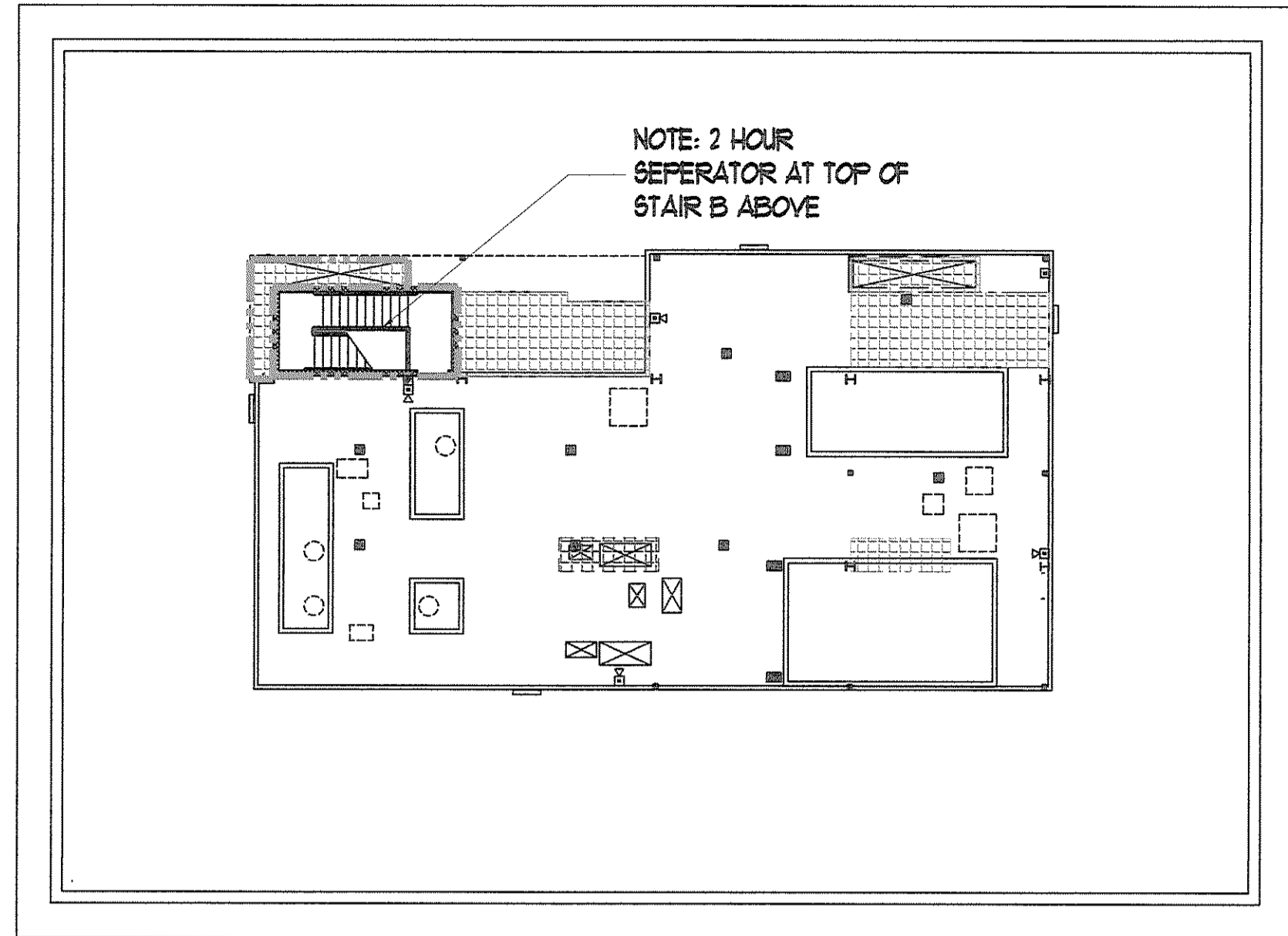
