

Brian M. Barna
Structural Option

Pennsylvania Judicial Center
Harrisburg, PA

Consultant: T. Boothby
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Building Abstract (Part 1)

Building Name: Pennsylvania Judicial Center
Location: Harrisburg, PA (downtown government area)
Building Occupant Name: Pennsylvania Unified Judicial System
Occupancy Type: Courtrooms and offices
Total Size: 425,000 sq. ft.
Number of Stories: Nine
Project Team:
 Owner: Pennsylvania Government
 Architecture: Vitetta (www.vitetta.com)
 *Diversified Design provided initial architectural program
 Engineering: Vitetta
 Construction Mgmt: Heery International (www.heery.com)
Construction Dates: Fall 2006 – Fall 2008
Total Project Cost: \$90-95 million
Project Delivery Method: Design-bid-build with multiple prime contracts

Architecture: This structure is a modern yet conservative building suitable for its judicial purpose. The building consists of three primarily rectangular forms. A centralized 5-story atrium topped with a skylight for major circulation and shared conference spaces is the main architectural pronouncement. There is also a 5-story mass that houses the Commonwealth Courts (courtrooms, judge's chambers, related support spaces) and a 9-story office tower.

Major National Codes Used:

Overall: IBC 2003 and associated International Codes
Electric: National Electrical Code 2002
Fire Protection: National Electrical Code 2002
Barrier Free: ICC – ANSI A117.1 – 1998
Accessibility: ADAAG Title III (Americans with Disabilities Act)

Zoning/Historical Requirements: Area must be used for a government building. The Judicial Center replaces the recently demolished Health and Welfare Parking Structure. *I am currently researching other zoning and historical requirements for this area.*

Building Envelope: The exterior of the building is primarily clad in Indiana limestone to match the other buildings in the Capitol Complex. The walls have parapets on all sides of a primarily flat roof. There are gable roofs on monitors that contain clerestory windows centered on the larger roof masses. There is also a large skylight that shines light upon the main atrium of the building.