

## 440 South Church Street Charlotte, NC

### Client

Trinity Partners

### Value

US\$40,100,000

### Completion

2009

### Assignment

Construction Management



- All adhesives, sealants, paints and coatings are low-VOC (volatile organic compounds)
- Woods products not made with urea formaldehyde-based resins
- Developed/implemented an Interior Air Quality Management Plan, which protected the HVAC systems from construction dust and materials from moisture damage
- Targeted 14% better energy performance than ASHRAE-90.1-2004
- Use of an Enthalpy wheel for “free” outside dehumidification in the summer and preheating in the winter
- Green Power
- Third-party validation of the performance of the mechanical, lighting and domestic water systems

Bovis Lend Lease managed the construction of the 15-story, 393,000 square foot, Class A office building; the building has a concrete frame structure with curtain wall and pre-cast concrete accents.

The project team, targeting LEED Gold rating, implemented numerous, sustainable components:

- Targeted a 50% (by weight) diversion of construction and demolition waste from landfills
- Targeted a 20% (by cost) of materials containing recycled content
- Targeted 20% of construction materials from regional sources and manufacturers
- Targeted 50% (by cost) of the wood material on the project originates from forests certified by the Forest Stewardship Council
- Targeted 30% less water usage than Federal standards mandate for kitchen and bathroom fixtures
- Dual flush toilets

