



Peabody Museum Renovation and  
Addition KGL Code Upgrade  
Construction Progress Town Hall

September 8, 2021



# Peabody Museum Addition and Renovation Milestones

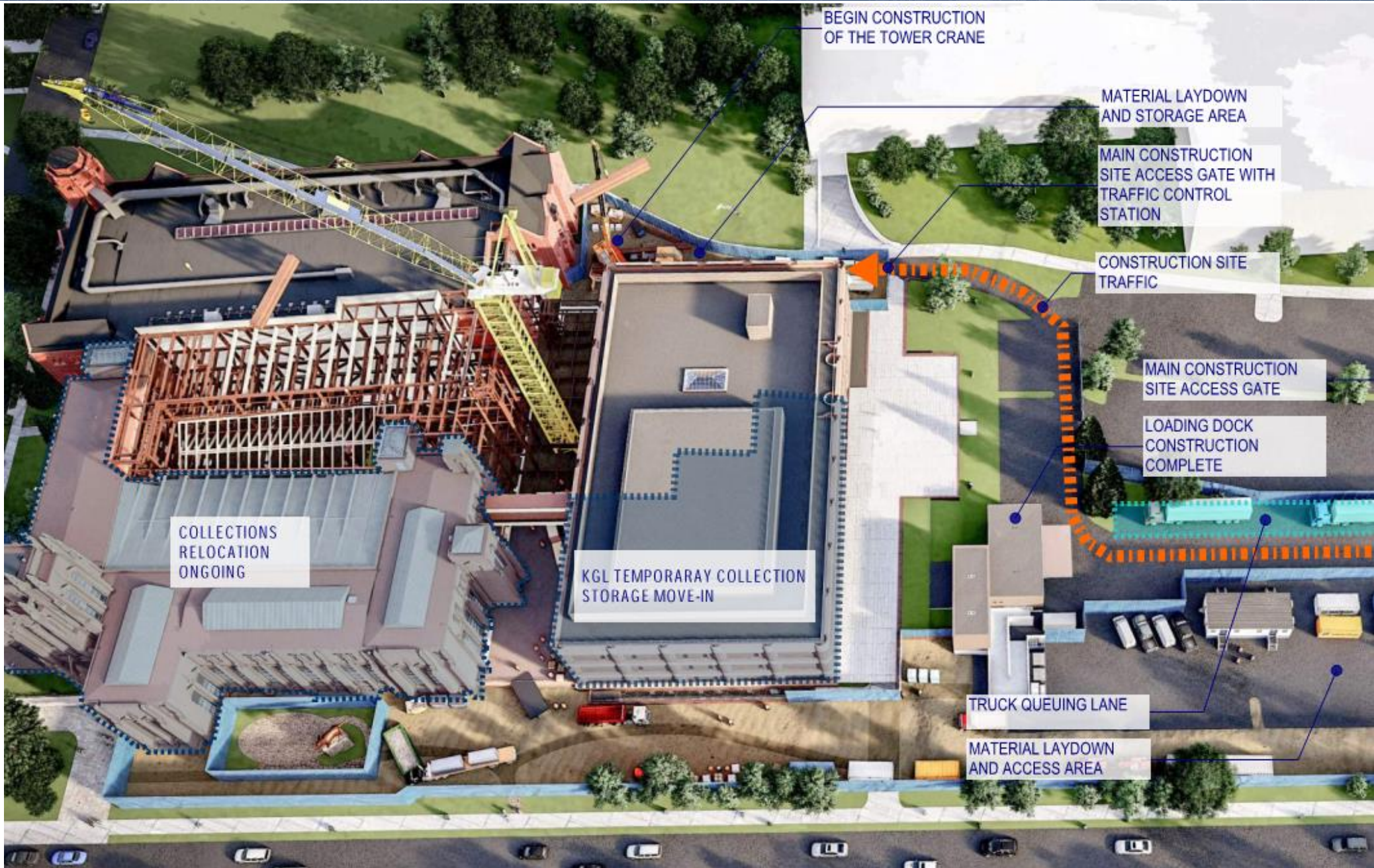
## Construction Milestones

- Peabody tower crane erection: 6/18/21
- New addition structural steel begins: 6/21/21
- Peabody transition to construction: 7/15/21
- Loading pavilion complete: 8/10/21
- Addition foundations complete: 8/27/21
- Bridge removal complete: 9/30/21
- Peabody window replacement begins: 9/30/21
- Peabody addition steel complete: 12/1/21
- New addition timber framing begins: 12/1/21
- Peabody addition exterior watertight: 4/7/22
- Dismantle tower crane: June 2022
- Construction project complete: December 2022
- Exhibit installation begins: January 2023



