

- LEGEND**
- WALL
- 1 HOUR CONSTRUCTION
- 8" CONCRETE FROST WALL WITH CONCRETE FOOTING
- EMERGENCY LIGHTING
- PULL STATION
- EXIT SIGN
- STYEM SMOKE DETECTOR / AUDIO VISUAL FIRE ALARM
- STYEM CARBON MONOXIDE DETECTOR / AUDIO VISUAL FIRE ALARM
- ANNUNCIATOR PANEL
- KNOX BOX
- SINGLE STATION SMOKE DETECTOR / AUDIO VISUAL FIRE ALARM
- KEYED NOTES**
- 1 GAS FIRED BOILER
 - 2 WATER HEATER
 - 3 GAS FIRED BOILER EXHAUST VENT
 - 4 SPRINKLER RISER
 - 5 SEWER EXIT
 - 6 GAS ENTRY
 - 7 WATER ENTRY
 - 8 ELEC. / PHONE ENTRY
 - 9 GAS FIRED BOILER EXHAUST DUCT
 - 10 RANGE HOOD EXHAUST FAN VENT (HARD DUCTED)
 - 11 BATHROOM EXHAUST FAN VENT (HARD DUCTED)
 - 12 RANGE HOOD EXHAUSTS IN THIRD FLOOR KITCHEN ARE HARD DUCTED THRU THE ROOF
 - 13 CONCRETE SLAB
 - 14 VERTICAL WHEELCHAIR LIFT

PROJECT DESCRIPTION
THE PROJECT CONSISTS OF THE RENOVATION OF AN EXISTING, 4 STORY (INCLUDING BASEMENT), WOOD FRAMED BUILDING.

THE EXISTING OCCUPANCY IS MIXED USE - BUSINESS ON THE FIRST AND SECOND FLOOR, AN APARTMENT ON THE THIRD FLOOR.

PROPOSED OCCUPANCY
MIXED USE - A RESIDENTIAL BOARD AND CARE OCCUPANCY ON THE FIRST AND SECOND FLOORS, AN APARTMENT ON THE THIRD FLOOR.

LIFE SAFETY
THE BUILDING WILL BE FULL SPRINKLED PER NFPA 13R. THE SPRINKLER SYSTEM WILL BE SUPERVISED.

EGRESS WINDOWS IN SLEEPING ROOMS ARE REQUIRED PER STATE OF MAINE STATUTE TITLE 25, SECTION 2453.

THE BUILDING WILL HAVE A FIRE ALARM SYSTEM. DEVICES ARE SHOWN ON LIFE SAFETY PLANS.

THE TWO OCCUPANCIES WILL BE SEPARATED BY 1 HOUR RATED CONSTRUCTION AS SHOWN ON THE LIFE SAFETY PLANS AND SECTION. PENETRATIONS OF THE RATED SEPARATION WILL BE FIRE SEALED. BATHROOM EXHAUST FANS ARE RATED FOR USE IN ONE HOUR CONSTRUCTION AND INCLUDE FIRE DAMPERS.

A STAIR TOWER WILL BE CONSTRUCTED AT THE REAR OF THE BUILDING PROVIDING AN ENCLOSED ONE HOUR RATED MEANS OF EGRESS FOR BOTH OCCUPANCIES. DOORS OPENING ONTO THE STAIR TOWER ARE RATED FOR USE IN ONE HOUR CONSTRUCTION.

CODE ANALYSIS - NFPA 2009

CHAPTER 32 - NEW RESIDENTIAL BOARD & CARE OCCUPANCY

CHAPTER 31 - EXISTING APARTMENT BUILDING.

MEANS OF ESCAPE - PRIMARY - INTERIOR STAIR PER 32.2.2.4 & 31.2.4.3.

SMOKE DETECTOR ALARMS - REQUIRED PER 32.2.3.4.3

AUTOMATIC SPRINKLER SYSTEM - NFPA 13R PER 32.2.3.5.3.1.

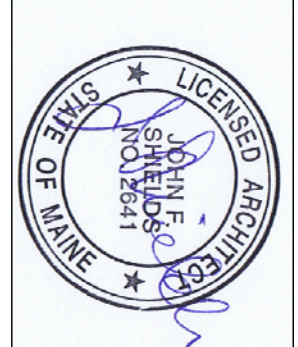
OCCUPANCY SEPARATION - 1 HOUR PER TABLE 6.1.14.4.1(10).

DWELLING UNIT SEPARATION - 1/2 HOUR PER 32.2.3.6.

CORRIDOR WALLS - 1/2 HOUR PER 32.2.3.6.

SLEEPING ROOM DOORS - 20 MIN. RATED PER 32.2.3.6.

FIRE EXTINGUISHERS - NOT REQUIRED BY CHAPTER 31 OF CHAPTER 32.



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Architect:
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Project:
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Date:
4/8/13

Scale:
1/8" = 1'-0"

Drawing:
LIFE SAFETY PLANS

LSP-1