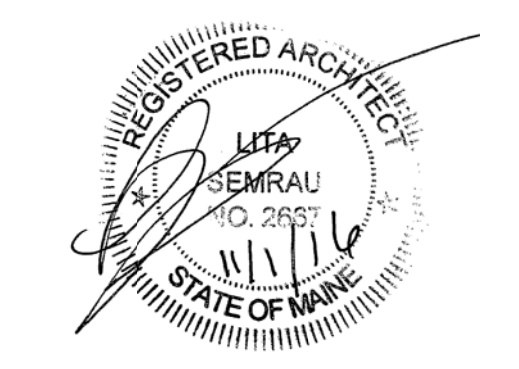


FIRST FLOOR EGRESS AND LIFE SAFETY NOTES

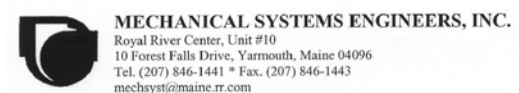
- THIS CODE REVIEW AND LIFE SAFETY PLAN IS BASED ON THE SHELL DRAWINGS FOR THIS SPACE ONLY. THE TENANT WILL DRAWINGS ARE SEPARATE FROM THIS SUBMISSION.
- THE ROOF ACCESS LADDER IN THE JANITOR'S CLOSET IS APPROX. XX' AND DOES NOT EXCEED 24" TO THE TOP OF THE LADDER (FROM FINISH FLOOR). PER OASB 304-10R (2003) REQUIREMENTS, THE LADDER IS NOT REQUIRED TO HAVE A CAGE, SAFETY DEVICES, OR SELF-RETRACTING LIFELINES.
- THE HYAC SHAFTS SHOWN WILL BE CONSTRUCTED OF 1-HR DUCTS W/ FIRE DAMPERS AT THE FLOOR/CEILING LEVEL.
- THE EXISTING WALL BETWEEN THE AREA OF WORK AND THE ADJACENT BUILDING IS A MULTI-WYTHE BRICK MASONRY WALL. FOR PURPOSES OF CALCULATING THE EXISTING FIRE RATING, IT IS ASSUMED TO BE A THREE-WYTHE SOLID CLAY BRICK MASONRY WALL WITH NO AIRSPACES. THE FIRE-RATING CALCULATION IS AS FOLLOWS:
 $R = (R_1^{0.75} + R_2^{0.75} + R_3)$
 NOTE: 3/8" OF WIDTH FOR A SOLID CLAY UNIT IS REQUIRED FOR A 2-HR RATING. IT IS ASSUMED THAT THE UNIT IS 3/8" WIDE. THEREFORE, EA. WYTHE OF BRICK IS CONSIDERED 1-HOUR.
 $R = (1 + 1 + 1)^{.75}$
 $R = 6.41$ HOURS TOTAL
- PURSUANT TO IBC SECTION 106.61 (STEPPED BUILDINGS): THE PLAN NORTH WALL OF THIS BUILDING IS SHARED WITH THE ADJACENT BUILDING. THE ADJACENT BUILDING HAS A ROOF HEIGHT THAT IS SEVERAL STORIES ABOVE THE BUILDING ASSOCIATED WITH THESE PLANS. THE WALL BETWEEN THESE TWO BUILDINGS IS A MULTI-WYTHE BRICK MASONRY WALL (DESCRIBED ABOVE). THE MULTI-WYTHE WALL EXTENDS UP PAST THE LOWER ROOF LEVEL, BUT THERE ARE WINDOWS IN THE ADJACENT BUILDING THAT ARE WITHIN 15'-0" OF THE LOWER ROOF. OBVIOUSLY, PROTECTION OF THESE WINDOWS IS NOT WITHIN THE SCOPE OF THIS PROJECT. PROVIDING A 1-HOUR FIRE-RATED ROOF WOULD PROVE DIFFICULT AND NEFFECTIVE DUE TO THE EXISTING HISTORIC TRUSSES. THEREFORE, AN ENHANCED SPRINKLER SYSTEM WILL BE PROVIDED AT THE ROOF (AND ASSOCIATED STRUCTURE) WITHIN 10'-0" OF THE SEPARATION WALL. THE BUILDING WILL BE FULLY SPRINKLED AND IN ADDITION WILL HAVE HEADS TO FLOOD THE ROOF AND STRUCTURE IN THIS 10'-0" AREA.



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Consultants:



PERMIT SET
 11-1-16

NOT FOR
 CONSTRUCTION

NEWPORT
 DEVELOPMENT
 ASSOCIATES

164 Middle St
 Portland, Maine

#	DATE	DESCRIPTION

Date Issued: November 1, 2016
 Project Number: 16201
 Drawing Scale: AS NOTED

**FIRST FLOOR
 EGRESS PLAN**

Drawn By: JPF CM
 TS CR
 Checked By: LAS
LS-1.2

SPRINKLER SYSTEM: YES
 FIRE ALARM SYSTEM: YES
 TOTAL SQUARE FEET (1st): 7,452±
 TOTAL OCCUPANT LOAD (1st): 220 OCCUPANTS

1 LIFE SAFETY PLAN - FIRST FLOOR
 SCALE: 3/16" = 1'-0"