SPECIAL ENGINEERING NOTES:

1. Handling care should be taken during shipping and erection of trusses. See A-100 General Information Sheet for additional warnings and specifications.

2. Warning: Special handling care should be taken during shipping and erection. We recommend seeking the advice of a local Professional Engineer. See A-100 General Information Sheet for additional warnings and specifications.

3. Warning: The configuration/length of this truss is such that extreme caution must be exercised in handling and installation to prevent damage. Refer to BCSI 1-03 for recommendations. We recommend seeking the advice of a local Professional Engineer. Also see A-100 General Information Sheet for additional warnings and specifications.

4. ********* WARNING ********* DANGER *********
Special and extreme precautions should be taken to insure that these trusses do not bend more than 3'0" out of plane during fabrication, handling, shipping and installation. Special attention is required so that the handling and bracing recommendations set forth in TPI publication BCSI 1-03 are strictly adhered to. Ensure that the temporary and permanent bracing is adequate and that trusses are installed straight and plumb. Be advised that trusses with broken or damaged members or connector plates shall be scrapped and replaced. Repair of any member is impossible due to the critical nature of this structure. A temporary support at the center of the span is strongly recommended during the erection of these trusses and should remain there until all permanent bracing is in place. Seek the advice of a local Professional Engineer. Also see A-100 General Information Sheet for additional warnings and specifications.

5. Truss shall be used in enclosed buildings in non-corrosive environments with adequate ventilation. Failure to provide proper ventilation will result in the eventual damage to the component.

6. The bottom chord of an attic frame must be adequately braced by using cross bracing and/or strapping as required by the National Building Code, latest edition, in conjunction with appropriate chord size and room size.

HARSH ENVIRONMENTAL CONDITIONS:

NOTE: If this truss is to be used in harsh environmental conditions, we recommend the following:

1. Relative humidity must not exceed 70% for more than six consecutive days.
2. End of lumber segments are to be coated with sealant such as 'Thompsons Water Seal' to prevent movement of moisture through lumber.
3. After fabrication, all connector plates are to recieve two coats of Glidden Coal Tar Epoxy #5270/5271. All material is to be applied at a rate of 10.5 Mils wet to achieve 8.0 Mils dry. Plates must be completely coated to prevent air access to exposed portions of plate including teeth outside the surface of the wood.
4. Trusses to be inspected periodically for signs of corrosion in metal connector plates. Plates that become corroded must be immediately repaired or replaced.
5. Lumber and plate values have been reduced to take into account the harsh environmental conditions.

TO THE BEST OF OUR KNOWLEDGE THESE RECOMMENDATIONS WILL EXTEND SERVICEABLE LIFE OF THE TRUSS UNDER HARSH ENVIRONMENT CONDITIONS. NO WARRANTY OR GUARANTEE OF ANY KIND IS EXPRESSED OR IMPLIED. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR APPLICATION OF PRODUCTS USED.

DUE TO THE CORROSIVE NATURE OF THE ENVIRONMENT IN WHICH THIS DESIGN IS TO BE USED, THE PERFORMANCE OF THIS FRAME AND ITS CONNECTIONS CAN NOT BE GUARANTEED BY EPIC TRUSS SYSTEMS LTD.

* TPIC-96 Truss Design Procedures and Specifications for Light Metal Plate Connected Wood Trusses, Limit States Design, 1996 Edition. Truss Plate Institute Of Canada.
* TPIC-2007 Truss Design Procedures and Specifications for Light Metal Plate Connected Wood Trusses, Limit States Design, 2007 Edition. Truss Plate Institute Of Canada.
** CSA O86-01 CSA Standard O86-01 Engineering Design in Wood (Limit States Design)
+ NBCC - The National Building Code Of Canada, 1995 Edition.
+ NBCC - The National Building Code Of Canada, 2005 Edition.
+ BCBC - The British Columbia Building Code, 2006 Edition.
+ ABC - The Alberta Building Code, 2006 Edition.
+ OBC - The Ontario Building Code, 2006 Edition.

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

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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 A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. EPIC TRUSS SYSTEMS LTD. 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 O86-01 (CANADIAN STANDARDS ASSOCIATION), NBCC (LATEST EDITION), AND TPIC. ALPINE CONNECTORS ARE MADE OF 20GA ASTM A653 GR40 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 PARTICULAR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER TPIC 96.

REF

DATE 05/06/09

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