



# GREEN LINE EXTENSION PROJECT BALL SQUARE & COLLEGE AVENUE STATIONS



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Massachusetts Department of Transportation



**BALL SQUARE & COLLEGE  
AVENUE STATIONS**  
MAY 14, 2015

# AGENDA

- Welcome
- Ball Square Station
  - Station Site Design
  - Station Design
  - Construction Sequencing
- College Avenue Station
  - Station Site Design
  - Station Design
- Upcoming Meetings
- Q&A



# GLX Recent Milestones

- Notice to Proceed on Early Work Construction received October/November 2014:
  - Contract#1-Procurement of Long Lead Items
  - Contract#2-Early Utilities Phases 2/2A & 4
  - Contract#3-Miller's River & Fitchburg Line
  - Contract#4A-Procurement of Viaduct Steel
- FTA Full Funding Grant Agreement signed January 2015





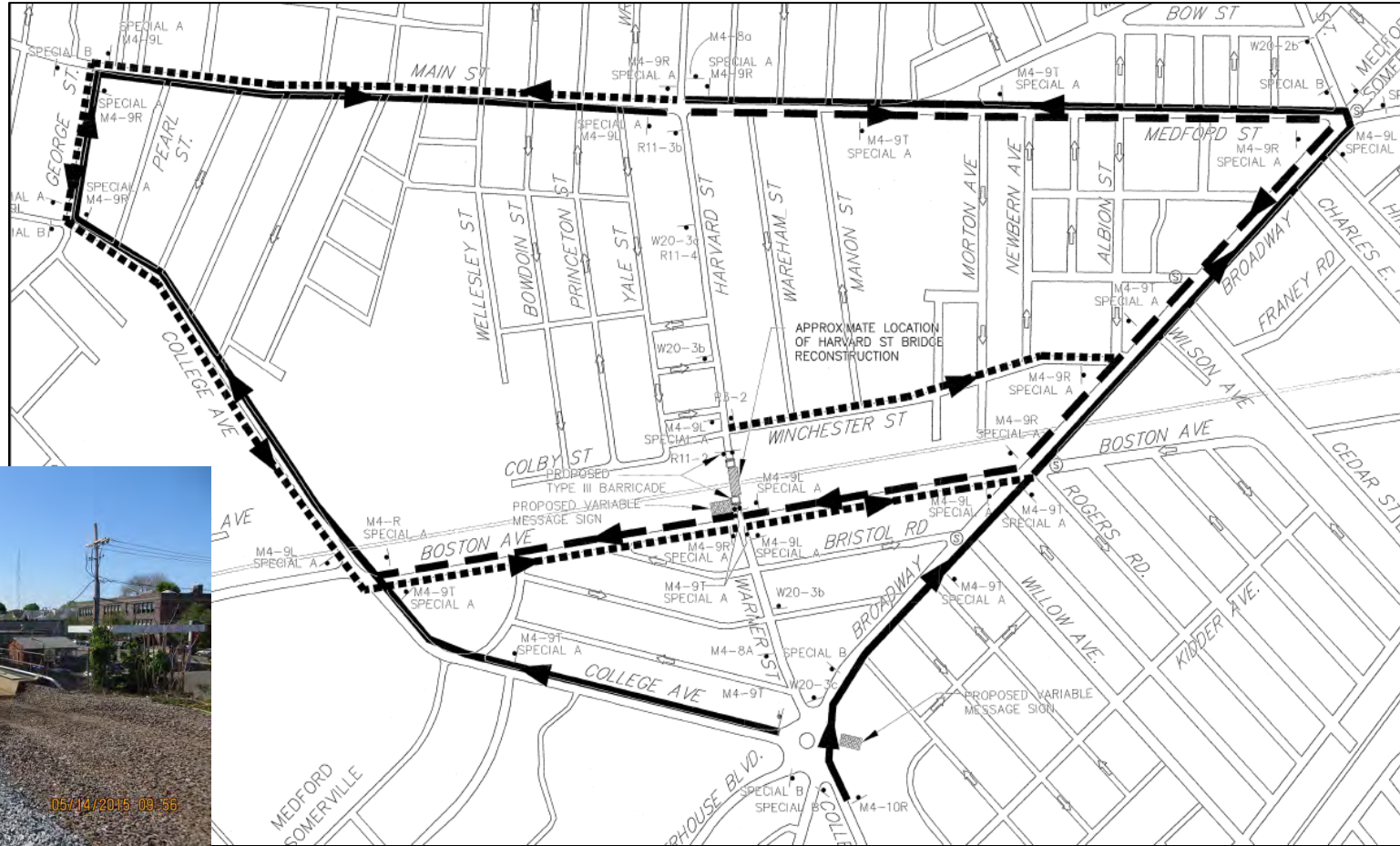
# PHASE 1 CONSTRUCTION UPDATE

- 21 Water Street Demolition: Complete
- Medford Street Rail Bridge: Anticipated to be complete by Summer 2015
- **Harvard Street Rail Bridge:** Anticipated to be complete Summer 2015
  - Recent work includes moving over of commuter rail track



# PHASE 1 CONSTRUCTION UPDATE

- Harvard Street shutdown this weekend – Saturday, May 16 – to demo bridge track bay



# Status of Design for Ball Square & College Avenue Stations

- Last station design meetings were in June 2013 at about 60% design
- Focus of design team then shifted to first 3 GLX stations to be constructed (Lechmere, Washington Street, Union Square)
- In Fall 2014 design team resumed work on Gilman Square, Lowell Street, Ball Square & College Avenue
- Ball Square Station now at 90% design
- College Avenue Station design elements vary from 30% - 90% design





# BALL SQUARE STATION



# BALL SQUARE STATION

## COMMUNITY CONCERNS/ISSUES

- Station Design and Neighborhood Context
- Community Connections and Pedestrian Safety
- Area Traffic
- Lighting
- Public Art



