Educational Specifications Community Meeting #2 March 18, 2014

ACPS & City of Alexandria

Learning to Live • Loving to Learn
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Alexandria City Public Schools

CITY OF ALEXANDRIA VIRGINIA

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

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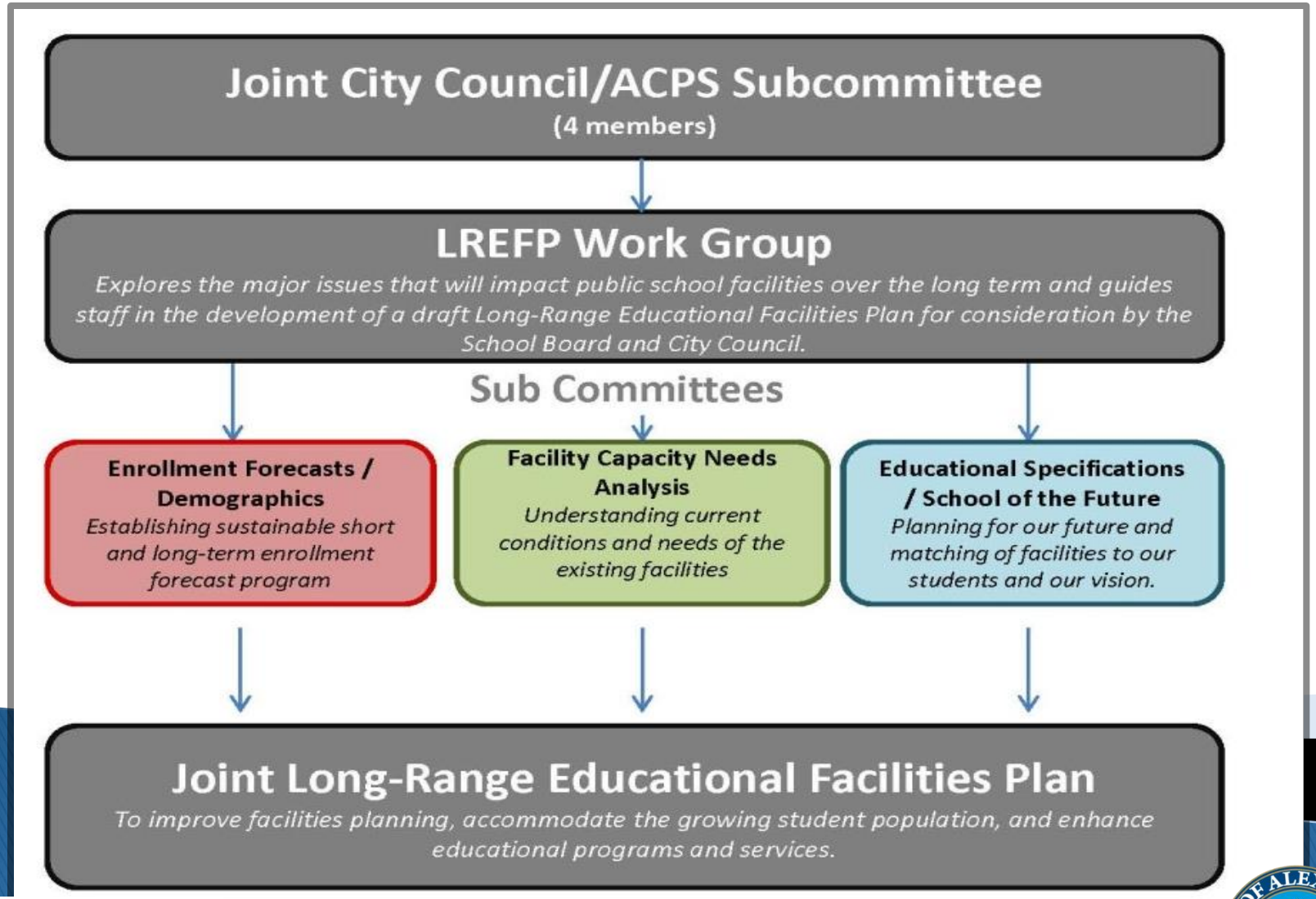
Long Range Educational Facilities Plan

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

Long Range Educational Facilities Plan



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

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Words & Phrases

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.

