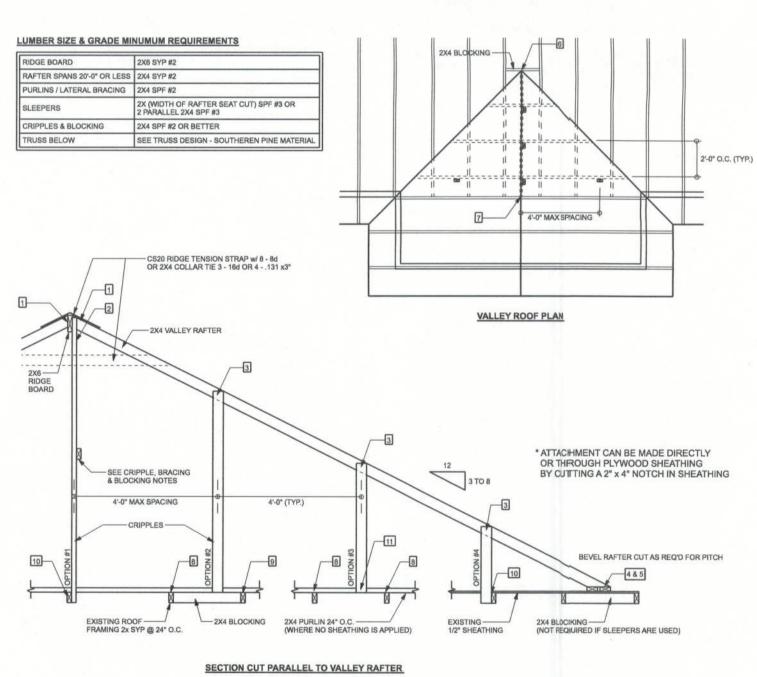


SEE PORCH POST DETAIL (TYPICAL)

T21G



VALLEY	ROOF	PLAN	MEMBER	LEGEN
	TRUS	8		

= = = = TRUSS UNDER VALLEY FRAMING

:===:: VALLEY RAFTER OR RIDGE CRIPPLE

CRIPPLES 4'-0" O.C. FOR 20 psf (TL) AND 10 psf (TD) (TYP. SHINGLE ROOF) MAX

1	2X4 RAFTERS TO RIDGE	3 -16d OR 6131 x 3" TOE NAILS
2	CRIPPLE TO RIDGE	3 - 16d OR 6131 x 3" FACE NAILS
3	CRIPPLE TO RAFTERS	3 - 16d OR 6131 x 3" FACE NAILS
4	RAFTER TO SLEEPER OR BLOCKING	6 -16d OR 12131 x 3" TOE NAILS
5	SLEEPER TO TRUSS	4 - 16d OR 8131 x 3" FACE NAILS EACH TRU
6	RIDGE BOARD TO ROOF BLOCK	3 -16d OR 6131 x 3" TOE NAILS
7	RIDGE BOARD TO TRUSS	3 -16d OR 6 - ,131 x 3" TOE NAILS
8	PURLIN TO TRUSS (TYP.)	3 -16d OR 6131 x 3" NAILS
8	PURLIN TO TRUSS (IF CRIPPLE IS ATTACHED TO PURLIN)	4 -16d OR 8131 x 3" NAILS
9	TRUSS TO BLOCKING	3 -16d OR 6131 x 3" END NAILS
10	CRIPPLE TO TRUSS	3 -16d OR 6131 x 3" FACE NAILS
11	CRIPPLE TO PURLIN	3 -16d OR 6131 x 3" FACE NAILS

GENERAL NOTES

MAXIMUM RAFTER SPANS 6'-0" FOR 2X4, 9'-0" FOR 2X6 SPF #2 OR SYP #2. 6'-0" FOR 2X4, 9'-0" FOR 2X6 SPF #2 OR SYP ##2.

