

HILLSIDE STABILIZATION

FOUNDATION UNDERPINNING • TIEBACK ANCHORS

PROJECT DESCRIPTION:

Project Date: April 2017

Project Type: Foundation Underpinning with hillside stabilization tieback anchors.

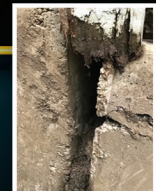
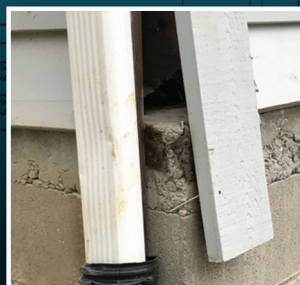
Project Name: Hillside Stabilization

Project Location: Fort Thomas, KY

Engineer of Record: The Advantage Group

Scope: Install 11 each, 40kip, underpinning piles with plate brackets; 7 each, 30/11 hollow bar tie-back anchors, 30ft long, through foundation wall, load distributed by a steel waler system; 7 each tie-back anchors, installed through existing 24" diameter caissons; Install new foundation drain system.

Project Description: A NKY home resident contacted both The Dwyer Company and Advantage Engineering Group looking for repair options for his home. It was deemed that the residence had experienced significant movement based on hillside/global instability. The home was originally built on a deep foundation system (Caissons) and a room addition was later built using only spread footers. Both systems were failing causing home movement. In a joint effort with Advantage Engineering Group, Dwyer was able to assist in the design and install a system that would stabilize the home from further movement. Approximate square footage of foundation wall stabilized was 640SF. The job was successfully completed in three weeks.



Deep History. Solid Choice.™

Toll Free: 877.399.3726 www.dwyercompanies.com