Summary of Feedback

- 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.

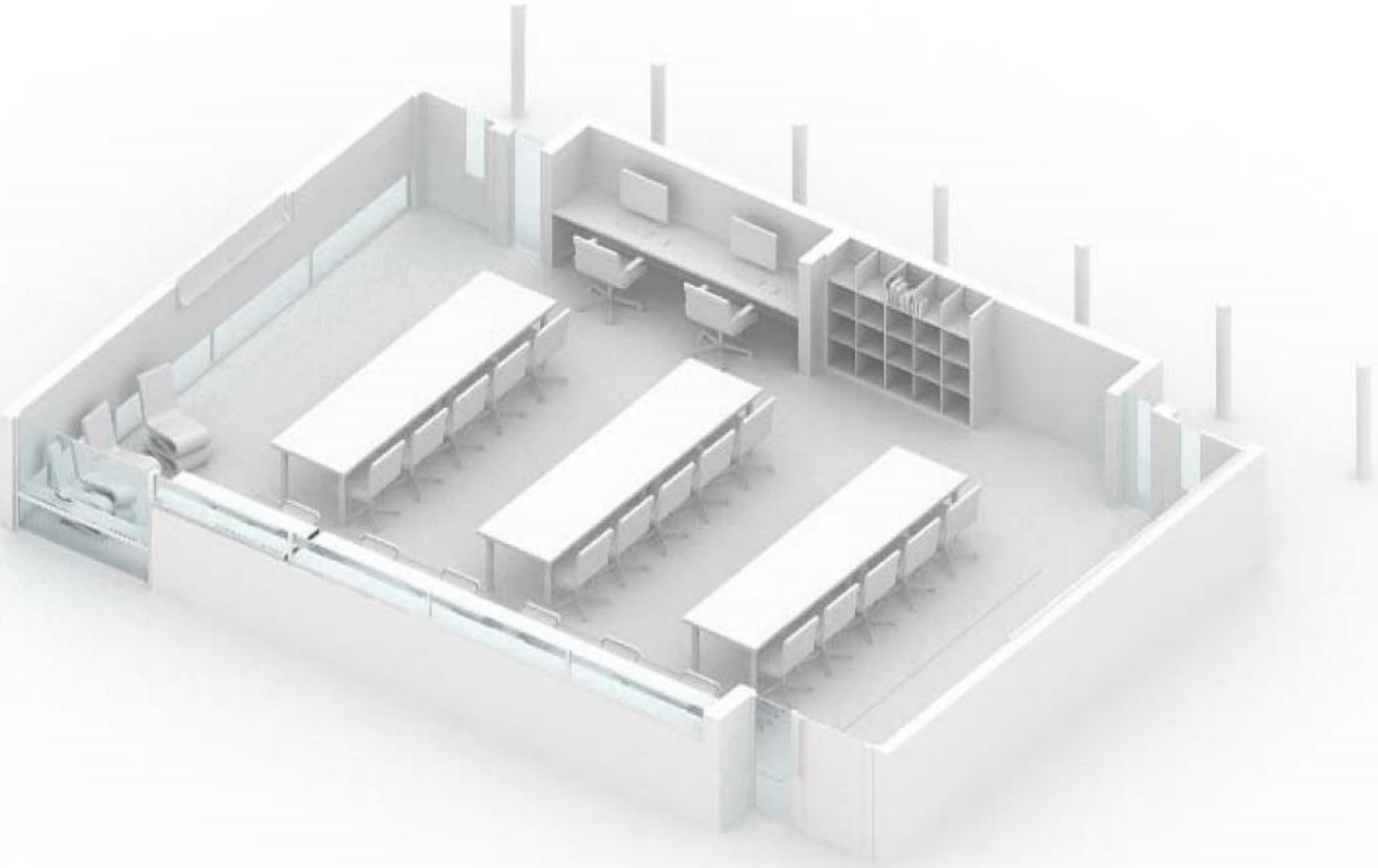
Visualizing a 21st Century School

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



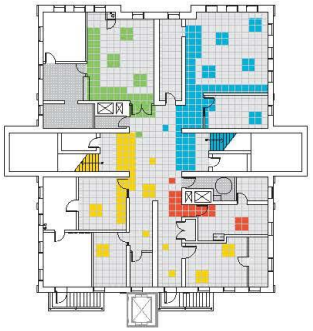
CLASS ASSIGNMENT

typical classroom view
1908 building
west view 3rd grade

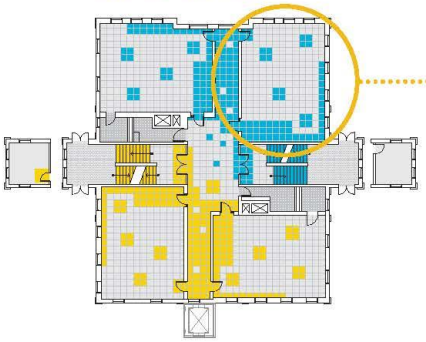
typical classroom view
1908 building
east view 3rd grade

