

$A_B = 627,200 \text{ mm}^2$
 $I_B = 237,510 \times 10^6 \text{ mm}^4$
 $ST_B = 306,269 \times 10^3 \text{ mm}^3$
 $S_{BB} = 263,751 \times 10^3 \text{ mm}^3$
 $Y_{TB} = 775.5 \text{ mm}$
 $Y_{BB} = 900.5 \text{ mm}$
 $W_t = 14.80 \text{ kN/m}$

Technical drawing of a reinforced concrete pile cap. The drawing shows a cross-section of the cap with various dimensions and reinforcement details.

Dimensions:

- Overall width: 1220
- Overall height: 1676
- Top flange width: 75 (left), 435 (middle), 75 (right)
- Top flange height: 125
- Web width: 178
- Web height: 965
- Bottom flange width: 93 (left), 636 (middle), 93 (right)
- Bottom flange height: 50
- Reinforcement spacing: 7 @ 50 = 350

Reinforcement Details:

- Top flange: 12 ϕ STRAND, 1302 Cl., 1303
- Web: 12 ϕ STRAND, 1301
- Bottom flange: 12 ϕ STRAND, 9 @ 50 = 450
- Reinforcement spacing: 7 @ 50 = 350

Notes:

- 2 EQ. SPA.
- NOTE: BARS 25 CLEAR UNLESS NOTED.

BULB - TEE BEAM
TYPE BT 1676x1220
Figure 63-14E