

Inlet Bay Apartments Project

POLY FOAM GROUND IMPROVEMENT PROJECT

Project

The project is a luxury apartment complex pool deck in need of soil stabilization and ground improvement.

Challenge

- Soil conditions with large voids underneath pool deck



Solution

The voids underneath the pool deck were discovered when the apartment complex owners replaced a wood deck that was attached to the brick paver pool deck. When the old wood deck was removed, the voids were obviously a hazard, that is when Helicon was contacted to remedy the situation. The poly foam was injected underneath the pool deck to fill large voids that could have compromised the integrity of the entire pool deck.

Over 1,200 lbs of poly foam was injected underneath the pool deck during the course of this project. The poly foam was documented to have sufficient uplift resistance capacity and provides the necessary support for the pool deck area. All work was completed in a timely manner and the apartment complex owners were able to continue building their attached wood deck immediately thereafter.

Client: UDR Inc.

Market: Commercial

Solution: Ground Improvement

Services: Poly Foam