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

<table>
<thead>
<tr>
<th>X^2</th>
<th>H = 24 In. (610mm) minimum</th>
<th>R = U lbs (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>3000 (13.34)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>4000 (17.79)</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>4700 (20.91)</td>
<td></td>
</tr>
</tbody>
</table>

A. The quantity "X" refers to the number of #10SDD (Self-Drilling Tapping Screws) that are required on each side of each clip into the web member.

B. R = Allowable Reaction, U = Allowable Uplift

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**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. If supported truss web is a Z-Web, refer to TS062C for connection.

5. 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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**Heavy 2-Ply TSC3.00 or TSC4.00 Truss-To-Truss Connection**

**2 Ply Girder (Tube Webs)**

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**Alpine TrusSteel**

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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.