

## //building statistics

//location: 1200 J.D. Anderson Drive, Morgantown, WV  
//function: Hospital  
//size: 405,994 SF  
//height: 59 feet  
//construction dates: June 2006 – May 2009  
//delivery method: Design-Build with GMP contract  
//cost: \$67,484,560

## //project team

//owner: Monongalia General Hospital  
//architect: Freeman White, Inc.  
//civil engineer: Alpha Associates, Inc.  
//construction manager: Turner Construction Company  
//geotech/environmental consultant: Potesta Engineers  
//m.e.p.: Freeman White, Inc.  
//structural engineer: Atlantic Engineering Services



## //architecture

//masonry and curtain wall façade with variable elevation  
//houses multiple hospital functions such as the emergency department, imaging department, icu, and private patient units  
//flat roof - combination of ballasted and adhered roof systems

## //mechanical system

//seven rooftop VAV-AHU with capacities ranging from 37000 to 11500 cfm  
//water-cooled chiller, cooling tower, and steam boiler

## //electrical/lighting system

//480/277V 3 phase, 4 wire system  
//208/120V 3 phase, 4 wire system  
//two 1500KW diesel engine generators  
//electronic type ballasts, 95% power factor  
//time switches provided for all exterior lighting

## //structural system

//concrete structure with masonry veneer  
//5" slab on grade  
//8" two-way Slab system on all floors supported by concrete edge beams and columns  
//shallow spread footing foundations

