STRATFORD MIDDLE SCHOOL
RENOVATION AND ADDITION
ARLINGTON PUBLIC SCHOOLS

BLPC MEETING #1
APRIL 8, 2015
PROJECT TEAM

Arlington Public Schools
- John Chadwick
  Assistant Superintendent, Facilities & Operations
- Scott Prisco, AIA, LEED AP
  Director, Design & Construction
- Benjamin Burgin, AIA, LEED AP
  Assistant Director, Design & Construction
- William Herring, Jr.
  Project Manager

Quinn Evans Architects
- Carl Elefante, FAIA, LEED AP
  Principal
- Daniel Curry, AIA, LEED AP
  Project Manager
- Julia Siple, AIA, LEED AP
  Atara Margolies, LEED AP
  Project Architects

Toole Design Group
- James Elliott, AICP
  Project Manager
STAKEHOLDER PROCESS
## STAKEHOLDER PROCESS

### ROLE OF BLPC

### ED SPECS
- Program
- Educational Vision
- Pedagogy
- Space and Character
- Educational Pros & Cons
- Opportunities
- 21st Century Learning
- Flexibility

### BLPC

#### COMMUNITY
- Site
- Community Concerns/Use
- Design Input
- School Pros & Cons
- Circulation
- Architectural Character
- Massing
- Parking

### PFRC

#### COUNTY
- Building Siting
- Transportation
- Neighborhood Circulation
- Architectural Character
- Massing
- Community Vision
- Environmental Concerns
- Parking
Building Level Planning Committee - Governance

- APS Policy 50-1 Construction and Maintenance

- APS Policy Implementation Procedures 50-1.2 Building Level Planning Committees

http://www.apsva.us/Page/3168

Policy and PIP are undergoing revision. Proposed updates are provided.
Optimal Learning Environments

- Consistent with APS Strategic Plan Goal #4, the BLPC shall focus on providing optimal learning environments that are adaptable, energy efficient, environmentally sustainable, and provide adequate outdoor recreational space.

History of Existing School or Site

- Where appropriate, designs should acknowledge the history of the existing school or site.
Participation in Concept Design & Schematic Design Phases

- The BLPC assists APS staff and the project architects during the Concept Design and Schematic Design phases by reviewing the location of the building or additions on the site, site amenities, the massing of the building, adjacencies of interior spaces and site amenities, community use of the building and site amenities and impact of the project on the surrounding community.
BLPC – Policy Implementation Procedure (PIP) 50-1.2

- Staff shall schedule a meeting to present the Final Design to the BLPC for information prior to submitting it to the School Board for approval,
- The BLPC shall be invited to the community pre-construction meeting required under the Use Permit.
- During construction, staff may issue regular updates on progress and respond to queries from BLPC members in order to keep the stakeholder constituencies they represent informed of the status of the project.
- After construction the BLPC will participate in a post construction evaluation of the project.
BLPC - Membership

- 6 members of school staff
- 6 parents, nominated by PTA or PAC
- 2 members of civic association in which school is locate
- 1 member of each civic association within school attendance zone
- 1 member of Facilities Advisory Council
- Other members as appropriate to project, e.g. members of Historic Affairs and Landmark Review Board

Members are nominated by the stakeholder group they represent and appointed by the School Board. Members elect a chair.
BLPC - Resources

- APS Facilities and Operations staff
- APS Department of Instruction staff
- County staff as appropriate
PROJECT GOALS
MISSION
Arlington Public Schools instills a love of learning in its students and prepares them to be responsible and productive global citizens.

VISION
Arlington Public Schools is a diverse and inclusive school community, committed to academic excellence and integrity. We provide instruction in a caring, safe and healthy learning environment, responsive to each student, in collaboration with families and the community.
PROJECT GOALS

APS STRATEGIC GOALS

• Goal 1: Challenge and Engage All Students

• Goal 2: Eliminate Achievement Gaps

• Goal 3: Recruit, Retain & Develop High Quality Staff

• Goal 4: Provide Optimal Learning Environments

• Goal 5: Meet the Needs of the Whole Child
PROJECT GOALS

APS CIP GOALS

• 1,000 Seats

• Open by start of 2019 school year

• Maximum project cost $29.2m
We are dedicated to enriching the cultural heritage of the neighborhoods and communities in which we work, and to advancing sustainable design.
PROJECT TEAM

