	20	
				PHASE TOTALS		19.5	18.9	19.3						

KVA: 57.7 AMPS: 160.164 SPARE = 4

CONTACTOR SCHEDULE

PANEL	CONTACTOR	# OF POLES	PANEL	CONTACTOR	# OF POLES	PANEL	CONTACTOR	# OF POLES
ELPH	C1	4						
	C2	4						
LPL2	C3	4						
	C4	4						
	C4	4						
	C5	4						
	C6	4						
LPL3	C7	4						
	C8	4						
LPL4	C9	8						
RP1	C10	6						
RP4	C11	4						
RP5	C12	4						
	C13	6						

GENERAL NOTES:

1. PANEL LPH1 SHALL BE CUTLER-HAMMER POW-R-COMMAND 125 PANEL BOARDS AS SPECIFIED. ALL BREAKERS INDICATED WITH "Z" SHALL BE A SWITCHABLE CIRCUIT BREAKER. BREAKERS IN LPH1 INDICATED AS SPARE SHALL BE 20A SWITCHABLE BREAKERS. ALL OTHER PANELS SHALL HAVE 480V 20 AMP CONTACTORS WITH ELECTRICAL HELD 120V COILS.
2. PROVIDE HACR RATED BREAKERS FOR ALL HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION EQUIPMENT CIRCUITS.
3. HEAT TRACE ON GFCI BREAKER W/ 30 MILLAMP TRIP
4. PANELBOARDS ARE TOP FEED.

Hannaford Bros. Co.
Engineering Design Services
PO Box 1000
Portland, ME 04104
(207) 883-2911

NO	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	8/30/04	RAC

PROJECT TITLE
Hannaford
Riverside Street
Portland, Maine

SHEET TITLE
PANELBOARD SCHEDULES

scale	1/8" = 1'-0"
design	R. BUTEAU
drawn	R. CYR
checked	Dept
proj mgr	BCM
date	AUGUST, 2004

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SHEET
E12
proj no. PRSSA

p:\maine\portland-riversidest-000\dgns\ep-panelscheds.dgn
MODEL NAME: Default