MARCH 28, 2017

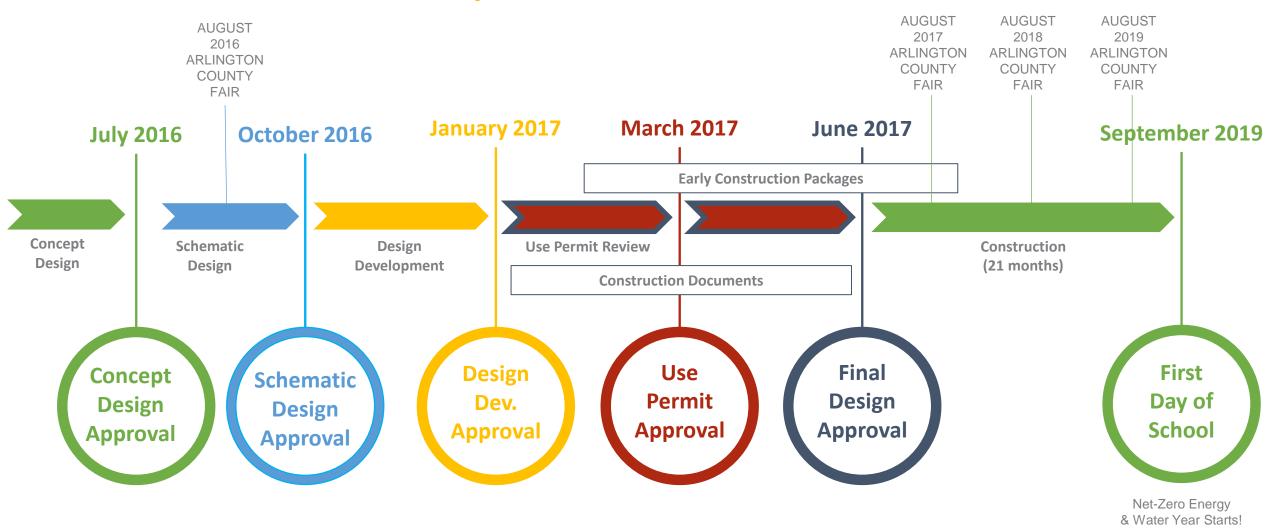
NEW ELEMENTARY SCHOOL AT THOMAS JEFFERSON MIDDLE SCHOOL

Parks & Recreation Commission

Project Parameters

- 1. New Elementary School for the Henry Community
- 2. Support Strategic Plan Goal #4 Provide Optimal Learning Environments
- 3. Address capacity by providing at least 725 seats
- 4. Open by start of school 2019
- 5. Multi-story building in northwest corner of site
- 6. Structured parking
- 7. Project cost \$59 million

General Schedule | Timeline





Overall Existing site plan



Overall Final site plan

Existing Condition



38.6% pervious 3.7% semi 57.7% impervious

Proposed Condition



34.3% pervious

8.8% semi

56.9% impervious

Existing condition



Final Design



CALCULATIONS

14.2.2.B.1 - STREET TREES	
REQUIREMENT:	
1 TREE PER 35 LINEAR FEET OF PUBLIC RIGHT OF WAY	
SITE DATA:	
SOUTH OLD GLEBE ROAD	
1031 LINEAR FEET	
STREET TREES REQUIRED:	
29 STREET TREES REQUIRED	
STREET TREES PROVIDED:	
30 STREET TREES PROVIDED	

DPR ADMINIST	RATIVE REGULATION 4.3 - TREE REPLACEMENT
REQUIREMENT:	
REPLACE TREES	SLATED FOR REMOVAL (SEE CIVIL SHEET T1.00 & T2.00)
REPLACEMENT T	REES REQUIRED:
187 TREE REPLAC	CEMENTS REQUIRED
REPLACEMENT T	REES PROVIDED:
246 TREE REPLAC	CEMENTS PROVIDED
91	LARGE SHADE TREES
47	MEDIUM SHADE TREES
68	MEDIUM EVERGREEN TREES
35	FLOWERING TREES
5	UPRIGHT SHADE TREES

187:	Replacement trees required
29: <u>158:</u> 187	Trees required along streetscape Trees throughout rest of site

157-

Trees scheduled for demolition

246: Total tree replacements being installed59 more than required89 more than exist





