

$R_v = R_{v1} + R_{v2}$ $U = U_1 + U_2$
$R_v = U = 3000 \text{ lbs}$ $R_h = 5000 \text{ lbs}$

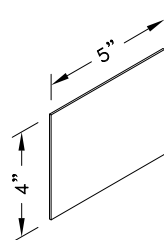


Plate A
10g ASTM A653 SS Grade 33 G60
Bare metal thickness = 0.13"

General Notes:

1. SDS = Self-Drilling Tapping Screw.
2. Screw edge and end distances are 9/32", screw spacing is 9/16".
3. The welds shall be qualified in accordance with Chapter 4 of the Structural Welding Code-Sheet Steel (AWS.1.3).
4. Refer to TrusSteel Technical Bulletin 98.10.05 titled "Repair of Galvanized Surfaces" to restore corrosion resistant properties of the connection after welding.
5. R_v refers to vertical reaction, R_h refers to horizontal and U refers to uplift.
6. Cold-formed steel calculations are per the 2010 addendum to the 2007 AISI "North American Specification for the Design of Cold-Formed Steel Structural members." (S100-07/S2-10).



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45° Truss To Masonry Support Connection with Embed Plate

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.

Custom Detail:

CD150815

Date:

08/20/15

Custom Detail Category:

Truss-to-Support Connection