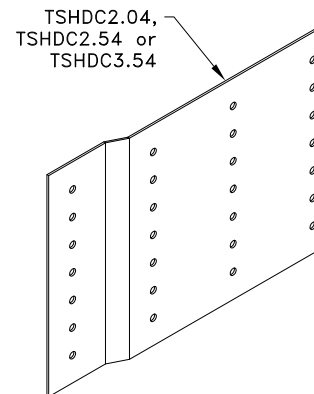
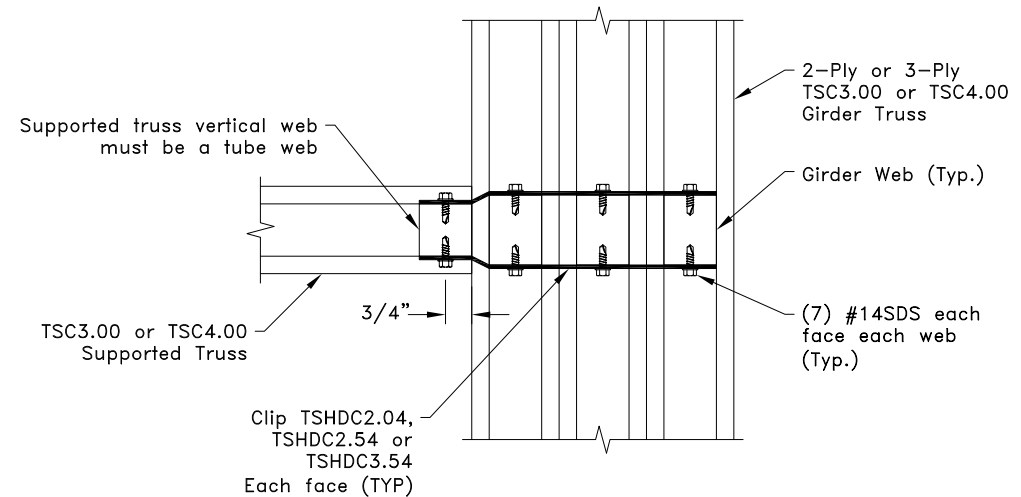
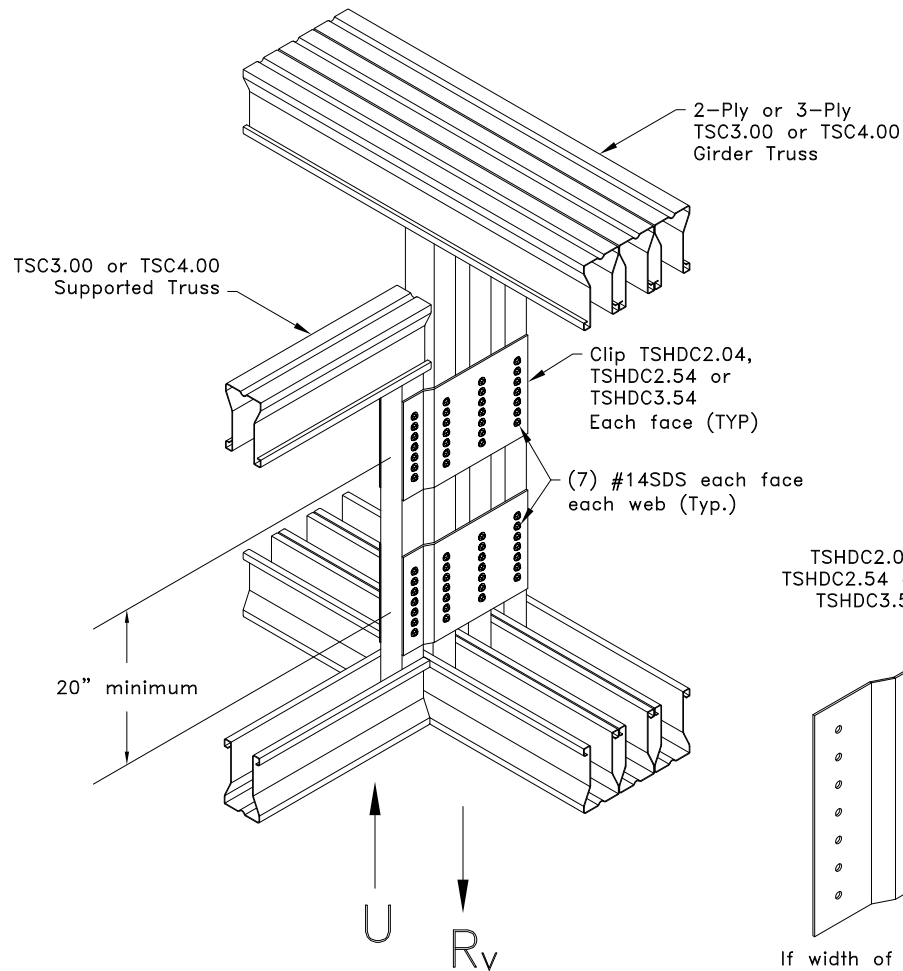


$$R_v = U = 6400 \text{ lbs}$$



If width of girder vertical web is:  
 2" use clip TSHDC2.04  
 2-1/2" use clip TSHDC2.54  
 3-1/2" use clip TSHDC3.54

#### General Notes:

1. SDS = Self-Drilling Tapping Screw
2. Screw end distance and edge distance is 3/8" minimum. Screw spacing is 3/4" minimum.
3. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
4. The supported truss must be designed utilizing a clip bearing type.
5.  $R_v$  refers to vertical load,  $U$  refers to uplift.
6. Cold-Formed Steel Calculations are per the 2010 supplement 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 for 2-Ply or 3-Ply Girder

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:

CD140101

#### Date:

01/10/14

#### Custom Detail Category:

Truss-To-Truss Connection