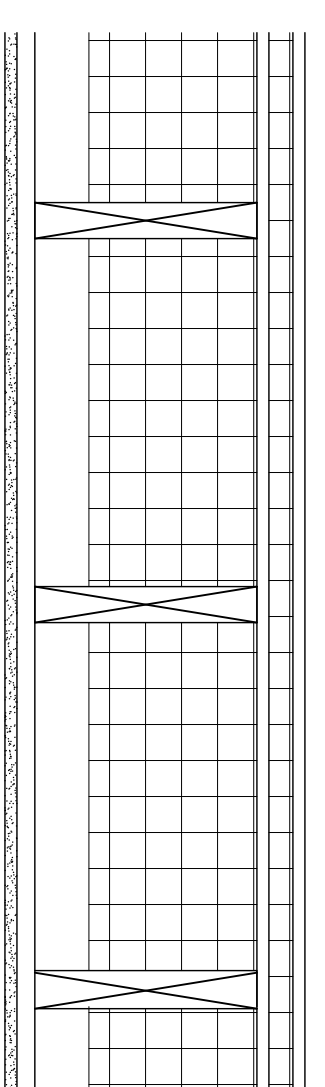
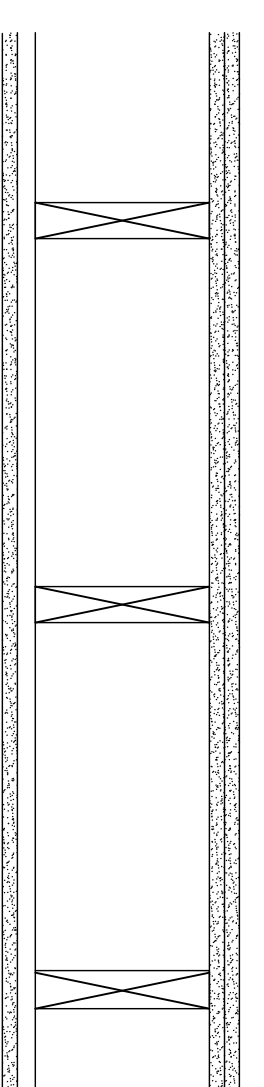