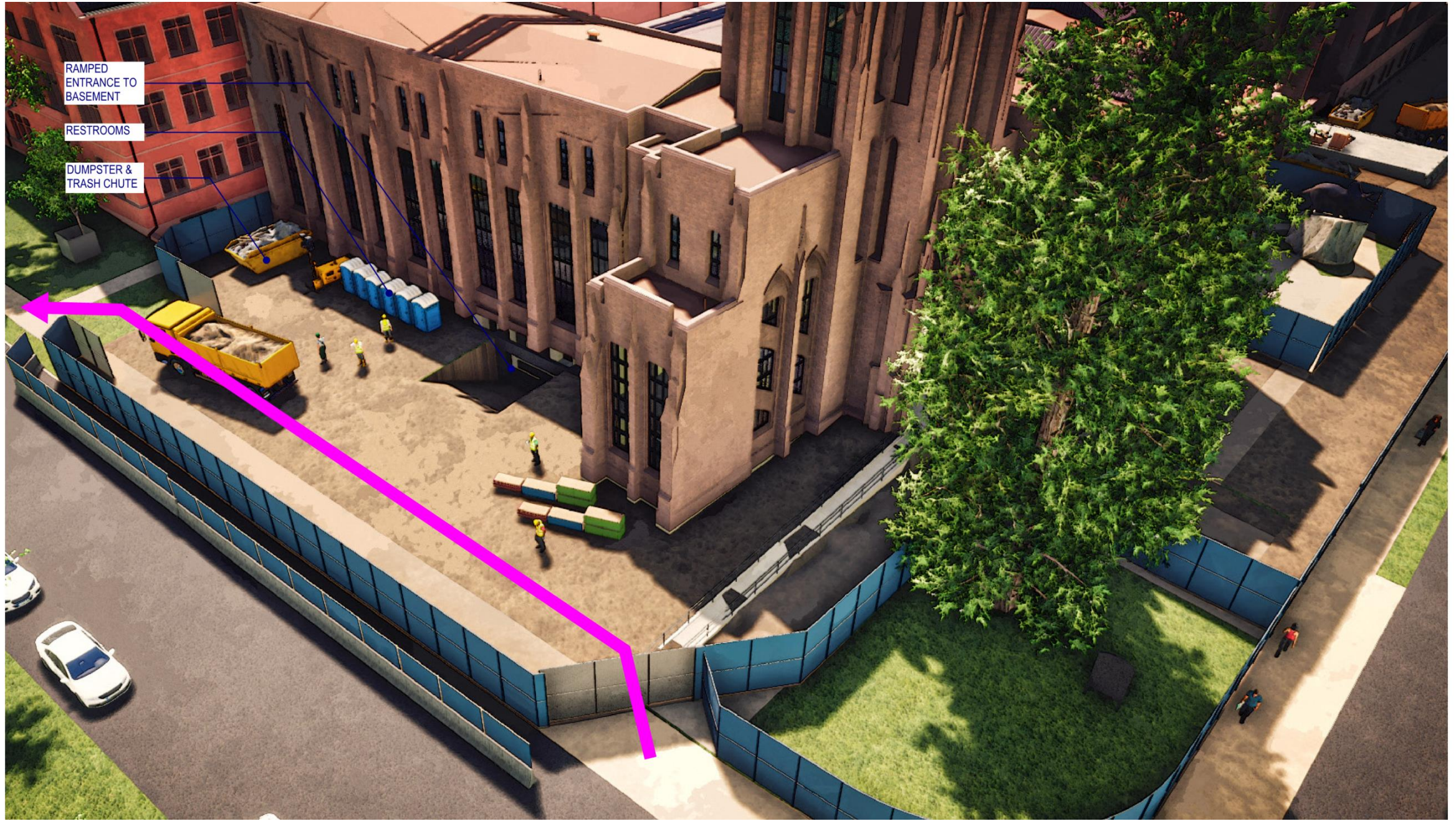


# Project Site Logistics





# Sachem Lawn – Site Fencing October 2021





# Temporary HVAC on Exterior of East Elevation



Photo Credit: Fly on the Wall Productions



# Temporary HVAC on Exterior of East Elevation





# Peabody / KGL / ESC New Loading Pavilion Rendering





# Peabody / KGL / ESC New Loading Pavilion



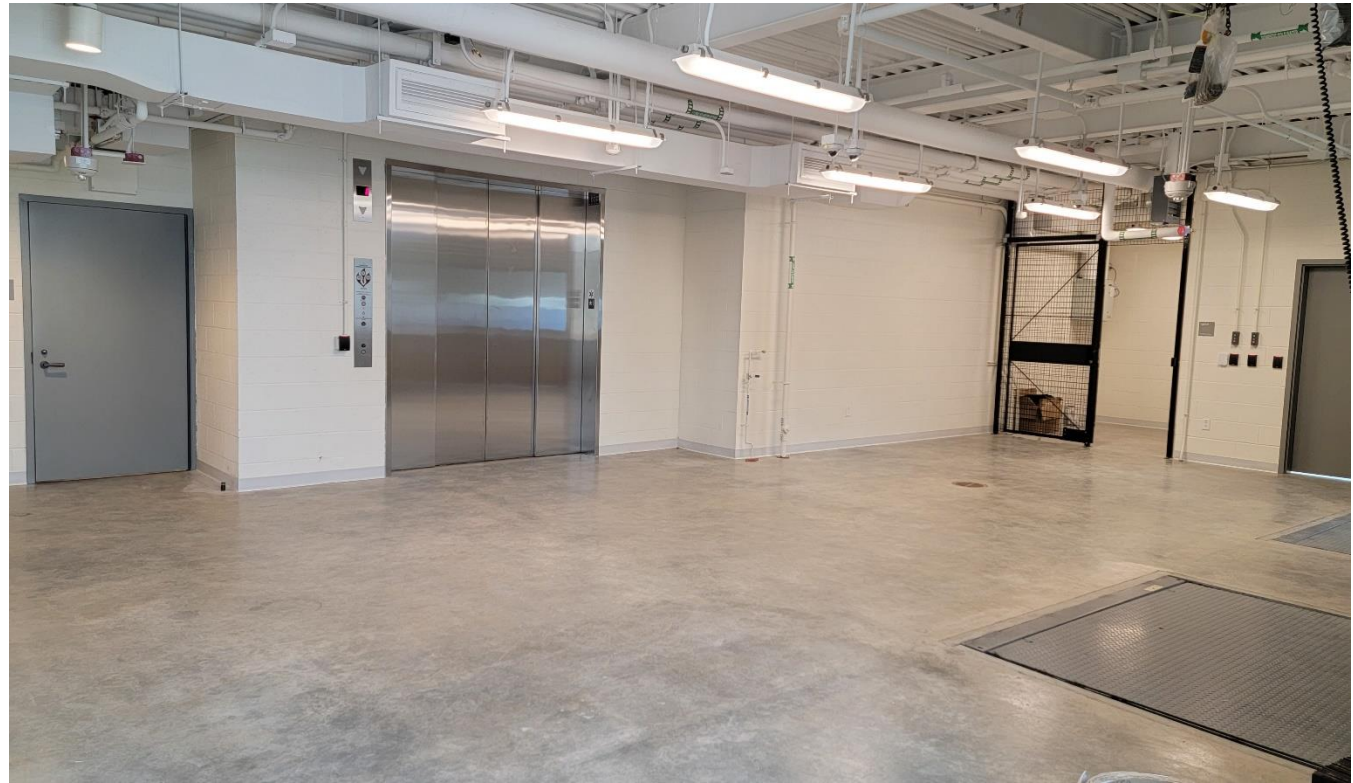
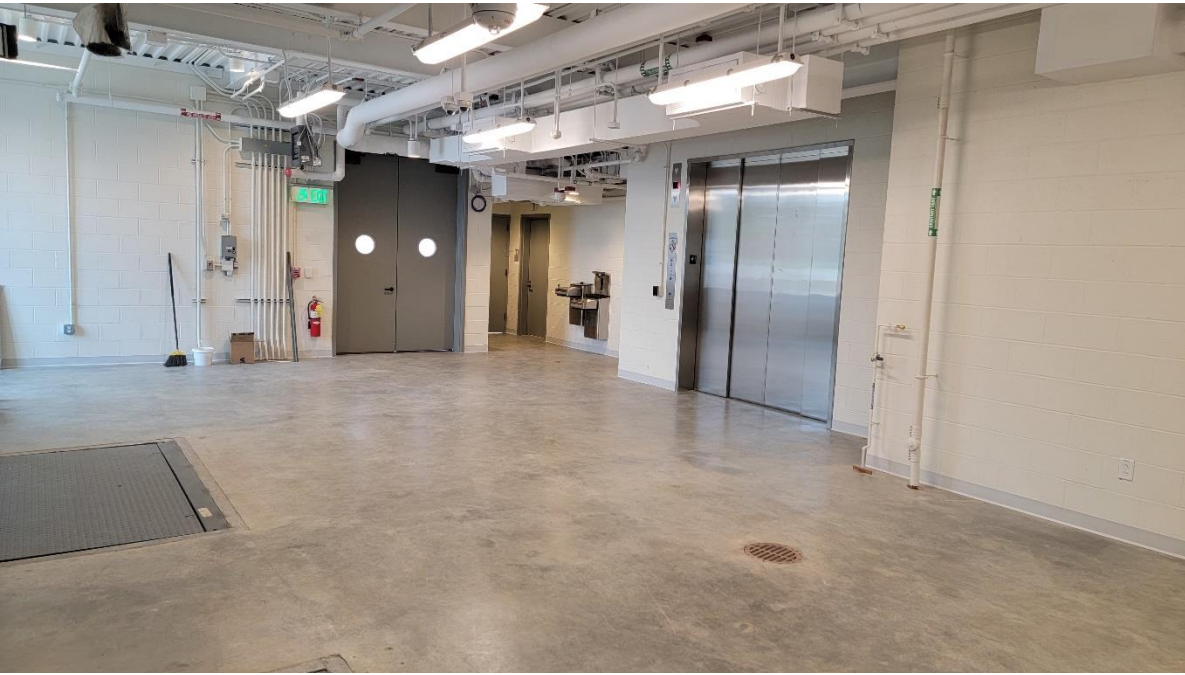


# Peabody / KGL / ESC New Loading Pavilion





# Peabody / KGL / ESC Loading Pavilion Interior



**STATE OF CONNECTICUT**  
 DEPARTMENT OF ADMINISTRATIVE SERVICES  
 OSBI - BUREAU OF ELEVATORS

**TEMPORARY ELEVATOR OPERATING CERTIFICATE** (1022-C REV.11/16)

This certificate, issued under 29-196 of Chapter 538 of the Connecticut General Statutes, authorizes operation of the elevator described below. Valid for 30 days after date below.

