



$$A = 225 \cos \Theta$$

$$B = 0.5 (L + W \tan \Theta) + 100 \text{ sec}$$

$$C = B \cos \Theta$$

$$\text{CAP WIDTH} = 2AC$$

$$\text{ACTUAL } C = 1/2 \text{ CAP WIDTH} - A$$

* USE FOR SIZING CAP ONLY. ROUND UP TO AN INCREMENT OF 75

⊗ USE 150 FOR PIER BELOW EXPANSION JOINT.

I BEAM: PIER CAP SIZING AND BEARING LAYOUT DETAILS

Figure 63-16 F