

# George Mason PE Building Renovation & Addition Fairfax, VA

Brenton Decker

CM Option

## Project Team

Owner: George Mason University  
Architect/Structural/MEP engineers: Ewing Cole  
CM: Gilbane Building Co.  
Landscape Consultant: Lewis Scully Gionet  
Civil Engineer: Christopher Consultants  
Audio Visual Consultant: PMK Consultants

## Statistics

Location: GMU Fairfax Campus  
Levels: 2 above grade  
Size: 116,530 Sq. Ft.  
Total Cost: 29 million  
Construction Dates: Oct. 2007 – Apr. 2009  
Delivery Method: CM at Risk

## Structural

- Poured concrete foundations
- Strip and Spread footings
- Structural Steel Braced Frame
- Composite Metal Decking
- Light Gage Steel Studs
- Load Bearing CMU Walls
- Masonry Walls
- Site Retaining Walls
- Steel Roof Trusses



## Mechanical

- 6 – VAV rooftop AHU's
- 6 – Split system ACU's
- 3 – 59HP Boilers
- 2 – 320 Ton Centrifugal Chillers
- 1920 GPM Induced Draft Cooling Tower
- Unit Heaters

## Lighting/Electrical

- 2500A, 480/277V Main Switchboard
- 600A, 480/277V Motor Control Center
- Set of 100KW, 200A, 480V Emergency Generators
- 36 Different Luminaire Types

## Architecture

- Multi-functional recreational facility
- Scenic woodland setting
- 3 Gymnasiums
- Raquetball/squash courts
- State of the art strength-training facility
- Juice bar & lounge area
- 2-story glass curtain wall enclosing fitness center
- Brick, metal paneling, glass facades
- EPDM roof system

