
CODE

INTERPRETATION



MECKLENBURG COUNTY
Building Code Enforcement

CODE: 2012 NC RESIDENTIAL CODE

SUBJECT: ENGINEERED HELICAL PIER FOUNDATIONS REPAIRS

REVIEWED: RESIDENTIAL CONSISTENCY TEAM

Question:

What information and inspections are required for engineered helical pier foundation repairs?

Code reference:

Section R301.1.3 & NC Administrative Code and Policies section 105.

Answer: Permit must be issued before work begins and there are two inspection trips are required as follows:

1. **Footer inspection-** At time of footer inspection an engineering design letter will be required to be provided (typically uploaded to the permit from contractor's dashboard) for field inspector to review that design is sealed. Inspection should be called in the day work begins however contractor doesn't have to wait. Upon arrival inspector will verify work in progress and that design is sealed by a NC registered design professional.
2. **Final inspection-** When all work is completed a final inspection will be conducted and an engineer's letter that signs off on the completed installation shall be provided (typically uploaded to the permit). The inspector will verify that an appropriate letter with language that covers the scope of work has been provided and inspect to see that the grade around the structure has been restored (positive drainage).

Note: This process is different for commercial structures which will require special inspections per Chapter 17 of the NC Building Code.

Approved By Lon McSwain _____ Date 08/24/2015 _____