

THE NEW INPATIENT BUILDING

AT BETH ISRAEL DEACONESS
MEDICAL CENTER

where **EXTRAORDINARY** lives



The Right **BUILDING** at the Right **TIME**

Without your generosity and leadership support, we would not be able to share this meaningful update on the significant progress being made on Beth Israel Deaconess Medical Center's new inpatient building. Despite the challenges of the pandemic, construction has not stopped due to the collective acknowledgement of how vital this building will be to BIDMC and the Greater Boston community. Designed to support the exceptional critical care of our patients, our innovative approach to treatment, and our commitment as an academic medical center, the building will bolster our efforts to attract, train, and retain top talent. As construction continues, the building is taking physical shape while staff from across BIDMC's campus develop its internal structure.

As a Level I Trauma Center, the building will prioritize acute care, dedicating an entire floor as an intensive care unit (ICU) space. In addition to this floor, which will significantly increase BIDMC's capacity to treat our most high-risk, high-acuity patients, the building will include numerous state-of-the-art procedure rooms. A designated emergency command center, private patient rooms, and sophisticated infection control systems will enable frontline response teams to rapidly triage patients and provide isolation to those in need if we are confronted with another pandemic or future healthcare crisis.



BIDMC prides itself on being a hub of innovation. As we conceived the facility's design and construction, BIDMC's planning team deliberately prioritized environmental sustainability and plans to incorporate energy- and resource-efficient features. As a Leadership in Energy and Environmental Design (LEED) Silver certifiable building, the project will include specialized roofs, energy-efficient cooling and heating systems, rainwater harvesting, recycling structures, and more—all harnessing the power of technology to decrease our environmental footprint.

Serving as a gateway to the Longwood Medical Area, the building will enable BIDMC to make meaningful contributions to the local community. The construction project will enhance pedestrian safety, as well as improve vehicle access by creating bike lanes along Brookline Avenue and widening Pilgrim Road to accommodate two-way traffic. The building's loading docks will allow access for larger trucks, and curbside drop-off zones will be increased to include a second valet location.

“

We will shape this building on the foundation of our commitment to compassionate care for all. And in turn, we will *be* shaped by the extraordinary things that will rise from what we have built.

Kevin Tabb, MD
President and Chief Executive Officer
Beth Israel Lahey Health

”

BIDMC'S NEW INPATIENT BUILDING MILESTONES

2019–PRESENT

June 2019



New Inpatient
Building
Groundbreaking
Event

June 2019

Excavation
Begins at
Construction Site

December 2019

Permitting
Complete

December 2019



Elevating EXCELLENCE

Since we broke ground in June 2019, tremendous progress has occurred in many aspects of the building's plans, site preparation, and foundation construction. However, only recently has this progress been visible to the public.

Among them, the Berenson Emergency Department, located in the Leon V. and Marilyn L. Rosenberg Building, was renovated, which included constructing a new entrance. Additionally, exterior work was completed on the Rosenberg Building to facilitate the installation of steel beams connecting it to the new building.

At the same time, existing structures were cleared, and initial surveying of the site was completed. Once the construction site was ready, excavation of the land commenced. Pre-trenching and guide wall installation were completed in January 2020, followed by the installation of slurry walls, the last of which was installed in March. These walls, used to reinforce the concrete foundation, are located well below ground level and are preferable to other foundation options because of the low impact they have on adjacent buildings. This time coincided





