

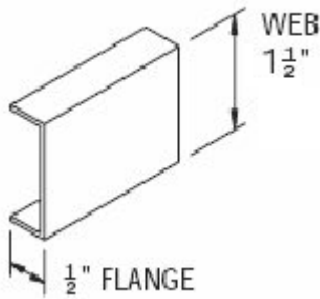
RSIC-1.5CRC INSTALLATION GUIDE

RSIC-1.5CRC SOUND ISOLATION CLIP



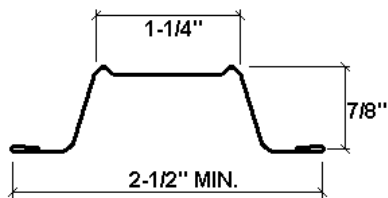
RSIC-1.5CRC

RSIC-1.5CRC SOUND ISOLATION CLIP



Cold Rolled Channel:

- **Minimum requirements:** 16 gauge 1.5" wide. Meets or exceeds SSMA min. requirements.
- **Depth:** 1/2 inch
- **Width:** 1-1/2 inch wide minimum.



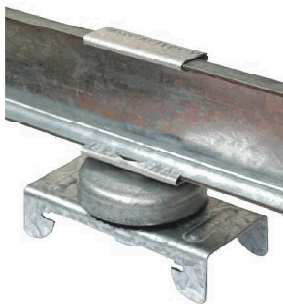
Furring Channel:

- **Minimum requirements:** 25 gauge, hemmed edge detail required on all 25 gauge furring channel. Meets or exceeds SSMA min. requirements. (25 Ga furring channel recommended)
- **Depth:** 7/8 inch
- **Width Bottom:** 2-1/2 inch wide minimum.
- **Width Top:** 1-1/4 inch wide

Splice drywall furring channel (hat track) with 6 inch overlap in mid span (between two clip) secure with 18 Ga tie wire, or two 7/16" framing screws.

Hanger Wires:

Install hanger wire at not more than 48" on center. Install the hanger wires so the hanger wires hang plumb, in a vertical plane with the 1-1/2" (38 mm) Cold Rolled Channel. To not cause lateral force on the 1-1/2" (38 mm) Cold Rolled Channel. Install 1-1/2" (38mm) Cold Rolled Channel at the elevation required using a Double saddle tie. Change the side and direction of the double saddle tie on every other wire, so as to restrict the rollover effect on the 1-1/2" (38 mm) Cold Rolled Channel.



Resilient Sound Isolation Clip (RSIC-1.5CRC)

- **Spacing:** maximum 48 inches on center
- **Maximum acoustical design load:** 36 lbs

RSIC-1.5 CRC dimensions:

- RSIC-1.5 CRC clip 3" tall
- RSIC-1.5 CRC and 7/8" Drywall Furring Channel 1-1/8" deep



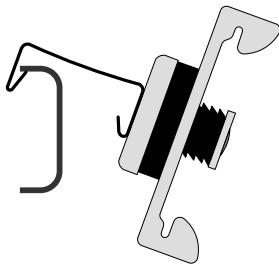
Average Labor Rates:

- **RSIC-1.5 CRC:** 110 clips per man hour
- **Drywall Furring Channel:** 550LF per man hour

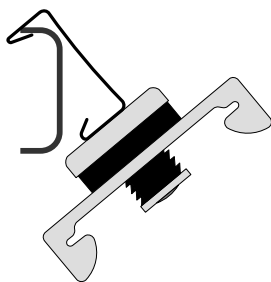
Labor rates provided to PAC International, Inc by independent contracting firm

RSIC-1.5 CRC SOUND ISOLATION CLIP

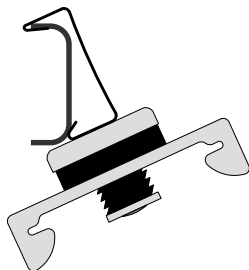
1
Set top edge over CRC channel



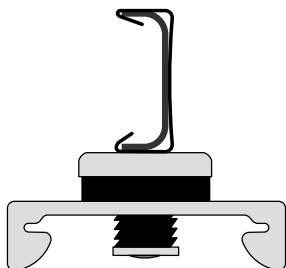
2
Rotate clip around CRC channel



3
Rotate clip under CRC channel



4
Clip snaps onto CRC channel



Ceilings: One and Two layer 5/8" gypsum

- Resilient Sound Isolation Clips (RSIC-1.5 CRC) shall be 48 inches x 24 inches on center .
- Connect the Resilient Sound Isolation Clip (RSIC-1.5 CRC) to the cold rolled channel.
- Ensure the RSIC-1.5 CRC clip is tight to the cold rolled channel.
- Locate the first row of RSIC-1.5 CRC clips within 8 inches of the wall at each end of a run
- Snap in the drywall furring channel (hat track) into the RSIC-1.5 CRC clips.
- Install the gypsum board to the drywall furring channel leaving a 1/4" min. gap around perimeter of the ceiling.
- Caulk around the perimeter of the ceiling. Use fire and smoke rated acoustical sealant where required.

