

$$Z_1 = 19 \text{ mm} \times \sin(17.5^\circ) = 63.1847 \text{ mm}$$

$$BL_1 = 19 \text{ mm} / \tan(17.5) = 60.2603 \text{ mm}$$

$$BL_2 = 19 \text{ mm} \times \tan(10) = 3.3502 \text{ mm}$$

$$BL_{1+2} = 60.2603 + 3.3502 = 63.6105$$

$$BL_H = 240.3856 \text{ mm}$$

$$BL_3 = BL_H - BL_{1+2} = 240.3856 - 63.6105 = 176.7751 \text{ mm}$$

$$X_1 = BL_3 \times \tan(17.5) = 55.737 \text{ mm}$$

$$Z_2 = BL_3 \times \cos(17.5^\circ) = 179.7192 \text{ mm}$$

$$Z_{\text{off}} = Z_1 + Z_2 = 63.1847 \text{ mm} + 179.7192 \text{ mm} = 242.904 \text{ mm}$$

$$X_{\text{off}} = X_1 \times \cos(17.5) = 53.157 \text{ mm}$$

