

# THE NEW W. EDWARD BALMER SCHOOL

## WHITINSVILLE, MASSACHUSETTS



### SCHOOL BUILDING COMMITTEE

### NOVEMBER 19, 2019



Massachusetts School Building Authority  
*Funding Affordable, Sustainable, and Efficient Schools in Partnership with Local Communities*



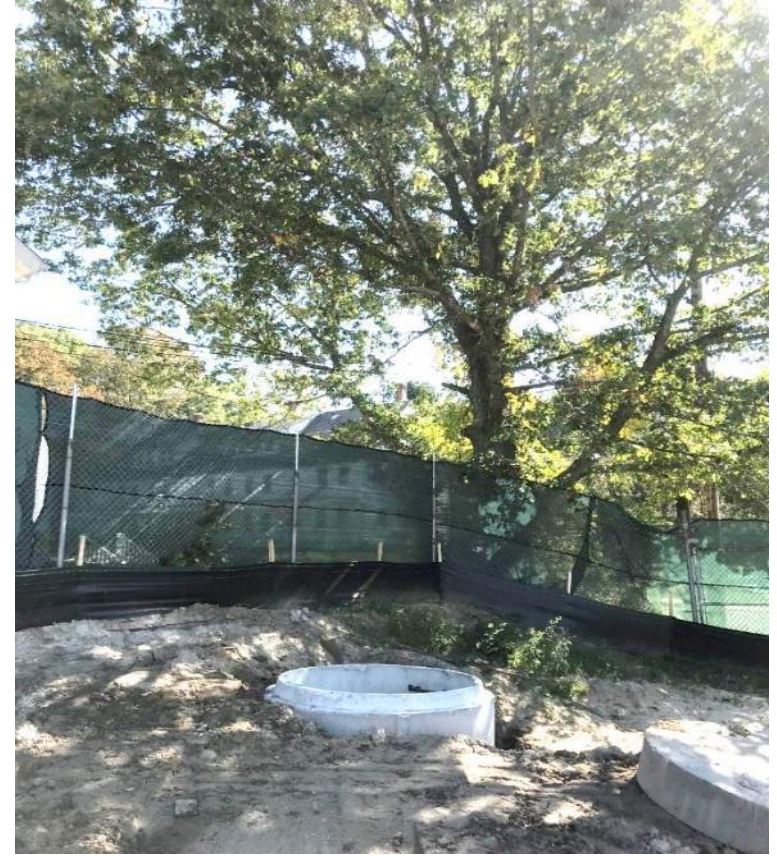


# AGENDA

- **Site: East Property Line Updates**
- **Building Design Update – Acoustical Screens**
- **Trade Bidding Results**
- **Project Construction Update**



# EXISTING OAK AT SE CORNER



- Neighbor at 45-55 Crescent St. has requested removal. Tree is on school property.
- Arborist opinion on viability:
  - Root structure compromised by cutting, likely to have long term impact on the tree's stabilizing roots and will increase the potential for future root flare rot
  - Tree's life expectancy 10-15 years, with continuous maintenance and monitoring
  - Arborist recommends removal.





# EAST PROPERTY LINE – 230 MASON STREET



- Neighbor concerned about slope of grade on school side of line
- Investigation shows slope difficult for tree planting here
- Recommend extending wall to ease grade at this location
- Estimated Cost pending – new issue as of 11/12