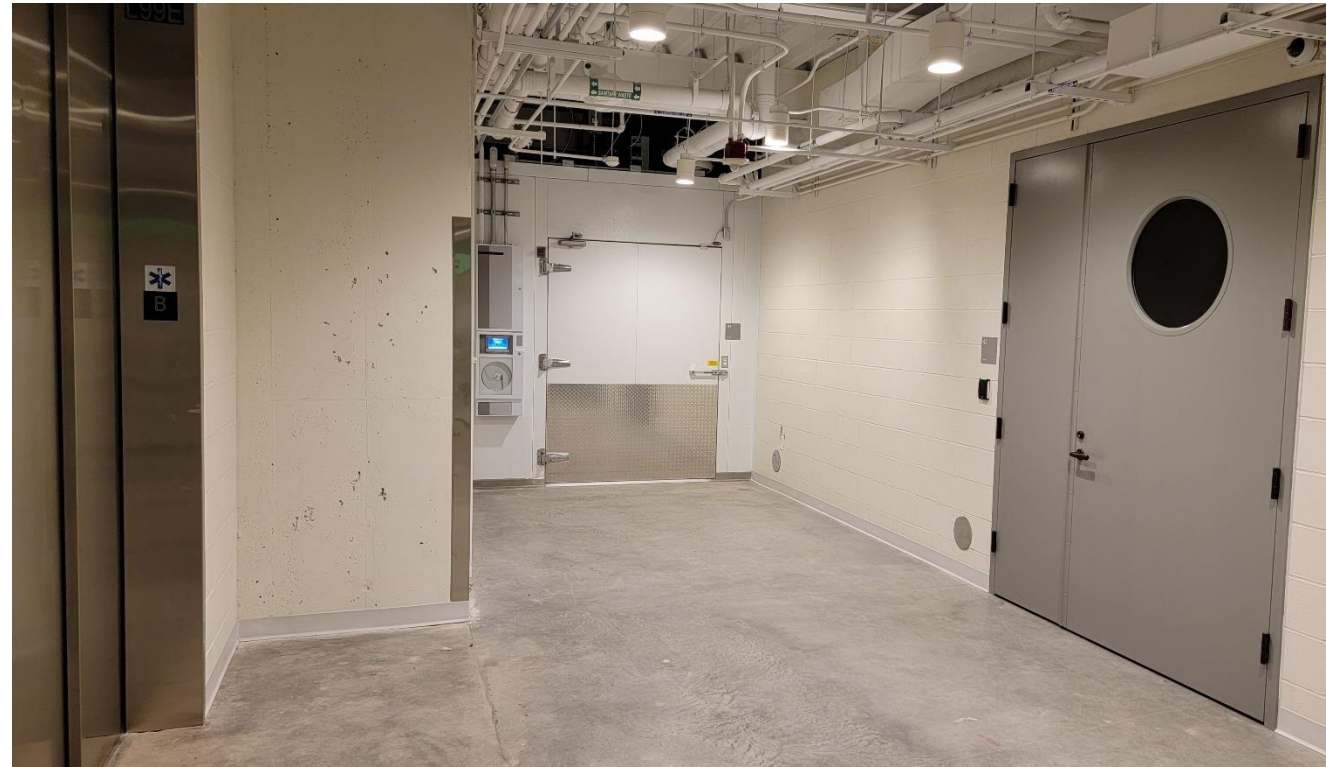
USER	<i>Yale Peabody Museum</i>	ADDRESS	<i>170 Whitney Ave. New Haven CT 06510</i>
REGISTRANT	<i>Yale University / Facilities</i>	ADDRESS	<i>PO Box 209259 New Haven CT 06520</i>
CAPACITY	<i>1500 lbs</i>	SPEED	<i>50 fpm</i> DATE <i>11/12/17</i>
INSPECTOR	<i>MADDEN</i>	REG. NO.	<i>093-2097</i>

Bureau of Elevators, 450 Columbus Blvd, Ste 1303, Hartford, CT 06103 Phone (860) 713-5808

