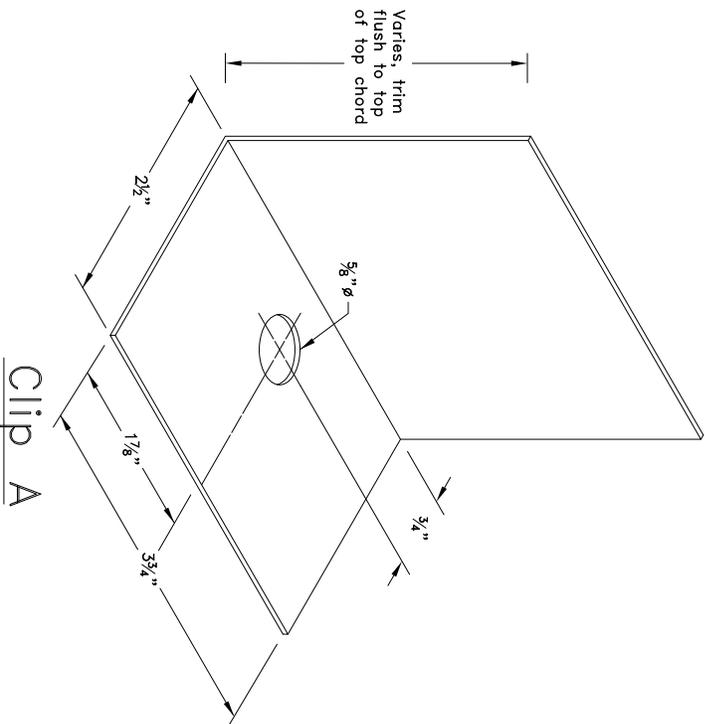
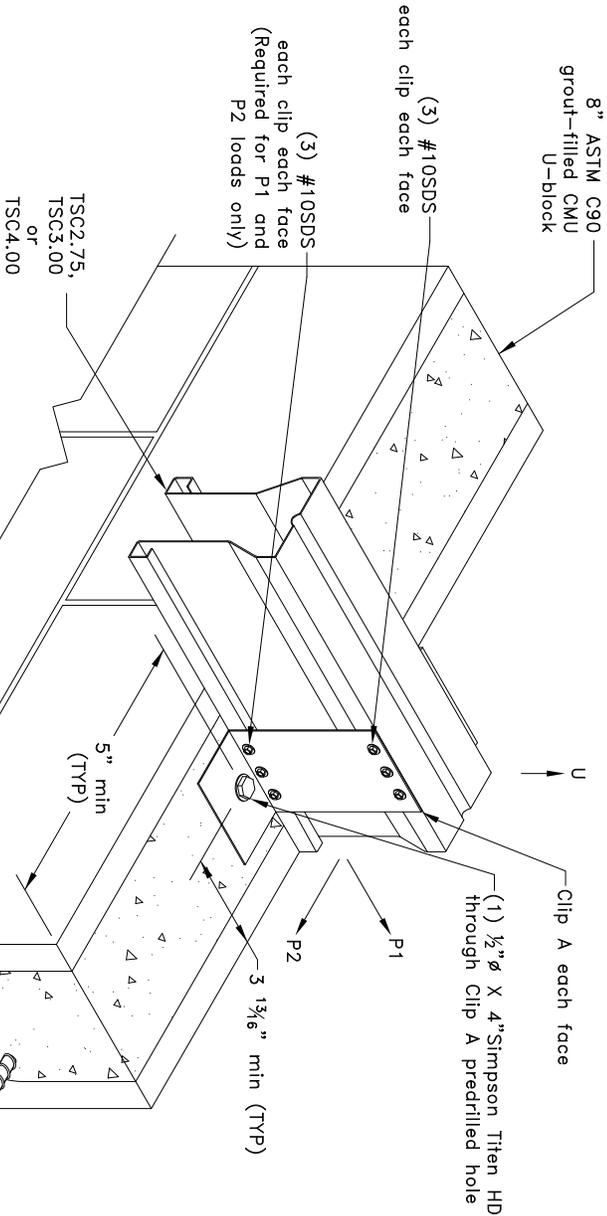


Maximum Loads Not in Combination (Clips Each Face)				
Chord Size	f' <sub>c</sub> of grout (MPa)	U lbs (kN)	P1 lbs (kN)	P2 lbs (kN)
TSC2.75	2000 (13.79)	570 (2.54)	N/A	N/A
	2500 (17.24)	960 (4.27)	N/A	N/A
TSC3.00 or TSC4.00	2000 (13.79)	570 (2.54)	160 (0.71)	585 (2.60)
	2500 (17.24)	960 (4.27)	1230 (5.47)	550 (2.45)



16 ga ASTM A653 SS Grade 33 G60  
Bare metal thickness, t = 0.0538"

Clip A



General Notes:

1. SDS = Self Drilling Tapping Screw. #10SDS spacing distance is  $\frac{9}{16}$ " minimum, edge and end distance is  $\frac{5}{16}$ " minimum.
2. Reference TrussSteel Standard Detail TS020 for top chord bearing requirements. All supports are to be solid bearing.
3. Attachment of second clip on opposite face of chord is identical to what is detailed.
4. For 2000 psi grout: Special inspection is required. For proper installation of Titen HD fasteners, grout requirements, and requirements of special inspection, refer to ESR-1056.
5. For 2500 psi grout: The term "grout" refers to normal weight concrete and structural sand-light weight concrete. Special inspection is required. For proper installation of Titen HD fasteners and requirements of special inspection, refer to ESR-2713.
6. Allowable loads given on this detail are maximum values, not in combination. If loads are in combination, contact a TrussSteel engineer.
7. It is the responsibility of the building designer to verify that the structural support members are designed for all applicable loads including (but not limited to) the loads given on this detail.
8. Cold-Formed Steel Calculations are per the 2010 addendum to the Specification for the Design of Cold-Formed Steel Structural Members (CFSI 90-07/S2-10)

**TrussSteel**  
An ITW Company

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**Truss Top Chord Bearing  
Uplift Attachment  
To CMU**

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 ITW Building Components Group, Inc.

Standard Detail:

CD120702

Date:

07/23/12

TrussSteel Detail Category:

Truss-To-Bearing: Concrete



07/25/12