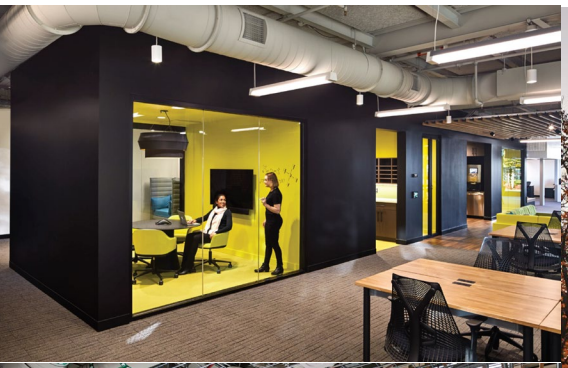
CASE STUDY

TRIUMPH MODULAR
A TECNOFAST COMPANY®

Client: Harvard University

Harvard Pagliuca Innovation Lab

Life Sciences Laboratory Building



Harvard University identified the need to provide students and alumni interested in biotech, pharma, and other life sciences-related fields the resources they needed to take their ventures to the next stage of development. There wasn't a sufficient space nearby that would meet their requirements. It was a consideration not only to build on campus but also to select a construction method that would accelerate the process. The goal was to create a fully equipped wet lab environment to encourage collaboration among the various schools.

Having had little experience with volumetric modular construction, Harvard engaged the Triumph Modular / MODLOGIQ team to assist with the design, scope of work development, and fabrication of a 15,000-square-foot facility, including complex lab-specific MEP systems and equipment. Worktables, seating, collaboration, and kitchen areas are critical features of the facility's first floor. The second floor includes thirty lab benches equipped with compressed air and vacuum lines, a chemical waste system, a self-contained walk-in environmental room, tissue culture rooms, and fume hoods. Exterior and interior walls feature expansive glass systems, with a large central skylight, elevator, and finishes that include murals and wood slat ceilings, highlighting a Class A interior environment.

Harvard chose a modular rather than a conventional build to take advantage of concurrent construction, allowing site activities to progress during building fabrication. Completion to occupancy was accelerated by an estimated twelve months, enabling early occupancy of the approximately twenty ventures slated to utilize the facility.

Project Details

Location
Cambridge, MA

Square Feet
15,000

Modular Units
33

Modular Factory
MODLOGIQ