

STRUCTURES

DIVISION



GEOTECHNICAL CONSTRUCTION SERVICES

Willow Grove Mall Retro Fit Permanent Tie-Back Anchors

Location:

Willow Grove, PA

H&K Company:

Haines & Kibblehouse, Inc.

Client:

VCC, LLC



Owner:

Preit Services, LLC

Services Included:

- Permanent Tie-Back Anchor Design & Installation

Project Description:

A Movie Tavern was proposed to be installed on the first and second floors of the existing, active mall. All work was performed during night shift to be compliant with dust and noise restrictions. Additionally, due to emission restrictions, all equipment utilized inside building areas were required to be electrically driven. In order to remove the structural steel and concrete floor between the first and second level of the three-story building the concrete walls below existing grade were required to be laterally stabilized. 213 EA (86.2 Kips Design Load) Individual Tie-Back Anchors measuring 35' to 95' in length were installed.

