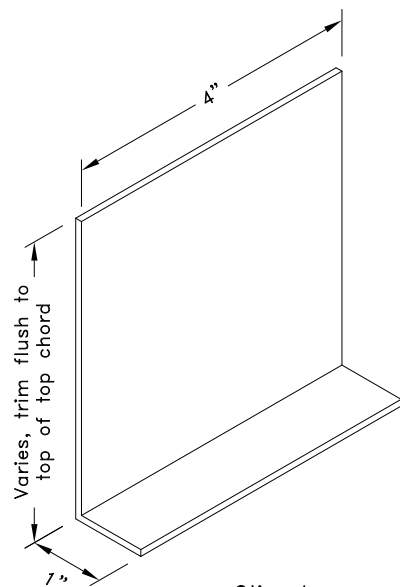
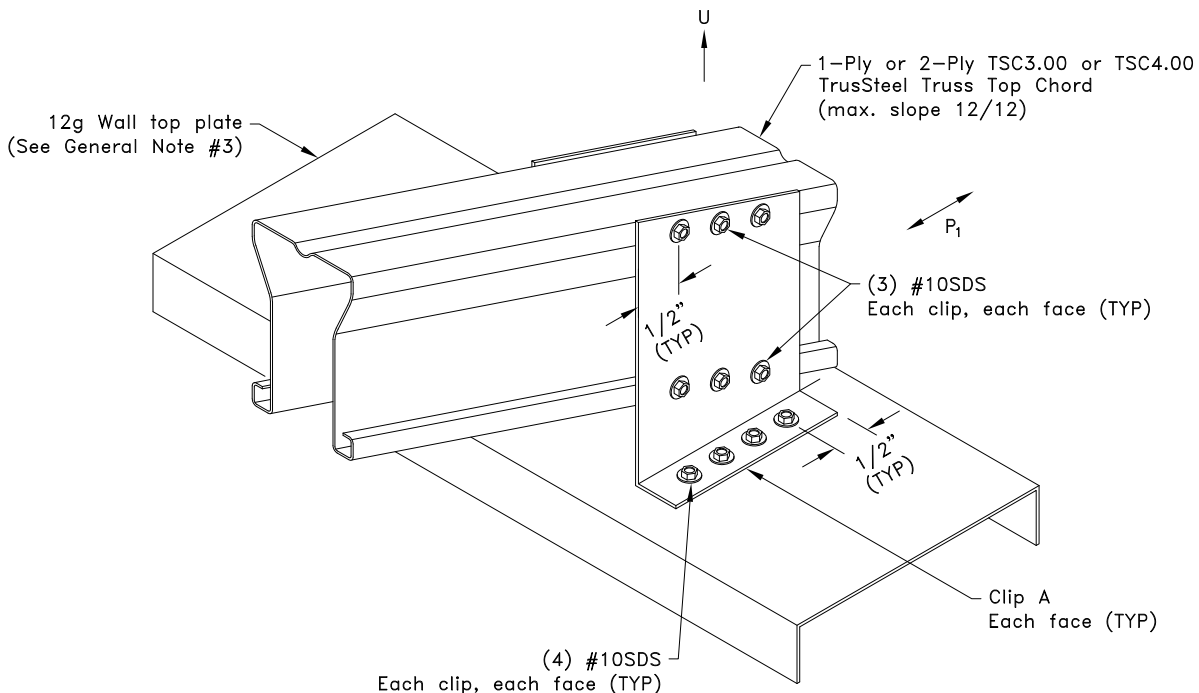


Maximum Loads in Combination
(Clip on Each Face)

U = 200 lbs
P₁ = 400 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 45 KSI and maximum width of 6". Bare metal thickness, $t = 0.0966"$ 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. U refers to uplift and P₁ refers to lateral 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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Sloping Top Chord Bearing Connection for Cold-Formed Steel Top Plate

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:

CD151201

Date:

12/02/15

Custom Detail Category:

Top Chord Bearing Connection