MMED Clinical Inpatient Tower

Project Description
The adult inpatient hospitals of Michigan Medicine have consistently experienced high demand for inpatient rooms and surgical suites. This high demand has led to capacity constraints, impacting access for patients with high acuity and complex care needs. As one component of its clinical and facilities strategy, Michigan Medicine is exploring the idea of constructing an adult inpatient tower on the main medical campus. The clinical program would include up to 264 beds and 23 surgical/interventional radiology suites. This added capacity would help Michigan Medicine address patient access and care concerns and allow for a transition of existing patient care services now located in University Hospital.

Energy Efficiency Measures
- The building’s design and systems will include a number for energy efficient measure that will allow for an estimated 20% energy saving when compared to an energy code compliant building as defined by ASHRAE 90.1-2013
- High performance building facade
- High efficiency lighting
- Enlarged heat recovery chillers
- Regenerative Drive elevators

Other Sustainability Features
- This project is registered under the LEED® green building certification program with the certification goal of LEED Platinum. This project will use the LEED v4 Building Design and Construction-Healthcare rating system.
- Enhanced commissioning
- 40% domestic water savings when compared to a typical hospital
- Extensive storm water management
- Native and adaptive landscape species
- High SRI value pavements
- Easy access to the U-M and AATA bus systems