Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 02/16/16

CONTRACTOR TO MODIFY AND ADD TO EXISTING SPRINKLER AND ALARM SYSTEM TO INCLUDE RENOVATED PORTIONS OF WORK IN THIS AREA. CONTRACTOR TO BE RESPONSIBLE FOR THE DESIGN, ALL STATE AND LOCAL PERMITS AS REQUIRED AND PROVIDE A COMPLETE AND USABLE SYSTEM FOR THE PURPOSE INTENDED.

GENERAL NOTES:

ENTIRE BUILDING IS PROTECTED AND MONITORED WITH APPROVED SPRINKLER AND ALARM SYSTEM. IF MODIFICATIONS ARE TO BE MADE IN AREA OF WORK, CONTRACTOR TO SUPPLY DESIGN AND OBTAIN PERMITS.

BUILDING HAS AN EMERGENCY GENERATOR THAT POWERS SPECIFIC BUILDING LIGHTS THAT SERVE AS EMERGENCY LIGHTS. RENOVATED AREA IS PART OF THIS SYSTEM.

ALL NEW SPRINKLERS, ALARMS, CONTROLS AND ADDITIONAL LIFE SAFETY COMPONENTS IF REQUIRED, ARE TO BE TIED INTO THE EXISTING SYSTEM

DRAWING INDICATES EXISTING PULL STATIONS, EXIT SIGNS AND EMERGENCY STROBE ALARMS

TELEPHONE	T
STOBE ALARM	STR
HEAT DETECTOR	HD
JUNCTION BOX	J
ELECTRICAL PANEL	P
EXIT SIGN	EXIT
PULL STATION	PS

WING A

HARBOR TERRACE APARTMENTS
284 DANFORTH STREET

GENERAL DISCRIPTION OF PROJECT

INSTALLATION OF TWO PAIRS OF AUTOMATIC SLIDING DOORS TO CREATE AN AIRLOCK VESTIBULE NEAR THE EXISTING ELEVATORS ON THE FIRST FLOOR LEVEL OF HARBOR TERRACE IN ORDER TO REDUCE COLD AIR FROM ENTERING THE ELEVATOR LOBBY TO REDUCE ENERGY CONSUMPTION AND ADD TO THE COMFORT OF THE ELDERLY AND DISABLED RESIDENTS WAITING FOR THE ELEVATOR.

THE RENOVATIONS WOULD CONSIST OF INSTALLING TWO PAIRS OF AUTOMATIC SLIDING DOORS ON EITHER SIDE OF THE ELEVATORS.

ELECTRICAL WORK TO PROVIDE POWER TO THE DOORS WOULD HAVE TO BE PERFORMED.

FIRE CLASSIFICATIONS AND SUMMARY

USE GROUP-RESIDENTIAL< 300
(6,1,8,1)

EXISTING STRUCTURE IS FULLY SPRINKLED AND EQUIPTED WITH A MONITORED DETECTION SYSTEM

EXISTING CORRIDOR WALLS CONSIST OF 2 1/2" STEEL STUDS WITH 1/2" SOUND BOARD ON BOTH SIDES AND 1/2" GYP BD ON BOTH SIDES. THERE IS NO RATING FOR THIS WALL

EXIT ENCLOSURE 2X4 WITH 5/8" FC GYP BD BOTH SIDES 1 HOUR RATING, UL LISTING 305

CONSTRUCTION TYPE
1B PROTECTED

OCCUPANT LOAD
THE OCCUPANT LOAD BASED ON 200 SF PER PERSON DIVIDED INTO 4258 SF OF FLOOR SPACE FOR THE APARTMENTS AND ALLOWANCE OF 4 ADDITIONAL PEOPLE FOR THE MAINTENANCE/STORAGE AREA ON THIS FLOOR WOULD BE 26
NFPA TABLE 7.3.1.2

MEANS OF EGRESS FROM UNITS
TWO EXITS.
TRAVEL DISTANCE:
ONE EXIT TO EXTERIOR LANDING, 3 STEPS TO WALKWAY-80'
ONE EXIT TO EXTERIOR LANDING, 3 STEPS TO WALKWAY-123'

FLOOR 1
HARBOR TERRACE
PORTLAND HOUSING AUTHORITY

FIRE DEPARTMENT INFO

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

40 30 20 10 5

HARBOR TERRACE VESTIBULE DOORS

284 DANFORTH SREET

F.1

PORTLAND FIRE DEPARTMENT
INFORMATION DRAWING
JANUARY 4, 2016

PORTLAND HOUSING AUTHORITY
14 BAXTER BOULEVARD
PORTLAND, MAINE 04101