

DORRANCE H. HAMILTON BUILDING

THOMAS JEFFERSON UNIVERSITY

PHILADELPHIA, PA



PROJECT TEAM

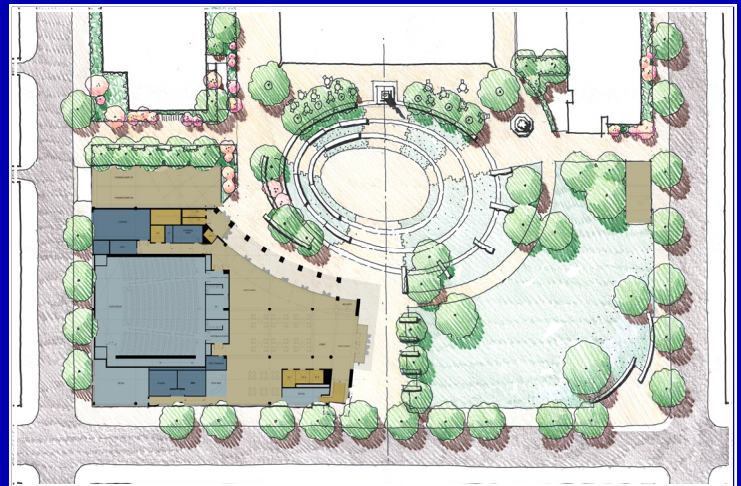
Owner:	Thomas Jefferson University
GC/CM:	P. Agnes Inc.
Architects/Engineers:	Burt Hill
Landscape Architect:	Andropogon Associates
Structural Engineer:	David Chou & Associates Inc.
Lighting Design:	The Lighting Practice
Civil Engineer:	Vollmer Associates LLP
Technology:	RJC Designs Inc.
Project Management:	Dan Bosin Associates LLC & TJU

BUILDING STATISTICS

- ◆ Location: 1001 Locust Street, Philadelphia, PA 19107
- ◆ Number of Floors: 2 Parking Levels, 6 Floors, Mech. Room
- ◆ Square Feet: 129,000 sq. ft. building w/60,000 sq. ft. plaza
- ◆ Occupancy: Medical Education
- ◆ Start/End Construction: October 2005/August 2007
- ◆ Project Delivery: Guaranteed Maximum Price (GMP)

ARCHITECTURE

- ◆ Dorrance H. Hamilton Building will transform the Thomas Jefferson University campus by developing an expansive grassy plaza which will become the new focal point of campus
- ◆ The building will house a technologically advanced auditorium, small and large group classrooms, and a two floor clinical skills center featuring virtual diagnostic and surgical suites
- ◆ The curved façade features large expanses of glass that will open onto the plaza
- ◆ The transparency of the façade carries through the entire ground floor, which allows people on the street to look into the lobby, through the building and out to the plaza



STRUCTURAL

- ◆ Foundation consists of concrete footings placed on existing caissons
- ◆ 5" Slab-on-Grade for ground floor and parking garage
- ◆ Structural steel framing used for most of building

MECHANICAL

- ◆ (3) 40,000 cfm AHUs located on mechanical floor
- ◆ (1) 480 ton cross-flow cooling tower
- ◆ (6) air cooled AC units used for heat removal and environmental control
- ◆ (1) 750 cfm and (4) 350 cfm electric unit heaters

ELECTRICAL

- ◆ 13.2 kV 3 PH parallel service entrance to switchgear
- ◆ Uses both 480/277V and 208/120V 3 PH
- ◆ 1000 kW, 480Y/277V diesel emergency generator
- ◆ 480Y/277V 3PH emergency distribution panel

LIGHTING

- ◆ Vast daylighting through building via curved front façade and ribbon windows
- ◆ Lobby and classrooms use recessed fluorescent luminaires with some MR16 accent lighting
- ◆ Clear Metal Halide for parking area
- ◆ Special considerations for emergency rooms