

ONE-STOP SHOPPING WITH A.B. CHANCE

- ✓ FOUNDATION SUPPORT
- ✓ EARTH RETENTION SYSTEM

Midlothian Family YMCA Phase III *Midlothian, VA*

The third phase of the Midlothian YMCA at 737 Coalfield Road is currently underway. Proven to be more versatile and technically sound, many A.B. CHANCE products will be used to construct a basement addition adjacent to the existing YMCA building.



CHANCE[™]
Since 1912
DOWN. RIGHT. SOLID.

PROJECT

Midlothian Family YMCA, Phase III Addition

Midlothian, VA

Woolfolk Construction, Inc. (General Contractor)

Structural Engineering Concepts, PLC (Engineer)

PRODUCT

- **A. B. CHANCE** SS175 Piles: 8/10/12 lead installed 25 ft. avg. SS175 Underpinning Brackets, C150-00299 (80 kip ultimate)
- **A.B. Chance** SS5 Soil Screws (8-in. helix) installed 10-14 ft.

ADVANTAGES

- Faster construction & high-capacity application
- One-stop “shopping” for foundation support and earth retention systems

CONTRACTOR

- J.A. Walder, Inc., Ashland, VA

Certified installer of **A.B. CHANCE** products

DESCRIPTION

The YMCA basement addition required concrete underpinning of the existing building’s corners and an earth retention system to protect adjacent structures. A Chance Soil Screw retention system was used with Chance screws installed horizontally into the adjacent soil, then covered with welded wire fabric and shotcrete. When the footing was reached on the corner of the existing building, three (3) **A.B. Chance** 80 kip ultimate Underpinning Brackets were installed on the outside face. The SS175 (100 kip) piles were installed to an average 25-ft. below the footer to support the footing/building load. An HP 10x42 needle beam was supported on two (2) Chance SS175 (100 kip) piles and 80 kip underpinning brackets. Each pile had 14 in. steel pipe around the SS175 shaft for buckling through the exposed excavated area. Shotcrete and concrete underpinning continued to subgrade.

**FOR MORE DETAILS ON THIS PROJECT, CONTACT WALDER FOUNDATION PRODUCTS
AT 804-798-3605 OR EMAIL: JHALL@WALDER.COM**

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