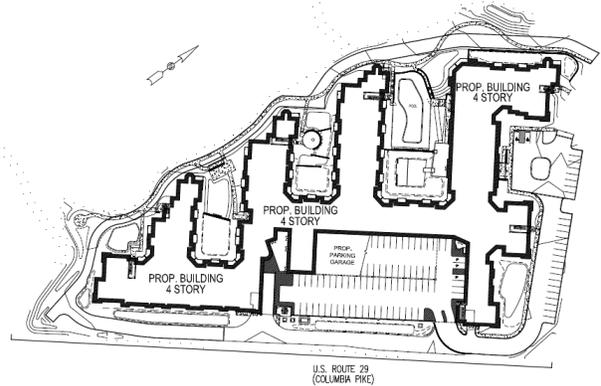


## The Vine Apartments Construction Document Review & Quality Assurance during Construction



275-unit multifamily apartment project consisting of a 4-story, wood framed building wrapping a 5-story precast concrete parking garage. The apartment building encloses multiple courtyards, one containing a swimming pool. The exterior is primarily brick veneer, thin brick, cast stone and fiber cement panels/siding. Portions of the parking garage were designed to enclosed habitable space requiring specialized waterproofing detailing. The project is located near Fulton, MD.

**Challenge:** Provide overall review the construction documents for constructability issues related to the waterproofing, building envelope (weather barriers, cladding, fenestration and roofing) along with fire and sound separations.

**Value Added:** D&A's technical review of the construction documents identified issues with integration of waterproofing systems with weather resistive barrier components, veneers and cladding. During construction, D&A's timely on-site reviews at critical stages ensured integrity of the building envelope was maintained.

**Service performed:** Technical construction document review of plans; quality assurance during construction.

**Client/Developer:** Buch, LLP  
**Architect:** Henneman + Associates

**Contractor:** Buch Construction  
**Duration:** 2015-2017