

GENERAL SPECIFICATIONS

1. INSTALL VALLEY TRUSSES (24" O.C. MAXIMUM) AND SECURE PER DETAIL A
2. BRACE VALLEY WEBS IN ACCORDANCE WITH THE INDIVIDUAL DESIGN DRAWINGS.
3. IF SHEATHING IS NOT INSTALLED UNDER VALLEY, BASE TRUSS SHALL BE DESIGNED WITH A PURLIN SPACING EQUIVANT TO THE RAKE DIMENSION OF THE VALLEY TRUSS SPACING
4. NAILING DONE PER NDS - 2012
5. VALLEY STUD SPACING NOT TO EXCEED 48" O.C.
6. MAX MEAN ROOF HEIGHT = 30 FEET
7. ROOF PITCH = 0/12 TO 12/12
8. CATEGORY II BUILDING
9. EXPOSURE B OR C
10. WIND DURATION OF LOAD INCREASE : 1.60
11. MAX TOP CHORD TOTAL LOAD = 60 PSF
12. MAX SPACING = 24" O.C. (BASE AND VALLEY)
13. MINIMUM REDUCED DEAD LOAD OF 4.2 PSF ON THE TRUSSES.

VALLEY TRUSS TIE SPECIFICATIONS

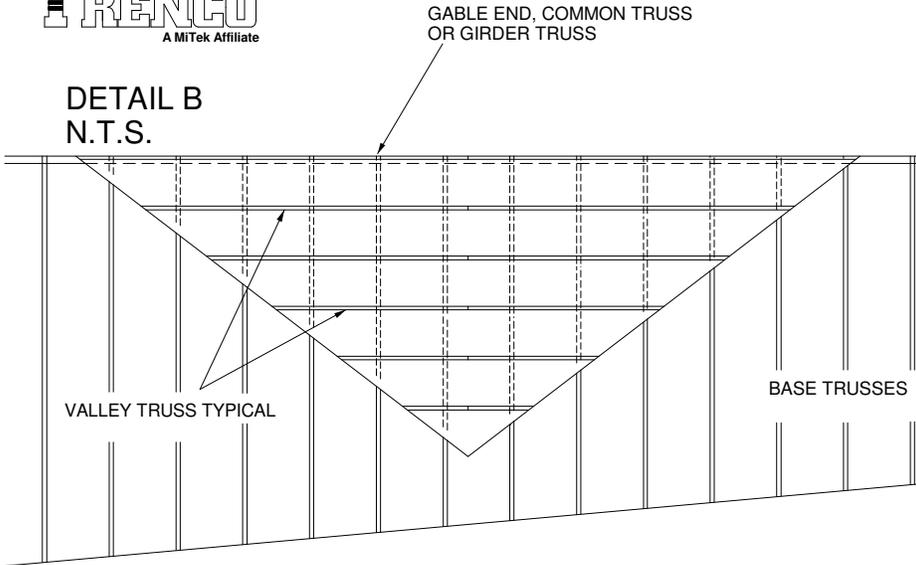
1. WIND DESIGN PER ASCE 7-98, 7-02 and 7-05 <146 MPH
WIND DESIGN PER ASCE 7-10, 7-16 <180 MPH

USP VTT'S TO BE INSTALLED AT EVERY TRUSS/VALLEY INTERSECTION PER DETAIL B

2. WIND DESIGN PER ASCE 7-98, 7-02, and 7-05 <120 MPH
WIND DESIGN PER ASCE 7-10, 7-16 <155 MPH

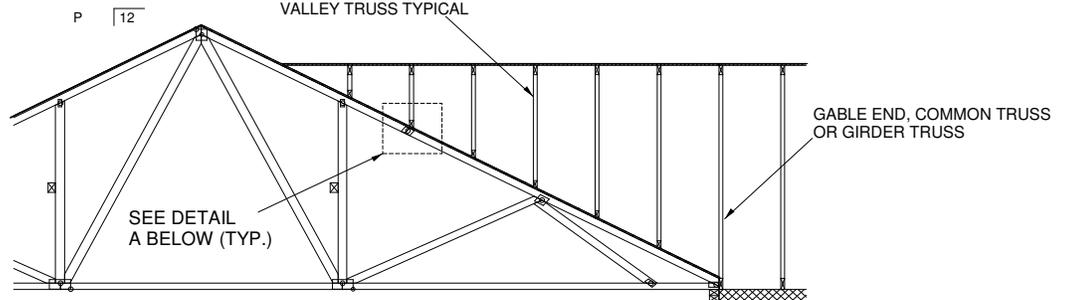
USP VTT'S MAY BE INSTALLED AT EVERY OTHER TRUSS/VALLEY INTERSECTION, STAGGERED BETWEEN EACH VALLEY TRUSS.

**DETAIL B
N.T.S.**



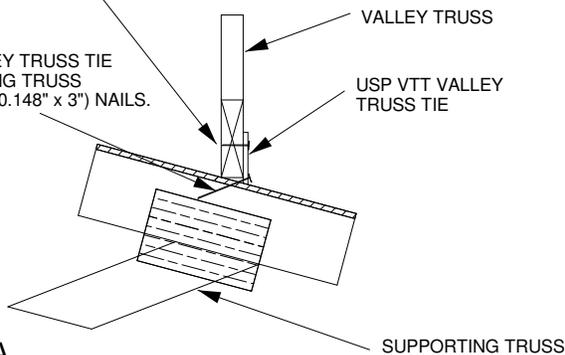
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VALLEY TRUSS TYPICAL



SECURE VALLEY TRUSS TIE TO VALLEY TRUSS USING (3) 10d (0.148" x 1.5") NAILS

SECURE VALLEY TRUSS TIE TO SUPPORTING TRUSS USING (3) 10d (0.148" x 3") NAILS.



**DETAIL A
N.T.S.**

VALLEY TRUSS

USP VTT VALLEY TRUSS TIE CENTERED ON BASE TRUSS

LOWER ROOF SHEATHING (MAXIMUM 1/2" SHEATHING)

