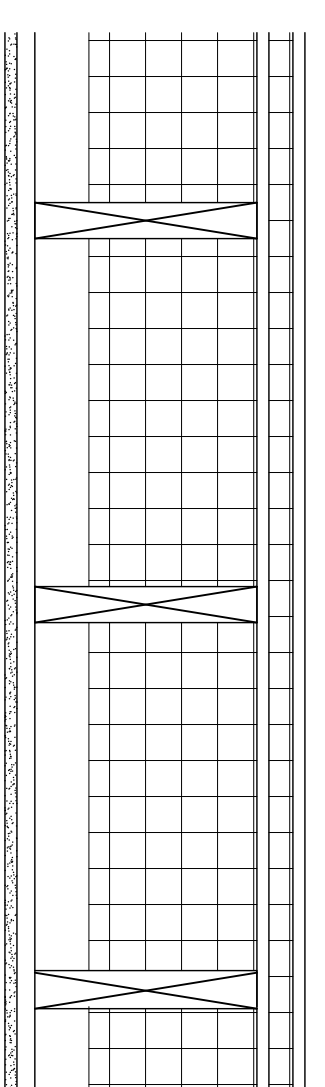
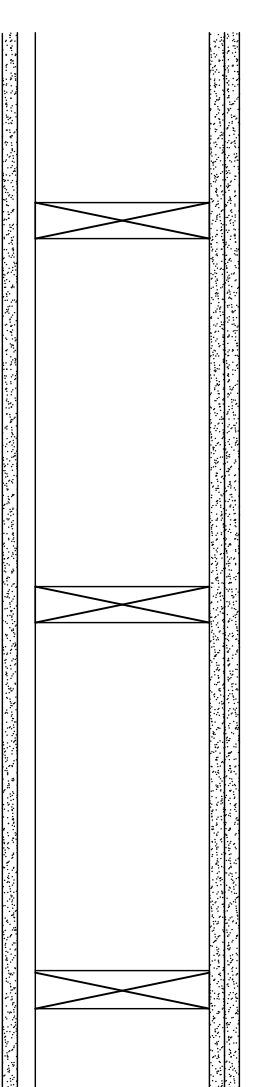


