



# cdc. consulting

FEATURED PROJECT REPORT



## HELICAL ELEMENTS (PILES)

### Durham, North Carolina

Fall 2020

When unexpectedly soft soils were found during the construction of a new building footing, helical piles were selected as a solution to bear on the rock below. An adjacent structure/property line meant that a cut and fill approach would not work, access was also limited to one side of the work area. Through careful planning and coordination it was possible for supplies, men, and equipment to all come from different places and work together seamlessly onsite. The ability to provide a rapid response to an unforeseen change in conditions allowed the project to remain on schedule.

**CDC was able to help the contractor in the following ways:**

- Material/equipment selection and procurement
- Design coordination
- Operator training and troubleshooting
- Onsite QA/QC

