

(KBS2735-KBS2735 -- , \*\* - HM4152165)

Top chord 2x4 SPF #1/#2 :T2 2x6 SPF 2100f-1.8E:  
 Bot chord 2x4 SPF 2100f-1.8E  
 Webs 2x3 SPF(S) #2 :W2, W6 2x4 SPF #1/#2:  
 :Lt Stub Wedge 2x4 SPF #1/#2:

MAX CSI: TC = 0.46, BC = 0.52, WEBS = 0.44.

(a) Continuous lateral restraint equally spaced on member.

CIRCLED NUMBERS INDICATE TYPE OF FIELD CONNECTION REQUIRED- SEE SCHEDULE FOR CONNECTION LOADS AND REQUIREMENTS. TIGHT FIT IS REQUIRED BETWEEN ALL MEMBERS AT THE JOINT. CONTACT ITWBCG FOR ALTERNATE JOINT CONDITIONS (TO ACCOMMODATE NAILERS AND PLATES AT MEMBER ENDS, ETC.) AND ALL FIELD CONNECTIONS SHALL BE DESIGNED BY THE PROJECT ENGINEER AND CONFORM TO THE HOME MANUFACTURER'S INSTALLATION DETAILS.

WARNING: FAILURE TO PROVIDE PROPER FIELD CONNECTIONS MAY RESULT IN INADEQUATE STRUCTURAL PERFORMANCE.

FIELD CONNECTION SCHEDULE:

TYPE	MAXIMUM LOAD (lbs)	
	AXIAL	SHEAR
1	280T / 455C	---

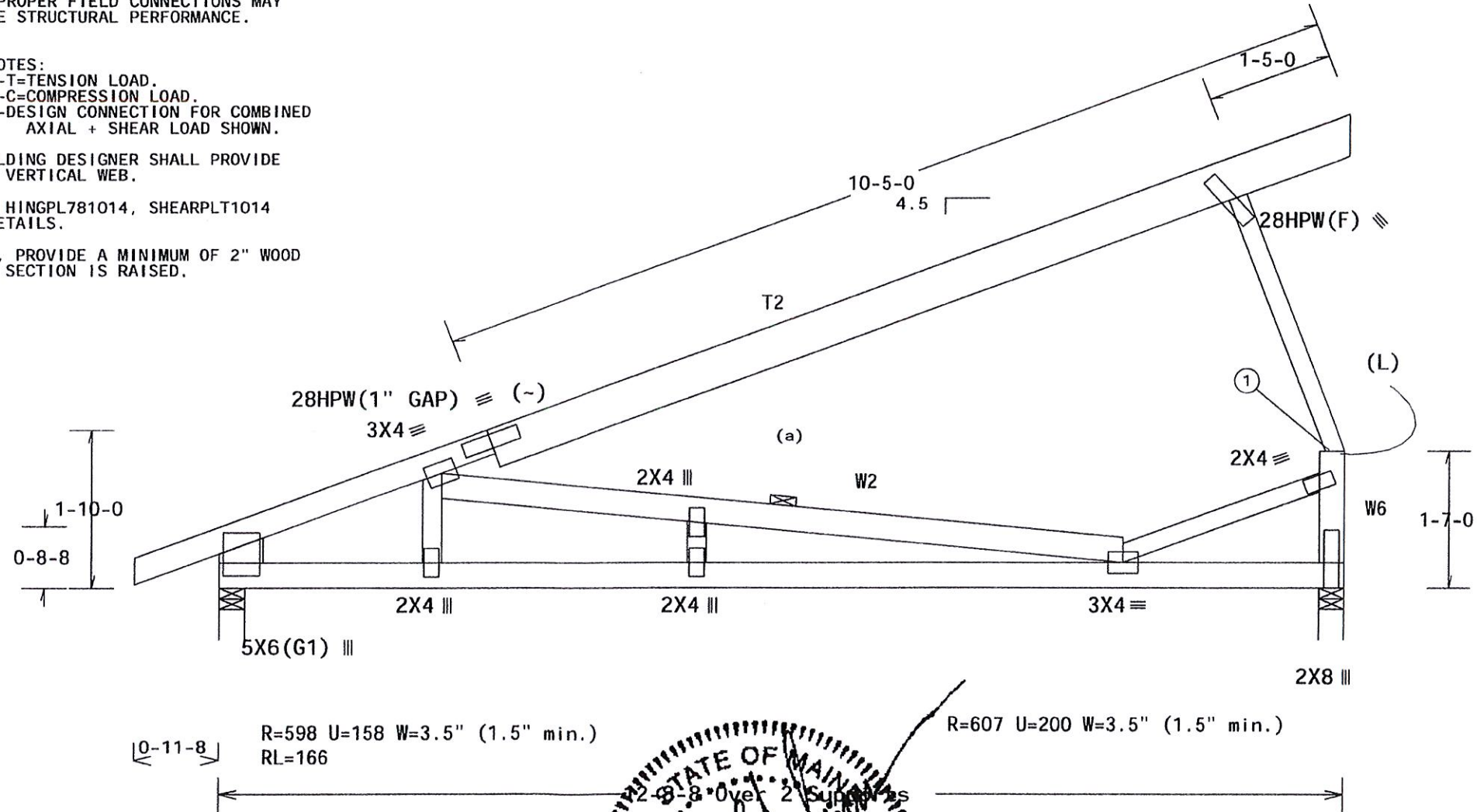
NOTES:  
 -T=TENSION LOAD.  
 -C=COMPRESSION LOAD.  
 -DESIGN CONNECTION FOR COMBINED AXIAL + SHEAR LOAD SHOWN.