# BALL SQUARE STATION SITE DESIGN

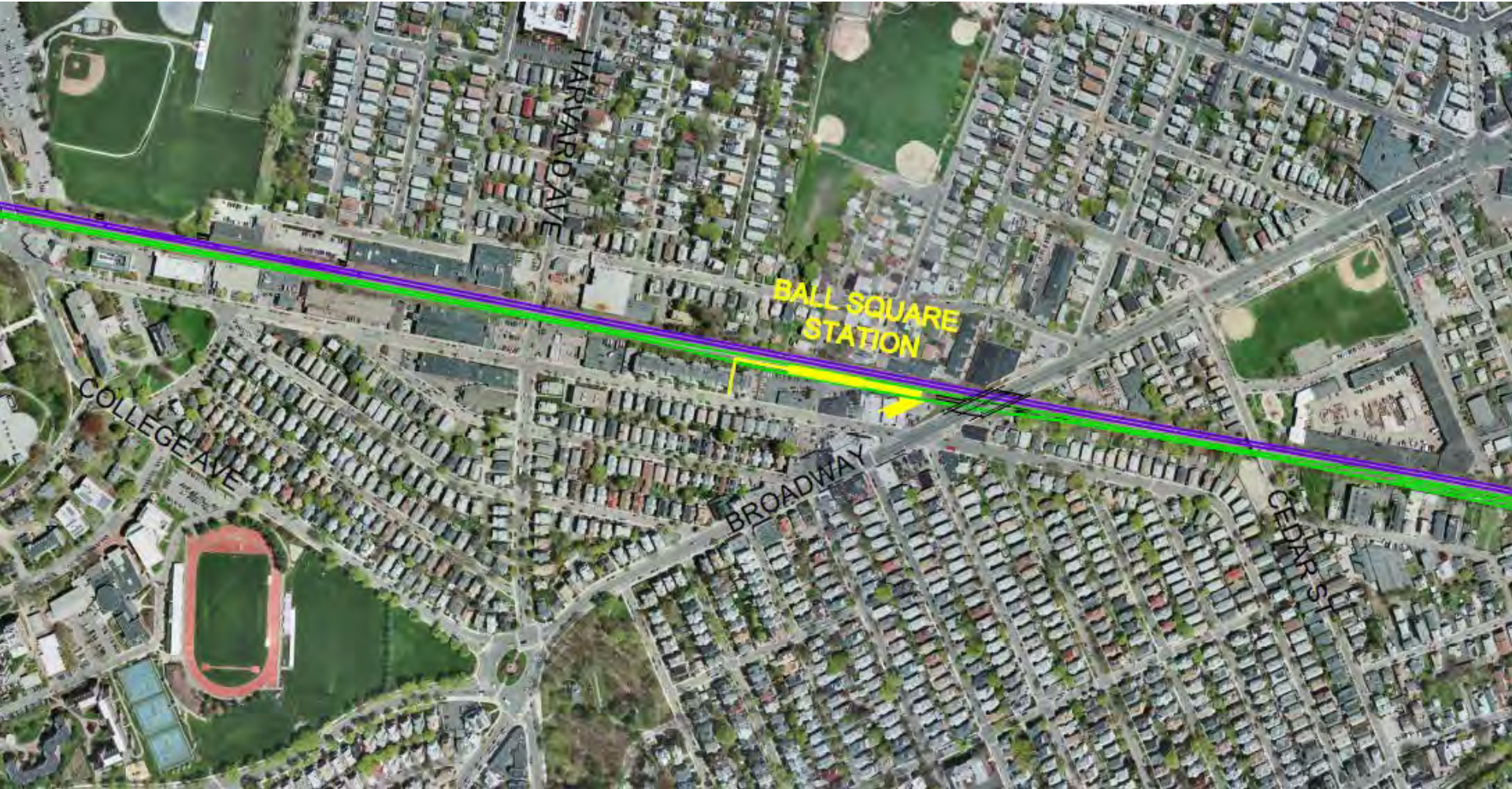


# GREEN LINE EXTENSION





# BALL SQUARE STATION

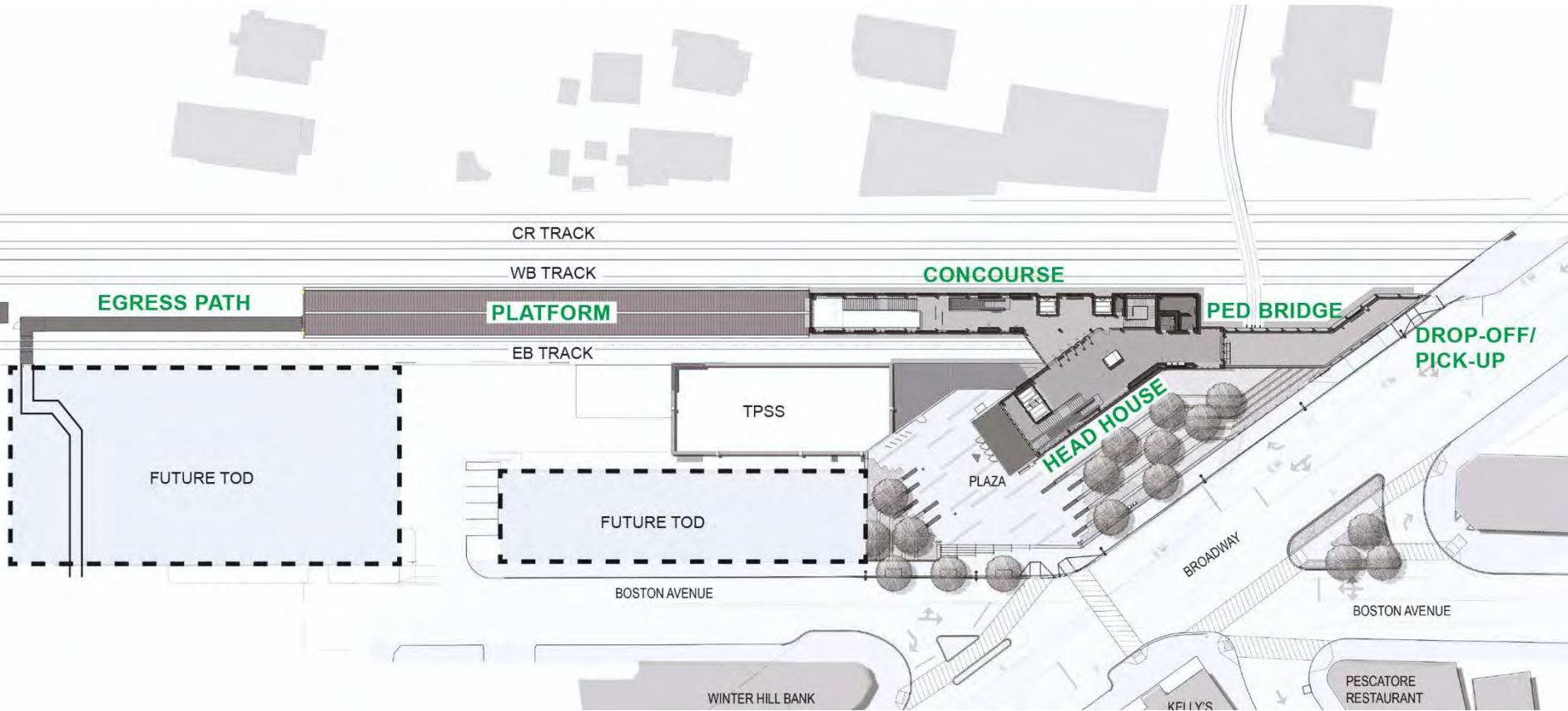




# AERIAL PERSPECTIVE



# SITE PLAN





# LANDSCAPE SITE PLAN (JUNE 2013)

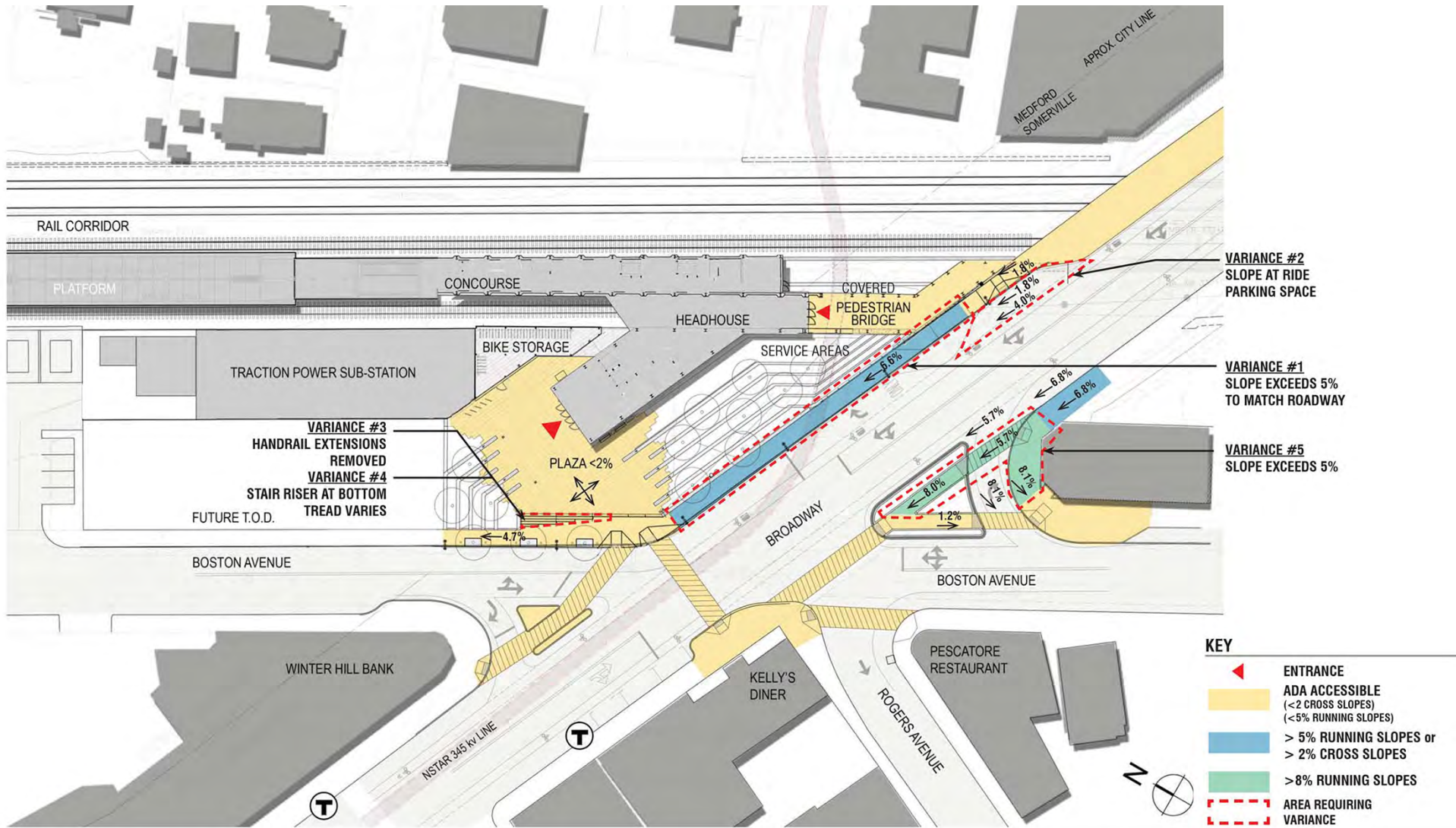




# LANDSCAPE SITE PLAN



# ACCESSIBILITY SITE PLAN



PLAN VIEW  
SCALE: 20' 0 20' 40'

