



$$A = 225 \times \cos \Theta = \underline{\hspace{2cm}}$$

$$B = \frac{1}{2}L + 100 = \underline{\hspace{2cm}} \quad \text{ROUND UP TO AN INCREMENT OF 75}$$

$$\text{CAP WIDTH} = (A + B) \times 2 = \underline{\hspace{2cm}} \text{ USE } \underline{\hspace{2cm}}$$

$$\text{ACTUAL B} = \frac{1}{2}\text{CAP WIDTH} - A = \underline{\hspace{2cm}}$$

⊗ USE 150 FOR
PIER BELOW
EXP. JOINT.

**BOX BEAM: PIER CAP SIZING AND
BEARING LAYOUT**
Figure 63-16S