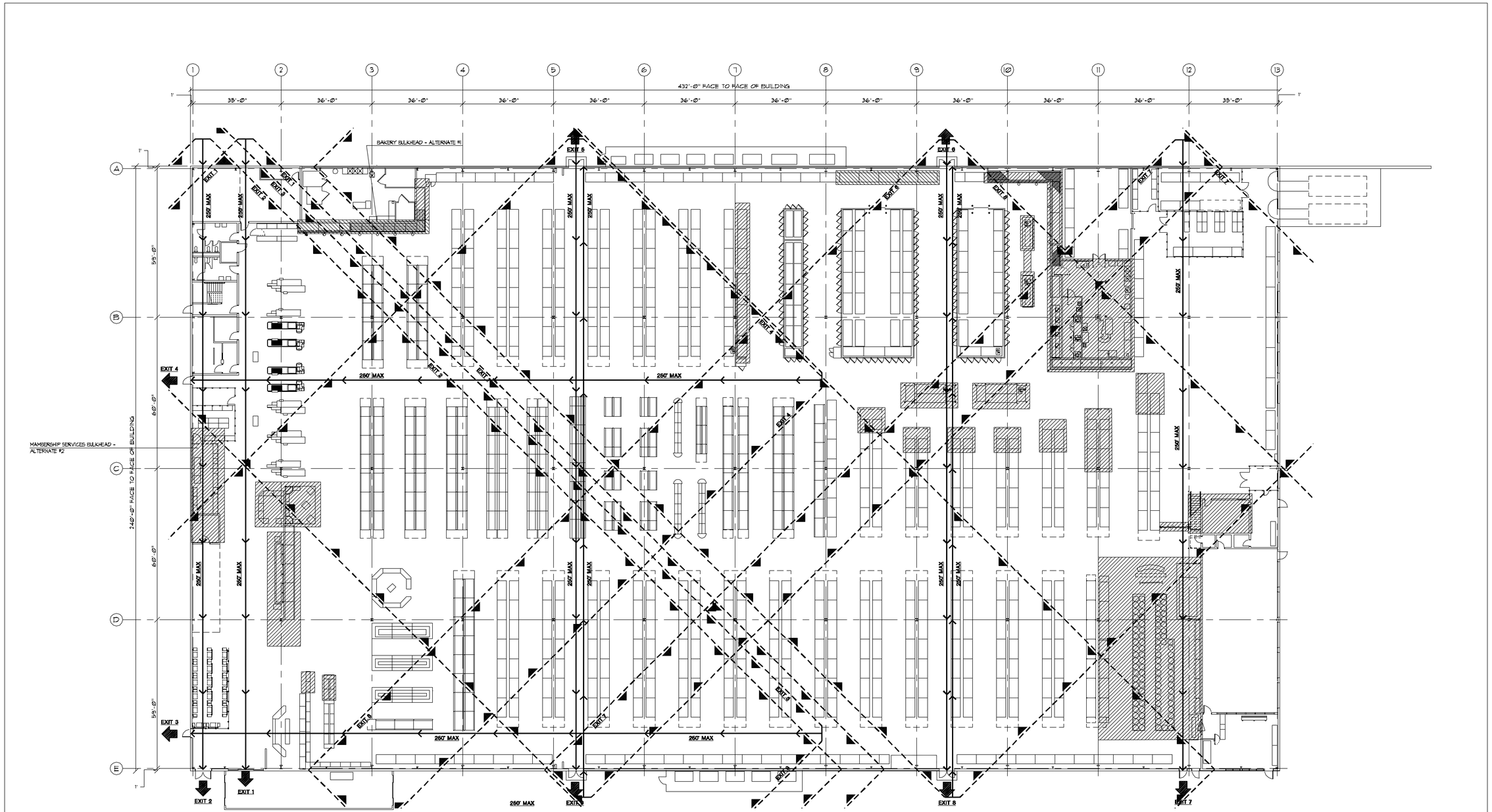


31	EGRESS PLAN
A0.2	SCALE: 1/16"=1'-0"

GOVERNING CODES

BUILDING : THE BOCA NATIONAL BUILDING CODE 1999
PLUMBING: INTERNATIONAL PLUMBING CODE 2000
MECHANICAL: INTERNATIONAL MECHANICAL CODE 2000
ELECTRICAL: NFPA 70 NATIONAL ELECTRIC CODE 2002
ACCESSIBILITY: CABO / ANSI A117.1-92

