Educational Specifications
Community Meeting #2
March 18, 2014

ACPS & City of Alexandria
Agenda

- Welcome and Introductions
- Project Overview
- Progress Update
  - Schedule Review
  - Review of first meeting – results of visioning sessions
  - Summary of Stakeholder Feedback
- Visualizing a 21st Century School
  - Classrooms
  - Corridors & Public Spaces
  - Shared Spaces
  - Outdoor Spaces & Site Considerations
- Next Steps
- Question & Answer Session
Long Range Educational Facilities Plan

- 19-member Work Group jointly created by ACPS and City Leadership
- 15–18 months timeline

Diagram:
- Plan Goal
  - Community Engagement
  - Capital Funding
  - Updatable Elements
  - Feed into City Planning Process

Project Overview
Long Range Educational Facilities Plan

Joint City Council/ACPS Subcommittee
(4 members)

LREFP Work Group
Explores the major issues that will impact public school facilities over the long term and guides staff in the development of a draft Long-Range Educational Facilities Plan for consideration by the School Board and City Council.

Sub Committees

- **Enrollment Forecasts / Demographics**
  Establishing sustainable short and long-term enrollment forecast program

- **Facility Capacity Needs Analysis**
  Understanding current conditions and needs of the existing facilities

- **Educational Specifications / School of the Future**
  Planning for our future and matching of facilities to our students and our vision.

Joint Long-Range Educational Facilities Plan
To improve facilities planning, accommodate the growing student population, and enhance educational programs and services.
Overview of Educational Specifications

- Educational Specification Document
  - Summary of Planning Concepts
  - Facility Space Requirements
  - Program Area Detail
- Development Process
  - Technical expertise input
  - Community and stakeholder input
- Project Schedule
Schedule

- 1/16: Project Initiation
- 2/3: Community Meeting 1
- 2/3 – 3/10: Technical Interviews
- 3/18: Community Meeting 2
- 3/11 – 4/2: Document Drafting
- Mid April: Public Posting of Draft
- 4/24: Community Meeting 3
- Late May: Issue Final Document
Words & Phrases

What a School Facility Should Be
Visioning Results

- Schools should be designed to facilitate learning wherever and whenever
- ACPS should continue to strive to better integrate the use of technology
- Interior and exterior architectural quality is important to student achievement
- Facilities should encourage spontaneous interactions between teachers and students
- Community use of school buildings is a high priority
- Going above and beyond baseline environmental guidelines is an expectation
Technical Interviews

- Administration – Meeting Pending
- CTE
- Early Childhood
- Food Services
- General Academic
- Head Start/Campagna
- Health Services
- IT/AV
- Facilities Department
  - Operations
  - Security
- Media Center – Meeting Pending
- Partnerships
- Performing Arts
- Physical Education
- PTA’s
- RPCA
- Science – Meeting Pending
- Special Education
- Student Services – Meeting Pending
- Transportation
- Visual Arts
Summary of Feedback

- General Academic
  - Natural light with bright and welcoming colors with flexible furniture conducive to small group work
  - Provide display and teaching areas on multiple walls
  - Provide science lab functionality at the elementary level
  - Provide shared areas for teachers and classes to collaborate with age appropriate furniture
  - Provide adequate space in classrooms for teachers and students to move around comfortably and to accommodate needs of special education students.
CTE

- Provide flexible spaces to accommodate learning for business, FACS, and Technology
- FACS seeks kitchen studios in all middle schools with an adjacent herb garden
- CTE utilizes advanced computer workstations to support CAD drawing software
- CTE plans to utilize unique equipment including a laser engraver and a dynamic flexible workbench
Summary of Feedback

IT/AV
- Provide maximum flexibility and functionality for students and teachers via a robust wireless network.
- Expand infrastructure to support a one to one device ratio at all levels.
- Provide adequate power in multiple locations to support charging and flexible room arrangements.
Summary of Feedback

- **Security**
  - Access to schools during school hours should be controlled via a single point that utilizes a double perimeter arrangement routing all guests through the main office.
  - Shared use spaces operated by non ACPS programs should be co-located to maximize access control.
  - All-digital, HD, security cameras and supporting infrastructure.
Visualizing a 21st Century School
Visualizing a 21st Century School

- What should a 21st Century School look like?
- What kind of environment to parents and the community in general expect?
- How should students, parents, and community members interact with the facility?
Visualizing a 21st Century School

Classrooms
new furnishings and casework
suspended act ceiling to conceal new and old wiring
new windows, white aluminum with existing trim painted out white, with shades
new upright pendant fixtures
new prometheum board
new floor finish with pattern that unites entire school
new plasma TV

typical classroom view
1908 building
west view 3rd grade

typical classroom view
1908 building
east view 3rd grade
Visualizing a 21st Century School

Corridors & Public Spaces
Visualizing a 21st Century School

Shared Spaces
BRENT

elementary school library
Capitol Hill, Washington, DC

Existing skylights in the Brent School Library were unidentified. In the renovated library, the skylights are emphasized through the use of dynamically shaped and colored frames to become “light sculptures” that reflect luminescent colored light. The light from the skylights works to define space and illuminate the different areas of the library. The architects added new interior windows to visually connect the library to the rest of the school. A new computer work space for students was added to the plan.
The Peabody School Library consisted of a large, two-story space that was used in a variety of ways for the teaching of an elementary school library. The goal of the renovation was to transform the large space into a more appropriate library. Through the use of color and texture, floors, walls, and flooring were diversified to enhance the space. By raising the ceiling from 8 feet off the floor, the ceiling level was lowered from two stories to a height more comfortable for teacher and student interaction. To divide the large floor plan into three teaching areas, large canopies are mounted on the walls, keeping the interior lit and homier. Each year's math class will paint a canopy as a gift to celebrate the class.

early learning center
library
capital hill, washington, dc
Visualizing a 21st Century School

Site and Outdoor Spaces
Next Steps

- 3rd Community Meeting
  April 24, 2014
  T.C. Williams High School Cafeteria
  7:00–8:30pm
Planning & Zoning
Page updated Jan 14, 2013 9:31 AM

Long-Range Educational Facilities Plan

The City of Alexandria and the Alexandria City Public School System (ACPS) are jointly developing a work program for a Long Range Educational Facilities Plan to improve facilities planning, accommodate the growing student population, and enhance educational programs and services.

As part of the program, a 19 member work group was established and is comprised of members from the community, ACPS School Board, City Council, Campagna Center, and the PTA Council, supported by ACPS and City staff. The workgroup meets on a regular basis, generally quarterly, to explore the major issues that will impact public school facilities over the long term and to guide staff in the development of a draft Long Range Educational Facilities Plan for consideration by the School Board and City Council.

The public is invited to all meetings of the work group and is encouraged to stay informed about upcoming meetings through eNews.

- Work Group Members
- Joint COA/ACPS Work Program
- LREFP Work Program Supplement
- LREFP Long Range Educational Facilities Plan

For more information contact: Facilities Planner & GIS Specialist, ACPS, 703/461-4163 or Karl Moritz, Deputy Director, Planning and Zoning, City of Alexandria, 703/746-3804.

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Questions?