



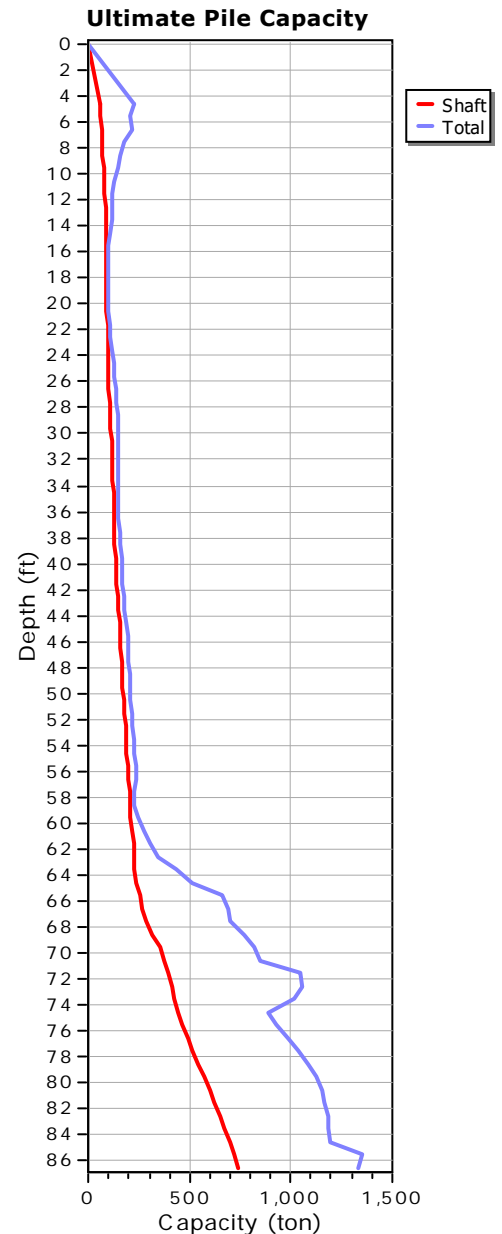
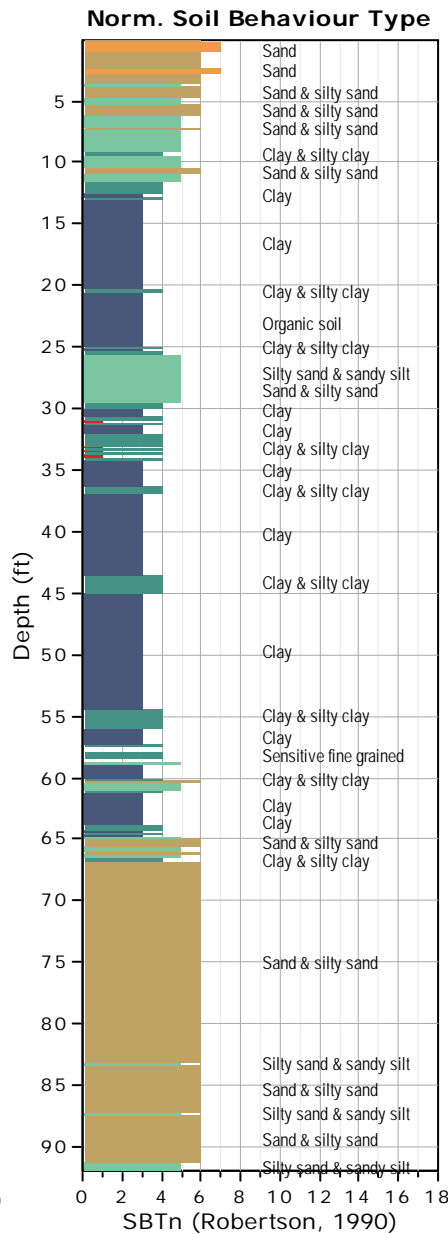
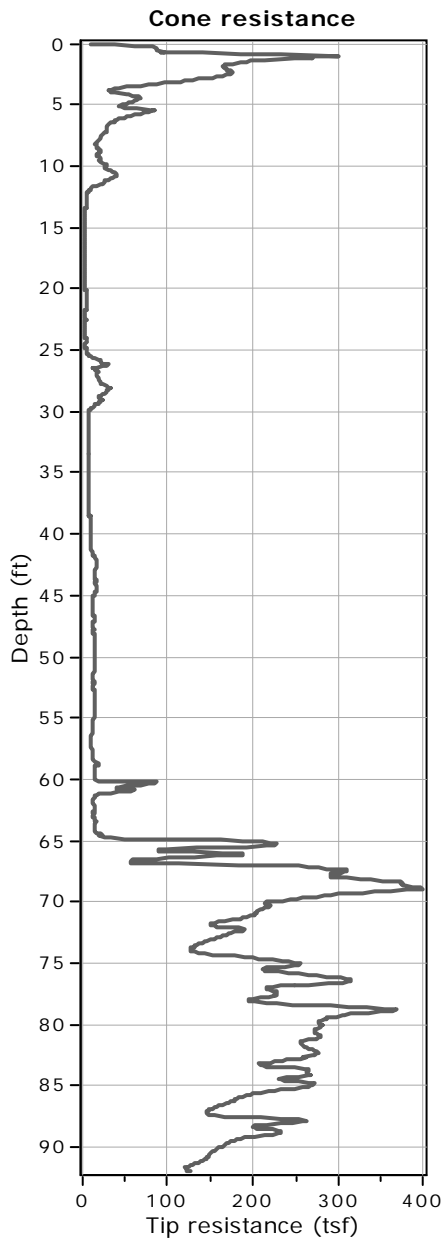
Project: North Hill Ofc Tower IV

Location:

Pile properties

Shaft diameter: 3.00 ft
 Tip diameter: 3.00 ft
 Unit friction area: 9.425 ft²
 Tip area: 7.069 ft²

Pile shaft Group: Group IA
 Pile tip Group: Group I
 Pile shaft FOS: 1.00
 Pile tip FOS: 1.00



Pile group for bearing capacity factor k_c

- Group I: plain bored piles; mud bored piles; micro piles (grouted under low pressure); cased bored piles; hollow bored piles; piers; barrettes
- Group II: cast screwed piles; driven precast piles; prestressed tubular piles; driven cast piles; jacked metal piles; micropiles (small diameter piles grouted under high pressure with diameter < 250 mm); driven grouted piles (low pressure grouting); driven metal piles; driven rammed piles; jacket concrete piles; high pressure grouted piles of large diameter

Pile group for friction coefficient alpha

- Group IA: plain bored piles; mud bored piles; hollow auger bored piles; micro piles (grouted under low pressure); cast screwed piles; piers; barrettes
- Group IB: cased bored piles; driven cast piles
- Group IIA: driven precast piles; prestresses tubular piles; jacket concrete piles