

Maximum Uplift Capacity U, lbs.		
Wall top plate species	Clip on one face+	Clip on each face
Cedar	416	832
Spruce-Pine-Fir	390	920
Hem-Fir	400	960
Douglas Fir-Larch	400	1230
Southern Pine	400	1230

+ Connections with clip on one face require web above connection.

Maximum Allowable Lateral Loads

Clip on one face

P1 = 372 lbs. max.

P2 = 310 lbs. max.

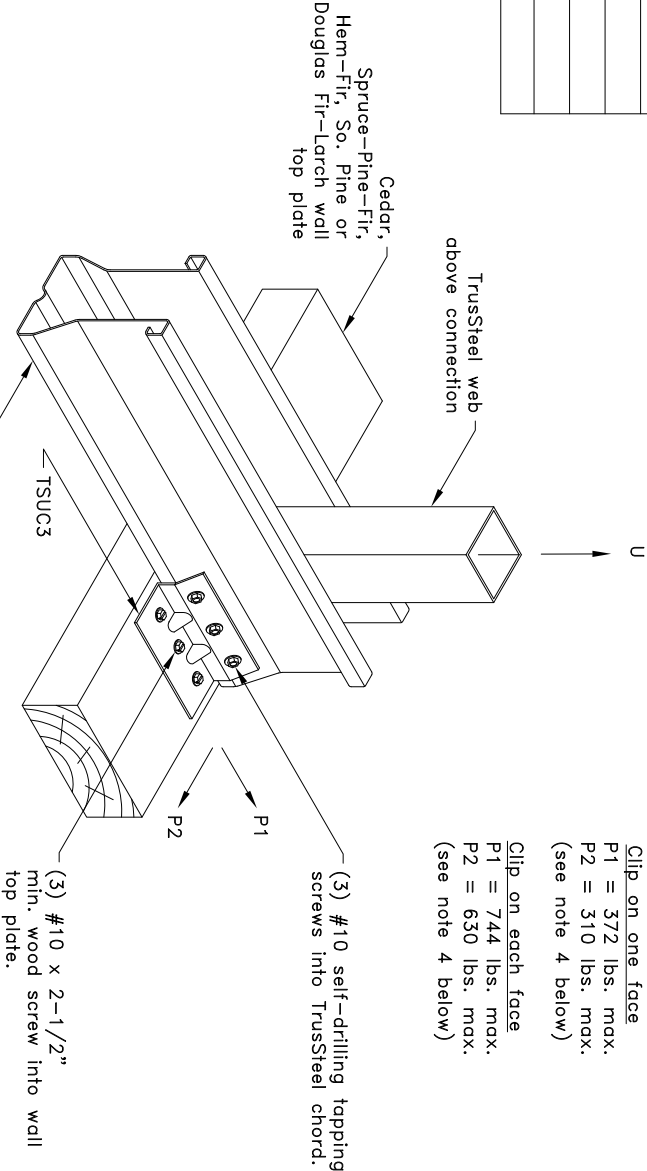
(see note 4 below)

Clip on each face

P1 = 744 lbs. max.

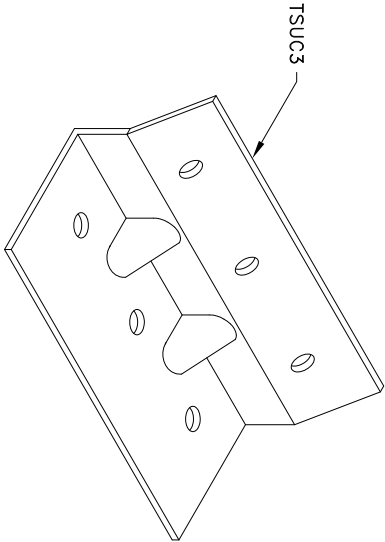
P2 = 630 lbs. max.

(see note 4 below)



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, P2) shown are maximum values. If these loads are in combination with an uplift load, contact a TrusSteel engineer.
5. Wood screws require a lead hole to be drilled before insertion of screw. Diameter of lead hole to be 9/64" (3.57mm).
6. The cold-formed steel allowable loads outlined in this detail have not been increased by 1.35.
7. Allowable wood screw uplift and lateral loads have been increased by 1.6 duration factor for wind and seismic loads.
8. If top plate is pressure treated lumber, contact a TrusSteel engineer for assistance.



An ITW Company

www.TrusSteel.com

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TSUC3 Uplift Attachment To Wood

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:

CD120301

Date:

03/13/12

TrusSteel Detail Category:

Truss-To-Bearing: All Other Materials