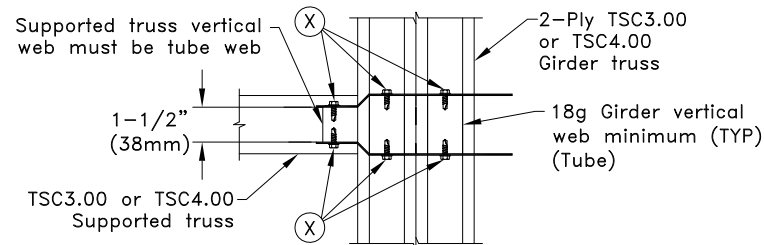
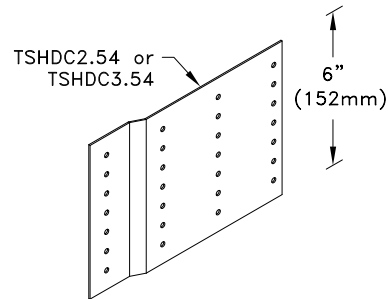


3D View of TSHDC Clip Conn.

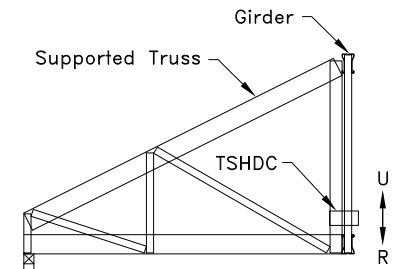


Section B-B

If width of girder vertical web is:
 2-1/2" (64mm) use clip TSHDC2.54
 3-1/2" (90mm) use clip TSHDC3.54

Allowable Reaction and Uplift lbs (kN)	
X ^A	H = 15 in. (381mm) minimum R = U lbs (kN)
7	2500 (11.12)

A. The quantity "X" refers to the number of #14SDS (Self-Drilling Tapping Screws) that are required on each side of each clip into the web member.



Typical Supported Truss to Girder Connection

General Notes:

1. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
2. Screw end distance and edge distance is 3/8" minimum. Screw spacing is 3/4" minimum.
3. The supported truss must be designed utilizing a clip bearing type.
4. R = Allowable Reaction and U = Allowable Uplift, at each clip location.
5. 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).

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TSC3.00 or TSC4.00 Truss-To-Truss Connection (2 Ply Girder) Tube Webs

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:

CD140202

Date:

02/04/14

Custom Detail Category:

Truss-To-Truss Connections