Clearing Site of Historic Foundations and Abatement



December 2019

Openings Created in Rosenberg Exterior to Facilitate Future Steel Installation



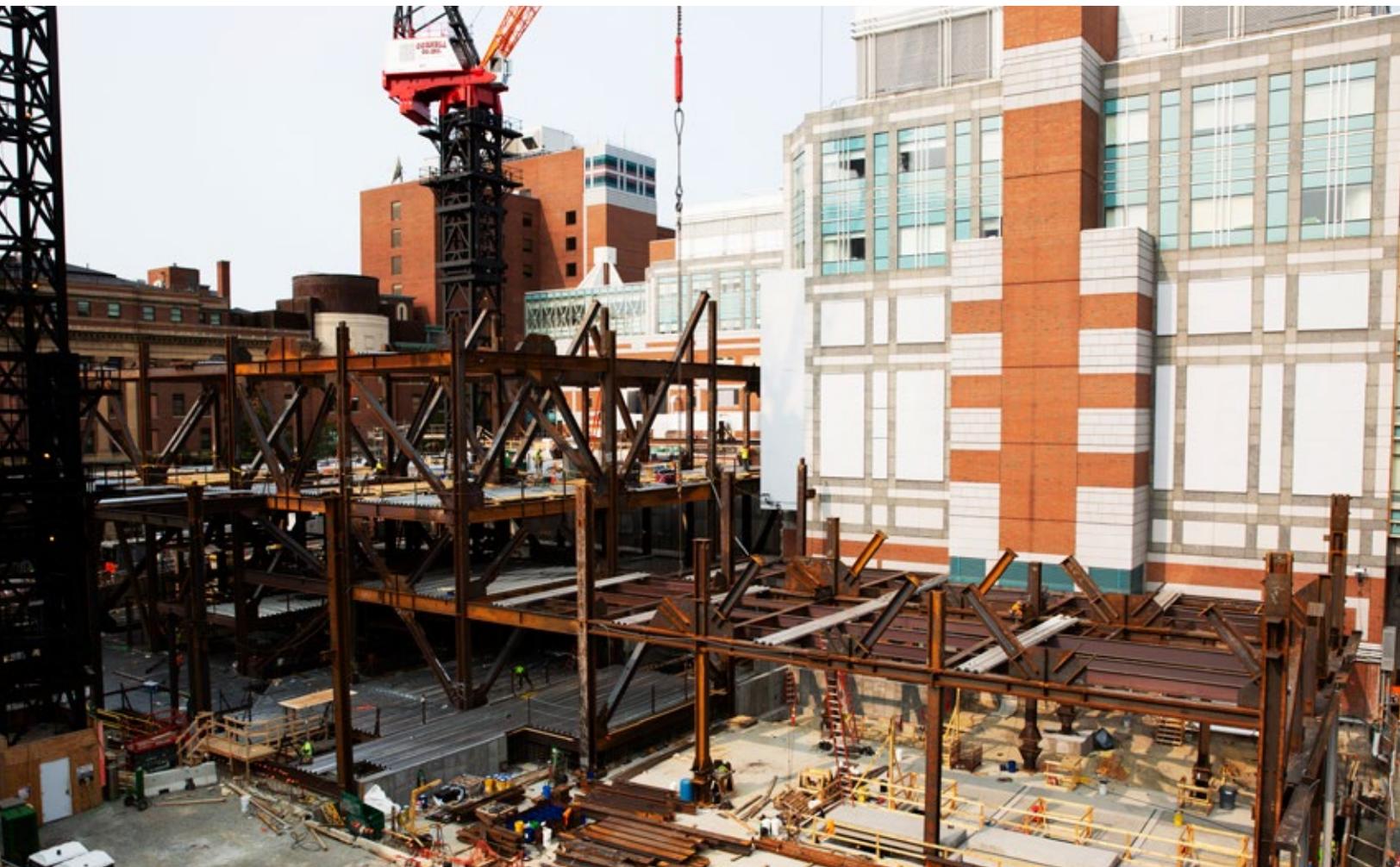
January 2020

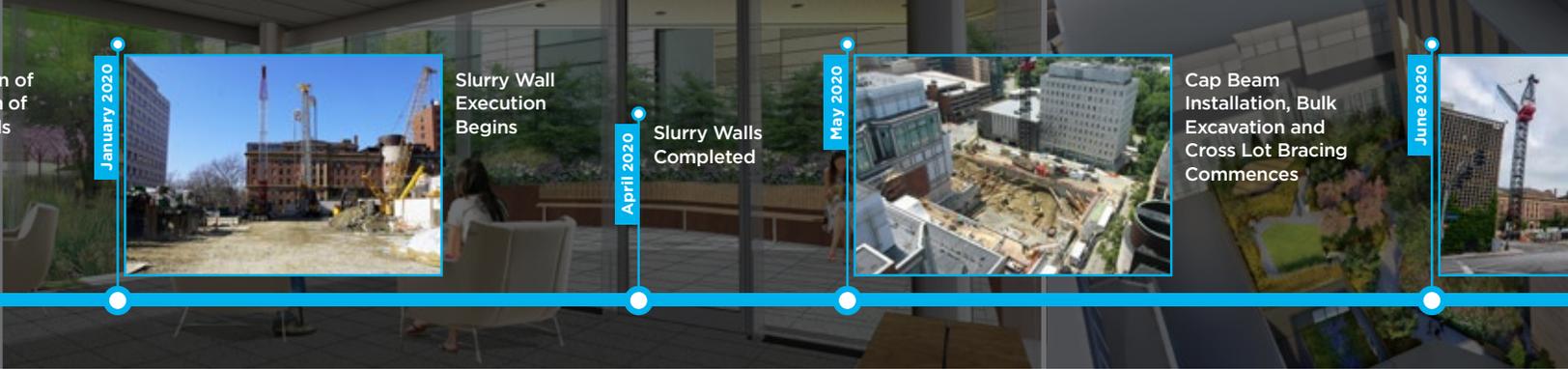
Preparation Installation Slurry Wall

with the beginning of the COVID-19 pandemic and prompted concern about how construction could be impacted. We were fortunate that the City of Boston deemed our project essential—enabling it to continue without delay.

The building's foundation was completed in July, readying the construction site for a very significant milestone—the installation of the steel structure enabling the building to rise from the ground. During this time, two large tower cranes arrived on campus in late June and early July. Measuring 400 feet high, they are visible from across the city. These cranes are responsible for installing the building's steel structure, which will soar to 250 feet from ground level.

