**Heavy 2-Ply TSC2.75 Truss-To-Girder Connection (1 Ply Girder) Tube Webs**

**Section A-A**
- If width of girder vertical web is: 2-1/4" (57mm) use clip A by others.
- (X) #10SDS Supported truss
- TSC2.75 Girder truss
- TSC2.75 vertical web

**Section B-B**
- If width of girder vertical web is: 1-1/2" (38mm) use clip TSHDC1.52
- (X) #10SDS Supported truss
- TSC2.75 Girder truss
- TSC2.75 vertical web

**3D View of Clip A Conn.**
- Clip A at each face by others (TYP)
- (X) #10SDS

**3D View of TSHDC Clip Conn.**
- Clip TSHDC1.52 Each face (TYP)
- (X) #10SDS

**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).

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**Allowable Reaction and Uplift lbs (kN)**

<table>
<thead>
<tr>
<th>X</th>
<th>H = 24 in. (610mm) minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>3300 (14.68)</td>
</tr>
<tr>
<td>5</td>
<td>3500 (15.57)</td>
</tr>
</tbody>
</table>

A. The quantity "X" refers to the number of #10SDS (Self-Drilling Tappping 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**

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