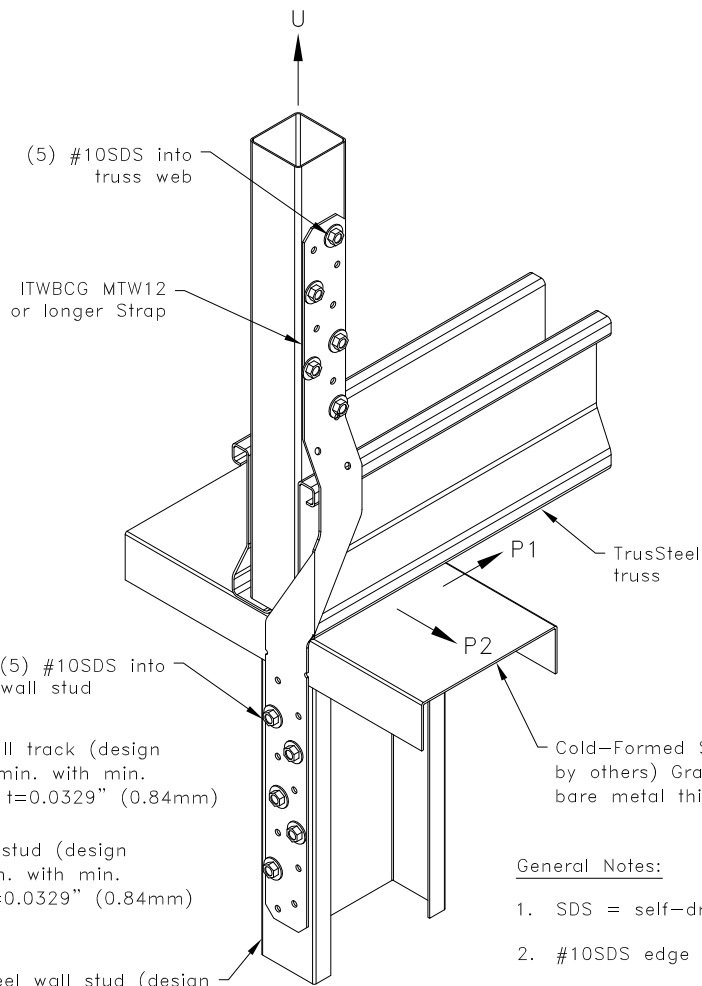


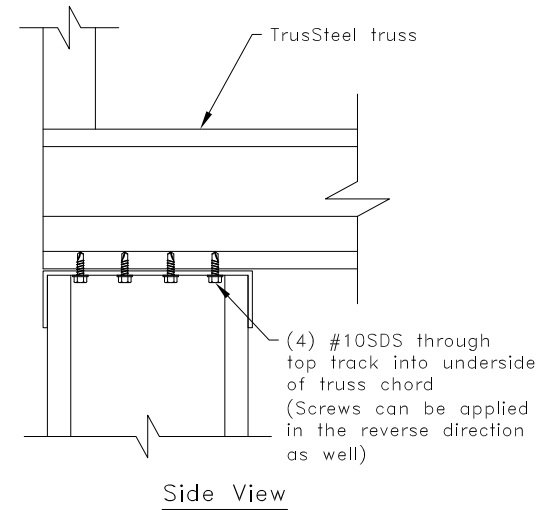
Connection Using  
ITWBCG LTSA

U = 510lbs (2.27 kN)



Connection Using  
ITWBCG MTW

U = 550lbs (2.45 kN) for TSC2.75  
U = 790lbs (3.51 kN) for TSC3.00  
or TSC4.00



Side View

P1 = P2 = 820lbs (3.65 kN)

General Notes:

1. SDS = self-drilling tapping screw.
2. #10SDS edge distance, end distance & spacing is 9/16" (14mm).
3. Truss end vertical web must be flush with edge of wall.
4. Truss end vertical web must be tall enough to apply strap.
5. Design of bearing shall be by others.
6. Wall stud must be directly under truss.
7. Allowable loads shown on this detail are not in combination.
8. 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**<sup>®</sup>

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

Connection For Truss to  
CFS Wall Stud

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:

TS071

Date:

07/16/12

TrusSteel Detail Category:

Truss-To-Bearing: Cold-Formed Steel