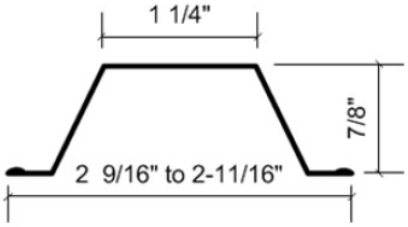
RSIC-V Value Clip

Installation Guide

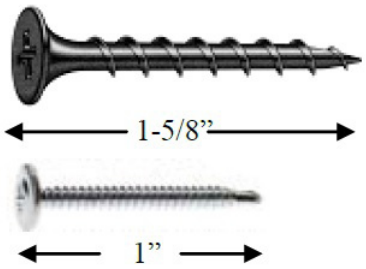


Furring Channel:

- **Minimum Requirements:** 25 gauge, hemmed edge detail required on all 25 gauge furring channel. Meets or exceeds SFIA minimum requirements.
- **Depth**: 7/8"
- **Width Bottom:** 2-9/16" to 2-11/16" wide nominal.
- **Width Top:** 1-1/4" wide
- **Splicing:** Splice drywall furring channel (hat track) with 6" overlap in mid span (between two clip) secure with 18 Gauge tie wire, or two 7/16" framing screws.

RSIC-V Value Clip:

- **Spacing:** Maximum 48" OC
- **Maximum Acoustical Design Load:** 36 Lbs



Fasteners:

- **RSIC-V to Wood:** 1-5/8" minimum size coarse thread screw
- **RSIC-V to Steel:** 9/16" minimum size fine thread screw
- For 25 gauge Steel Studs use 9/16" x #8 shank needle point, wafer head framing screw to attach the RSIC-V to the framing members
- DO NOT fasten RSIC-V Value Clips to framing members with nails. Use only approved screws.

Average Labor Rates:

- **RSIC-V Value Clip:** 72 clips per man hour
- **Drywall Furring Channel**: 550LF per man hour

*Labor rates provided to PAC International, Inc by independent contracting firm

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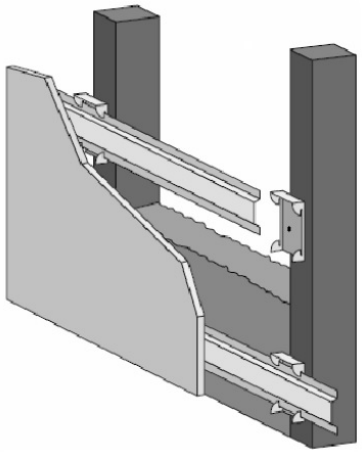
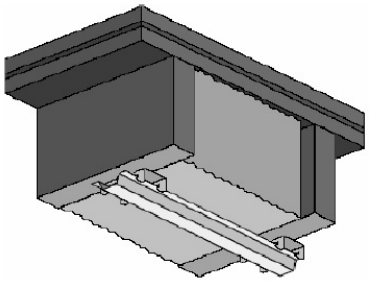
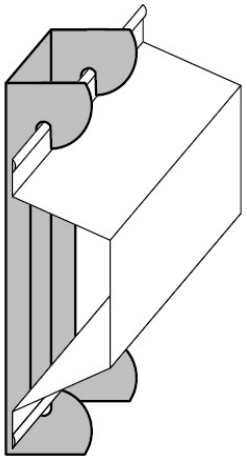
Installation for Walls and Ceilings, One and Two Layers of Gypsum Board







- RSIC-V Value Clips shall be applied 48" OC maximum, horizontal.
- Fasten the RSIC-V Value Clip to the substrate with a fastener approved (see above) for a minimum pull-out and shear of 120 Lbs.
- Ensure the RSIC-V Value Clip is tight to the substrate.
- **For Walls:** Locate the first row of RSIC-V clips within 3" from the floor and within 6" from the ceiling.
- **For Ceilings:** Locate the first row of RSIC-V Value Clips within 8" of the wall at each end of a run.
- Snap in the Drywall Furring Channel (Hat Track) into the RSIC-V Value Clips (horizontal for walls).
- **For Walls:** Place 1/4" (minimum) shim on floor to fully support the gypsum board.
    - Install the gypsum board from the bottom up leaving a 1/4" minimum gap around perimeter of wall.
    - Important: ONLY remove the shims after ALL the gypsum boards are completely screwed to ALL the drywall furring channels.
    - Make sure every screw (floor to ceiling and wall to wall) is installed as required by the assembly design, in every layer of gypsum board before removing the shims at the floor. The shims are critical for a floating wall system and ensure the best results.
    - Caulk around the perimeter of the wall. Use fire and smoke rated Acoustical Sealant where required.
- **For Ceilings:** Install the gypsum board leaving a 1/4" min. gap around perimeter of the ceiling.

