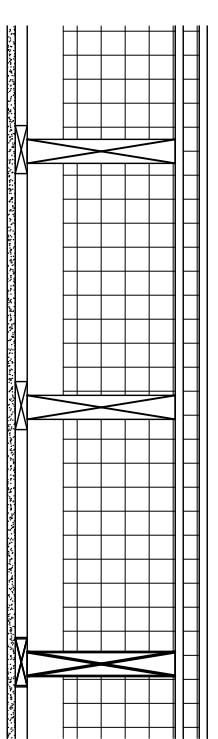
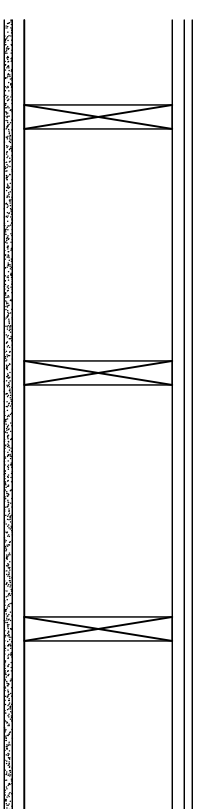


FLOOR, ROOF, CEILING TYPES



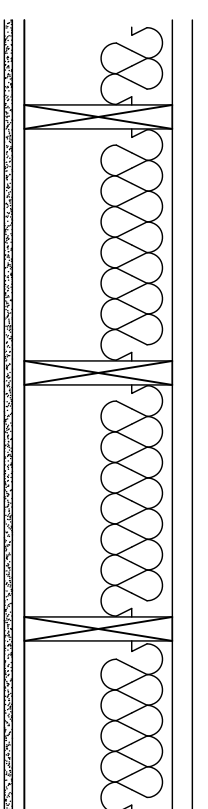
R1 ROOF/CEILING ASSEMBLY

[R1] ROOF/CEILING ASSEMBLY
 5/8" Type X Gypsum wallboard applied at right angles to 2x framing with 1/4" Type W or S drywall screws.
 2x wood strapping.
 Insulation applied to underside of roof deck to equal R-49.
 AEA rated plywood sheathing with exterior glue applied at right angles to framing with 8d nails.
 1/2" min. tapered rigid insulation.
 1/2" f/ceboard.
 0/0/0 fully adhered EPDM membrane.



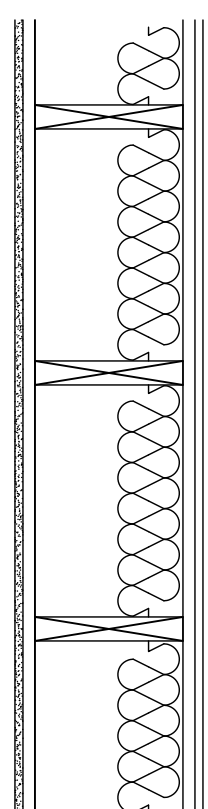
F1 FLOOR/CEILING ASSEMBLY

[F1] FLOOR/CEILING ASSEMBLY
 Finish flooring - Subflooring - 5/8" APA rated interior sheathing w/ exterior glue
 2x wood joists
 1x3 wood strapping @ 16" o.c.
 One layer 5/8" Type X Gypsum wallboard applied at right angles to strapping w/ Type S drywall screws 8" OC at ends and 12" OC at intermediate strapping



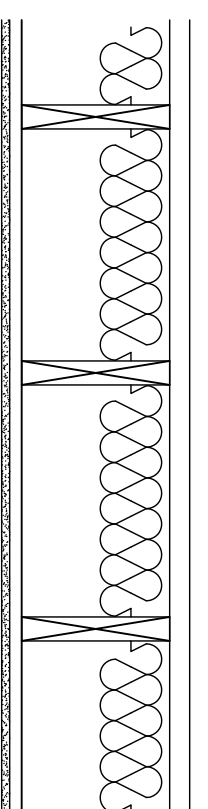
F2 1 HR. FLOOR/CEILING ASSEMBLY

[F2] 1 HR. FLOOR/CEILING ASSEMBLY
 UL DESIGN L52
 STC 51, IIC 51
 Existing 1/2" Nominal Subflooring / Finish flooring
 Existing 2x wood joists.
 3/4" S.A.F.B.
 Resilient channel @ 24" o.c.
 One layer 5/8" Type X Gypsum wallboard applied at right angles to resilient channels w/ Type S drywall screws 8" OC at ends and 12" OC at intermediate framing channels.



