

UW Hospital & Clinics Operating Rooms



600 Highland Avenue, Madison, WI

Project Specs:

- This project consists of 46,000 square feet of alterations on the third floor of UW Hospital.
- The project began in September 2014 and will be completed in 2 years. The work is being performed in 6 different phases.
- We were faced with the daunting task of maintaining critical spaces such as Operating Rooms while trying to still complete the work. The problem with these areas is that they have specific temperature and humidity requirements. All ductwork and piping work done in UW Hospital is done in an interstitial space and slows down productivity.

GHAC Role:

- Work included renovations on existing work areas such as patient stations, nurses stations, locker rooms, offices, infection control rooms, procedure rooms and a staff lounge.
- We revamped the air handling units in these areas. We replaced supply fan motors, pre-filters, final filters, heating coils, chilled water coils, sound attenuators and return fans.
- We added UV lighting to improve their indoor air quality. And lastly, added pancrete on the floor of the air handlers to level the flooring.
- In renovating Operating Rooms 3 & 4, we provided a new custom aluminum clean room ceiling. Within the clean room ceiling are laminar flow diffusers to provide a uniform vertical projection of supply air at a controlled low velocity specific to OR's. A duct-mounted humidifier was mounted downstream of a VAV box to accommodate the space humidity requirements.

