



INTEGRAL CONSULTANTS

for Buildings & Business

"WE OFFER PEACE OF MIND THROUGH KNOWLEDGE AND EXPERTISE"

NEWSLETTER

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SEPTEMBER, 2008

You are receiving this e-newsletter as a result of being a registered user of Ram Jack® Foundation Solutions software, a registered user of the Ram Jack® Engineering website, or having attended a Ram Jack® Foundations Solutions workshop. If you do not wish to receive future e-newsletters, please notify Kara McDaniel at kmcdaniel@ramjack.com.



Case Study: Vineyard-Church of Columbus Westerville, OH

Situation:

The Vineyard project was behind schedule due to site prep work and relocating a 24" diameter storm drain. RAM JACK® was able to get the project back on track by installing 30 to 35 piles per day.

Solution:

- 221 piles required on addition
- 150 kip ultimate capacity piles
- Required 4 1/2" diameter shaft with triple 8"-10"-12" helixes
- Minimum 20,500 ft-lb installation torque

1. New construction helical piles being installed. Torque is a direct correlation to capacity. Therefore, the installation torque is carefully monitored and recorded.
2. After the piles are driven deep into the ground, the tops of each are cut off so that it is embedded a minimum of 4" into the grade beam. A bearing plate bracket is then placed on top of the pile.
3. RAM JACK® patented piles embedded deep into the ground and foundation system provide the absolute best support for placing concrete foundations.
4. Finished product! Each RAM JACK® Pre-Construction Pile is hydraulically torqued deep into the ground. Our patented helical pile provided both strength and stability that is unrivaled in the industry.



ECO-FRIENDLY

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