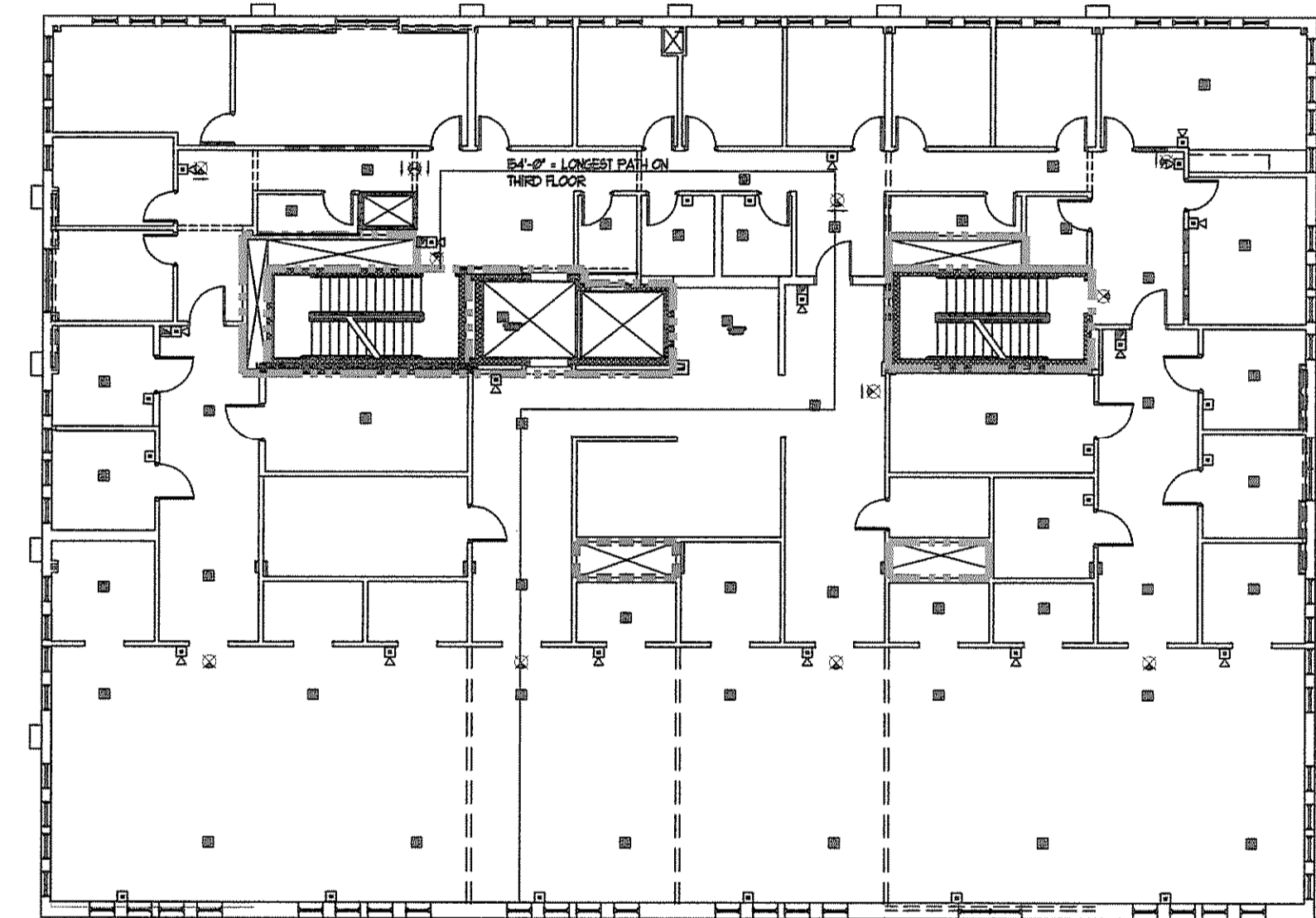


IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY

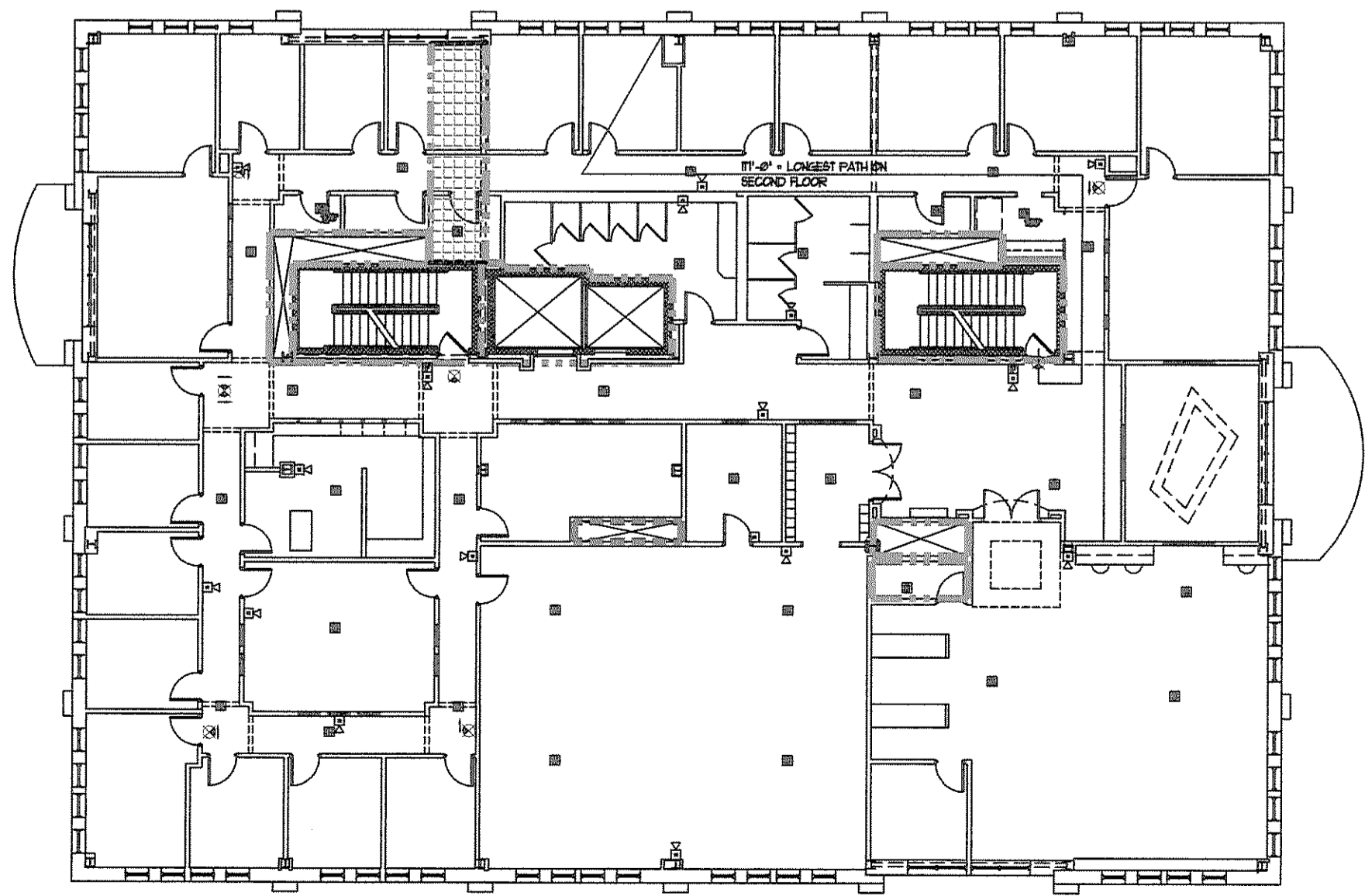