first floor corridor perspective

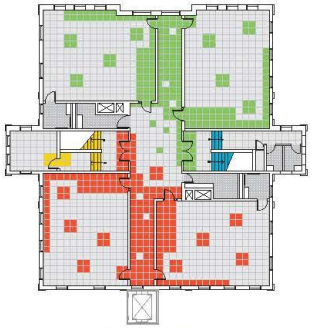
blue corridor classroom



basement floor finishes



first floor floor finishes



second floor floor finishes

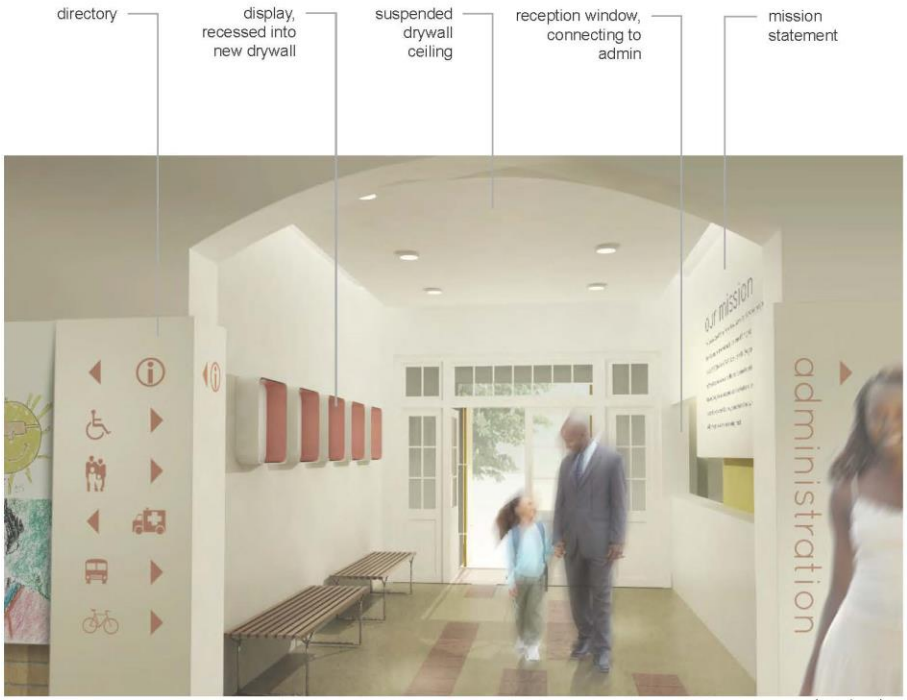
blue corridor classroom

Visualizing a 21st Century School

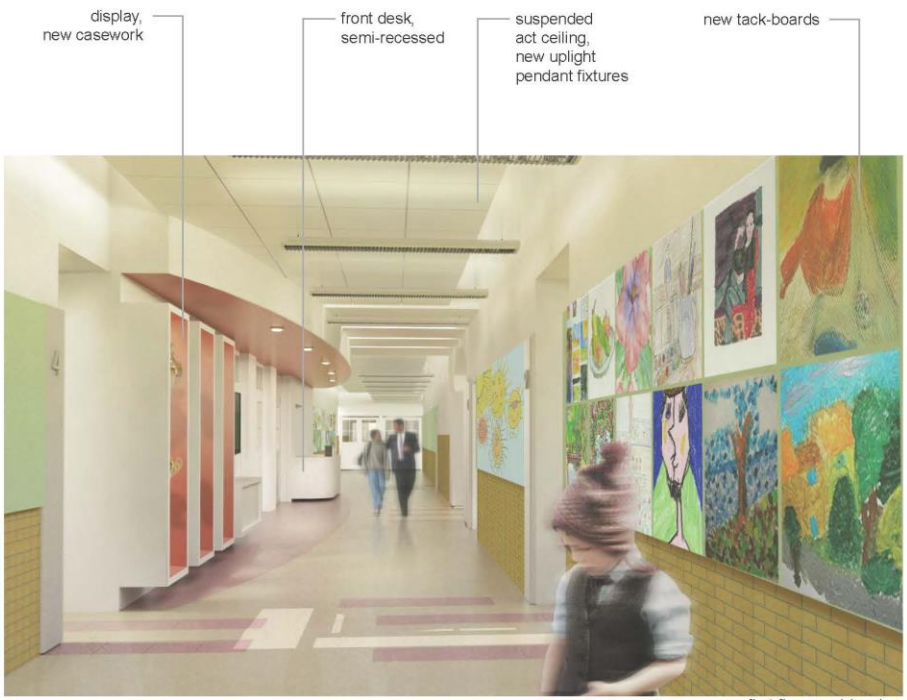
Corridors & Public Spaces

UNIT 5:
FAIRY
TALES

ALL OF
US WILL
LEARN.



main entry view
1908 building



first floor corridor view
1908 building
west view toward gymnasium and main entry

Visualizing a 21st Century School

Shared Spaces

BLACK BOX THEATRE

BRENT

elementary school **library**
capitol hill, washington, dc

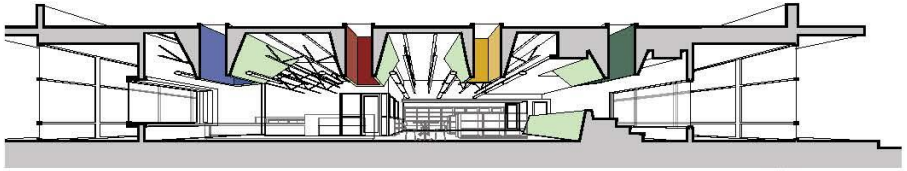
Existing skylights in the Brent School Library were underutilized. In the renovated library the skylights are emphasized through the use of dynamically shaped and colored frames to become "light monitors" that reflect luminous colored light. The light from the skylights works to define space and celebrate 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.

before

before

after

skylight detail



section

reading theater

PEABODY

early learning center **library**
capitol hill, washington, dc

The Peabody School Library occupied a large two story space that was out of scale for the inhabitants of an elementary school library. The goal of the renovation was to modulate this large space to a more appropriate scale. Through the use of color and texture, floors, walls and timbered truss elements are delineated to articulate place. By placing light fixtures seven to eight feet off the floor, the ceiling level is lowered from two stories to a height more comfortable for kinder garden students. To divide the large floor plate into three teaching areas, large canvases are mounted on the existing heavy timbered wood trusses. Each year, each class will paint a canvas as a gift to next year's students.

