

**1** FIRST FLOOR PLAN  
**A1** 1/4" = 1 FOOT

**Building Code Data:**

As per 2003 International Existing Building Code and 2003 IBC / 2003 IFC / 2003 Mechanical Code / 2009 IECC / 2011 National Electric Code / 2005 CT Supplements - 2009 & 2013 CT Amendments

Occupancy Use Group: **B / Business**  
 S-2/ Storage Low-Hazard (Basement)  
 Construction Type: **V-B (Existing Building and New Addition)**  
 Building Area: **Total New Building = 1184 SF**

**- Building is designed as 'Non-Separated Uses' as per 2003 IBC Section 302.3.1...1-Hour Rated Floor Assembly, as per Table 302.1.1**

Building Occupancy Load: **'B' Occupancy - 1184 SF @ 100 SF / P = 19 P**  
**'S-2' Occupancy - 600 SF @ 500 SF / P = 1 P**  
**TOTAL Occupancy = 20 P**

Allowable Height and Building Areas: **as per 2003 IBC Table 503**  
 Height: **Permitted = 2 Stories Proposed = 2 Story**  
 Area: **Permitted = 13500 SF Proposed = 1184 SF**

See Floor Plan A1 for Means of Egress, Means of Egress Separation and Dimensions of Exitways  
 Minimum Dimension of Exitway: **36"**

**- Building complies as Space with One Means of Egress as per Table 1014.1:**  
 - 19 Occupants = < 50 Occupants  
 - 57' Common Path of Egress Travel = < 75'

Required Egress Width per Occupant Served: **as per 2003 IBC Table 1005.1**  
 Tenant: **Required = 19 P x .2"/P = 3.8"**  
 Provided = 38"

Maximum Exit Access Travel Distance: **as per 2003 IBC Table 1015.1**  
 Permitted: **Use Group S-2 = 300 Feet**  
 Use Group **B = 200 Feet**

Proposed: **See Drawing A1...Maximum Length of Travel = 57 Feet**  
 Provide Emergency Illumination adequate to provide 1 FC @ Floor for 90 Minutes ... See Drawing A2 for locations and quantity

**Fire Resistance Rating of Structure Elements:** as per 2003 IBC Table 601

Structural Frame = 0 Hours  
 Bearing Walls / Exterior = NA  
 Interior = NA  
 Non-Bearing Walls / Exterior = 0 Hours  
 Interior = 0 Hours  
 Floor Construction = 1 Hour Floor separating S-2 at Basement from B at New First Floor  
 Roof Construction = 0 Hours

1-Hour Rated Floor Assembly (separating S-2 at Basement from B at New First Floor =  
 UL L-528 : 1 layer 5/8" Type 'X' Gyp. Bd / Wood Truss / 3/4" Plywood subfloor

**Partition Types:**

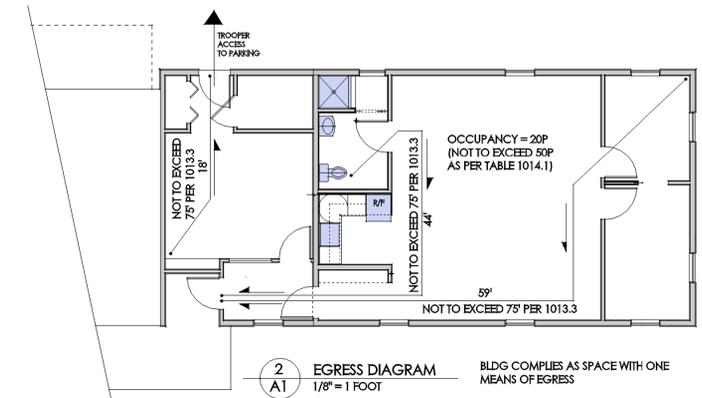
**A** Non-rated Partition (Typical unless otherwise noted)  
 1 Layer - 5/8" Gypsum Board each side 3 1/2" Wood Studs

**Door Notes:**

Door No. A = 3'-0" x 6'-8" x 1 3/4" Hollow Metal Insulated in Wood Frame, with Half-Light and Egress Lockset  
 Door No. B = 3'-0" x 6'-8" x 1 3/4" Hollow Metal Insulated in Wood Frame, with Egress Lockset with 10" x 20" Vision Panel  
 Door No. C = 3'-0" x 6'-8" x 1 3/4" Solid Wood in HM Frame with Egress Lockset  
 Door No. D = 3'-0" x 6'-8" x 1 3/4" Solid Wood in HM Frame with Lockset  
 Door No. E = 3'-0" x 6'-8" x 1 3/4" Solid Wood in HM Frame with Privacy Latchset  
 Door No. F = 4'-0" x 6'-8" x 1 3/8" Hollow Wood Bifold in Wood Frame  
 Door No. G = 3'-0" x 6'-8" x 1 3/4" Solid Wood Pocket Door

**General Notes:**

- Building Structure and Materials shall comply with all code requirements for new construction subject to 120 mph wind load.
- Window Types: NOTE all windows to be rated for 120 MPH Construction  
**A** = 2'-9 1/2" x 4'-5" Solid Vinyl Double Hung with Low-E glass and Grilles in glass, standard profile, screens  
**B** = 2'-5 1/2" x 4'-1" Solid Vinyl Double Hung with Low-E glass and Grilles in glass, standard profile, screens
- All items specified are "or approved equal".
- All hardware shall be institutional grade and handicap accessible with institutional keying system similar to Medeco Lock. h
- Interior Doors are Birch Veneer / Matte Polyurethane Finish



**2** EGRESS DIAGRAM  
**A1** 1/8" = 1 FOOT  
 BLDG COMPLIES AS SPACE WITH ONE MEANS OF EGRESS

This drawing is the property of the Architect, has been prepared specifically for the Owner for this Project at this site and is not to be used for any other purposes, location or owner without the written consent of the Architect.

**FLOOR PLAN / BLDG CODE DATA**

**Emergency Operations Center** 17 DECEMBER 2014  
**Town of Killingworth** REV'D 5 JANUARY 2015  
 323 Higganum Road, Killingworth, CT

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**A1**