



# FT. DETRICK DMLC

## STATISTICS

**Function:** Office building housing medical planning organizations within the Department of Defense  
**Size:** 129,960 Square Feet, 3 stories  
**Construction Dates:** September 2006 to April 2008  
**Delivery Method:** Design-Build

## PROJECT TEAM

**Owner:** United States Government / Department of Defense  
**Owner Representative:** U.S. Army Corps of Engineers – Baltimore District  
**General Contractor and Construction Manager:** Mascaro Construction  
**Architects and Engineers:** Baker and Associates

## ARCHITECTURE

Postmodern Design Influence  
 Double-Height Entry Vestibule  
 Brick Façade with Stone Accents at Windows and Lintels and Stone Base at First Floor  
 Gable-Style Metal Roof

## MECHANICAL

Heating Hot Water System: 2 gas-fired boilers with primary/secondary pumping systems  
 Chilled Water System: 2 water-cooled chillers and 2 induced-draft cooling towers with primary/secondary pumping systems  
 Ventilation: 7 Air Handling Units each with return/relief fan to serve VAV terminal reheat units

## STRUCTURAL

Cast-in-place reinforced concrete foundation supported by reinforced concrete caissons with bells  
 Steel framed system with concrete floors  
 Walls formed by Tilt-Up Construction  
 Standing seam metal roof supported by metal roof deck

## ELECTRICAL

4160V overhead distribution line delivers power to facility power transformer  
 480Y/277V system for lighting and HVAC, 208Y/120V system for receptacles and small loads  
 Linear fluorescent fixtures with T-8 lamps in ceiling grid  
 Down lights with compact fluorescent lamp used to accent or supplement other lighting  
 Automatic transfer switch and exterior power outlet provide means to connect to standby generator

**Domenica Ferraro**  
**Mechanical Option**

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