**POST UNDER GLASS IN ELEVATOR CAB**  
 ORIGINAL CERTIFICATE TO FOLLOW



# Peabody / KGL / ESC Loading Pavilion Interior Connection in KGL Basement





# Peabody Courtyard Rendering





# Bridge Demolition



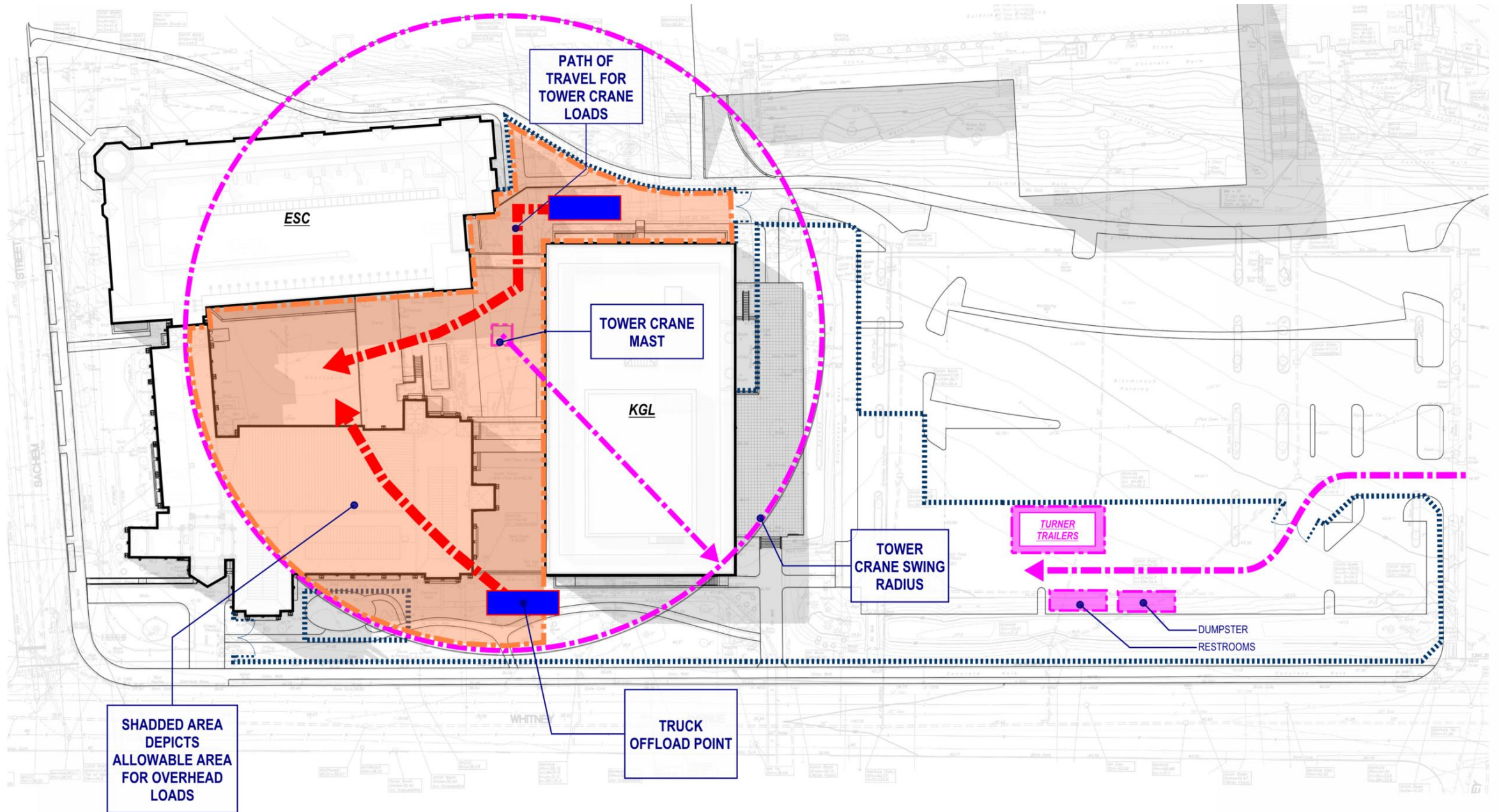


# Tower Crane



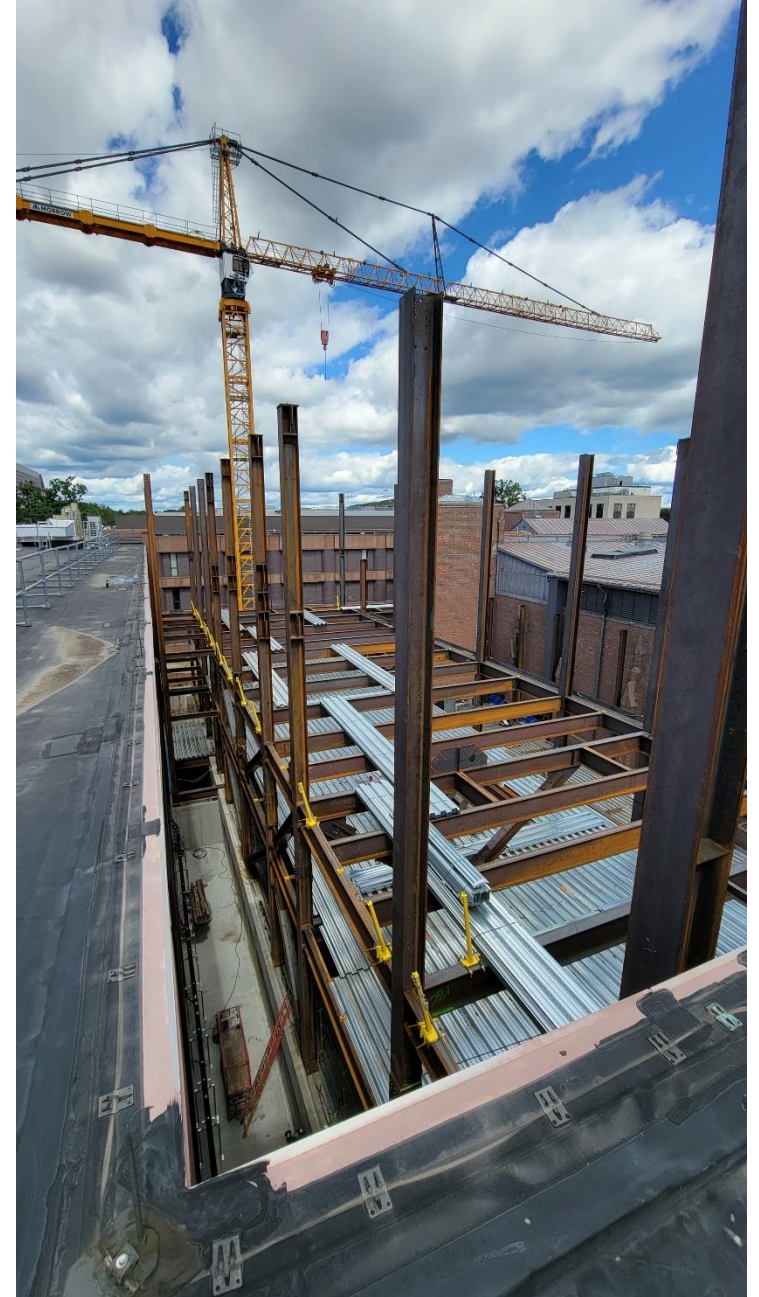
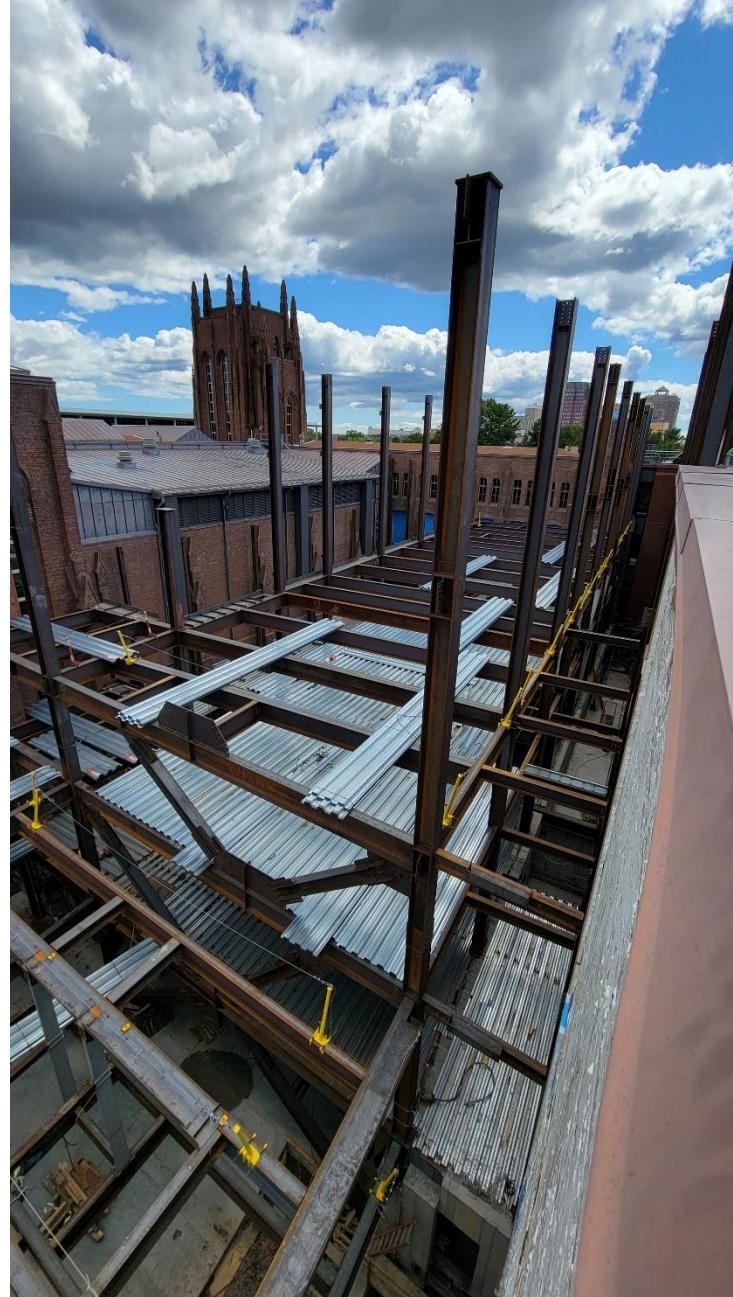


