

CLIP ANGLE FASTENED TO  
STUD AND CHANNEL  
AS REQUIRED

STUD

COLD-ROLLED CHANNEL  
HORIZONTAL BRIDGING  
TO BE SPACED AS REQ'D  
BY DESIGN

GENERAL NOTES:

1. 16 gauge cold-rolled channels run continuously through factory manufactured framing web holes.
2. Gypsum panels shown on both sides of cold-formed steel stud. Type and thickness of panel as required to meet job conditions.
3. Clip angle minimum 16 ga. 1-1/2" x 2" galvanized material.
4. Clip angle mechanically attached to both the cold-formed steel stud and the cold-rolled channel
5. As an alternate, welding may be used if steel is minimum 16 gauge.
6. Follow **SFIA Technical Guide for Cold-Formed Steel Framing Products** for specific depth, thickness, and spacing of structural studs.
7. Consult with specialty structural engineer for structural stud design.
8. The Detail is from the AISI Document entitled **Low-Rise Residential Construction Details**. Gypsum panels and sheathing added to illustrate system concept. Gypsum panels on both sides of a steel stud provide lateral bracing however, for structural applications it is recommended that additional bracing as shown here be included in the design. For more options in lateral bracing refer to the AISI document mentioned above.

DISCLAIMER: This detail must not be used without a complete evaluation by the owner's design professional