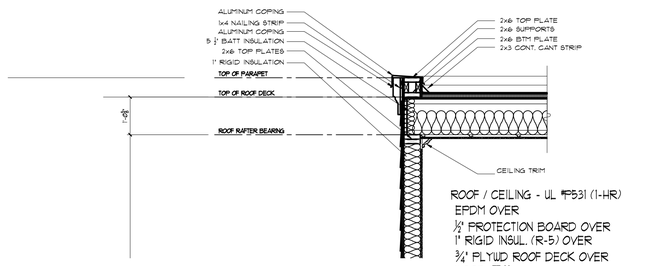
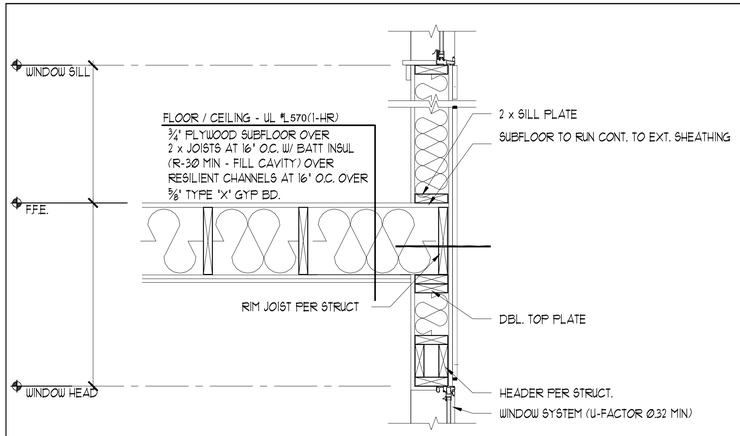
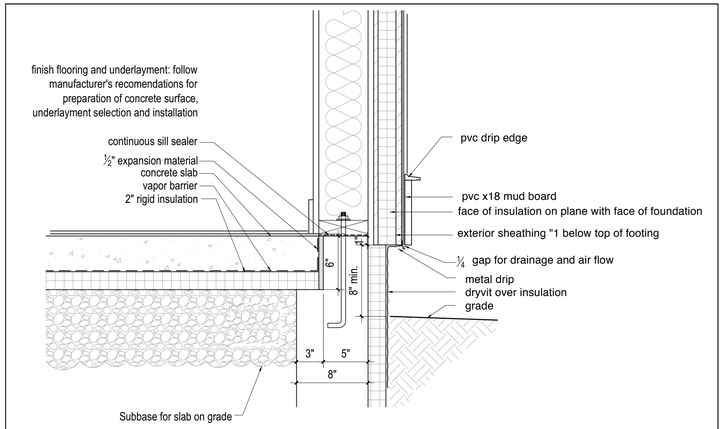


ROOF / CEILING - UL #P531 (1-HR)
EPDM OVER
½" PROTECTION BOARD OVER
1" RIGID INSUL. (R-5) OVER
¾" PLYWD ROOF DECK OVER
WOOD TJI
R-38 BATT INSUL OVER
RESILIENT CHANNEL AT 16" O.C. OVER
⅝" TYPE 'X' GYP BD.

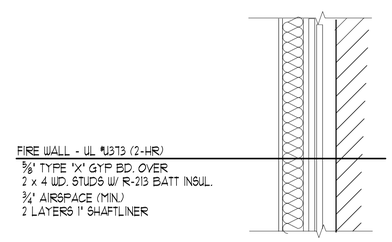
C-01 **Typical Parapet Detail**
3/4" = 1'-0"



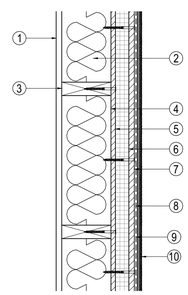
C-02 **1 Hour Rated Floor Ceiling Assembly UL Design L570**
1" = 1'-0"



C-04 **Top of Foundation Detail**
1-1/2" = 1'-0"

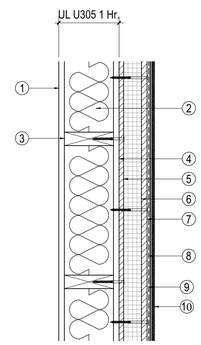


W-01 **Fire Separation Wall between existing and new**
1" = 1'-0" (See Sheet A3.2)



1. One layer 5/8" proprietary type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to 2 x4 wood studs 16" o.c. with 15/8" Type S drywall screws 12" o.c. to studs when applied parallel to framing or 8" o.c. when applied at right angles to framing
2. cavity insulation kraft faced r21 high density fiberglass batts
3. 26x studs at 16" on center, fire stopped
4. One layer 5/8" proprietary type X gypsum sheathing or glass mat gypsum substrate (sheathing) applied parallel or at right angles to 2x6 wood studs 16" o.c. with 15/8" Type S drywall screws 12" o.c. to studs when applied parallel to framing or 8" o.c. when applied at right angles to framing.
5. Wall Sheathing
6. 2" insulation
7. 5/8" plywood sheathing
8. weather barrier
9. Drainage mesh
10. 1X6 T&G Vertical Pine

