MEDICAL INFUSION RENOVATION

PROJECT LOCATION: Shands Medical Plaza Second Floor - Gainesville, FL
EXPERIENCE OF: Mitchell Gulledge Engineering, Inc.
ROLE IN PROJECT: MEPF Design Sub-Consultant

CONSTRUCTION COST
$750,000

COMPLETION DATE
November 2018
(Three Phases)

PROJECT STAFFING
Project Manager:
Andrew Mitchell, PE, CxA
Mechanical Lead:
Craig Gulledge, PE, CxA
Mechanical Designer:
Ark Szczurowski, PE, CxA
Plumbing/Fire Protection Lead:
Andrew Mitchell, PE, CxA
Electrical Lead:
Andy McCaddin, PE

PROJECT OWNER
UF Health Shands Facilities
Steve McElroy
1600 SW Archer Road
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BUILDER
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PROJECT ARCHITECT
Donnelly Architecture, Inc.
Chris Donnelly
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PROJECT SUMMARY:

This project consisted of renovating 6,300 SF of the second floor of the Shands Medical Plaza located on the University of Florida Campus in Gainesville, Florida. The goal of this renovation project was to increase the number of medical infusion chairs and provide an improved layout for the nurse stations. The project scope of work included revising the existing HVAC systems to accommodate the room layout changes as well as the additional head load of new -80 deg F freezers, providing new plumbing distribution piping and fixtures to support the renovation area, relocating the existing fire protection sprinkler heads, and providing new power, lighting, and fire alarm to serve the project area and new lab equipment. Telecommunication rough-ins were coordinated with UF IT and added to support the renovation area as well. The construction was completed in phases which was detailed during the design process to ensure a smooth construction period.

The Shands Medical Plaza Infusion Renovation project showcases Mitchell Gulledge Engineering's ability to plan, coordinate, and design office and medical equipment room renovations. This requires evaluating the existing system infrastructure, analyzing the facility impacts associated with the proposed renovation efforts, meticulous field survey of the existing systems, and close collaboration during pre-design and design phases of the project. Additionally, the project's construction had to be phased in order to accommodate swing space and coordination with the facility as it remained an occupied building. This phasing was detailed in the Construction Documents in order to ensure a smooth construction period with no change orders or delays in construction schedule. Mitchell Gulledge Engineering provided construction administration services to further assist in these construction coordination efforts. This level of detail and coordination is critical to the success of renovation projects.