MECHANICAL MEZZANINE

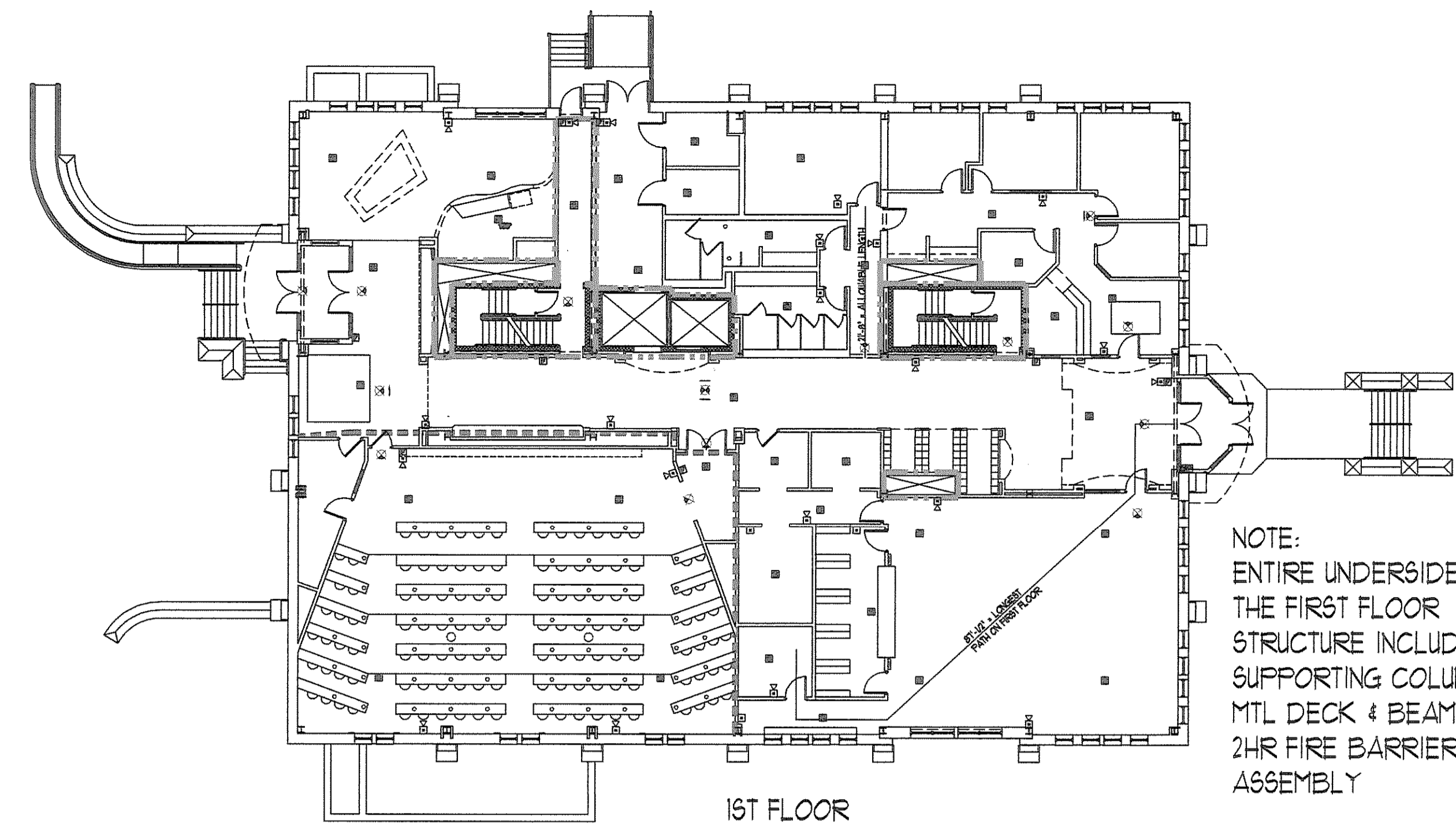
NOTE: 2 HOUR SEPERATOR AT TOP OF STAIR B ABOVE



