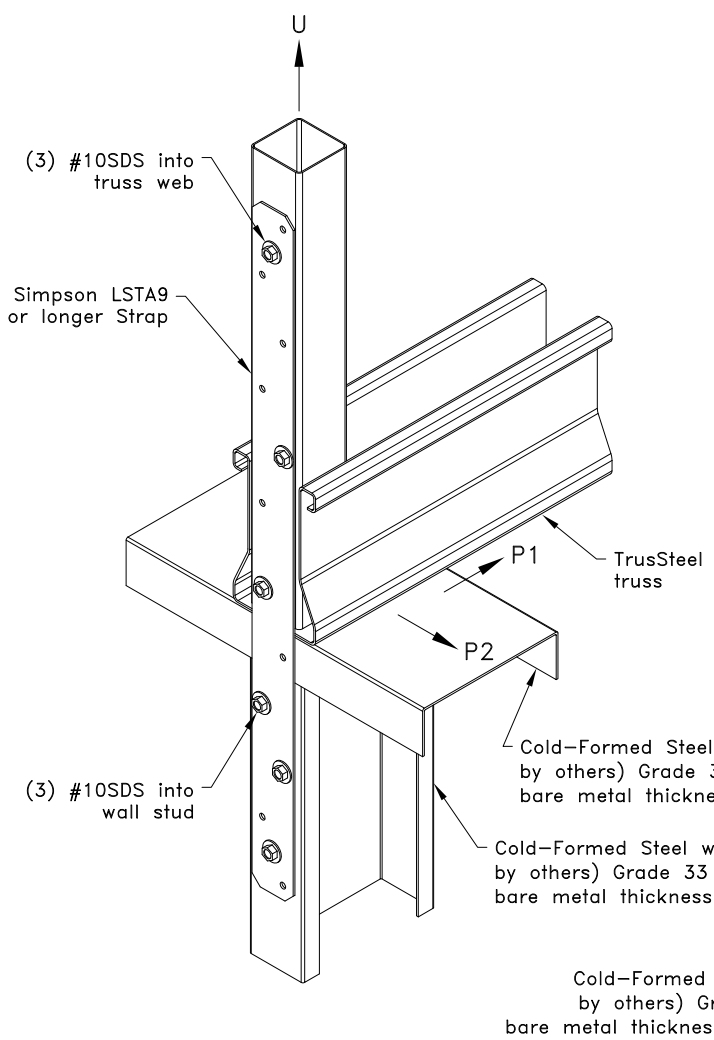
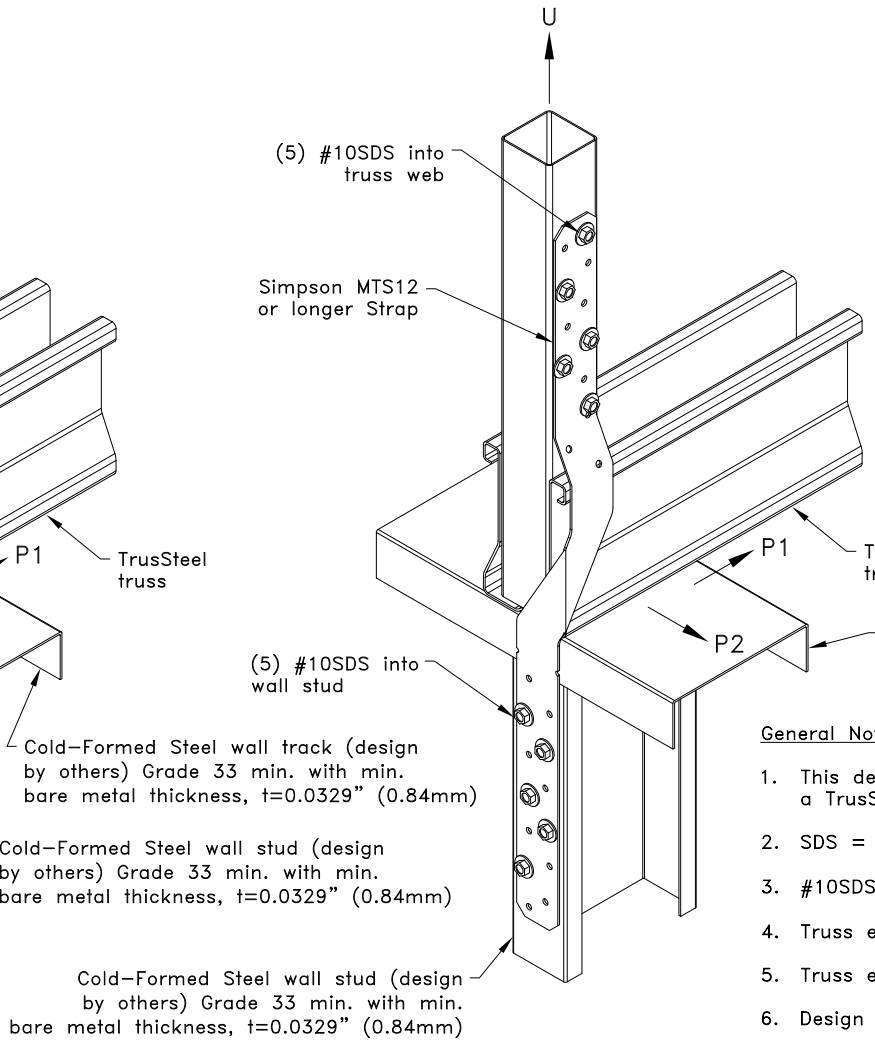


