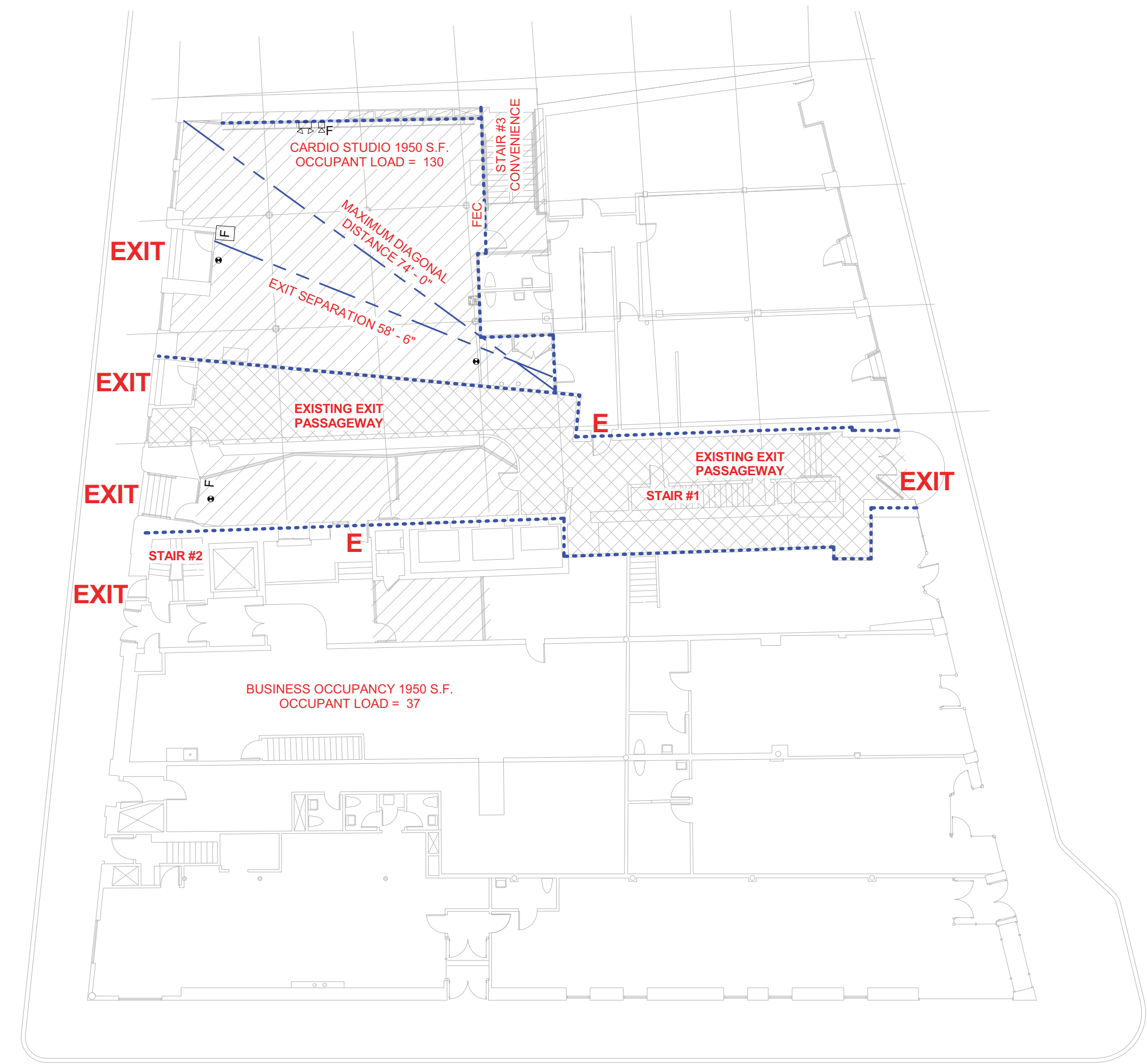


Revision: March 20, 2014
Change name of room and increase occupant load to maximum allowed by capacity of existing egress stairs:
Collaboration Room: 2124 S.F. (Assembly Occupancy)
Occupant Load - 154
This space will be posted for 154 occupants
Per NFPA 12.1.7, the maximum probable occupant population shall be used when it exceeds the factors of table 7.3.1.2

Revision: March 20, 2014
Add floor area and occupant load of existing business tenant space on 2nd floor
Existing Business Office: 9000 S.F.
Occupant Load = 90