MAXIMUM ROOF AREA PER SUPPORT
16R2 IN ZONES 2.8.3, 24R2 IN ZONE 1. (EXAMPLE: 4'-0" O.C. X 4'-0" SPAN
= 16R2 OR 2'-0" X 8'-0" SPAN = 16R2)

PURLINS REQUIRED 2'-0" O.C. IF EXISTING SHEATHING IS REMOVED.

PURLINS SHOULD OVERLAP SHEATHINGONIE TRUSS SPACING MINIMUM.
IN CASES THAT THIS IS IMPRACTICAL, OVERLAP SHEATHING A MINIMUM
OF 8'- AND NAIL UPWARDS THROUGH SHEATHING INTO PURLIN WITH A
MINIMUM OF 8'- 8d COMMON WIRE NAILS.
THIS DRAWING APPLIES TO VALLEYS WITH THE FOLLOWING CONDITIONS:
-SPANS (DISTANCS BETWEEN HEELS) 4'00" OR LESS
-MAXIMUM VALLEY HEIGHT: 14'-0" OR LESS
-MAXIMUM WIND SPEED: 130 MPH
- MAXIMUM MEAN ROOF HEIGHT: 30 FEET
- MAXIMUM MEAN ROOF HEIGHT: 30 FEET
- MAXIMUM TOTAL LOADING: 40 psf
- MEETS FBC I ASCE 7-16 WIND REQUIREMEENTS
- EXPOSURE CATEGORY "C", I = 1.0, Kzt = 1.00
- ENCLOSED BUILDING

CRIPPLE, BRACING, & BLOCKING NOTES -2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5"-0" TO 10"-0" LONG NAILED W 2 - 104 NAILS OR 2X4 "T" OR SCAB BRACE NAILD TO FLAT EDGE OF CRIPPLE WITH 8d NAILS @ 8" O.C. "T" OR SCAB MUST BE 90% OF CRIPPLE LENGTH. CRIPPLES OVER 10-0" LONG REQUIRE TWO CLB's OR BIOTH FACES W "T" OR SCAB. USE STRESS GRADED LUMBER & BOX OR COMMON NAILS.

NARROW EDGE OF CRIPPLE CAN FACE RIDGE OR RAFTER, AS LONG AS THE PROPER NUMBER OF NAILS ARE INSTALLED INTO RIDGE BOARD

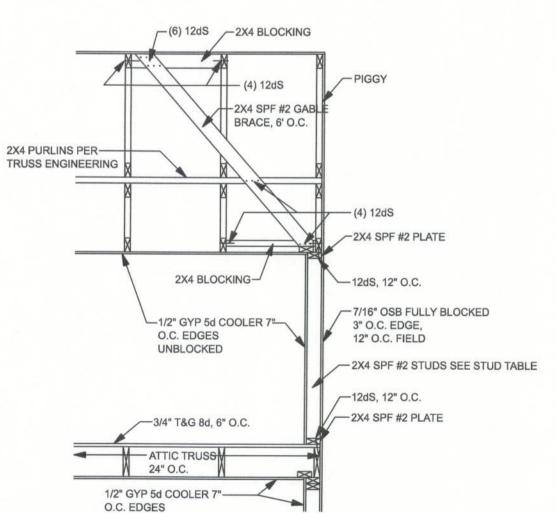
INSTALLED INTO RIDGE BOARD

INSTALL BLOCKING UNDER RAFTER IF SLEE:PERS ARE NOT USED.

INSTALL BLOCKING UNDER CRIPPLES IF CRIPPLES FALL BETWEEN LOWER TRUSS TOP CHORDS AND LATERAL BRACING IS NOT USED,

-APPLY ALL NAILING IN ACCORDANCE TO NDSS-1997 SECTION 12. NAILS ARE COMMON WIRE NAILS UNLESS NOTED OTHERWISE.

ROOF OVER FRAMING & BRACING DETAIL



BONUS ROOM / GABLE END BRACING

SCALE: 1/2"=1'-0"

UNBLOCKED