These critical steps have paved the way for the shipment of approximately 6,000 structural steel pieces from Canada, where they are being manufactured, to begin. The first steel column was installed on August 19, 2020. Looking ahead, the construction team will receive between four and five truckloads of steel each day as the vertical structure of the building takes shape.





January 2020



Slurry Wall Execution Begins

April 2020

Slurry Walls Completed

May 2020



Cap Beam Installation, Bulk Excavation and Cross Lot Bracing Commences

June 2020



INFECTION Control

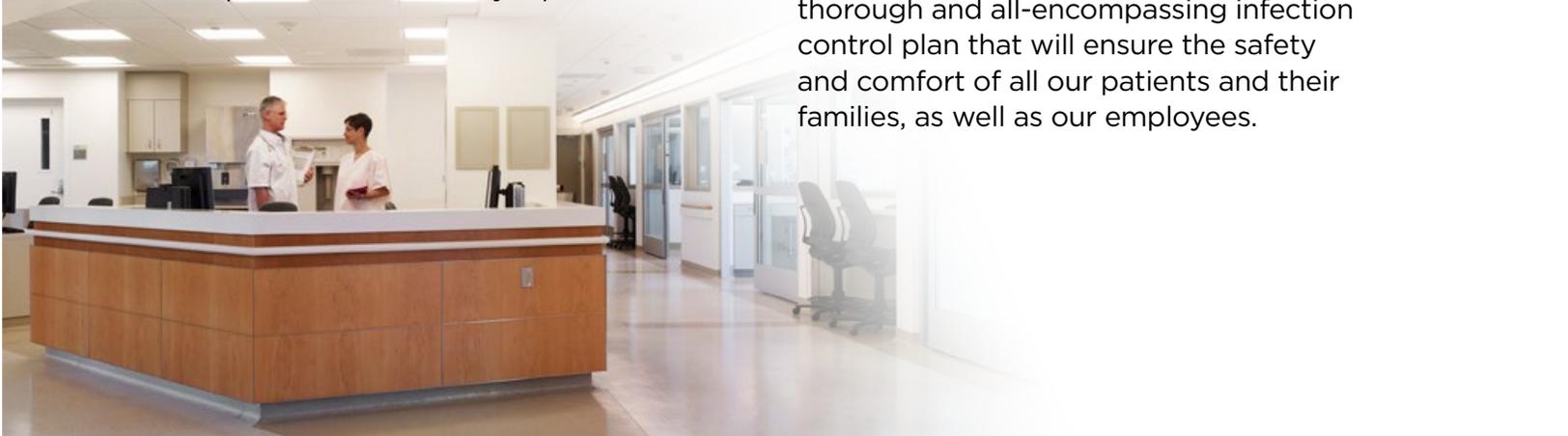
Healthcare professionals have acknowledged the vital importance of infection control. Well before COVID-19 emerged as a global crisis, infection control was top-of-mind and was incorporated into the building's design. BIDMC's infection control and hospital epidemiology unit, under the direction of Mary LaSalvia, MD, MPH, interim chief of the Division of Infectious Diseases, actively manages the medical center's policies and procedures to ensure the most current techniques and protocols are being implemented at every level of the organization. This unit was thrust into the spotlight when the COVID-19 pandemic impacted our area, and it is due in large part to their knowledge and expertise that BIDMC fared so well with minimizing transmission of the disease.

Experience has taught us that being strategic about where and how we incorporate essential patient care tools dramatically increases their effectiveness. Early in the planning of the building's design, our team of infection control experts reviewed every square inch of the



building to identify the standard infection control required and where additional protocols and equipment were needed due to the usage of space.

The building will incorporate the most innovative technology available to provide a constant source of sanitization and disinfection. Policies and procedures already developed to focus on eliminating sources of environmental contamination will ensure the cleanliness of the building and prevent the transmission of organisms that can cause healthcare-associated infections. These efforts have resulted in the development of an extremely thorough and all-encompassing infection control plan that will ensure the safety and comfort of all our patients and their families, as well as our employees.





Honoring our **HEALTHCARE HEROES**

In today's healthcare climate, there is a growing demand for BIDMC to cater to high-risk, high-acuity patients—those who need the type of care that only an academic medical center of our caliber can provide. The new inpatient building was carefully designed with this role in mind, and the current public health crisis has only emphasized its importance. BIDMC has a fundamental responsibility—both in times of crisis and every day—to lead the way in providing extraordinary care for our patients and solving emerging healthcare challenges with our unique brand of innovation, compassion, and commitment to community.

Our buildings are filled with extraordinary people. This pandemic has reminded us of what it means to be a hero—the countless selfless acts, made day after day, in service to others. It is for this reason that we have decided to recognize the heroism of our frontline staff by naming the sixth floor ICU in honor of our healthcare heroes. We will forever be grateful for their willingness to put aside their fears and anxieties and dedicate themselves to treating each patient like family.



Beth Israel Deaconess Medical Center



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL