MARCH 15, 2017

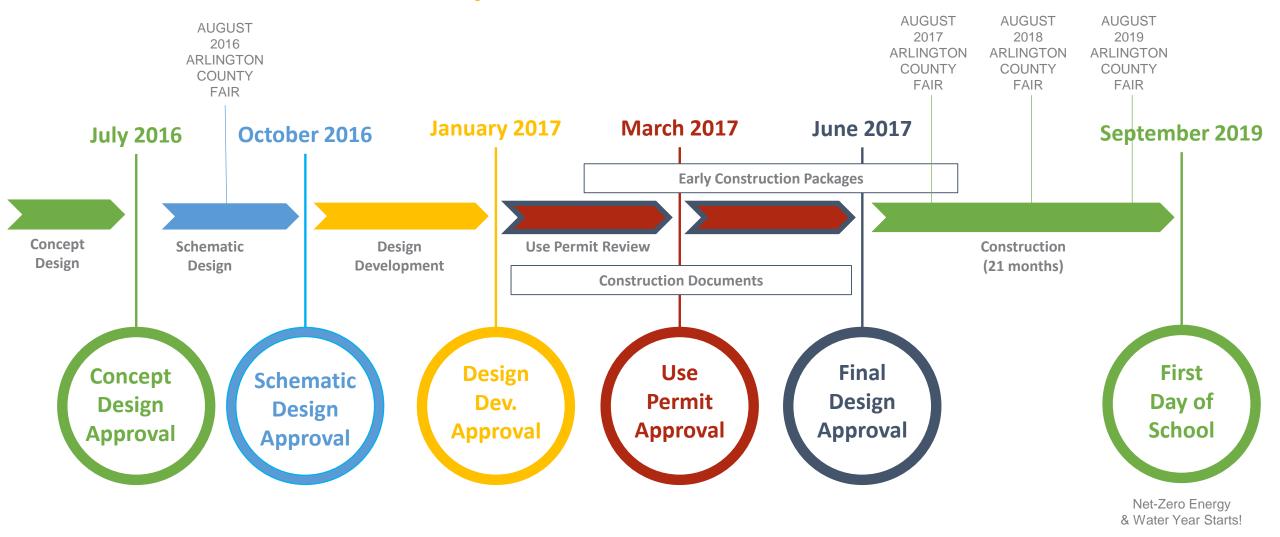
NEW ELEMENTARY SCHOOL AT THOMAS JEFFERSON MIDDLE SCHOOL

Joint BLPC PFRC Meeting

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 Schematic site plan



Overall Final site plan



Overall Schematic site plan

Upper level



112 spots

112 + 112 + 11 surface = 235

Lower level



112 spots

(not counting +/- 20 street spots on school side of SOG or 23 spots in corner lot)



