

UPDATE BULLETIN No.2

Issue Date: Nov 7, 2014

Re: Top Chord Bearing Joint Guidelines for Lumber on Flat

During the fall of 2013 and winter of 2014, the Truss Plate Institute of Canada (TPIC) and the Canadian Wood Truss Association (CWTA) funded a test program with The Alternative Village at the University of Manitoba to expand on the dimensional limitations of Table D.2 of TPIC 2011. The results of this test program were incorporated into Table E.2 of TPIC 2014 and include gaps up to 3 ½” and provisions for bearing on angled walls.

Based on this new testing, Table D.2 TPIC 2011, Table D.4.6.6.2 TPIC 2007 and Table D.4.6.6.2 TPIC 1996 may be replaced with Table E.2 TPIC 2014 as is applicable to the details shown in Figure E.2 TPIC 2014. In addition, when the provisions of Table E.2 TPIC 2014 are used and the gap dimension “A” is greater than ½”, the calculated deflections must be increased per the provisions of 6.6.5 TPIC 2014, using the loads and load combinations applicable to the specific TPIC standard being designed to.

The above provisions are applicable to designs based on TPIC 1996, TPIC 2007, TPIC 2011 and TPIC 2014.