

## Penrose Square



**PROJECT LOCATION**  
Arlington, VA

**PROJECT TYPE**  
Mixed Use

**ARCHITECT**  
Heffner Architects

**OWNER/DEVELOPER**  
Carbon Thompson



### PROJECT DESCRIPTION

Penrose Square - This project is a 5-story mixed use project located in Arlington, VA. There are 3 levels of below grade parking, a first floor retail level, and 4 levels of residential units of various types, for a total of 300 units. The site includes two towers, connected by a bridge, sharing a common garage below grade. The residential units are constructed of prefabricated wood floor trusses supported on wood walls. The units are supported by a conventionally reinforced concrete transfer slab. The first floor retail space and the below grade parking levels are also conventionally reinforced concrete slabs.

The first floor retail space was designed to accommodate a loading dock and a Giant grocery store. The transfer slabs above support three separate courtyards as well as a pool. In addition the two towers are connected by a free-standing concrete bridge, with expansion joints at each end, to allow for differential movement.