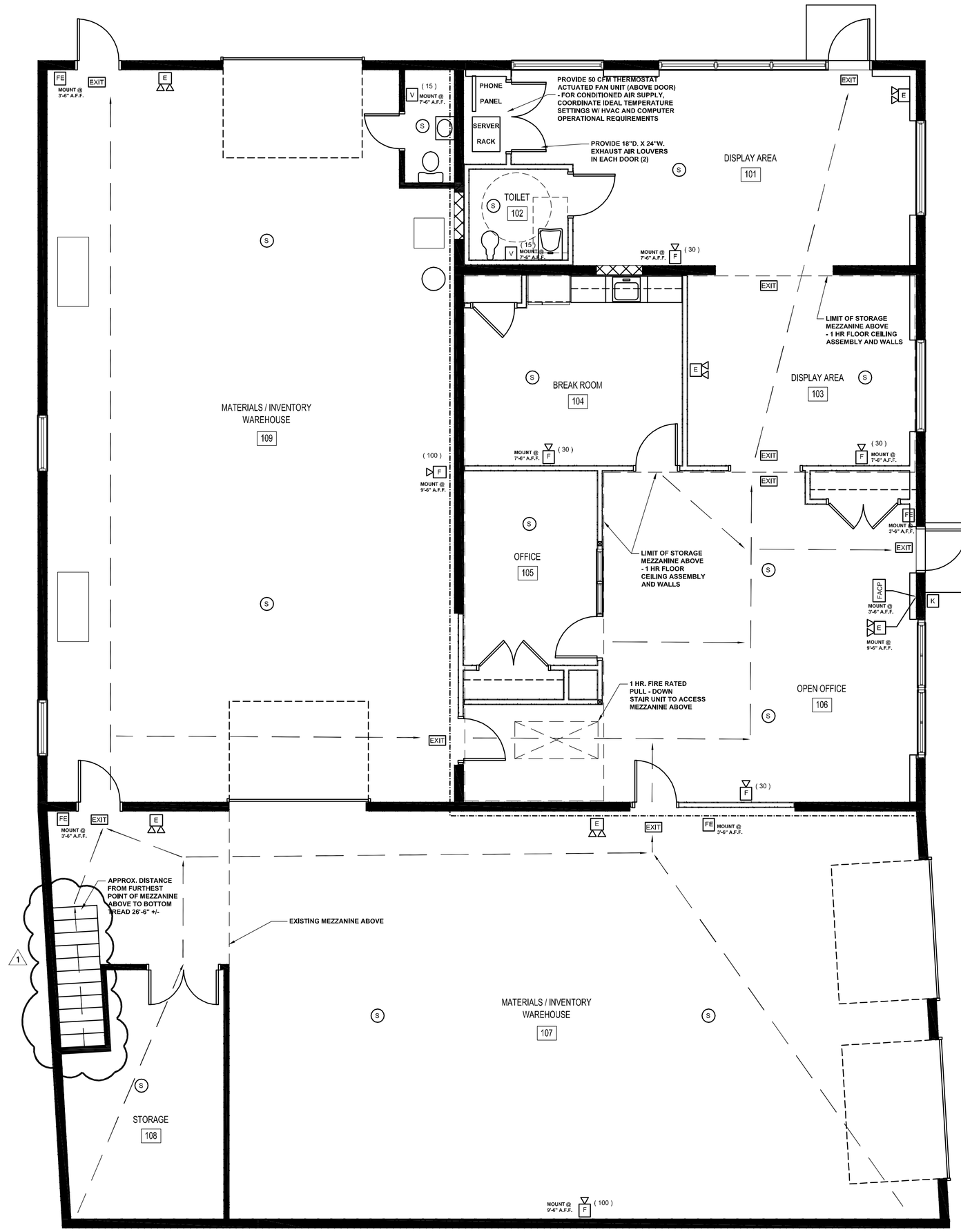

1 PROPOSED BUILDING LIFESAFETY PLAN
3/16" = 1'-0"

USE GROUP (BUSINESS) OCCUPANT LOAD;
OFFICE AREA = 1,700 S.F., LOAD FACTOR @ 100 S.F. / PERSON (17); WAREHOUSE AREA = 3,668 S.F., LOAD FACTOR @ 500 S.F. / PERSON (8); ATTIC AREA = 599 S.F., LOAD FACTOR @ 300 S.F. / PERSON (2).

