

**Building Code Data:** 

As per 2003 International Existing Building Code and 2003 IBC / 2003 IFC / 2003 Mechanical Code / 2003 Plumbing 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)

V-B (Existing Building and New Addition) Construction Type:

Total New Building = 1184 SF Building Area:

~ 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 <u>'S-2' Occupancy - 600 SF @ 500 SF / P</u> = 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:  $Required = 19 P \times .2"/P = 3.8"$ 

Provided = 36" 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

<u>Fire Resistance Rating of Structure Elements:</u> 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

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

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

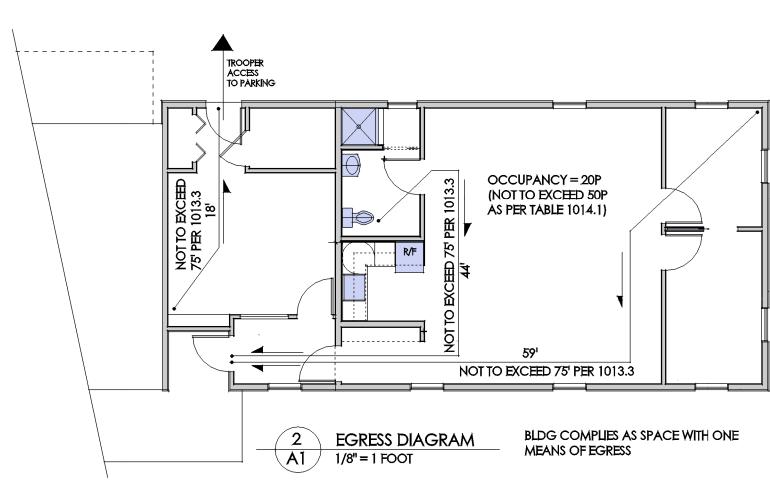
Door No. F = 4'-0"x 6'-8" x 1 3/8" Hollow Wood Bifold in Wood Frame

Door No. G = 3'-0"x 6'-8" x 1 3/4" Solid Wood Pocket Door

## **General Notes:**

- 1. Building Structure and Materials shall comply with all code requirements for new construction
- subject to 130 mph wind load. 2. Window Types: NOTE all windows to be rated for 130 MPH Construction
- A =  $2'-9 \frac{1}{2}$ " x 4'-5" Solid Vinyl Double Hung with Low-E glass and Grilles in glass, standard
- B =  $2'-5\frac{1}{2}$ " x 4'-1" Solid Vinyl Double Hung with Low-E glass and Grilles in glass, standard profile, screens
- 3. All items as specified are "or approved equal".
- 4. All hardware shall be institutional grade and handicap accessible with institutional keying system

Similar to Medeco lock.



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** 25 DECEMBER 2014 Town of Killingworth

