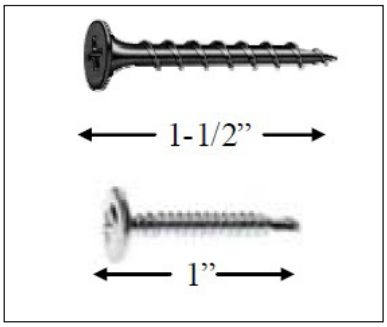
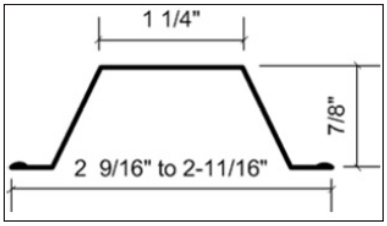
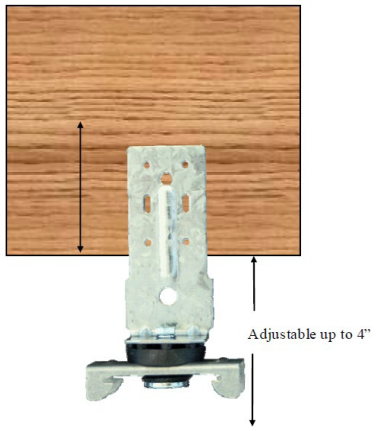
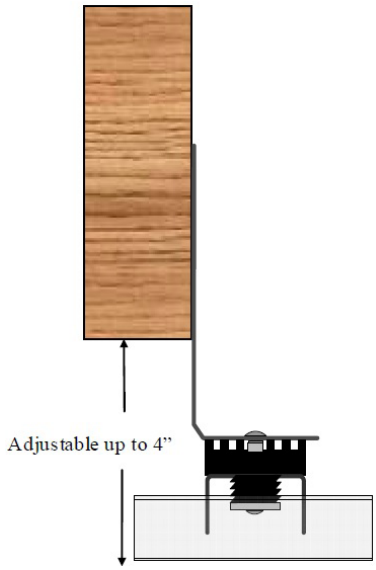
RSIC-EXT04 Series

Installation Guide









General Installation Information

Maximum Acoustical Design Load: 36 Lbs.
Maximum Spacing allowed: 48” OC

Approved Fasteners

- **RSIC-DC04 to Wood:** #8 x 1-1/2 inch minimum size coarse thread screw. (Recommended #12 or #10 x 1-1/2 inch hex head)
- **RSIC-DC04 to Steel:** # 8 x 1 inch minimum size fine thread screw. (Recommended #12 or #10 x 1-5/8 inch hex head)
- DO NOT fasten Resilient Sound Isolation Clips (RSIC-DC04) to framing members with nails. Use only approved fasteners

Average Labor Rates:

- **RSIC-1 EXT04:** 60 clips per man hour
- **For Drywall Furring Channel:** 550LF per man hour

* Labor rates provided to manufacturer by independent contracting firm

Compatible Furring Channel:

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

Ceilings Installation with One and Two Layers 5/8” Gypsum

- RSIC-1 EXT04 shall be 48” OC maximum. (Perpendicular to Joist/Truss)- See below for Recommended Layouts.
- Fasten the Clips to the side of the structural members with approved fasteners, see above.
- Ensure the metal “L” bracket is tight to the framing member.
- Ensure the location of the first row clips is within 8” of the wall at each end of a run.
- Snap in the drywall furring channel (hat track) into the Clip at right angles (perpendicular or parallel) to the framing members

Important Notes:

- Resilient Sound Isolation Clip (RSIC-EXT04) ceiling system 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.

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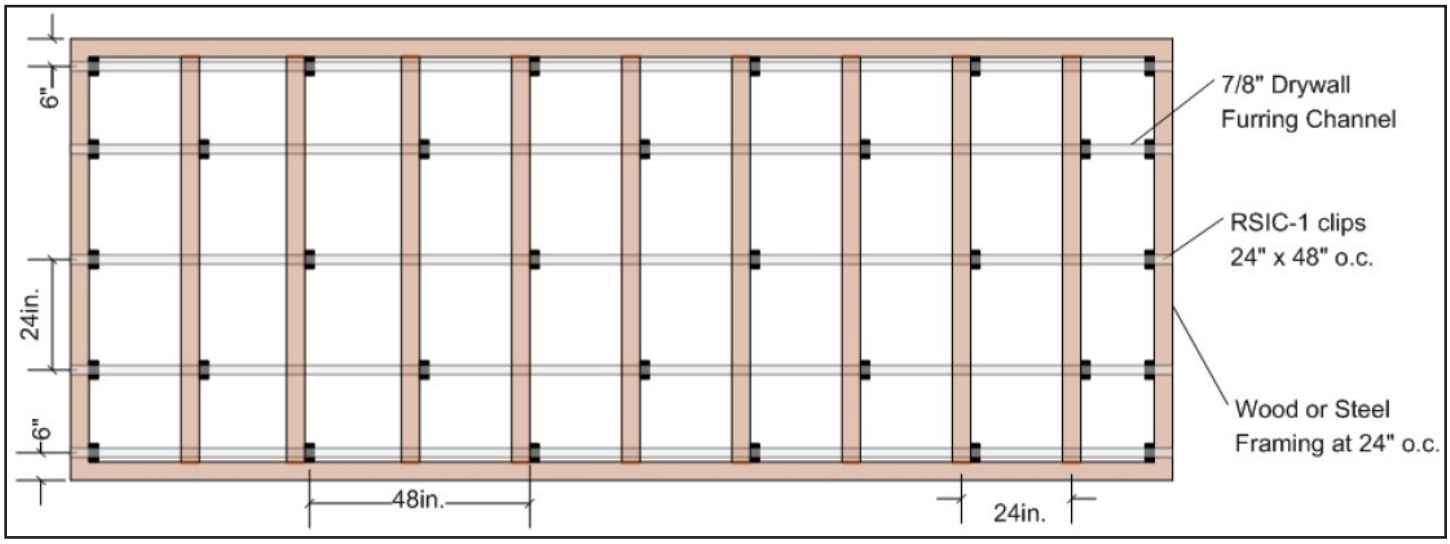
Recommended Layouts

