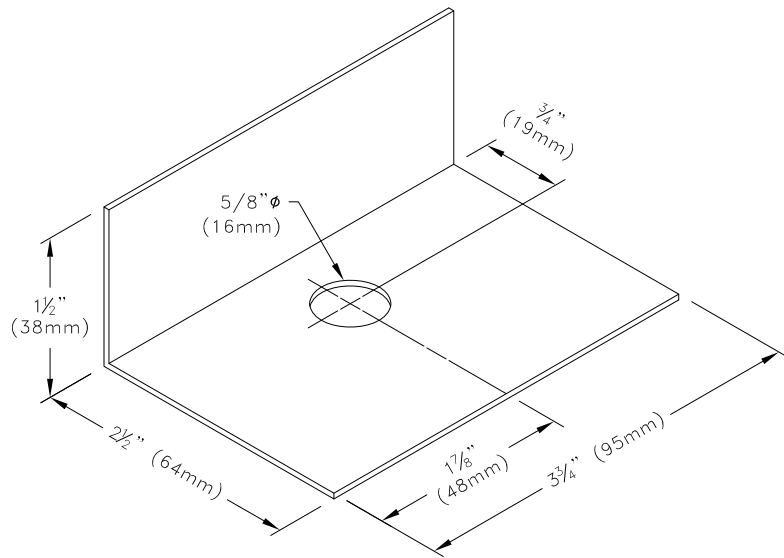


Allowable Loads – lbs (kN)^{A,B}

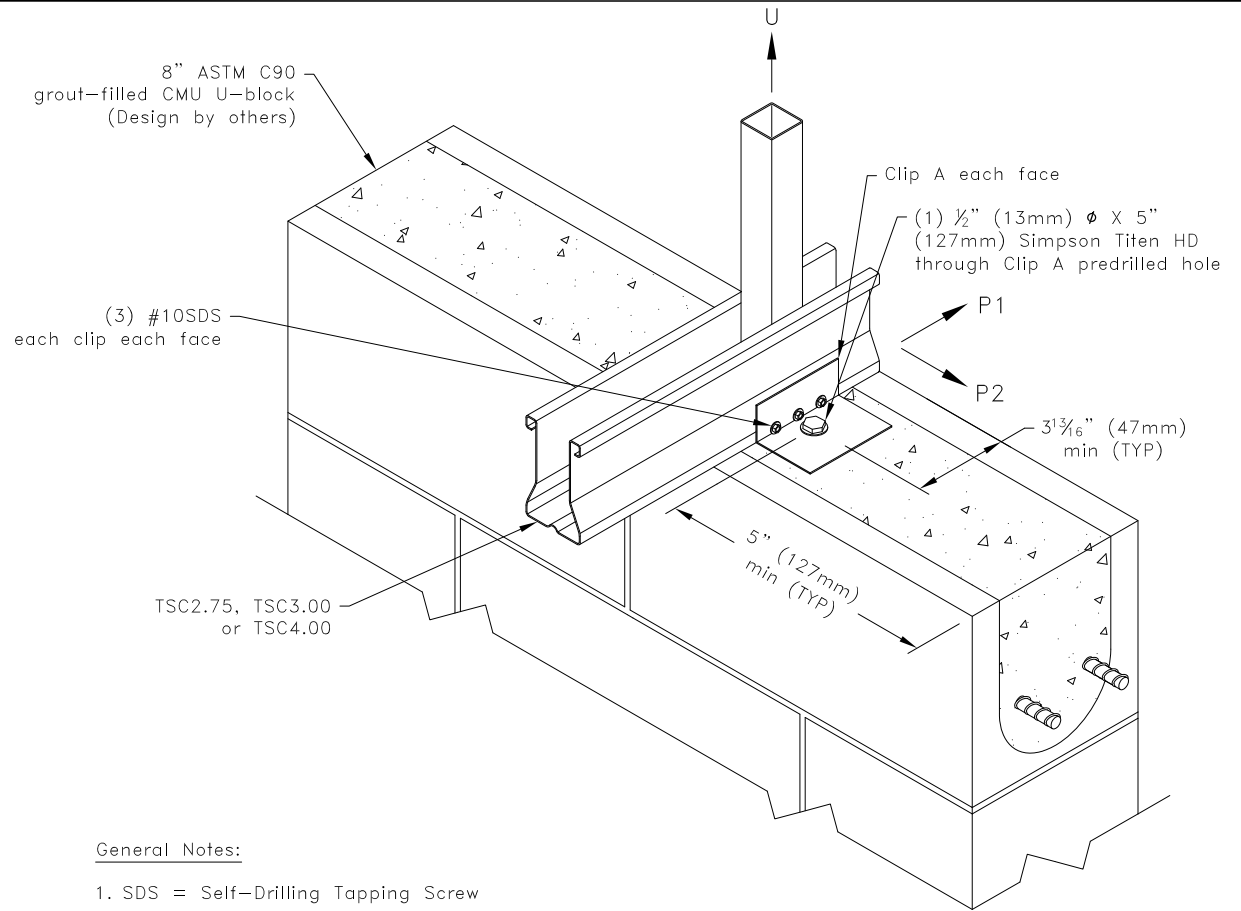
f'c of grout psi (MPa)	U	P1	P2
2000 (13.79) ^C	570 (2.54)	160 (0.71)	585 (2.60)
2500 (17.24)	960 (4.27)	1230 (5.47)	550 (2.45)

A. Allowable loads shown on this detail are not in combination.
 B. Clip connection is required on both faces.
 C. Design values are for uncracked concrete.



Clip A

16 ga ASTM A653 SS Grade 33 G60
 Bare metal thickness, t = 0.0538" (1.37mm)



General Notes:

1. SDS = Self-Drilling Tapping Screw
2. #10SDS screw spacing, end distance, and edge distance is 1/6" (14mm) minimum.
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 ICC ESR-1056 (March 1, 2012).
5. For 2500 psi grout: The term "grout" refers to normal weight concrete ONLY. Special inspection is required. For proper installation of Titen HD fasteners and requirements of special inspection, refer to ICC ESR-2713 (September 1, 2011).
6. 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.
7. Cold-Formed Steel Calculations are per the 2010 supplement to the AISI 2007 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-07/S2-10).

TrusSteel[®]

www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
 Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102

Uplift Attachment
 To CMU Bearing

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:

TS031A

Date:

07/16/12

TrusSteel Detail Category:

Truss-To-Bearing: Concrete