# BALL SQUARE STATION DESIGN





# CROSSING BOSTON AVENUE



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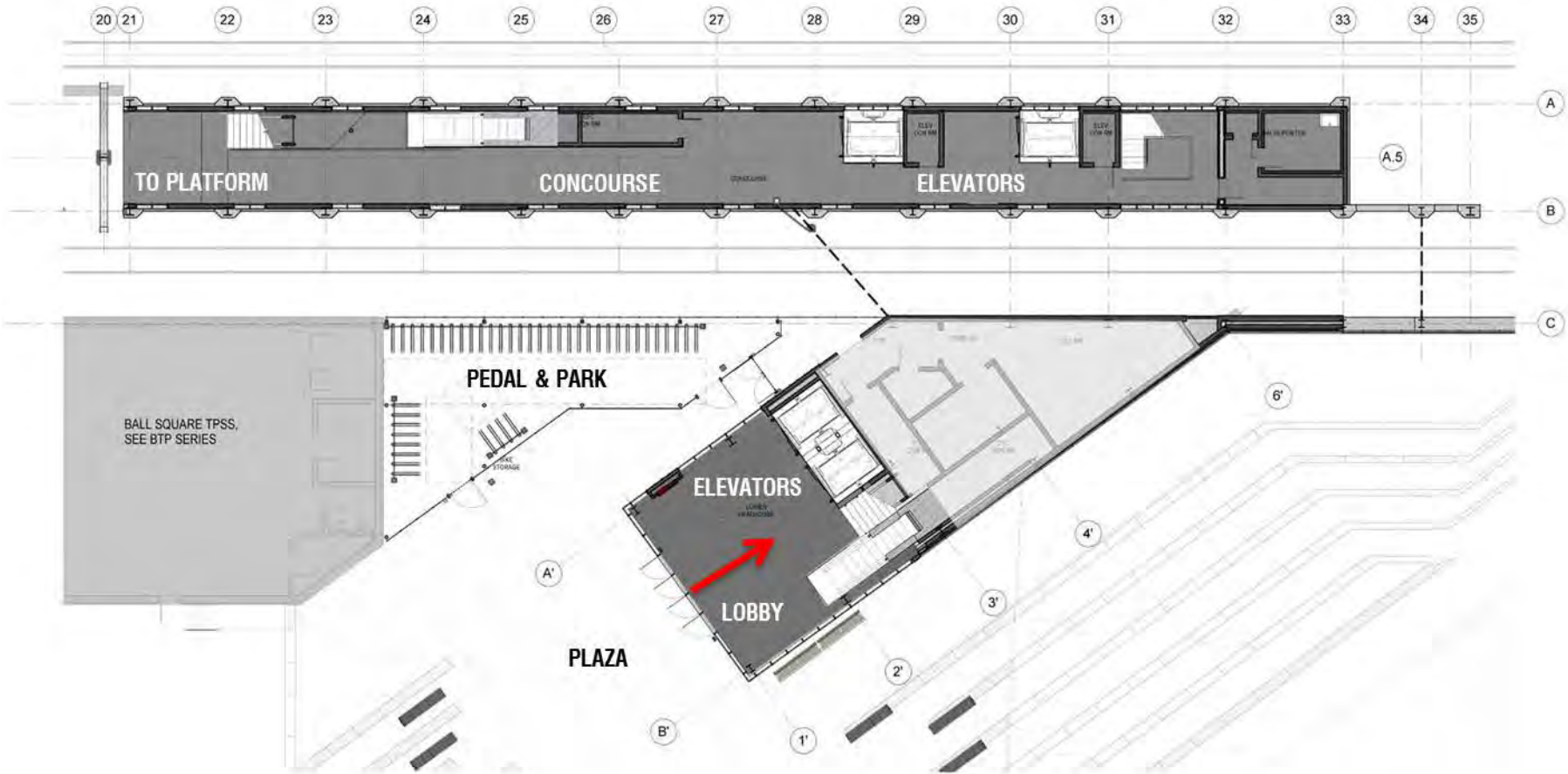