W-04 **Exterior Wall T&G Vertical Pine**
1-1/2" = 1'-0"



1. One layer 5/8" proprietary type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to 2 x4 wood studs 16" o.c. with 15/8" Type S drywall screws 12" o.c. to studs when applied parallel to framing or 8" o.c. when applied at right angles to framing
2. cavity insulation kraft faced r21 high density fiberglass batts
3. 26x studs at 16" on center, fire stopped
4. One layer 5/8" proprietary type X gypsum sheathing or glass mat gypsum substrate (sheathing) applied parallel or at right angles to 2x6 wood studs 16" o.c. with 15/8" Type S drywall screws 12" o.c. to studs when applied parallel to framing or 8" o.c. when applied at right angles to framing.
5. Wall Sheathing
6. 2" insulation
7. 5/8" plywood sheathing
8. weather barrier
9. Drainage mesh
10. 1X6 T&G Vertical Pine

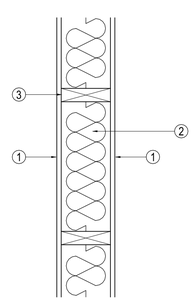
proprietary gypsum panel products:
5/8" SECUROCK® Glass-Mat Sheathing Panels
5/8" SHEETROCK® Brand UltraLight Panels FIRECODE® X
see UL U305 for acceptable substitutions

W-03 **Exterior Wall T&G Vertical Pine, 1 hour rated UL Design U 305**
1-1/2" = 1'-0"

One-Hour Ceiling
(Based on GA File Nos. FC 5406 and RC 2601)

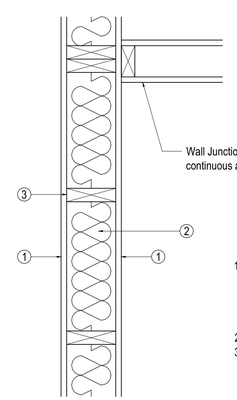
The ceiling membrane consists of two layers of 5/8" (15.9 mm) type X gypsum board directly applied to framing or furring. The base layer of gypsum board is applied at right angles to ceiling framing 24" (610 mm) o.c. and attached with 1" (25 mm) Type S or S-12 drywall screws (for steel framing) or 1-1/4" (32 mm) Type W or S drywall screws (for wood framing) spaced 24" (610 mm) o.c. The face layer of gypsum board is applied at right angles to the framing and attached with 1-5/8" (41 mm) Type S or S-12 drywall screws (for steel framing) or 1-7/8" (48 mm) Type W or S drywall screws (for wood framing) 12" (305 mm) o.c. at end joints and intermediate joints and 1-1/2" (38 mm) Type G drywall screws 12" (305 mm) o.c. placed 2" (50 mm) back on either side of end joints. Joints of the face layer are offset 24" (610 mm) from the joints in the base layer. Face layer joints and fasteners are finished to Level 1 as specified in GA-214, *Levels of Gypsum Board Finish*.

C-03 **Ceiling at top of rated shaft**
1-1/2" = 1'-0"



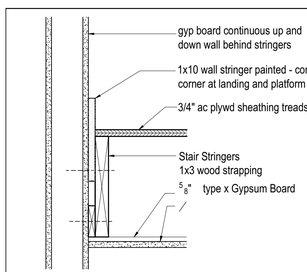
1. One layer 1/2" gypsum wallboard
2. 21 high density fiberglass batts
3. 2x4 or 2x6 studs at 16" on center

W-06 **Interior Apartment Wall**
1-1/2" = 1'-0"



1. One layer 5/8" proprietary type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to 2 x 4 wood studs 16" o.c. with 15/8" Type S drywall screws 12" o.c. to studs when applied parallel to framing or 8" o.c. when applied at right angles to framing
2. R21 high density fiberglass batts
3. 2x4 or 2x6 studs at 16" on center, fire stopped

W-05 **Stair, elevator wall: 1 hour rated UL Design U 305**
1-1/2" = 1'-0"



W-02 **Stair Enclosure Detail: 1 hour rated**
1-1/2" = 1'-0"

Sunny Time Solar
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04112
207.522.4345
livclase@yahoo.com

PROJECT NO.
2016
PROJECT NAME
49 HANCOCK STREET
PORTLAND, MAINE

REVISIONS
1 - 3/29/16
2 -
3 -
4 -
5 -

PERMITTING DOCUMENTS

DRAWN BY **LRC**
SHEET TITLE
DETAILS

ISSUE DATE **1/9/15**
SHEET SCALE

A

4.1