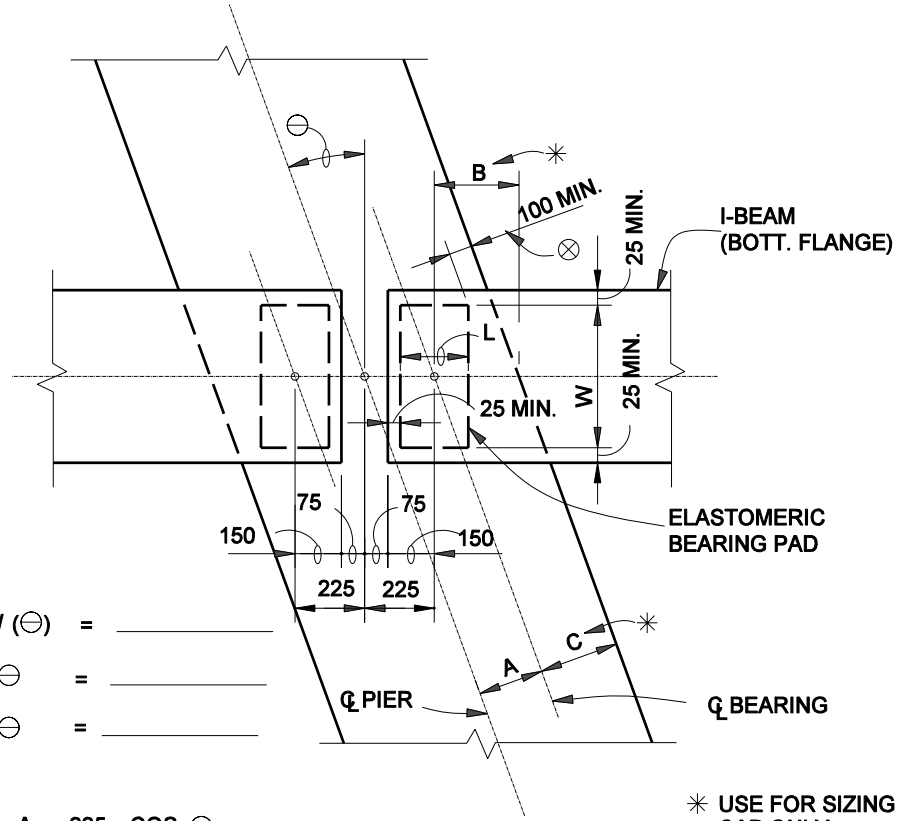

SKEW (⊖) = _____

COS ⊖ = _____

TAN ⊖ = _____

✳ USE FOR SIZING CAP ONLY.

A = 225 x COS ⊖ = _____

B = ½L =
½W x TAN ⊖ =
⊗ 100 ÷ COS ⊖ =
} _____ ✳

C = B x COS ⊖ = _____ ✳

ROUND UP TO AN INCREMENT OF 75

CAP WIDTH = (A + C) x 2 = _____ USE _____

ACTUAL C = ½ CAP WIDTH - A = _____

⊗ USE 150 FOR PIER BELOW EXP. JOINT.

I BEAM: PIER CAP SIZING AND BEARING LAYOUT DETAILS

Figure 63-16 P