Colgate Elementary School
PRELIMINARY DESIGN PRESENTATION

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

COLGATE ELEMENTARY SCHOOL
April 17, 2018
AGENDA

- General Information
- Existing Conditions
- Project Goals
- Project Location
- Site Conditions
- Building Organization
- Renderings
- Project Schedule Overview
- Questions
GENERAL INFORMATION

• Colgate Elementary School - Replacement

• Enrollment Information
  • Existing SRC 319
  • Current Enrollment 432
  • Proposed SRC 530

• Building Square Footage
  • Existing Building 49,860 gsf
  • New Building 88,123 gsf

• Regional Programs
  • None

• Special Education

• School Construction History
  • Original Building Construction 1924
  • Additions 1929, 1951 and 1966
EXISTING CONDITIONS

Aerial Photo of Colgate Elementary School in 1926

ORIGINAL BUILDING
BUILT IN 1924
EXISTING CONDITIONS

Aerial Photo of Colgate Elementary School in 2017
Support 21st Century Learning Techniques

- Flexible spaces for collaboration
- Spaces for hands on learning
- Integrated technology throughout
- Green roof to be used as outdoor learning area
- Photovoltaic panels as an educational exhibit

Implement Sustainable Design Strategies

- Building location respects the adjacent homes and maintains a buffer from major roadways
- Project includes recreational facilities that are shared with surrounding community
- Project conserves energy through the use of a highly efficient boiler system
- Recycled and regional materials are specified for use throughout the new building
- Low water-use plumbing fixtures are specified for use
- Achieve LEED Silver™ rating (Leadership in Energy and Environmental Design) from the United States Green Building Council (USGBC)
**PROJECT GOALS**

**Promote Safety Objectives**

- Building lighting and landscaping are designed to maximize visibility
- Separated pedestrian, car, and bus traffic

**Promote Security Objectives**

- Card reader and security camera system
- Lockout vestibule entry into the building
- Building lighting and landscaping are designed to enhance security
- Community areas secured from educational areas

**Unique Design Features**

- Compact footprint provides daylight and views
- Clustered classroom locations are flexible
- Extended Learning Areas
- Collaborative Learning Areas
EVOLUTION OF THE WEST TOWSON ES PROTOTYPE

- Addition of Extended Learning Areas
- Increased Collaborative Learning Areas
- Standardization of typical classroom sizes and features
- Use of exterior materials that harmonize with surrounding community
- Addition of grade level storage rooms for each grade
- Addition of Digital Learning Lab and Maker Space
PROJECT LOCATION

Regional Location Map

COLGATE ELEMENTARY SCHOOL
April 17, 2018
PROJECT LOCATION

Neighborhood Location Map
Proposed Architectural Site Plan

SITE CONDITIONS

Pre-K / K PLAY AREA
GRADE 1-5 PLAY AREA
MULTI-PURPOSE HARD SURFACE COURT

60’ BALL FIELD

BUS PATH
CAR PATH
STUDENT PATHS

ON-SITE PARKING SPACES — 63
CURB-SIDE STREET PARKING SPACES — 22
TOTAL PARKING SPACES — 85
BUILDING ORGANIZATION
(Circulation)

SERVICE ENTRY

FACULTY / STUDENT ENTRY

Ground Level Plan
BUILDING ORGANIZATION
(Circulation)

Upper Level Plan

STAIRS TO ENTRY LEVEL

ELEVATOR TO ALL LEVELS

STAIRS TO ENTRY LEVEL

Upper Level Plan

COLGATE ELEMENTARY SCHOOL
April 17, 2018
Building Organization

Extended Learning Area
Collaborative Learning Area
Grade Level Storage

3rd Grade Classrooms
4th Grade Classrooms

Recreation & Parks
Restrooms and Storage

ESOL & Special Education Classrooms
5th Grade Classrooms

Ground Level Plan

Colgate Elementary School
April 17, 2018
BUILDING ORGANIZATION

COLGATE ELEMENTARY SCHOOL
April 17, 2018
INTERIOR RENDERINGS - CAFETERIA / PLATFORM

COLGATE ELEMENTARY SCHOOL
April 17, 2018
Interior Renderings – Typical Classroom

COLGATE ELEMENTARY SCHOOL
April 17, 2018
Interior Renderings – Upper Level Lobby

COLGATE ELEMENTARY SCHOOL
April 17, 2018
Interior Renderings – Learning Commons
Interior Renderings – Ground Level Collaboration Area

COLGATE ELEMENTARY SCHOOL
April 17, 2018
Interior Animation
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Thank You

Questions and Answers