**ROOF / CEILING TYPES**



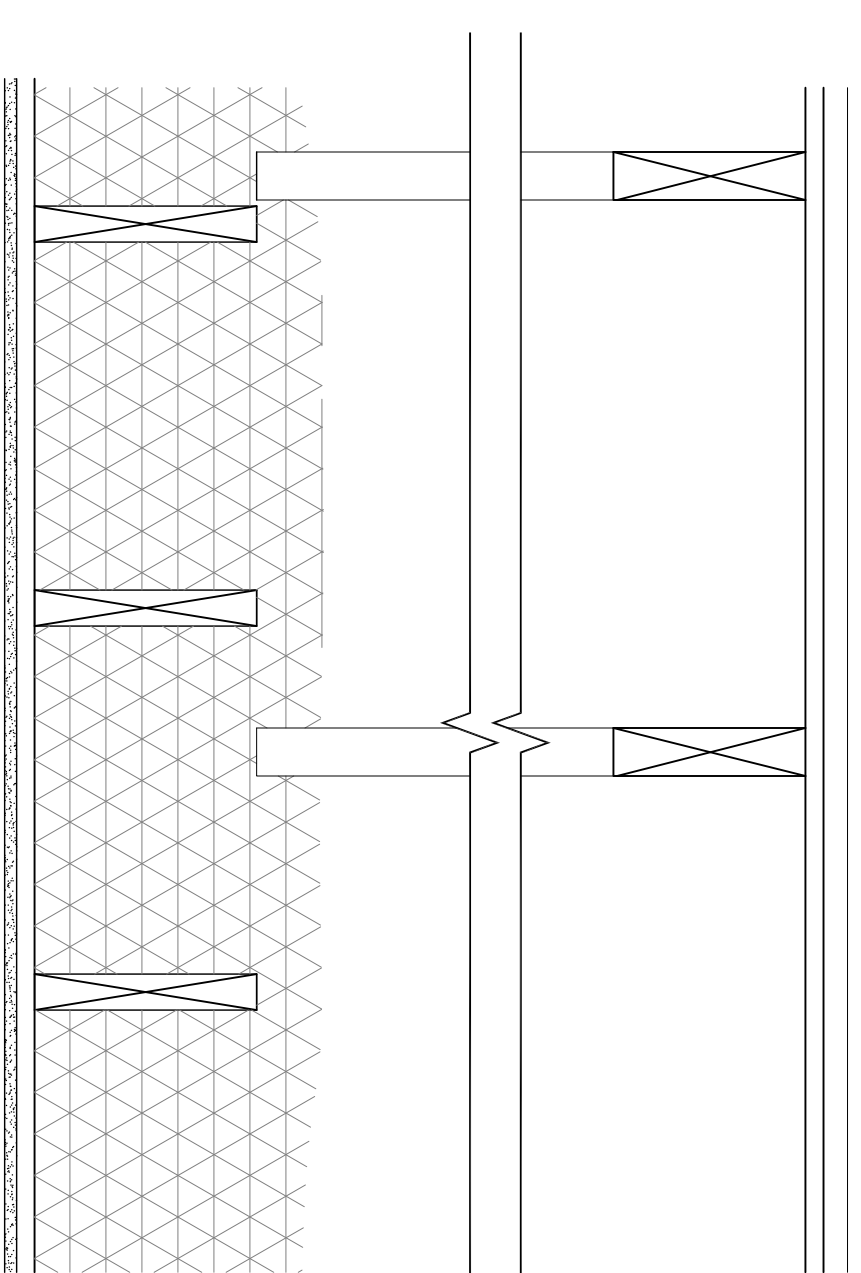
**R1** ROOF/CEILING ASSEMBLY

- [R1] ROOF/CEILING ASSEMBLY**  
 UL L512
1. 5/8" Type X gypsum wallboard applied at right angles to TJI framing with 1 1/4" Type W or S drywall screws - joints finished.
  2. 1x wood strapping.
  3. 2x wood framing.
  4. Insulation: foam insulation applied to underside of roof deck to equal R-49.
  5. APA rated plywood sheathing with exterior glue applied at right angles to framing with 8d nails.
  6. 1 min. tapered rigid insulation.
  7. 1/2" Type W or S drywall.
  8. 0/60 Fibly-adhered EPDM membrane.
  9. Aluminum scrapers & roof edge termination - pfd.



