



21st Century School Buildings Plan

SCHOOL Calvin Rodwell School

COMMUNITY MEETING 50% Feasibility Study | November 10, 2015



Introductions

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Architect
Design Collective

Agenda

Timeline

Previous Meeting Summary

Review Feasibility Discussion

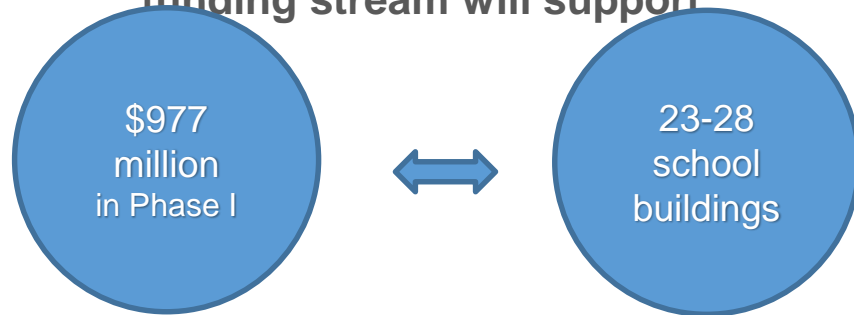
- . Changes from 50% submission
- . Pros/Cons

Next Steps

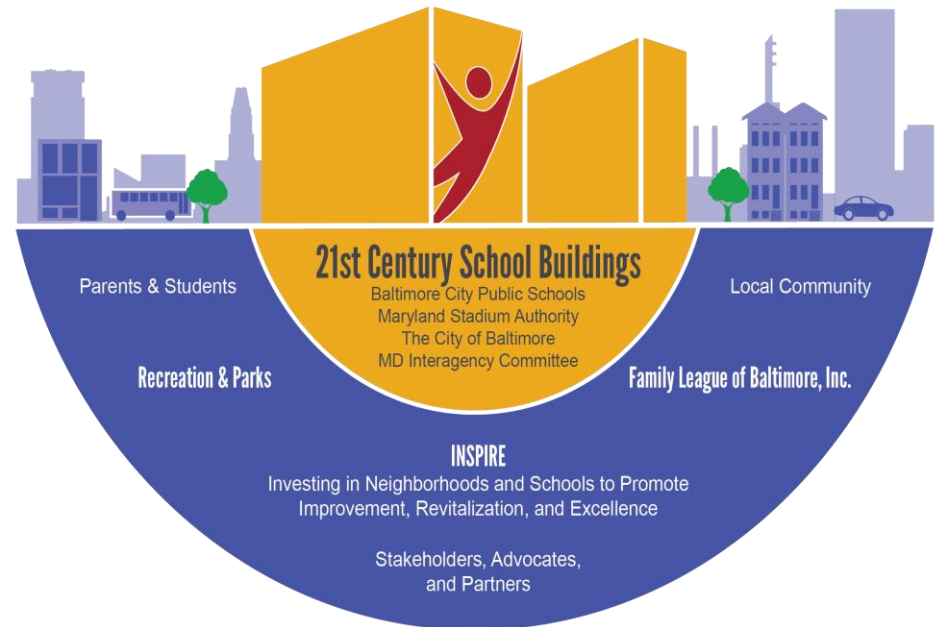
21st Century School Buildings Program *UPDATE*

Contribute \$20 million
annually towards the plan.

**Current estimates suggest the
funding stream will support:**



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



Summary of Activities: Timeframe



Planning

Design

Construction

Occupancy

18-24 Months

18-24 Months



Planning: 6-8 Months August 2015 – April 2016

Dates subject to change

Meeting #1 Orientation

1. Review process
2. Learn key terms
3. Interactive activity

March 26, 2014

Meeting #2 Essential Elements

1. Explore essential elements of design

Oct. 1, 2015

Meeting #3 50% Feasibility Study

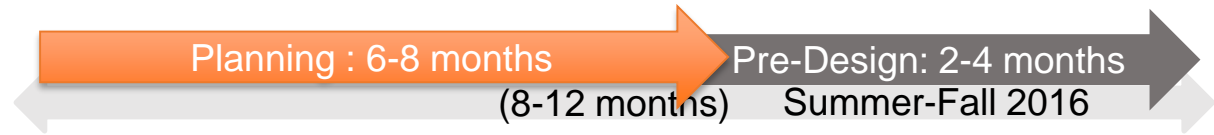
1. Review site & building options
2. Provide feedback

Nov. 11, 2015

Meeting #4 Feasibility Review

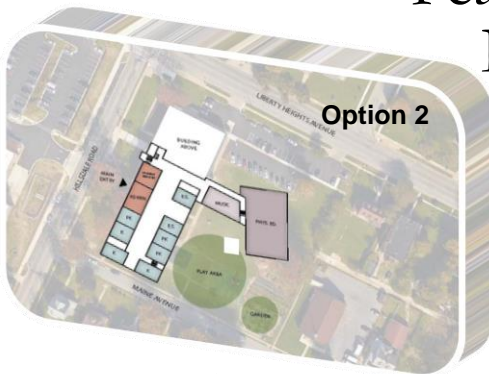
1. Make recommendation on building option