TOTAL OCCUPANT LOAD = 27 PERSONS

TOTAL EGRESS CAPACITY = 240 PERSONS

CONSTRUCTION TYPES:
NFPA - TYPE V (000)
IBC 2003 - TYPE 5B

THIS BUILDING IS NOT PROVIDED WITH A SUPERVISED FIRE SUPPRESSION SYSTEM COMPLYING WITH NFPA 13 GUIDELINES. THIS BUILDING IS PROVIDED WITH A SUPERVISED SMOKE DETECTION AND ALARM SYSTEM. THE BUILDING HAS BEEN REVIEWED WITH A REPRESENTATIVE OF THE PORTLAND FIRE DEPARTMENT. THE STORAGE AREAS WERE REQUESTED TO BE CLASSIFIED AS MODERATE (S-2) / ORDINARY HAZARD STORAGE. LOCATIONS OF EXISTING EGRESS COMPONENTS AND LACK OF EXISTING FIRE SUPPRESSION SYSTEM WERE DISCUSSED. NO FURTHER IMPROVEMENT WAS REQUIRED.

LEGEND - LIFESAFETY

- FACP — FIRE ALARM CONTROL PANEL LOCATION (NOT USED)
- K — KEY BOX WITH TAMPER SWITCH (NOT USED)
- P — PULL STATION (NOT USED)
- V (15) — VISUAL ONLY DEVICE (CANDELLA RATING)
- F (30) — AUDIBLE VISUAL DEVICE (CANDELLA RATING)
- S — SMOKE DETECTOR
- H — HEAT DETECTOR
- FE — FIRE EXTINGUISHER (ABC TYPE)
- EXIT — EXIT SIGN (DIRECTION)
- E — EMERGENCY LIGHTING
- ES — EMERGENCY SHOWER (NOT USED)
- EW — EMERGENCY EYE WASH (NOT USED)
- PATH OF EGRESS

NOTE:
ALL NEW PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK ABOVE AND CONSIST OF 2X4 @ 16" OC STUD FRAMING @ 16" OC AND 5/8" TYPE "X" GWB ON EACH SIDE AND 3-1/2" SOUND ATTENUATION BATT WITHIN. PROVIDE FIRE CAULKING AT PERIMETER AND FIRE STOPPING AT ALL VOIDS AND PENETRATIONS IN ALL FIRE RATED PARTITIONS AND FLOOR/CEILING ASSEMBLIES

