

Description of Truss Manufacturer Drawings

Truswal Connection Drawing

Truss connection drawing by Truswal, attached to letter of July 7, 2005 by Mr. Thom, includes the following identifying information;

Title Valley Truss To Base Truss Connection Detail
Drawing Number TX07060001-001
Revision Date 3/1/2007

Various conditions for use of this drawing are described under "General Notes", including the following limits;

Maximum Wind Speed 130 mph
Maximum Mean Roof Height 20 feet
Exposure Category B

The following requirement is included in General Notes;

*Purlins required 2'-0" OC in absence of roof sheathing.
Valley truss bottom chords are considered purlins when
nailed according to purlin requirements.*

Vertical rise for slope of top chord is noted to range from "3 to 8" over 12.

The following two details are included on the drawing sheet;

"Valley Roof Plan"
"Section Cut Parallel To Valley Rafter"

The plan shows several valley trusses (with standard "VT" designation) running across underlying "base" trusses. Circled numbers (1 & 2 or just 2) point to every location where the longest valley truss (VT1) intersects with each underlying base truss, as follows;

Connections 1 and 2 at each end of the valley truss (shown on a base truss, with no overhang) and at the adjacent intersection.

Connections 1 and 2 at every other interior intersection

Connection 2 only at every other interior intersection that does not have connections 1 and 2 specified.

