



21st Century School Buildings Plan

SCHOOL Calvin M. Rodwell Building

COMMUNITY MEETING Concept Design | November 9, 2017



Introductions

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Design Collective | Samaha JV

Agenda

- 21st Century School Buildings Program
- School Size and Program Requirements
- Academic Planning Process
- Existing Conditions
- Design Studies
- Site Design
- Floor Plans
- Exterior Views and Landscape
- Feedback

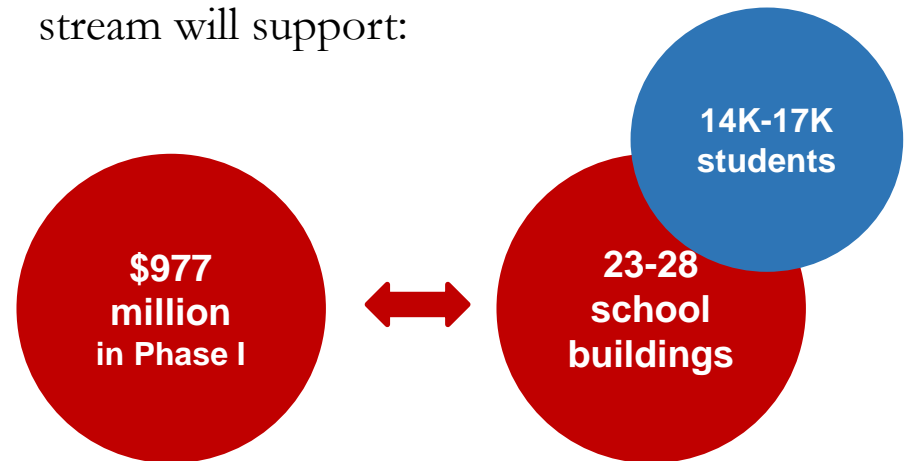
21st Century School Buildings Program Update

The Baltimore City Public School System (City Schools) Construction and Revitalization Act of 2013 resulted in a partnership between:

- The State of Maryland
- Baltimore City
- City Schools

Each contribute \$20 million annually towards the plan.

Current estimates suggest the funding stream will support:



City Schools' Plan is one of the largest public works project in Baltimore City to date.

Investment in buildings, students and communities

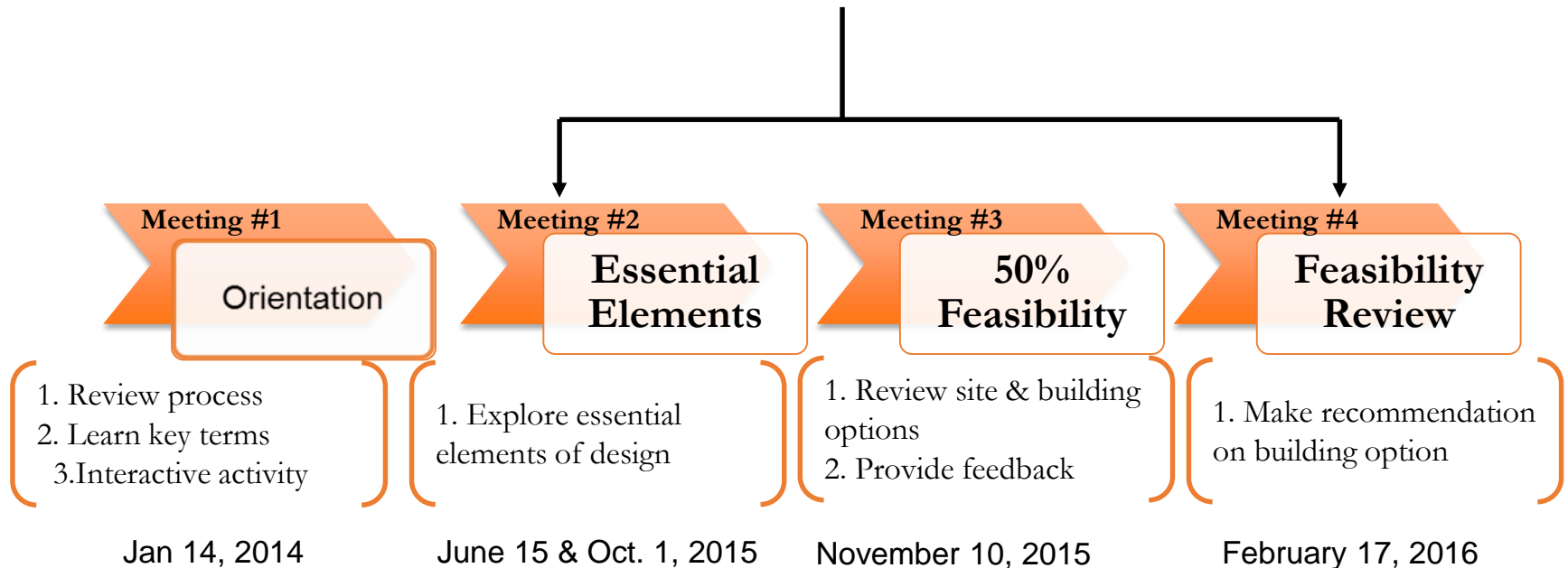
Overall school revitalization project has three goals:

