



RAFFIN

CONSTRUCTION CO.

QUALITY CONSTRUCTION
SINCE 1916

PROJECT PROFILE:

SILO PILE CAP

Construction of a 106' diameter by 4'-0" deep pile cap for a 36,000 ton capacity cement silo supported by 100 ton steel piles.



PROBLEM

In order to meet a tight construction schedule the slip form contractor had to begin forming the silo within two weeks of the job mobilization date. Quick construction of the pile cap was necessary in order to meet the construction schedule.



SOLUTION

Raffin Construction Co. was brought in to procure the reinforcing steel and construct the pile cap within this 14 day period. During the 6 days of actual construction time we placed: 85 tons of steel reinforcing, 750 pieces of rebar dowels in intricate patterns within 1/4" tolerances, sewer, water and electrical systems, and formed the foundation and on the sixth day placed 1,400 cubic yards of concrete.

