

# Errata

Beam-Column Base Plate Design  
 Paper by RICHARD M. DRAKE and SHARON J. ELKIN  
 (1st Quarter, 1999)

On Page 35, revise Equations 44, 46, and 47 as follows:

$$f_p = \frac{T_u + P_u}{BY} \quad (44)$$

$$t_{p(req)} \geq 1.49c \sqrt{\frac{T_u + P_u}{BYF_y}} \quad (46)$$

$$t_{p(req)} \geq 2.11 \sqrt{\frac{(T_u + P_u) \left( m - \frac{Y}{2} \right)}{BF_y}} \quad (47)$$

On Page 36, bottom of the left column, revise the last two lines as follows:

$$t_{p(req)} = 2.11 \sqrt{\frac{(8.92K + 130K) \left( 5.24 \text{ in.} - \frac{2.27 \text{ in.}}{2} \right)}{(20.0 \text{ in.})(36 \text{ ksi})}} \quad (47)$$

= 1.88 in. *controls*

On Page 37:

In the left column, under Item 5, revise the solution of Equation 47 as follows:

$$t_{p(req)} = 2.11 \sqrt{\frac{(17.3K + 87.6K) \left( 5.24 \text{ in.} - \frac{2.27 \text{ in.}}{2} \right)}{(20.0 \text{ in.})(36 \text{ ksi})}} \quad (47)$$

= 1.35 in. *controls*

In the left column, under Item 6, 4<sup>th</sup> and 8<sup>th</sup> lines, revise the base plate size as follows:

Line 4: Select: Base Plate 1 3/8 × 14 × 1'-2

Line 8: Select: Base Plate 1 3/8 × 14 × 1'-2