

LEGEND:

- OL OCCUPANT LOAD / AREA
- TD TRAVEL DISTANCE
- GSF GROSS SQUARE FOOT AREA
- STAIR OR DOOR EXIT CAPACITY
- A ASSEMBLY (WAITING, CONCENTRATED W/NOT FIXED CHAIRS) USE @ 1 SF/PERSON
- A ASSEMBLY (WAITING CONCENTRATED) USE @ 3 SF/PERSON
- A ASSEMBLY (WAITING UNCONCENTRATED) USE @ 15 SF/PERSON
- AC ACCESSORY USE ('NO OCCUPANCY')
- M MECHANICAL @ 300 SF/PERSON
- O OFFICE USE @ 100 SF/PERSON
- S STORAGE USE @ 300 SF/PERSON
- F FIRE-RATED DOOR AND FRAME "B" LABEL 1 1/2 HRS.
- FIRE RATED WALL / PARTITION (HRS. AS NOTED)
- FE-1 SURFACE MOUNTED FIRE EXTINGUISHER & CABINET ABC TYPE 2-A RATED
- FE-2 SEMI-RECESSED FIRE EXTINGUISHER & CABINET ABC TYPE 2-A RATED
- INTERNALLY ILLUMINATED EXIT SIGN
- CLEAR WIDTH OF DOOR, RAMP OR STAIR IN INCHES
- 36 180 TOTAL MAX. EXIT CAPACITY ALLOWABLE

NOTE:

ALL LOAD FACTORS ARE TAKEN FROM THE BOCA NATIONAL BUILDING CODE

NOTE:

ONE FIRE EXTINGUISHER SHALL BE PROVIDED FOR EVERY 3000 SQ. FT. WITH A MAXIMUM DISTANCE OF TRAVEL NOT EXCEEDING 75'-0". TOP OF EXTINGUISHER NOT TO EXCEED 5'-0" ABOVE FLOOR FINISH.
ALL FIRE EXTINGUISHERS PROVIDED WILL BE A MIN 2A 10BC AND SHALL BE RECESSED IN WALL CABINETS.

CODE SUMMARY

BOCA BUILDING CODE 2003 AND NFPA

OCCUPANCY GROUP GROUP A3 - ASSEMBLY, TERMINALS.

