



New Construction Helical Piles

Tallahassee, FL: Stone Bridge Condominiums

www.driveritepiers.com



Installation of Drive Rite 26000 Series New Construction Piles

Scope of Work:

Pre Construction Piles for Condominiums

General Contractor:

Benchmark Construction

Foundation Contractor:

Alpha Foundation Repair Specialists

Alpha Foundation Specialists was contacted by the Stone Bridge Condominium development to review the building design and soil reports for a new phase of condominiums to be constructed. The soil reports indicated a layer of expansive clay ranging between three and eight feet from the surface. It was determined that the Drive Rite 2-7/8" Schedule 80 new construction piers would satisfy the torque requirement of 8,000 foot-pounds.

The condominium project also had limited access since the first phase of the project was complete and residents were present. There was a need for low-impact, maneuverable equipment able to install the new-construction piles. Additionally, the amount of noise created during the installation had to be

minimized to avoid disturbance to residents.

The Drive Rite Piering System has many advantages over each of these applications. The equipment needed to install the Drive Rite Helical Piers is free of potentially damaging vibrations making installation relatively quiet compared to other underpinning systems.

The selection of Alpha Foundation Specialists allowed the condominium development the best of all worlds since low impact machinery was used to install the piles. The piles were installed without invasive noise and vibrations and current residents were undisturbed by the construction process.

In addition to the limited access, noise, and vibratory damage con-



Placement of Helical Piles

cerns, Stone Bridge Condominiums was under a tremendous time constraint as weather and other circumstances had pushed development back by 60 days. The Drive Rite Piering System and Alpha Foundation Specialists were quick to respond and installed 72 piles to depths ranging from 10 to 18 feet. The piles were installed to a torque rating of 8,000 foot-pounds and the project was completed in two days.

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