- (1) to transform student opportunities and achievement;
- (2) improve engagement and wellbeing of communities;
- (3) help revitalize neighborhoods and communities.

Educational Specification & Feasibility Study



Planning: 6-8 Months



Stakeholder Voice

Values: What's Important

Improve mood
Reach diverse learners Community
Welcoming Technology
Learning anywhere

Calvin Rodwell Summary of Spaces

(6) Pre K and Kindergarten Classrooms	(1) Art rooms
(6) 1 st and 2 nd grade classrooms	(2) Music classrooms
(9) 3 rd , 4 th and 5 th grade classrooms	(1) Technology Lab
(9) 6 th , 7 th , and 8 th grade classrooms	(2) Flex classrooms
(6) Collaborative learning areas	Media Center/ Video Studio
(3) Special Education classrooms	Cafeteria
(1) Culinary Arts classrooms	Gymnasium
(2) Middle school science classrooms	Administrative/Student Services
(1) Elementary school science classroom	Community Space (including BCRP Spaces)

Design Goals

Connecting stakeholder voice

Design an organized plan for the building that best utilizes the existing site

Building Orientation for Maximum Efficiency



Daylight and Views for all Classroom and Learning Spaces

Design an organized plan for the building that best utilizes the existing site

Strong Connection to the Community

Existing Site Plan



- 1 Inefficient parking lot
- 2 No drop-off or pull-off present at main entry for busing and student pick-up/drop-off
- 3 +20 foot grade change from upper parking lot to lower play areas
- 4 Service / Loading
- 5 Existing Playground

← One-Way Traffic

↔ Two-Way Traffic

→ Major Pedestrian Approach

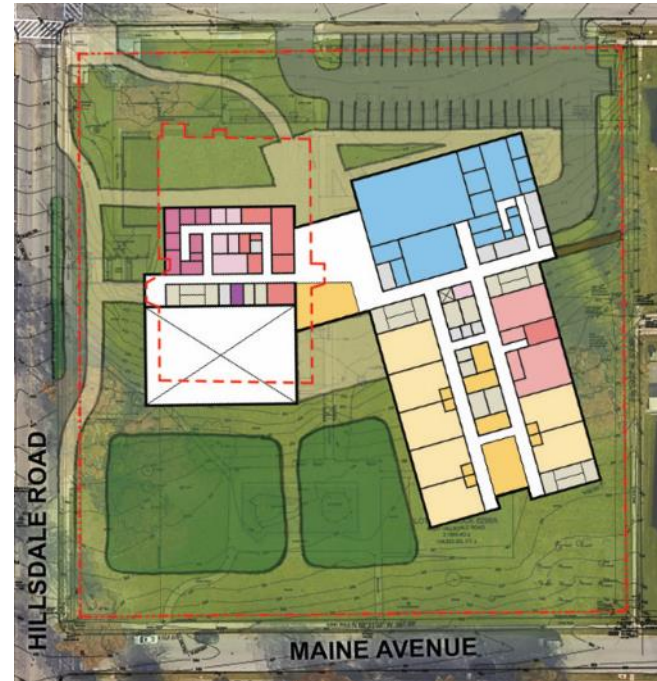


Feasibility Study vs. Design

Feasibility Study Plan



Concept Design Plan



Modifications:

- Open the building to the play area
- Provide bus and car pull-off on Hillsdale Road
- Use the building to make up the significant existing grade change on site
- Provide entry plaza at the active corner of Liberty Heights Avenue and Hillsdale Road
- Provide optimal orientation for building efficiency

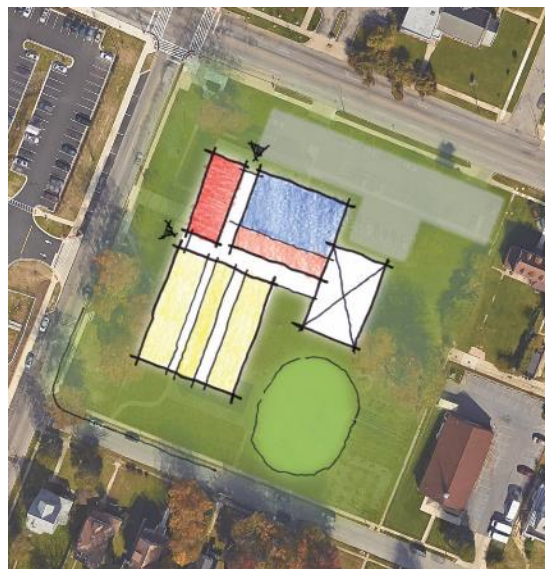


Design Concept Options

Option A



Option B

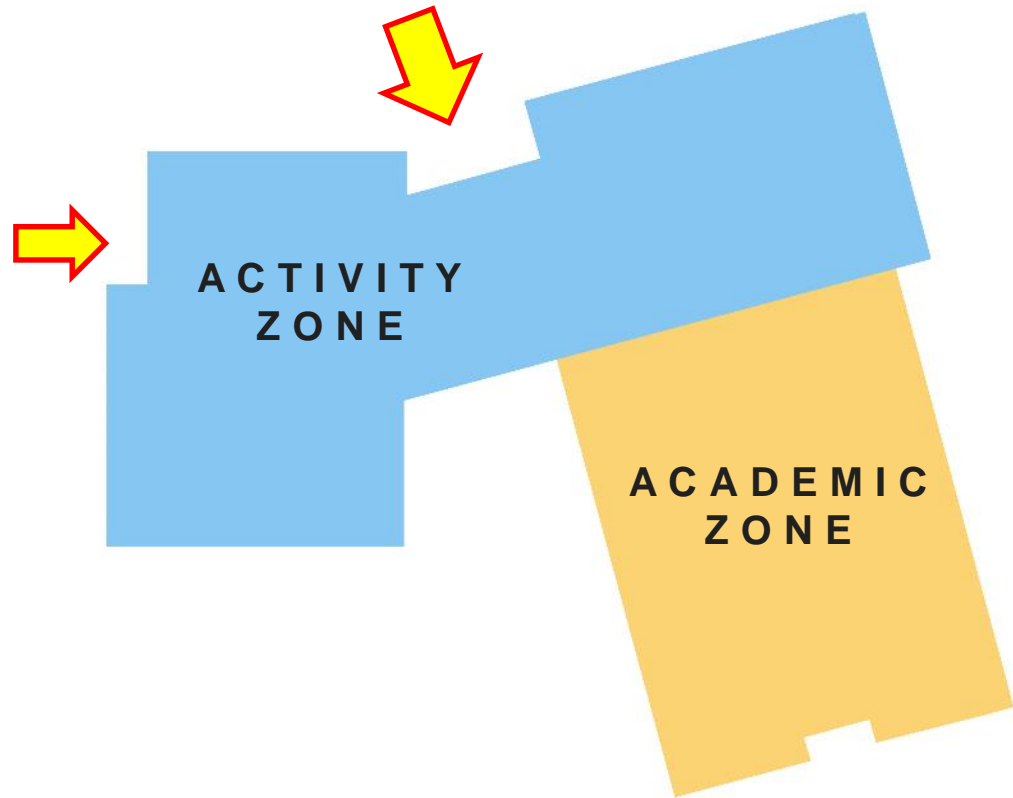


Option C



Building Organization

- Administrative functions supervise main building entries
- New elementary & middle school classroom wing
- Middle school classrooms and science rooms located on the upper floor
- Separate the building into Activities and Academic zones to allow for secure control of building after hours
- Community space located in the activity zone



