PROJECT LOCATION
STORE #4122
CUSTOMER WORLD PROTOTYPE W/EXTERIOR EMBELLISHMENTS
WASHINGTON & ALLEN AVENUE
PORTLAND, MAINE

REFERENCE CODES (INCLUDING BUT NOT LIMITED TO)
2003 INTERNATIONAL BUILDING CODE
2003 NFPA 101 LIFE SAFETY CODE
MAINE STATE INTERNAL PLUMBING CODE
NFPA 54 NATIONAL FUEL GAS CODE
ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES

USE GROUP
M MERCANTILE (IBC), CLASS B MERCANTILE PER LIFE SAFETY 36.1.4.2.1(2)

TYPE OF CONSTRUCTION
5B (MIN. TYPE OF CONSTRUCTION REQUIRED)
(BUILDING COMPRISED OF MATERIALS FOR TYPE 2B CONSTRUCTION)

BUILDING HEIGHT AND AREA LIMITATIONS
60' HIGH & 2 STORIES MAX. W/ SPRINKLER SYSTEM
ACTUAL: 29'-2 1/2" HIGH & 1 STORY
AREA LIMITATION 16,020 S.F. PER IBC SECTION 506 EQUATIONS 5-1, 5-2
ACTUAL GROSS FLOOR AREA: 14,074 S.F.

FIRE PROTECTION SYSTEMS
FULL BUILDING SPRINKLER SYSTEM IN COMPLIANCE W/ IBC SECTION 903.2.6
NFPA 13 AND NFPA 25 AND AS REQ PER LIFE SAFETY 36.3.5(2) FOR
MERCANTILE OCCUPANCIES EXCEEDING 12,000 S.F.

ALARM DETECTION PROTECTION
PROVIDED PER PLANS

PORTABLE FIRE EXTINGUISHERS
TO BE PROVIDED PER LIFE SAFETY SECTION 9.7.4.1 (SEE DRAWING A-104)

RATING OF CONSTRUCTION ELEMENTS
EXTERIOR WALL RATING REQUIREMENT = 0 HR. PER IBC TABLE 602
FOR 10'± FIRE SEPARATION DISTANCE FOR 5B CONSTRUCTION
0 HR. PER LIFE SAFETY TABLE A.8.2.1.2

OCCUPANT LOAD PER IBC TABLE 1004.1.2 / LIFE SAFETY TABLE 7.3.1.2
RETAIL SALES AREA – 11,274 SF / 30 GROSS = 376 PEOPLE
FRONT OFFICE/CHECKOUT WORK AREA – 677 SF / 100 GROSS = 7 PEOPLE
MEN'S ROOM – 73 SF = 1 PERSON
WOMEN'S ROOM – 98 SF = 3 PEOPLE
LOUNGE/PHARMACY/OFFICE WORK AREA – 1085 SF / 100 GROSS = 11 PEOPLE
RECEIVING –870 SF / 300 GROSS (IBC) = 3 PEOPLE
MEZZANINE STORAGE – 569 SF / 300 GROSS (IBC)= 3 PEOPLE
MEZZANINE ELECTRIC ROOM – 122 SF / 300 GROSS (IBC)= 1 PERSON
TOTAL: 405 PEOPLE

MEANS OF EGRESS
NUMBER OF EXITS – 3 TOTAL PROVIDED (2 FOR SALES),
COMPLIES WITH LIFE SAFETY SECTION 36.2.4.1(2) FOR 2 MIN.
TRAVEL DISTANCE TO EXIT LIMITS – 250' (IBC TABLE 1015.1), COMPLIES
250' LIFE SAFETY SECTION 36.2.6.2, COMPLIES
COMMON PATH OF TRAVEL LIMITS – 75' (IBC SECT. 1013.3), COMPLIES
100' PER LIFE SAFETY SECTION 36.2.5.3(2)
DEAD END CORRIDOR LIMITS – 20' (IBC SECTION 1016.3), COMPLIES
50' PER LIFE SAFETY SECTION 36.2.5.2.1
DOOR WIDTH REQUIREMENT – 32" MIN. (IBC SECTION 1008.1.1), COMPLIES
ARRANGEMENT OF EXITS – COMPLIES WITH LIFE SAFETY SECTION 36.2.5.7 FOR MIN. 2/3 OF
TOTAL REQUIRED EGRESS WIDTH TO BE AT MAIN BUILDING ENTRANCE WALL
ARRANGEMENT OF MEANS OF EGRESS – COMPLIES W/ DIAGONAL RULE FOR EXIT
AND EXIT ACCESS REMOTENESS PER LIFE SAFETY SECTION 7.5.1.3.2
AISLE WIDTH REQUIREMENT – 36" MIN. (IBC SECT. 1013.4.1), BASED ON OCCUPANT LOAD SERVED
36" PER LIFE SAFETY SECTION 36.2.5.5
MEZZANINE STAIR WIDTH REQUIREMENT – 36" MIN. (IBC SECT. 1009.1, EXCEPTION #1) AND IBC
TABLE 1005.1, COMPLIES WITH LIFE SAFETY SECTION 7.3.4.2 & COMPLIES WITH LIFE SAFETY
CAPACITY FACTOR PER TABLE 7.3.3.1
CORRIDOR WIDTH REQUIREMENT – 44" MIN. (IBC SECTION 1016.2)
CORRIDOR WIDTH REQUIREMENT – 36" MIN. PER LIFE SAFETY SECTION 7.3.4.1(2)
ACCESS TO ELECT., MECH., PLUMBING EQUIP. – 24" MIN. (IBC SECTION 1016.2, EXCEPTION #1)

