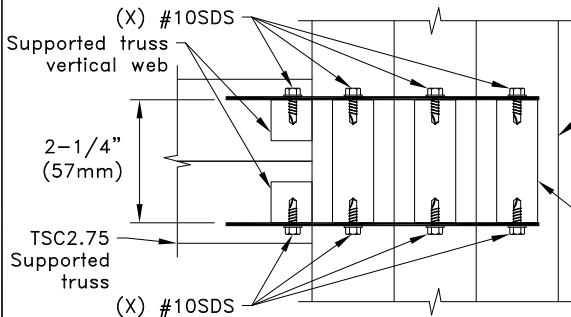
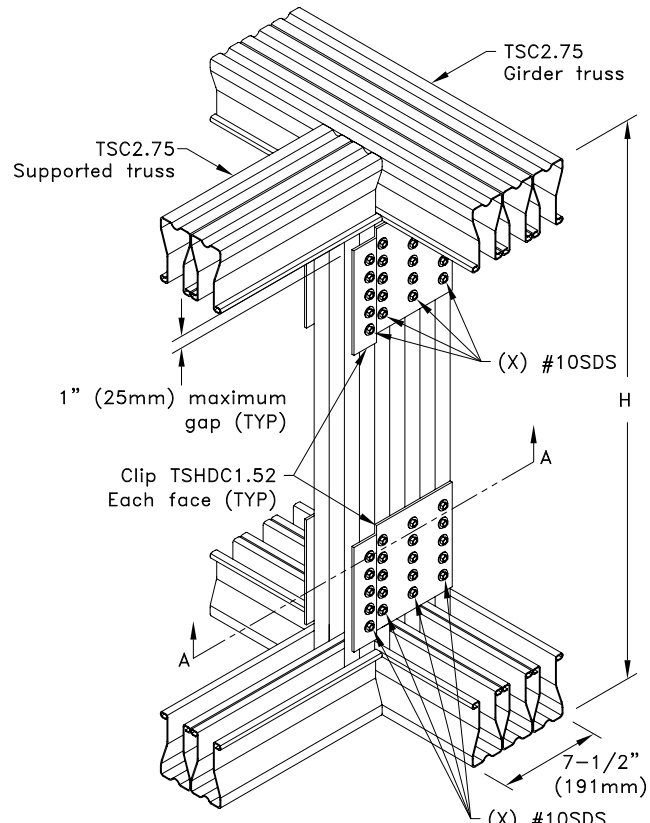


3D View of Clip A Conn.

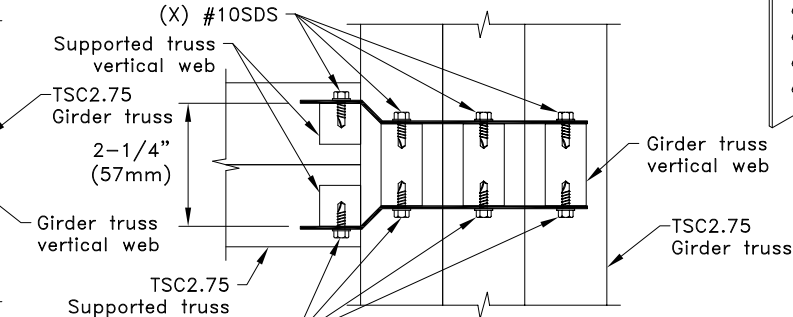


Section A-A

If width of girder vertical web is:
2-1/4" (57mm) use clip A
by others.

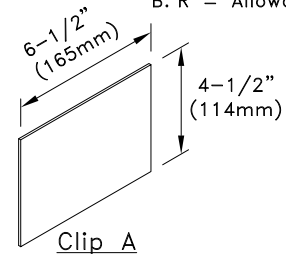


3D View of TSHDC Clip Conn.



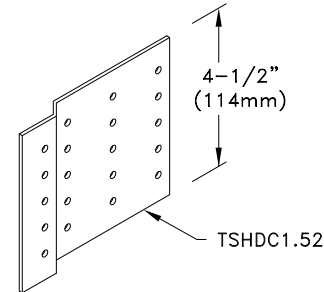
Section B-B

If width of girder vertical web is:
1-1/2" (38mm) use clip TSHDC1.52

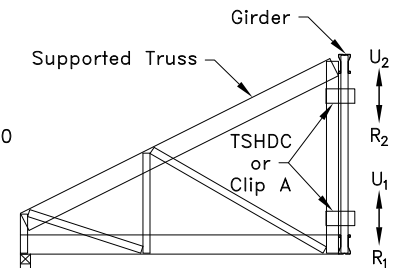


Clip A

16g ASTM A653 SS Grade 33 G60
Minimum bare metal thickness:
 $t = 0.0538"$ (1.37mm)
(Supplied by others)



TSHDC1.52



Typical Supported Truss to Girder Connection

$$R = R_1 + R_2$$

$$U = U_1 + U_2$$

Allowable Reaction and Uplift lbs (kN)	
X ^A	H = 24 in. (610mm) minimum
	R = U lbs (kN) ^B
4	3300 (14.68)
5	3500 (15.57)

A. The quantity "X" refers to the number of #10SDS (Self-Drilling Tapping Screws) that are required on each side of each clip into the web member.
B. R = Allowable Reaction, U = Allowable Uplift

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 spacing, edge distance and end distance is 9/16" (14mm) minimum.
3. The supported truss must be designed utilizing a clip bearing type.
4. Cold-Formed Steel Calculations are per the AISI 2016 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-16).



www.TrusSteel.com

Florida: 6750 Forum Drive, Suite 305 / Orlando, FL 32821 / (800) 755-6001
Missouri: 13723 Riverport Drive, Suite 200 / Maryland Heights, MO 63043 / (800) 326-4102

Heavy 2-Ply TSC2.75 Truss-To-Truss Connection (3 Ply Girder) Tube Webs

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.

Standard Detail:

TS061B

Date:

10/11/18

TrusSteel Detail Category:

Truss-To-Truss Connections