NOTE:
REFER TO SHEET G-2 FOR DOOR SCHEDULE AND DOOR HARDWARE INFORMATION

NEW WALLS
EXISTING WALLS

FIRE RATED WALL LEGEND
1 HOUR WALLS

0 5 10 15 20 25

2006 NFPA: BUILDING CODE DATA

OCCUPANT LOAD - FLOOR AREA (TOTAL (FLOOR SPECIFIC) BUILDING AREA LESS STORAGE AREAS)	5,368 SF TOTAL
OCCUPANT LOAD (INCLUDING MEZZANINE LOAD ADDED TO FLOOR LOAD BELOW)	1 USE GROUP (BUSINESS) OCCUPANT LOAD; OFFICE AREA = 1,700 S.F., LOAD FACTOR @ 100 S.F. / PERSON (17); WAREHOUSE AREA = 3,668 S.F., LOAD FACTOR @ 500 S.F. / PERSON (8); ATTIC AREA = 599 S.F., LOAD FACTOR @ 300 S.F. / PERSON (2). TOTAL OCCUPANT LOAD = 27 PERSONS
USE GROUP CLASSIFICATION	BUSINESS W/ ASSOCIATED STORAGE
TYPE OF CONSTRUCTION	UNPROTECTED;TYPE V (000)
ACTUAL BUILDING AREA	5,368 SF TOTAL (GROSS)
BUILDING HEIGHT	SINGLE STORY (EGRESS @ GRADE)
FIRE SUPRESSION	NO
CONNECTION @ ADJACENT TENANTS	N/A
STAIR ENCLOSURES	N/A
SHAFTS	N/A
EXIT ACCESS CORRIDORS	0 HR
INTERIOR LOAD BEARING WALLS	0 HR
STRUCTURAL MEMBER SUPPORTING FLOORS AND ROOF	0 HR
FLOOR CONSTRUCTION	0 HR, MEZZANINE ABOVE OFFICES 1 HR.
ROOF CONSTRUCTION	0 HR
FIRE EXTINGUISHERS	LOCATIONS TO BE VERIFIED IN FIELD BY FIRE CHIEF PRIOR TO INSTALLATION
TRAVEL DISTANCE LIMIT	NOT TO EXCEED 100 FT
DEAD END CORRIDORS	NOT TO EXCEED 20 FT
COMMON PATH OF TRAVEL	NOT TO EXCEED 75 FT
CORRIDOR WIDTH	44 INCHES MIN
FLAME SPREAD RATINGS:	CLASS A / B
INTERIOR FINISH REQUIREMENTS	CLASS A / B
REQUIRED VERTICAL EXITS	CLASS A
CORRIDORS PROVIDING EXIT ACCESS	CLASS A
ROOMS OR ENCLOSED SPACES	CLASS A / B
INTERIOR FLOOR FINISH REQUIREMENTS	CLASS A / B
REQUIRED VERTICAL EXITS	CLASS I OR CLASS II
CORRIDORS PROVIDING EXIT ACCESS	CLASS I OR CLASS II
ROOMS OR ENCLOSED SPACES	CLASS I OR CLASS II
GENERAL NOTES:	1. ALL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH PROPER APPROVED MATERIALS AND FIRE DAMPERS,AS REQUIRED. 2. ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES, ORDINANCES AND REQUIREMENTS, ACCESSIBILITY PER A.D.A.A.G.; REFER TO PROJECT GENERAL NOTES.

IBC 2003: BUILDING CODE DATA

USE GROUP CLASSIFICATION	BUSINESS W/ ASSOCIATED STORAGE
TYPE OF CONSTRUCTION	TYPE V B (COMBUSTIBLE)
FLOOR AREA	5,368 SF TOTAL (GROSS)
TABLE 503 BUILDING AREA LIMITATION-SF	9,000 SF
506.3 AUTOMATIC SPRINKLER SYSTEM (INCREASE 300%)	N/A
ALLOWABLE BUILDING AREA PER FLOOR - SF	9,000 SF
BUILDING HEIGHT	ONE STORY
FIRE SUPRESSION	NOT PROVIDED
CONNECTOR BETWEEN ADJACENT TENANTS	N/A
SHAFTS	N/A
EXIT ACCESS CORRIDORS	1 HR
INTERIOR LOAD BEARING WALLS	0 HR
STRUCTURAL MEMBER SUPPORTING WALLS	0 HR
FLOOR CONSTRUCTION	0 HR, MEZZANINE ABOVE OFFICES 1 HR.
ROOF CONSTRUCTION	0 HR
FIRE EXTINGUISHERS	LOCATIONS TO BE VERIFIED IN FIELD BY FIRE CHIEF PRIOR TO INSTALLATION
FLAME SPREAD RATINGS:	
REQUIRED VERTICAL EXITS	CLASS A
CORRIDORS PROVIDING EXIT ACCESS	CLASS A
ROOMS OR ENCLOSED SPACES	CLASS A
INTERIOR FLOOR FINISH REQUIREMENTS	CLASS I OR CLASS II
CORRIDORS PROVIDING EXIT ACCESS	CLASS I OR CLASS II
ROOMS OR ENCLOSED SPACES	CLASS I OR CLASS II
GENERAL NOTES:	1. ALL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH PROPER APPROVED MATERIALS AND FIRE DAMPERS,AS REQUIRED. 2. ALL WORK SHALL CONFORM TO LOCAL AND STATE CODES, ORDINANCES AND REQUIREMENTS, ACCESSIBILITY PER A.D.A.A.G.; REFER TO PROJECT GENERAL NOTES.

