



EMERY STREET

DANFORTH STREET

FLOOR 1  
HARBOR TERRACE  
PORTLAND HOUSING AUTHORITY  
FIRE DEPARTMENT INFO  
SCALE: 1/8"=1'-0"

HARBOR TERRACE APARTMENTS  
284 DANFORTH STREET  
GENERAL DISCRPTION 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 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 EQUIPPED 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'

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
- STOBE ALARM STR
- HEAT DETECTOR HD
- JUNCTION BOX
- ELECTRICAL PANEL
- EXIT SIGN EXIT
- PULL STATION PS

WING B

WING A

WOOD STUD WALL 3/5/8" FC GYP BD BOTH SIDES ENCLOSURE AT STAIR-1HR UL LISTING 305  
B-LABEL DOOR W/ CLOSER

CORRIDOR WALLS CONSIST OF 2 1/2" STEEL STUDS WITH A 1/2" LAYER OF SOUND BOARD AND A 1/2" LAYER OF GYP BOARD ON BOTH SIDES. NO UL RATING.

CORRIDOR WALLS CONSIST OF 2 1/2" STEEL STUDS WITH A 1/2" LAYER OF SOUND BOARD AND A 1/2" LAYER OF GYP BOARD ON BOTH SIDES. NO UL RATING.

WOOD STUD WALL 3/5/8" FC GYP BD BOTH SIDES ENCLOSURE AT STAIR-1HR UL LISTING 305  
B-LABEL DOOR W/ CLOSER

TRAVEL DISTANCE 80'

TRAVEL DISTANCE 123'

AREA OF WORK

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