General Information:

- Refer to www.UL.com for complete installation details on all fire resistive assembly designs.
- Resilient Sound Isolation Clip (RSIC-1.5 CRC), furring channel (hat track) and gypsum board shall not carry heavy loads such as cabinets or bookshelves.
- Splice furring channel (hat track) with 6 inch overlap in mid span, secure with 18 ga. tie wire or with two framing screws (7/16")
- Seal all potential air leaks with non-hardening acoustical caulking to achieve best noise control results. Use fire rated sealant where required.

RSIC-1.5 CRC SOUND ISOLATION CLIP

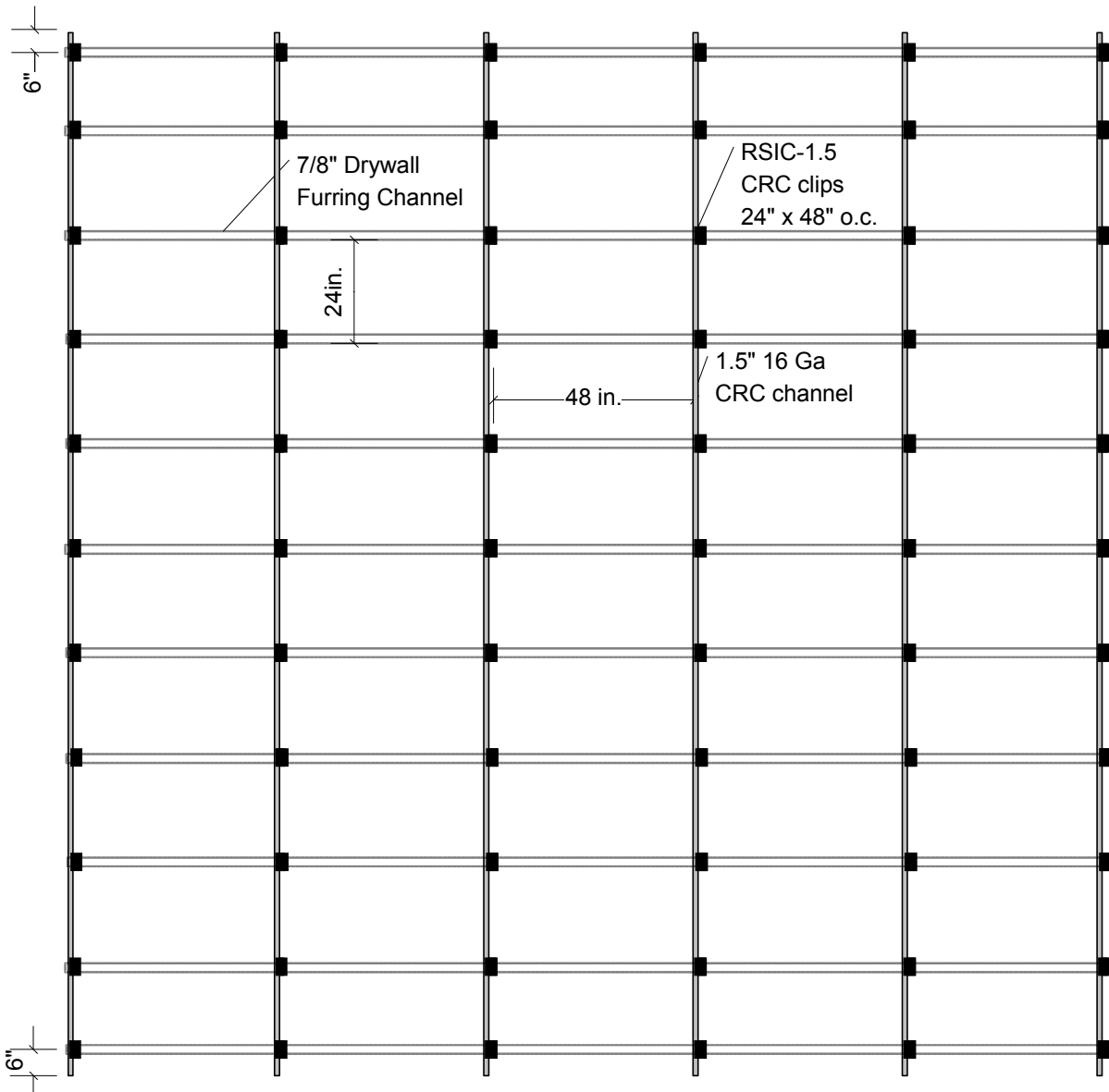
APPLICATION RECOMMENDATIONS FOR WALLS AND CEILINGS, WOOD OR STEEL FRAMING

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-1.5 CRC)

RSIC CLIPS AT 24" OC.