MAXIMUM ALLOWABLE FLAME SPREAD FOR INTERIOR WALL & CEILING FINISH
EXIT PASSAGEWAYS: B (CLASS C PERMITTED W/ LIMITATIONS) PER IBC TABLE 803.5; A OR B PER
LIFE SAFETY TABLE A.10.2.2
VERTICAL EXITS: C (CLASS C PERMITTED W/ LIMITATIONS) PER IBC TABLE 803.5; A OR B PER
LIFE SAFETY TABLE A.10.2.2
EXIT ACCESS CORRIDORS AND OTHER EXITWAYS: C PER IBC TABLE 803.5; A OR B PER
LIFE SAFETY TABLE A.10.2.2
ROOMS AND ENCLOSED SPACES: C PER IBC TABLE 803.5; CEILING A, WALLS A,B OR C PER
LIFE SAFETY TABLE A.10.2.2

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES (PER ADMIN. AUTHORITY)
WATER CLOSET (MALE / FEMALE) – M = 1 WC, 1 URINAL PROVIDED, F = 2 WC PROVIDED
LAVATORIES (MALE / FEMALE) – M = 1 PROVIDED, F = 1 PROVIDED
DRINKING FOUNTAINS – ONE PROVIDED, COMPLIES
JANITORS SINK – ONE REQUIRED, COMPLIES
HOSE BIBBS

ACCESSIBILITY
THESE PLANS CONFORM WITH "THE AMERICANS
WITH DISABILITIES ACT".

A1 CODE DATA (SEE A-001 FOR ADDITIONAL INFORMATION)

NONE

NOTE:

a. FIRE RESISTANCE RATINGS OF ALL MEANS OF EGRESS: NOT APPLICABLE (FULLY SPRINKLERED BUILDING).

b. TRAVEL DISTANCES ARE NOTED. SEE DRAWING A-001 FOR ADDITIONAL CODE INFORMATION.

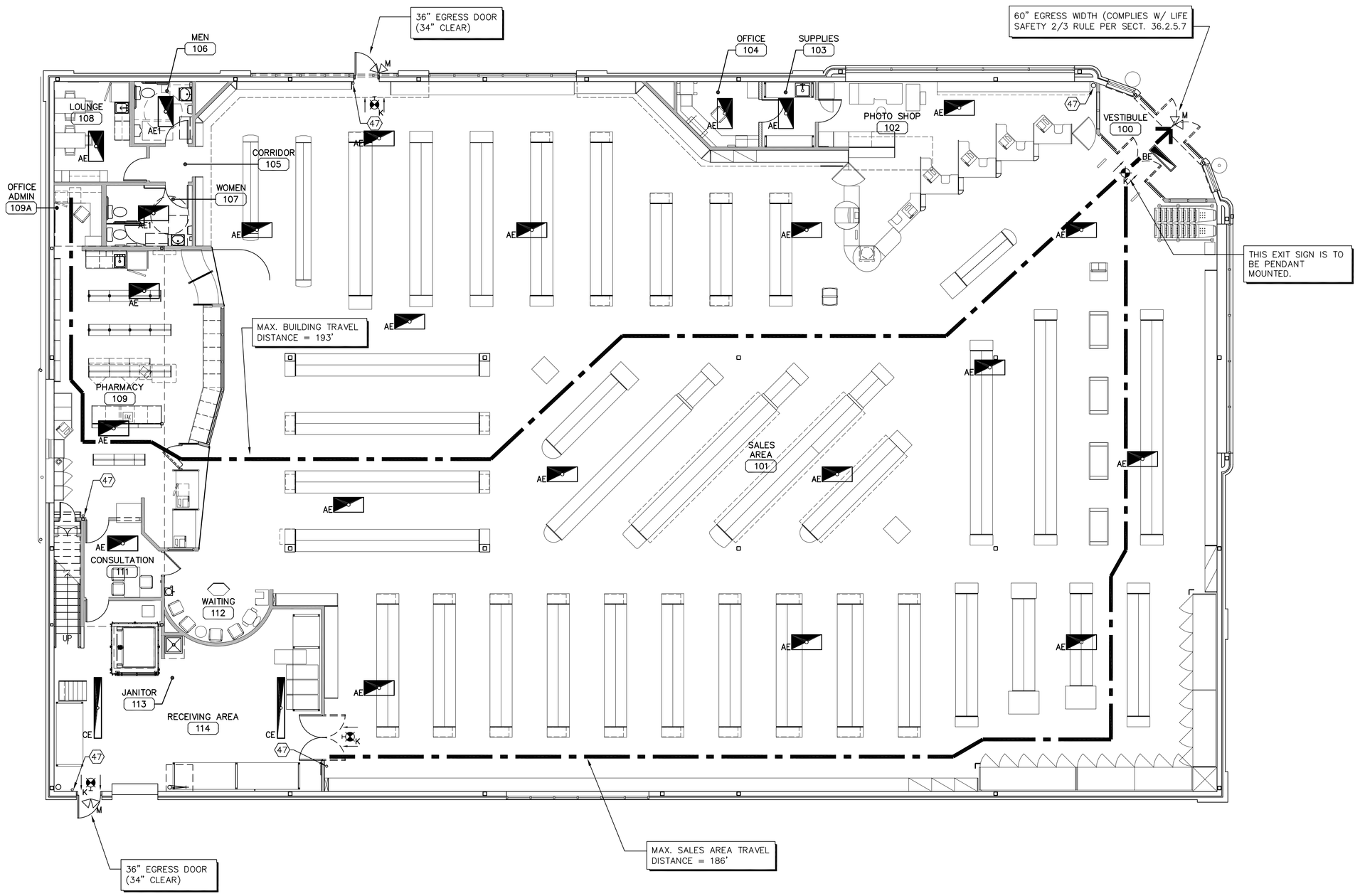
c. FIRE EXTINGUISHERS ARE ALSO NOTED ON DRAWING A-104 FIXTURE AND GRAPHICS PLAN.