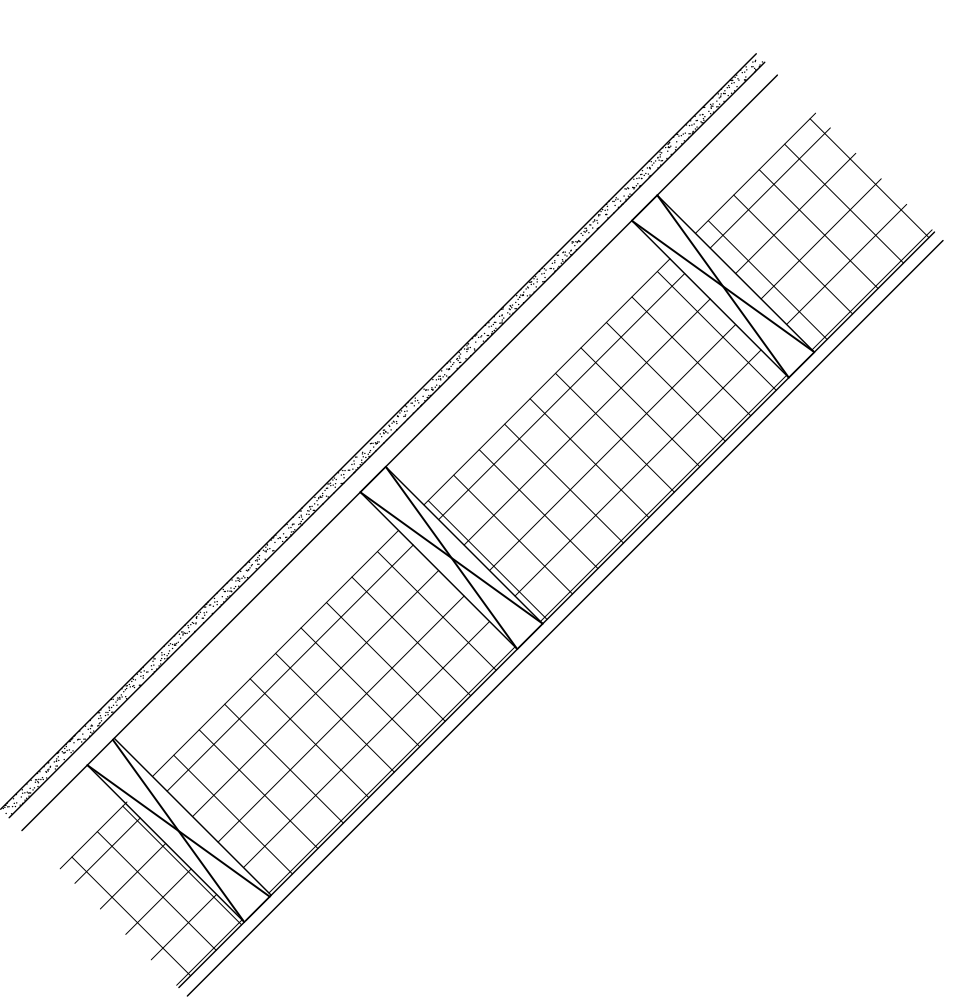
**R2** CEILING ASSEMBLY  
1 HR

- [R2] CEILING ASSEMBLY**  
 UL L512
1. 5/8" Type X gypsum wallboard applied at right angles to 2x framing with 1 1/4" Type W or S drywall screws - joints finished.
  2. 1x wood strapping.
  3. 2x wood framing.
  4. (2) layers Type X gypsum wallboard applied at right angles to 2x framing with 2" Type W or S drywall screws - joints finished.



**R3** EXISTING ROOF/CEILING ASSEMBLY

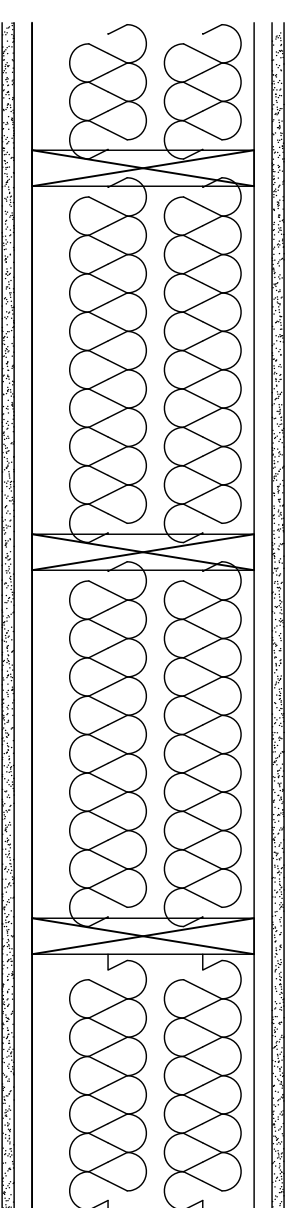
- [R3] ROOF / CEILING ASSEMBLY**
1. Existing lath & plaster ceiling.
  2. Existing 2x wood joists.
  3. New R-49 blown-in cellulose insulation on top of existing blown-in insulation.
  4. Existing 2x roof framing.
  5. Existing roof sheathing.
  6. New roofing paper.
  7. New asphalt shingles.