before

before

after

Visualizing a 21st Century School

Site and Outdoor Spaces

Bioretention Garden

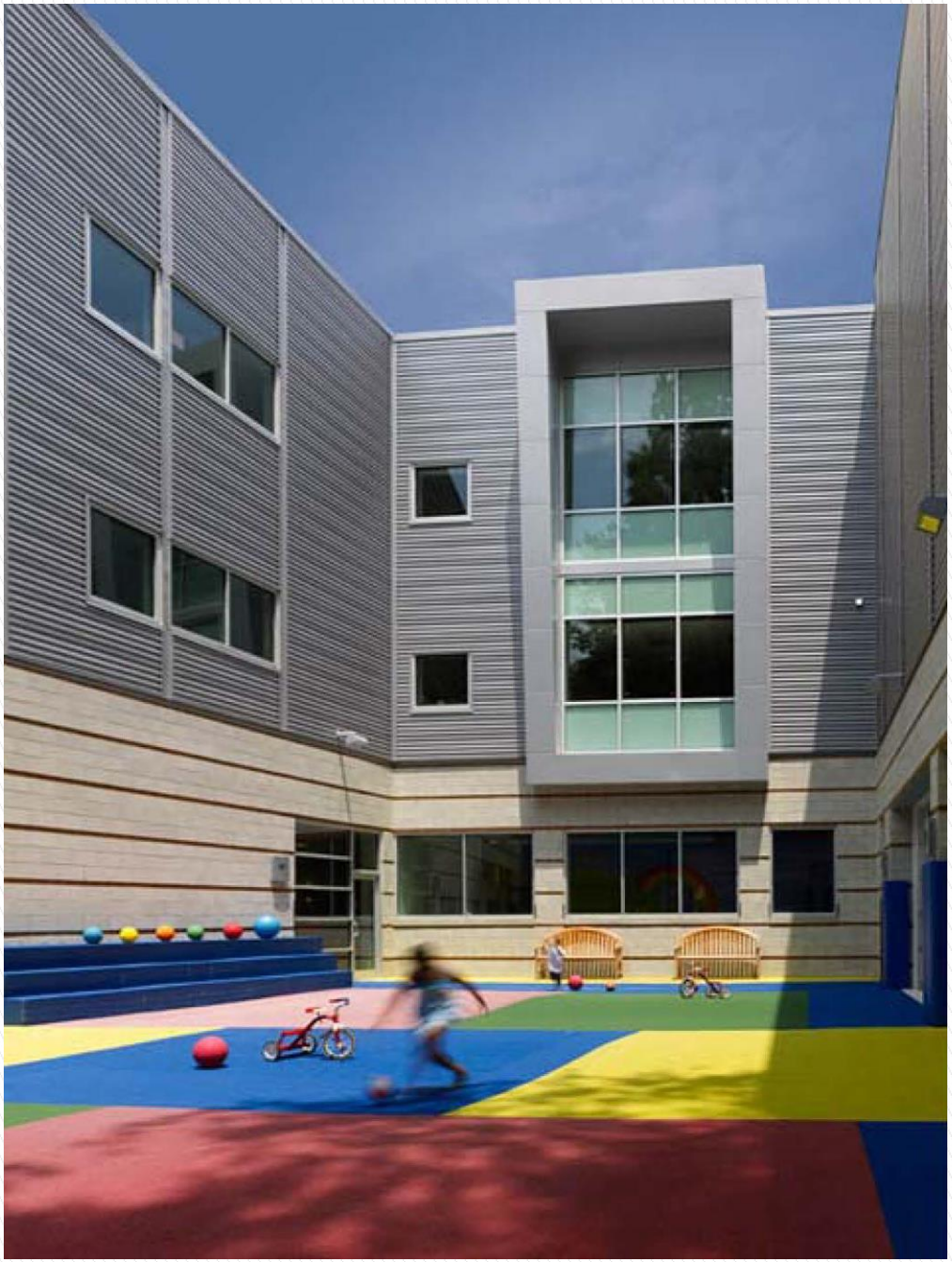
Forest Courtyard

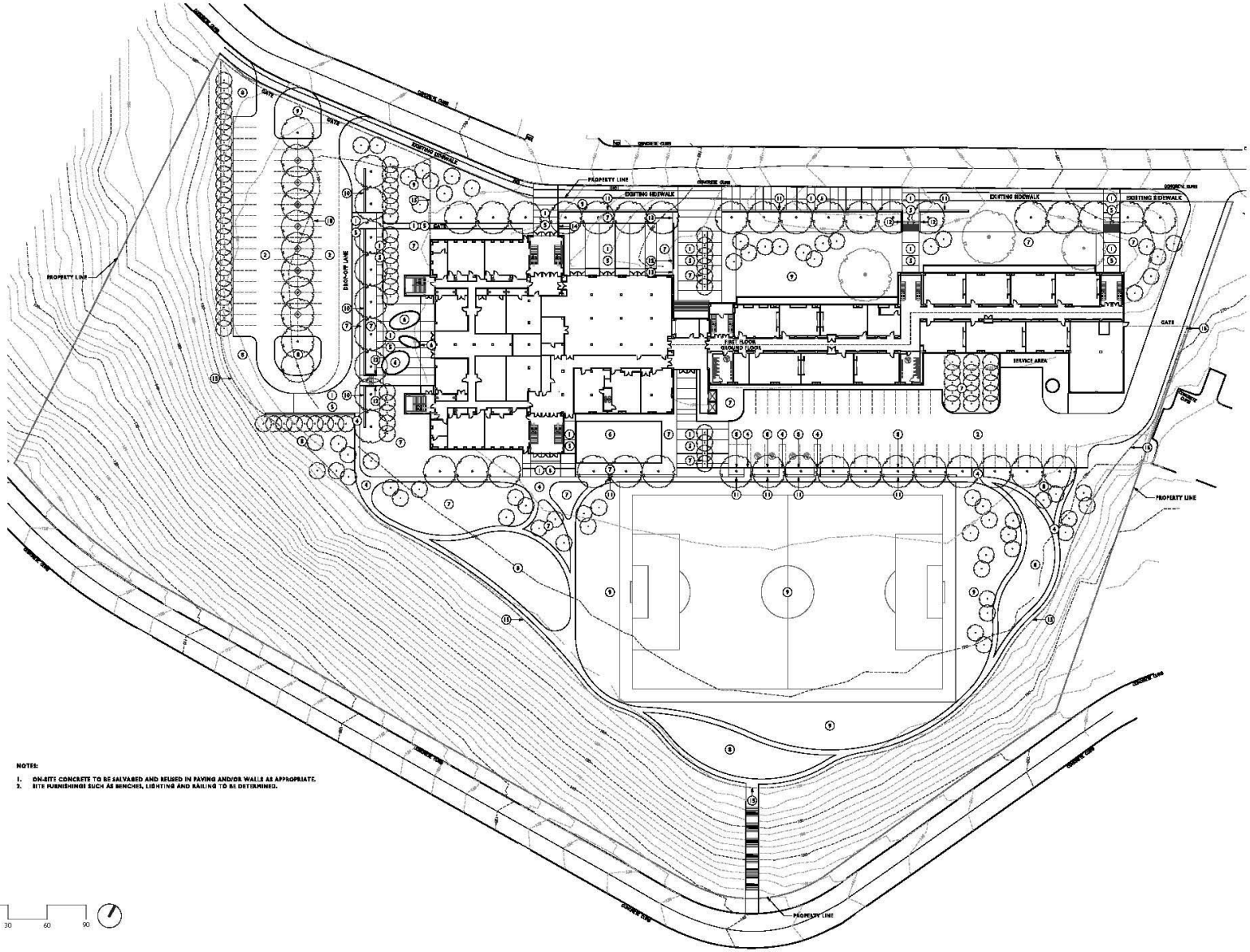
Forest Court Installation

Spring Planting

Bench Wall

Manassas Park Elementary School (MPES) and Kindergarten
Manassas Park, VA





NOTES:

1. ON-SITE CONCRETE TO BE SALVAGED AND REUSED IN PAVING AND/OR WALLS AS APPROPRIATE.
2. SITE FURNISHINGS SUCH AS BENCHES, LIGHTING AND RAILING TO BE DETERMINED.

