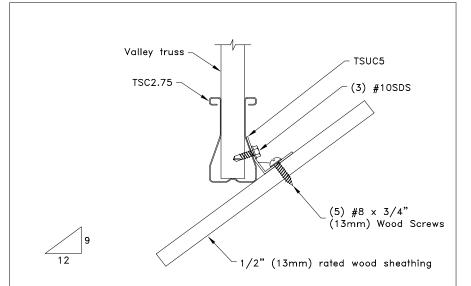


- Detail shown above is a TSC2.75 valley truss, the TSUC5 may be used in this application for roof pitches up to 5/12.
- For a TSC4.00 valley truss, the TSUC5 may be used in this application for roof pitches up to 3/12.
- Upper portion of clip TSUC5 is to be bent to proper angle to accommodate valley bottom chord.
- This connection is to be repeated at 2'0" (610mm) O.C. along the valley truss bottom chord.



- Detail shown above is a TSC2.75 valley truss, the TSUC5 may be used in this application for roof pitches up to 9/12.
- For a TSC4.00 valley truss, the TSUC5 may be used in this application for roof pitches up to 9/12.
- Upper portion of clip TSÚC5 is to be bent to proper angle to accommodate valley bottom chord.
- This connection is to be repeated at 2'0" (610mm) 0.C. along the valley truss bottom chord.

General Notes:

- 1. SDS = self-drilling tapping screw
- 2. Valley truss design
 - Valley trusses to be spaced at 24" (610mm) O.C.
 - Refer to approved truss drawings for valley design
 - Bottom chord panel point not to exceed 4'0" (1219mm) O.C.
- 3. The minimum pitch for this detail is 1.5/12 (7.13°)
- Top chord live load is 20.0 PSF (.96 kN/m2) and top chord dead load is 10.0 PSF. (.48 kN/m2).
- 5. ASCE 7-02 wind 140 MPH (63 m/s) 30' (9144mm) Mean Height, closed building, Exp C, Category II, K_{zt}= 10 and a minimum 5 PSF (0.24 kN/m2) top chord dead load.



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TrusSteel Valley Connection To Rated Wood Sheeting

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:

TS026B

Date:

06/21/07

TrusSteel Detail Category:

Valley Set