d. REFER TO DRAWING E-101 LIGHTING PLAN FOR MORE COMPREHENSIVE INFORMATION REGARDING EMERGENCY LIGHTING.

e. REFER TO DRAWING E-101 LIGHTING PLAN FOR MORE COMPREHENSIVE INFORMATION REGARDING EXIT SIGNAGE.

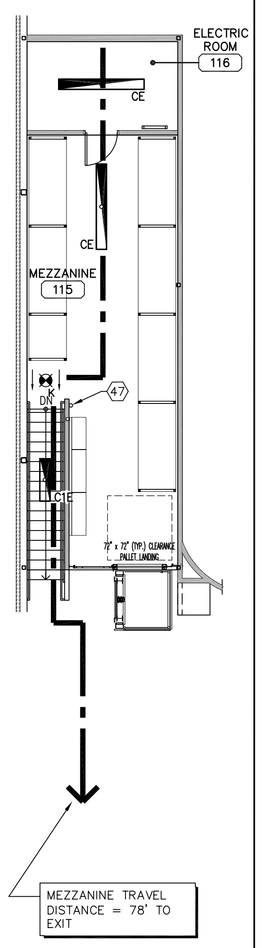
f. REFER TO DRAWING A-001 FOR ADDITIONAL CODE INFORMATION.

NORTH
PROJECT



A1 MEZZANINE PLAN

1/8" = 1'-0"



A3 FLOOR PLAN

1/8" = 1'-0"

ELECTRICAL LEGEND (SEE E-101)

AE 2X4 EMERGENCY FLUORESCENT LIGHT FIXTURE. LETTER (AE) INDICATES FIXTURE TYPE.

BE 1X4 EMERGENCY FLUORESCENT LIGHT FIXTURE. LETTER (BE) INDICATES FIXTURE TYPE.

CE 1X8 EMERGENCY FLUORESCENT LIGHT FIXTURE. LETTER (CE) INDICATES FIXTURE TYPE.

EXIT LIGHT.

EXTERIOR LIGHT FIXTURE. LETTER (M) INDICATES FIXTURE TYPE.

LEGEND

ROOM NAME
XXX ROOM NUMBER

SHEET NOTES

47. FIRE EXTINGUISHERS, PROVIDED BY AND INSTALLED BY RITE AID SEE A-104.

BRUCE RONAYNE HAMILTON ARCHITECTS
ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
3D VISUALIZATION
835 TURNPIKE ROAD
P.O. BOX 104
NEW IPSWICH
NEW HAMPSHIRE 03071

RITE AID STORE #4122
WASHINGTON & ALLEN AVENUE
PORTLAND, MAINE

RITE AID

REVISIONS
1 10-27-06 ISSUED FOR BUILDING PERMIT/GC BIDDING

Drawn RCK
Checked
Approved

Project No. 0525
Date: 10-27-06

Title
LIFE SAFETY PLAN FOR BUILDING PERMIT

Sheet No.
LF-1