I. OCCUPANCY TYPE
A. MERCANTILE USE GROUP M (2 STORY), EXISTING - NOT CHANGED

II. CONSTRUCTION TYPE
A. MAINTAIN EXISTING - NONCOMBUSTIBLE (NC)
TYPE 2C UNLIMITEDD, EXISTING - NOT CHANGED

B. MINIMUM FIRE-RESISTANCE REQUIREMENTS OF STRUCTURAL ELEMENTS (FIRE-RESISTANCE RATINGS IN HOURS)

EXISTING, NOT CHANGED

1. EXTERIOR:
LOADBEARING.....0*
NONLOADBEARING.....0*
2. FIRE/PARTY WALLS.....2
3. FIRE SEPARATION ASSEMBLIES
FIRE ENCLOSURE OF EXITS.....1
SHAFTS (OTHER THAN EXITS) AND ELEVATOR HOISTWAYS.....1
MIXED USE AND FIRE AREA SEPARATIONS.....--
OTHER SEPARATION ASSEMBLIES.....1
4. FIRE PARTITIONS
EXIT ACCESS CORRIDORS.....--
TENANT SPACE SEPARATIONS.....1
5. DWELLING AND GUESTROOM SEPARATIONS.....1
6. SMOKE BARRIERS.....1
7. OTHER NONLOADBEARING PARTITIONS.....0
8. INTERIOR LOADBEARING WALLS, LOADBEARING PARTITIONS, COLUMNS, GIRDERS, TRUSSES (OTHER THAN ROOF TRUSSES) AND FRAMING
SUPPORTING MORE THAN ONE FLOOR.....0
SUPPORTING ONE FLOOR ONLY OR A ROOF ONLY.....0
9. STRUCTURAL MEMBERS SUPPORTING WALL.....0
10. FLOOR CONSTRUCTION INCLUDING BEAMS.....0
11. ROOF CONSTRUCTION INCLUDING BEAMS, TRUSSES AND FRAMING, ARCHES AND ROOF DECK
15' OR LESS IN HEIGHT TO LOWEST MEMBER.....0
MORE THAN 15' BUT LESS THAN 20' IN HEIGHT TO LOWEST MEMBER.....0
20' OR MORE IN HEIGHT TO LOWEST MEMBER.....0
ENCLOSURE OF STORAGE AND STOCKROOMS.....1

* NOT LESS THAN THE FIRERESISTANCE RATING BASED ON FIRE SEPARATION DISTANCE

III. FIRE SUPPRESSION SYSTEM
A. 100% SPRINKLERED, MODIFIED AT BAKERY, TIRE AREA SEE SPECIFICATION SECTION 13900

IV. BUILDING HEIGHT & AREA
A. HEIGHT
1. ALLOWABLE - UNLIMITED, EXISTING - NOT CHANGED
B. AREA
1. ALLOWABLE - UNLIMITED, EXISTING - NOT CHANGED

V. OCCUPANT LOAD
A. TENANT SPACE AREAS -
1. 93,413 SF @ 30 SF PER PERSON SALES AREA = 3032 OCC
2. 8,094 SF @ 300 SF PER PERSON STOCK AREA = 27 OCC
3. 3,776 SF @ 100 SF PER PERSON OFFICE AREA = 11 OCC
TOTAL = 3,071 OCC

VI. EXIT CAPACITY
A. WIDTH OF EXITS REQ'D - 3,174 OCCUPANTS X .15" PER PERSON = 476.8
B. WIDTH OF EXITS PROVIDED - 520"
EXISTING, NOT CHANGED

