

# Mechanical

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We are proud to work on the largest and most complicated projects and have embraced the newest design tools to offer services beyond typical engineering firms.”

*Robert B. McAtee, P.E.  
Mechanical Department Head*

## Department SERVICES

### *HVAC Design*

Central Cooling and Heating Plants  
Energy Management and Recovery  
Thermal Storage  
SCIFs

Mission Critical Facilities  
Material Handling Systems  
New/Retrofit Equipment Installation Design  
Piping Systems for Utilities,

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### *Plumbing Engineering*

Interior and Exterior Plumbing Systems  
Code Compliance Studies  
Compressed Air Systems  
Medical Gas and Vacuum Systems  
Building Evaluation Studies  
Laboratory Gas Systems

### Petroleum/Chemical Processes

Pipe Stress Analysis  
Facility Systems Evaluation  
Peer Review

### **Security:**

Chemical, Biological, and Radiological Countermeasures  
Forced Entry/Ballistic Resistant HVAC Penetrations  
Smoke Evacuation and Control  
Command and Control Centers

### Special Waste Handling Systems

Welding Gas Systems  
Peer Review

### **Security:**

Special Piping  
Self-Contained Water Systems



**Hankins and Anderson**

Consulting Engineers