LIFELONG LEARNING ACROSS MULTIPLE DISCIPLINES

K-12

LIBRARIES

HIGHER EDUCATION

CULTURAL
PROJECT TEAM

MIDDLE SCHOOL EXPERIENCE

McKINLEY MS

KRAMER MS

ALICE DEAL MS
PROJECT TEAM
EXCEPTIONAL LEARNING ENVIRONMENTS

• Adaptable and flexible environments for 21st century education
• Create a unique sense of place
• Build community around common values of sustainability and stewardship
Public Schools:
• Discovery Elementary School
• Ashlawn Elementary School
• Drew Model School

Public Parks:
• Powhatan Springs Park
• Tuckahoe Park
• Mosaic Park
• Penrose Square

Private Developer:
• 400 Army Navy Boulevard
• Columbia Pike Village Center
• EPA Headquarters - Potomac Yard
• Potomac Yard Master Plan
O C U L U S

POWHATAN SPRINGS PARK, ARLINGTON, VA
POWHATAN SPRINGS PARK, ARLINGTON, VA
O C U L U S
ASHLAWN ELEMENTARY SCHOOL, ARLINGTON, VA

- Sensory Garden
- Pollinator Garden
- Global Citizens Peace Garden
- Shade Garden
- Pollinator Garden
- Sensory Garden
- Shade Garden
- Peace Garden
<table>
<thead>
<tr>
<th>Consultant Team</th>
<th>Service(s)</th>
</tr>
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<tbody>
<tr>
<td>Quinn Evans Architects</td>
<td>Architecture / Historic Preservation</td>
</tr>
<tr>
<td>Interface Engineering</td>
<td>M/E/P/FP</td>
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<td>McMullan &amp; Associates</td>
<td>Structural</td>
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<tr>
<td>Gordon</td>
<td>Civil</td>
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<td>Oculus</td>
<td>Landscape</td>
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<td>Toole Design Group</td>
<td>Transportation</td>
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<tr>
<td>Convergent Technologies</td>
<td>IT / AV/ Security</td>
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<tr>
<td>Nyikos</td>
<td>Food Service</td>
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<tr>
<td>Forella</td>
<td>Cost</td>
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</table>
• Fill in this sentence: “This project will be a wonderful success if ____________”

• 3 mins - write your response on a post-it
DESIGN PROCESS
## Major Milestones

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Concept Design Presentation to School Board</td>
<td>August 13, 2015</td>
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<tr>
<td>Schematic Design Presentation to School Board</td>
<td>November 17, 2015</td>
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<tr>
<td>Use Permit Submission</td>
<td>January 28, 2016</td>
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<td>Use Permit Approval</td>
<td>May 30, 2016</td>
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<tr>
<td>Bid Documents</td>
<td>January 18, 2017</td>
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<tr>
<td>Construction</td>
<td>Summer 2017 - Summer 2019</td>
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## PROJECT SCHEDULE

### BLPC AND SCHOOL BOARD PROCESS

<table>
<thead>
<tr>
<th>2015</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>JUL</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
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<td><strong>BLPC (Bi-weekly)</strong></td>
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<td>6/1-#5</td>
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<td>8/31-#8</td>
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<td>9/14-#9</td>
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<td>10/13-#11</td>
<td>11/9-#13</td>
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<td>6/29-#7</td>
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<td><strong>PFRC (Monthly)</strong></td>
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<td>4/15-#1</td>
<td>5/14-#2</td>
<td>6/11-#3</td>
<td>7/16-#4</td>
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<td>9/17-#5</td>
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<td>10/15-#6</td>
<td>11/12-#7</td>
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<tr>
<td><strong>SCHOOL BOARD</strong></td>
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<td>8/13 Concept Info</td>
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<td>11/17 SD Info</td>
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<td>9/24 Concept Action</td>
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<td>12/3 SD Action</td>
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Arlington Public Schools
Stratford Middle School - 31
<table>
<thead>
<tr>
<th>#</th>
<th>Topic</th>
<th>Date</th>
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<tbody>
<tr>
<td>1</td>
<td>Introductions and Discussion</td>
<td>April 8, 2015</td>
</tr>
<tr>
<td>2</td>
<td>Visioning and Site Planning</td>
<td>April 20, 2015</td>
</tr>
<tr>
<td>3</td>
<td>Site Planning and Massing</td>
<td>May 4, 2015</td>
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<tr>
<td>4</td>
<td>Learning Environments</td>
<td>May 18, 2015</td>
</tr>
<tr>
<td>5</td>
<td>Preliminary Concepts</td>
<td>June 1, 2015</td>
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<td>6</td>
<td>Concept Development and Value Analysis</td>
<td>June 15, 2015</td>
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<td>7</td>
<td>Preferred Concept and Conclusions</td>
<td>June 29, 2015</td>
</tr>
<tr>
<td>8</td>
<td>Review of School Board Presentation</td>
<td>August 31, 2015</td>
</tr>
</tbody>
</table>
CONTEXT

