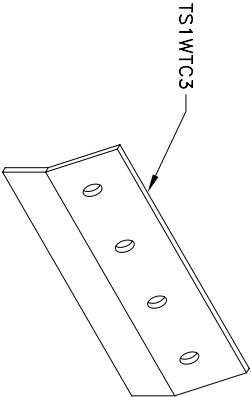
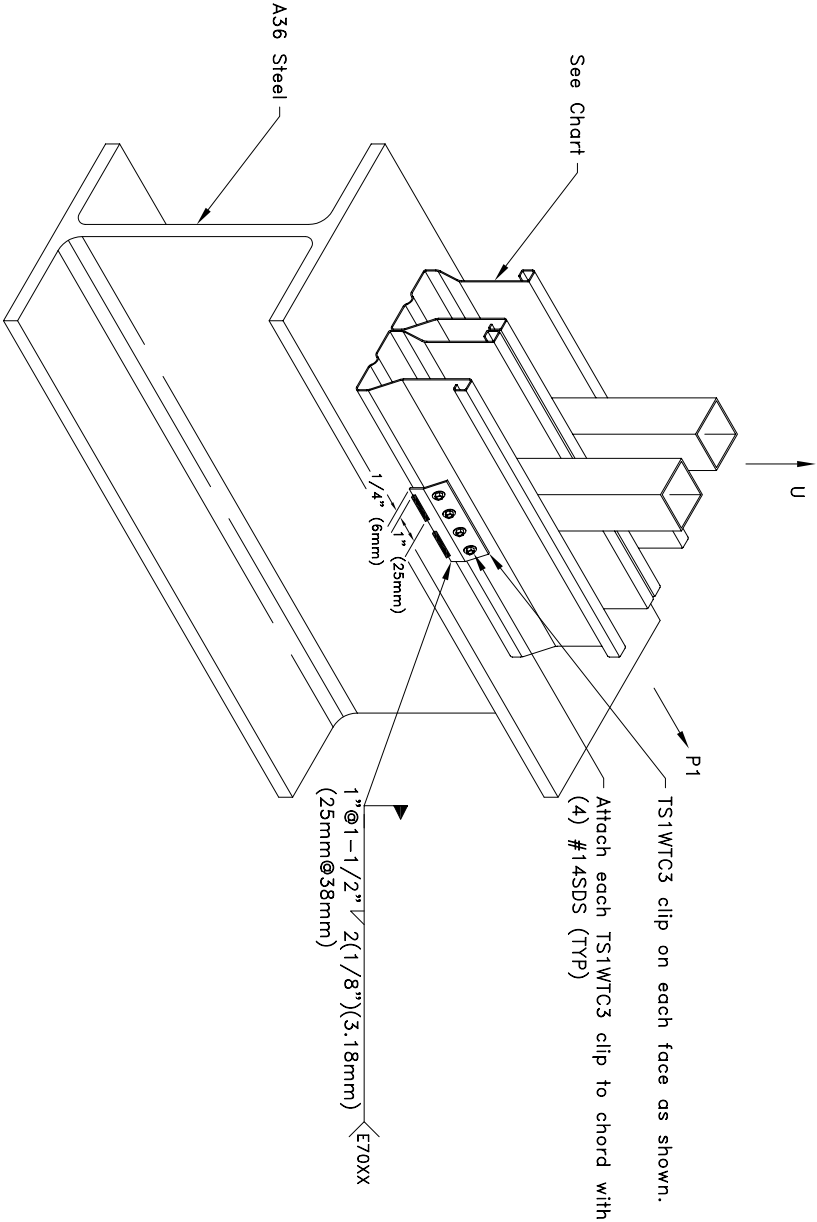


Allowable Load Combinations

Chord	U(lbs)	P1(lbs)
43TSC4.00	0	3490
	1000	3340
	1600	3100
	2100	2780
	2920	1910
54TSC4.00	3490	0
	0	4900
	500	4880
	1000	4800
	2000	4480
68TSC4.00	3500	3430
	4490	1970
	4900	0
	0	6910
	300	6900
	1000	6840
	6910	0



TS1WTC3 is 10g – base metal thickness (t) = 0.1280 in. (3.25mm)



General Notes:

1. SDS = Self-Drilling Tapping Screw
2. Attachment of clip on opposite face of chord is identical to what is detailed.
3. Refer to TrusSteel Technical Bulletin 98.10.05 titled "Repair of Galvanized Surfaces" to restore corrosion resistant properties of the connection after welding.
4. Weld values based on the use of an electrode type E70XX.
5. The allowable loads outlined in this detail have not been increased by 1.33.
6. Cold-Formed Steel Calculations are per the 2004 addendum to the 2001 AISI North American Specification for the design of Cold-Formed Steel Structural Members.



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
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

(2) TS1WTC3
Welded Truss Clips
to A36 Steel

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.

Custom Detail:

TS-CD-TB-S18-004

Date:

09/04/08

Custom Detail:

Truss-to-Bearing Connection