



# BETH ISRAEL PLYMOUTH

## EMERGENCY ROOM EXPANSION

### FABRICATION

6 Months

### INSTALLATION

3 Months

### SIZE

7,000 SF

### LOCATION

PLYMOUTH, MA

### BUILDING PARTNER

Axis Construction Corp.

### CHALLENGE

- Reduce labor requirements and accelerate schedule while cutting costs below those of conventional construction
- Avoid disrupting intake area of existing ER during construction

### SOLUTION

- Simultaneous off-site construction and site development cut weeks off original schedule
- 85% completed off-site, including medical gas outlets, floor-to-ceiling glass doors, firesafe walls, pneuma

### SUCCESS

- Avoided tens of thousands of dollars in added expense by preventing delays to multi-million dollar expansion
- Drastically reduced site activity ensured minimal disruption

SCHEDULE ACCELERATION

LEAST SITE IMPACT

COST CERTAINTY



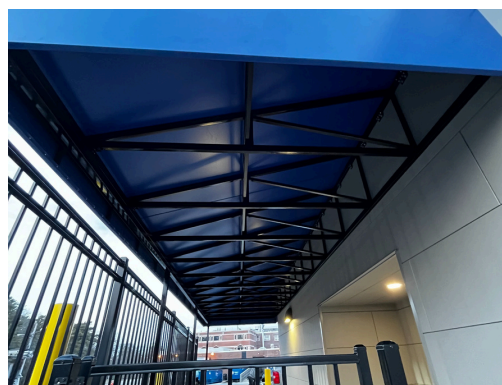
## PROJECT PROFILE

Beth Israel Deaconess Hospital-Plymouth broke ground in February 2023, preparing the site and laying the foundation and required retaining wall. At the same time MODLOGIQ began manufacturing modules at our New Holland, PA plant. Compared to conventional construction, this simultaneous production approach will cut months off the schedule. As soon as the foundation and site prep work are complete—targeted for June of 2023—the 12 modules will be transported and installed in a matter of days, greatly reducing the amount of construction disruption on the hospital grounds. With the modules finished to an 85% completion level—including plumbing, AC, lighting, drywall, doors, windows, flooring, HVAC, FF&E, and fully installed fire safety and medical gas and telemetry systems—finishing off the modules and restoring the site will be completed in record time for an accelerated opening date of November 2023.

Mark Tarlton, Senior Director of Facility Planning & Construction at Beth Israel Deaconess Hospital-Plymouth, chose off-site modular construction to accelerate completion and minimize disruption to their space-constrained campus. In the Emergency Department, the hospital will increase the size of its current footprint and renovate existing space to allow for additional private rooms for medical and behavioral patients, as well as an environment more conducive to healing and the patient experience. "The new observation unit will alleviate wait times in our emergency department by keeping patients out of an inpatient setting, making our patient experience more comfortable," said Tenny Thomas, MD, chief medical officer, BID Plymouth. "

# BETH ISRAEL PLYMOUTH

## EMERGENCY ROOM EXPANSION



2023 © MODLOGIQ | 191 Quality Circle, New Holland, PA 17557 | 717.354.7770 | www.MODLOGIQ.com



SCHEDULE ACCELERATION

LEAST SITE IMPACT

COST CERTAINTY