

## **DIALYSIS CLINIC**

HELICAL PILES · PRESSURE GROUTING · SLABJACKING





## PROJECT DESCRIPTION:

Project Date: September 2007

Project Name: Dialysis Clinic

Project Location: Birmingham, Alabama

General Contractor: Bhate Geotechnical Consultants

Magnum Installer: Dwyer Companies

**Project Description:** 

by Bhate Geotechnical Consultants to provide an alternative stabilization plan to an existing 10,000 ft2 office building in Birmingham. The slab was unsuccessfully pressure grouted by two local firms in 2001 and 2005. During those times the owner was unfamiliar with the helical pier technology and chose pressure grouting as their only option. After Dwyer and Bhate representatives assessed the previous repairs, it was determined that both the slab and foundation system were settling due to unconsolidated fill material beneath the previous area of repair. Dwyer Companies was selected by the property owner to install the Magnum Helical anchor system. This engineered helical pile system was attractive to the owners because of its ability to penetrate unstable fill soils and develop the design requirement of 24 kips of ultimate capacity for stabilization. Another advantage of using helical piles was the sites limited access, which required all machinery to fit through a standard 33" man door. The entire project was completed over two weekends, which allowed the tenants to work without any dis-

ruptions during normal business

Dwyer Companies was contacted











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