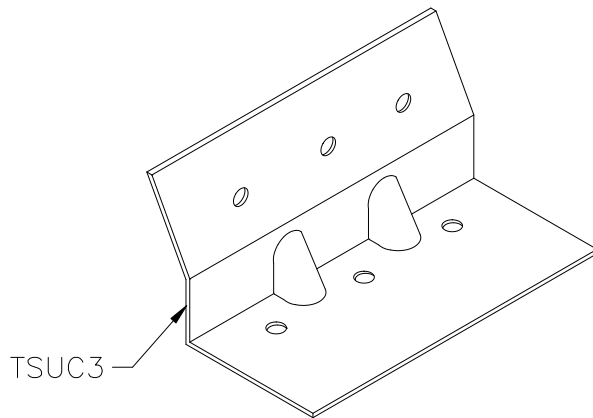
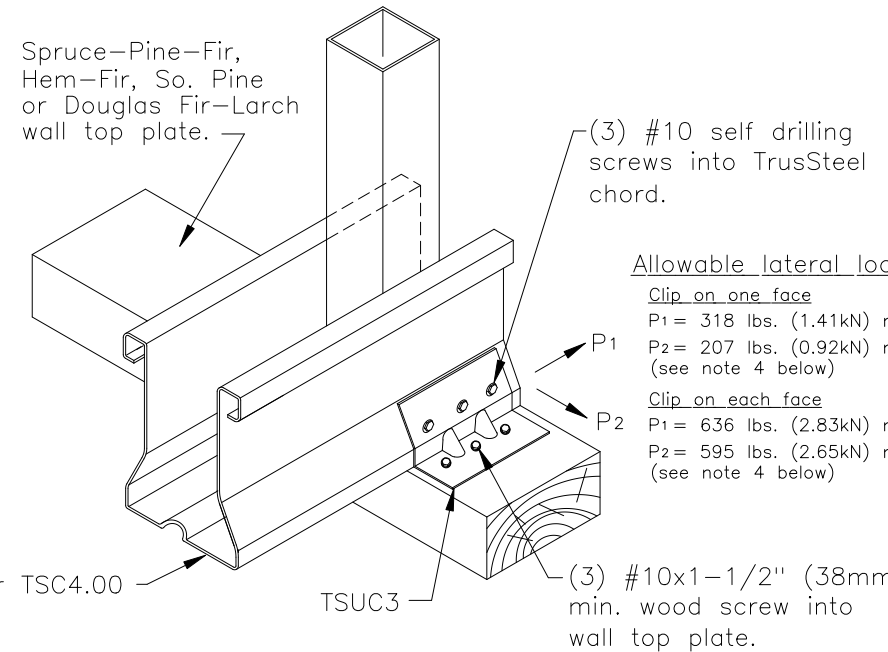


TSUC3 Uplift Attachment to Wood

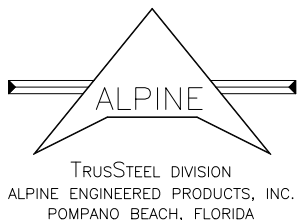
Total Uplift Capacity lbs. (kN)		
Wall top plate species	Clip on one face	Clip on each face
Spruce-Pine-Fir	380 (1.69)	910 (4.05)
Hem-Fir	400 (1.78)	960 (4.27)
Douglas Fir-Larch	540 (2.40)	1300 (5.78)
Southern Pine	540 (2.40)	1560 (6.94)

– The uplift capacities shown above have been increased by 1.33 for steel and 1.6 for wood and may be used only for uplift resulting from wind or seismic loads. For uplift due to other loads, use 62% of tabulated values.



General Notes:

1. 2" (38mm) x 4" (89mm) or larger top plate may be used.
2. Attachment of second clip on opposite face of chord is identical to what is detailed.
3. Connection of top plate to wall stud must be capable of transferring truss uplift load from wall top plate to wall stud.
4. Lateral allowable loads (P1 and P2) shown are maximum values. If these loads are in combination with an uplift load, contact an engineer from Alpine Engineered Products, Inc.
5. Wood screws require a lead hole to be drilled before insertion of screw. Diameter of lead hole to be 9/64" (3.57mm).



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING DEPICTED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO REDUCE BUCKLING LENGTHS. ALL DESIGN, ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING, TO RESIST LATERAL FORCES AND HOLD TRUSSES PLUMB, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING, AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO DESIGN OF THE TRUSS DEPICTED HERE AND SHALL NOT BE RELIED UPON IN OTHER WAY.

TrusSTEEL DETAIL
 DATE 12/21/01
 DRWG TS032
 -ENG