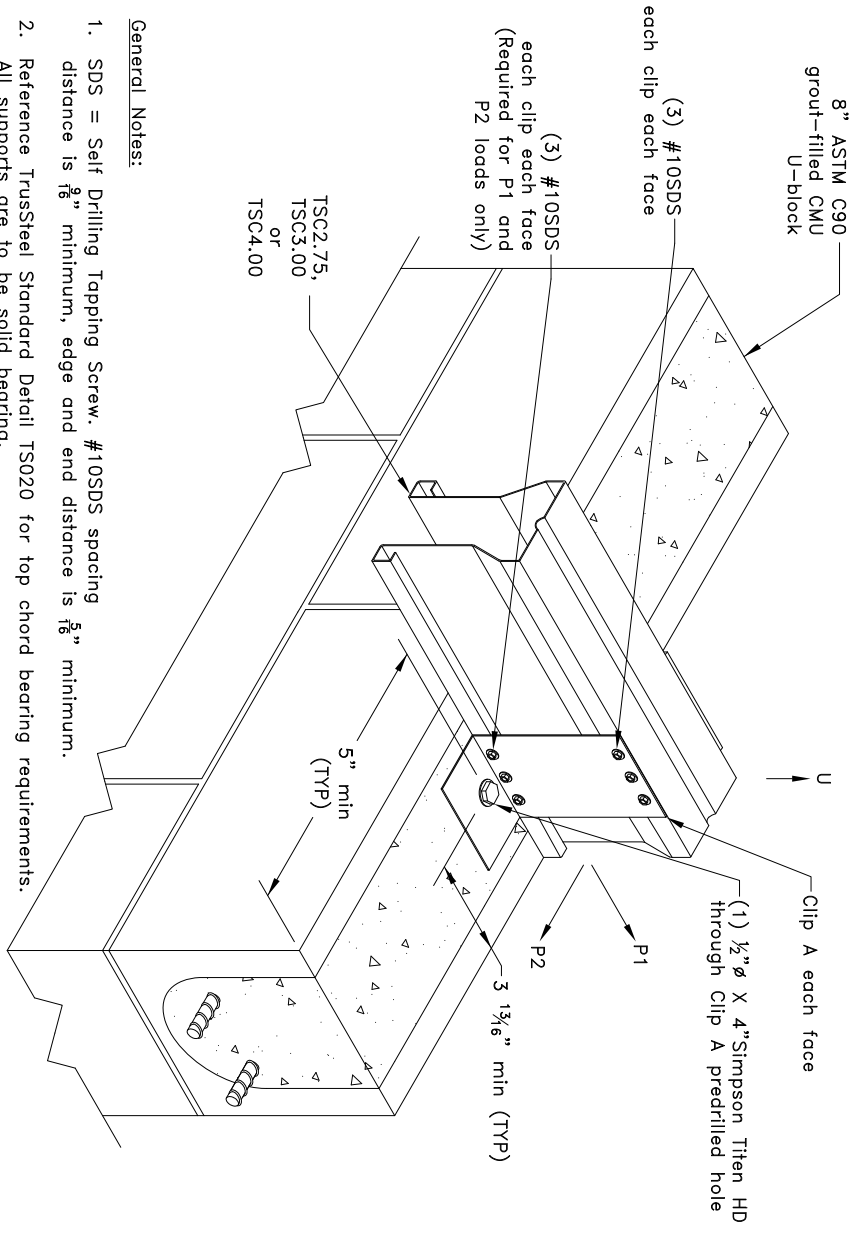
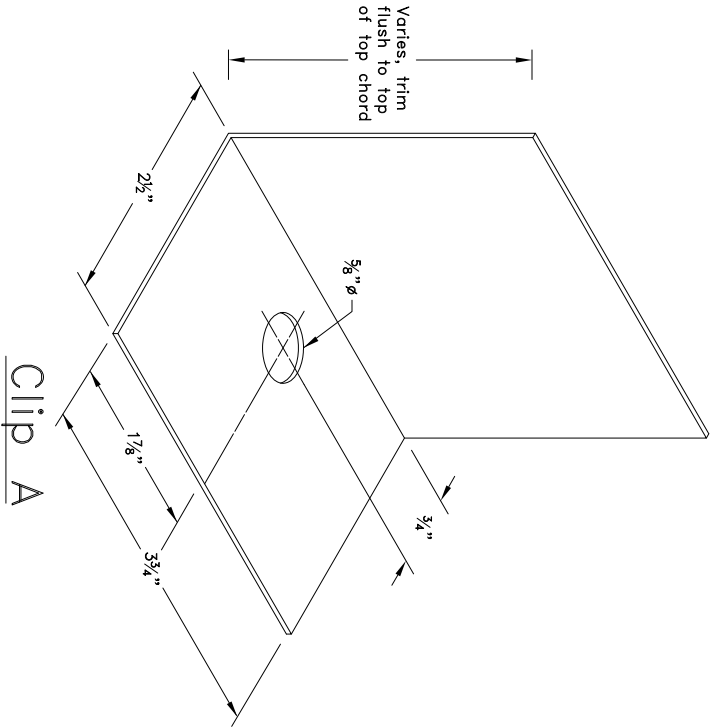


Maximum Loads Not in Combination (Clips Each Face)				
Chord Size	f'_c of grout psi (MPa)	U lbs (kN)	P1 lbs (kN)	P2 lbs (kN)
TSC2.75	2000 (13.79)	570 (2.54)	N/A	N/A
	2500 (17.24)	960 (4.27)	N/A	N/A
TSC3.00 or TSC4.00	2000 (13.79)	570 (2.54)	160 (0.71)	585 (2.60)
	2500 (17.24)	960 (4.27)	1230 (5.47)	550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



General Notes:

- SDS = Self Drilling Tapping Screw. #10SDS spacing distance is $\frac{9}{16}$ " minimum, edge and end distance is $\frac{5}{16}$ " minimum.
- Reference TrussSteel Standard Detail TS020 for top chord bearing requirements. All supports are to be solid bearing.
- Attachment of second clip on opposite face of chord is identical to what is detailed.
- 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.
- 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.
- Allowable loads given on this detail are maximum values, not in combination. If loads are in combination, contact a TrussSteel engineer.
- 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.
- Cold-Formed Steel Calculations are per the 2010 addendum to the 2010 North American Specification for the Design of Cold-Formed Steel Structural Members (C330-10/CSA S100-07/S2-10)

TrussSteel
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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