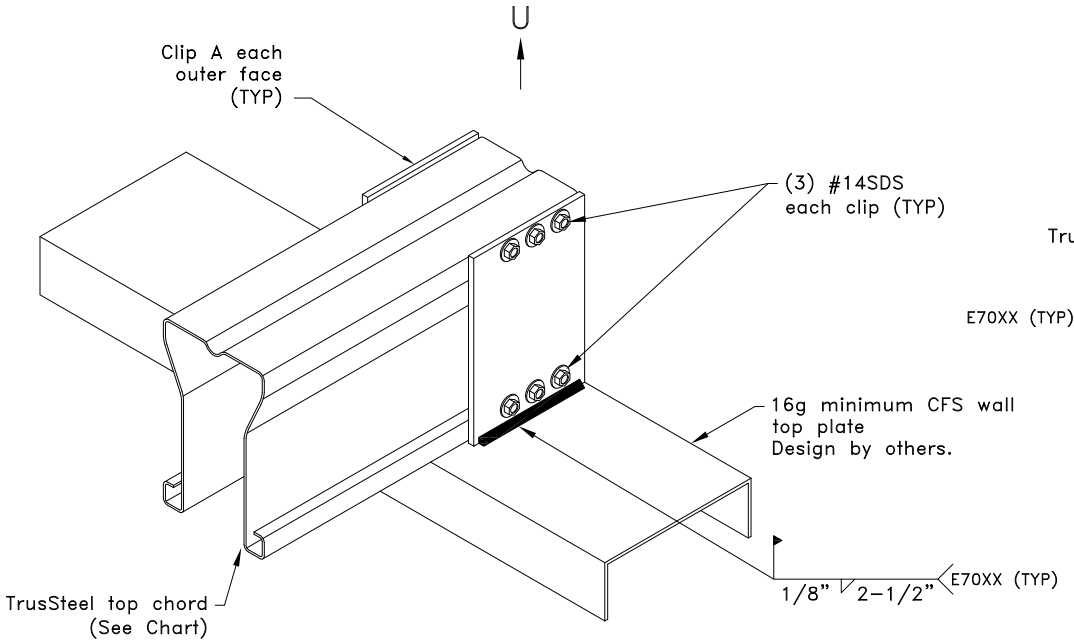
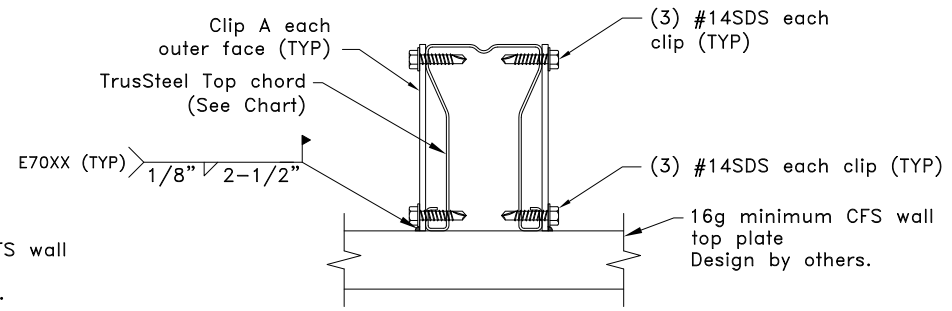
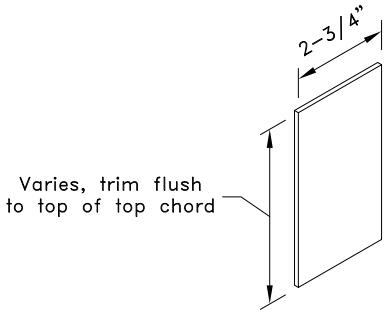




Allowable Loads lbs	
Chord	Uplift
97TSC4.00	4300



Clip A

10g ASTM A653 SS Grade 33 Class 1 G60
Bare metal thickness: t = 0.13"

General Notes:

1. SDS = Self-Drilling Tapping Screw
2. Screw end distance and edge distance is 3/8" minimum. Screw spacing is 3/4" minimum.
3. Attachment of second clip on opposite face of chord is identical to what is detailed.
4. Wall top plate shall be manufactured from cold-formed steel (CFS) with minimum tensile strength of 45 KSI for grade 33 or 65 ksi for grade 50 and maximum width of 6".
5. Connection of top plate to wall stud must be capable of transferring truss uplift load from wall top plate to wall stud.
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. Refer to TrusSteel Standard Detail TS020 for additional requirements.
8. Truss may be one ply or two ply.
9. U refers to uplift.
10. Refer to TrusSteel Technical Bulletin 98.10.05 titled "Repair of Galvanized Surfaces" to restore corrosion resistant properties of the connection after welding.
11. Cold-Formed Steel calculations are per the 2010 supplement to the AISI 2007 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).

ALPINE TrusSteel™

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TrusSteel Truss to CFS Top Plate

Custom Detail: CD160305

Date: 03/29/16

Custom Detail Category: Truss-to-Bearing Connection