Important Information

- Resilient Sound Isolation Clip (RSIC-V), furring channel (hat track) and gypsum board shall not carry heavy loads such as cabinets or bookshelves.
- Seal all potential air leaks with non-hardening acoustical caulking to achieve best noise control results. Use fire rated sealant where required.
- When attaching the RSIC-V clips to a steel stud the minimum allowable thickness is 20 gauge. (0.030"). 3 fasteners are required to secure the RSIC-V to 25 gauge framing.

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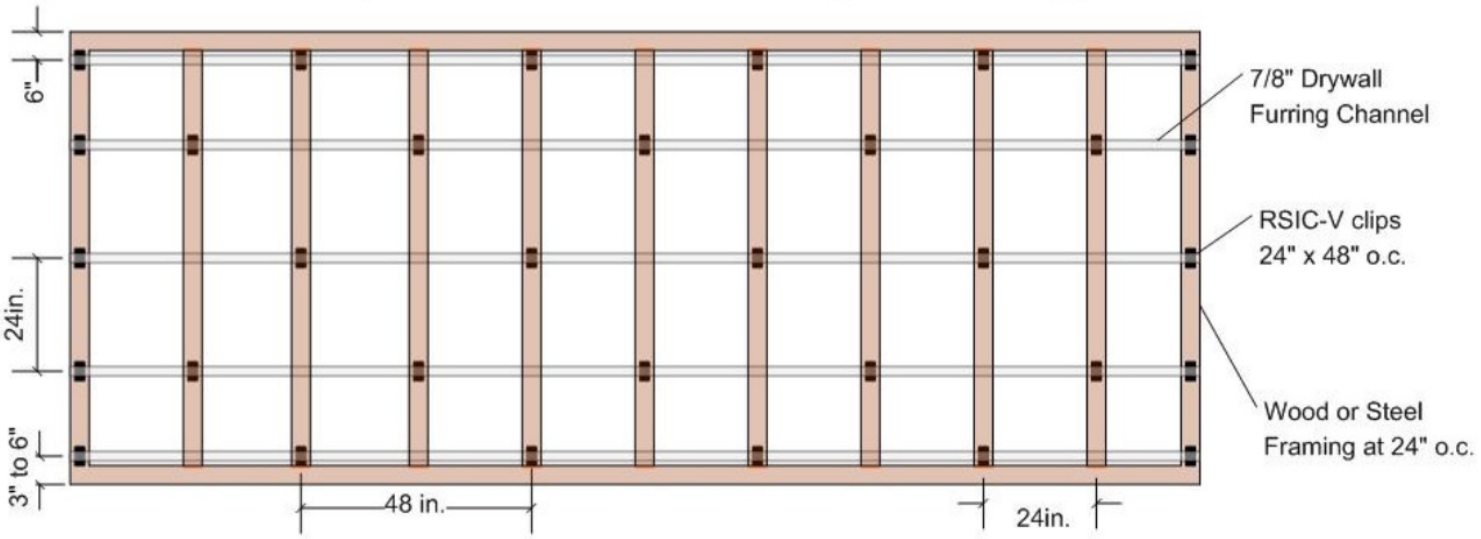
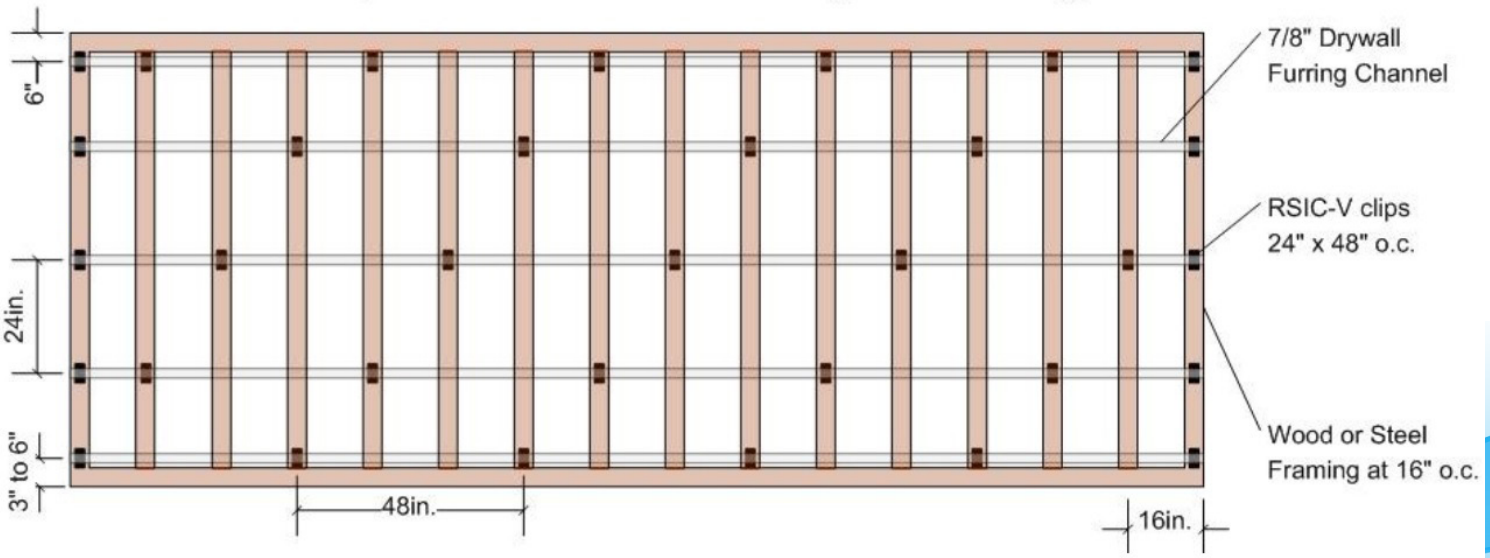
Recommended Layouts

