

$A_B = 654,500 \text{ mm}^2$
 $I_B = 296,015 \times 10^6 \text{ mm}^4$
 $S_{TB} = 348,194 \times 10^3 \text{ mm}^3$
 $S_{BB} = 302,410 \times 10^3 \text{ mm}^3$
 $Y_{TB} = 850.1 \text{ mm}$
 $Y_{BB} = 978.9 \text{ mm}$
 $W_t = 15.45 \text{ kN/m}$

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: 1829
- Top flange width: 75 (left), 435 (middle), 75 (right)
- Top flange thickness: 125
- Top flange height: 76, 76, 127 (from top edge)
- Top flange reinforcement: 1302 Cl. (left), 1303 (right)
- Top flange reinforcement: 12 ϕ STRAND (center)
- Top flange reinforcement: #19 (right)
- Top flange reinforcement: 27 (right)
- Top flange reinforcement: 125 (right)
- Top flange reinforcement: 50 (right)
- Top flange reinforcement: 1301 (right)
- Top flange reinforcement: 178 (center)
- Top flange reinforcement: 76 (left), 76 (right)
- Top flange reinforcement: 445 (left), 445 (right)
- Top flange reinforcement: 25 (left)
- Top flange reinforcement: 3 EQ. SPA. (left)
- Top flange reinforcement: 1118 (left)
- Top flange reinforcement: 203 (left)
- Top flange reinforcement: 229 (left), 229 (right)
- Top flange reinforcement: 125 (left)
- Top flange reinforcement: 28 Cl. (center)
- Top flange reinforcement: 1001 (e.f.) (center)
- Top flange reinforcement: 7 @ 50 = 350 (center)
- Top flange reinforcement: 50 (center)
- Top flange reinforcement: 93 (left), 93 (right)
- Top flange reinforcement: 636 (center)
- Top flange reinforcement: 9 @ 50 = 450 (center)
- Top flange reinforcement: 12 ϕ STRAND (center)

Reinforcement Details:

- 1302 Cl. (left)
- 1303 (right)
- 12 ϕ STRAND (center)
- #19 (right)
- 1301 (right)
- 178 (center)
- 76 (left), 76 (right)
- 445 (left), 445 (right)
- 25 (left)
- 3 EQ. SPA. (left)
- 1118 (left)
- 203 (left)
- 229 (left), 229 (right)
- 125 (left)
- 28 Cl. (center)
- 1001 (e.f.) (center)
- 7 @ 50 = 350 (center)
- 50 (center)
- 93 (left), 93 (right)
- 636 (center)
- 9 @ 50 = 450 (center)
- 12 ϕ STRAND (center)

NOTE: BARS 25 CLEAR UNLESS NOTED.

BULB - TEE BEAM
TYPE BT 1829x1220
Figure 63-14G