Business Space A: 9000 SF
Occupant Load -90

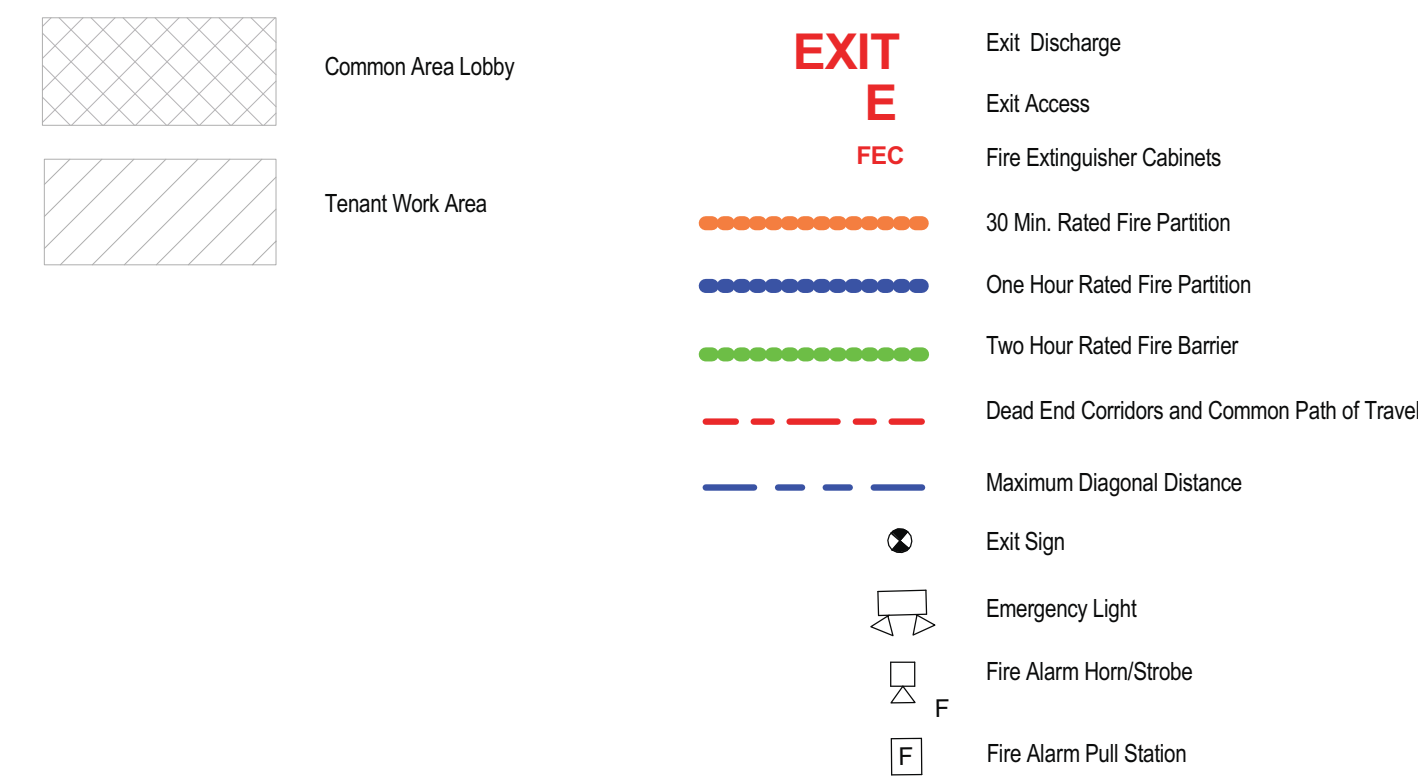
2 Level 2 Life Safety Plan
1/16" = 1'-0"



1 Level 1 Life Safety Plan
1/16" = 1'-0"

Revision: March 20, 2014
Calculate and provide maximum allowable occupant load for entire 2nd floor base on capacity of existing stairs.
Per NFPA and IBC stair capacity equals 0.3 inches per occupant
loss of one stair shall not reduce egress capacity by more than half of total required, so narrower stair governs:
Stair 1 = 41 1/2" wide, Stair 2 = 45" wide
Stair 1 = 41 1/2" wide capacity = 138 people
Occupant capacity of 2nd floor = 138 x 2 = 276
Occupant Loads of 2nd floor
Business Space A: 90 people
Fitness Room: 32 people
Collaboration Room: 154 people
Total Occupant Load: 276 people

LIFE SAFETY PLAN LEGEND



CODE SUMMARY

CONSTRUCTION TYPE
USE GROUP
TENANT USE
CHANGE OF USE
SPRINKLERED
OCCUPANT LOAD >49
COMMON PATH OF TRAVEL
EXIT SEPARATION
EXIT ACCESS TRAVEL
DEAD END CORRIDOR

3-B
MIXED USE/SEPARATED BUSINESS
NO
YES
2 EXITS REQUIRED
100' MAX
1/3 DIAGONAL DISTANCE
300' MAX
50' MAX

PROJECT DESCRIPTION

PARTIAL FIT-UP OF 1ST & 2ND FLOOR OF EXISTING 6 STORY BUILDING WITH MASONRY EXTERIOR BEARING WALLS AND STEEL & WOOD FRAMED INTERIOR STRUCTURE.
TWO NEW CONVENIENCE STAIRS WITHIN TENANT SPACE TO BE PROVIDED.
EXISTING TENANT LOBBY TO BE RENOVATED. NEW LUNCH RM, CARDIO RM, & FITNESS RM TO BE PROVIDED.
EXISTING BUILDING AREA +/- 99,800 S.F.
EXISTING FLOOR PLATE +/- 18,700 S.F.
TOTAL FIT-UP AREA +/- 8,600 S.F.

Josef Chalal
AR 2354
State of Maine
Licensed Architect

- List of Drawings
- A0.01 Life Safety Plans
 - A1.01 First Floor Plan (north)
 - A1.02 First Floor Plan (south)
 - A1.03 Second Floor Plan
 - A1.04 3d Floor Plan
 - A1.05 1st Fl Reflected Ceiling Plan
 - A1.06 2nd Fl Reflected Ceiling Plan
 - A2.01 Interior Elevations
 - A2.02 Interior Elevations
 - A3.01 Stair #3, HVAC chase
 - A3.02 Stair #4
 - A4.01 Changing Rooms (Lockers)
 - A5.01 Wall Types
 - A6.01 Schedules
- Purpose of these drawings:
permit and construction
- Date of these drawings:
~~November 15, 2013~~
November 22, 2013

Diversified Communications
Proposed Tenant Improvements
121 Free Street,
Portland Maine, 04101

Life Safety Plan

A0.01