**R4** ROOF/CEILING ASSEMBLY

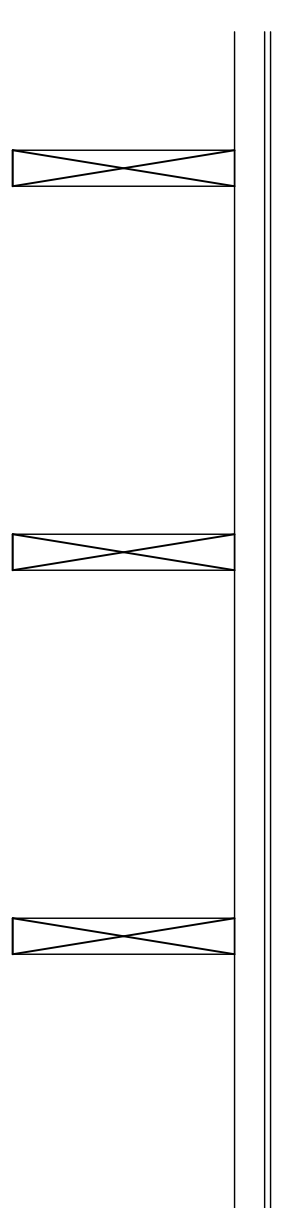
- [R4] ROOF/CEILING ASSEMBLY**
1. Existing lath & plaster finish - pfd.
  2. 2x6 wood framing.
  3. Insulation: closed cell foam insulation applied to underside of roof deck. R-value = 6.57 per inch.
  4. Existing sheathing.
  5. Existing joists.
  6. Existing roof sheathing.
  7. Lath & Plaster finish - pfd.
  8. Asphalt shingles.

**FLOOR TYPES**



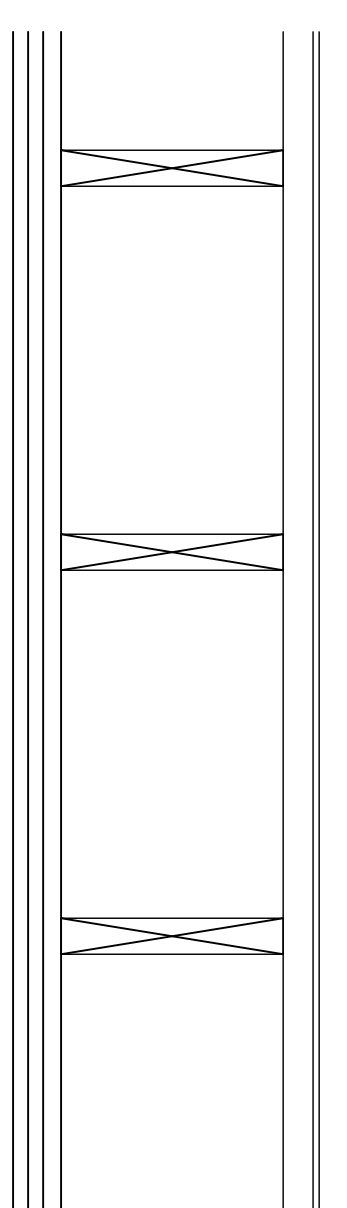
**F1** 1 HR. FLOOR/CEILING ASSEMBLY

- [F1] 1 HR. FLOOR/CEILING ASSEMBLY**  
 UL L312, STC 51, IIC 51
1. Finish flooring.
  2. Underlayment.
  3. Subflooring.
  4. 2x wood joists.
  5. RC-1 channel spaced @ 24" o.c.
  6. Resilient channel @ 24" o.c.
  7. One layer 5/8" Type X gypsum wallboard applied at right angles to resilient channels w/ 1" Type S drywall screws 8" OC at ends and 12" OC at intermediate framing channels.



**F2** FLOOR ASSEMBLY

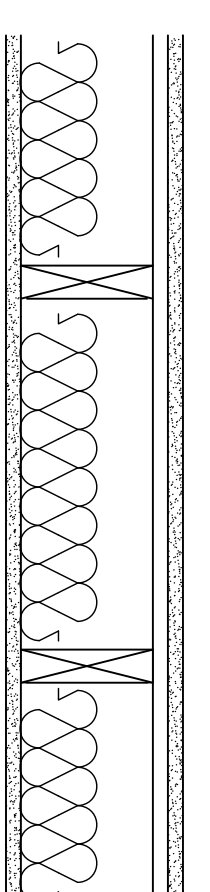
- [F2] FLOOR ASSEMBLY**
1. Finish flooring.
  2. Underlayment.
  3. Existing finish flooring.
  4. Existing 1" Nominal Subflooring.
  5. Existing 2x wood joists.