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

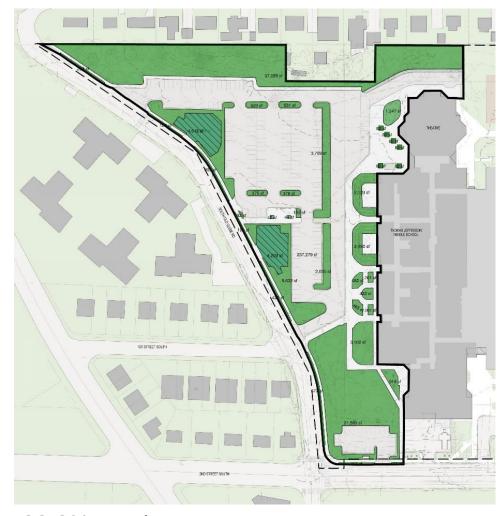


Overall Final site plan



Overall Schematic site plan

Existing Condition



38.6% pervious 3.7% semi 57.7% impervious

Schematic Design



32.5% pervious

11.6% semi

56.0% impervious

Proposed Condition



34.3% pervious 8.8% semi 56.9% impervious

Schematic Design



32.5% pervious

11.6% semi

56.0% impervious

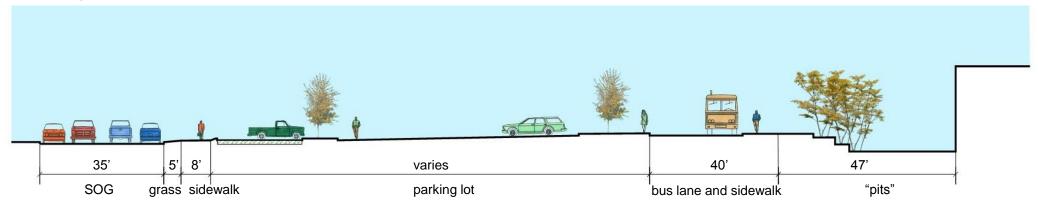


Enlarged Final Site plan

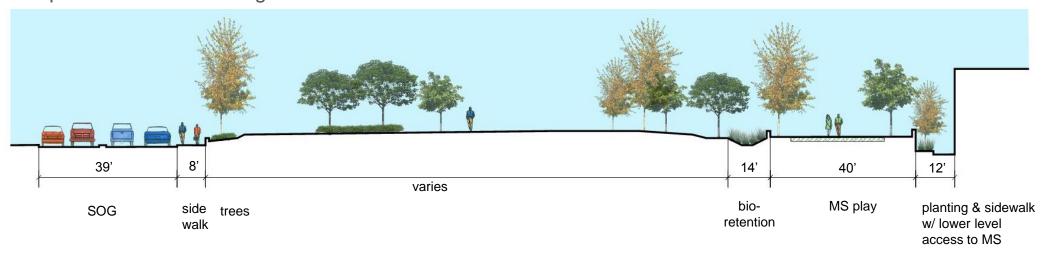


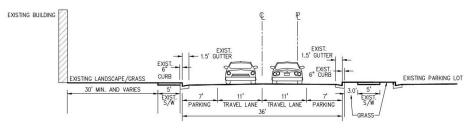
Enlarged Schematic site plan

Existing condition



Proposed schematic design

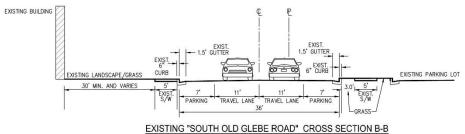




EXISTING "SOUTH OLD GLEBE ROAD" CROSS SECTION A-A

LOOKING NORTH

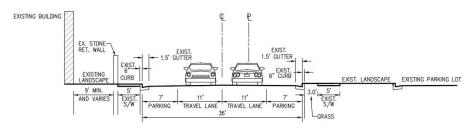
SCALE: 1"=10"



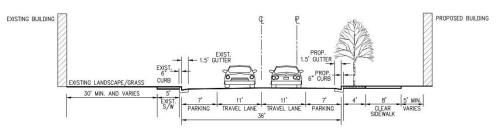
EXISTING "SOUTH OLD GLEBE ROAD" CROSS SECTION B-B

LOOKING NORTH

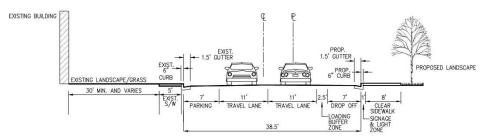
SCALE: 1"=10"



 $\frac{\text{EXISTING "SOUTH OLD GLEBE ROAD" CROSS SECTION C-C}}{\frac{\text{LOOKING NORTH}}{\text{SCALE: 1"=10"}}}$



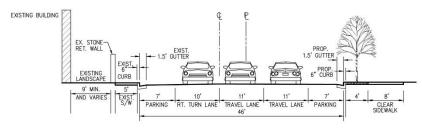
PROPOSED "SOUTH OLD GLEBE ROAD" CROSS SECTION A-A LOOKING NORTH SCALE: 1"=10"