(L) THE PROJECT ENGINEER OR BUILDING DESIGNER SHALL PROVIDE LATERAL STABILITY AT TOP OF VERTICAL WEB.

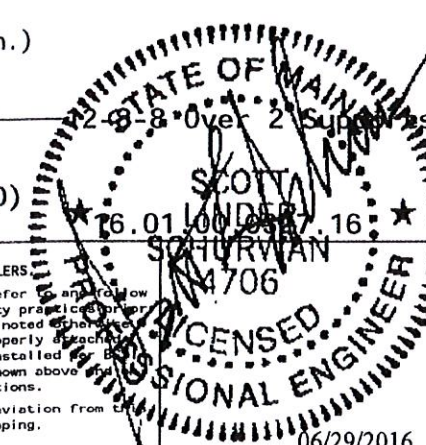
(-) REFER TO DRWG HINGPL161014, HINGPL781014, SHEARPLT1014 FOR HINGE AND SHEAR PLATE DETAILS.

(F) NO GAP AT HINGED CONNECTION, PROVIDE A MINIMUM OF 2" WOOD TO WOOD CONTACT WHEN HINGED SECTION IS RAISED.

T.R. ARNOLD & ASSOCIATES, INC. PO Box 1081 EDWARDS, IN 46515  
 State(s) MAINE  
 Accredited Evaluation and Inspection Agency  
 This document is certified as being in conformance with LISTED CODES  
 Jul 5, 2016  
 Approved By Karin White  
 Approval of this document does not authorize or approve any omission or deviation from the requirements of applicable State Laws.  
 TRA APPROVAL LIMITED TO FACTORY-BUILT MODULES ONLY.



Design Crit: IBC2009/TPI-2007 (STD)  
 FT/RT=5% (0%) / 5 (0)



PLT TYP. WAVE



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**\*\*WARNING!\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
**\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.**  
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed in sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above in the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.  
 Alpine, a division of ITW Building Components Group Inc, shall not be responsible for any deviation from the drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.  
 A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.  
 For more information see this job's general notes page and these web sites:  
 ALPINE: www.alpineitw.com; TPI: www.tpinet.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

Scale = .5"/Ft.

TC LL	38.5 PSF	REF R7554- 18982
TC DL	10.0 PSF	DATE 06/29/16
BC DL	10.0 PSF	DRW MOUSR7554 16181002
BC LL	0.0 PSF	MO-ENG DLD/SLS
TOT.LD.	58.5 PSF	SEQN- 10463 REV
DUR.FAC.	1.15	
SPACING	16.0"	JREF- 1VRY7554Z02