

ALSO CHECK TOP LIFT ANCHORS IN TENSION USING
PCI FIGURE 6.15.7A, CASE 3 (ATTACHED)

$$\begin{aligned}\phi P_c &= \phi 2.67 \lambda \sqrt{f'_c} (k_1) (b_1 + 2l_e) \\ &= (0.85)(2.67)(1.0)(3500)^{0.5} (15") (0 + 2(6\frac{3}{4} + \frac{7}{16})) \\ &= 29.0k\end{aligned}$$

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

HOWEVER, LIFT ANCHORS
CAPACITY IS LIMITED
TO 4.0k > 2.3k