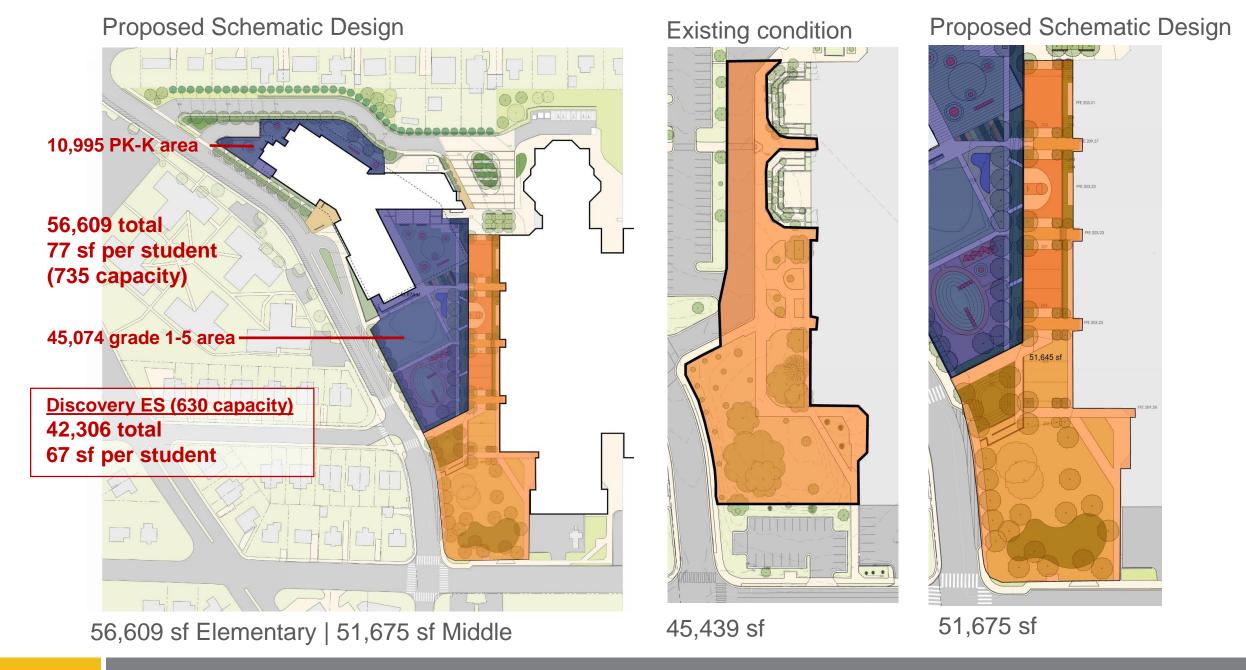
PROPOSED "SOUTH OLD GLEBE ROAD" CROSS SECTION B-B

LOOKING NORTH

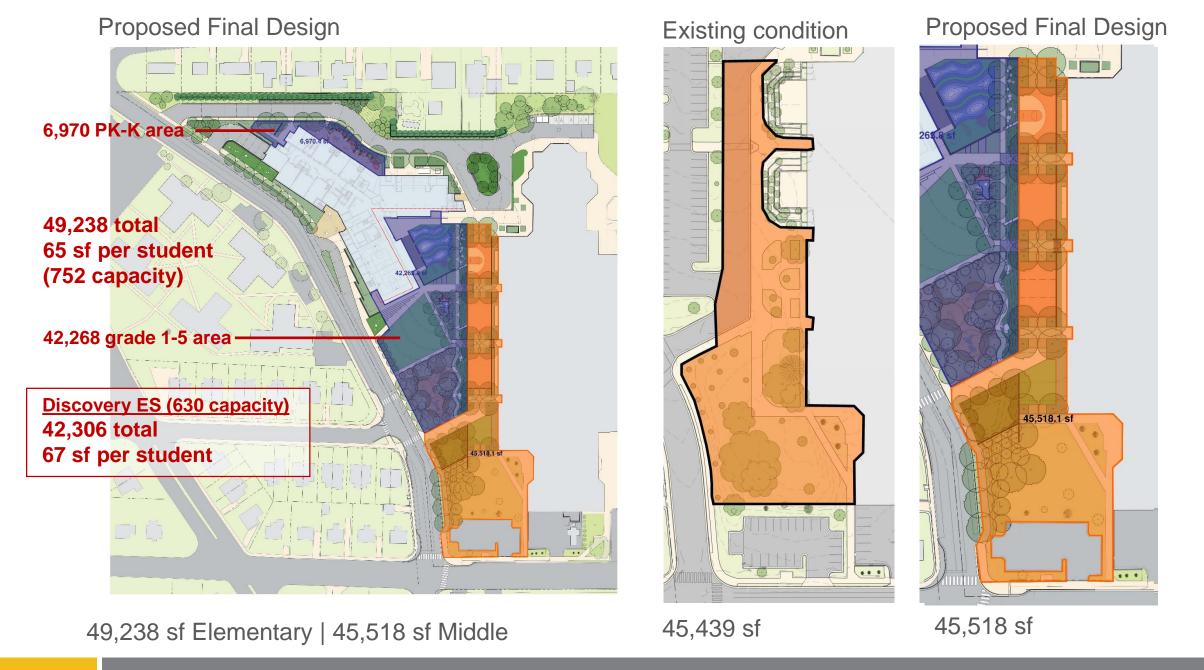
SCALE: 1"=10"



