

LEGEND:

- ⊙L OCCUPANT LOAD / AREA
- ⊙D TRAVEL DISTANCE
- ⊙Sf 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 1½ HRS.
- FIRE RATED WALL / PARTITION (HRS. AS NOTED)
- FE-1 SURFACE MOUNTED FIRE EXTINGUISHER 4 CABINET ABC TYPE 2-A RATED
- FE-2 SEMI-RECESSED FIRE EXTINGUISHER 4 CABINET ABC TYPE 2-A RATED
- ⊙ Internally illuminated EXIT SIGN
- CLEAR WIDTH OF DOOR, RAMP OR STAIR IN INCHES
- ⊙36 ⊙80 TOTAL MAX. EXIT CAPACITY ALLOWABLE

NOTE:

ALL LOAD FACTORS ARE TAKEN FROM THE 2003 BOCA NATIONAL BUILDING CODE (UNLESS NOTED OTHERWISE)

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.

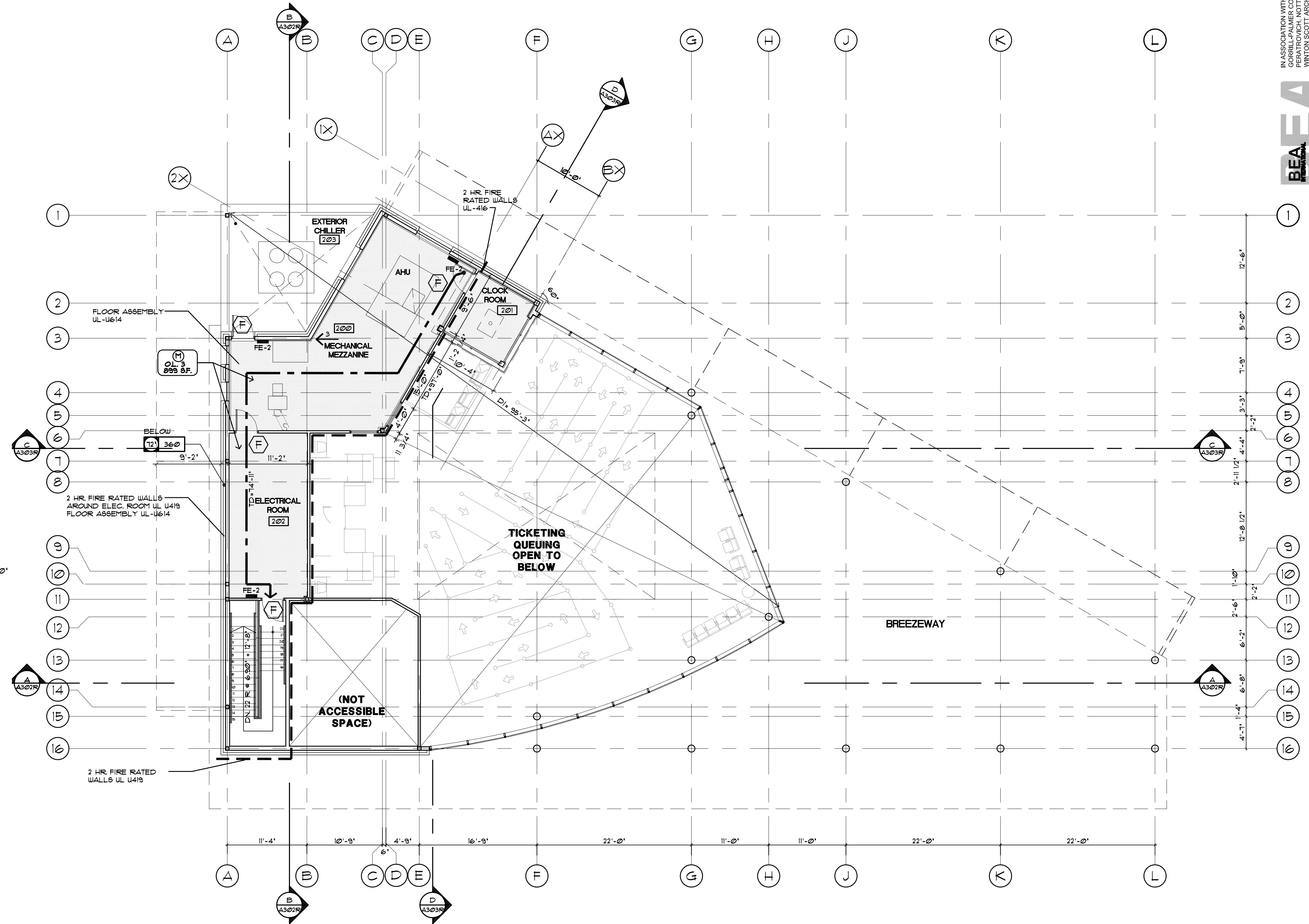
BUILDING TYPE: LOWER LEVEL TYPE 3B

- EXTERIOR WALLS LOADBEARING: 2 HRS. FIRE RATED (F.R.)
- NON LOADBEARING: 0 HRS. F.R.
- FIRE 4 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, GIRDES, 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)

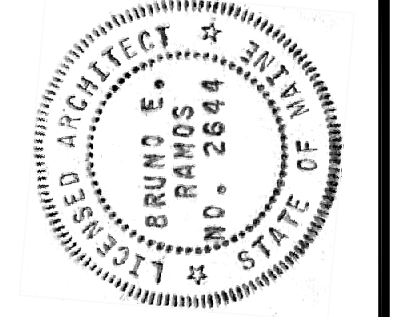
- DOORS:** 120 PERSONS P/EGRESS UNIT (SIMPLE DOOR) 2 INCH/PERSON
- 360 PERSONS P/EGRESS UNIT (DOUBLE DOOR) 2 INCH/PERSON
- STAIRS:** 3 INCH/PERSON
- RAMP:** 2 INCH/PERSON

- 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)'/3 < 70%' w/AUTOMATIC SPRINKLER SYSTEM



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

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NUMBER 009215.00



PROJ. MANAGER PAUL POTTLE
DATE 12/23/05

BY	DATE	REVISIONS
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1	VAAP 22 DESIGN CHANGE 10/15/05	P. LICENCE NUMBER
REVISIONS 2	VAAP-VE-CODE CHANGES 12/23/05	DATE
REVISIONS 3		
REVISIONS 4		
REVISIONS 5		
FIELD CHANGES		

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

A-102-R