



# TURNBERRY TOWER ARLINGTON

1881 North Nash Street  
Arlington, Virginia

## PROJECT FEATURES

**Total Cost:** \$140 Million  
**Size:** 750,000 Square Feet  
**Levels:** 6 Underground Parking and 26 Above Ground  
**Method:** Design-Bid-Build with GMP  
**Function:** Luxury Condominiums  
**Duration:** March 2007 - September 2009  
**LEED Rating:** Certified

## PROJECT TEAM

**Owner:** 1881 Rosslyn Associates, LLC c/o Turnberry Associates  
**General Contractor:** Facchina-McGaughan, LLC.  
**Architect:** BBG-BBGM Architects & Interiors  
**Structural Engineer:** Smislova, Kehnemui & Associates, PA  
**MEP Engineer:** GHT Limited  
**Civil Engineer:** Vika Incorporated  
**LEED Consultant:** Sustainable Design Consulting  
**Geotechnical Engineer:** Langan Engineering  
**Landscape Architect:** LaPierre Studio  
**Interior Design:** Nick Luaces Design Associates



## ARCHITECTURE

- Exterior skin is stone and glass on lower levels and curtain wall and window wall on upper floors
- Stone is Blue Pearl Granite that will be imported from Norway
- Floor-to-ceiling glass is all units for maximum sunlight and sightlines
- Private elevator lobbies for units
- Ceiling heights vary from 9 to 12 feet
- Access to fitness center, indoor pool and spa, café, social room, and media room
- Roof will be EPDM with tapered insulation



## ELECTRICAL

- Power is supplied from Dominion Power under ground with two feeds into the transformers
- First feed is stepped down to 480Y/277V 3-phase power and is fed into a 4000 amp box for all public areas and elevators including lighting fixtures
- Second feed is stepped down to 208Y/120V 3-phase power and is fed into one of two 4000 amp boxes where it feeds units for receptacles and luminaires

## STRUCTURAL

- Continuous footings used for the perimeter wall and spread footings used for columns and shear walls
- Parking levels use 10,000 PSI concrete for columns and shear walls and 5,000 PSI for slabs
- Tower levels use two-way post-tension deck with varying PSI concrete for columns and shear walls and 5,000 PSI for slabs
- Flying form system used for faster erection of tower slabs
- Pump and tremie method used for pouring of concrete on tower levels

## MECHANICAL

- All spaces in the lobby level will be serviced with one of three AHU's located in the ceiling space
- Each residential unit will have between one to three heat pumps depending on the size of the unit