# BALL SQUARE PLAZA





# PLAN LEVEL 1

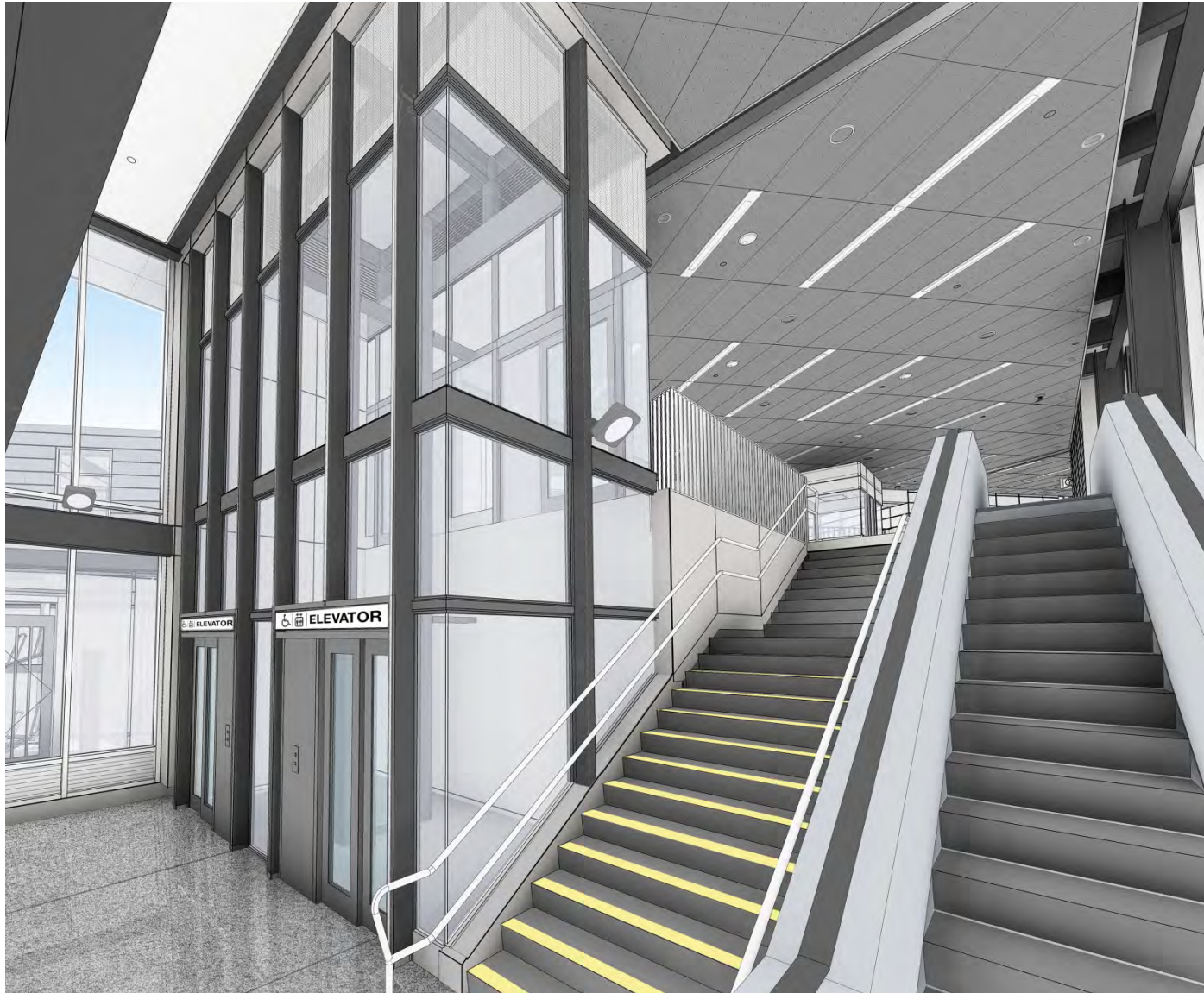


# LEVEL 1 LOBBY ENTRANCE





# HEADHOUSE VERTICAL CIRCULATION

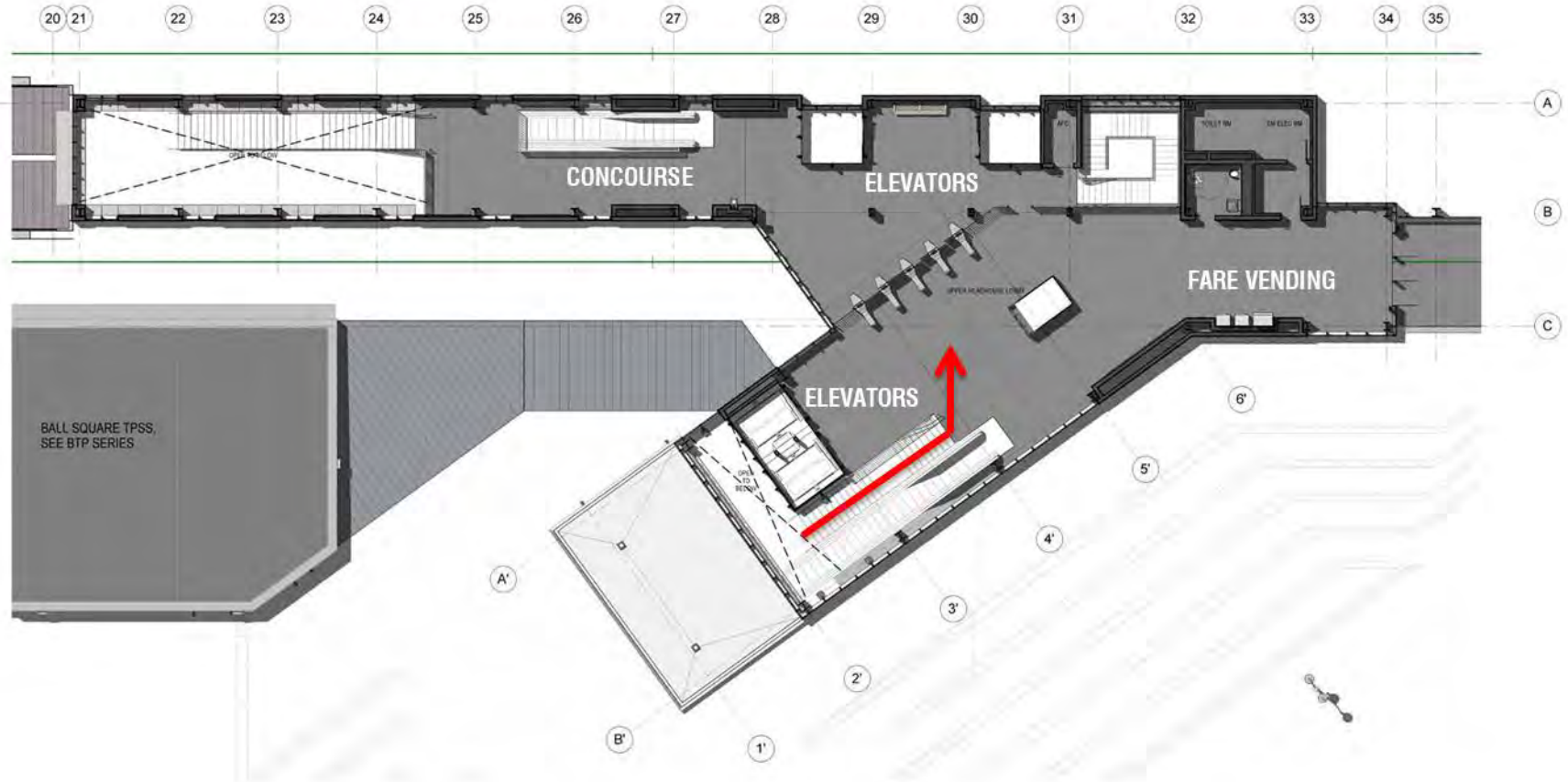


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# PLAN LEVEL 2





# LEVEL 2 UNPAID LOBBY



# PEDESTRIAN BRIDGE

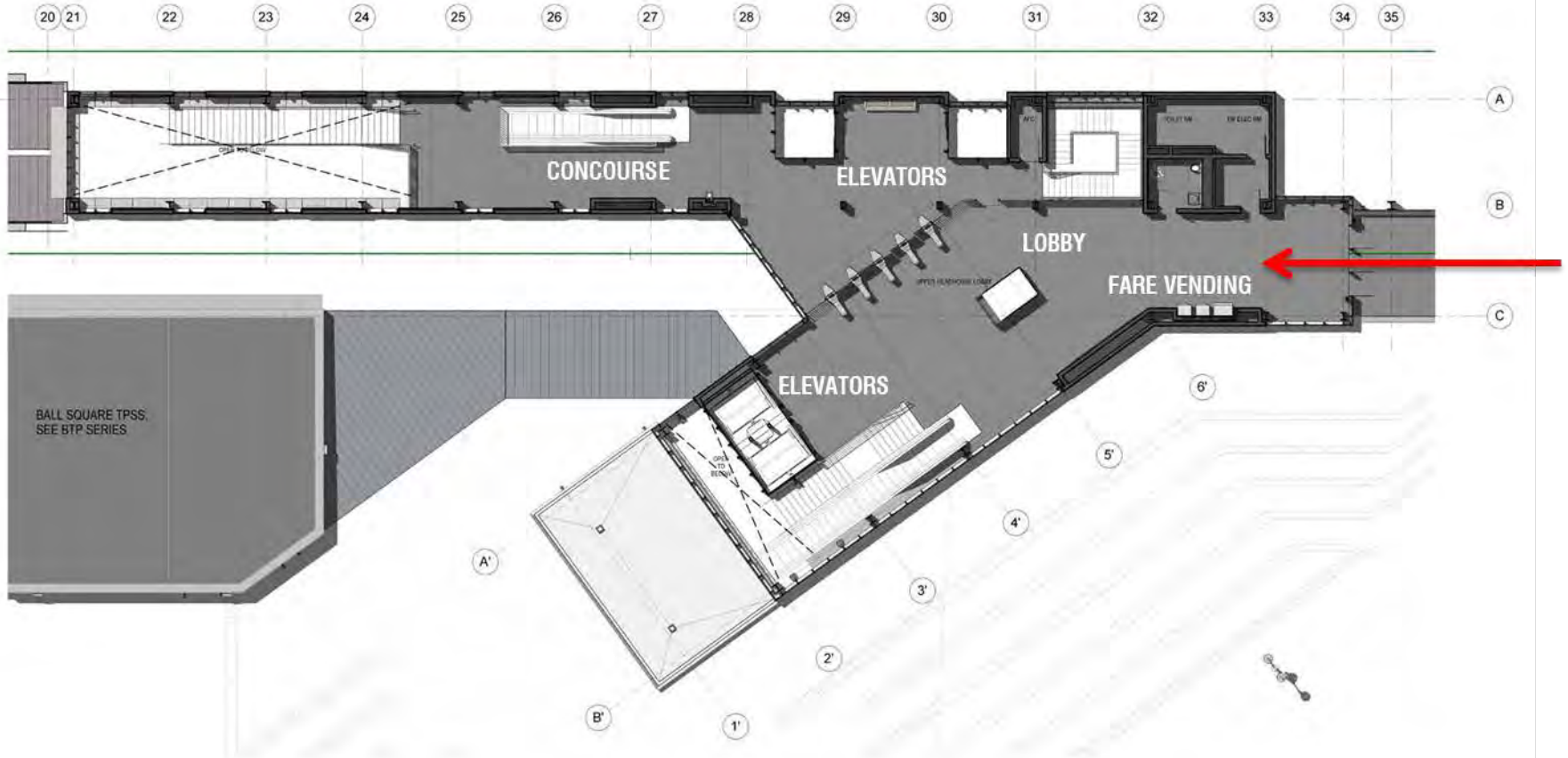




# ENTERING FROM PEDESTRIAN BRIDGE



# PLAN LEVEL 2





# LEVEL TWO LOBBY



**MBTA FARES**

**Tickets & Passes**

Product	Adult	Senior/Student	Child
Single Trip	\$2.50	\$2.00	\$1.00
CharlieCard	\$1.50	\$1.00	\$0.50
CharlieTicket	\$2.50	\$2.00	\$1.00
Senior/Student	\$2.50	\$2.00	\$1.00
Transfer	\$0.75	\$0.50	\$0.25
Commuter	\$10.00	\$7.50	\$3.75
1 Day	\$10.00	\$7.50	\$3.75
7-Day	\$60.00	\$45.00	\$22.50
Monthly	\$100.00	\$75.00	\$37.50

**Notes:**

- Transfer is valid for 90 minutes.
- Commuter, 1 Day, 7-Day, and Monthly fares are valid for 90 minutes.
- Senior/Student fare is available to Massachusetts residents aged 65 and over, or students aged 18-24.
- Child fare is available to children aged 3-11.
- Transfer is available from any MBTA fare to any MBTA fare.
- Commuter, 1 Day, 7-Day, and Monthly fares are available to all MBTA fare-paying customers.



