



NEW CONSTRUCTION – MUNICIPAL FIRE STATION

PROJECT LOCATION: Hernando County Fire Station #6 – Hernando, FL
EXPERIENCE OF: Mitchell Gulledge Engineering, Inc.
ROLE IN PROJECT: MEPF Design Sub-Consultant

CONSTRUCTION COST

\$1,200,000

COMPLETION DATE

December 2021

PROJECT STAFFING

Project Manager:
Andrew Mitchell, PE, CxA
Mechanical Lead:
Craig Gulledge, PE, CxA
Mechanical Designer:
Ark Szczurowski, PE, CxA
Plumbing Lead:
Andrew Mitchell, PE, CxA
Fire Protection Lead:
Andrew Mitchell, PE, CxA
Electrical Lead:
Peter Rizov, PE



PROJECT OWNER

Hernando County Fire & Emergency Services
 James Billotte
 12 SE 1st Street
 Gainesville, FL 32601

PROJECT ARCHITECT

Brame Heck Architects, Inc.
 Mick Richmond, AIA
 606 N.E. First Street
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PROJECT ENGINEER

Mitchell Gulledge Engineering, Inc.
 Andrew Mitchell, PE, CxA
 210 SW 4th Ave
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PROJECT SUMMARY:

Mitchell Gulledge Engineering was contracted as the MEPF engineering sub-consultant to design a new fire station for Hernando County Fire & Emergency Services in Hernando, Florida. This two-story, 15,000 SF facility will include a dayroom, seven bunk rooms, dining room, commercial kitchen, laundry utilities, restrooms, equipment/gear storage spaces, and other auxiliary support areas. The HVAC mechanical scope of work consisted of packaged rooftop unit with VAV zone control, general exhaust fans, kitchen exhaust system, and ductwork distribution systems and components. The plumbing scope of work included domestic water and sanitary waste/vent provisions for the restrooms, laundry utilities, and kitchen areas. New plumbing fixtures, electric storage water heater, and elevator sump pump were also provided. The fire protection scope of work including site and building fire protection coverage and wet pipe systems. The electrical scope of work consisted of building power, site power, building lighting, fire alarm, access control, fire station alerting, and telecommunication systems. As the project’s MEPF sub-consultant, Mitchell Gulledge Engineering will be providing construction administration services including site inspections, submittal reviews, and as-built documentation.

The Hernando County Fire & Emergency Services moto reads: “Unitate Fortior” which translates to “Stronger by Being United”. This new fire station for Hernando County perfectly exemplifies this moto put into action. Since project inception, our team has worked side-by-side with the project ownership, architect, and civil engineer to ensure all owner project requirements and objectives were achieved. Working in the BIM360 platform, we modeled all design elements real time in 3D to further ensure all system components were coordinated with the architectural and structural requirements. This project required special attention to the emergency power requirements, telecommunication systems, and fire station alerting systems. Our team conducted numerous meetings with the ownership team and their IT department to make sure all specialty systems were designed and integrated into the project. Additionally, to help keep the project within budget, we assisted with cost analyses by providing valuable consulting input on the MEPF systems during pre-design and design. The Mitchell Gulledge Engineering team is honored to support the brave men and women who help keep our communities safe.

