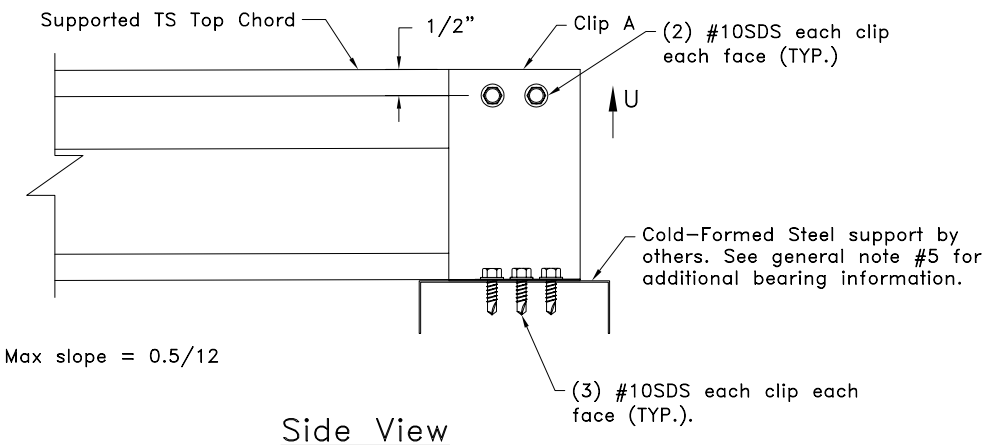
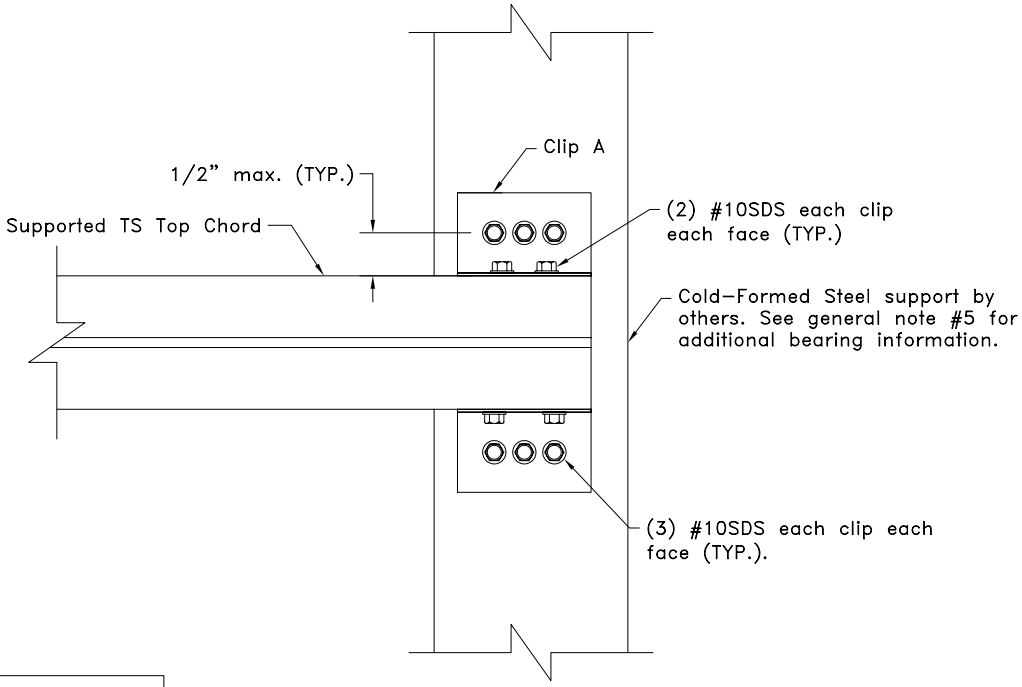
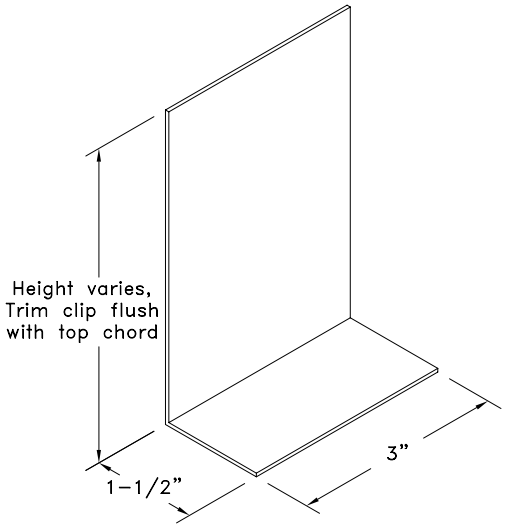


Side View

Webs not shown for clarity



Plan View



Clip A

16g ASTM A653 SS Grade 33 G60
Bare metal Thickness: t = 0.0538"

U = 500 lbs

General Notes:

1. SDS = Self-Drilling Tapping screw
2. #10SDS end distances, edge distances and spacing 9/16" minimum.
3. This connection is designed for uplift reactions only.
4. Clips must be positioned so that they are centered on the support.
5. Cold-Formed steel support must be made of at least 20g (minimum bare metal thickness, t = 0.0329") ASTM A653 grade 33 steel. Support must be designed to support the uplift loads applied to it.
6. 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.
7. Cold-formed steel calculations are per the 2004 addendum to the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.

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Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
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Uplift Connection for Top Chord Bearing TrusSteel Trusses

Custom Detail:
TS-CD-TCB2-007

Date:
08/19/09

Custom Detail:
Truss-To-Bearing: Cold-Formed Steel