

# Frederick Memorial Hospital, Additions & Renovations Frederick, MD



## Project Team

- **Owner:** Frederick Memorial Hospital
- **Owner's Rep:** ADAMS Management Services Corporation
- **CM:** Barton Malow Company
- **Architect:** Noelker and Hull Associates, Inc.
- **Structural Engineer:** ABEL Consulting Engineers
- **MEP Engineer:** TLC Engineering for Architecture



## Project Features

- **Dates of Construction:** July 2005 - May 2006
- **Overall Project Cost:** \$10.2 Million
- **Project Delivery Method:** Traditional, CM At-Risk
- **Occupancy or Function Types :** Institutional
- **Size :** 85,000 SF
- **Number of Stories Above Grade :** 3 and a mechanical penthouse

## Construction

- Complete demolition of the interior space
- 1B noncombustible 2 hour rated construction
- New brick façade over existing brick façade

## Structure

- Existing concrete structure to remain
- Courtyard infill is 9" cast-in-place concrete slabs
- Elevated slabs supported by 22"x22" cast-in-place concrete columns
- 10'x10' drop panels at each column/slab connection

## Mechanical, Lighting, & Electrical

- 3 existing AHUs serve the space, ranging from 7700 - 10300 CFM
- 2 new roof top AHUs installed, 19950 and 16680 CFM each
- 120V and 277V T8 fluorescent and compact fluorescent electronic ballast lighting
- Power distributed at 208/120V and 480/277V from existing electric room
- 36 208/120V and 16 480/277V panels serve the space



FREDERICK MEMORIAL  
HEALTHCARE SYSTEM