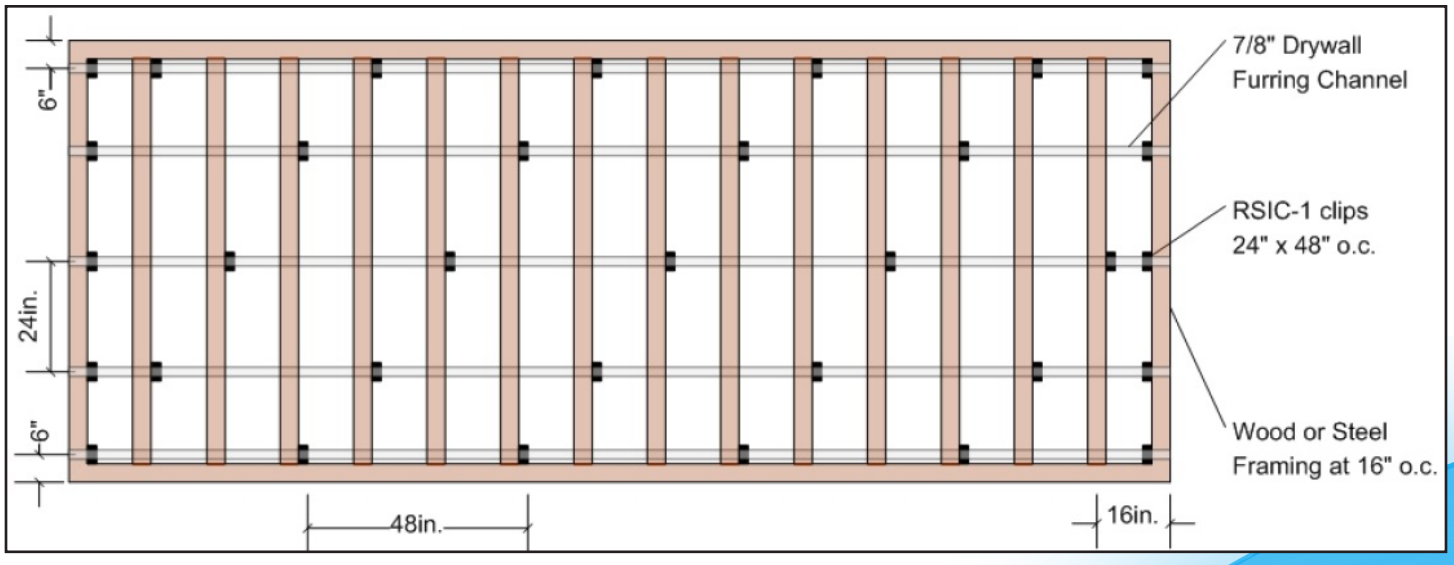
For Ceiling System Framing at 24" OC

For 1 or 2 Layers of 5/8" Gypsum Board with Clips at 24" x 48" OC:



For Ceiling System Framing at 16" OC

For 1 or 2 Layers of 5/8" Gypsum Board with Clips at 24" x 48" OC:



