



Community North Hospital Patient Wing Addition and Medical Office Building

Indianapolis, Indiana

The Geopier GP3® system was selected in lieu of deep foundations to provide a bearing capacity up to 6,500 psf

Description: This project was foundation support for a 6-story patient wing addition and 6-story medical office building. Column loads were up to 1500 kips and uplift loads on the order of 250 kips.

Subsurface Conditions: The subsurface conditions consisted of medium stiff to stiff silty clay with sand lenses.

Geopier Solution: The Geopier GP3® system was selected in lieu of deep foundations to provide a bearing capacity up to 6,500 psf. The Intermediate Foundation® was also used to resist uplift loads. A total of 280 Rammed Aggregate Pier® elements were constructed and installed to the depth of 14 feet below existing grade.



PROJECT TEAM

Owner:

Community Hospital

Geotechnical Engineer:

PSI

Structural Engineer:

BSA Life Structures

General Contractor:

Summit Construction

Geopier Installer:

Peterson Contractors, Inc.

Geopier Designer:

GFC-Great Lakes