

(FE) = SEMI-RECESSED FIRE EXTINGUISHER CABINET

② LIFE SAFETY PLAN  
1/8" = 1'-0"

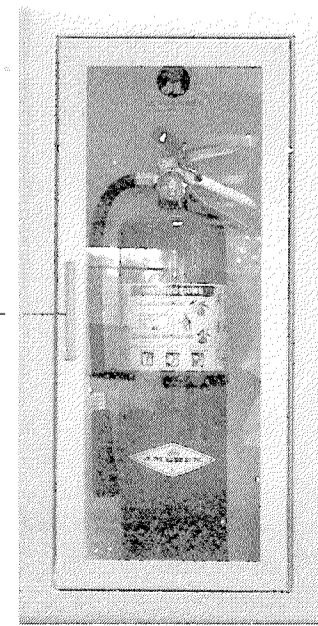
**FIRE EXTINGUISHER (fx) MOUNTING**

**- SURFACE MOUNT (surface fx): TO BE EXPOSED EXTINGUISHERS (no cabinet)**  
**- RECESSED (recess fx): TO BE IN CABINETS MEETING GUIDELINES BELOW**

**Projection Requirements**  
 The federal regulations for ADA Standards for Accessible Design Section: Protruding Objects Section (28 CFR 36, 4.4.1) specify that "objects projecting from walls with their leading edges between 27" and 80" (685 mm and 2030 mm) above the finished floor (AFF) shall protrude no more than 4" (100mm) into walks, halls, corridors, passageways, or aisles. Please note that a surface-mounted cabinet installed in such a way that any part of it falls between 27" and 80" AFF would not meet ADA requirements.

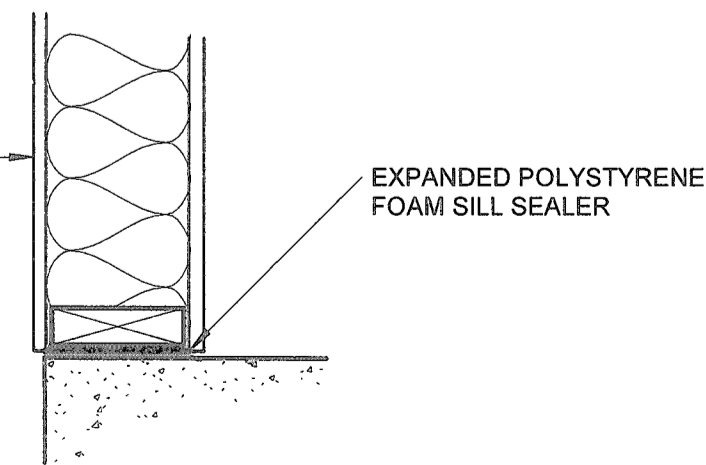
**Mounting Heights**  
 The NFPA and ADA have created guidelines for the mounting of cabinets and extinguishers to provide safety and/or easy access to the equipment. ADA guidelines specify reach ranges for building occupants who require access to equipment such as fire extinguishers and other fire safety devices. According to the ADA Standards (28 CFR 36, 4.2.5 and 4.2.6) neither the extinguisher handle nor the cabinet handle can be mounted higher than 48" AFF for applications which allow for only a forward approach in a wheelchair to the object; and, no higher than 54" AFF, or those applications which allow for a parallel approach.