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GENERAL NOTES:

1. REPORT AN DISCREPANCIES TO THE ARCHITECT. CONTRACTOR SHALL PROCEED WITH WORK ONLY AFTER DISCREPANCIES HAVE BEEN RESOLVED BY THE ARCHITECT.

2. EXISTING BUILDING COMPONENTS WHICH ARE AFFECTED BY NEW WORK AND DEMOLITION, OR WHICH MAY BE DAMAGED BY THE CONTRACTOR OR ANY SUBCONTRACTOR, SHALL BE REPLACED OR RESTORED TO THE ORIGINAL CONDITION AND COLOR AS APPROVED BY THE ARCHITECT.

3. THE BUILDING SHALL BE CONSTRUCTED TO CONFORM W/ ALL APPLICABLE CODES INCLUDING BUT NOT LIMITED TO, THE LATEST EDITIONS OF THE 2006 IBC, NFPA AND ANSI.

4. ALL EXISTING CONDITIONS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION. THIS INCLUDES DELIVERY PROCEDURES, DIMENSIONS AND MATERIALS.

5. DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS REQUIRING CLARIFICATION.

6. DEMOLITION REQUIRES SELECTIVE REMOVAL AND SUBSEQUENT OFF-SITE DISPOSAL OF THE FOLLOWING: REMOVAL OF ALL MATERIALS DISMANTLED NOT INTENDED FOR RE-USE, AND REMOVAL AND RECONNECTION, CAPPING, TERMINATION OR DISCONNECTION OF ALL WIRING , HEATING AND PLUMBING NOT USED IN THE NEW WORK.

7. THIS PROJECT SHALL NOT CONTAIN HAZARDOUS MATERIALS OF ANY OF PRODUCT, IE. ASBESTOS.

8. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM THE APPROPRIATE OFFICIALS PRIOR THE COMMENCING THE WORK.

9. WHERE ONLY A SINGLE PRODUCT OR MANUFACTURER IS NAMED, PROVIDE THE PRODUCT INDICATED. SUBSTITUTIONS SHALL BE PERMITTED ONLY WHEN APPROVED BY THE OWNER OR THE OWNER'S AUTHORIZED REPRESENTATIVE THROUGH WRITTEN DIRECTIVE.

9. AT PROJECT CLOSEOUT, SUBMIT SPECIFIC WARRANTEES, WORKMANSHIP BONDS, MAINTENANCE AGREEMENTS, FINAL CERTIFICATIONS AND SIMILAR DOCUMENTS.

10. COMPLETE FINAL CLEANUP AT PROJECT CLOSEOUT. TOUCH-UP, REPAIR AND RESTORE MARRED EXPOSED FINISHES.

11. THE LOCATION OF ALL DOORFRAMES NOT DIMENSIONED SHALL BE 4" FROM ADJACENT WALLS UNLESS OTHERWISE INDICATED.

12. ALL PARTITIONS SHALL EXTEND FROM FLOOR TO UNDERSIDE OF SUPPORTING STRUCTURE ABOVE UNLESS OTHERWISE NOTED.

13. INSTALL BLOCKING BEHIND ALL SURFACE APPLIED FIXTURES, TRIM, GRAB BARS, SHELVES, CHAIR RAILS, PICTURE RAILS AND BASE MOLDINGS.

14. IF TWO CONFLICTING COND, OR DETAILS EXIST IN THIS DRAWING SET OR ASSOCIATED SPECIFICATIONS IT SHALL BE THE ARCHITECTS CHOICE TO DECIDE WHICH CONDITION OR DETAIL APPLIES AT NO ADDITIONAL COST.

REVISIONS:

1 10/22/10 - SHOWING EXISTING BACK MEZZANINE STAIRS, AND UPDATES OCCUPANCY CALCS.

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Project Status:
CONSTRUCTION DOCUMENTS

Project Number:
CPS 1810

LICENSED ARCHITECT MARK J. BURNES 1800 STATE OF MAINE

Project Title:
CHRISTMAN POOL SERVICE BUILDING RENOVATIONS
336 Warren Avenue
Portland, Maine, 04103

Drawing Name:
Building Life Safety Floor Plan

Scale:
3/16"=1'-0"

Date:
09/15/10

SHEET
A-0.0