



FOR IMMEDIATE RELEASE

Fort Mill, South Carolina

The MacLean Real-time Design Software (MRDS™) offers engineers automatic and user-driven design calculation options for analyzing MacLean's proprietary helical pile deep foundation and tension anchor systems.

In the automatic mode, engineers input structural loads and soil boring data and the software automatically calculates a pile configuration that will satisfy the provided requirements. In the user driven mode, the user selects from MacLean's collection of ICC-ES AC308 ESR 3032 evaluated helical lead sections and extensions in order to assemble multiple pile configurations and "virtually install" them in the soil profile to evaluate their performance under different loading conditions.

Once the helical pile or tension anchor configuration is selected, MRDS will prepare all the necessary documents for use in the planning, bidding and construction phases of the project, including:

- An easy to read summary report that provides, at a glance, all of the critical information about the pile or tension anchor configuration,
- Shop drawings of the selected helical pile system,
- A complete set of helical pile specifications for insertion into the project's Spec Book,
- Load test logs and procedures for pre-construction pile capacity verification,
- And pile installation logs for construction QA/QC activities

Look for more updates to the design software including customized utilities for the design of street light foundation piles, retaining wall tieback and soil nails, shallow concrete foundation repairs and much more.

[Click here to access MRDS software](#)

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