THIRD FLOOR

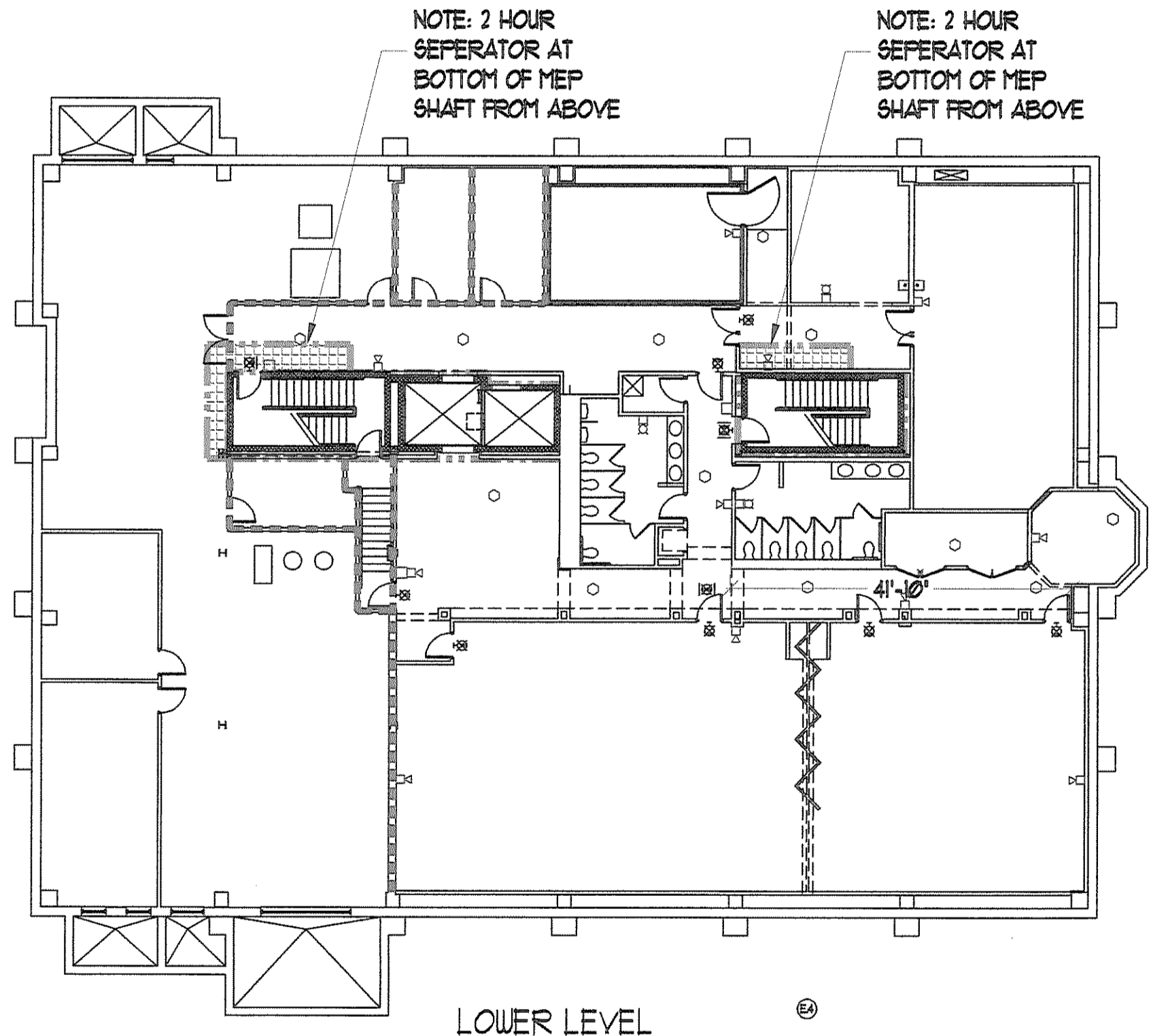


SECOND FLOOR



1ST FLOOR

NOTE:  
ENTIRE UNDERSIDE OF THE FIRST FLOOR STRUCTURE INCLUDING SUPPORTING COLUMNS, MTL DECK & BEAMS - 2HR FIRE BARRIER ASSEMBLY



LOWER LEVEL

NOTE: 2 HOUR SEPERATOR AT BOTTOM OF MEP SHAFT FROM ABOVE

NOTE: 2 HOUR SEPERATOR AT BOTTOM OF MEP SHAFT FROM ABOVE

- 1HR FIRE RATING
- 2HR FIRE RATING
- ===== 1HR FLOOR FIRE RATING
- ===== 2HR FLOOR FIRE RATING

**LOWER LEVEL CODE ISSUES**

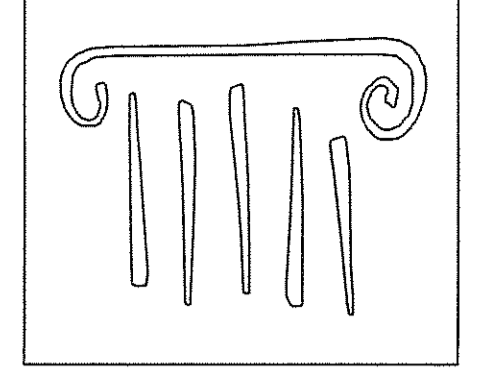
- Two egress from each classroom is required
- 50'-0" max length dead-end corridor
- Max capacity of Lower Level is 215 (see below)
- one classroom has 56 people at 20 sf/person (UNE standard or 75 people by code at 15 sf/person) and the other 81 people at 20 sf/person (UNE standard or 104 people by code at 15 sf/person) for a total of 179 people in the classrooms (remember not based on who is there but how many could be there by code) - if this is going to be used as a reception area, we will have to cut the useable square foot down even more
- As a place holder, I have allocated #25 more people in the rest of the spaces ... due to how close the numbers are, we will need to understand how the other spaces in the lower level are used to refine this number before we proceed much further
- Building load - we have the capability for 360 people in the two stairways - due to direct egress to the exterior for the first floor, we do not have to include the capacity of this floor. The capacity for the second floor is 100 and the capacity for the third floor is 45 for a total of 145 thus leaving us a capacity of 215 for the lower level ... las