Along SOG



North of theater

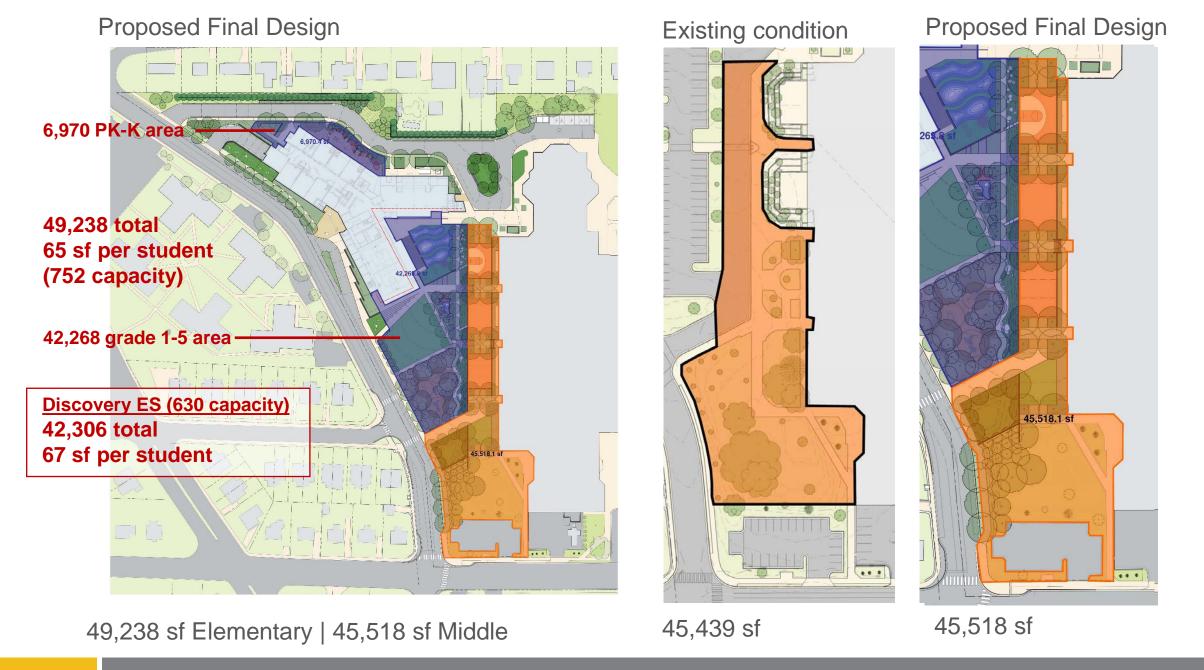
Two permanent wells already drilled down to 560 feet with conductivity results as expected.

70 more wells will be drilled during construction when the site is fenced off and in full site construction mode.

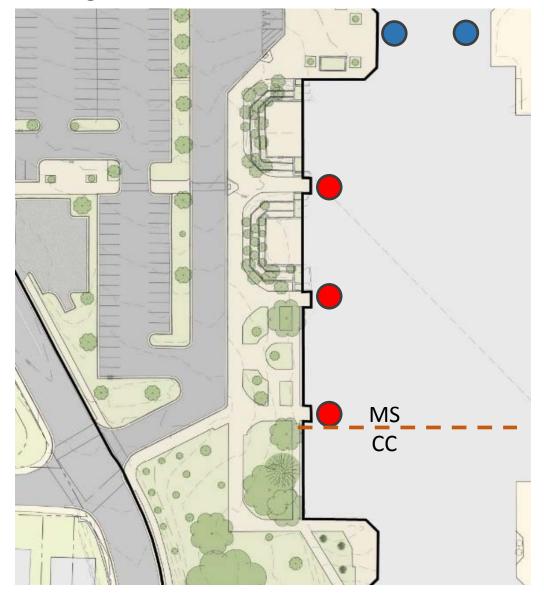
This is one of the largest energy saving aspects of the project. This also prevents the need for noisy exterior cooling towers, which often draw complaints in the summer



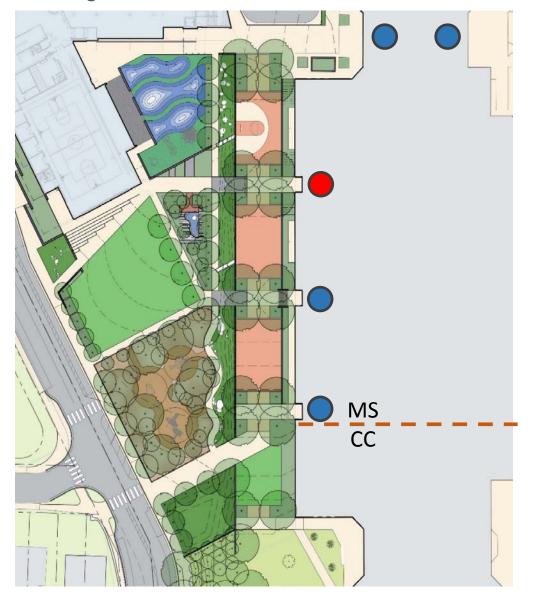
Example of construction signage



Existing condition



Final Design



15 MARCH

BLPC - PFRC



101 + 113 + 13 surface = 227. This is the amount of spots shown in Use Permit submission

227 + 20 on street = 247 + 23 corner lot = 270. 268 spots are recommended



























































Perspective view of art rooms from corridor: Final Design



Perspective view of storysteps connecting levels 3&4: Final Design



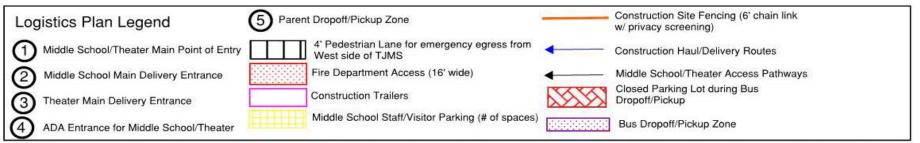




Perspective view of cafeteria looking west: Final Design



Perspective view of cafeteria looking south: Final Design





NEXT STEPS

3/14	Use Permit electronic copy re-submission
3/15	Use Permit hard copy re-submission
3/23	Urban Forestry Commission (UFC)
3/27	Environment & Energy Conservation Commission (E2C2) action
3/28	Park & Recreation Commission (PRC)
4/3	Transportation Commission (TC) action
4/5	Planning Commission (PC)
4/22	County Board approval

PROJECT COMMUNICATION

Monthly project updates will be posted on the APS Project Website during construction:

https://www.apsva.us/design-and-construction/new-elementary-school-jefferson-site/

For further information please contact:

APS NES @TJ Project Manager

Steve Stricker

571-220-0048

steven.stricker@apsva.us