BARBER & HOFFMAN, INC.
Consulting Engineers

PROJECT

Arlington Federal Credit Union Operations Center

YEAR COMPLETED 2009

Arlington, VA
$8.4M

Arlington Virginia Federal Credit Union has been proudly and safely serving its Arlington County, VA membership since 1952. Originally founded as Arlington Teachers Federal Credit Union by the employees of the Arlington Public Schools. In 2005, they converted to a community charter, allowing them to broaden membership to all those who live, work, go to school, volunteer or consistently do business in Arlington County. An eight-person board of directors whose sole mission is to serve its members leads this not-for-profit financial cooperative.

The design-build project included total redevelopment of the site. An existing high-rise hotel with an outside pool was demolished prior to initiation of construction. The four-story steel-framed structure is constructed on a sloping site. Retail and parking is utilized at the lowest level, and banking operations occur at the upper three levels. The composite steel-beam and deck floor construction is supported with shallow reinforced concrete footing and steel braced-frames. The one-story pre-cast double-tee floor structure has a bonded concrete topping roof slab. The structure serves as the access for the drive through ATM and banking operations, which is covered by a steel-framed and fire-treated wood truss roof structure.

Site development included over 500 feet of 6-foot high reinforced masonry screen walls with nearly 20 percent requiring reinforce concrete retaining walls below the screen walls.

PROJECT DESCRIPTION:

Four-story 43,000 square foot steel-framed bank operations center located in redevelopment zone of the city performed in a design-build format. In addition, a 33 stall one-level parking structure located at the end of the center with drive-thru banking above.

ADDITIONAL PROJECT FACTS:

- Steel-framed structure with fire-rated floor assembly between bank operations and retail/parking below.
- One-story pre-cast double-tee floor structure with bonded concrete topping roof slab for drive through banking operations.
- Reinforced masonry and concrete retaining and screen walls occur throughout site.