



**HELICAL PIER  
SYSTEMS**

# Appalachain Land Company Repair

**Project:**  
Appalachain Land Company  
Murphy, NC  
Owner: Appalachain Land  
Company

**Installation Contractor:**  
Warren Concrete Inc.  
Atlanta, GA  
phone: 706-781-5293

**Engineering:**  
Franklin Associates  
CDH Structural Engineering Inc.

## Description:

This Project was performed on October 25, 2006 for Brian Horton of Appalachain Land Company of Murphy North Carolina. The project is located at 800 Wilderness Lake Drive in Murphy North Carolina. This 2 story lake home was settling due to insufficient footer engineering.

## Design:

Mr. Chris Hanners of Franklin Associates had decided upon inspection that the project would need 7 helical piers installed at strategic locations to prevent the home from settling any further. Seven Piers were installed at locations designated by Mr. Chris Hanners of Franklin North Carolina. 5 piers reached 20 kips of torque capacity at a depth of 14'. Two piers ground through rock at 12' and continued 5 more ft. before reaching full torque capacity.

## Construction:

Mr. Myers approved supervision and inspection. The project was completed on December 16<sup>th</sup> 2006  
Contacts concerning this project:  
CDH Structural Engineering Inc. Contact  
Brian Horton 828-837-9588  
Chris Hanners 828-369-0792

