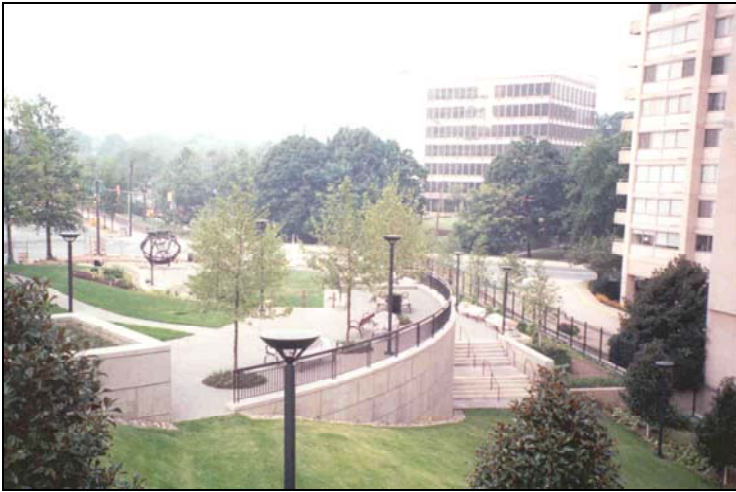


Chase Towers Park Retaining Walls

Friendship Heights, MD



Project Description: Construction of a new retaining wall to support a park adjacent to an existing building created some challenges for JBG Developers. In order to keep stress off the adjacent building footings the wall needed to be imbedded up to 15 feet. A steeply sloping rock surface from the previous building excavation provided a difficult foundation condition on which to build a 25 foot high wall. A rock bolting and concrete wall design was developed for the deep below grade wall, which acted as the foundation for a more economical Cornerstone segmental wall system. This combination wall provided a significant cost and time savings over a caisson and lagging tieback wall originally proposed. GeoStructures designed and supplied the wall materials and GeoConstructors built the combination wall system.

- **Developer:** JBG, Bethesda, MD
- **General Contractor:** Clark Construction Group, Bethesda, MD
- **Structural Engineer:** KCE, Washington, DC
- **Geotechnical Engineer:** Schnabel Engineering