ELEVATION
90 kip and 140 kip
DESIGN CAPACITY

* @ 2" at option of contractor
** Extend at 2" pitch to top of anchor piles and load test piles.
For longitudinal reinforcement for anchor piles and load test piles,
see "Load Test Pile Details (2)" Standard Plan B2-10.

ELEVATION
200 kip
DESIGN CAPACITY

NOTES:
1. Reinforcement extending into footing shall be hooked as required
to provide clearance to top of footing.
2. Lapped splices in spiral pile reinforcement shall be lapped at least
80 wire/bar diameters. Spiral pile reinforcement at splices and at ends
shall be terminated with a 135° hook with a 6" tail hooked around
a longitudinal bar.
3. Piles shall be extended only in accordance with details shown in the
Project Plans.

DESIGN NOTES:
REINFORCED CONCRETE
fy = 60,000 psi
cf = 4,000 psi

DESIGN CAPACITY

90 kip and 140 kip PILE

COMPRESSION:
140 kip (Service state)
280 kip (Nominal axial structural resistance)

TENSION:
56 kip (Service state)
140 kip (Nominal axial structural resistance)

200 kip PILE

COMPRESSIONS:
200 kip (Service state)
400 kip (Nominal axial structural resistance)

TENSION:
80 kip (Service state)
200 kip (Nominal axial structural resistance)