ROOF / CEILING TYPES



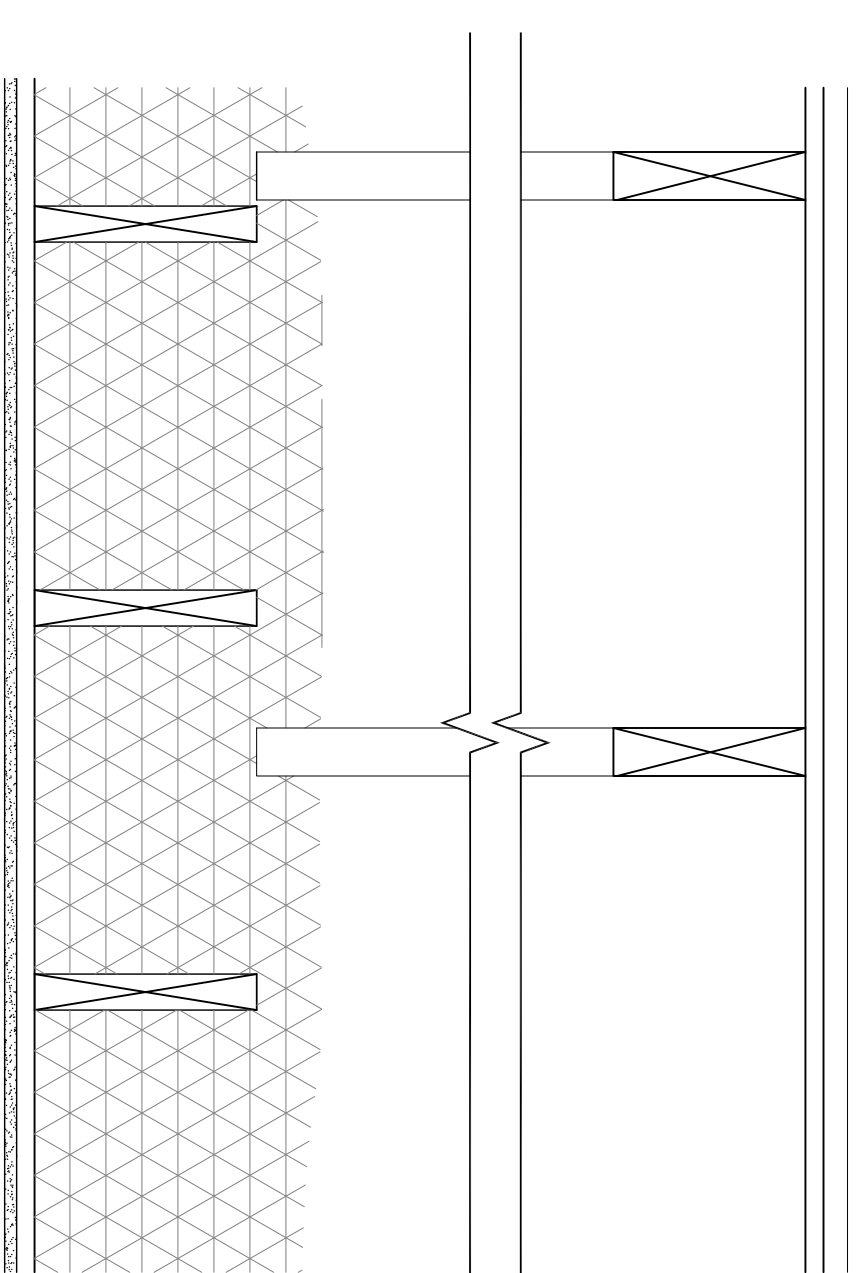
R1 ROOF/CEILING ASSEMBLY

- [R1] ROOF/CEILING ASSEMBLY**
UL L512
1. 5/8" Type X gypsum wallboard applied at right angles to TJI framing with 1 L/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 Fiberglass-adhered EPDM membrane.
 9. Aluminum scrapers & roof edge termination - pd.



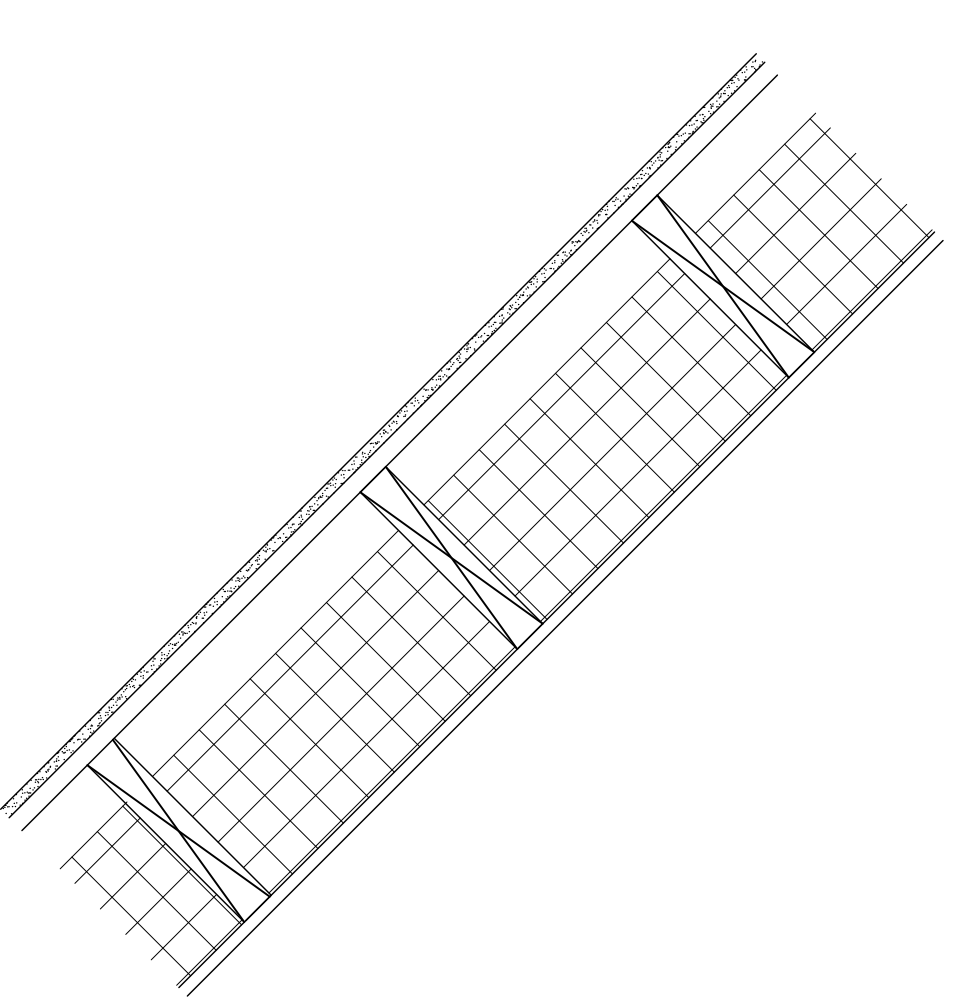
R2 CEILING ASSEMBLY
1 HR.

