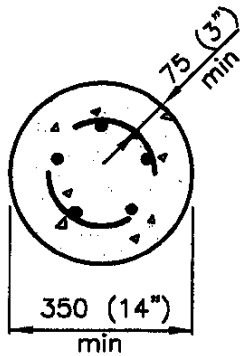


SQUARE CONCRETE PILE

Minimum Reinforcing:

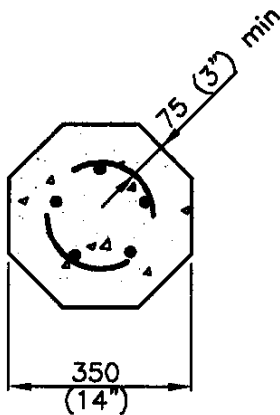
4 prestressed strands, 13 mm (1/2") dia 1.2 MN (270 kip), with #16M (#5) ties at 225 mm (9") pitch



ROUND CONCRETE PILE

Minimum Reinforcing:

5 prestressed strands, 13 mm (1/2") dia 1.2 MN (270 kip), with #16M (#5) ties at 225 mm (9") pitch



OCTAGONAL CONCRETE PILE

Minimum Reinforcing:

5 prestressed strands, 13 mm (1/2") dia 1.2 MN (270 kip), with #16M (#5) ties at 225 mm (9") pitch

NOTES:

1. All piles shall be precast and prestressed.
2. Additional tie reinforcing shall be provided near ends of piles. Prestressed piles shall have $f'_c = 35 \text{ MPa}$ (5000 psi) minimum. Piles shall be designed by an engineer licensed in the State of California.

All dimensions are millimeters except as noted.

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		METRIC
1	12/23/02	PRECAST PILES	806
2			
3			SHEET
4			1 OF 1
APPROVED BY: <i>Mark Chittell</i>		DATE: <i>1/10/03</i>	
CITY ENGINEER R.E. No. 40599		EX. DATE: <i>03/31/03</i>	