**F3** 1 HR. FLOOR/CEILING ASSEMBLY

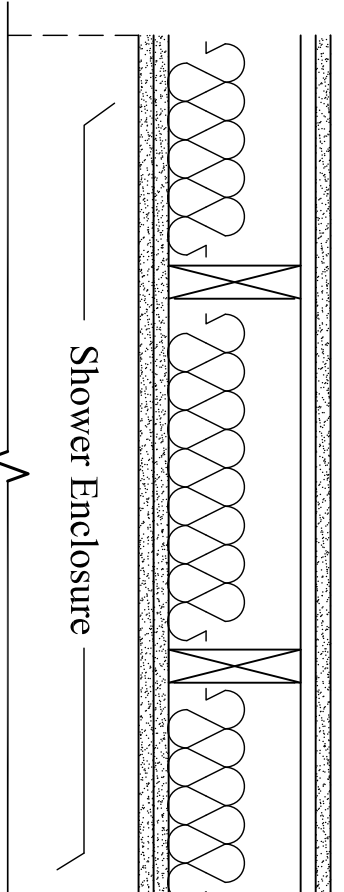
- [F3] 1 HR. FLOOR/CEILING ASSEMBLY**  
 GA FCS406 or RC2601
1. Finish flooring.
  2. Underlayment.
  3. Existing finish flooring.
  4. Existing 1" Nominal Subflooring.
  5. Existing 2x wood joists.
  6. (1) layer Type X gypsum wallboard applied at right angles to 2x framing with 2" Type S drywall screws - joints finished.

**WALL TYPES**



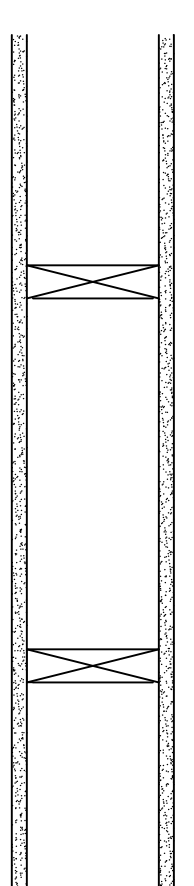
**W1** INTERIOR RATED WALL  
1 HR., 50 STC

- [W1] 1 HOUR RATED INTERIOR PARTITION WALL**  
 UL U311, 50 STC
1. One layer 5/8" Type X gypsum board applied with 1 7/8" Type W screws 7" o.c.
  2. 2x6 wood stud @ 16" or 24" o.c.
  3. 3" Thermfiber Cressed SAFB.
  4. RC-1 channel spaced 24" o.c.
  5. Panels applied horizontally and attached to channels end joint back blocked with RC-1 channel or equivalent with 1" Type S screws finished.
  6. Perimeter caulked with acoustic caulk.
  7. Perimeter caulked with acoustic caulk.
  8. Electrical boxes from adjoining units prohibited from the same stud bay.
  9. Base as scheduled.



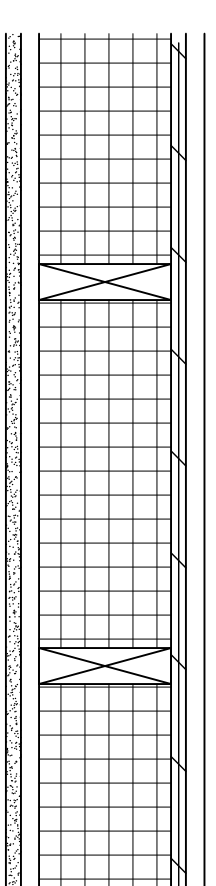
**W2** INTERIOR RATED WALL AT SHOWER ENCLOSURE  
1 HR., 50 STC

