Mixed-Use Building

Ground Improvement—Installing Vibratory Stone Columns

PROJECT OVERVIEW

A commercial mixed-use building in downtown Washington, D.C., needed vibratory stone columns to stabilize its foundation. We provided 10- and 12-feet piers for the project. However, the project met a few setbacks when the contractors and subcontractors encountered a tieback wall and other similar obstacles.

REQUIREMENTS AND CHALLENGES

The 25-foot tieback wall prevented column installation at first because any alterations to it would create catastrophic results. A buried storage tank's position also threatened to slow down the project.

SOLUTION AND RESULTS

We worked with the contractors and subcontractors to navigate the tieback wall issue so the columns didn't harm it. When we discovered the storage tank, we worked elsewhere on the site and allowed another team to dig it out. No time was lost after the tank was discovered and dug out of the site.

Our team was able to complete the stone column installation smoothly and stayed within the project's budget and timeline. The general contractor said he'd recommend CNC Foundations, and we're in the process of working with him again.

Project Details

SECTOR

Commercial—Office, Retail, Food

LOCATION

Washington, D.C.

APPLICATION(S)

Aggregate Piers / Vibratory Stone Columns

1ST CHOICE