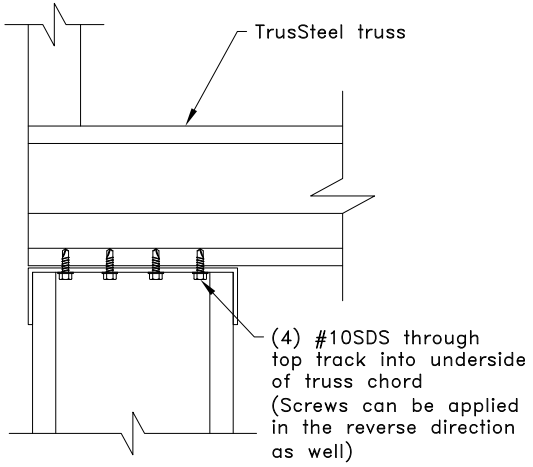
Connection Using Simpson LSTA

U = 510lbs (2.27 kN)



Connection Using Simpson MTS

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



Side View

P1 = P2 = 740lbs (3.29 kN)

General Notes:

1. This detail is for 1-Ply trusses only, for multi-ply trusses contact a TrusSteel engineer.
2. SDS = self-drilling tapping screw.
3. #10SDS edge distance, end distance & spacing is 9/16" (14mm).
4. Truss end vertical web must be flush with edge of wall.
5. Truss end vertical web must be tall enough to apply strap.
6. Design of bearing shall be by others.
7. Wall stud must be directly under truss.
8. Allowable loads shown on this detail are not in combination.
9. Cold-Formed Steel Calculations are per the AISI 2016 "North American Specifications for the Design of Cold-Formed Steel Structural Members" (S100-16).
10. It is permissible to substitute an equal alternative for the Simpson Strong-Tie hardware specified on this detail.

ALPINE TrusSteel™

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Missouri: 13723 Riverport Drive, Suite 200 / Maryland Heights, MO 63043 / (800) 326-4102

Connection For Truss to CFS Wall Stud

Alpine, a division of 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 Alpine, a division of ITW Building Components Group, Inc.

Standard Detail: TS071

Date: 10/11/18

TrusSteel Detail Category:

Truss-To-Bearing: Cold-Formed Steel