# EAST PROPERTY LINE – 230 MASON STREET

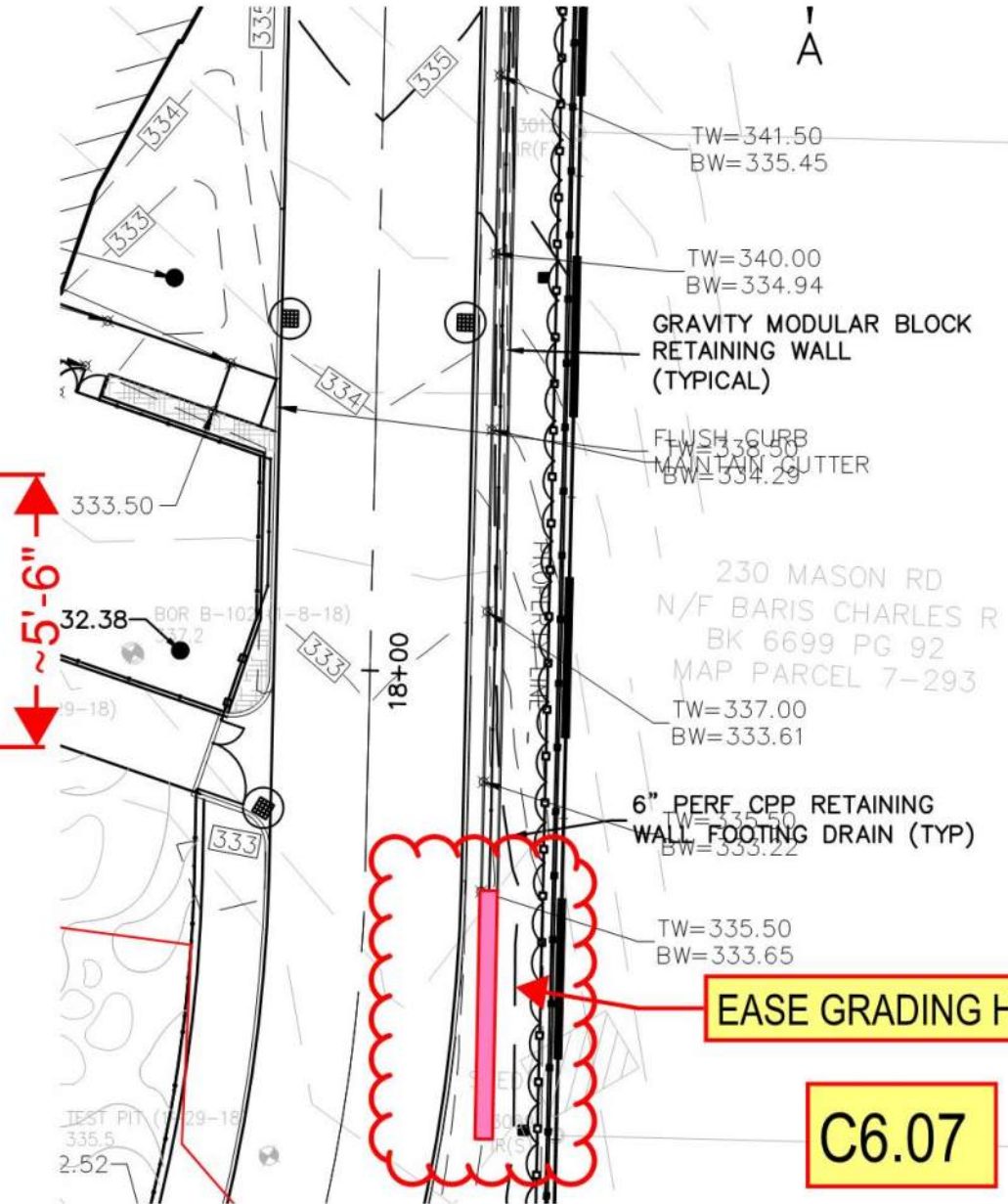


- Estimated Cost pending – new issue as of 11/12





# EAST PROPERTY LINE – 230 MASON STREET

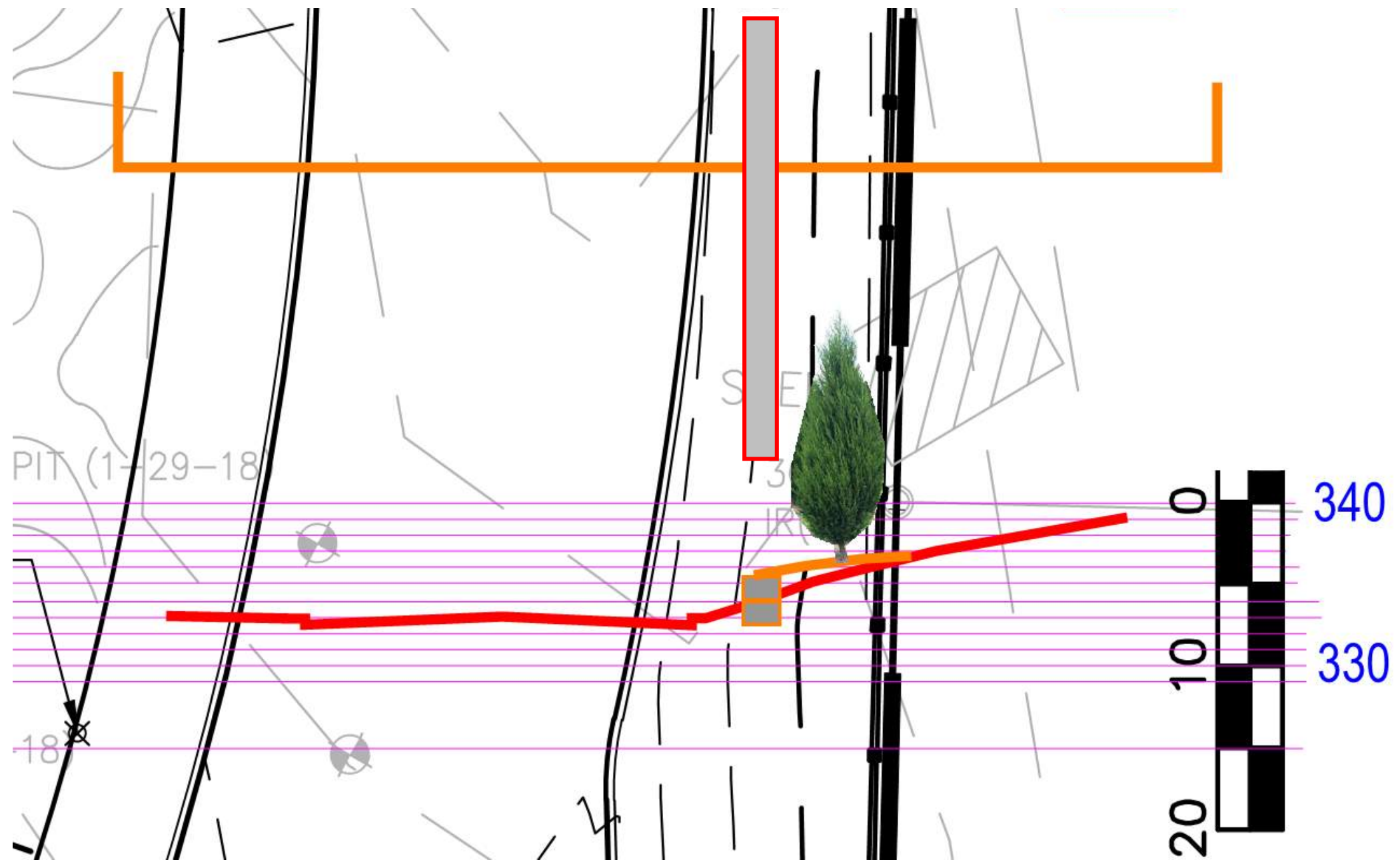


EASE GRADING HERE

C6.07



# EAST PROPERTY LINE – 230 MASON STREET



# EAST PROPERTY LINE – 216 MASON STREET

- Neighbor has requested trees on School side of line be changed to “Green Giant” Arborvitae, where possible. DONE
- Neighbor has requested the project add - procure and install - (6) “October Glory” Red Maples (Acer Rubrum - “AR”) of similar size /caliper to job (3” – 3.5”) for installation on neighbor’s property.
- Estimated Cost - ADD \$8,550







