First Helical Project Checklist

What to have in hand before the call - from Danbro's engineering team

Every first helical project starts with the same conversation. This is the information our engineering team asks for on every one - gather what you can, and the first call starts further along. **Don't have all of it? Send what you have.** Part of the job is filling the gaps with you.

PROJECT SNAPSHOT

Project name / location _____ **Target install date** _____

Existing pile spec? ☐ Yes ☐ No ☐ Open to alternates

Application ☐ New construction ☐ Underpinning ☐ Earth retention (tiebacks / soil nails) ☐ Walkways / boardwalks ☐ Sewer / utility ☐ Other

1. SUBSURFACE

- ☐ **Geotechnical report** or boring logs - SPT N-values, soil stratigraphy, depth to competent bearing
- ☐ **Obstructions** below grade: timber piles, utilities, debris

2. LOADS & STRUCTURE

- ☐ **Design loads per pile or location** - compression, tension (uplift), lateral
- ☐ **Pile count and layout** - or a foundation plan showing column and footing locations

3. ACCESS & CONSTRAINTS

- ☐ **Headroom** - clearance height at the pile locations _____ ft.
- ☐ **Access width** - narrowest gate, door, or path equipment must pass through _____ ft.
- ☐ **Equipment on site** - excavator or skid steer make and size, for drive head pairing
- ☐ **Adjacent structures** and vibration sensitivity
- ☐ **Overhead** obstructions - power lines, canopies, bracing - height _____ ft.

4. DOCUMENTS TO SEND

- ☐ **Plans** - foundation plan, sections, and details
- ☐ **Geotechnical report** (or boring logs)
- ☐ **Structural load schedule** or engineer's load summary
- ☐ **Existing specification**, if a pile type is already specified - and whether alternates or value engineering are open
- ☐ **Site photos** - access route, work area, obstructions, headroom

5. DESCRIBE THE PROJECT OR PROBLEM

What's being built or repaired, what's going wrong, and anything the lists above don't cover.

Fill in what you know, attach what you have, and send it through **danbro.com/contact/**. This sheet is the intake - our engineering team takes it from there. Page 2 is what happens next.

From First Call to First Pile

What happens after you send Danbro your project

You've gathered the checklist. Here's the play-by-play on our side - no gatekeeping, no runaround. It's the process behind 25+ years of contractor partnerships, and it starts with one message.

1 You reach out

Send the checklist, plans, a soil report - or just a description of the problem - through danbro.com/contact/. Partial information is fine; that's what the first call is for.

2 We review the job with you

Soil conditions, loads, access, obstructions. If helicals fit, we'll tell you which system and why. If they don't, we'll tell you that too. The wrong foundation system helps nobody.

3 Product selection and a clear, expedited quote

Matched to the loads and the site: IDEAL® square shaft, round shaft, or large diameter helical piles, Grouted Pulldown Piles, STELCOR® micropiles, anchors and soil nails - or the right combination. Equipment and accessories quoted alongside if you're building your first install package.

4 Engineering coordination with IDEAL

Torque-to-capacity correlations, capacity verification, and the documentation that satisfies the AHJ - ICC-ES evaluated products, design guidelines, and stamped engineering support where the project requires it.

5 Delivery on your schedule, and support when the first pile goes in

Our own fleet when the site demands it, timed to your installation sequence. Field support on the early installs and training for your crew - so the first project succeeds, and the second one is easier.

WHAT DANBRO BRINGS TO EVERY FIRST PROJECT

- **Education** - PDH seminars for engineers, architects, and building officials; hands-on training for crews; the Nick's Tricks video series
- **Engineering** - technical expertise, value engineering, and clear, expedited quotes from a team that designs foundations, not just ships them
- **Execution** - dependable IDEAL® products, in-house delivery, and on-site support across our entire territory along the Eastern Seaboard

Ready to send your first project?

Attach this checklist and whatever you have. Our engineering team reviews every submission - and if you'd rather talk it through first, call **(215) 271-7700**. **danbro.com/contact/**