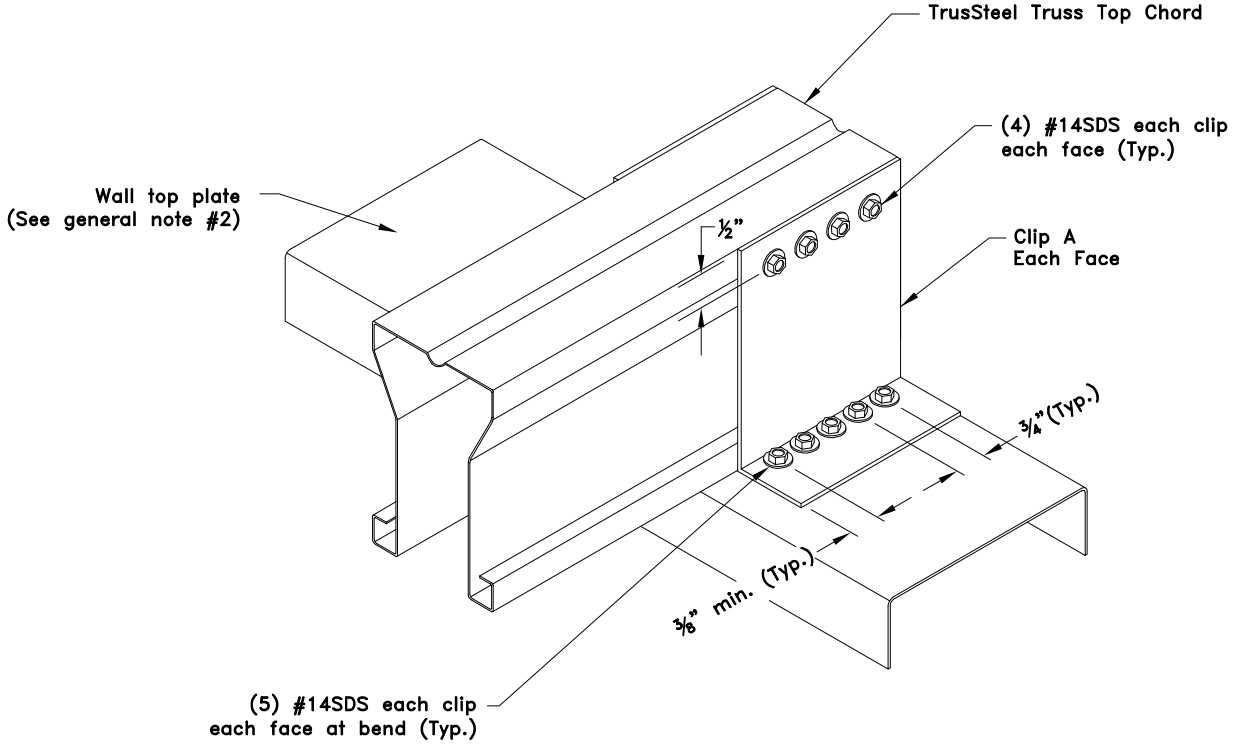
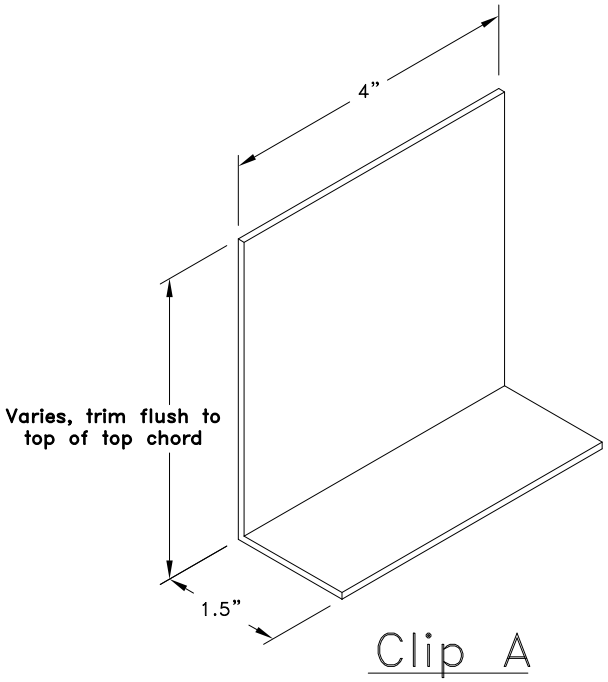
Maximum Uplift Capacity (Clip on Each Face)
U = 1370 lbs





Clip A

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

General Notes:

1. SDS = self-drilling tapping screw
2. Wall top plate shall be manufactured from Cold-Formed Steel (CFS) with minimum tensile strength of 45 KSI (310 MPa) and maximum width of 4". Bare metal thickness, t = 0.0428 min.
3. Attachment of second clip on opposite face of chord is identical to what is detailed.
4. #14SDS end distance is ¾", edge distance is ⅜", and spacing is ¾", unless otherwise noted.
5. Refer to TrusSteel standard detail TS020 for additional requirements.
6. The wall top plate is to be designed by the job engineer. The wall top plate must be designed to support the loads applied to it (downward, upward and lateral).
7. Cold-Formed Steel Calculations are per the 2004 addendum to the "AISI 2001 North American Specification for the Design of Cold-Formed Steel Structural Members."

TrusSteel® An ITW Company

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Top Chord Bearing Uplift Connection for Cold - Formed Steel Top Plate

Standard Detail:
TS-CD-TCB2-008

Date:
10/15/09

TrusSteel Detail Category:
Uplift Connection