- [R2] 1 HR. CEILING ASSEMBLY**
UL L512
1. 5/8" Type X gypsum wallboard applied at right angles to 2x framing with 1 L/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

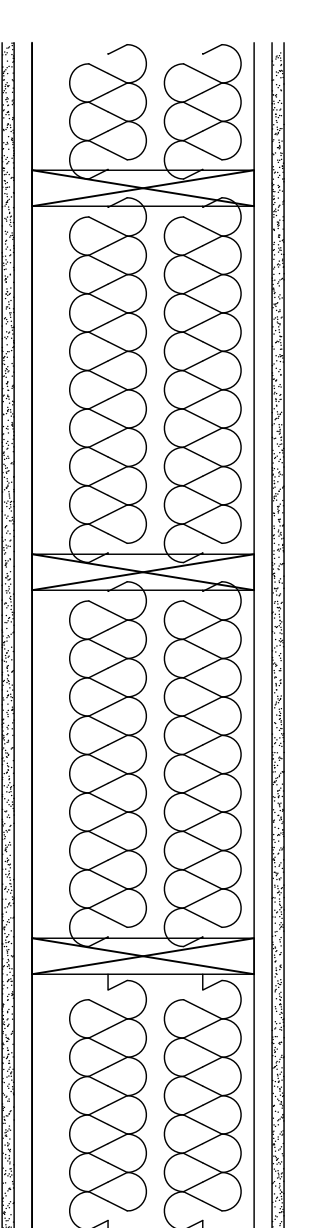
- [R3] ROOF / CEILING ASSEMBLY**
1. Existing lath & plaster ceiling.
 2. Existing 2x wood framing.
 3. New R-49 blown-in cellulose insulation on top of existing blown-in insulation.
 4. Existing 2x roof framing.
 5. Existing roof sheathing.
 6. New roofing paper.
 7. New asphalt shingles.



R4 ROOF/CEILING ASSEMBLY

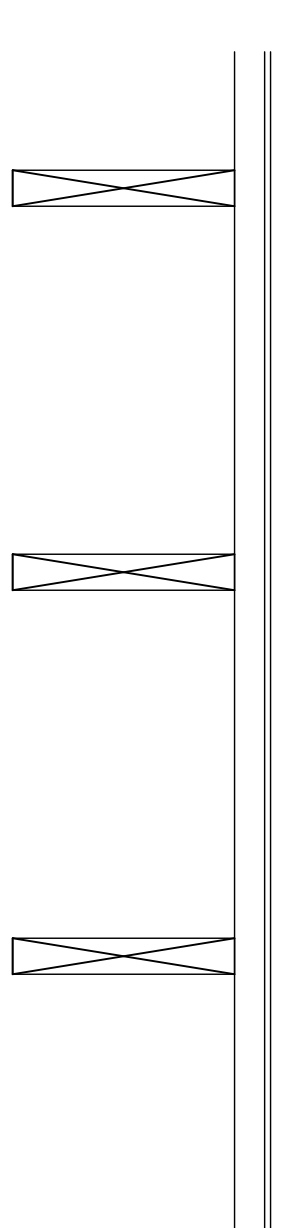
- [R4] ROOF/CEILING ASSEMBLY**
1. Existing lath & plaster finish - pd.
 2. 2x6 wood framing.
 3. Insulation: closed cell foam insulation applied to underside of roof deck. R-value = 6.57 per inch.
 4. Existing sheathing.
 5. Existing 2x roof framing.
 6. Existing roof sheathing.
 7. Lath & Plaster finished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

