



Aberdeen Proving Ground

Aberdeen, Maryland

The Geopier® System provided Value Engineering with the uplift Rammed Aggregate Pier® (RAP) elements in lieu of overly thick footings

Description: This project was the construction of a State-of-the-art research and technology campus at the Aberdeen Proving Ground.

Subsurface Conditions: Subsurface conditions consisted of organic material.

Geopier Solution: The Geopier GP3® system was installed as the ground improvement support solution for eight of the nine buildings on this \$477 million project. The Intermediate Technology® provided Value Engineering to the design-build team by using uplift Rammed Aggregate Pier® (RAP) elements in lieu of overly thick footings. The RAP elements allowed for fast-track design changes during construction. Over 5,000 RAP elements were installed for footing and slab support.



PROJECT TEAM

Owner:

US Army Corps of Engineers

Geotechnical Engineer:

URS

Structural Engineer:

Weidlinger Associates

General Contractor:

Grunley, Tompkins, Turner, Kinsley JV

Geopier Installer:

GeoConstructors

Geopier Designer:

GeoStructures