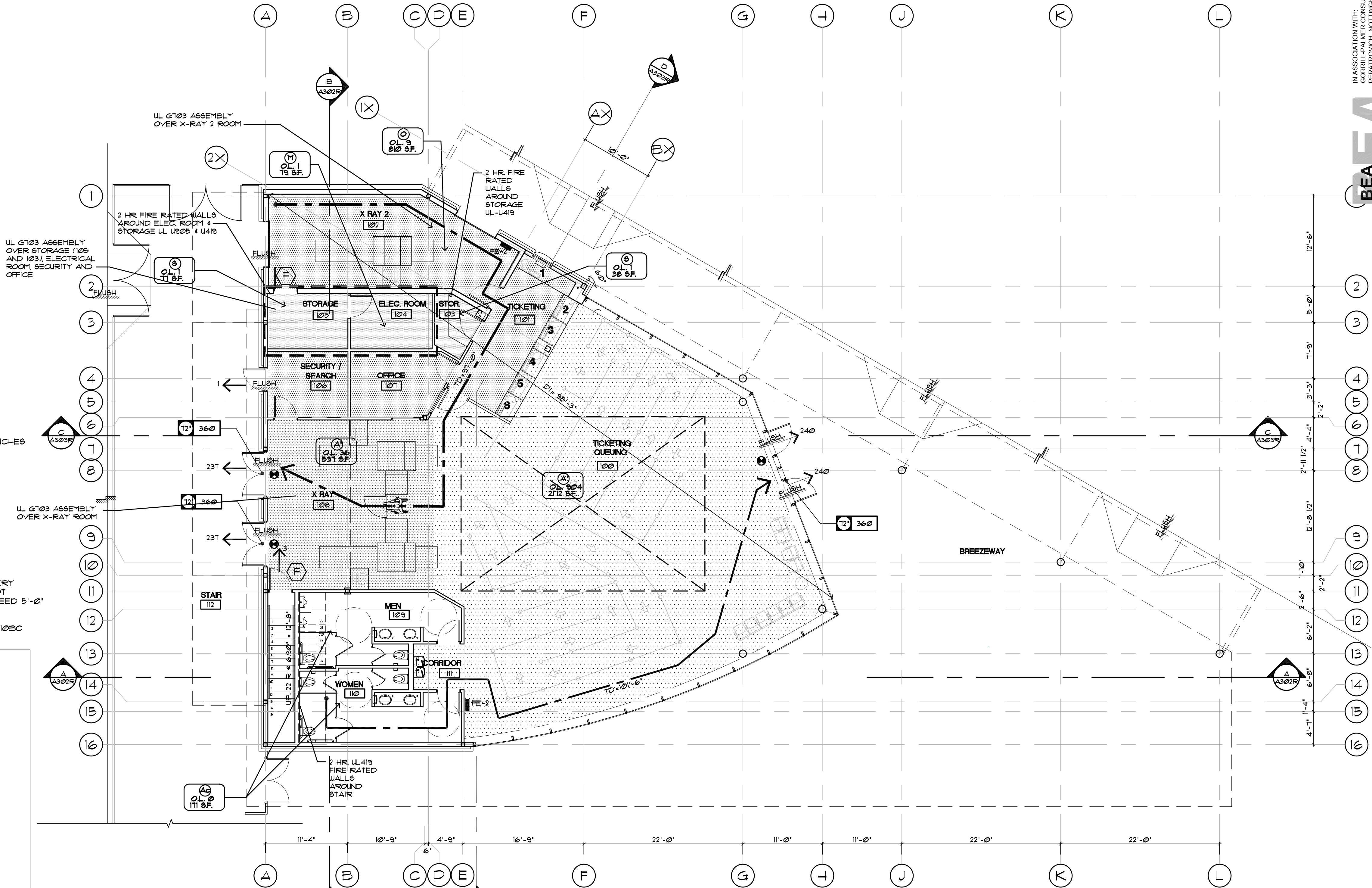
BUILDING TYPE: LOWER LEVEL TYPE 3B

- EXTERIOR WALLS LOADBEARING: 2 HRS. FIRE RATED (F.R.)
- NON LOADBEARING: 0 HRS. F.R.
- FIRE & PARTY WALLS: 2 HRS. F.R.
- FIRE ENCLOSURE OF EXITS: 2 HRS. F.R.
- SHAFTS (INCLUDE ELEVATOR): 2 HRS. F.R.
- INTERIOR LOADBEARING WALLS, LOADBEARING PARTITION, COLUMNS, GIRDERS, TRUSSES (OTHER THAN ROOF TRUSSES), AND FRAMING SUPPORTING MORE THAN ONE FLOOR: 0 HRS. F.R.
- SUPPORTING ONE ROOF ONLY OR A ROOF: 0 HR. F.R.
- STRUCTURAL MEMBER SUPPORTING WALL: 0 HR. F.R.
- FLOOR CONSTRUCTION INCLUD. BEAMS: 0 HR. F.R.
- ROOF CONSTRUCTION INC. BEAMS, TRUSSES, FRAMING AND ROOF DECK: 15' OR LESS HEIGHT OF LOWER MEMBER: 0 HR. F.R. MORE THAN 15' BUT LESS THAN 20': 0 HR. F.R. MORE THAN 20': 0 HR.

EGRESS WIDTHS: NFPA (MOST RESTRICTIVE)

- DOORS:** 180 PERSONS P/EGRESS UNIT (SIMPLE DOOR) 2 INCH/PERSON
- 360 PERSONS P/EGRESS UNIT (DOUBLE DOOR) 2 INCH/PERSON
- STAIRS:** 3 INCH/PERSON
- RAMP:** 2 INCH/PERSON

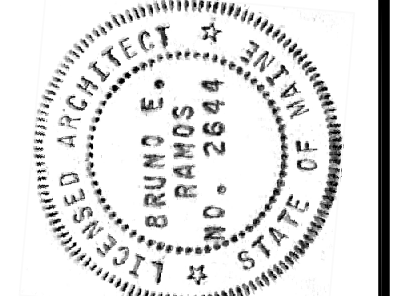
- ALLOWABLE AREAS:** AREAS OF BUILDINGS OVER ONE STORY, 8,400 sq.ft. x 200% (5042 BOCA) = 16,800 sq.ft.
- ALLOWABLE HEIGHT:** 30' + 20' (5042 BOCA) + 50'
- 2 LEVELS + 1 (5042 BOCA) = 3 FLOORS.
- MAX. TRAVEL DIST.:** 250'-0" SPRINKLERED
- MAX. DEAD END:** 20 FEET
- No. OF EXITS REQD:** 3 EXITS (OCCUPANT LOAD: 501-1000)
- DISTANCE BETWEEN EXITS REQD:** D2 > D1/3 (140 1/3' / 3 < 70 1/3') W/AUTOMATIC SPRINKLER SYSTEM



LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

BEA
IN ASSOCIATION WITH:
GERRILL-PALMER CONSULTING ENGINEERS
PERATROVICH, NOTTINGHAM, & DRAGE
WINTON SCOTT ARCHITECTS
PALEY & ALDRICH

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00
PIN 009215.00



PROJ. MANAGER	PAUL POTTLE	DATE	09/08/04
DESIGN-DETAILED	L.L.	A.R.S.	09/08/04
CHECKED-REVIEWED	G.C.	B.E.R.	09/08/04
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1	VAAP 22 DESIGN CHANGE	10/15/05	
REVISIONS 2	VAAP-VE-CODE CHANGES	12/23/05	
REVISIONS 3			
REVISIONS 4			
REVISIONS 5			
FIELD CHANGES			

CITY OF PORTLAND
OCEAN GATEWAY PHASE 1
LIFE SAFETY PLAN
GROUND FLOOR

A-101-R