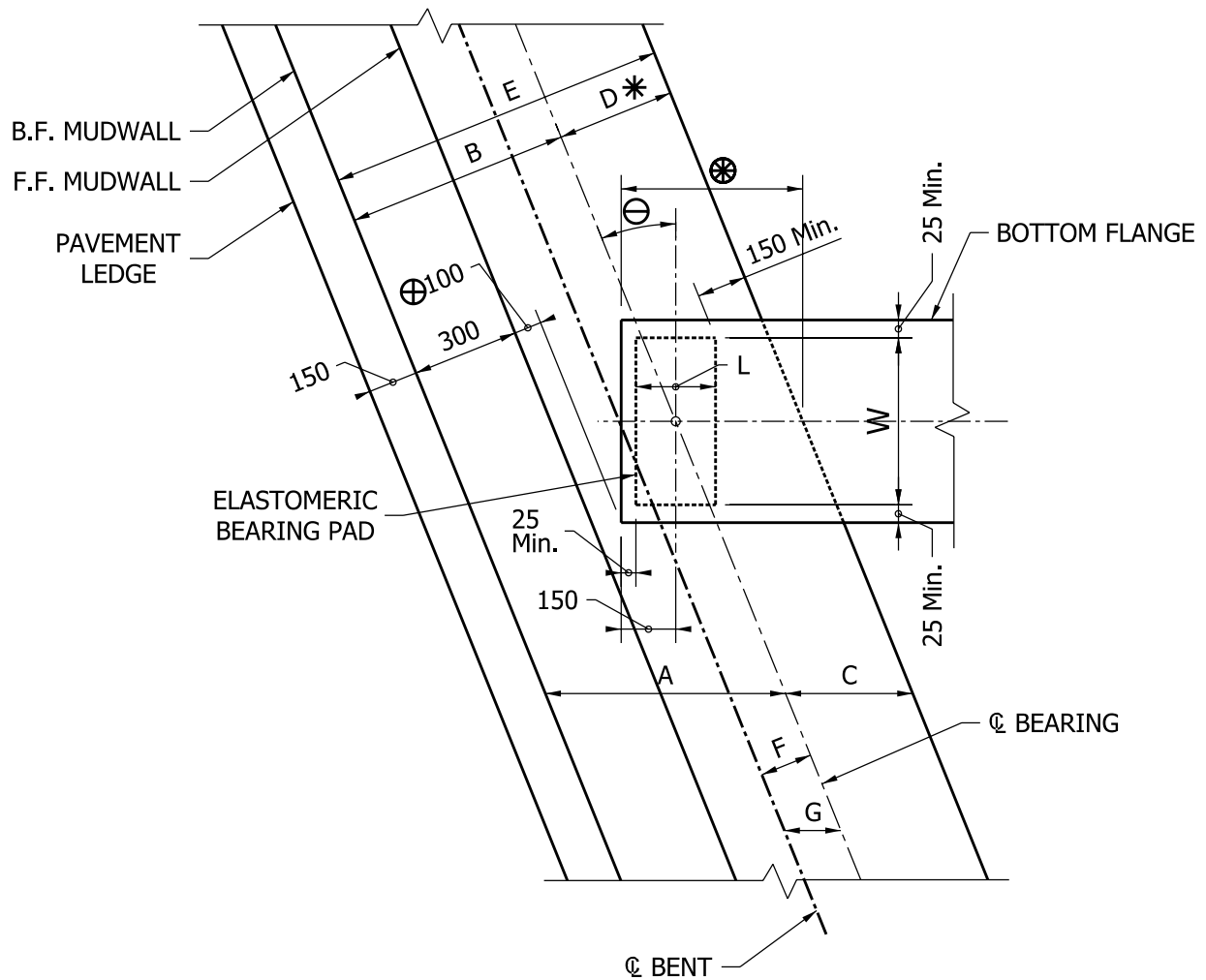




$$A = 400 \sec \Theta + 25 + 0.5 (L + W \tan \Theta)$$

$$B = A \cos \Theta$$

$$C = 0.5 (L + W \tan \Theta) + 150 \sec \Theta$$

$$D = C \cos \Theta$$

$$E = B + D$$

$$\text{ACTUAL } D = E - B$$

$$F = B - (0.5E)$$

$$G = F \sec \Theta$$

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

⊗ CHECK SEISMIC MINIMUM SUPPORT LENGTH FOR EXPANSION BENT.

⊕ THIS DIMENSION SHOULD BE INCREASED FOR LARGE EXPANSION LENGTH.

I-BEAM: END BENT CAP SIZING AND BEARING LAYOUT DETAILS

Figure 63-16E