

# REVISIONS AND ERRATA LIST

4

$$M_1 = \frac{P_u (1.2 - n) (1.00 - n)}{4}$$

	A
$\text{Lever arm} = \frac{1.25 \text{ in.} + (0.500 \text{ in.}/2)}{2}$ $= 0.750 \text{ in.}$	$\text{Lever arm} = \frac{1.00 \text{ in.} + (0.500 \text{ in.}/2)}{2}$ $= 0.625 \text{ in.}$
$M_1 = \frac{36.8 \text{ kips}(0.750 \text{ in.})}{4}$ $= 6.90 \text{ kip-in.}$	$M_1 = \frac{23.0 \text{ kips}(0.625 \text{ in.})}{4}$ $= 3.59 \text{ kip-in.}$

4

	A
$f_{tb} = \frac{6.90 \text{ kip-in.}}{0.237 \text{ in.}^3}$ $= 29.1 \text{ ksi}$	$f_{tb} = \frac{3.59 \text{ kip-in.}}{0.237 \text{ in.}^3}$ $= 15.1 \text{ ksi}$

	A
$f_{ta} = \frac{P_u}{A}$ $= \frac{69.8 \text{ kips}}{4(0.994 \text{ in.}^2)}$ $= 17.6 \text{ ksi}$	
$f_t = 2.1 f_{ta} + 1.4 f_{tb}$ $= 4.1 f_{ta} + 1.9 f_{tb}$	
$F_{nt} = 0.75 F_u$ $= (0.75)(58 \text{ ksi})$ $= 43.5 \text{ ksi}$	
$F_{nv} = 0.4 F_u$ $= (0.4)(58 \text{ ksi})$ $= 23.2 \text{ ksi}$	





3

m . . . 2

In . . . f . . . mn, . . . #3, . . . n . . . r . . .
