

CHANCE — SUPERIOR SOLUTION FOR ANY SOIL

Superior Market Permanent Retention Wall *Tobacco Row — Richmond, VA*

The Soil Screw Retention Wall, used to provide a permanent wall face for the new Superior Market, is based on more than 80 years of earth-anchor research and development by ISO-certified manufacturer **A.B. CHANCE**. Soil screw anchors - designed for specified soil conditions and load requirements - can be quickly rotated into place with backhoes. Bearing plates, spaced along the entire length of soil screw anchors, are ready for immediate loading after installation.



CHANCE™
Since 1912
DOWN. RIGHT. SOLID.

PROJECT

Superior Market – Permanent Retention Wall

Tobacco Row – Richmond, VA

General Contractor: EDC Construction, Richmond, VA

PRODUCT

- **A.B. CHANCE** Soil Nail leads and extensions to 30 ft. Each 1.5" galvanized nail had 8" helical plates welded along the shaft.

ADVANTAGES

- One permanent wall face was installed and included anchors, reinforcing, shotcrete, and concrete facing. The **CHANCE** system eliminated the need for a two-wall system where a temporary wall retains the earth and a permanent concrete wall is designed to support itself in front of the temporary wall. The system also eliminated soil backfill between the two walls.

CONTRACTOR

- J. A. Walder, Inc., Ashland, VA
Certified Installer of A.B. CHANCE products

ENGINEER

- Kann & Associates, Baltimore, MD

DESCRIPTION

The project required the construction of a permanent back wall for the Superior Market building. **A.B. CHANCE** Soil Screw System provided earth support and incorporation into the permanent concrete wall face. The design included approximately 500 galvanized **CHANCE** Soil Nails installed up to 30 ft. depth. The permanent wall supports Franklin Street; subgrade was 30 ft. at its deepest point and approximately 9,000 sq. ft. in surface area.

FOR MORE DETAILS ON THIS PROJECT, CONTACT WALDER FOUNDATION PRODUCTS AT 804-798-3605, 800-335-3605, OR JHALL@WALDER.COM

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SEMINAR FOR YOUR
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