



Health and Human Development Building

The Pennsylvania State University - State College, Pennsylvania



Rendering courtesy of BCJ

Bohlin Cywinski Jackson

Architecture Planning Interior Design



Project Team

Owner :	The Pennsylvania State University
Construction Manager:	Massaro CMS
Architect:	Bohlin Cywinski Jackson
General Contractor :	Leonard S. Fiore
Landscape Architect:	Michael Vergason Landscape Architects
Civil Engineer:	Gannett Fleming, Inc.
Structural Engineer:	Robert Silman Associates
MEP/FP Engineer:	Bruce E. Brooks



Building Statistics

Size :	150,000 GSF
Number of Stories:	4 + Mech. Penthouse
Dates of Construction:	February 2013 – June 2015
Cost:	Building Cost = \$45 Million
Delivery Method:	Design – Bid – Build

Mechanical

- Steam and chilled water loops run through campus
- Air is cooled and heated using VAV boxes

Lighting and Electrical

- Distribution Switchgear -1600 A, 480/277V, 3 Phase Power

Architecture

- Façade designed to match the Georgian style architecture of the surrounding buildings (hand-placed brick and limestone).
- Large atrium facing College Avenue with elaborate stair design.
- Architectural screen wall runs the entire height of the building in the atrium.

Structure

- Steel frame with shear wall bracing
- Spread footings
- Slab on composite metal deck

Christopher Graziani

Construction Management Option

<http://www.engr.psu.edu/ae/thesis/portfolios/2014/cm5359/index.html>