**BUILDING CODE ANALYSIS**

UNIVERSITY OF NEW ENGLAND  
COLLEGE OF PHARMACY

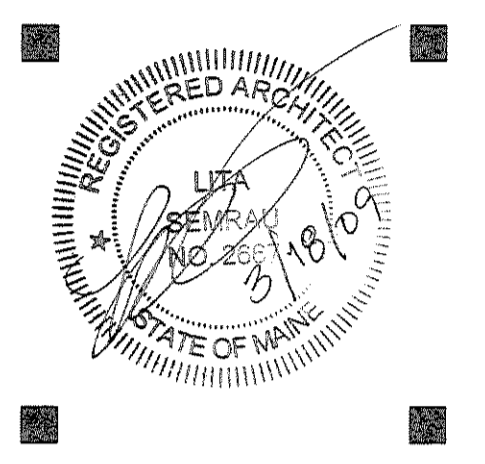
PROJECT DESCRIPTION: A NEW THREE-STORY BUILDING HOUSING COLLEGE CLASSROOMS, OFFICES, LABS, AND SUPPORT FUNCTIONS. THE GROSS BUILDING AREA IS 46,380 S.F. AND WILL BE CONSTRUCTED OF MATERIALS AS ALLOWED BY THE CONSTRUCTION TYPE. THERE WILL BE A FULLY AUTOMATIC SPRINKLER SYSTEM INSTALLED THROUGHOUT THE BUILDING WITH THE EXCEPTION OF THE ELECTRIC CLOSETS AND ELECTRIC ROOMS.

1. BUILDING CODES: NFPA 101 LIFE SAFETY CODE, 2006  
IBC INTERNATIONAL BUILDING CODE 2003  
MAINE STATE PLUMBING CODE
2. CONSTRUCTION TYPE: VB UNPROTECTED CONSTRUCTION
3. OCCUPANCY: GROUP "B" BUSINESS
4. HEIGHT MODIFICATION: IBC 504.2: ADD ONE STORY AND 20 FT. THEREFORE 3 STORY IS OK.
5. AREA MODIFICATION: IBC TABLE 503: 9,000 S.F.  
IBC 506.2: STREET FRONTAGE: ADD 75%  
IBC 506.3: AUTOMATIC SPRINKLER: ADD 200%  
TOTAL ALLOWABLE: 33,750 S.F./ STORY
6. SEPARATIONS: A. STAIRS AND ELEVATORS SERVE THREE STORIES PLUS BASEMENT AND ARE SEPARATED BY TWO-HOUR FIRE BARRIER. (IBC 707.4)  
B. FIRST FLOOR IS SEPARATED FROM BASEMENT BY A TWO-HOUR FIRE BARRIER TO ALLOW EXIT DISCHARGE FROM STAIR "A" THROUGH FIRST FLOOR TO EXIT BUILDING. (IBC 1023.1)  
C. LECTURE HALL IS ASSEMBLY USE AND IS SEPARATED AT WALLS BY A ONE-HOUR FIRE RATED SEPARATION.  
D. CORRIDOR WALLS ARE NOT RATED. (IBCTABLE 1016.1)
7. MEANS OF EGRESS: EGRESS WIDTH SPRINKLERED BUILDING: STAIRWAY: 0.2" / PERSON; DOORS, RAMPS, & CORRIDORS: 0.15" / PERSON. MINIMUM CORR WIDTH: 44" WHERE SERVING > 50 OCC., 36" WHERE SERVING <50  
MAXIMUM DEAD-END CORR: 50 FT  
MAXIMUM TRAVEL DISTANCE TO EXIT: 300 FT.
8. FIRE PROTECTION: PORTABLE FIRE EXTINGUISHERS (LS101 SECT 9.7.4.1)



PORT CITY ARCHITECTURE

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lita@portcityarch.com



**PERMIT SET  
NOT FOR  
CONSTRUCTION**

**UNIVERSITY OF NEW ENGLAND  
COLLEGE OF  
PHARMACY  
CLASSROOMS**

715 STEVENS AVENUE, PORTLAND, ME

DATE	DESCRIPTION

Date Issued: 3/11/2009  
Project Number: 02518

SHEET NAME  
**EMERGENCY  
CODE PLAN**

Drawn By: EAC  
Checked By: LAS  
LL  
**A0.1**

**PERMIT SET - NOT FOR CONSTRUCTION**