

32'-0"

44'-0"

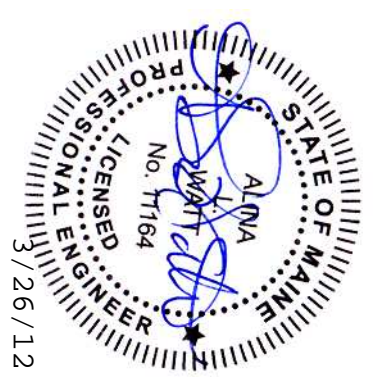
24'-0"

92'-0"

44'-0"

16'-0"

44'-0"



NEW BATTERY-OPERATED COMBO SMOKE & CO DETECTORS (2) KIDDE KN-COSM-B, OR EQUAL

EXISTING APARTMENT (NO RENOVATIONS PROPOSED IN EXISTING APARTMENT)

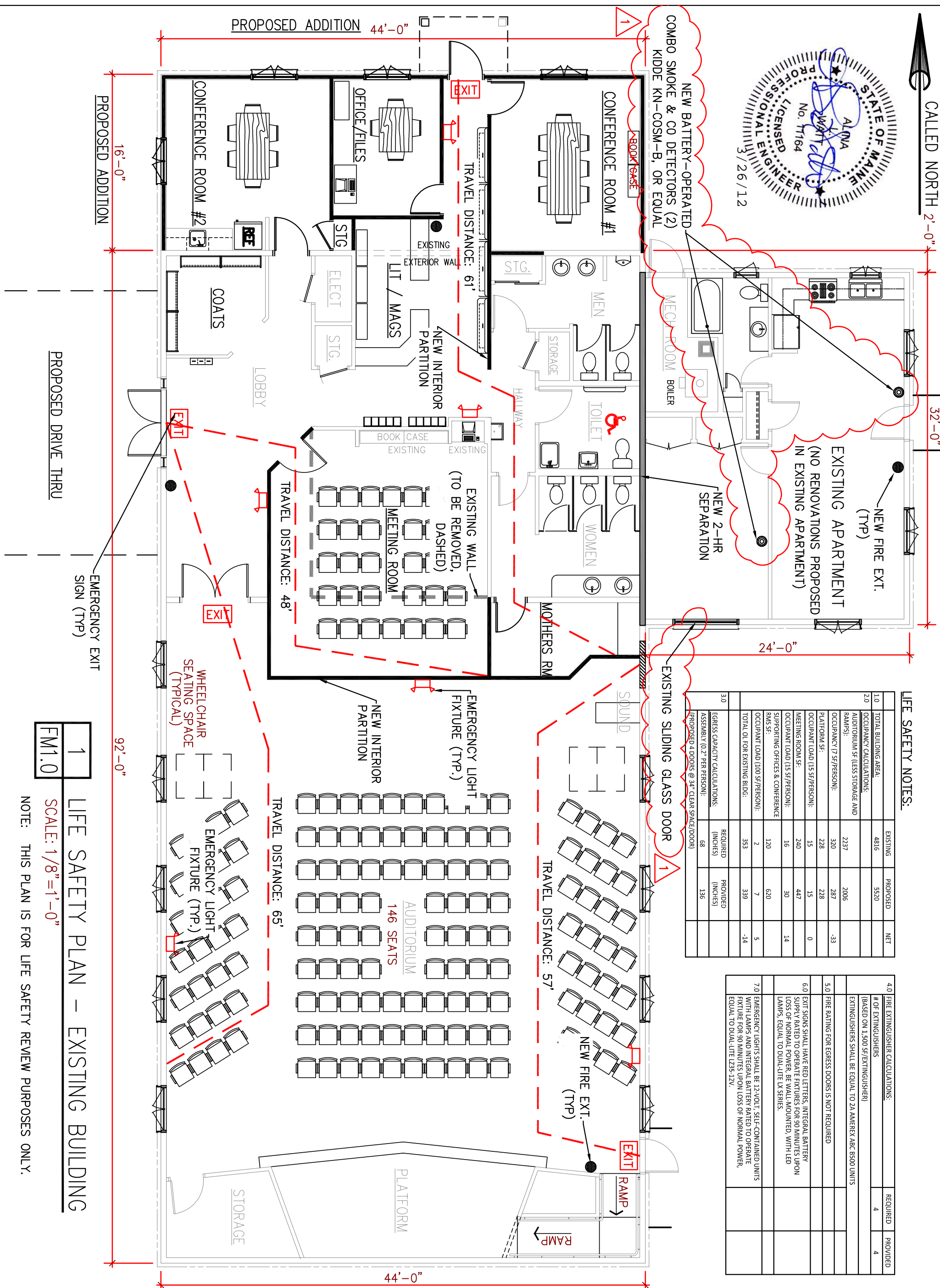
NEW 2-HR SEPARATION

EXISTING SLIDING GLASS DOOR

**LIFE SAFETY NOTES:**

	EXISTING	PROPOSED	NET
1.0 TOTAL BUILDING AREA:	4816	5520	
2.0 OCCUPANCY CALCULATIONS:			
AUDITORIUM SF (LESS STORAGE AND RAMPS):	2237	2006	-33
OCCUPANCY (7 SF/PERSON):	320	287	-33
PLATFORM SF:	228	228	0
OCCUPANT LOAD (15 SF/PERSON):	15	15	0
MEETING ROOM SF:	240	447	207
OCCUPANT LOAD (15 SF/PERSON):	16	30	14
SUPPORTING OFFICES & CONFERENCE ROOMS SF:	120	620	500
OCCUPANT LOAD (100 SF/PERSON):	2	7	5
TOTAL OI FOR EXISTING BLDG:	353	339	-14
3.0 EGRESS CAPACITY CALCULATIONS:			
EGRESS ASSEMBLY (0.2" PER PERSON):	68	136	68
PROPOSED 4 DOORS @ 34" CLEAR SPACE/DOOR:			

4.0 FIRE EXTINGUISHER CALCULATIONS:	REQUIRED	PROVIDED