PG – White Pine



AR – Red Maple



JV – Eastern Red Cedar



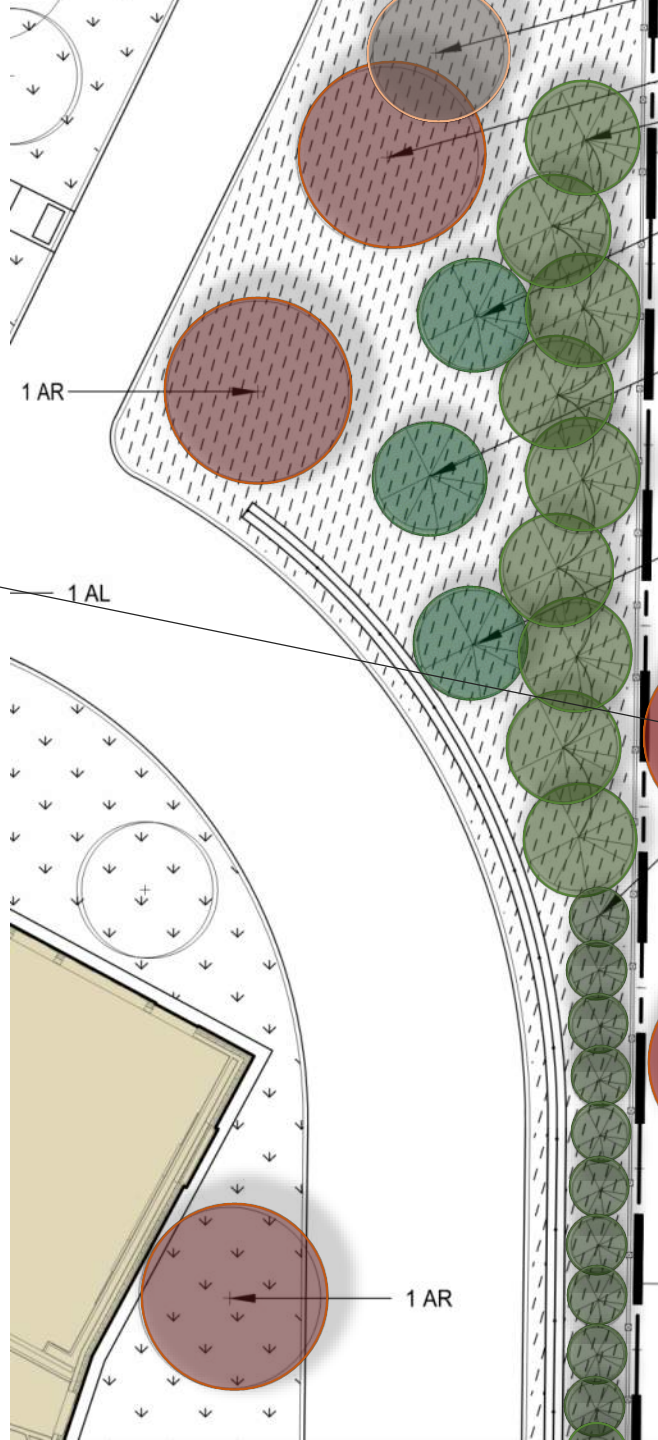
# 216 MASON ROAD

## PROPOSED LANDSCAPING





(6) AR –  
Red Maple  
appx. 20'  
dia. canopy  
shown



**216 MASON ROAD**  
**PROPOSED LANDSCAPING**



# EAST PROPERTY LINE – 202 MASON STREET

- Relocate stone border “wall”
- Provide new 7’-0” tall cedar wood fence
- Locate fence on property line
- Provide 7’ white PVC fence with 12” return south of 202 Mason.

RELOCATED  
STONE BORDER  
ON NEIGHBOR'S  
PROPERTY

7'-0" TALL NEW  
CEDAR FENCE,  
LOCATED ON P.L.

12" PVC RETURN  
TO WOOD FENCE

7'-0" TALL WHITE  
PVC FENCE, 12"  
WEST OF P.L.





