

ALSO CHECK TOP LIFT ANCHORS IN TENSION USING

PCI FIGURE 6.15.7A, CASE 3 (ATTACHED)

$$\begin{aligned}\phi P_c &= \phi 2.67 \lambda \sqrt{f'_c} (k_1) (b_s + 2l_e) \\ &= (0.85)(2.67)(1.0)(3500)^{0.5}(15'')(0 + 2(6\frac{3}{4} + \frac{7}{16}))}{1000} \\ &= 29.0k\end{aligned}$$

$$F_{en\ SWL(4:1\ S.F.)} = \frac{29.0k}{4} = 7.2k$$

HOWEVER, LIFT ANCHORS

CAPACITY IS LIMITED

TO 4.0k > 2.3k