F3 1 HR. FLOOR/CEILING ASSEMBLY

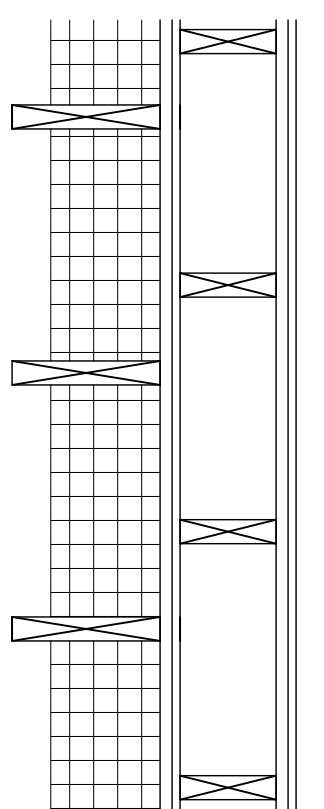
[F3] 1 HR. FLOOR/CEILING ASSEMBLY
 UL DESIGN L52
 STC 51, IIC 51
 Finish flooring - 5/8" APA rated interior sheathing w/ exterior glue
 2x wood joists
 3/4" S.A.F.B.
 Resilient channel @ 24" o.c.
 One layer 5/8" Type X Gypsum wallboard applied at right angles to resilient channels w/ Type S drywall screws 8" OC at ends and 12" OC at intermediate framing channels.



F4 FLOOR/CEILING ASSEMBLY

[F4] FLOOR/CEILING ASSEMBLY
 Existing 1/2" Nominal Subflooring / Finish flooring
 Existing 2x wood joists.
 Wood strapping.
 One layer 5/8" Type X Gypsum wallboard applied at right angles to strapping w/ Type S drywall screws 8" OC at ends and 12" OC at intermediate strapping.

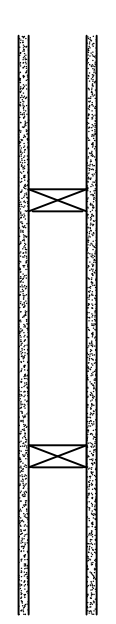
F5 NOT USED



F6 FLOOR ASSEMBLY

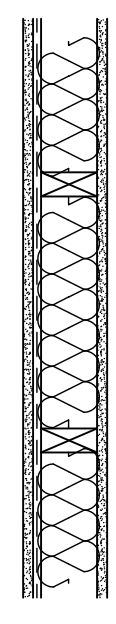
[F6] FLOOR ASSEMBLY
 Finish flooring - Subflooring - 5/8" APA rated interior sheathing w/ exterior glue
 2x wood joists @ 24" o.c.
 Existing finish flooring and subflooring
 Existing 2x wood joists
 Insulation - closed cell foam insulation applied to underside of floor deck to equal R-30

WALL TYPES



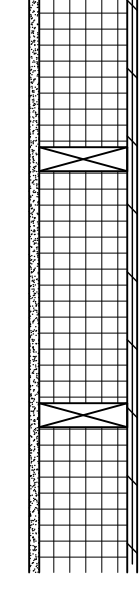
W1 UNTREATED INTERIOR PARTITION WALL

[W1] UNTREATED INTERIOR PARTITION WALL
 1. One layer 5/8" Gypsum applied with 1" Type S drywall screws 12" o.c.
 2. 2x4 wood stud @ 16" o.c.