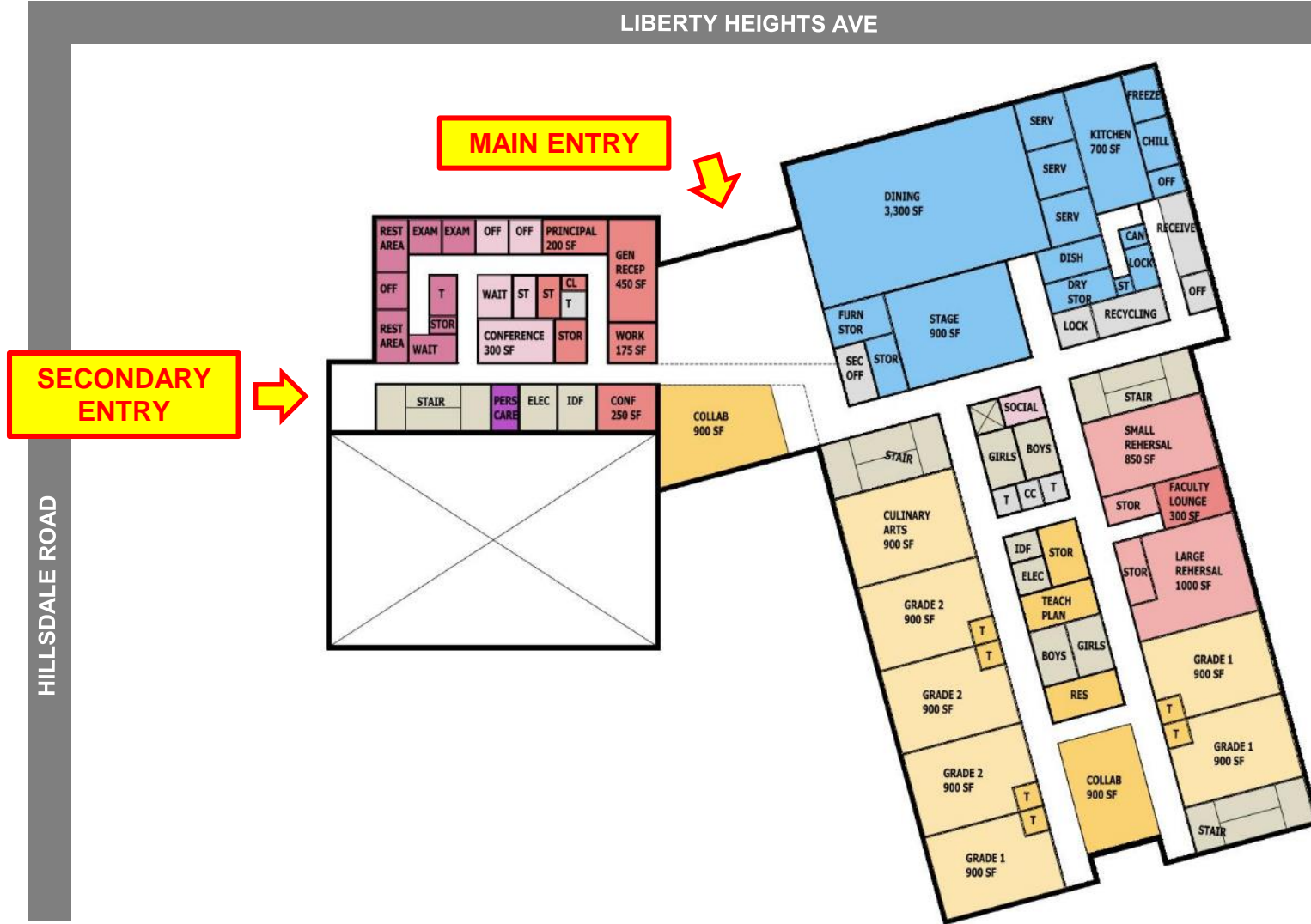
Site Plan



HILLSDALE ROAD



First Level Floor Plan



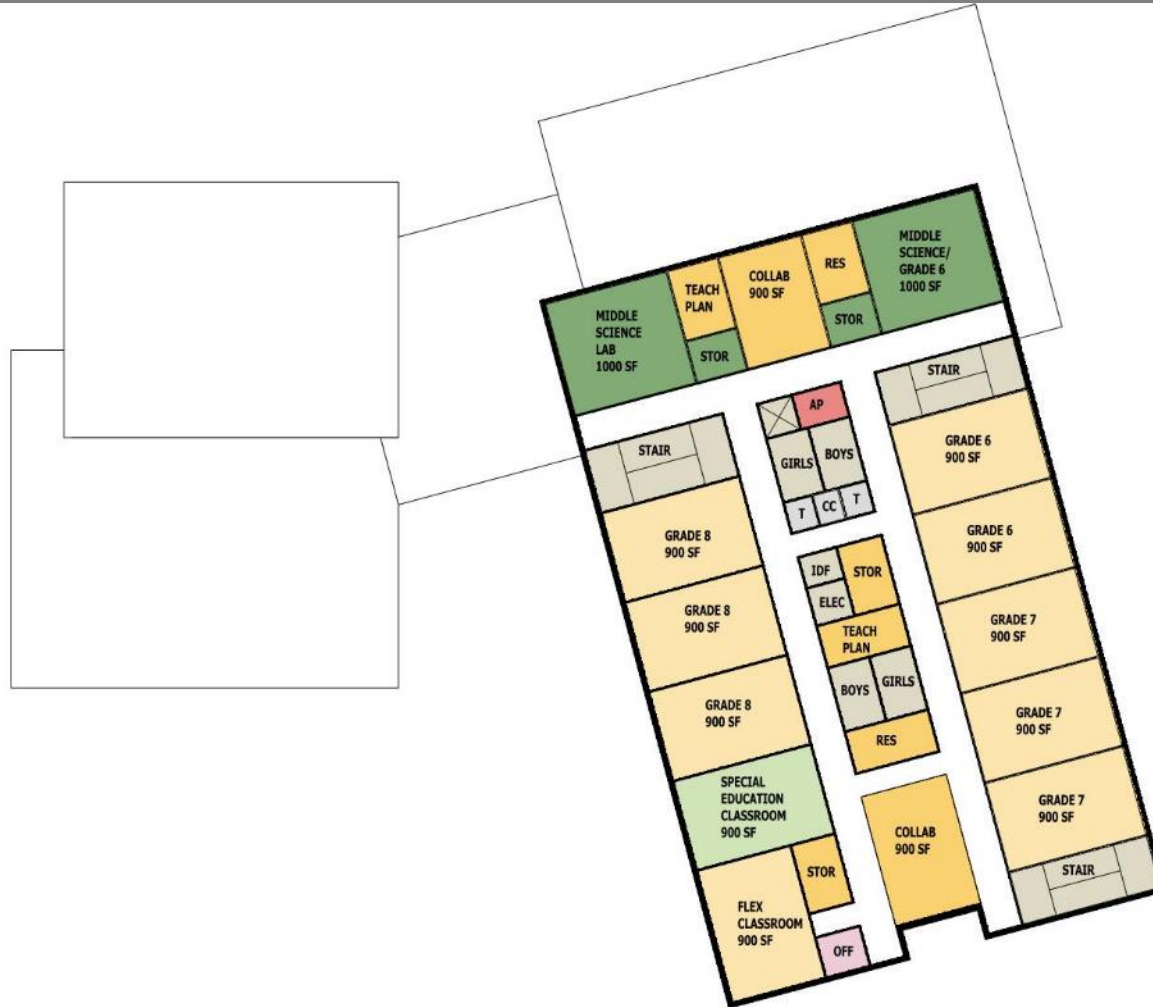
Second Level Floor Plan

LIBERTY HEIGHTS AVE

HILLSDALE ROAD



HILLSDALE ROAD



Northwest Aerial View of Massing



Southwest Aerial View



Calvin M. Rodwell Elementary/Middle School
21st Century School Building
Community Dialogue Meeting

When: Tuesday, November 28th, 2017 | 4:00 PM

Where: 3501 Hillsdale Road, Baltimore, MD 21207

Next Steps

Planning : 6-8 months

Pre-Design: 2-4 months
18-24 months

Design: 10-12 months



Design: 10-12 Months

Meeting #5
Concept:
11/9/17



Meeting #6
Schematic



Meeting #7
**Design
Development**



Meeting #8
**Final
Drawings**



Community Meeting: "Concept Design" | Calvin M. Rodwell Building | November 9, 2017 | www.baltimore21stcenturyschools.org

Questions?

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Thank You!



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