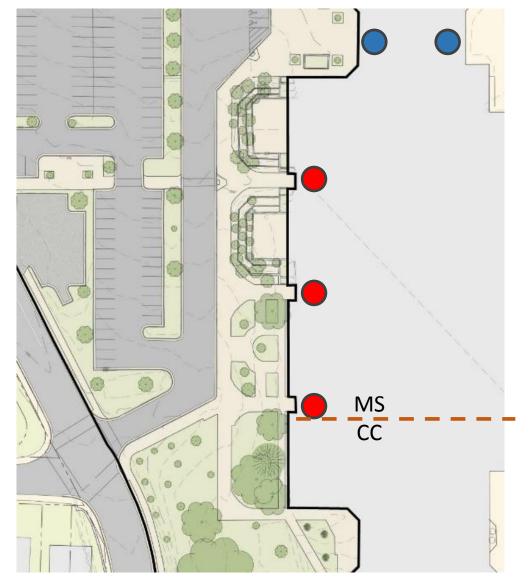
 $\frac{\text{PROPOSED "SOUTH OLD GLEBE ROAD" CROSS SECTION C-C}}{\underset{\text{SCALE: } 1"=10"}{\underline{\text{LOOKING NORTH}}}}$



15 MARCH



Existing condition

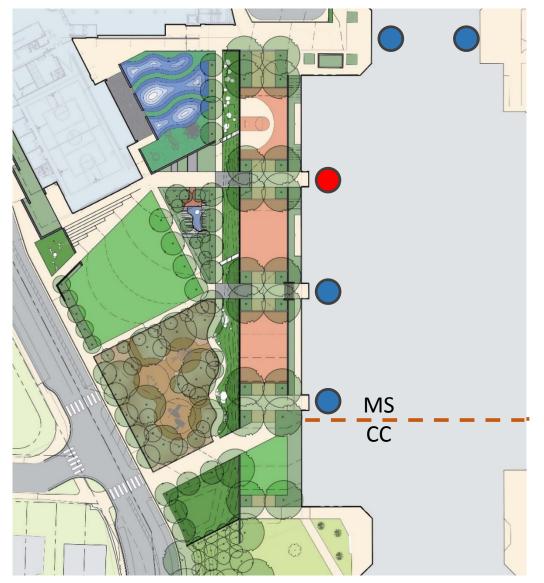


Middle school entries

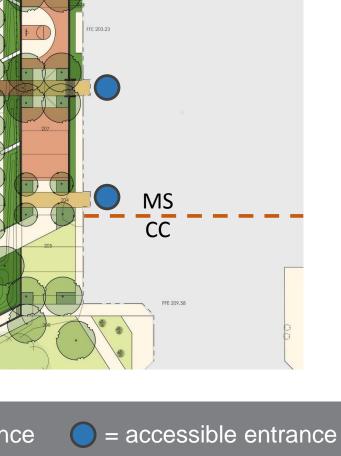




Final Design



Middle school entries



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: | i i |
| 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: |
| 191 TREE REPLAC | CEMENTS REQUIRED |
| REPLACEMENT T | REES PROVIDED: |
| 263 TREE REPLACE | CEMENTS PROVIDED |
| 83 | LARGE SHADE TREES |
| 42 | MEDIUM SHADE TREES |
| 102 | MEDIUM EVERGREEN TREES |
| 31 | FLOWERING TREES |
| 5 | UPRIGHT SHADE TREES |

157: Trees scheduled for demolition
191: Replacement trees required
29: Trees required along streetscape
162: Trees throughout rest of site
191

263: Total tree replacements being installed72 more than required106 more than exist





Along SOG



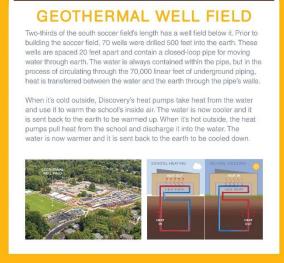


North of theater

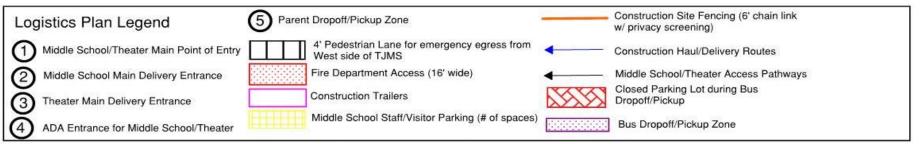
Two permanent wells already drilled down to 560 feet with conductivity results as expected.

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















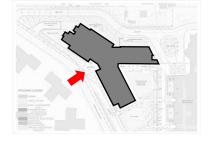
































































Perspective view of north elevation at bus drive: Schematic Design









































Perspective view of art rooms from corridor: 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 |

ADJORN

For further information please contact:

APS Project Manager County Project Manager

Steve Stricker Michelle Stahlhut

571-220-0048 703-228-3541

steven.stricker@apsva.us <u>mstahlhut@arlingtonva.us</u>

Web links:

APS Project Website

PFRC Project Website

Submit Public Comment and Sign up for Email Distribution