



- GENERAL NOTES:
- LOCATE CASE CONTROLLER ON TOP OF CASE EXCEPT FOR COFFIN TYPE CASES.
  - LOCATE WALK-IN COOLER/FREEZER CONTROLLER AT HEAD OF DOOR, ON STRIKE SIDE FOR SINGLE DOOR.
  - SEE PLAN A1 FOR COLUMN BOX OUTS.
  - DETAIL DS- E502 APPLIES TO ALL OVERHEAD CONDUITS EXITING TOP OF WALL ADJACENT TO AND VISIBLE FROM SALES FLOOR.
  - ALL ABANDONED CONDUIT PENETRATIONS IN SLAB TO BE GROUTED WITH CONCRETE.
  - CASE RELAY BOARD SHALL BE SINGLE POINT TERMINATION AND NOT USED AS JUNCTION OR SPLICE BOX.
- KEY NOTES:
- EXTEND WIRE AND CONDUIT TO CONNECT EQUIPMENT TO THE EXISTING CIRCUIT.
  - REWIRE THE INDIVIDUAL CASE CIRCUITS TO THE NEW RELAY AND CONNECT TO THE EXISTING BRANCH CIRCUIT FROM THE PANEL.
  - REFER TO DWG E103 FOR POWER REQUIREMENTS.

Hannaford Supermarket/Pharmacy Store #8351, Forest Ave. System #	# of Doors	# of Light Bars	Light Bar length - ft	Watts per ft.	Electrical	On bar driver	Motion Sensor*
A0	5	6	5	15	120	YES	YES
A1a	3	3	5	15	120	YES	YES
A1b	3	3	5	15	120	YES	YES
A1c	5	5	5	15	120	YES	YES
A1d	5	5	5	15	120	YES	YES
A1e	5	5	5	15	120	YES	YES
A1f	5	5	5	15	120	YES	YES
A1g	5	5	5	15	120	YES	YES
A1h	4	4	5	15	120	YES	YES
A1i	3	4	5	15	120	YES	YES
A1j	2	3	5	15	120	YES	YES
A1k	4	4	5	15	120	YES	YES
A1l	5	5	5	15	120	YES	YES
A1m	5	5	5	15	120	YES	YES
A1n	5	5	5	15	120	YES	YES
A1o	5	5	5	15	120	YES	YES
A1p	5	5	5	15	120	YES	YES
A1q	5	5	5	15	120	YES	YES
A1r	5	5	5	15	120	YES	YES
A1s	5	5	5	15	120	YES	YES
A1t	5	5	5	15	120	YES	YES
A1u	5	5	5	15	120	YES	YES
A1v	5	5	5	15	120	YES	YES
A1w	5	5	5	15	120	YES	YES
A1x	5	5	5	15	120	YES	YES
A1y	5	5	5	15	120	YES	YES
A1z	5	5	5	15	120	YES	YES
A2a	4	4	5	15	120	YES	YES
A2b	4	5	5	15	120	YES	YES

\* - Contractor to field verify light bar length.  
\* - 24v motion sensor wiring by Automatic Controls Contractor.

8351 Forest Ave., Portland, Me. Enclosure Grouping Schedule		4 Value Cabinet Size
Hydronic Loop Loop		
ENC-7	Hydronic Modules A	1
ENC-8	Hydronic Modules B	1
ENC-9	Hydronic Modules C	1
ENC-10	Spare	N/A
ENC-11	Spare	N/A
Lon Loop #1		
ENC-12	A2-1, A2-2, A2-3, A2-4, A2-5	6
ENC-13	B2-8, B2-7	3
ENC-14	C1-8, C1-4, C1-10, C1-11	6
ENC-15	C1-12, C1-13	4
ENC-16	C2-14, C2-15, C1-16	6
ENC-17	C5-17, C6-18, C7-19	6
ENC-18	A3-20	3
ENC-19	A3-21, B2-22, B2-23	6
ENC-20	C2-24, C2-25, C4-26	4
ENC-21	A1-27, C1-28	3
ENC-22	B2-29	2
ENC-23	B1-30, B2-31, B3-32, B4-33, B5-34	6
ENC-24	B6-35, B10-36, B13-37	6
ENC-25	B7-38, B8-39, B9-40	6
ENC-26	Spare	N/A
ENC-27	Spare	N/A
ENC-28	Spare	N/A
ENC-29	Spare	N/A
ENC-30	Blowercoil BC-2	1
ENC-31	Blowercoil BC-1	1
ENC-32	Fancoils, Elect. Panel, Spare	N/A
ENC-33	Fancoils, Elect. Panel, Spare	N/A
ENC-34	Fancoils, Elect. Panel, Spare	N/A
ENC-35	Fancoils, Elect. Panel, Spare	N/A
Lon Loop #2		
ENC-36	B2-48, B2-49	3
ENC-37	A4-47, A4-48, C17-49, C20-50	6
ENC-38	A26-51, A27-52, C18-53	4
ENC-39	A5-54, A5-55, A10-56, C19-57	6
ENC-40	A8-58, A9-59	4
ENC-41	A3-60, B3-61	4
ENC-42	B12-62	2
ENC-43	A12-63, A13-64, B13-65	6
ENC-44	A10-66, A11-67	4
ENC-45	A14-68, A15-69, A16-70, A17-71	6
ENC-46	A18-72, A19-73, A20-74	6
ENC-47	A21-75, B14-76, B15-77	6
ENC-48	B16-78	2
ENC-49	B17-79, B18-80	3
ENC-50	A22-81	2
ENC-51	Spare	N/A
ENC-52	Spare	N/A
ENC-53	Spare	N/A
ENC-54	Spare	N/A
ENC-55	Blowercoil BC-3	1
ENC-56	Elect. Panels, Fancoils, Spare	N/A
ENC-57	Elect. Panels, Fancoils, Spare	N/A
ENC-58	Elect. Panels, Fancoils, Spare	N/A
ENC-59	Elect. Panels, Fancoils, Spare	N/A
ENC-60	Elect. Panels, Fancoils, Spare	N/A

REMODEL HANNAFORD SUPERMARKET & PHARMACY STORE #8351 - 295 FOREST AVENUE PORTLAND, MAINE 04101

Project Title: REMODEL HANNAFORD SUPERMARKET & PHARMACY STORE #8351 - 295 FOREST AVENUE PORTLAND, MAINE 04101

Prepared By: **JACOBS** JACOBS ENGINEERING GROUP INC. 65-4919188 CONSTRUCTION ADMINISTRATION AND PROJECT MANAGEMENT 5700 Major Boulevard, Suite 400 Portland, ME 04103-2001 Fax: 407-793-5199

Swat:

ELECTRICAL ENGINEER OF RECORD NAME: JOSEPH HARRILL, P.E. MANE REGISTERED PEI: 17107

DESIGNED BY: J. HARRILL SCALE: 3/32" = 1'-0"

DRAWN BY: J. HARRILL DATE: 10/21/11

CHECKED BY: L. PEREZ

Drawing No. E104

Project No. FRYR0300

IBC - PORTLAND, ME