

The Tower

Major US City

Project Team

Owner: Hines
GC: Turner Construction Company
Architect: Pei Cobb Freed
Structural Engineer:
Thorton Thomasetti
MEP Engineer: Jaros Baum &
Bolles

Project Overview

Size: 474,000 GSF
Stories: 28
Delivery Method:
Design-Bid-Build
Construction Dates:
12/12-3/13

Architecture

- ◆ Curtain Wall Enclosure
- ◆ Two levels with terraces
- ◆ First two floors used for retail space
- ◆ MTA Tunnel Addition

Mechanical

- ◆ High Efficiency Chillers (2)
- ◆ AHU's on every floor with
MERV 13 Filters
- ◆ 7 Condensing Boilers
- ◆ Co-generation system

Electrical

- ◆ 460/265V
- ◆ 750 kW emergency
generator
- ◆ 3 Con-Ed transformers.
Space for additional
transformer

Structural

- ◆ Structural Steel Frame
- ◆ Concrete Core and Slabs
- ◆ WWF and Rebar
Reinforcing.



Special Thanks To



Shivam Patel

[www.engr.psu.edu/ae/thesis/
portfolios/2013/spp5065/index.html](http://www.engr.psu.edu/ae/thesis/portfolios/2013/spp5065/index.html)

