

ACCESS

SMOKE COMPARTMENT #1

5901 SF

CORRIDOR

PLAN NORTH

2 HOUR EXIT

CORRIDOR -

COMPARTMENT #2

7299 SF

LEVEL 1 LIFE SAFETY PLAN - LEVEL OF EXIT DISCHARGE

ACCESS

connecting four stories or more, and not less than 1 hour where connecting less than four stories 2-hour w/ 90 minute opening protectives Exit stair enclosures Smoke Compartments Minimum two in Ambulatory care over 10,000 sf.

floor area, means of egress throughout the floor shall be provided with illumination and emergency

**43.6.4.1** In a building with rehabilitation work areas involving over 50 percent of the aggregate building

area, automaticsprinkler systems shall be provided on the highest floor containing a rehabilitation work

CONSTRUCTION TYPE:
Existing Construction - NFPA Type II (1,1,1), IBC Type IIA The building is permitted as type 2A in

Smoke barriers. Smoke Barriers shall be provided to subdivided every ambulatory care facility greater than 10,000 sf. Into a minimum of 2 smoke compartments per story. The travel distance from any point

in a smoke compartment to a smoke barrier door shall not exceed 200 feet. the smoke Barriershall be

STORIES >2 PERMITED

NO MINIMUM REQUIREMENTS

lighting in accordance with the requirements of other sections of this Codeapplicable to new

area and on all floors below inaccordance with the requirements of other sections of thisCode

construction for the occupancy, unless otherwise specified in 43.6.2.2.4.

applicable to new construction for the occupancy.

ALLOWABLE AREA PER FLOOR - BUILDING 3: IBC 503

ACTUAL OCCUPANCY AREAS - BUILDING 3: EACH LEVEL - BUSINESS;13,500 SF

AREA RATIOS:
BASED ON BUSINESS OCCUPANCY - 13,500/112,500 = 0.12

Level 3 - Business (IBC 304)

FIRE PROTECTION SYSTEMS: Existing NFPA-13

<u>TYPE</u>

NFPA-101

II (111) BUSINESS

SEPARATION OF OCCUPANCIES: IBC 508.4, Table 508.4

installed in accordance with 710

No separation required for Business Occupancy

OCCUPANCY CLASSIFICATIONS/OCCUPANCY GROUPS:

Level 4 - Business and Ambulatory Care (IBC 304, NFPA 20 and 38)

accordance with BOCA 1996. This would exceed current type 2A construction.

Fire Barriers Fire barriers must be continuous from floor deck to the floor or roof assembly above. Structure supporting fire barriers that provide enclosure of exits or protection of vertical openings must be provided with a fire-rating corresponding to the fire-rating of the supported fire barrier.

MEANS OF EGRESS: Egress width: Stairs .3"/person (not less than 44") Corridors/doors/ramps .2"/person (min 44" in Business/Ambulatory Door Width: Min clear 32", Max leaf 48" Common path of travel: Business IBC 1014.3 - Shall not exceed 100' NFPA 38.2.5.3.1 - Shall not exceed 100' NFPA Reference 38.2.5

Two exits or exit access from any Space space w/ o.l.< 49 or where Common Path of Travel distance is exceeded. Min two exits from each floor level. Distance to an exit:

300 ft (IBC/NFPA) 200 ft (NFPA) Ambulatory Business 50 ft (IBC/NFPA) Dead End: 50 ft (NFPA) Ambulatory

ARCHITECTS

49 DARTMOUTH STREET

PORTLAND, MAINE 04101 207-775-1059 www.pdtarchs.com

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No. Date Description

Revision Schedule

JOB NO.

DRWN. CHK

14054

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SCALE:

PERMIT SET

LIFE SAFETY PLANS

03/18/16