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# AT FARE GATES



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# CONCOURSE STAIRS TO PLATFORM



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# CONCOURSE CIRCULATION



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# PLATFORM VIEW

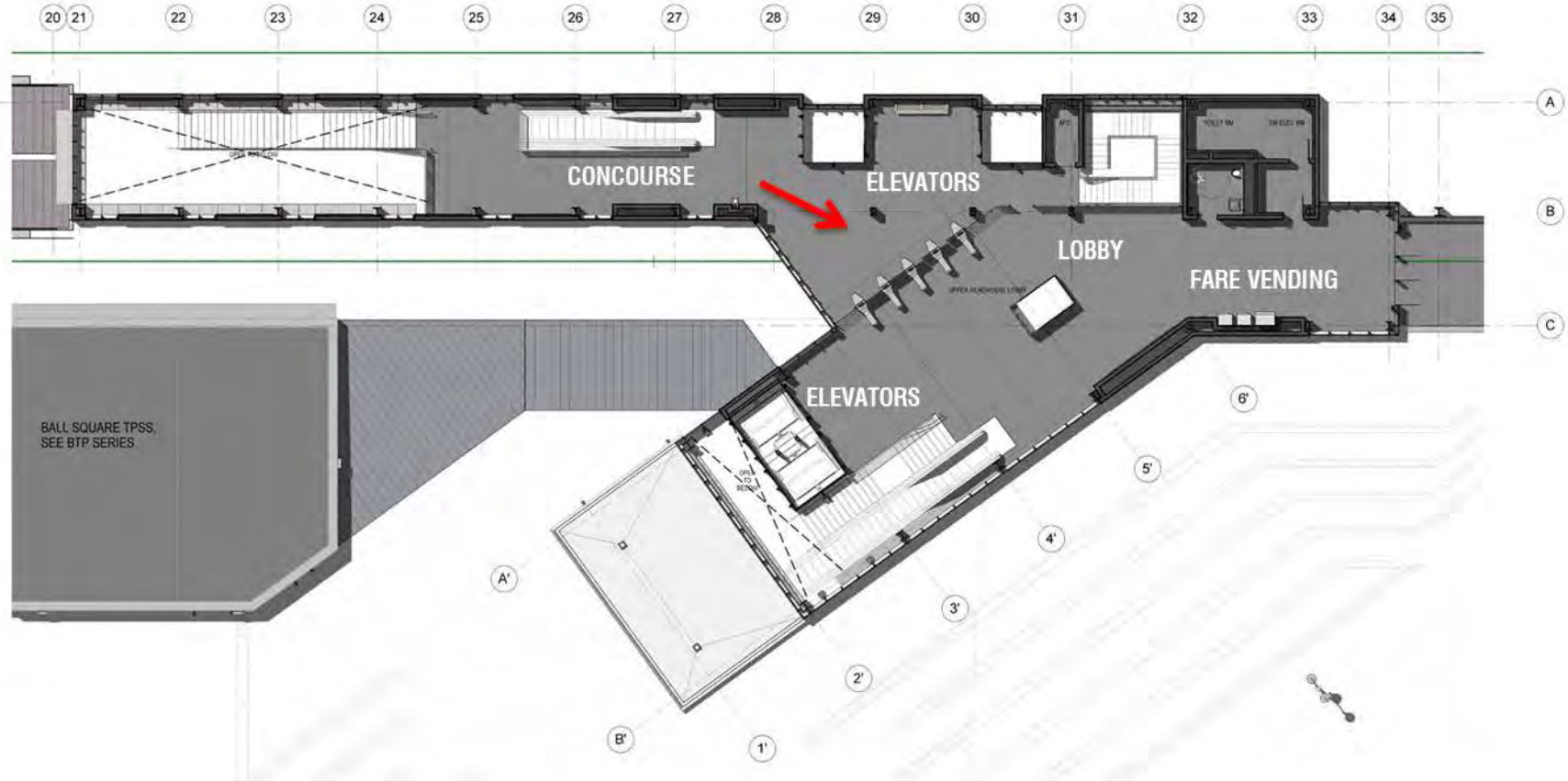


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# PLAN LEVEL 2





# EXITING CONCOURSE





# EXITING LEVEL 2 LOBBY



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# COMMENTS/ QUESTIONS?



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# COLLEGE AVENUE STATION

# COLLEGE AVENUE COMMUNITY CONCERNS/ISSUES

- Concerns about right turn lane & drop offs
- High sidewalk along College Avenue
- Maintenance of Burget Avenue Path & station plaza
- Burget Path too narrow
- Aesthetics of the utility pipe
- Landscaping/green space
- Drop-off/pick-up capability
- Pedestrian circulation & safety
- Public art





