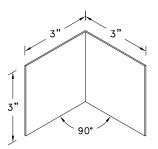


$$R_1 = U_1 = 800 \text{ lbs.}$$

 $R_2 = U_2 = 800 \text{ lbs.}$



<u>Clip A</u> 16g ASTM A653 SS Grade 33 G60 Bare metal thickness = t = 0.0538"

Clip A may be trimmed flush to match roof profile

General Notes:

- 1. The top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins, designed by others.
- 2. SDS = Self-Drilling Tapping Screw.
- 3. #14AMDB3.5 Minimum fastener spacing is 3/4" and minimum end distance is 1/4".
- 4. #10SDS edge distances, end distances, and spacing are $\frac{9}{16}$ " minimum.
- 5. R_1 and R_2 refer to allowable reaction at each clip pair location, U_1 and U_2 refer to allowable uplift at each clip pair location.
- 6. H = Heel height of supported truss.
- 7. Cold-Formed Steel Calculations are per the 2010 addendum to the AISI 2007 "North American Specification for the design of Cold—Formed Steel Structural Members." (S100-07/S2-10)



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90° Truss-to-Truss Connection to 3-Ply Girder (Connection at chords)

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:

TS-CD-TT-904-001 Date:

08/04/11

Custom Detail:

Rafter and Blocking