

Maximo Marina Project

POLY FOAM CHEMICAL GROUT PROJECT

Project

Maximo Marina is a marina located in St. Petersburg, Florida. The structure is comprised of a one-story commercial office building with amenities located on the water. Ground improvement utilizing one-part and two-part poly foam chemical grout were specified to support the building loads.

Challenge

Environmentally friendly poly foam chemical grouting needed due to proximity to water.



Solution

The chemical grout plan was designed to meet the design load criteria. Helicon's chemical grout crew worked over a 3 day period to complete this project. Efficient planning & coordination was key to overcoming any challenges and limitations. 25 ± gallons of one part permeation grout injected into a total of thirty-five (35) grout points along the interior perimeter of the west end of the structure. A total of 2,451.3 ± pounds of two-part chemical grout were injected into a total of thirty-eight (38) points in the interior of the west end of the structure. The project was finished on-time and within budget.

Owner: Maximo Marina

Engineer: Award Engineering

Market: Commercial

Solution: Ground Improvement

Services: Poly Foam Chemical Grout