



Hannaford

SUPERMARKET & PHARMACY



Riverside St. Portland, ME

ISSUED FOR CONSTRUCTION
August 30, 2004



HANNAFORD BROS. CO.

Architectural, Electrical
Mechanical, & Plumbing
Hannaford Engineering
Design Services
P.O. Box 1000
Portland, ME 04104
(207) 883-2911
Fax (207)-885-2192



allied engineering, inc.

FULL SERVICE CONSULTING ENGINEERS
STRUCTURAL • MECHANICAL • ELECTRICAL • TECHNOLOGY
ENVIRONMENTAL SERVICES • CONSTRUCTION ADMINISTRATION
One National Center, Portland, Maine 04102
Telephone: (207) 646-4120 • Fax: (207) 646-4121
E-Mail: info@alliedeng.com • www.alliedeng.com

Structural

BUILDING DESIGN CRITERIA

Building Code: International Building Code 2000

Use Group: M Mercantile
Construction Type: Noncombustible/Unprotected (2B)
Area Limitations: Unlimited (Section 507)

Building Gross SF: 36,129

Occupancy Load: Table 1003.2.2.2
Mercantile grade floor: 30/gross sf
Business Areas: 100/gross sf
Storage/Stock/Shipping/Mechanical: 300/gross sf

Grade Floor:
Sales Floor/Public Areas: 25,648 sf
Business/Prep Areas: 5,501 sf
Storage/Stock/Shipping/Mechanical: 4,680 sf

25,648/30 + 5,501/100 + 4,680/300 = 929 Occupants

Egress Width per Occupancy: Table 1004
Use Group M, with Sprinkler Systems
Doors and Ramps: 0.2 inches per occupant.

929 Occupants x 0.2 inches per occupant = 185.8 inches required

Total egress width provided = 228 inches

LIST OF DRAWINGS

STRUCTURAL

S1 FOUNDATION DETAILS & GENERAL NOTES
S2 FOUNDATION PLAN
S3 FOUNDATION DETAILS
S4 ROOF FRAMING PLAN
S5 MISC STRUCTURAL DETAILS
S6 MISC STRUCTURAL DETAILS
S7 SLAB PLAN
S8 SLAB DETAILS

ARCHITECTURAL

A1 FLOOR PLAN
A2 FLOOR FINISH PLAN & DETAILS
A3 REFLECTED CEILING PLAN & SOFFIT DETAILS
A4 EXTERIOR ELEVATIONS
A5 ROOF PLAN & DETAILS
A6 WALL SECTIONS
A7 WALL SECTIONS
A8 INTERIOR ELEVATIONS
A9 INTERIOR ELEVATIONS
A10 DOOR SCHEDULE, FINISH SCHEDULE,
RESTROOM PART PLAN, & WALL TYPES
A11 MISC. ARCHITECTURAL DETAILS
A12 WALL SECTIONS & DETAILS

DRAWINGS NOT IN THE SCOPE OF WORK OF CONTRACT BUT ENCLOSED FOR REFERENCE & COORDINATION

CP1 COOLER PLAN & DETAILS
G1 EXTERIOR SIGNAGE
MW1 MILLWORK
V1 VALANCE PLAN & DETAILS
R1.1 REFRIGERATION PIPING - SALES AREA +15F LINE SIZING
R1.2 REFRIGERATION PIPING - SALES AREA -25F LINE SIZING
R1.3 REFRIGERATION PIPING - SALES AREA +20F LINE SIZING
R1.4 REFRIGERATION PIPING - SALES AREA +15F LINE SIZING
R2.0 REFRIGERATION DETAILS & INSTALLATION NOTES
R3.0 REFRIGERATION DETAILS FOR CONDENSER AND HEAT RECLAIM

MECHANICAL

M1 MECHANICAL PLAN
M2 MECHANICAL SCHEDULES & DETAILS
M3 MECHANICAL DETAILS & CONTROL DIAGRAMS

PLUMBING

P1 SANITARY PIPING PLAN
P2 DOMESTIC PIPING PLAN
P3 PLUMBING SCHEDULES & DETAILS
P4 ROOFTOP PIPING PLAN

FIRE AND SECURITY

FS1 FIRE AND SECURITY

SPRINKLER CRITERIA

SP1 SPRINKLER CRITERIA PLAN (DECK)
SP-2 SPRINKLER CRITERIA PLAN (BELOW 10')

ELECTRICAL

E1 LEGEND & LIGHTING FIXTURE SCHEDULE
E2 LIGHTING PLAN
E3 POWER PLAN
E4 NOT USED
E5 ENLARGED PLAN
E6 REFRIGERATION PLAN
E7 UNDERSLAB PLAN
E8 ROOF PLAN
E9 NOT USED
E10 MECHANICAL CENTER
E11 NOT USED
E12 PANELBOARD SCHEDULE
E13 POWER RISER DIAGRAM
E14 EQUIPMENT SCHEDULE
E15 SITE PLAN
E16 COMM/DATA SYSTEMS