# EAST PROPERTY LINE – 192 MASON STREET

6'-0" TALL EXISTING  
CEDAR FENCE,  
LOCATION NOT  
DETERMINED RE. P.L.

6'-0" TALL x 8' WIDE  
NEW CEDAR FENCE  
FILLER SEGMENT

6'-0" TALL RELOCATED  
EXISTING CEDAR FENCE,  
TO BE LOCATED ON P.L.

6'-0" TALL x 6' WIDE  
NEW CEDAR FENCE  
FILLER SEGMENT

- Remove existing cedar fence and set aside for reinstallation
- Relocate shed and play structure
- Reinstall 6'-0" existing cedar wood fence
- Locate fence on property line
- Install filler pieces at corners





# ROOFTOP ACOUSTICAL SCREENS SCHEDULE STUDY

- Projected availability for RTU acoustical testing:  
Mid-March, 2021
- Panels available for install: May / June 2021
- Install complete: July / August 2021
- RTU's will be running with no screen installed  
from time of start-up to completion of install





# TRADE BID RESULTS

Trade Contract	# of Bids	90% CD Estimate	Low Bid	Delta between estimate and low bid	Bidder
Masonry	4	\$ 2,690,095.00	\$ 2,171,000.00	\$ (519,095.00)	Costa Bros.
Miscellaneous Metals	2	\$ 939,871.00	\$ 918,000.00	\$ (21,871.00)	SMJ Metal
Waterproofing, Dampproofing and Caulking	5	\$ 999,980.00	\$ 587,680.00	\$ (412,300.00)	Superior
Roofing	6	\$ 1,908,187.00	\$ 1,452,200.00	\$ (455,987.00)	Capeway
Metal Windows	5	\$ 2,550,315.00	\$ 2,144,921.00	\$ (405,394.00)	Chandler
Glass and Glazing	4	\$ 153,458.00	\$ 65,874.00	\$ (87,584.00)	Chandler
Tile	6	\$ 571,402.00	\$ 478,500.00	\$ (92,902.00)	M Frank Higgins
Acoustical Tile	3	\$ 942,994.00	\$ 1,194,500.00	\$ 251,506.00	H. Carr
Resilient Flooring	5	\$ 1,101,339.00	\$ 794,205.00	\$ (307,134.00)	CJM Services
Painting	4	\$ 473,106.00	\$ 384,600.00	\$ (88,506.00)	Color Concepts
Fire Protection	4	\$ 948,766.00	\$ 774,500.00	\$ (174,266.00)	Rustic FP
Plumbing	5	\$ 2,340,204.00	\$ 1,857,000.00	\$ (483,204.00)	KMD
HVAC	7	\$ 7,340,318.00	\$ 5,079,000.00	\$ (2,261,318.00)	KMD
Electrical	2	\$ 5,865,300.00	\$ 5,699,000.00	\$ (166,300.00)	WJ Griffin
<b>Total of Trade Contractors</b>	<b>62 90</b>	<b>\$ 28,825,335.00 (prequalified)</b>	<b>\$ 23,600,980.00</b>	<b>\$ (5,224,355.00)</b>	







**CONSTRUCTION UPDATE**

Construction of  
new east  
entrance  
access road





Laying binder  
course of  
pavement -  
New east  
entrance  
access road &  
parking areas

**CONSTRUCTION UPDATE**





# CONSTRUCTION UPDATE

Pumping  
concrete to  
interior footings,  
A Wing





# CONSTRUCTION UPDATE



Foundation construction,  
B Wing



# CONSTRUCTION UPDATE



East retaining wall  
construction nearly  
complete







Stair #4  
foundations

CONSTRUCTION UPDATE





# CONSTRUCTION UPDATE

Grade beam  
reinforcing





# CONSTRUCTION UPDATE



Excavation and  
construction of  
UDB #4





# CONSTRUCTION UPDATE



Topsoil screening operation



# QUESTION AND ANSWER

