



CASE STUDY

Reston Station Office Building Tower 1
Reston, VA



Completed: July 2017

Owner: Comstock Partners, LLC

Concrete Supplier: Vulcan Materials Company

Concrete Subcontractor: Miller and Long Concrete

Architect: Helmut Jahn

Structural Engineer: Thornton Tomasetti

General Contractor: James G. Davis Construction

When designing the 16-story office building, world-renowned architect Helmut Jahn envisioned a structure in which all the columns were non-traditional, not straight and intentionally visible. And that is exactly what the Reston Station OB Tower 1 showcases. Drive down the Dulles Toll Road and you can easily identify the building by the Xs that appear on its sides. This amazing structure contains over 18,000 cubic yards of concrete; 11,000 cubic yards being High Early Strength mixes. The project used over 4,000 cubic yards of 10,000 and 12,000 psi concrete, 400 of which was designed as self-consolidating concrete to meet the aesthetic requirements of Jahn.

Awards: National Capital Chapter ACI, Excellence in Concrete, Mid-High Rise Building Award 2017
ACI, Excellence in Concrete Construction, High-Rise Category, 1st Place Award 2018
Featured on the cover of ACI's CI (Concrete International) Magazine, March 2018