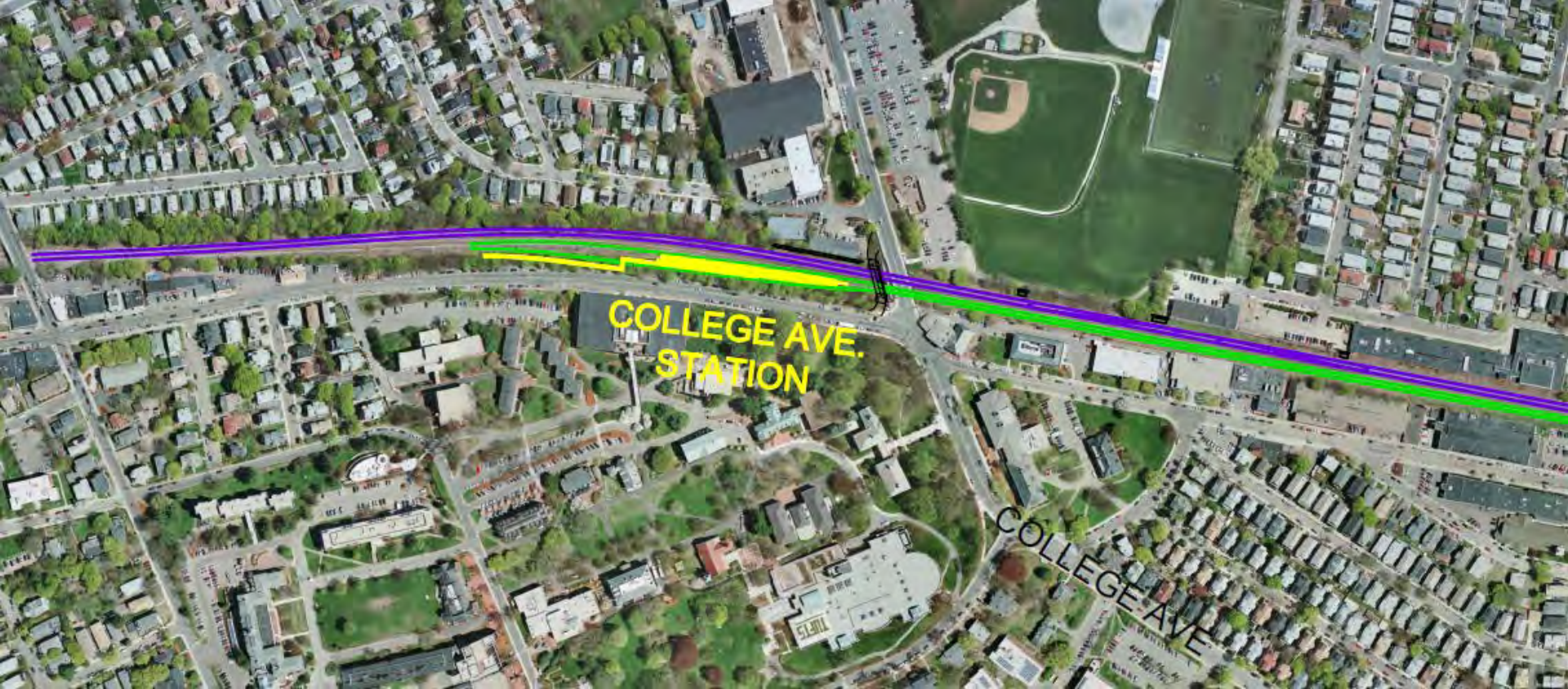
# STATION SITE DESIGN







# COLLEGE AVENUE STATION





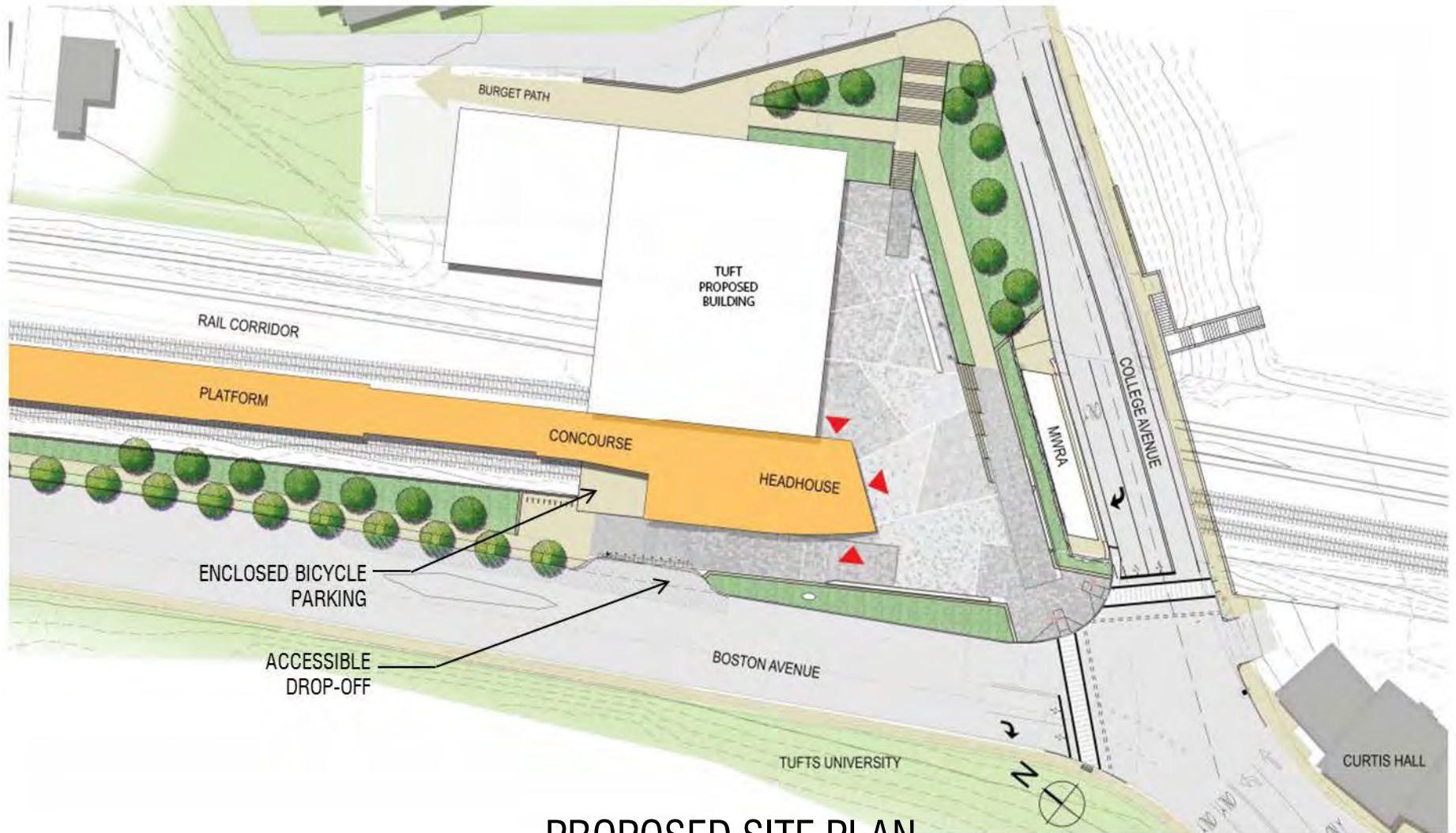
# COLLEGE AVENUE STATION (JUNE 2013)



