

Building Improvements

Building improvements scope of work

- ▶ Minimum threshold for occupancy
 - Filtration – increase to MERV-13
 - Ventilation – retro-commission air handling equipment, handle additional pressure from filters
 - CO₂ Monitoring – Ongoing quality control for ventilation
- ▶ Additional work while buildings are occupied
 - Disinfection – UV germicidal irradiation
 - Humidification – lower transmission rates
- ▶ Consistent with Harvard School of Public Health

Building completion update

- ▶ All filters delivered, installed at Group 1 & 2, and in process for Group 3
- ▶ Retro-commissioning in process at Group 1, 2, JFK, & WHCS
 - ▶ Coordinating with maintenance contractor
 - ▶ Reviewing technical details at East
- ▶ Portable units in process
- ▶ CO₂ monitors in process
- ▶ Wellness room exhaust in process

Construction schedule risk factors

- ▶ **Supply chain**
 - ▶ Constantly evolves
 - ▶ Actively managing
- ▶ **Labor force**
 - ▶ General availability
 - ▶ C-19 impacts
- ▶ **Schedule estimates**
 - ▶ Accuracy of projections
 - ▶ Quality of details
- ▶ **Design omissions**
 - ▶ Adds work
 - ▶ Higher risk given lack of detailed design
- ▶ **Unforeseen conditions**
 - ▶ Changes/Adds work
 - ▶ Higher risk given lack of detailed design
- ▶ **Complexity/Quantity of work**

Construction schedule update

			Ventilation & Filtration Improvements																				
Projected Completion			D	January					February				March					April				May	
Optimistic	Pessimistic		28	4	11	18	25	1	8	15	22	1	8	15	22	29	5	12	19	26	3	10	
New High School	1-Feb-21	22-Feb-21	Red	Red	Red	Red	Red	Green	Green	Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	
Capuano School	8-Jan-21	8-Mar-21	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	
East Somerville	15-Feb-21	25-Mar-21	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	
High School Mods	8-Feb-21	1-Mar-21	Red	Red	Red	Red	Red	Red	Green	Green	Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	
Argenziano School	15-Feb-21	15-Mar-21	Red	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	
West Somerville	15-Feb-21	15-Mar-21	Red	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	
Kennedy School	8-Mar-21	5-Apr-21	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Light Green	Light Green	Light Green	Light Green	Light Green	
Healey School	22-Mar-21	19-Apr-21	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Green	Green	Green	Green	Light Green	Light Green	
Winter Hill	3-May-21	7-Jun-21	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Green	

Note: These are construction completion dates. Student occupancy will follow these dates.

Humidification & UV disinfection improvements may continue during occupancy.

As of **25 Jan 2021**, Significant risk has been IDed/retired for many buildings. Most risk remains at Healey, WHCS.