CHADWICK ELEMENTARY SCHOOL
PRELIMINARY DESIGN PRESENTATION

The Board of Education of Baltimore County
Verletta White, Interim Superintendent

May 8, 2018
Agenda

- Project Information
- Project Goals
- Site Conditions
- Building Organization
- Renderings and 3D Animation
- Project Schedule Overview
- Questions
Project Information

Chadwick Elementary School
- 74,834 SF
- Replacement School
- Evolution of Prototype
  (Mays Chapel, Lansdowne, Dundalk)

Enrollment Information
- Existing SRC - 408
- Current Enrollment - 649
- Projected Enrollment - 678
- Proposed SRC - 735

Regional Programs
- No programs at this time.

Existing Site
- 13.37 acres

Vicinity Map

Images © Google
Project Goals

Support 21st Century Learning Techniques

• Integrated technology
• Flexible classroom clusters
• Collaborative spaces
  • Multiple spaces, conveniently located
  • Easily supervised
  • Flexible
• Spaces for hands on learning
  • Maker space
  • Learning commons
Project Goals

Sustainable Design

- LEEDv4 Silver Certification (Leadership in Energy and Environmental Design)
- Shared spaces for community use
- Energy conservation-geothermal heat pump system
- Recycled and regional materials
- Low water-use plumbing fixtures
- Vegetative roof
- School as teaching tool - outdoor learning area
Project Goals

Safety and Security

Safety

• Separate pedestrians from vehicles
• Separate cars from buses
• Public areas within the building can be secured from academic areas

Security

• Building lighting and landscaping are designed to maximize visibility and security
• Security camera and card reader system: 50+ cameras
  • Locations selected in consultation with principal and school and security administration
  • Exterior cameras cover full perimeter, fields, parking and entry
• Security Vestibule with two points of verification
• Command Center located with in the building
Project Location

Map data ©2018 Google
Project Location

Neighborhood Location Map

Chadwick E.S.

Dogwood E.S.
Site Conditions

Original Construction: 1964

Portable Classrooms: 9

Modular Addition: 1995
Existing Site Conditions

CHADWICK ELEMENTARY SCHOOL
May 8, 2018
Evolution of the Prototype

Mays Chapel
OPENED 2014

Lansdowne
OPENING 2018

Dundalk
OPENING 2019

Chadwick
OPENING 2020
Building Organization

Second Floor Plan

CHADWICK ELEMENTARY SCHOOL
May 8, 2018
Exterior Renderings
Main Entrance
3D Animation

CHADWICK ELEMENTARY SCHOOL
May 8, 2018
Interior Animation

CHADWICK ELEMENTARY SCHOOL
May 8, 2018
Interior Renderings
Cafeteria
Interior Renderings
Collaboration Space
## Project Schedule Overview

<table>
<thead>
<tr>
<th>Phase/Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Start</td>
<td>December 2017</td>
</tr>
<tr>
<td>Contract Award</td>
<td>February 2019</td>
</tr>
<tr>
<td>Construction Start</td>
<td>March 2019</td>
</tr>
<tr>
<td>Building Construction Completion</td>
<td>July 2020</td>
</tr>
<tr>
<td>Site Restoration Completion</td>
<td>August 2021</td>
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