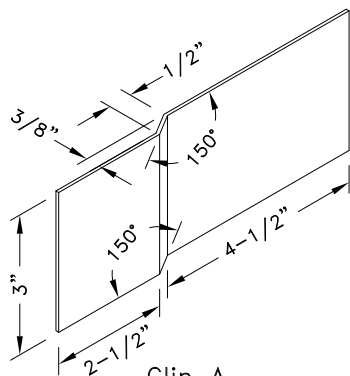


$$R_v = U = 2000\#$$

Girder web CSI from TrusSteel Analysis must be less the 0.8

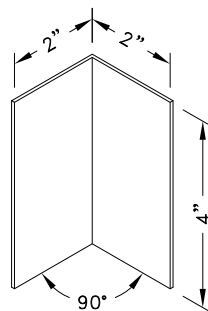
General Notes:

1. SDS = Self-Drilling Tapping Screw
2. Screw end distance and edge distance is 9/32" minimum. Screw spacing is 9/16" minimum.
3. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
4. Truss must be analyzed with concentrated loads directly in line with correctly placed girder vertical webs.
5. R_v refers to vertical reaction and U refers to uplift.
6. Cold-Formed Steel Calculations are per the 2010 addendum to the AISI 2007 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).



Clip A

14g ASTM A653 SS Grade 33 Class 1 G60
Bare metal thickness: $t = 0.0677$ "



Clip B

16g ASTM A653 SS Grade 33 Class 1 G60
Bare metal thickness: $t = 0.0538$ "



www.TrusSteel.com

Florida: 2400 Lake Orange Drive, Suite 150 / Orlando, FL 32837 / (800) 755-6001
Missouri: 13723 Riverport Drive, Suite 200 / Maryland Heights, MO 63043 / (800) 326-4102

90° 2-Ply Hip Girder Truss-To-Truss Connection

Alpine, a division of ITW Building Components Group, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine, a division of ITW Building Components Group, Inc.

Custom Detail:

CD151103

Date:

11/05/15

Custom Detail Category:

Truss-To-Truss Connection