RAFFIN CONSTRUCTION CO.

Quality Construction Since 1916

Project Profile:

Chemical Distribution

As part of a rebuild of a chemical distribution facility, Raffin Construction was contracted to construct the concrete building foundations, containment slabs, and site pavement.

Over the course of the project Raffin placed 100 tons of rebar, 1,245 CY of fiber-reinforced concrete, 1,575 CY of regular concrete and 1,400 CY of Type K concrete. The job, which ran from November through the summer of the following year, required wet curing during the winter months. The project was completed ahead of schedule.

- Design & construction of the foundations for 2 pre-engineered buildings
- Construction of 8 containment slabs, totaling 36,000 SF, which consisted of a plastic liner placed at frost level, pea gravel backfill, a 3 inch mudslab, 2 layers of reinforcement, and the 12 inch thick containment slab. The slabs were poured with a 6 inch tall integrated curb using a non-shrink type K concrete which required 7 days of continuous wet curing
- Installation of 85 pipe rack foundations
- Placement of 65,000 SF of fiber-reinforced pavement for which Raffin determined, in the field, the required elevations to achieve proper storm water drainage.