

# Prince Frederick Hall

University of Maryland  
State College, MD

## Building Statistics

Area: 185,522 gsf  
Stories: 7 above grade  
Cost: \$59 Million  
Delivery: Design – Build  
Use: Dorms/ Offices  
Occupant: Student

## Project Team

Owner: University of Maryland  
Contractor: Clark Construction Group, LLC  
Architect: WDG Architecture PLLC  
Structural: Cagley & Associates Inc.  
MEP: WFT Engineering Inc.  
LEED: EMO Energy Solutions, LLC  
Civil: Site Resources Inc.  
Lighting: C.M. Kling & Associates Inc.  
Geotechnical: KCI Technologies, Inc.



## Structural

- Reinforced Concrete for slab & foundations
- Reinforced Concrete Frame
- Masonry Sheer Walls
- Non-load bearing walls are masonry
- The height of the top structural slab is 216'3"

## Mechanical

- 6 Interior Air Handling Units of variable Supply
- 2 Roof-top Units with 11,000 CFM airflow

## LEED

- Currently Gold qualified
- 63 credits
- Low emission material used
- Smart Storm water management

## Electrical

- 2 External 3000 KVA pad mounted transformers
- 1 gas 350 KW Roof Generator

## Architecture

- Georgian Red Brick
- Curtain Walls for daylight
- Adheres to University Master Plan

## Telecommunications

- All doors have card swipe access
- All critical areas have security cameras
- Oversees AV systems for advanced classrooms
- Wireless internet access throughout

Lauren Kandt - Construction Management

[www.engr.psu.edu/ae/thesis/portfolios/2014/ljk5096/index.html](http://www.engr.psu.edu/ae/thesis/portfolios/2014/ljk5096/index.html)