WALL TYPES



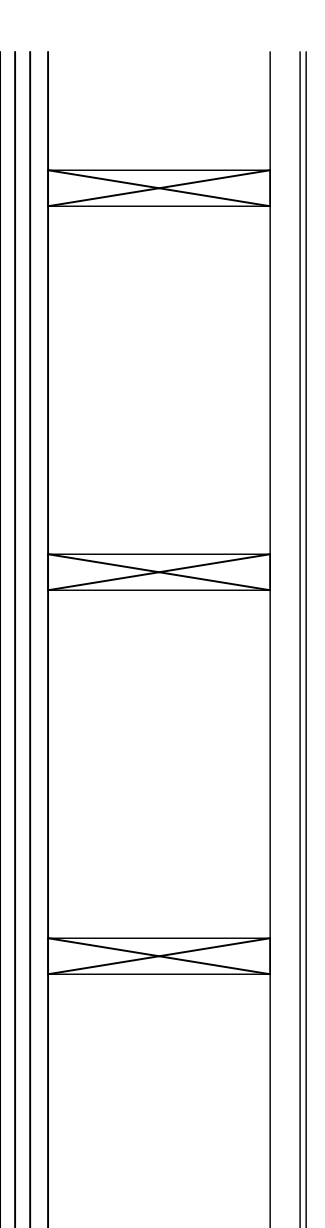
F1 1 HR. FLOOR/CEILING ASSEMBLY

- [F1] 1 HR. FLOOR/CEILING ASSEMBLY**
UL L312, STC 51, IIC 51
1. Finish flooring.
 2. Underlayment.
 3. Subflooring.
 4. 2x wood joists.
 5. 2x wood joists - S&FB.
 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.



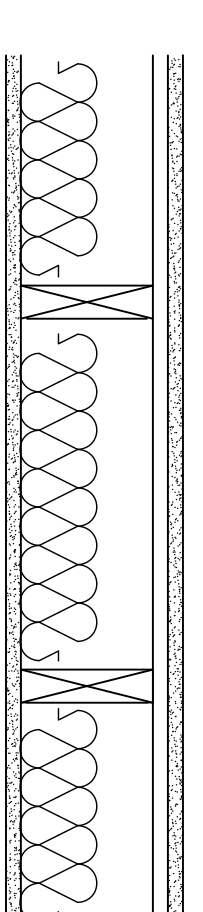
F2 FLOOR ASSEMBLY

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



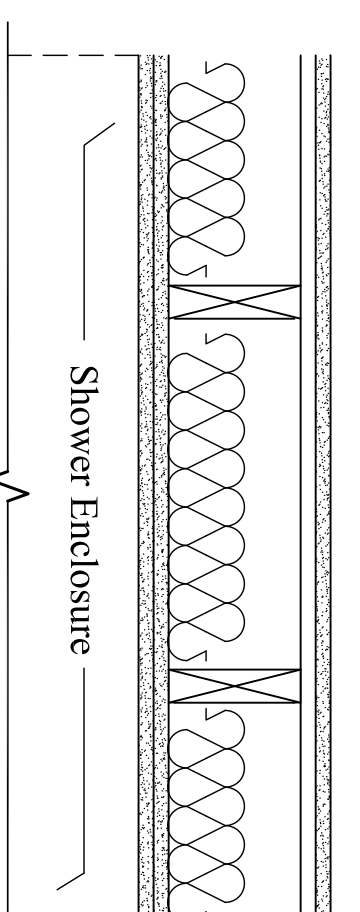
F3 1 HR. FLOOR/CEILING ASSEMBLY

- [F3] 1 HR. FLOOR/CEILING ASSEMBLY**
GA FCS406 or RC2001
1. Finish flooring.
 2. Underlayment.
 3. Existing finish flooring.
 4. Existing 1" Nominal Subflooring.
 5. Existing 2x wood joists.
 6. Existing 2x wood joists.
 7. (2) layers Type X gypsum wallboard applied framing w/ 2" Type S drywall screws - joints finished.



