

# Valley Stub Repair Detail

ASCE 7-10, ASCE 7-16, or ASCE 7-22 180 mph. 30' Mean Height,  
Part. Enc. Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00

-Or-

ASCE 7-10, ASCE 7-16, & ASCE 7-22 160 mph. 30' Mean Height,  
Part. Enc. Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

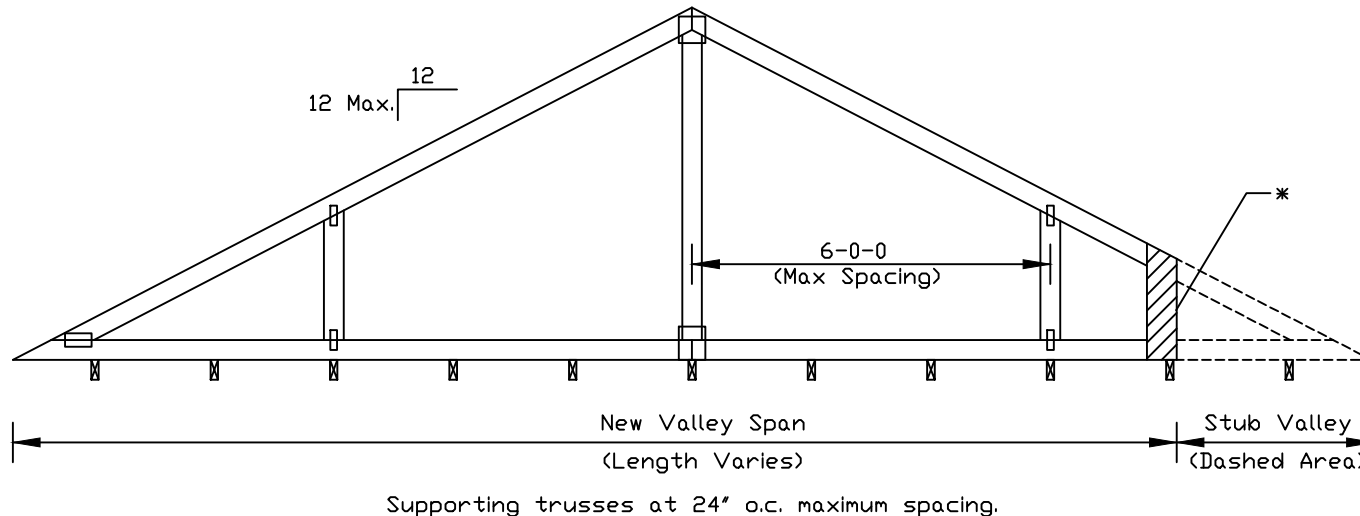
Snow Load Factors: Ce = 1.00, Ct = 1.1, I = 1.0.

Note: See standard valley details or engineer's sealed design  
for lumber, plates, and other data not shown here.

\* 2x6 SP #3, SPF #1/#2, DF-L #2 or better scab. Attach to  
one face with (6) 10d box (0.128" x 3.0") into the top and  
bottom chords. Maximum Scab length is 7'-9".

This detail may also be used to repair any damaged or broken  
valley verticals with a length of 7'-9" or less. Attach scab as  
specified above at the location of the damaged vertical.

Vertical scab may not be exposed to wind.



TC LL	30	30	40PSF	REF	VALLEY STUB
TC DL	20	15	7PSF	DATE	07/03/2023
BC DL	10	10	10 PSF	DRWG	REPVALST0723
BC LL	0	0	0PSF		
TOT. LD.	60	55	57PSF		
DUR.FAC.	1.25/1.33	1.15	1.15		
SPACING	24.0"				