Typical install:  
center handle  
38" above floor

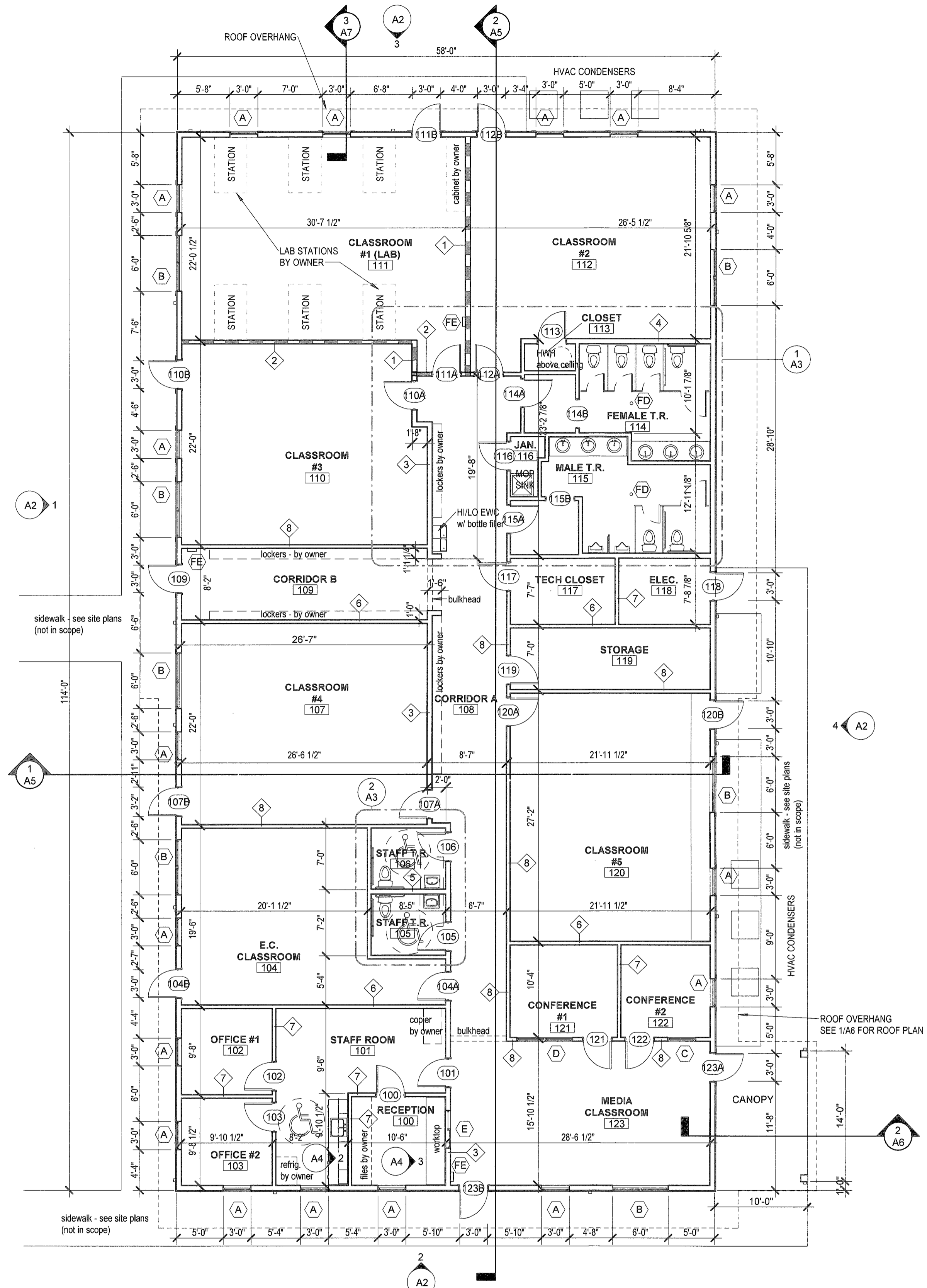


④ FIRE EXTINGUISHER MOUNTING  
1/8" = 1'-0"

SEE WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION



③ SILL GASKET  
1 1/2" = 1'-0"



① FLOOR PLAN  
1/8" = 1'-0"

(FE) = SEMI-RECESSED FIRE EXTINGUISHER CABINET

(FD) = FLOOR DRAIN

MARK	DESCRIPTION
1	UL #U305 1-HOUR, TRUSS-BEARING WALL. 2x6 WOOD STUDS @ 12" O.C. TO UNDERSIDE OF TRUSS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
2	UL #U305 1-HOUR, SHEAR WALL. 2x4 WOOD STUDS @ 16" O.C. TO UNDERSIDE OF TRUSS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
3	TRUSS-BEARING WALL. 2x6 WOOD STUDS @ 12" O.C. TO UNDERSIDE OF TRUSS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
4	SHEAR WALL. 2x6 WOOD STUDS @ 16" O.C. TO UNDERSIDE OF TRUSS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
5	2x6 WOOD STUDS @ 16" O.C. TO UNDERSIDE OF TRUSS.
6	SHEAR WALL. 2x4 WOOD STUDS @ 16" O.C. TO UNDERSIDE OF TRUSS. SEE STRUCTURAL DRAWINGS FOR DETAILS.
7	2x4 WOOD STUDS @ 16" O.C. TO 9'-0".
8	2x4 WOOD STUDS @ 16" O.C. TO UNDERSIDE OF TRUSS.

**WALL TYPE LEGEND**

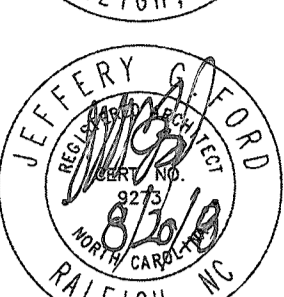
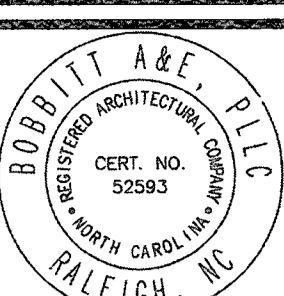
1-HOUR FIRE RATED

**GENERAL WALL NOTES**

- SILL GASKET AT EXTERIOR WALLS. SEE DETAIL.
- AT COMBUSTIBLE FRAMING, PROVIDE FIRE-BLOCKING AT STUD CAVITIES > 10" HIGH.
- INTERIOR WALLS 5/8" GWB EACH SIDE OF WALL FULL HEIGHT. TAPE, MGD AND SAND ALL GWB FULL HEIGHT
- ALL INTERIOR WALLS TO BE INSULATED FULL HEIGHT OF THE WALL.
  - 3 5/8": 3 1/2" SOUND BATTS
  - 6": 5 1/2" SOUND BATTS
- INSTALL BOX HEADERS AT INTERIOR STUD WALL OPENINGS 44" OR GREATER. MATCH STUD GAGE OF WALL.
  - 44" - 60": 6" HEADER
  - 60" - 84": 8" HEADER
- USE MOISTURE RESISTANT GWB @ ALL TOILET/BATH WALLS, KITCHEN / BREAK WALLS @ CABINETS, APPLIANCES AND WITHIN 18" OF ALL SINKS (MOISTURE RESISTANT GWB TO A MINIMUM OF 8'-0" AFF WHERE REQUIRED).

**APPROVED FOR PERMITTING**

APPROVAL DATE:



BOBBITT A&E, PLLC  
600 Germantown Road  
Raleigh, North Carolina 27607



COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

COORDINATOR:  
JGF

DRAWN BY:  
JGF

CHK BY: BDG  
08/06/18

**SUMMIT CHARTER HIGH SCHOOL**  
370 MITTEN LANE  
CASHIERS, NORTH CAROLINA

24 X 36  
As indicated

8/20/18

1950-0042

FLOOR PLAN

**A1**  
OF 8