ELEMENTARY AND MIDDLE SCHOOLS

Enlarged View
PROGRAMMING

MIDDLE SCHOOL FOR 1,000 STUDENTS

- Stratford Program will relocate Summer 2017
- HB Woodlawn will relocate September 2019
- Minor renovations to existing building.
- Addition to include new classrooms media center.
- Parking and drop-off to accommodate new school population.
• Department of Parks and Recreation
• Department of Parks and Recreation

• Multi-purpose Field
• Department of Parks and Recreation
• Multi-purpose Field
• Parking
SITE FEATURES

- Department of Parks and Recreation
- Multi-purpose Field
- Parking
- Bus Loop
SITE EVALUATION STUDY

PROGRESS TO DATE

- Preliminary Programming
- Historic Research
- County Staff Meetings
- VDOT Meeting
- Preliminary Site Access Studies
- Project Budget

ORIGINAL BUILDING 1949

1994

2005

HB Woodlawn Secondary Program
These principles are intended to inform the design of civic facilities in Arlington, including buildings and other projects, to ensure they meet community goals for attractiveness, durability, and functionality.
APS Stratford Project
Transportation Analysis Overview

Stratford BLPC #1
April 8, 2015
Goals of Transportation Analysis

- Evaluate the transportation impacts of the existing programs
- Estimate the transportation impacts of the new middle school
- Recommend strategies to minimize future transportation impacts on Stratford neighborhood
- Recommend strategies to improve the safety, comfort, and convenience of walking, bicycling, and taking transit to the new middle school for students, staff and visitors
## TRANSPORTATION

### TDG Scope

<table>
<thead>
<tr>
<th>Task</th>
<th>Status</th>
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<tbody>
<tr>
<td>Preliminary Feasibility Study</td>
<td>• Memorandum—November 11, 2014</td>
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<tr>
<td>SRTS Team Meetings</td>
<td>• Meeting 1--March 17, 2015</td>
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<tr>
<td></td>
<td>• Meeting 2 TBD</td>
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<tr>
<td>Field Data Collection</td>
<td>• Arrival/dismissal observations—March 18, 2015</td>
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<tr>
<td></td>
<td>• Automated traffic counts (17 locations)—March 19-22, 2015</td>
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<tr>
<td></td>
<td>• Arrival/dismissal observations, manual counts, parking counts—March 24, 2015</td>
</tr>
<tr>
<td></td>
<td>• Special event observations, parking counts—March 25, 2015</td>
</tr>
<tr>
<td></td>
<td>• Arrival/dismissal observation, manual counts, parking counts—TBD</td>
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<tr>
<td></td>
<td>• Identify and assess priority pedestrian and bicycle routes—TBD</td>
</tr>
</tbody>
</table>

Completed, Upcoming
<table>
<thead>
<tr>
<th>Task</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Conditions Assessment</td>
<td>- Initial field assessment for potential Old Dominion driveway—April 2015</td>
</tr>
<tr>
<td></td>
<td>- Evaluate existing Vehicular Level of Service—May 2015</td>
</tr>
<tr>
<td></td>
<td>- Assess potential transit access and use—May 2015</td>
</tr>
<tr>
<td>Baseline/Future Trip Generation</td>
<td>- Baseline trip generation—May 2015</td>
</tr>
<tr>
<td>and Future Traffic Analysis</td>
<td>- Future trip generation—June 2015</td>
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<td></td>
<td>- Future parking impacts—June 2015</td>
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<tr>
<td></td>
<td>- Future traffic analysis and impacts—August 2015</td>
</tr>
<tr>
<td>Traffic Impact Analysis Report</td>
<td>- Fall 2015 (if needed)</td>
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<tr>
<td>for VDOT</td>
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<tr>
<td>Input and Coordination with the</td>
<td>- Ongoing</td>
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<td>Design Team</td>
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</table>

Completed, Upcoming
VDOT Coordination

- For potential driveway on Old Dominion (Route 29)
- Scoping Meeting with VDOT to confirm trip generation data and study assumptions and methodology
- Traffic Impact Study will be developed comparing existing conditions with future scenarios
- Traffic Impact Study will be reviewed by VDOT and the County
- Study will be revised as necessary to address VDOT and County comments
NEXT STEPS

- Transportation study
- Drop-off and Pick-up Site Visits
- Social Media Outlets
- Culture Cards