SITE PLAN

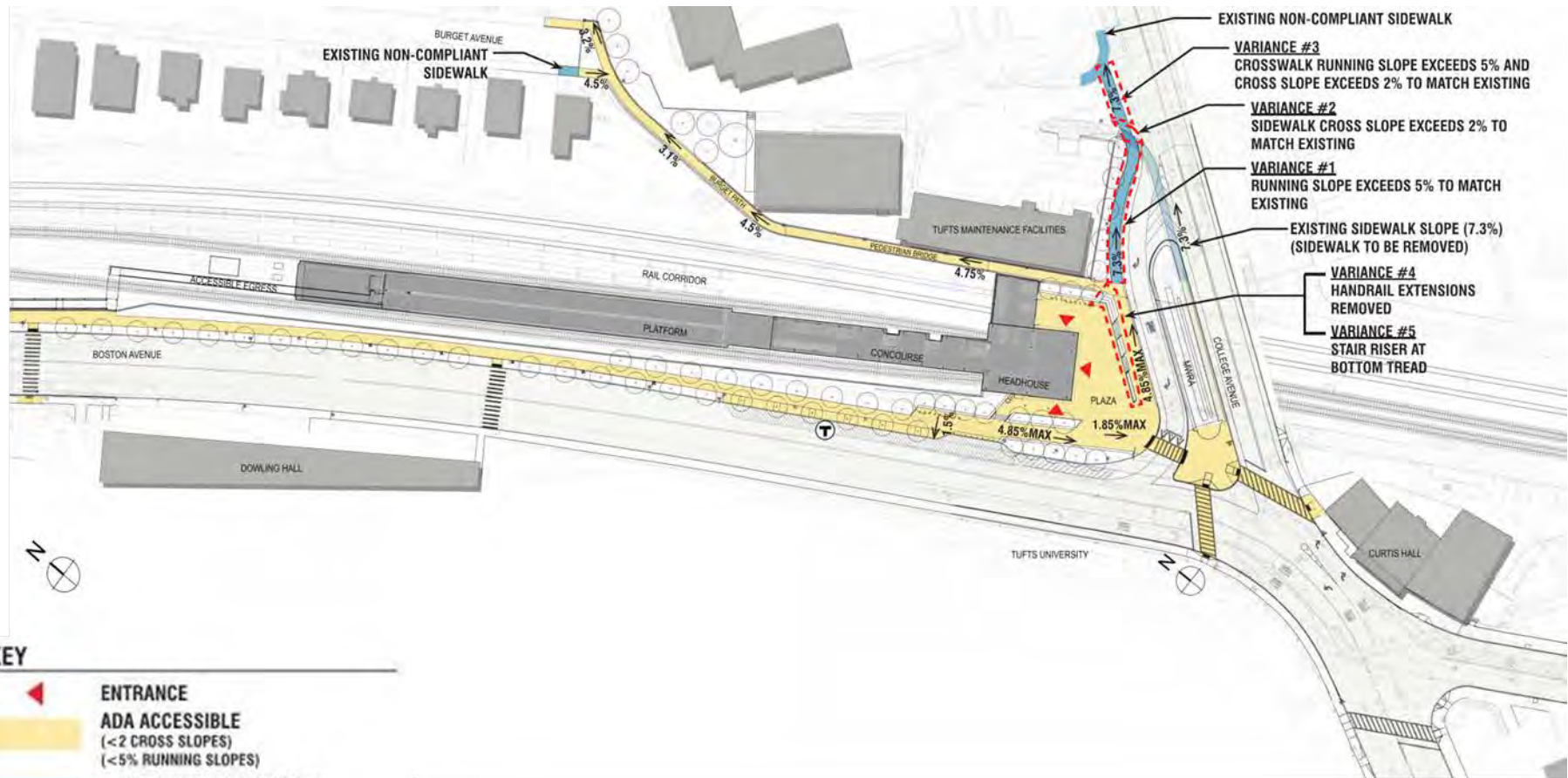


# COLLEGE AVENUE STATION



PROPOSED SITE PLAN

# COLLEGE AVENUE STATION (JUNE 2013)



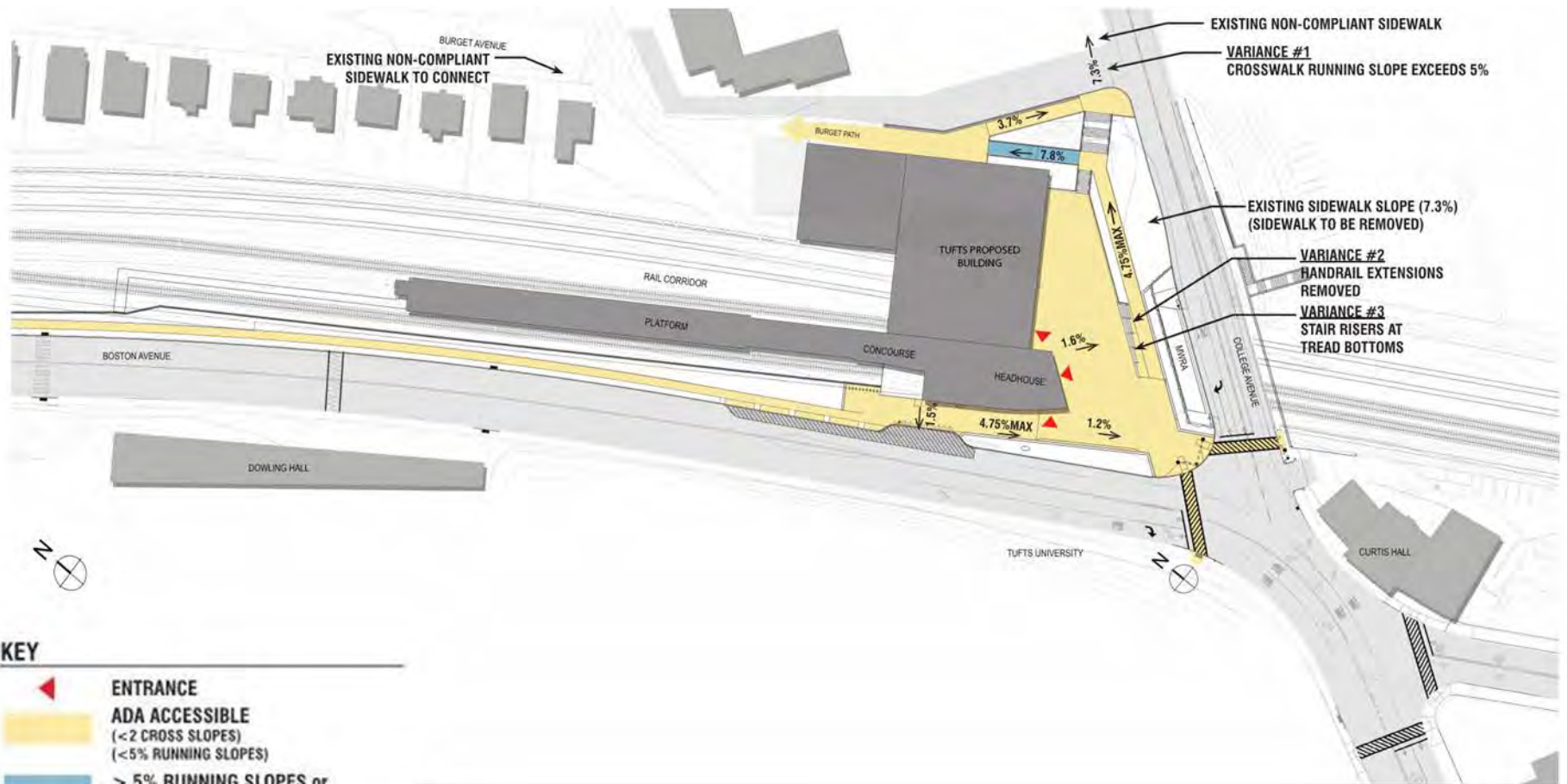
## KEY

-  **ENTRANCE**
-  **ADA ACCESSIBLE**  
(<2% CROSS SLOPES)  
(<5% RUNNING SLOPES)
-  **> 5% RUNNING SLOPES or**  
**> 2% CROSS SLOPES**
-  **> 8% RUNNING SLOPES**
-  **AREA REQUIRING**  
**VARIANCE**

## ACCESSIBILITY DIAGRAM



# COLLEGE AVENUE STATION



**KEY**

	<b>ENTRANCE</b>
	<b>ADA ACCESSIBLE</b> (<2 CROSS SLOPES) (<5% RUNNING SLOPES)
	<b>&gt; 5% RUNNING SLOPES or</b> <b>&gt; 2% CROSS SLOPES</b>
	<b>&gt; 8% RUNNING SLOPES</b>
	<b>AREA REQUIRING</b> <b>VARIANCE</b>