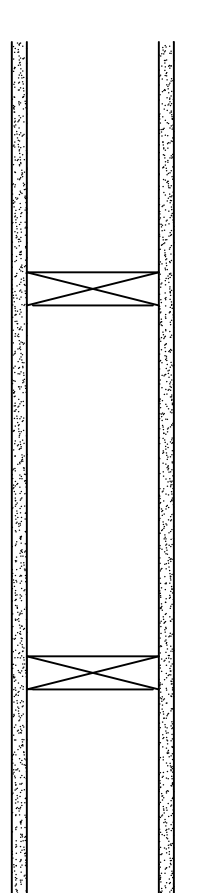
W1 INTERIOR RATED WALL
1 HR., 50 STC

- [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.
 7. Perimeter caulked with acoustic caulk.
 8. Electrical boxes from adjoining units prohibited from the same stud bay.
 9. Base as scheduled.



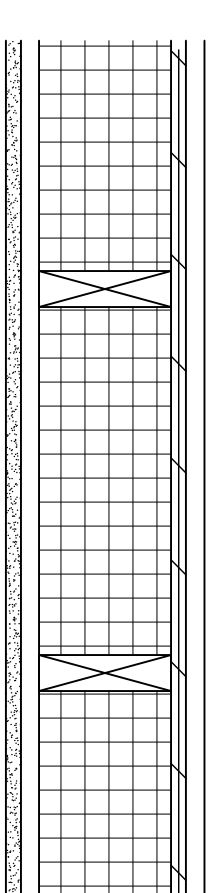
W2 INTERIOR RATED WALL AT SHOWER ENCLOSURE
1 HR., 50 STC

- [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. Attach shower enclosure to face of p.h.
 3. Finish 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.
 9. Perimeter caulked with acoustic caulk.
 10. Electrical boxes from adjoining units prohibited from the same stud bay.
 11. Base as scheduled.



