How to calculate the weight of a concrete pile.

Basic Formula - Area X Length X 160 lb/cu ft = weight in lbs

Circular Pile - Rare
Wt (lbs) = (DIA)^2 x 0.87 x Length (in feet)

Octagonal Pile
Wt (lbs) = (DIA)^2 x 0.92 x Length (in feet)

Square Pile
Wt (lbs) = (WIDTH)^2 x 1.11 x Length (in feet)

or take your data and enter it into one of the above formulas according to pile type.

If you have any questions, please feel free to contact APE.