

Bell Case PILE REQ

Water

$$171000 \text{ Gallons} @ 8.34 \text{ lb/gal} = 684 \text{ tons}$$

CONC.

$$6500 \text{ SF (FLOOR)} + 1600 \text{ SF WALLS} = 8,100 \text{ SF} \times 4 \frac{1}{2} \\ = 6075 \text{ CF} + (400 \text{ FT} \times 1 \text{ CF} = 400 \text{ CF}) \text{ BEAMS} = 6500 \text{ CF} \\ \times 110 = 715,000 \text{ lbs} = 357 \text{ tons}$$

$$\text{Total WT} = 1,041 \text{ TONS}$$

① PILE Capacity = 10 TON

USE 104 PILES