- [W2] 1 HOUR RATED INT. PARTITION WALL - SHOWER ENCLOSURE INSTALLATION AT RATED WALL**  
 UL U311
1. One layer 5/8" Type X gypsum board applied with 1 7/8" Type W screws 7" o.c.
  2. Acrylic shower enclosure to face of p.h.
  3. Finish above shower enclosure with 5/8" Type X g.b.
  4. 2x6 wood stud @ 16" or 24" o.c.
  5. 3" Thermfiber Cressed SAFB.
  6. RC-1 channel spaced 24" o.c.
  7. Panels applied horizontally and attached to channels end joint back blocked with RC-1 channel or equivalent with 1" Type S screws finished.
  8. Perimeter caulked with acoustic caulk.
  9. Electrical boxes from adjoining units prohibited from the same stud bay.
  10. Electrical boxes from adjoining units prohibited from the same stud bay.
  11. Base as scheduled.



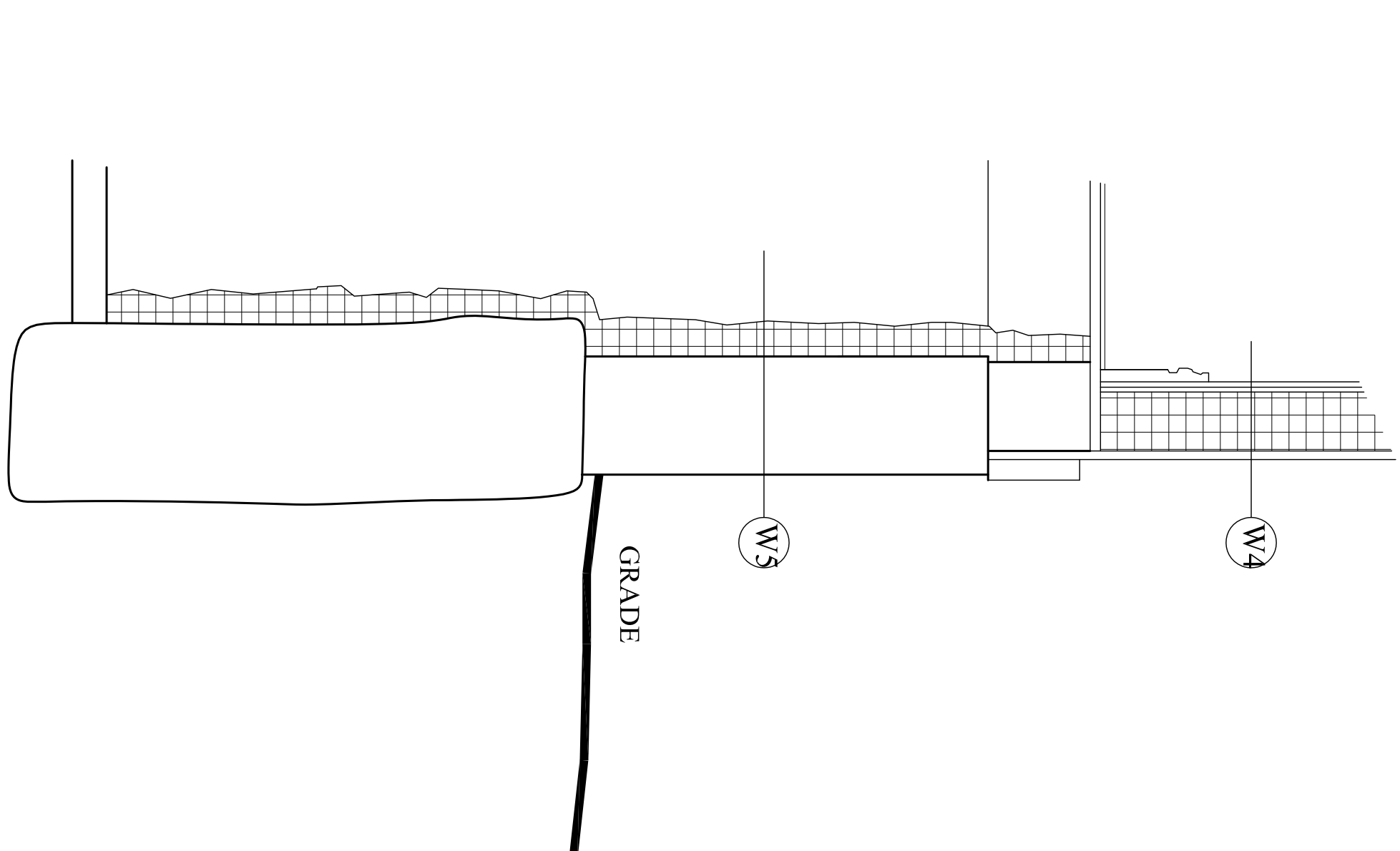
**W3** INTERIOR WALL

- [W3] INTERIOR WALL**
1. One layer 2x8" Type X gypsum wallboard each side.
  2. 2x4 or 2x6 @ 16" or 24" oc stud wall.
  3. Base as scheduled.



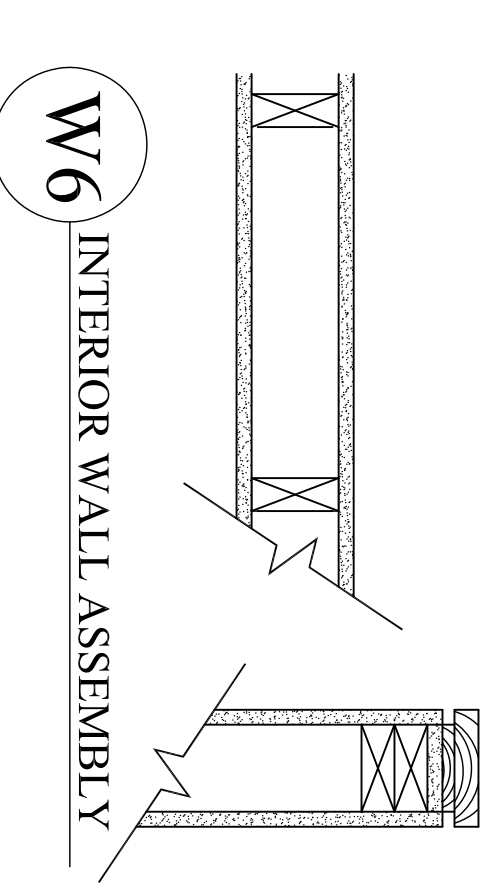
**W4** EXTERIOR WALL

- [W4] EXTERIOR WALL**
1. Base as scheduled.
  2. Existing wood lath & plaster finish or gypsum board finish.