KEYNOTES

1. CIP CONCRETE WITH SAWCUT JOINTS AND SPECIAL FINISHES
2. ASPHALT PARKING LOT
3. STONE DUST
4. STABILIZED STONE DUST OR CIP CONCRETE
5. SAWCUT SALVAGED CONCRETE PAVING TO BE USED AS ACCENT BANDING
6. POURED IN PLACE RUBBER PLAY SURFACE WITH CIP CONCRETE CURB
7. SPECIAL PLANTING AREA
8. BIORETENTION AREA
9. TURF
10. TREES IN STRUCTURAL SOIL IN PARKING AREA
11. SAWCUT SALVAGED CONCRETE WALL (18")
12. CIP CONCRETE RETAINING WALL
13. CIP CONCRETE RETAINING WALL WITH GUARDRAIL
14. GATE
15. FENCE

ZONING SUMMARY

square: 5972
lot: 0060
zone: R-5-A
year built: 1962
land area: 386,597 sf
building gross floor area: 137,015 sf

lot occupancy: 60%
allowable: 231,358 sf
current: 49,800 sf (13%)
available: 182,055 sf

floor area ratio: 1.8 max
allowable: 694,075 sf
current: 137,015 sf (for 36)
available: 557,755 sf

building height:
allowable: 90 feet
current: 50 feet

setbacks:
front yard: 0 feet
side yard: 8 feet min (or 2' per foot of building height)
rear yard: 20 feet

parking:
elementary & junior high:
2 spaces for each 3 teachers/employees

high school & accessory uses:
2 spaces for each 3 teachers/employees + either 1 space for each 20 classroom seats or 1 space for each 10 seats in the largest auditorium / gymnasium / public assembly space

98 teachers	65 spaces
300 seat auditorium	30 spaces
required:	95 spaces
total provided:	100 spaces

loading:
1 loading berth @ 30 feet deep
1 loading platform @ 100 sq ft
1 service/delivery loading space @ 20 ft deep

LANDSCAPE LEGEND

EXISTING TREE TO REMAIN

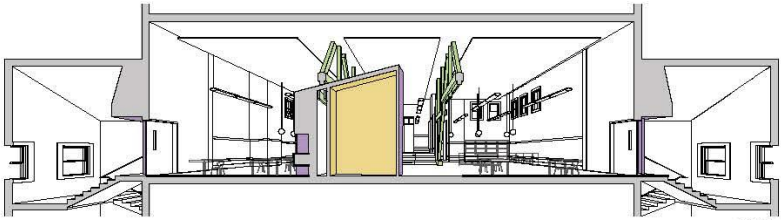
PROPOSED CANOPY TREE

PROPOSED UNDERSTORY TREE

Douglass Junior High School
2620 douglass rd se
Site Plan

studio27architecture
t.202.939.0027
www.studio27arch.com

layering detail



section

library area

circulation desk

section

story area

Cafeteria
"WORK HARD.
BE NICE"
KIPP DC
WEBB CAMPUS

Next Steps

- 3rd Community Meeting
  April 24, 2014
  T.C. Williams High School Cafeteria
  7:00-8:30pm

For more information and to stay in touch…

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Tuesday, January 15 • 42° Air Quality: Green

Planning & Zoning

Page updated Jan 14, 2013 9:31 AM

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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
- LREF

For more in
Facilities Planner & GIS Specialist, ACPS, 703/461-4168 or Karl Moritz, Deputy Director, Planning and Zoning, City of Alexandria, 703/746-3804.

QUICK LINKS

- About Planning & Zoning
- Development
- GIS & Maps
- Historic Preservation
- Neighborhood Planning
- Planning Commission
- Plans, Projects & Initiatives
- Statistics & Demographics
- Zoning Services

RESOURCES

- Administrative Special Use Permits
- Alexandria Master Plan & Citywide Chapters
- Applications & Forms
- Design Guidelines
- Development Viewer
- Frequently Asked Questions
- P&Z Dockets & Webcasts
- SUP Viewer
- Zoning Ordinance

Obtain and review public documents and records?

www.alexandriava.gov/68540

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Questions?