



NOTE: TO LOC LIFT LOOPS TO BE SUCH THAT A LEVEL PICK OFF BE MADE

IF LIFTERS ARE LOCATED AS SHOWN

$$R_1 \times (9.0 + 10.79) = 113.92 \times 9.0$$

$$R_1 = 51.80^K$$

$$R_2 = 113.92 - 51.80 = 62.11^K$$

THERE ARE (2) LIFT LOOPS @  $R_2$ , COVERING LOCATION

$$\text{LONG/LIFT LOOP} = \frac{62.11^K}{2} = 31.06^K$$

FROM ATTACHED PRODUCT LITERATURE, TABLE 5.2.3

USE (4) 0.600"  $\phi$  STRAIN LIFT LOOP, MIN EMBEDMENT 5'-6"

$$SWL (4:1 S.F.) = 1.1 \times 41 = 45.1^K > 31.06^K, \text{ O.K.}$$

ALSO CHECK USING PCI FIGURE 6.157A CASE 6, ATTACHED

$$\phi P_c = 0.85 \times 2.67 \times \sqrt{3500} (48) (58.15) / 1000 = 377.0^K$$

FOR 4:1 S.F.

$$SWL = \frac{377}{4} = 94.2^K > 62.11^K, \text{ O.K.}$$