



NEW SCHOOL PROJECT

Innovative Piering, LLC was contracted to furnish and install the micropiles required to support grade beams for the new Martin County High School.

Project: MCHS #11043

Architect: Ross Tarrant Architects

Structural Engineer: Brown & Kubican

Geotechnical Engineer: S&ME

General Contractor: Frederick & May Construction

Location: Inez, Kentucky

Martin County Schools contracted for site work and new construction of an educational facility in Inez, KY. The project called for the construction of a 120,000-sq. ft., two-story above grade educational facility.

Innovative Piering was contracted to furnish and install 68 micropiles to support foundation grade beams along the southern perimeter. Before production piles, we installed a single pre-production micropile to be tested to ensure the 80-kip ultimate load would be achieved by the designed micropiles.

Rock soundings were completed showing variable depths of the competent rock layer ranging from 6-1/2' to 15' depths. A 4-1/2" OD micropile with a Gr. 75 All-Thread #10 Bar was specified with a minimum embedment depth of 16' into the competent rock layer. The drilled depths of the micropiles ranged from 19-1/2' to 31-1/2'.

Once all micropiles were installed, the general contractor was able to come in and pour their grade beams to begin the foundation construction for the entire project.