# Tower Crane Swing Radius & Load Path of Travel





# Peabody New Addition





# Peabody New Addition



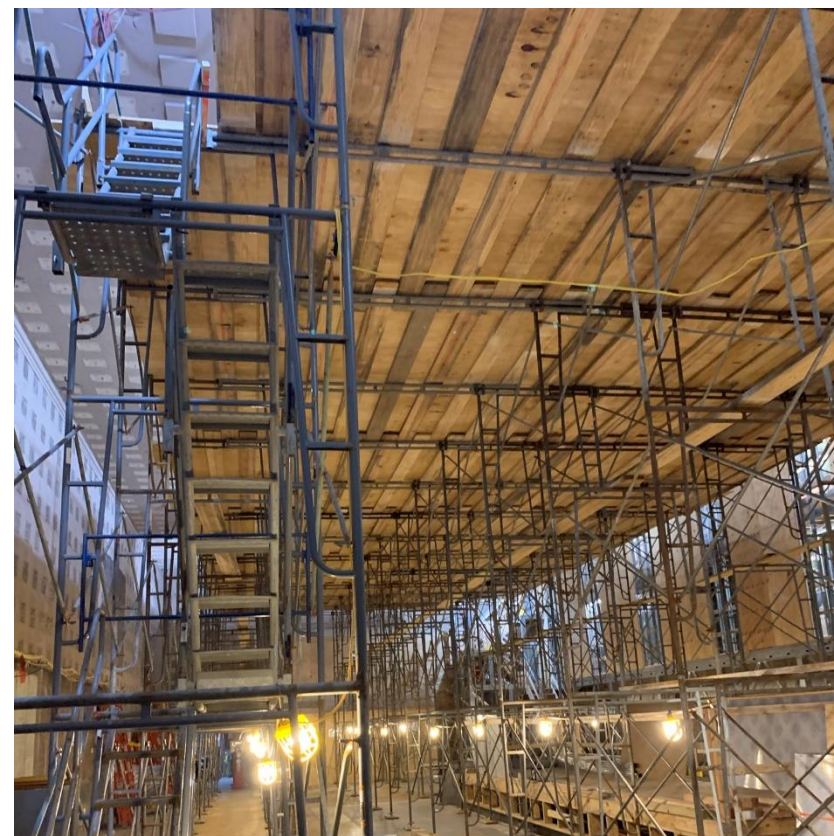


# Peabody New Addition





# Great Hall





# Diorama Protection

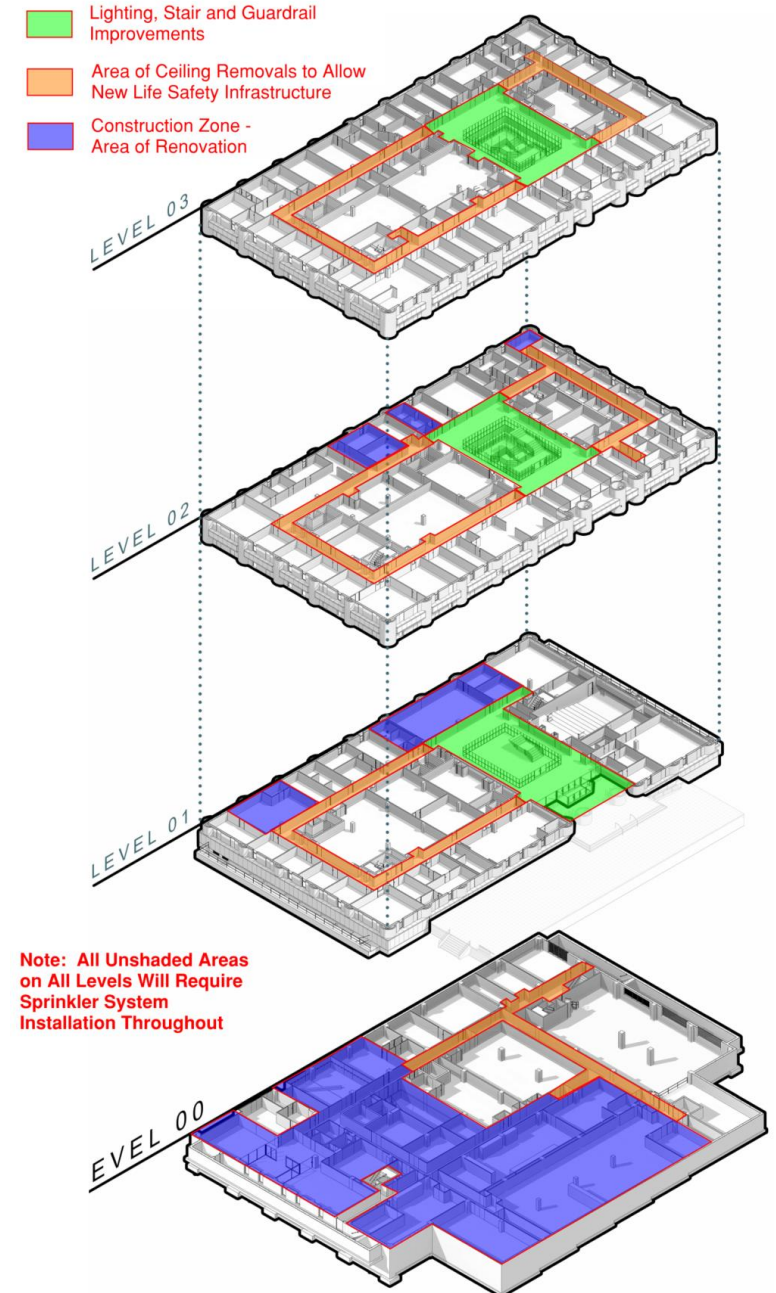




# KGL Code Upgrade Milestones

## Construction Milestones

- Work commences: 11/9/20
- Corridor ceiling removals: Complete
- Corridor flooring abatement: Complete
- Fire protection system installation: Complete
- Lab 113 and 120 renovations: Complete
- Men's restroom renovations: Complete
- Corridor finishes restoration: Complete
- KGL room 220 complete: 10/29/21
- KGL terrace complete: 10/29/21
- Atrium glass guardrail installations: 9/30/21 – 10/29/21
- Front entry stone replacement: 9/1/21 – 10/29/21
- Construction project complete: Fall 2021





