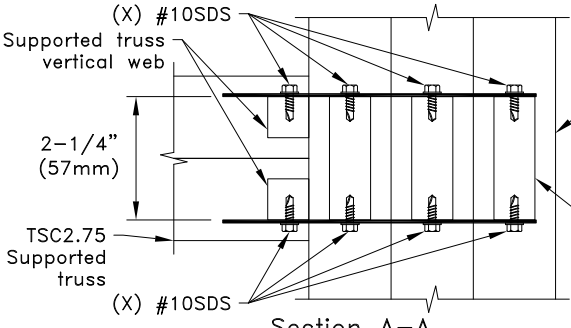
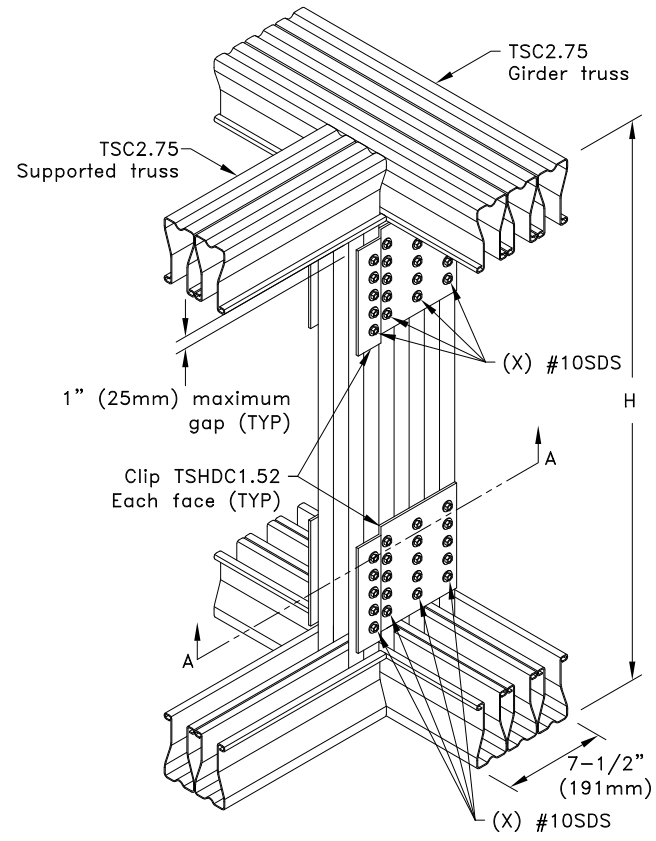


3D View of Clip A Conn.

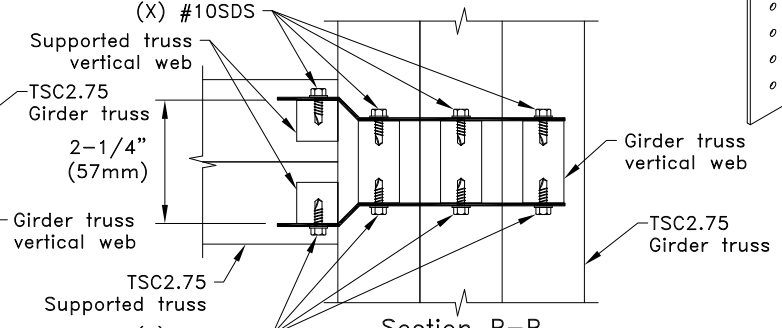


Section A-A

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



3D View of TSHDC Clip Conn.

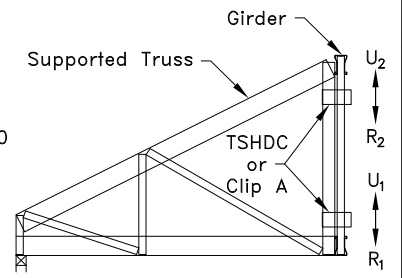
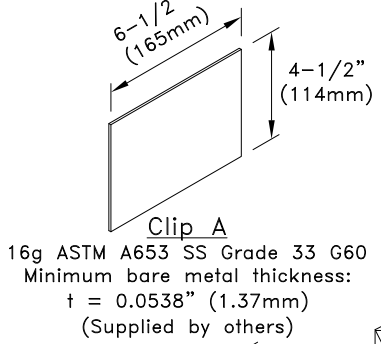


Section B-B

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

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



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 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 2020 supplement to AISI 2016 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-16/S2-20).

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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:
06/01/22

TrusSteel Detail Category:
Truss-To-Truss Connections