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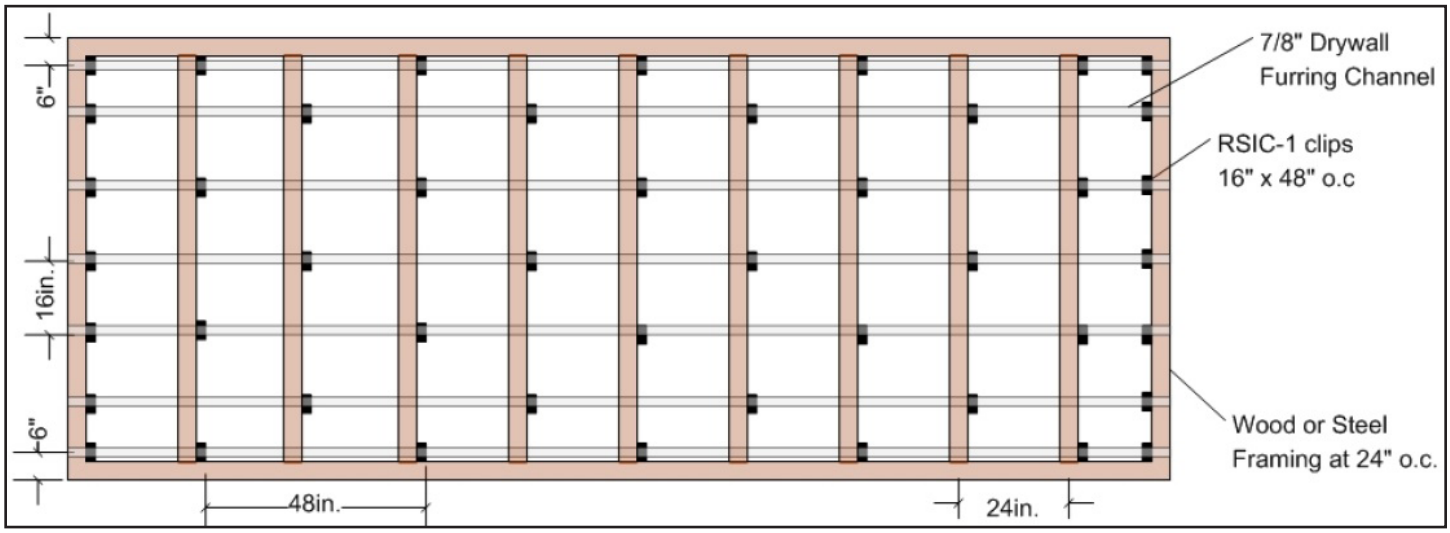
Recommended Layouts

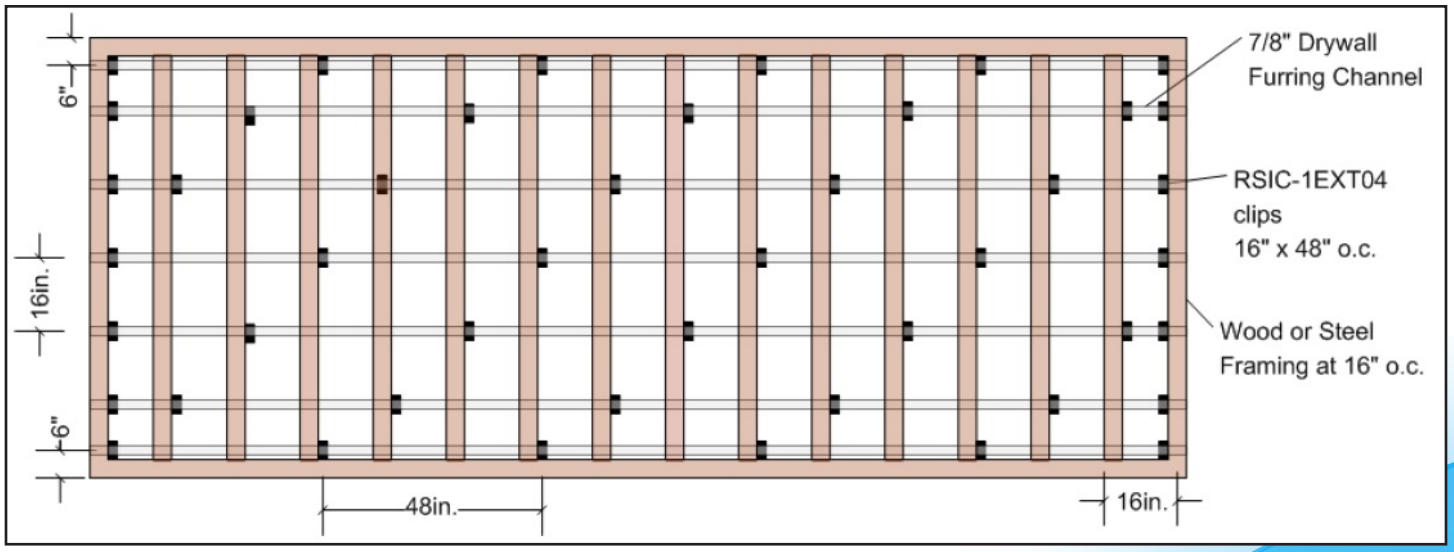
For Ceiling System Framing at 24" OC

For 3 Layers of 5/8" Gypsum Board with Clips at 16" x 48" OC:



For Ceiling System Framing at 16" OC

For 3 Layers of 5/8" Gypsum Board with Clips at 16" x 48" OC:



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