# KGL Basement – Corridors



Before *(typical)*

After

After



# KGL Basement – Corridors







Typical Corridor in Progress

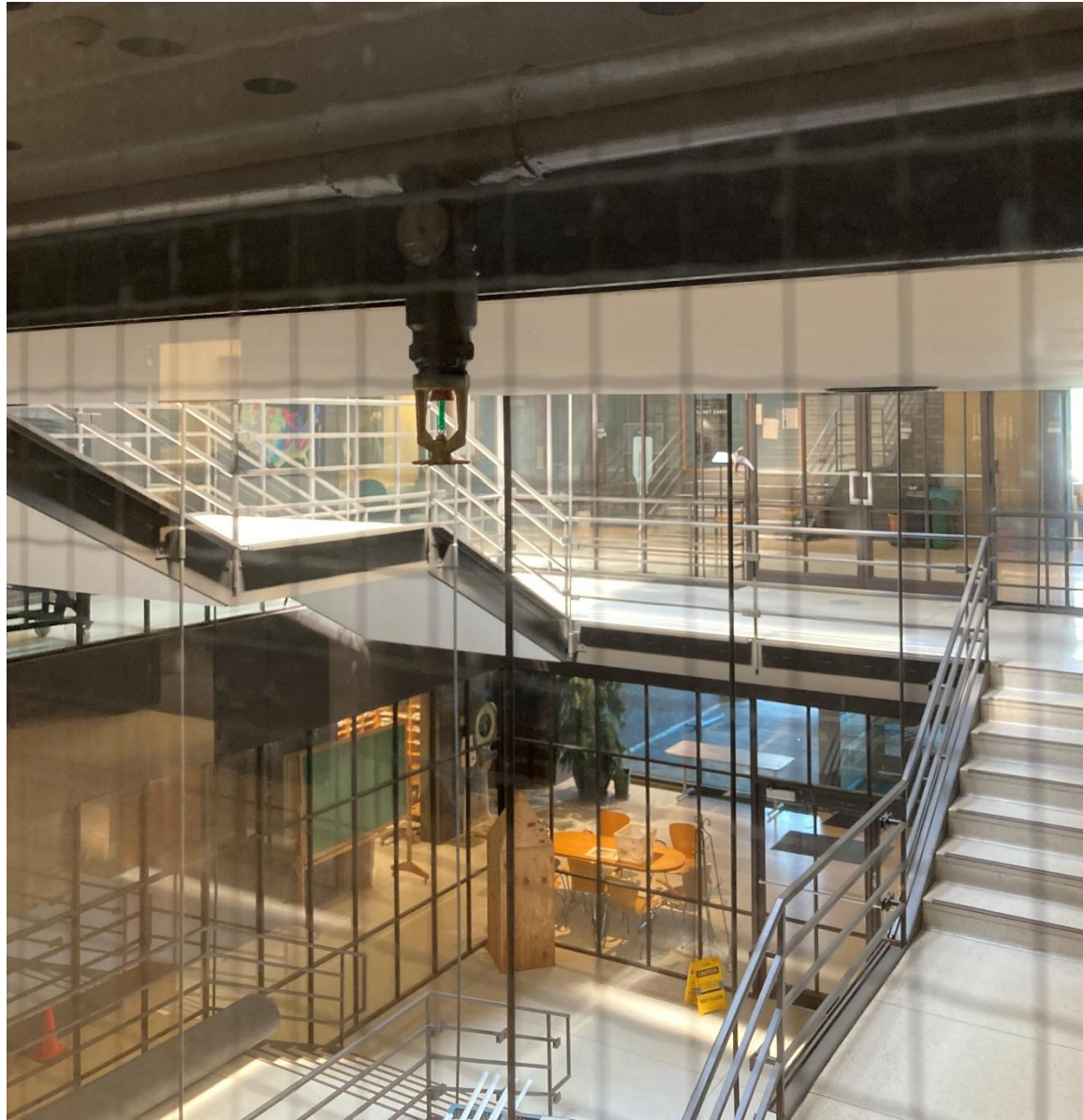


Typical  
Sprinkler Head  
(concealed)

