CityCenterDC | Parcel 1

Size: 257,500 sq. ft.

Stories: 12

Function: Office & Retail

Delivery Method: Design-Bid-Build

Construction Dates: 1/12 - 6/13

Owner: Hines-Archstone

GC: Clark-Smoot

Architect: Foster + Partners

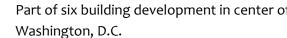
Civil Engineer: Delon Hampton & Assoc.

Structural Engineer: SK&A MEP Engineers: Tolk, Inc. **Electrical Contractor:** Truland Mechanical Contractor: Madison





- Part of six building development in center of Washington, D.C.
- One of two identical office buildings
- Curtain wall enclosure
- First two floors used for retail space





Special Thanks To:







Andy Penev | CM Option

http://www.engr.psu.edu/ae/thesis/ portfolios/2013/ahp5034/index.html



Construction

- On-site concrete batch plant
- Built simultaneously with remaining five buildings
- 7 total tower cranes for project
- Shared foundation/garage

Mechanical System

• Utilizes a chilled water cooling system

Washington, D.C.

- 3 cooling towers
- Chilled water AHUs every
- Fan powered terminal units and VAV boxes
- Electric heat

Electrical System

- 480/277V
- (1) 4000A & (1) 3000A switchboard
- 750kW emergency generator
- Electrical room every floor

Structural

- Cast-in-place concrete
- 8" post-tensioned slabs with 6" drop panels at columns
- Interior core shear walls

