

Maximum Uniform Framing Load (PLF)		
Framing Chord Type <sup>E</sup>	PLF (Pounds Per Linear Foot)	Clip Height (H)
54TSC3.00	72	3"
28TSC4.00	62	4"
33TSC4.00	84	4"
43TSC4.00	120	4"
54TSC4.00	151	4"
68TSC4.00	178	4"
97TSC4.00	246	4"

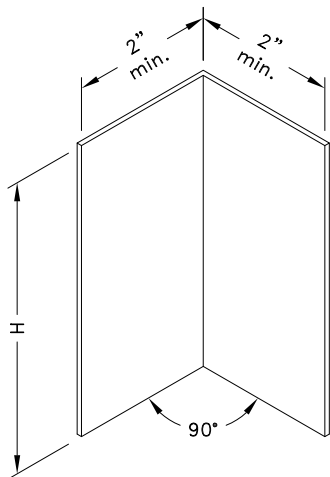
A. Framing meets deflection limits  $L/360$  LL and  $L/240$  TL. LL not to exceed 85% of TL.

B. Maximum framing span is 8'-0"

C. PLF load divided by framing on center spacing equals maximum uniform load in PSF (Pounds Per Square Foot).

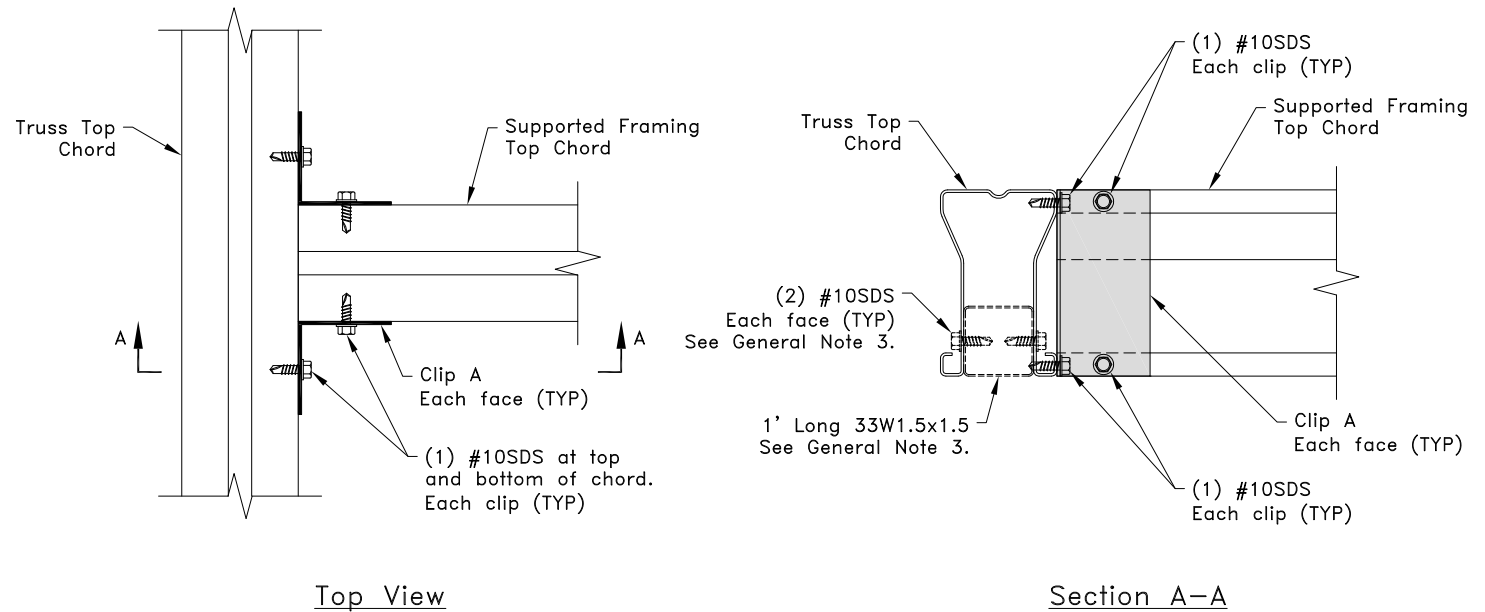
D. Maximum truss slope is 6/12.

E. Truss top chord must be equal or thicker than framing chord thickness.



Clip A

16g ASTM A653 SS Grade 50 G90  
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. If framing is located greater than 1' from a panel point and the framing load is greater than 125 PLF, add a 1' long 33W1.5x1.5 tube centered on the framing. Secure with #10SDS screws, 3" from each end, each face.
4. Truss must be designed to support framing loads.
5. Cold-Formed Steel Calculations are per the AISI 2016 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-16).



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## Truss Framing Top Chord To Truss Top Chord Connection

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:

CD210103

#### Date:

01/13/21

#### Custom Detail Category:

Truss-To-Truss Connection