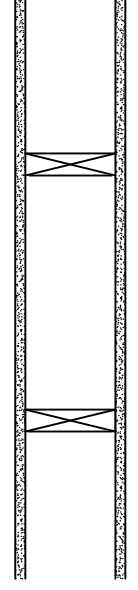
W2 1 HR BEARING WALL ASSEMBLY

[W2] 1 HR BEARING WALL ASSEMBLY
 UL L311
 STC 50
 Resilient channels 2x4" o.c. attached at right angles to ONE SIDE of 2x4 wood studs 16" o.c. with 1-1/4" Type S drywall screws.
 One layer 5/8" proprietary type X Gypsum wallboard applied parallel to channels with 1" Type S drywall screws 12" o.c.
 3" S.A.F.B. in stud space.
 Opposite side: One layer 5/8" proprietary type X Gypsum wallboard applied at right angles to studs with 1-1/4" Type W drywall screws 12" o.c.
 Vertical joints staggered 48" on opposite sides.
 Penetrator caulked.
 Each electrical box to be placed in separate wall cavity between studs.
 Caulk seal the plates and electrical boxes.
 The side of the assembly without resilient channels shall occur on the stud/wall side of the assembly.



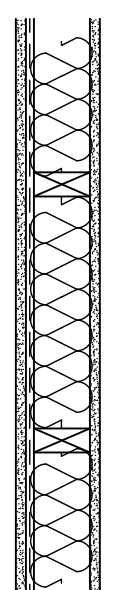
W3 1 HR EXTERIOR WALL ASSEMBLY

[W3] 1 HOUR EXTERIOR WALL
 UL L330
 One layer 5/8" type X gypsum wallboard applied at right angles to interior side of 2 x 6 wood studs 16" o.c. with end coated nails, 1 7/8" long @ 0.085" shank, 1 3/4" heads, 24" o.c.
 Insulation: R11 cavity with open cell foam insulation equal to R-21.
 1/2" APA rated wall sheathing.
 Type S nailing wrap.
 Vinyl siding.



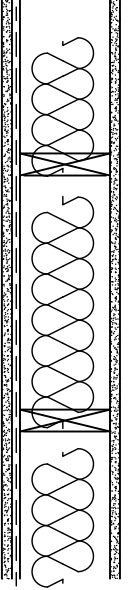
W4 UNTREATED INTERIOR WET WALL

[W4] UNTREATED INTERIOR WET WALL
 DRY SIDE: One layer on side 5/8" type X Gypsum applied with 1" Type S drywall screws 12" o.c.
 WET SIDE OR SIDS: One layer 5/8" type MR gypsum applied with 1" Type S drywall screws 12" o.c.
 2x6 wood stud 16" o.c.



W5 UNTREATED INTERIOR PARTITION WALL

[W5] UNTREATED INTERIOR PARTITION WALL
 STC 50
 Resilient channels 2x4" o.c. attached at right angles to ONE SIDE of 2x4 wood studs 16" o.c. with 1-1/4" Type S drywall screws.
 One layer 5/8" proprietary type X Gypsum wallboard applied parallel to channels with 1" Type S drywall screws 12" o.c.
 3" S.A.F.B. in stud space.
 Opposite Side: One layer 5/8" proprietary type X Gypsum wallboard applied at right angles to studs with 1-1/4" Type W drywall screws 12" o.c.
 Vertical joints staggered 48" on opposite sides.
 Penetrator caulked with acoustic caulk.
 Each electrical box to be placed in separate wall cavity between studs.
 Caulk seal the plates and electrical boxes.



W6 UNTREATED INTERIOR WET WALL

[W6] UNTREATED INTERIOR WET WALL
 STC 50
 Resilient channels 2x4" o.c. attached at right angles to ONE SIDE of 2x6 wood studs 16" o.c. with 1-1/4" Type S drywall screws.
 DRY SIDE: One layer 5/8" proprietary type X Gypsum wallboard applied parallel to channels with 1" Type S drywall screws 12" o.c.
 3" S.A.F.B. in stud space.
 WET SIDE OR SIDES: One layer 5/8" proprietary type MR gypsum wallboard applied at right angles to studs with 1-1/4" Type W drywall screws 12" o.c.
 Vertical joints staggered 48" on opposite sides.
 Penetrator caulked with acoustic caulk.
 Each electrical box to be placed in separate wall cavity between studs.
 Caulk seal the plates and electrical boxes.

Drawing
WALL, CEILING, FLOOR & ROOF TYPES

Date
 4/8/13
 Project:
ADDITION & RENOVATIONS
 503 WOODFORD STREET
 PORTLAND, MAINE

Scale
 As Noted

Architect
SHIELDS ARCHITECTURE
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