

# BROOKINGS SCHOOL

NEW CONSTRUCTION DEEP FOUNDATIONS USING HELICAL PILES

## HELICAL PILES

### PROJECT DESCRIPTION:

Project Date: July 2011

Project Name: Brookings School

Project Location: Springfield, MA

Engineer of Record: Magnum-Geo Solutions

Manufacturer: ModSpace

General Contractor: Hunter Modular

Owner: City of Springfield

The tornadoes in Spring of 2011 that severely impacted Springfield, MA left the Brookings School closed until rebuilding/ repair was completed.

- Temporary buildings were needed to make sure school started as normal in August of 2011.
- The decision was made to install single and 2 story modular classrooms supported on Concrete Piers. Due to heavy ground water, soft soils and rain, production & installation was slow at best.
- Dwyer was brought in to redesign the foundation using large diameter helical piles. Dwyer installed 40-45 20 foot piles per day and completed the project in 7 days. Dwyer was successful in getting the project back on track and completed installation ahead of schedule.



HELICAL PIERS



PIPE PILES



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