

TRUSS PLATE INSTITUTE OF CANADA

ERRATA AND REVISIONS

Effective January 1, 2001

TPIC - 1996

**TRUSS DESIGN PROCEDURES AND
SPECIFICATIONS FOR LIGHT METAL PLATE
CONNECTED WOOD TRUSSES
Limit States Design**

The following revisions should be made:

Page Section

9 3.3.1 In Table 3.3.1, remove the asterisk in the Residential (Part 9) column and the accompanying note below the table.

10 4.1.2.1 Add a new clause (e) and rename the old (e) to (f) and old (f) to (g).
The new (e) should read:

(e) In the case of a reinforcing wedge, the second heel analogue point shall be located at the intersection of the centerline of the BC and, a vertical at 75% of the combined BC and wedge scarf lengths, from the first analogue point. This vertical may not be more than 610mm (24") away from the first analogue point.

11 4.1.2.8 Change this clause to read as follows:

Top Chord Bearing Joint: Except as in 4.1.2.9, the top chord bearing joint analogue is compound and consists of two points. The first point is the bearing point and it is the intersection of the centerline of the top chord with a vertical along the inside face of the bearing. The second point is the intersection of the centerline of the top chord with a vertical through the outside edge of any webs coming to the top chord at the bearing. The maximum distance allowed between these points is 13mm (1/2"). (See Fig. 4.1.2.8 and Appendix D).

20 Figure 4.1.2.8

Replace these drawings with the following:

