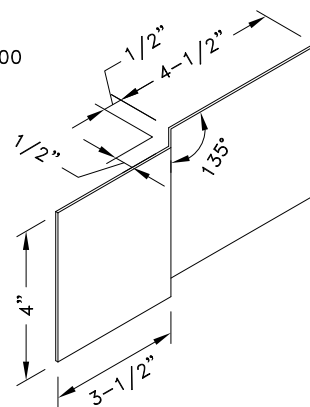
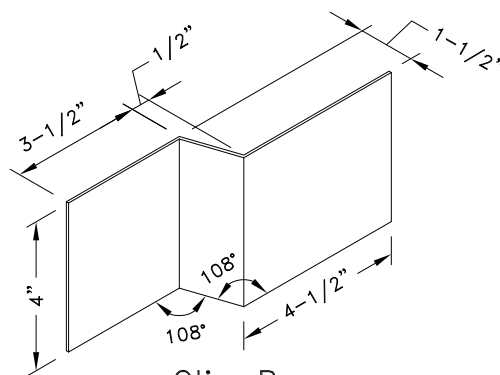


$$R_v = U = 6800\#$$



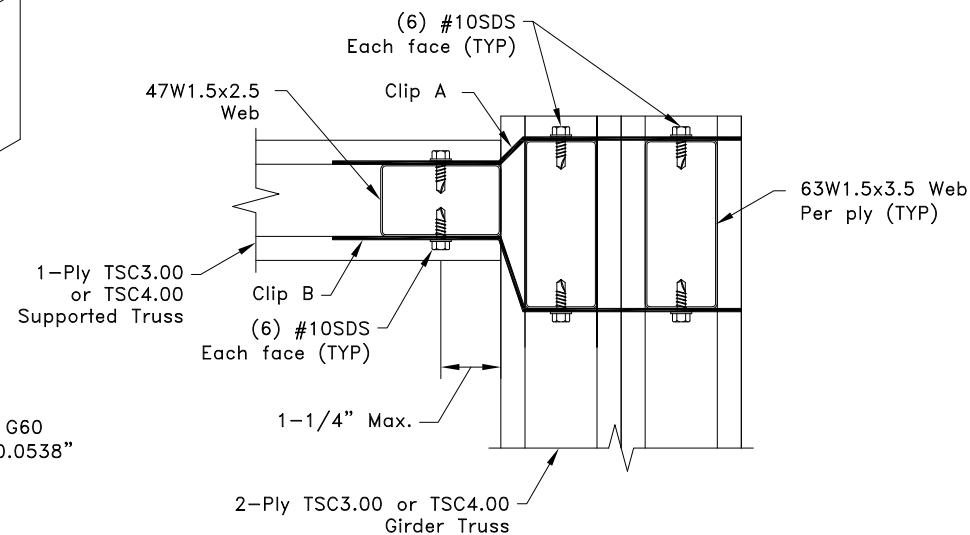
**Clip A**

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



**Clip B**

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



**Plan View**

**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).

**TrusSteel®**

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**90° 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:**

CD140905

**Date:**

09/12/14

**Custom Detail Category:**

Truss-To-Truss Connection