

2X SPF Wood Support
by others (TYP.)

See "Connection View" (TYP.)

U_1
 R_h
 R_{v1}

2X SPF Wood Support by
others (TYP.)

Supported TrusSteel
Truss

(4) #12x1.5" long rolled thread
wood screws each clip (TYP.)

Clip A (TYP.) Centered
on 2X Wood Support

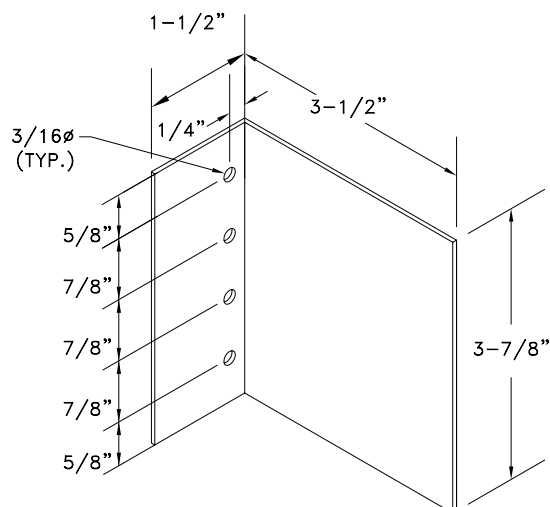
Supported TrusSteel
web

(4) #10SDS each clip
each face (TYP.)

Connection View

$$\begin{aligned} R_v &= R_{v1} + R_{v2} \\ U &= U_1 + U_2 \\ R_v &= U = 460 \text{ lbs} \\ R_h &= 470 \text{ lbs} \end{aligned}$$

Supported TrusSteel Web



Clip A

16g ASTM A653 SS Grade 33 G60
Bare metal thickness: $t = 0.0538$ "

General Notes:

1. SDS = Self-Drilling Tapping Screws
2. #10SDS edge distance, end distance & spacing is 9/16" min.
3. It is the responsibility of the building designer to verify that the structural support members are designed for all applicable loads including (but not limited to) the loads given on this detail.
4. Wood screw calculations are per ANSI/AF&PA NDS - 2005.
5. Cold-formed steel calculations are per the 2004 addendum to the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.

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An ITW Company

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**Mansard Truss to (2) 2x
Wood Supports**

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.

Custom Detail:

TS-CD-TS-W1-001

Date:

07/01/09

Custom Detail:

Truss-to-Support