

## project profile



### UW Digestive Health Center | Madison, Wisconsin

#### Overview:

- Prominent location at University Avenue and Whitney Way
- ~80,000 square foot facility including 3 story medical facility and underground parking
- Rooftop units with integral energy recovery ventilators, significantly reducing roof top unit capacity
- Parking area utilizes a run around heat recovery loop system to capture the heat from parking exhaust and uses it to heat the makeup air for parking ventilation
- Part of a large multi-building development by Krupp that includes condominiums, retail, office, and medical facilities

#### GHAC Roles:

- Engineering and design
- System commissioning and testing
- Mechanical LEED documentation
- Building training of UW plant staff and user groups

#### Key Features:

- Large amounts of ventilation air and air change rates
- Small temperature control zones
- Exhaust located over high heat rejection equipment (medical equipment, lab equipment) in order to remove heat for it to circulate into the space, reducing cooling load to the space
- Offset cooling load of CT scan by reducing the load in the rooftop unit including a stand alone split system air conditioner to handle heat gains during peak use times

#### LEED for Healthcare:

- One of the first buildings registered to get certified under LEED for Healthcare
- Awarded LEED Silver certification
- Developed mostly for hospitals
- Many of the credits have to do with overnight stay facilities