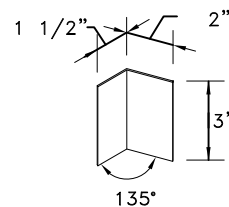


$$R_v = R_{v1} + R_{v2}$$

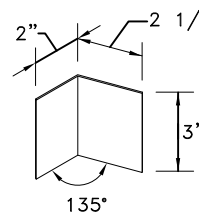
$$U = U_1 + U_2$$

$$R_v = U = 1500 \text{ lbs}$$



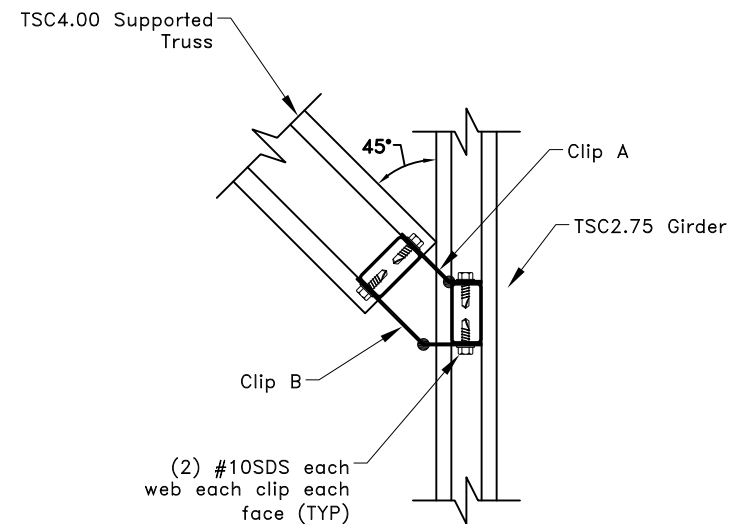
Clip A

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



Clip B

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



Plan View

General Notes:

1. SDS = Self-Drilling Tapping Screw
2. All edge distances, end distances and spacing are 9/16" minimum.
3. Two clips must be used for one clip pair. Two clip pairs are required for connection as shown. Supported truss must be analyzed with clip type bearings.
4. For clips connecting to a Z-Web vertical refer to TS068 for connection area.
5. R_v refers to vertical reaction, and U refers to uplift.
6. ● = Clip Bend; Bend clip only once.
7. Cold-Formed Steel Calculations are per the 2010 addendum to the AISI 2007 "North American Specification for the design of Cold-Formed Steel Structural Members" (S100-07/S2-10).



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45° Truss to Truss Connection

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 ITW Building Components Group, Inc.

Custom Detail:

TS-CD-TT-4503-002

Date:

01/04/11

Custom Detail Category:

Truss-to-Truss Connection