Typical Corridor Complete

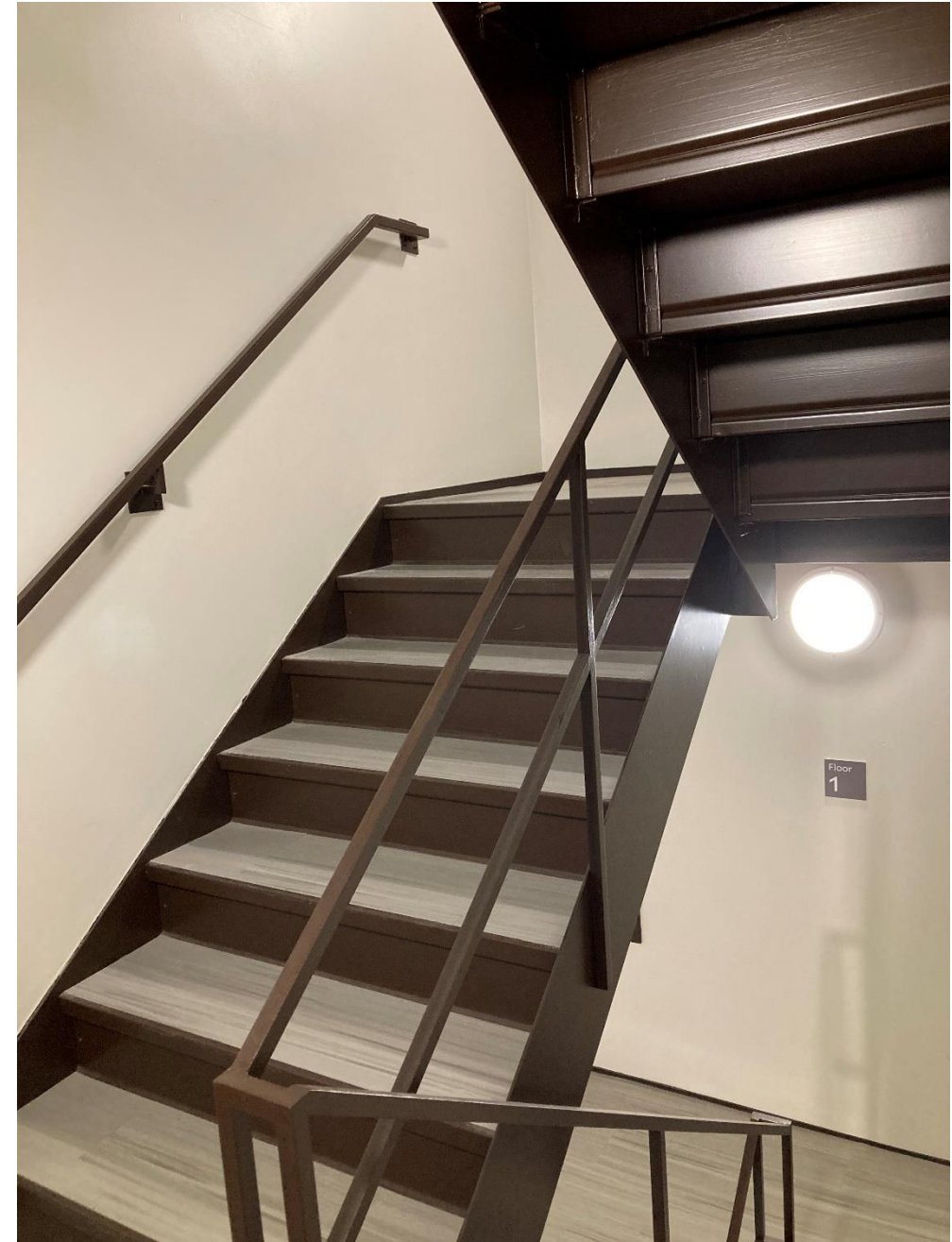


# KGL Code Upgrades – Typical Sprinkler Heads *(exposed)*





# KGL Code Upgrades – Typical Stairwell Completed





# KGL Code Upgrades

Room 120 Before



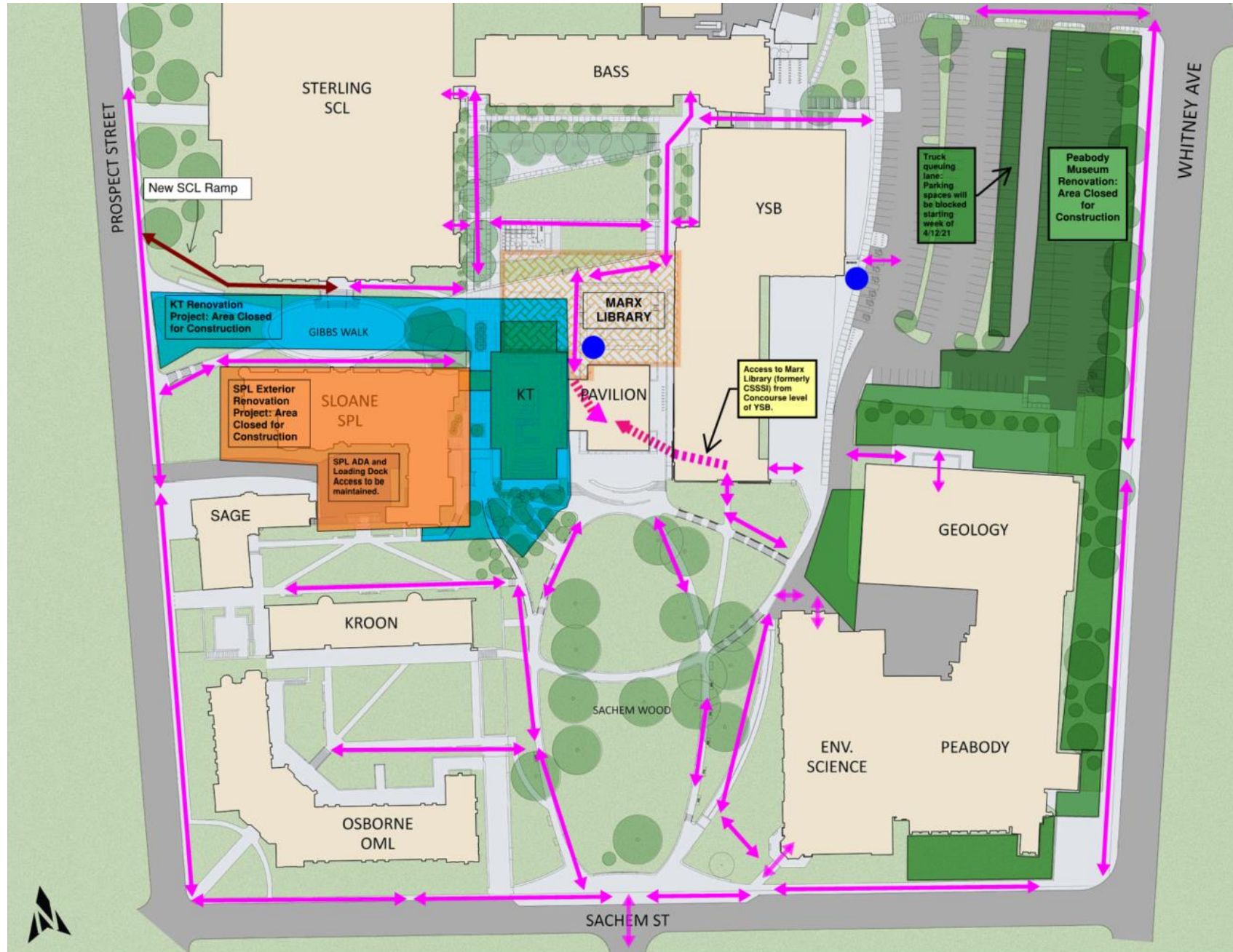
Room 120 After



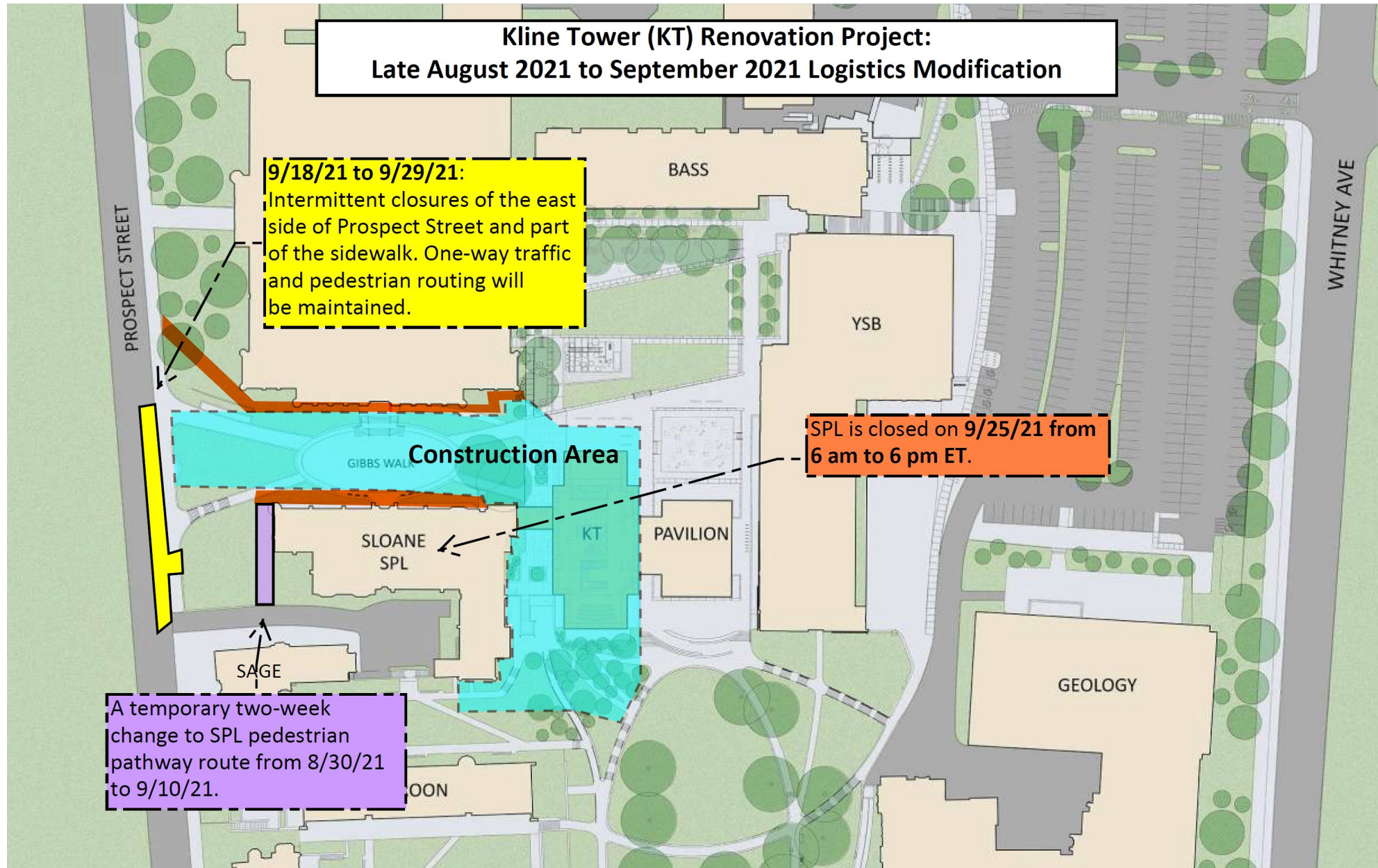
Room 120 After



# Science Hill Overall Pedestrian Routing



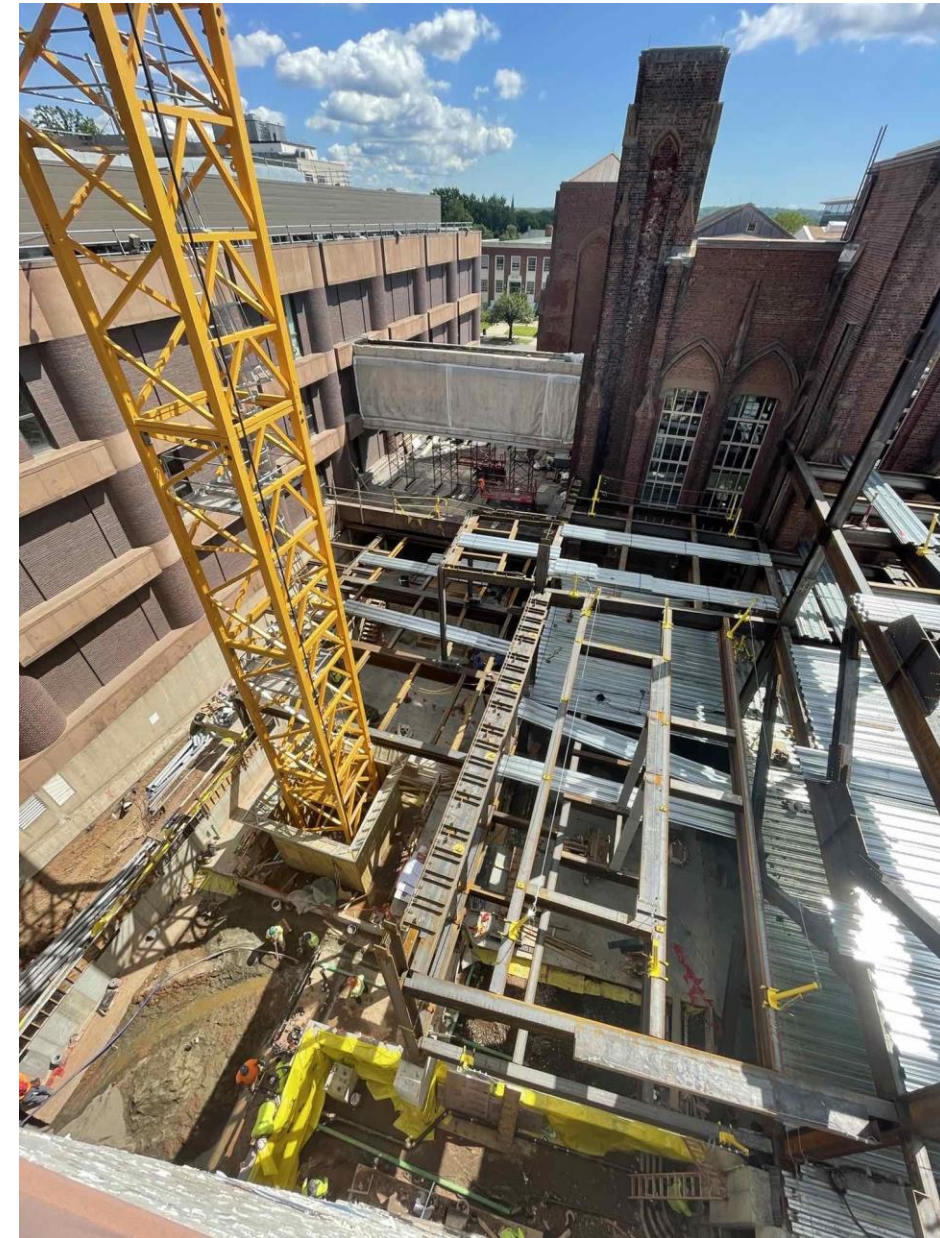






# Peabody Museum Fun Facts

- 11,000 cubic yards of soil were removed from the courtyard for the new addition, this equates to approximately 750 dump truck loads.
- The project has 4,500 cubic yards of concrete which equates to 450 trucks of concrete. This would enough concrete for a city sidewalk that was 18 miles long!
- The project consists of 950 tons of steel consisting of over 1,500 individual pieces.
- The tower crane has a mast height of 170 feet, a reach of 205 feet and is capable of lifting the equivalent of 5 combined automobiles at its furthest reach. It sits on solid rock below the building's foundation and is anchored 30 feet deep by 8 tension anchors capable of resisting over 2 million pounds of force.
- The building's new piping systems equals approximately 80,000 linear feet of piping combined. This roughly equates to the distance of a half marathon.







Questions?



## Peabody Renovations and KGL Code Upgrades

Justin Pezzolesi

Senior Project Manager

[justin.pezzolesi@yale.edu](mailto:justin.pezzolesi@yale.edu)

Sheri Miller

Director of Planning and Project Management

[sheri.miller@yale.edu](mailto:sheri.miller@yale.edu)

<https://sciencehillprojects.yale.edu/gallery/peabody-museum-renovation-addition>

<https://peabodyevolved.yale.edu/late-summer-construction-update/>



### LATE SUMMER CONSTRUCTION UPDATE

8.25.2021

Turner Construction was kind enough to give us a walking tour of the site last week!

They've completed construction on the new Peabody loading dock (photo 1) and have replaced the Great Hall dinosaurs with a field of scaffolding (photos 8 & 9). Progress is being made on the addition that will one day hold our Central Gallery and Peabody Studio.