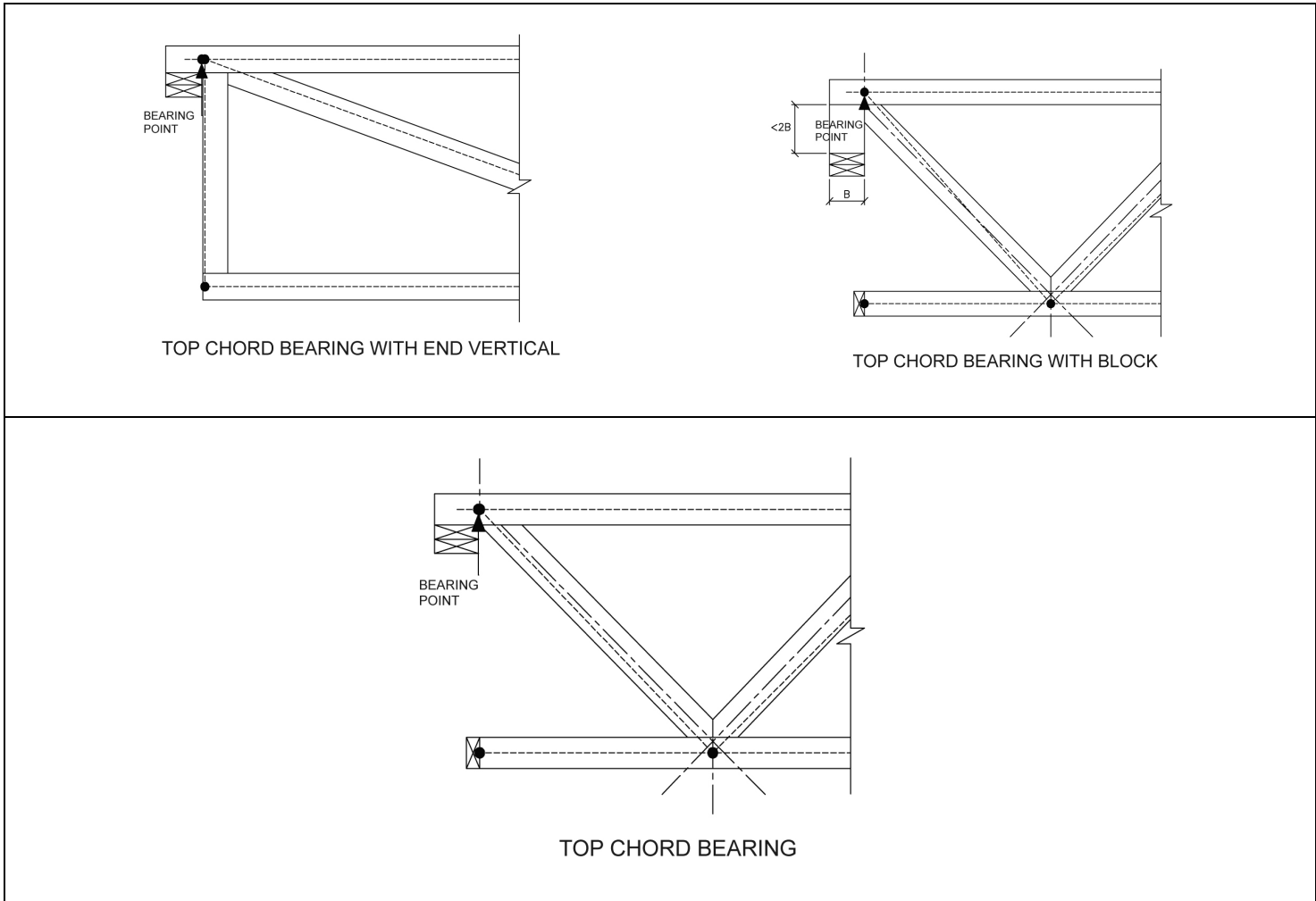


FIG. 4.1.2.8 TOP CHORD BEARING DETAILS

26 4.4.3 2) Add the following sentence to the Note.

K_e for a tension member should be taken as 1.0.

31 4.5.1 Figure 4.51 (4) Change this drawing with the following:

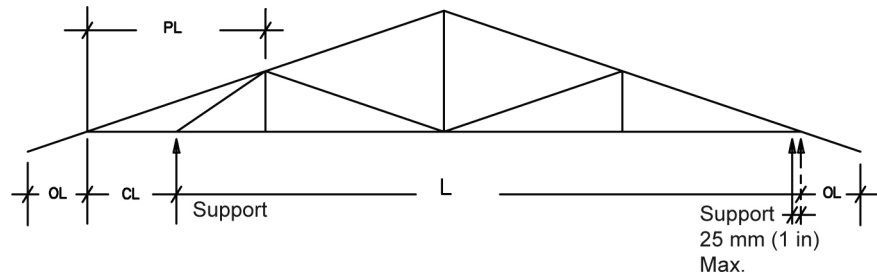


Figure 4.5.1.(4) Truss Deflection Lengths

32 4.5.1

Table 4.5.1.(4) Truss Deflection Limitations change as follows:
 In the column Application - Residential and row (a) Plaster/Gypsum ceiling the limit should read: $L/360$ not $L/36$.

36 5.1

Table 5.1.(7) Minimum Bite For Chords and Webs, mm (in)

Add under Note:

(3) An exception to the 38mm (1.5 in) minimum is in the case of a single web to through-chord joint for $0 < L < 12.5$ m ($0 < L < 41$ ft.) and for lumber sizes of 38x64 (2x3) to 38x140 (2X6) where 25 mm (1.0 in) wide, minimum 76 mm (3.0 in) long plates may be used.

38 5.3.3 (b) Formula for lateral resistance n'_u should read as follows:

$$n'_u = \frac{p'_u q'_u}{p'_u \sin^2 \theta + q'_u \cos^2 \theta}$$

39 5.4 (a) Formula for lateral slip resistance n_s should read as follows:

$$n_s = \frac{p_s q_s}{p_s \sin^2 \theta + p_s \cos^2 \theta}$$

(b) Formula for lateral slip resistance n'_s

$$n'_s = \frac{p'_s q'_s}{p'_s \sin^2 \theta + q'_s \cos^2 \theta}$$