

A105 Valley Truss Detail

rev - Nov 2021
by - MB



Markham, ON / Coquitlam, BC / Gatineau, QC

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

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

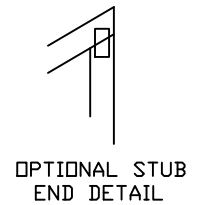
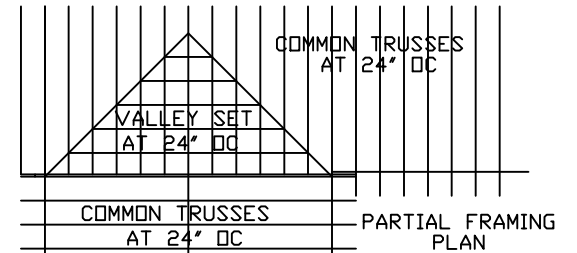
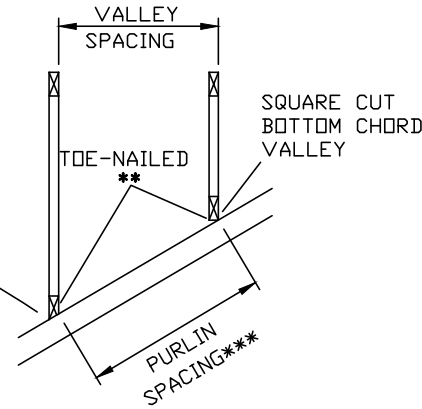
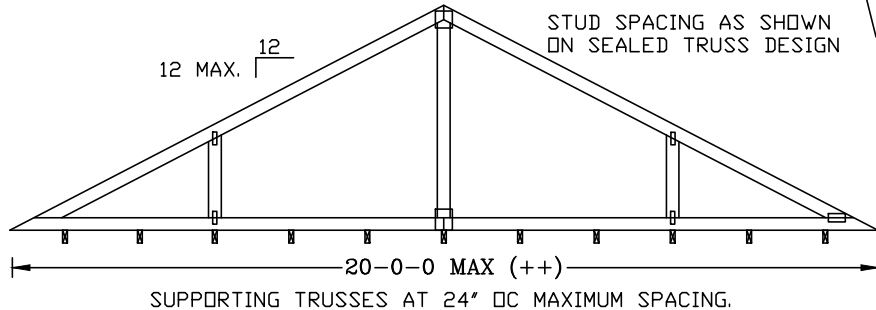
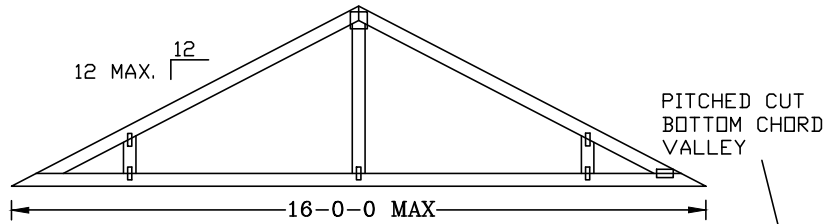
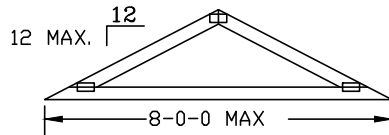
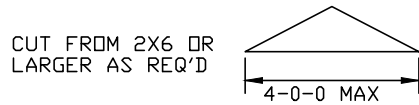
- OR
- PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
- OR
- BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

** 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

*** 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.



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CCMC #12182-L, 12802-L, 13124-L

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI-BIC (HANDLING, INSTALLING, RESTRAINING AND BRACING), JOINTLY PRODUCED BY TPIC, TPI AND SBGA, AND AVAILABLE AT WWW.SBGINDUSTRY.COM/BCSI-CANADA FOR BEST 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 A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE SYSTEMS CORPORATION SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPIC OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF CSA OR CANADIAN STANDARDS ASSOCIATIONS, NBCC, AND TPIC. ALPINE CONNECTORS ARE MADE OF 6061 ALUMINUM OR 6061 ALUMINUM GALV. STEEL, EXCEPT AS NOTED. APPLY CONNECTORS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION CONNECTORS PER DRAWINGS 160 A-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 SPECIFIC BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER APPLICABLE TPIC DESIGN STANDARD.