  3. Existing post & beam framing with 2x6 nfdli or 2x6 stud wall.
  4. Insulation - open cell foam insulation blown-in from interior to fill cavity. R-value: 3.6/mch.
  5. Board or plywood sheathing.
  6. Wood or vinyl siding & accessories.



**W5** EXTERIOR BASEMENT WALL

- [W5] EXTERIOR BASEMENT WALL**
1. Existing brick foundation wall on rubble foundation wall.
  2. Rubble foundation wall.
  3. Closed cell foam applied to inside face of rubble & brick foundation wall.
  4. Thermal barrier over exposed foam insulation - Celcon TB-415 or approved by State of Maine Fire Marshal.



**W6** INTERIOR WALL ASSEMBLY

- [W6] INTERIOR WALL ASSEMBLY**
1. One layer 5/8" Type X gypsum board applied with 1 7/8" Type S drywall screws 7" o.c. ea. side.
  2. 2x4 wood stud @ 16" o.c.
  3. 1" hardwood cap (ply finish) on top of 1/2" hardwood space. 5/8" g.b.



Owner  
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Project:  
**PLEASANT AVENUE**  
**PORTLAND, MAINE**

Date: 2/3/16  
 Revision No 4 - 4/29/16; changes to Wall Type W4.

Drawing  
**WALL, FLOOR, CEILING & ROOF TYPES**