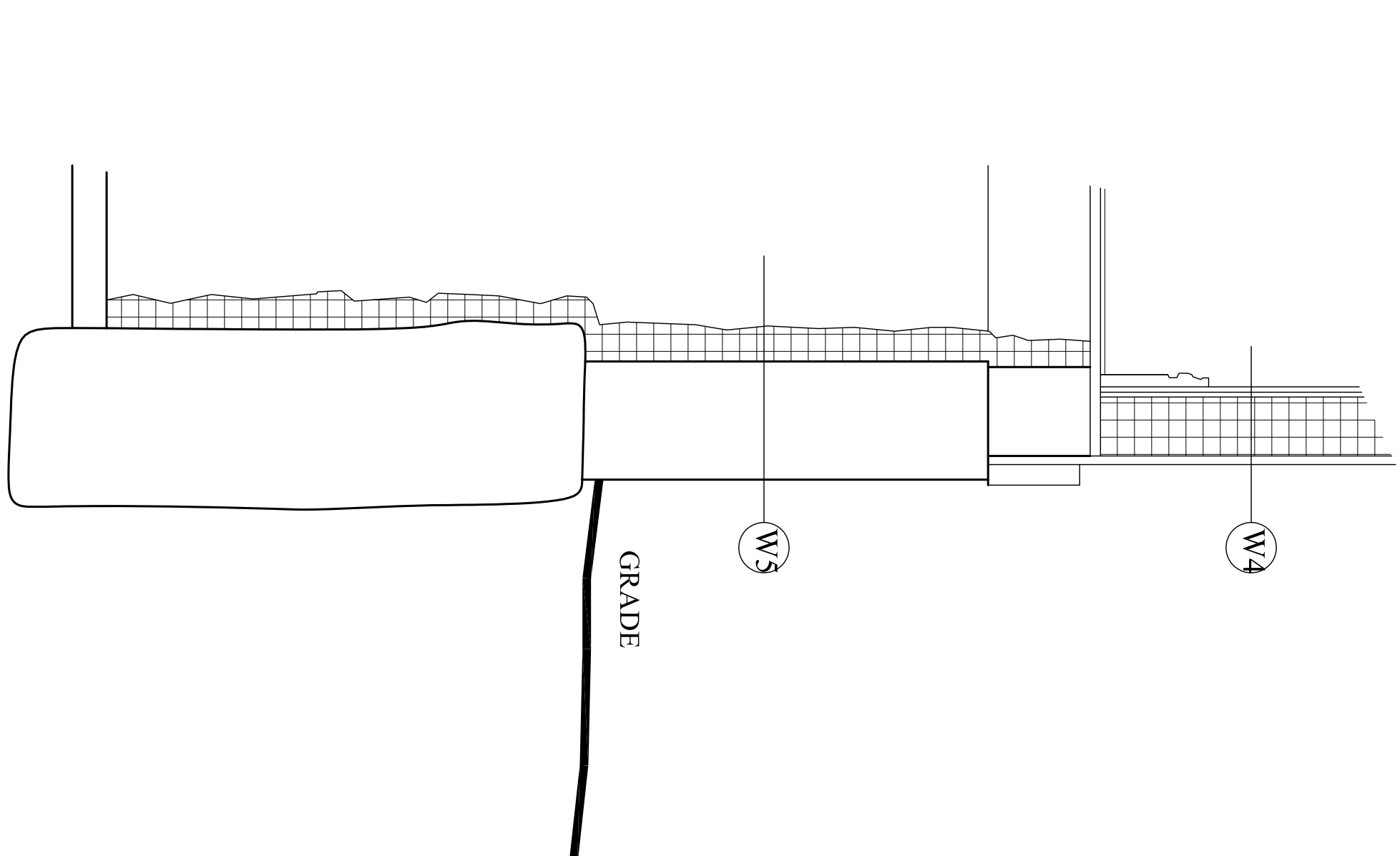
W3 INTERIOR WALL

- [W3] INTERIOR WALL**
1. One layer 5/8" Type X gypsum wallboard each side.
 2. 2x4 or 2x6 @ 16" or 24" oc stud wall.
 3. Base as scheduled.



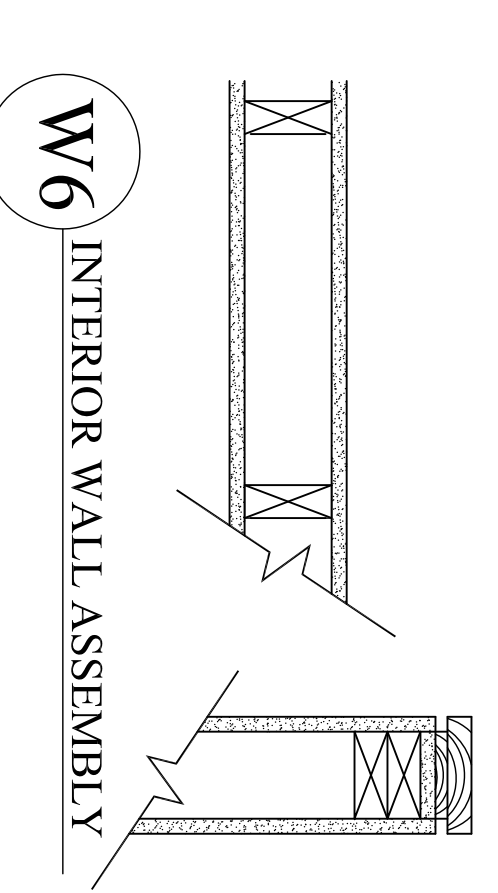
W4 EXTERIOR WALL

- [W4] EXTERIOR WALL**
1. Base as scheduled.
 2. Existing wood lath & plaster finish or gypsum board finish.
 3. Existing post & beam framing with 2x6 n/ftl 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. 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. R-value of 19.
 5. 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 spacer. 5/8" g.b.



Owner
HARDYPOND DEVELOPMENT, LLC
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Portland, Maine 04103

Architect
SHIELDS ARCHITECTURE
CUMBERLAND, MAINE
(207) 776-8926

Scale
1/8" = 1'-0"

Date
2/3/16

Project:
**PLEASANT AVENUE
PORTLAND, MAINE**

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