

FOR MAXIMUM CAPACITY LOADS

# CHOOSE CHANCE

## Waterhouse Luxury Condominiums *Charlottesville, VA*

In order to utilize an existing building off the historic Downtown Mall, additional capacity must be added to its foundation system. A.B. Chance **Helicap™** software was used to determine the product and depth requirements and, after an ASTM D1143 Quick test on the composite pile, the Chance Pile System will be installed.

Water Street Building  
(rendering of Waterhouse)



**CHANCE™**  
Since 1912  
**DOWN. RIGHT. SOLID.**

## PROJECT

### Waterhouse

Luxury Residential Condominiums

Charlottesville, VA

J.E. Jamerson & Sons – General Contractor

Atwood Architects

## PRODUCT

- A.B. Chance SS 175 (8/10/12") Lead, Installed to 38-ft. depth with 5" pulldown grout column used around the shaft.

## TEST RESULTS

- ASTM 1143 Quick Load Test performed. Test was taken to 200 kips with net movement of .678 in. 180 kips was determined to be ultimate load.

## ADVANTAGES

- To achieved high-capacity load requirement. To be installed in low head room conditions. Mobility within existing building structure.

Description: In order to utilize an existing building, additional capacity must be added to its foundation system. General contractor, J.E. Jamerson & Sons, contacted Walder Foundation Products to discuss the use of Helical Pulldown Piles. Structural engineer Dunbar, Milby, Williams, Pittman & Vaughan required new piles with ultimate loads between 100 and 150 kips each. Using Chance's **Helicap™** software program, Walder analyzed product and depth to achieve the required ultimate loads.

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

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A.B. CHANCE LUNCH  
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## WALDER FOUNDATION PRODUCTS

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