RSIC-V Value Clips at 24” OC

Framing at 24” OC: RSIC-V Value Clips at 24” x 48” OC with 1 or 2 Layers of 5/8” Gypsum Board



Framing at 16” OC: RSIC-V Value Clips at 24” x 48” OC with 1 or 2 Layers of 5/8” Gypsum Board



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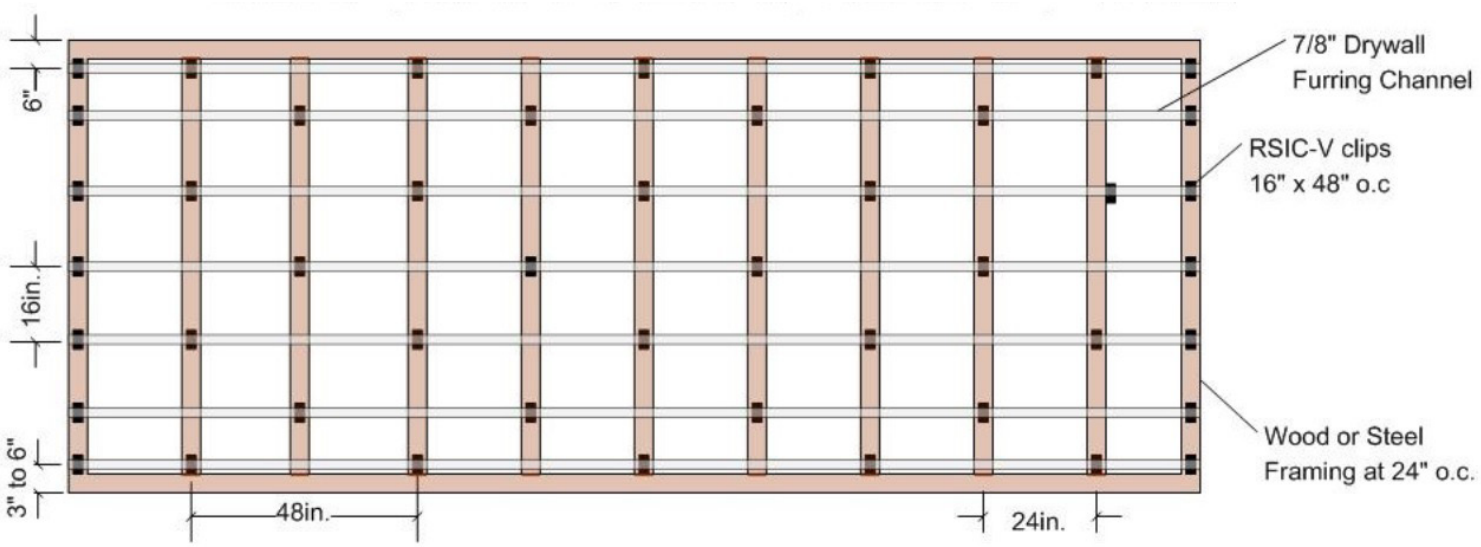
