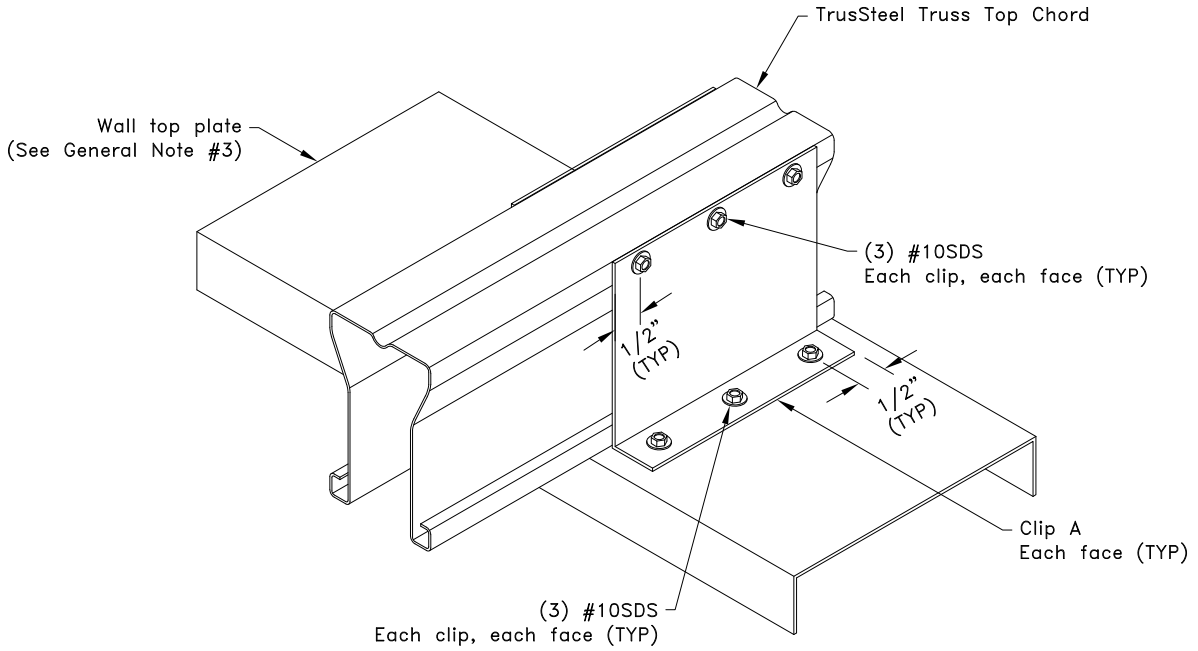
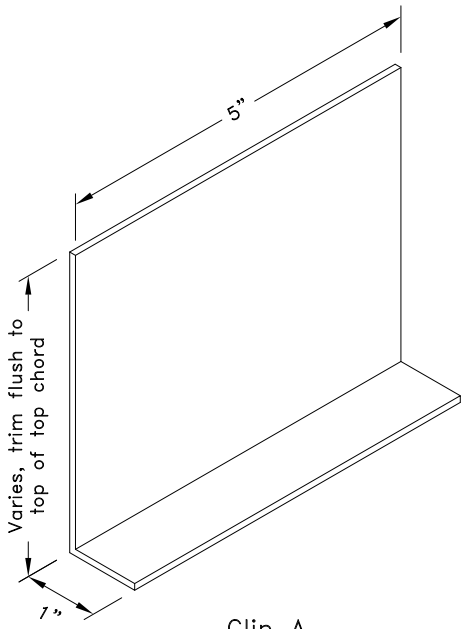
Maximum Uplift Capacity (Clip on Each Face)
U = 1200 lbs





Clip A
16g ASTM A653 Grade 33 G60
Bare metal thickness: t = 0.0538"

General Notes:

1. SDS = Self-Drilling Tapping Screw
2. Screw end distance and edge distance is 9/32" minimum. Screw spacing is 9/16" minimum.
3. Wall top plate shall be manufactured from Cold-Formed Steel (CFS) with minimum tensile strength of 65 KSI and maximum width of 6". Bare metal thickness, t = 0.0677" min.
4. Attachment of second clip on opposite face of chord is identical to what is detailed.
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 2010 addendum to the AISI 2007 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).

ALPINE TrusSteel™

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

Custom Detail: CD150103

Date: 01/09/15

Custom Detail Category: Uplift Connection