# VALLEY TRUSS DETAIL

CHORD SIZE AND GRADE AS SPECIFIED ON THE SEALED TRUSS DESIGN.

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS AS PER PART 9 OF THE NATIONAL BUILDING CODE OF CANADA AND/OR THE RECOMMENDATION OF THE PROJECT ENGINEER OF RECORD

WEB BRACING AS SPECIFIED ON THE SEALED TRUSS DESIGN.

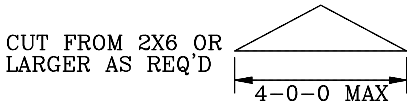
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

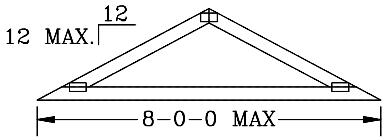
TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION
OR
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

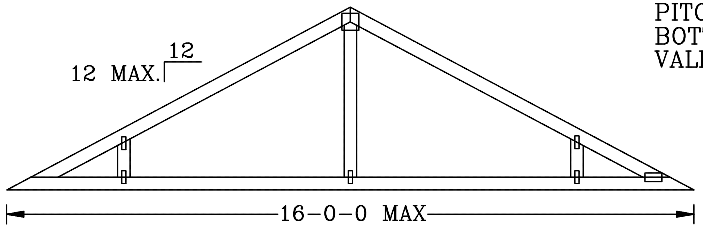
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

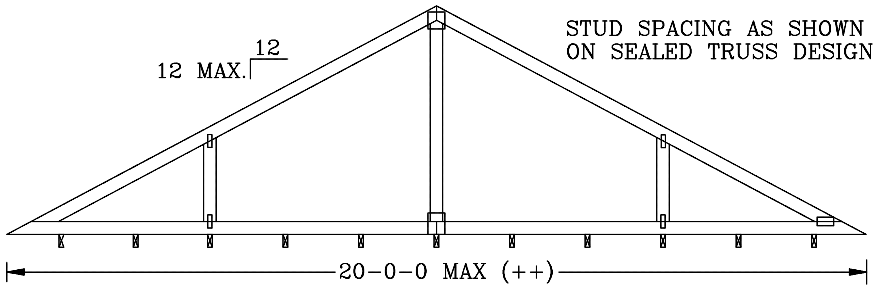
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.

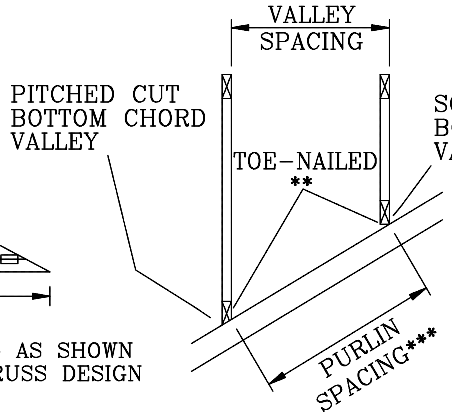


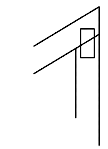



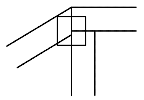



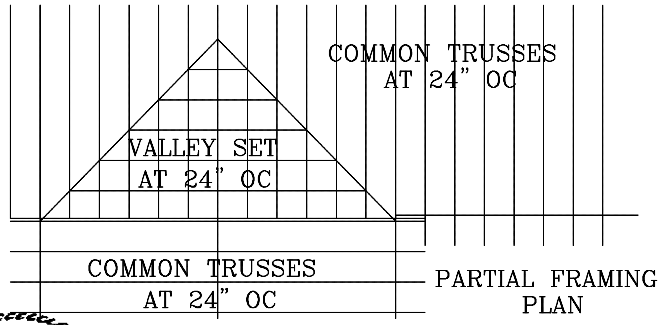




SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.




Visit http://www.alpinesys.com/Specs for the latest information and warnings

ALPINE

ALPINE SYSTEMS CORPORATION
CONCORD, ONTARIO
COQUITLAM , BC
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**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (HANDLING INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE SYSTEMS CORPORATION SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPIC; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF CSA 086-01 (CANADIAN STANDARDS ASSOCIATION), NBCC (LATEST EDITION) AND TPIC. ALPINE CONNECTOR PLATES ARE MADE OF 20GA ASTM A653 GR40 GALV. STEEL EXCEPT AS NOTED. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER TPIC '96.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA G.L. SHIPLEY 25143

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|---|---|---|---|
| TC LL | PSF | REF | VALLEY DETAIL |
| TC DL | PSF | DATE | 12/16/04 |
| BC DL | PSF | | |
| BC LL | PSF | -ENG | TB/AV |
| TOT. LD. | PSF | | |
| DUR.FAC. | 1.00 | | |
| SPACING | 24" | | |

A-105