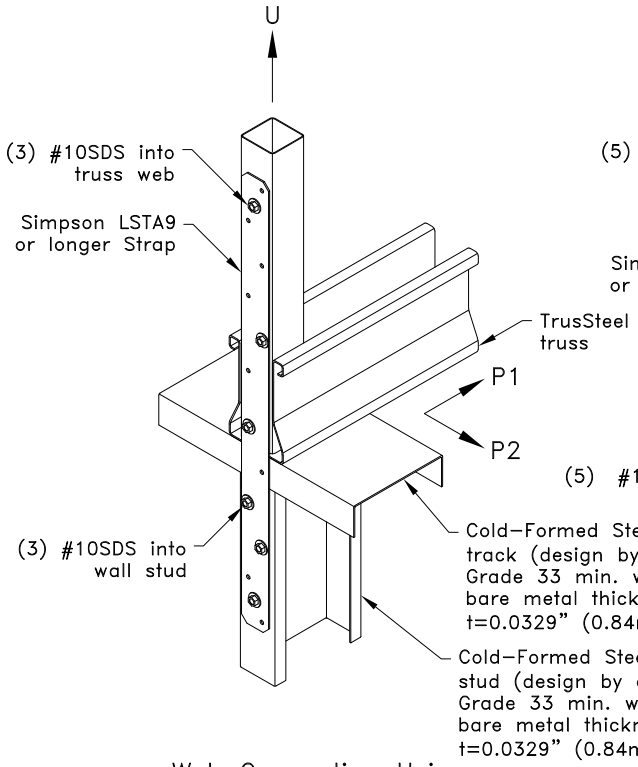
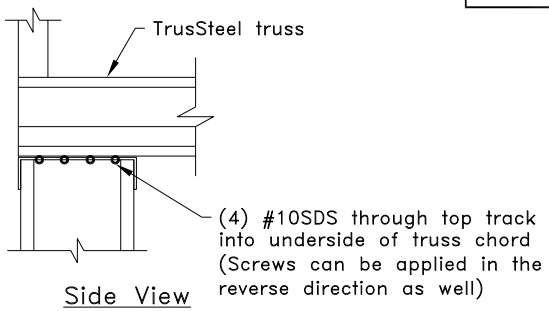


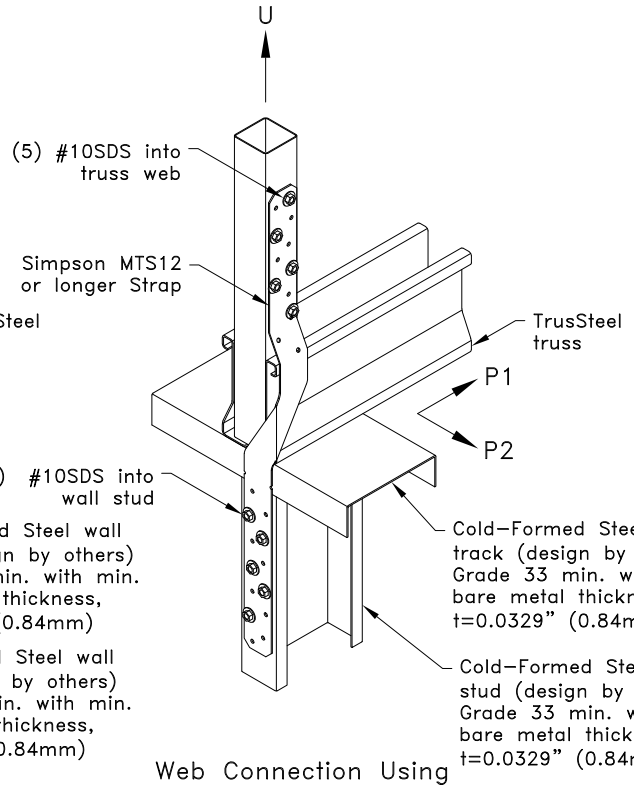
Web Connection Using
Simpson LSTA

U = 510lbs (2.27 kN)



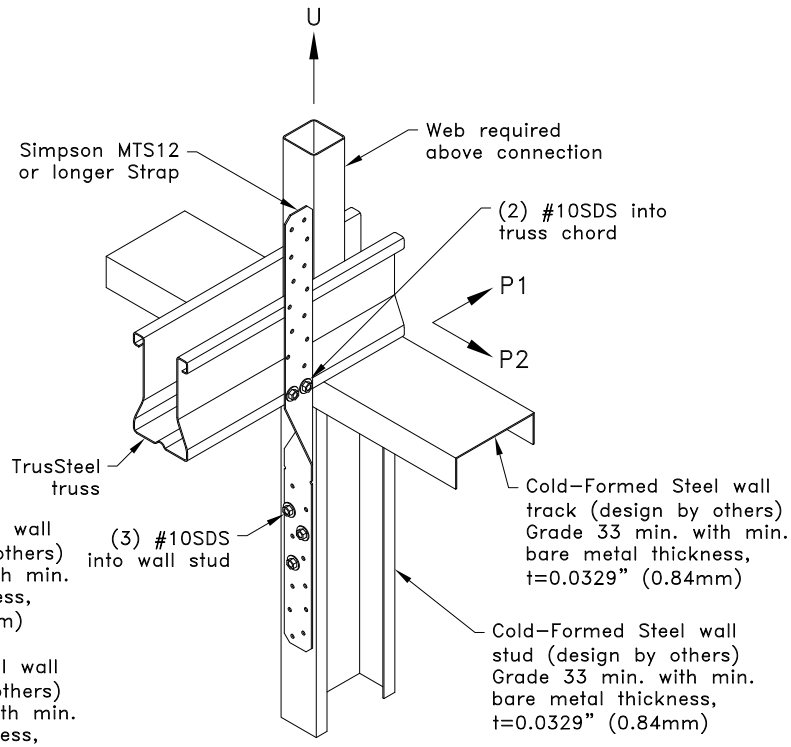
Side View

P1 = P2 = 740lbs (3.29 kN)



Web Connection Using
Simpson MTS

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



Chord Connection Using
Simpson MTS

Chord	Allowable Uplift
28TSC	410lbs (1.82 kN)
33TSC	510lbs (2.27 kN)
43TSC	530lbs (2.36 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. For connection to web, truss end vertical web must be flush with the edge of the wall and tall enough to apply the 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. It is permissible to substitute an equal alternative for the Simpson Strong-Tie hardware specified on this detail.
9. Cold-Formed Steel calculations are per the 2020 supplement to AISI 2016 "North American Specification for the Design of Cold-Formed Steel Structural Members" (S100-16/S2-20).

ALPINE TrusSteel™

www.TrusSteel.com

155 Harlem Ave., North Building, 4th Floor / Glenview, IL 60025 / (800) 755-6001

Connection For Truss to CFS Wall Stud

Standard Detail:
TS071

Date:
06/01/22

TrusSteel Detail Category:
Truss-To-Bearing: Cold-Formed Steel