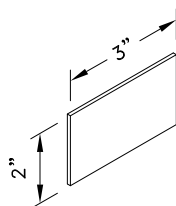


$$U = 0\#$$

$$R_L = 1600\#$$



Clip A

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

General Notes:

1. SDS = Self-Drilling Tapping Screw
2. #10SDS screw end distance and edge distance is $9/32$ " minimum.
#10SDS screw spacing is $9/16$ " minimum.
3. #14AMD fastener end distance and edge distance is $3/8$ " minimum.
#14AMD fastener spacing is $3/4$ " minimum.
4. It is the responsibility of the building designer to verify that the structural support members are designed for all applicable loads including (but not limited to) the loads given on this detail.
5. Weld values are based on E70XX electrode.
6. Refer to TrusSteel Technical Bulletin 98.10.05 titled "Repair to Galvanized Surfaces" to restore corrosion resistant properties of the connection after welding.
7. U refers to uplift and R_L refers to horizontal reaction.
8. Cold-Formed Steel Calculations are per the 2010 addendum to the AISI 2007 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).



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Truss To Concrete and Structural Steel Bearing

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:

SD160803

Date:

08/23/16

Custom Detail Category:

Truss-To-Bearing Connection