PROPOSED ACCESSIBILITY DIAGRAM

# STATION DESIGN

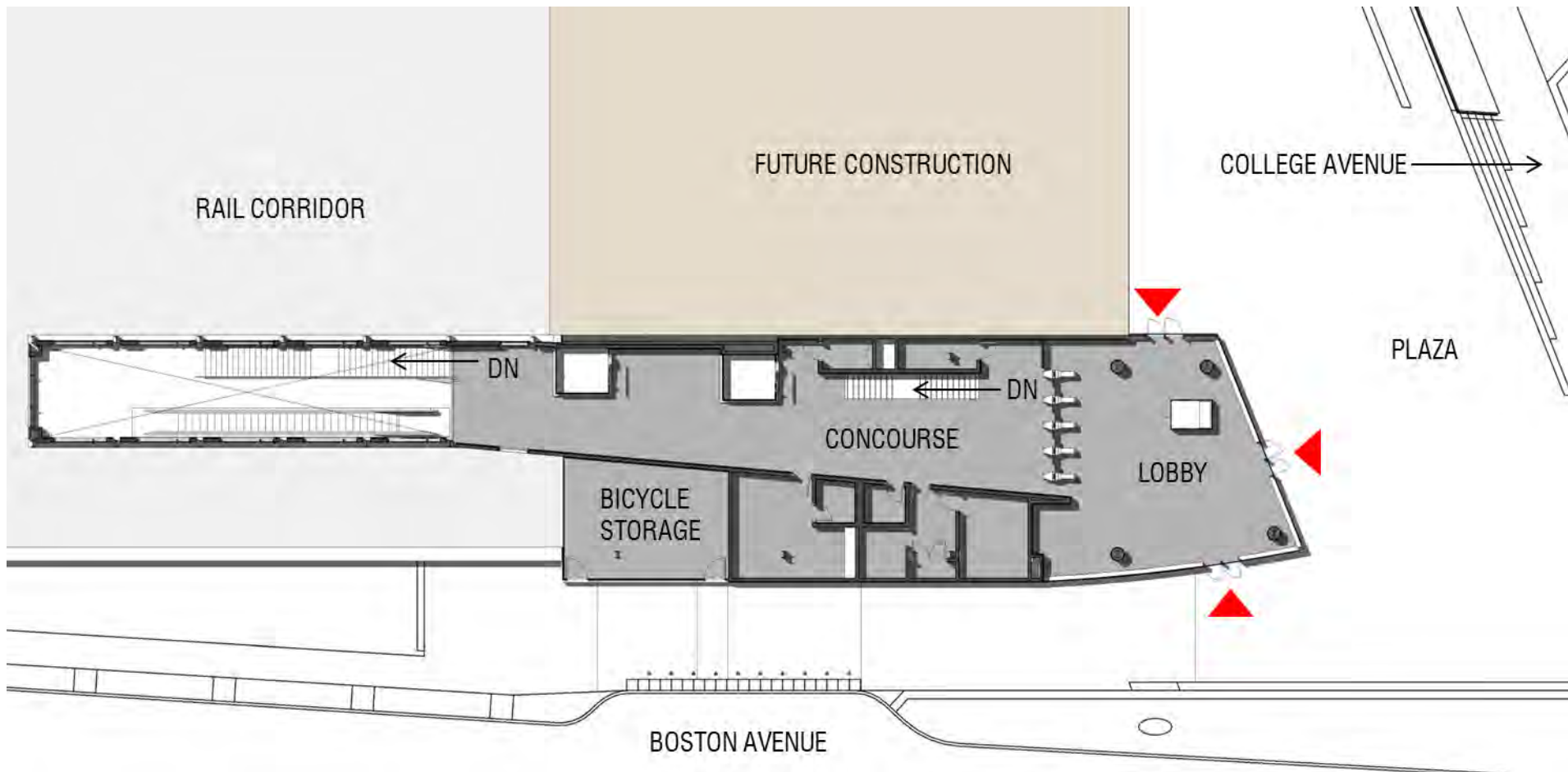




# COLLEGE AVENUE STATION (JUNE 2013)



# COLLEGE AVENUE STATION

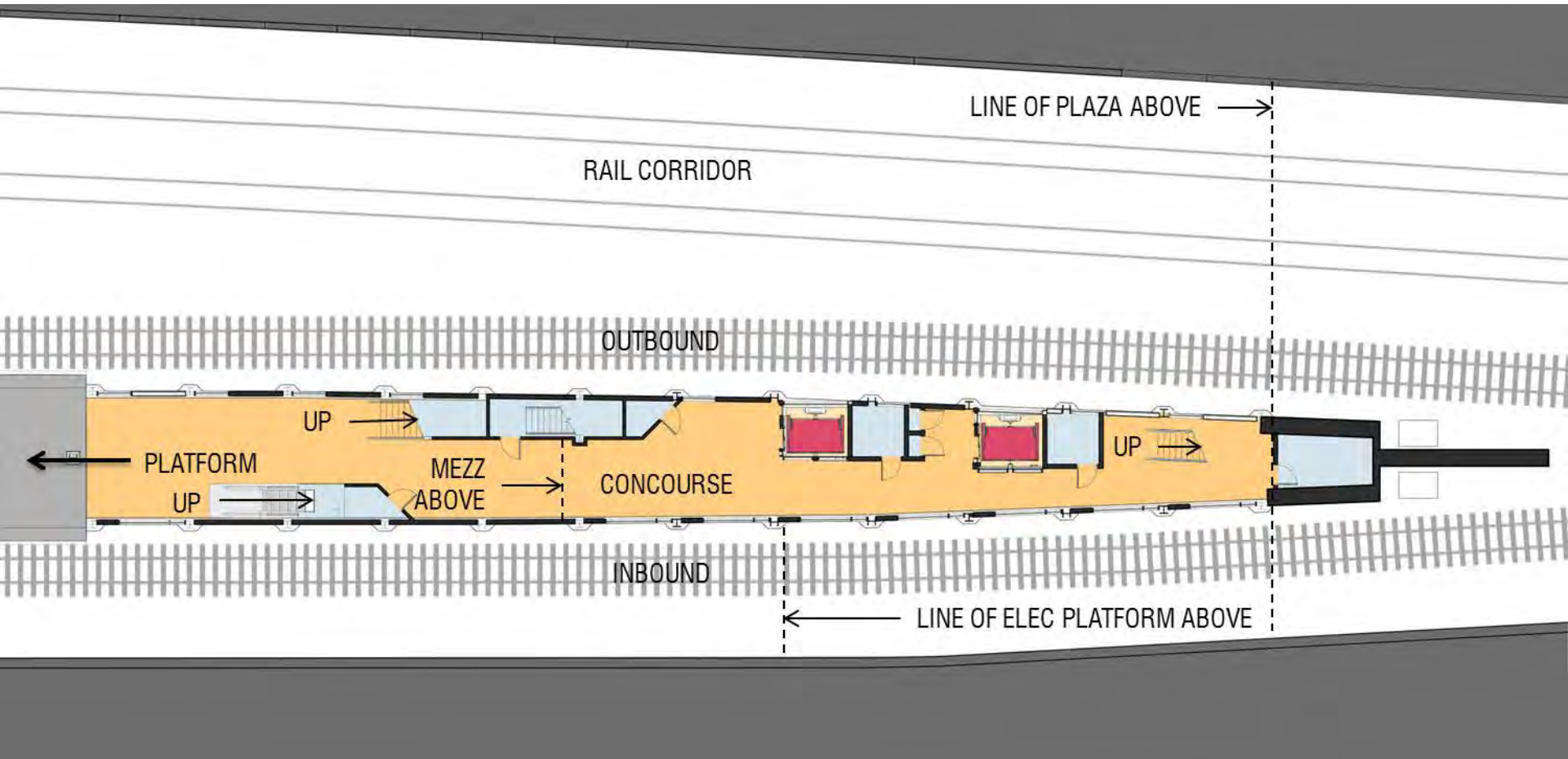


PROPOSED ENTRANCE LEVEL FLOOR PLAN



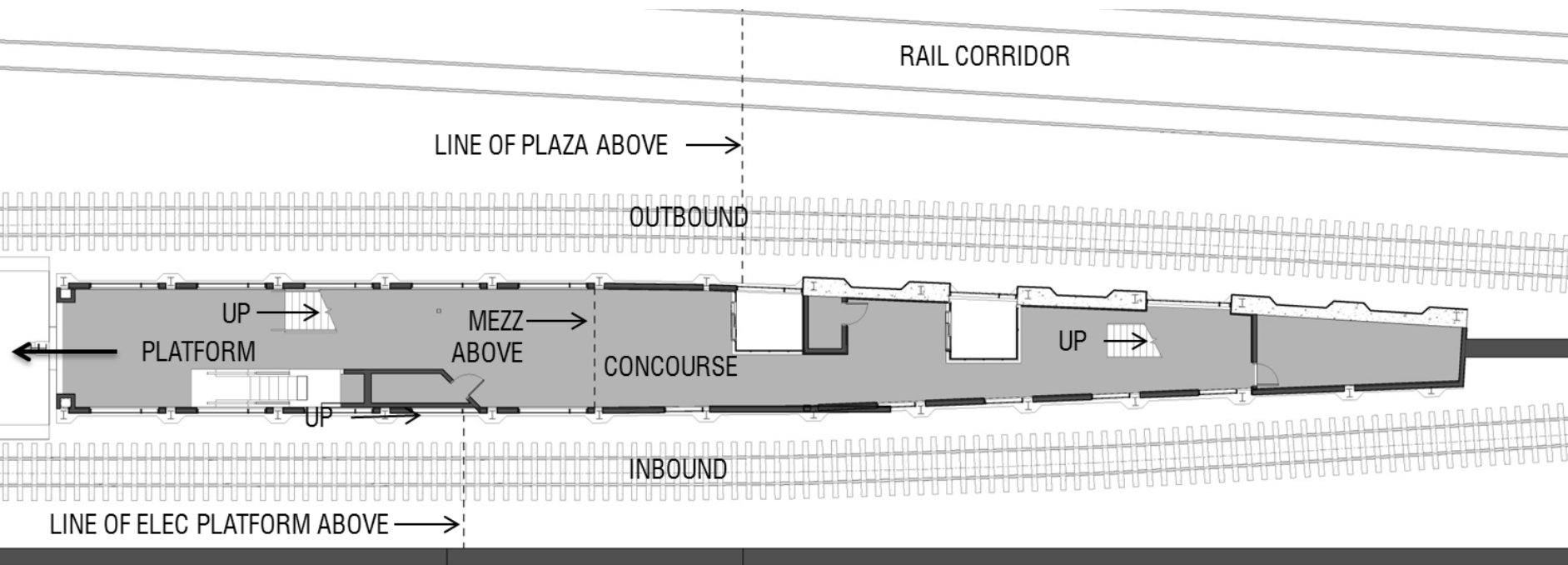


# COLLEGE AVENUE STATION (JUNE 2013)



PLATFORM LEVEL PLAN

# COLLEGE AVENUE STATION



PROPOSED PLATFORM LEVEL PLAN



# Station Design Developments

- Improved accessibility
- More opportunity for green space
- Multi-use plaza for neighborhood events
- Long term maintenance & security by Tufts on the plaza
- Improved access to Burget Avenue neighborhood
- Maintenance of Burget Avenue Path by Tufts
- Right turn lane not isolated (which will discourage drop-offs)
- Pipe blended into plaza – possibly with integrated public art



# Upcoming Community Meetings

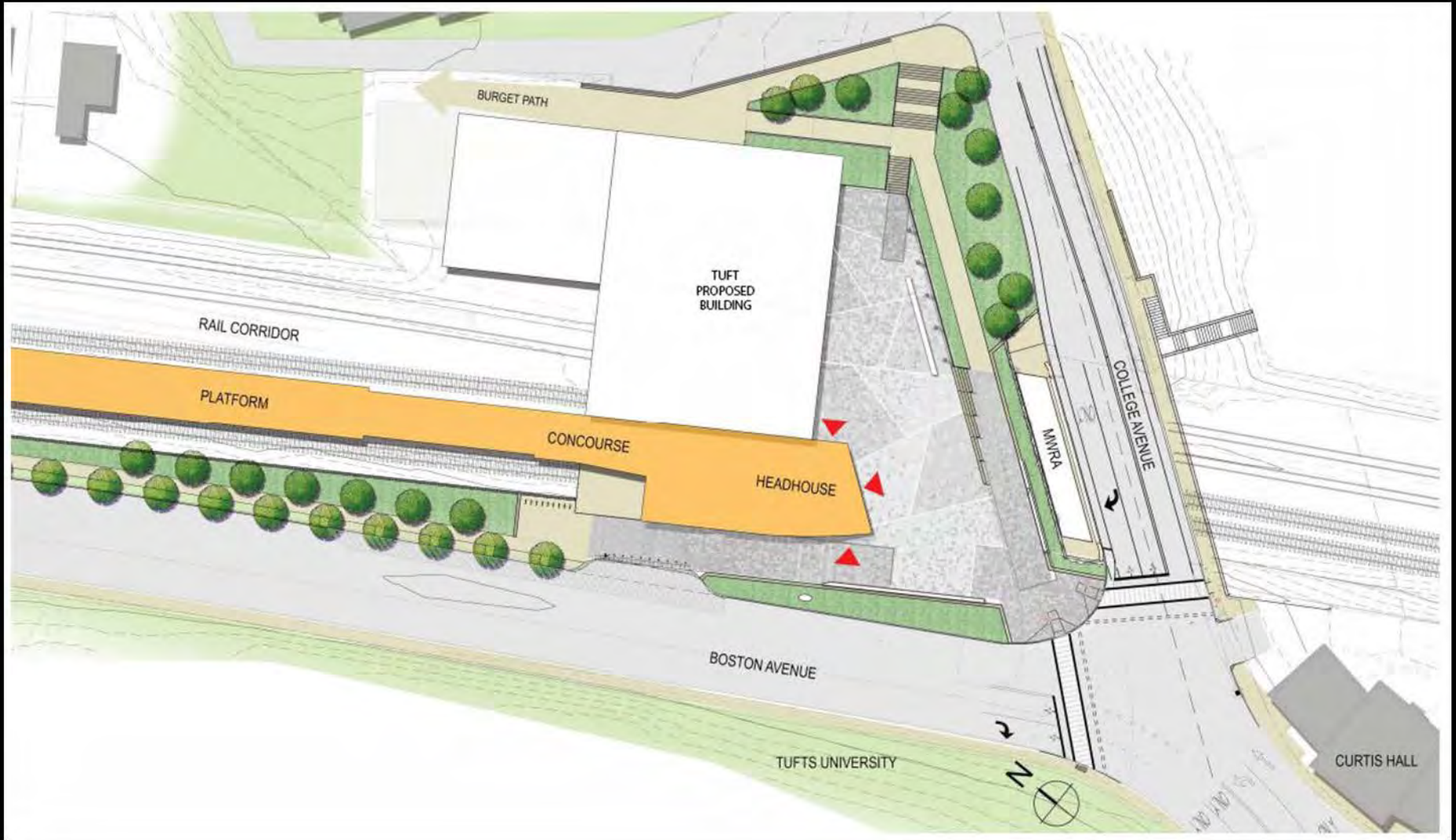
**Gilman Square &  
Lowell Street Stations**  
Thursday, May 21, 2015  
6:00 – 8:00 PM  
Center for the Arts at the Armory  
191 Highland Avenue, Somerville

**GLX & Tufts University  
College Avenue Station Update**  
*Tentatively* Thursday, June 25, 2015  
6:00 – 8:00 PM  
St. Clement School  
579 Boston Avenue, Medford





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