# OF EXTINGUISHERS (BASED ON 1,500 SF/EXTINGUISHER)	4	4
EXTINGUISHERS SHALL BE EQUAL TO 2A AMEREX ABC B500 UNITS		
5.0 FIRE RATING FOR EGRESS DOORS IS NOT REQUIRED		
6.0 EXIT SIGNS SHALL HAVE RED LETTERS, INTEGRAL BATTERY SUPPLY RATED TO OPERATE FOR 90 MINUTES UPON LOSS OF NORMAL POWER, BE WALL-MOUNTED, WITH LED LAMPS, EQUAL TO DUAL-LITE LX SERIES.		
7.0 EMERGENCY LIGHTS SHALL BE 12-VOLT, SELF-CONTAINED UNITS WITH LAMPS AND INTEGRAL BATTERY RATED TO OPERATE FOR 90 MINUTES UPON LOSS OF NORMAL POWER, EQUAL TO DUAL-LITE LZ35-12V.		



1	LIFE SAFETY PLAN - EXISTING BUILDING
FM1.0	SCALE: 1/8"=1'-0"

NOTE: THIS PLAN IS FOR LIFE SAFETY REVIEW PURPOSES ONLY.

NO	DATE	REVISION	BY
1	3-26-12	PER FM COMMENTS	AW

**SHEET TITLE**  
LIFE SAFETY PLAN

**PROJECT TITLE**  
PORTLAND, ME. - KINGDOM HALL  
REMODEL OF EXISTING HALL  
UNITED STATES OF AMERICA

DWN BY: JMH OKD BY: AW  
SCALE: 1/8"=1'-0"  
DATE: 3-8-12  
CAD #: Life Safety.dwg  
SHEET NO. FM1.0