

## MMED Brighton Health Center South



### Project Description

UMHS proposes the construction of a new and larger ambulatory care presence in the Brighton market. This project will construct an approximately 297,000-gross-square-foot building on university-owned land near the existing Brighton Health Center on Challis Road. The new building will include adult and pediatric specialty care, infusion, a comprehensive musculoskeletal center, sleep lab, ambulatory diagnostic and treatment center, radiation oncology, operating rooms, medical procedure unit, pharmacy, radiology, and lab services.

### Energy Efficiency Measures

- Glazing with low-e coating to reduce thermal losses in the winter and radiation gain in the summer
- LED lighting used exclusively
- Occupancy sensors throughout the building to turn off the lights when rooms are unoccupied
- HVAC setback mode for use during off hours in the OR and Procedure Rooms
- Variable frequency drives on equipment to conserve energy when demand is low
- High efficiency motors and transformers to reduce energy consumption

### Other Sustainability Features

- Landscape design to include naturalized plantings to minimize maintenance and irrigation needs
- A retention pond to control stormwater quantity and quality leaving the site
- A 20% water consumption savings beyond Michigan Plumbing Code is anticipated; savings obtained through the use of low flow fixtures and dual flush toilets
- Construction waste to be diverted from landfill when possible
- Adjustable thermostats for occupant comfort
- Low-VOC interior finishes