

Maximum Loads Not In Combination

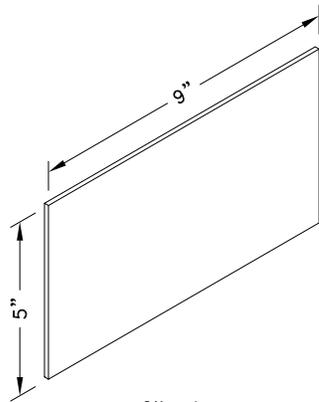
$$U = 10,560\#$$

$$P1 = 10,560\#$$

Maximum Loads In Combination

$$U = 1,500\#$$

$$P1 = 9,990\#$$



12g ASTM A653 SS Grade 33 Class 1 G60
Bare metal thickness: $t = 0.0966$ "

General Notes:

1. SDS = Self-Drilling Tapping Screw
2. Screw end distance and edge distance is $3/8$ " minimum. Screw spacing is $3/4$ " minimum.
3. Attachment of second clip on opposite face of chord is identical to what is detailed.
4. Truss may be one ply or two ply.
5. P1 refers to in-plane lateral load, and U refers to uplift.
6. Refer to TrusSteel Technical Bulletin 98.10.05 titled "Repair of Galvanized Surfaces" to restore corrosion resistant properties of the connection after welding.
7. Cold-Formed Steel calculations are per the 2010 supplement to the AISI 2007 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).

TrusSteel[®]

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**TrusSteel Truss to 6"
Cold-Formed Steel Top Plate**

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:

CD140203

Date:

02/06/14

Custom Detail Category:

Truss-to-Bearing: Cold-Formed Steel