RSIC-1.5 CRC Ceiling System Framing at 48" o.c.

RSIC-1.5 CRC clips at 24" x 48" o.c. 1 or 2 Layers of 5/8" Gypsum Board



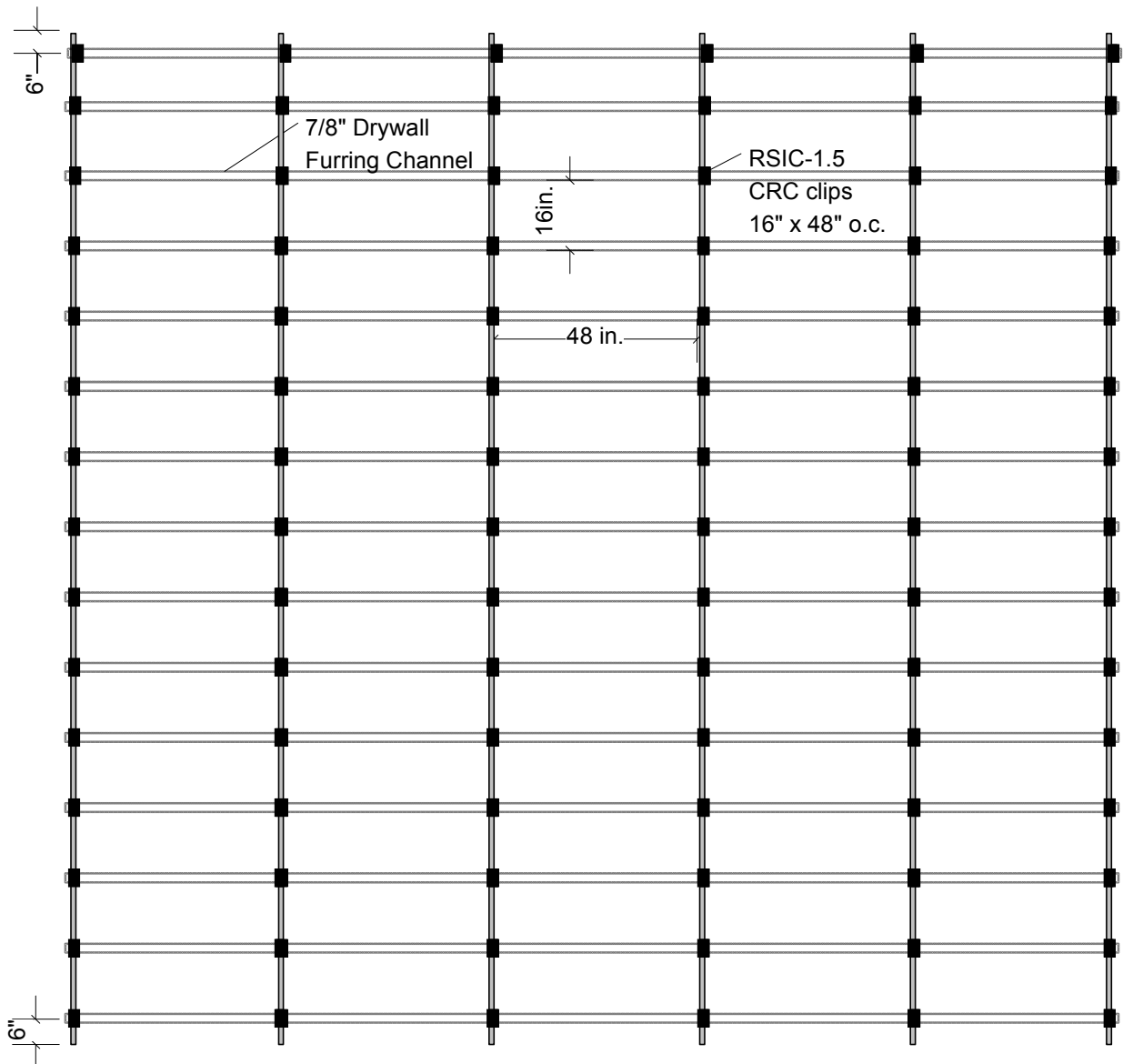
RSIC-1.5 CRC SOUND ISOLATION CLIP

APPLICATION RECOMMENDATIONS FOR WALLS AND CEILINGS, WOOD OR STEEL FRAMING

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-1.5 CRC)

RSIC CLIPS AT 16" OC.

RSIC-1.5 CRC Ceiling System Framing at 48" o.c.
RSIC-1.5 CRC clips at 16" x 48" o.c. For 2 or 3 Layers of 5/8" Gypsum Board



RSIC-1.5 CRC SOUND ISOLATION CLIP



RSIC-1.5CRC



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