VII. OTHER LIFE SAFETY CONSIDERATIONS
A. MALL CORRIDOR WIDTH - 66" PASSAGEWAYS
B. DEAD END CORRIDOR - 20'-0" MAX.
C. AISLE WIDTH - 60" MAIN 44" SECONDARY
D. INTERIOR WALL & CEILING FINISHES - M (SPRINKLERED)
E. INTERIOR FLOOR FINISH
1. VERTICAL EXITS, EXIT PASSAGEWAYS AND EXIT ACCESS CORRIDORS: DOC FF-1 "PILL TEST"
2. ALL OTHER LOCATIONS : DOC FF-1 "PILL TEST"
F. MAXIMUM TRAVEL DISTANCE W/ SPRINKLERS = 250'
G. FIRE PROTECTION
1. FIRE ALARM SYSTEM - YES, EXISTING - NOT CHANGED
2. FIRE & SMOKE DETECTING SYSTEM - YES, EXISTING - NOT CHANGED
3. SPRINKLER SYSTEM - YES, EXISTING - NOT CHANGED
4. SMOKE CONTROL SYSTEM - YES, EXISTING - NOT CHANGED
5. NFPA 10 - 1998 PORTABLE FIRE EXTINGUISHERS ORDINARY (MODERATE) HAZARD.
- CLASS A FIRE
- MAXIMUM TRAVEL DISTANCE ON EXTINGUISHER TABLE 3-2.1 = 75 FEET
- TOP OF EXTINGUISHER NOT MORE THAN 5'-0" AFF
- TYPE OF EXTINGUISHER PROVIDED: 4A, 60BG-10#

VIII. PLUMBING FIXTURE REQUIREMENTS
A. NUMBER OF OCCUPANTS = 3032

EXISTING, NOT CHANGED

1. WATER CLOSETS - 1 PER 500 = 7 REQUIRED / 7 PROVIDED
2. LAVATORIES - 1 PER 750 = 5 REQUIRED / 6 PROVIDED
3. DRINKING FOUNTAINS - 1 PER 1000 = 4 REQUIRED / 4 PROVIDED
4. SERVICE SINK - 1 REQUIRED / 1 PROVIDED

AREAS WITHIN BOUNDARY DESIGNATED BY SYMBOL IS THE ALLOWABLE TRAVEL DISTANCE PERMITTED BY CODE.

SYMBOL DESIGNATES THE LOCATION OF AN EXIT ACCOMPANIED WITH A NUMBER DEFINING A SPECIFIC EXIT AND CAPACITY IN EXIT UNITS. (EU = 22")

AREAS OF RENOVATION

GENERAL NOTES:

A. THIS DIAGRAM REFLECTS TOTAL TRAVEL DISTANCE REQUIRED WITH FIXTURES ON THE SALES FLOOR BY LIMITED THE ZONE SERVED TO 45 THIS IS MORE CONSERVATIVE THAT THE ARC METHOD.

B. BUILDING EQUIPPED WITH AN EXISTING AUTOMATIC SPRINKLER SYSTEM THROUGHOUT- NEW SPRINKLER PROVIDED @ PHARMACY & BAKERY. REFER TO SPECIFICATION SECTION 13100, SPRINKLER SYSTEMS RENOVATIONS, FOR SCOPE OF WORK AT RENOVATED AREAS.

C. REFER TO ELECTRICAL DRAWINGS FOR FIRE ALARM.

D. REFER TO DRAWING A2.1 FOR AISLE WIDTHS AT NEW FIXTURE LOCATIONS.

E. DOOR WIDTH REDUCED FOR CLEAR WIDTH BY SUBTRACTING STOPS AND/OR DOOR THICKNESS SEE 46/A0.2

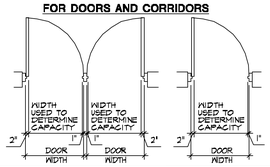
GENERAL NOTES

A. THIS DIAGRAM REFLECTS TOTAL TRAVEL DISTANCE REQUIRED WITH FIXTURES ON THE SALES FLOOR BY LIMITED THE ZONE SERVED TO 45 THIS IS MORE CONSERVATIVE THAN THE ARC METHOD.

B. BUILDING EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM THROUGHOUT - SEE SPECIFICATION SECTION 13900

C. DOOR WIDTH REDUCED FOR CLEAR WIDTH BY SUBTRACTING STOPS AND/OR DOOR THICKNESS SEE 46/A0.3

.15" OF EXIT WIDTH REQUIRED PER PERSON FOR DOORS AND CORRIDORS



41	RENOVATION CODE REVIEW / GENERAL NOTES
A0.2	SCALE: NONE

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PERMIT/BID SET
4/12/04

RENOVATIONS TO :
B.J'S WHOLESALE CLUB
PORTLAND, MAINE

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE AND PROMPTLY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES

REVISIONS

DRAWN BY:	CPK
CHECKED BY:	TPO
PROJ. NO.:	04027
DATE:	4/12/04
SCALE:	AS NOTED
TITLE:	

EGRESS PLAN & CODE REVIEW

A0.2