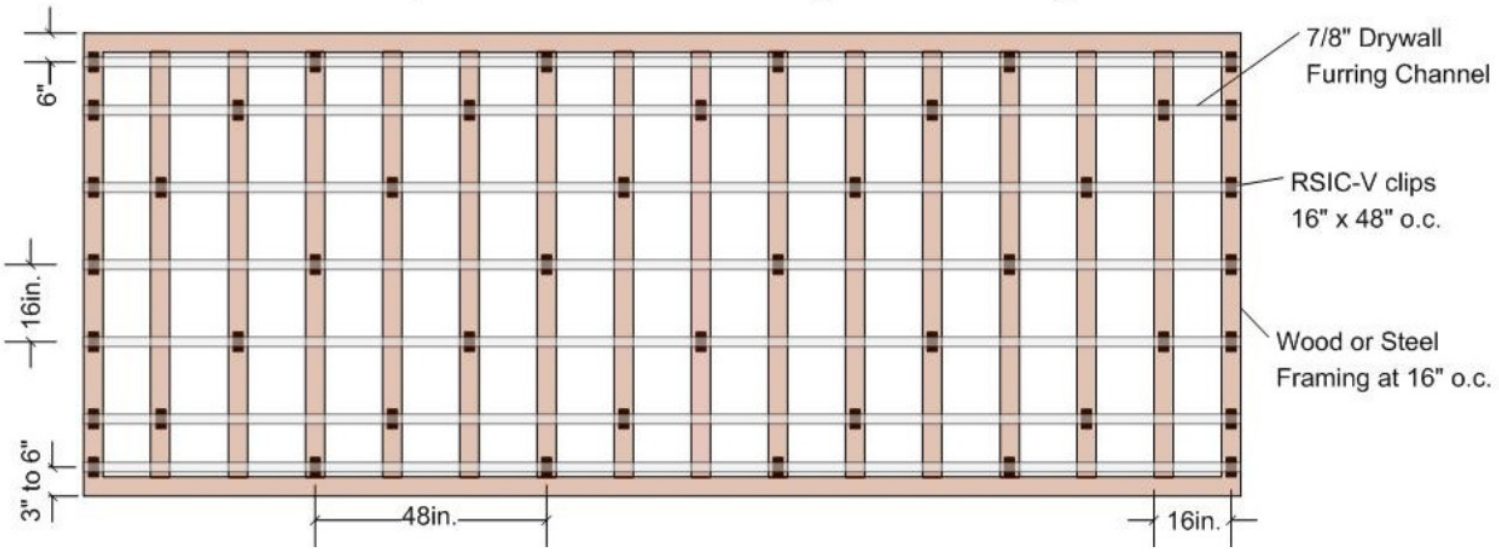
RSIC-V Value Clips at 16” OC

Framing at 24” OC: RSIC-V Value Clips at 16” x 48” OC 3 Layers of 5/8” Gypsum Board



Framing at 16” OC: RSIC-V Value Clips at 16” x 48” OC 3 Layers of 5/8” Gypsum Board



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