

DIEKEMA HAMANN

architecture & engineering



Location: Grand Rapids, Michigan
Size: 28,365sq. ft.
Completion: March 2023
Construction Manager: The Christman Company

Project Description:

With the changing patient population, Spectrum Health had a need to increase their number of ICU Patient Rooms. The program called for creating an intensive care unit; formerly a B-occupancy classified space, on the 8th floor of the Fred and Lena Meijer Heart Center (MHC). The design incorporated 24 ICU patient rooms with “inboard toilets”, which would better accommodate the existing glass curtain wall and maximize the natural light into each patient room. All of the patient rooms feature a “same handed” design with the staff always entering on the patient’s right side, significantly increasing the staff’s efficiency. The design also utilized a decentralized care team work model with dispersed nursing stations directly across from each patient room providing direct visualization of patients.

4 of the 24 rooms are Airborne Infection Isolation (A.I.I.) Rooms with ante rooms. The specialized mechanical system incorporates fully exhausted A.I.I. rooms as well as a “Pandemic Mode” which can quickly change the air flow from recirculating to 100% exhausted for the 20 standard rooms.