Feb. 17, 2016



Feasibility Review

- School stakeholders provide feedback on building recommendation,
- City Schools staff review stakeholder recommendation and other criteria
- 21st Century staff work with MOU partners to finalize recommendation



Selection

- Board of School Commissioners Approval
- Notification to Maryland Stadium Authority
- Interagency on School Construction Approval
- Design Architect/Engineer Request for Proposal
- Award A/E and construction managers

Calvin Rodwell Elementary



21st CENTURY SCHOOLS

BALTIMORE

Greatest Hopes/Worst Fears

HOPES	FEARS
<ol style="list-style-type: none">1. Outdoor learning and play spaces2. Teacher lounge3. Student display areas4. Sports fields5. Rooms designed for art, technology and music	<ol style="list-style-type: none">1. Project will take too long2. Will run out of money before the project is complete3. Impact on culture and climate during transition4. Parking and traffic issues will continue

Results from “THE MONEY GAME”

What’s important to school staff, parents and community members...

Characteristic	Money Spent	Characteristic	Money Spent
Flexible and Adaptable	\$50	Welcoming and Inviting	\$50
Interactive Social Areas Principal: interactive atmosphere will encourage students to learn. Incorporation of technology	\$200	Collaborative Spaces Student interaction, share ideas	\$50
Engaging Spaces	\$200	Natural Lighting Parent: didn’t spend money on things he assumed are a given. Improves mood.	\$250

Improve mood
Reach diverse learners Community
Welcoming **Technology**
Learning anywhere

Calvin Rodwell Elementary/Middle Classrooms and Spaces

6 Pre K and kindergarten classes	2 music rooms
6 classes for grades 1 and 2	1 art room
9 classes for grades 3, 4, and 5	1 culinary arts classroom
9 classes for grades 6, 7, and 8	Media center/video studio
5 collaborative learning areas	Cafeteria
3 special education classrooms	Gymnasium/Fitness Room
1 elementary science room	Administrative, Health Suites
1 middle school science room	Student services
1 technical education room	Community Space

What is a Feasibility Study?

1. Review existing conditions:

- Is the building structurally sound?
- What is the condition of the mechanical, electrical and plumbing systems?
- Does the building meeting current building and ADA codes?
- Do the educational spaces serve the programmatic needs of the students?

2. Provide design options to comply with the site specific educational specification:

- Strategic Renovation
- Modernization
- Replacement

3. Analyze options for:

Compliance with educational specification

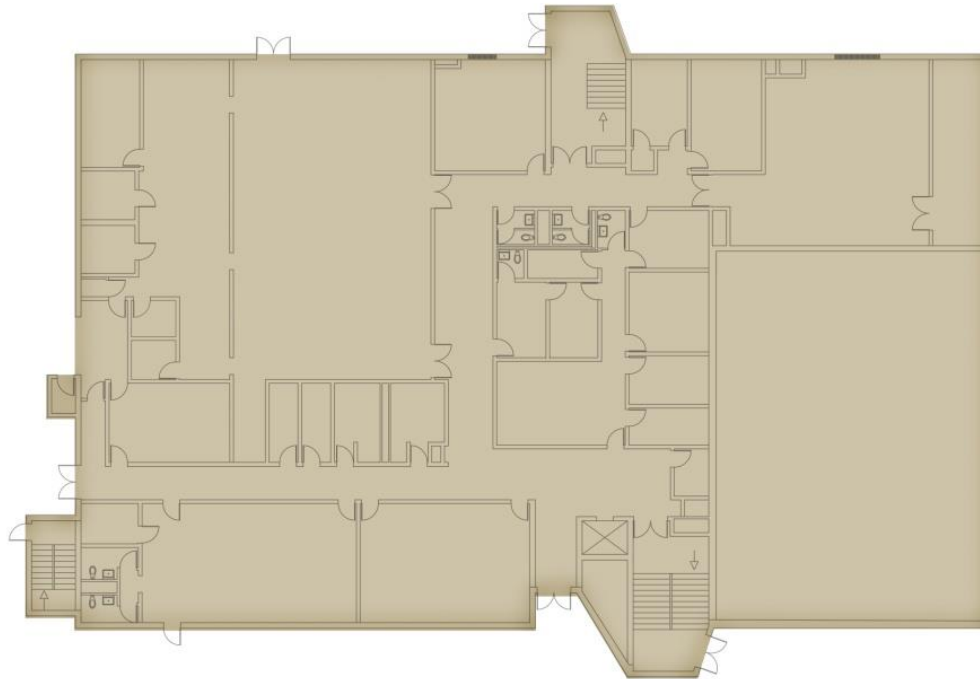
Cost comparison

Construction phasing and logistics

4. Make final recommendation based on all factors for state funding request.

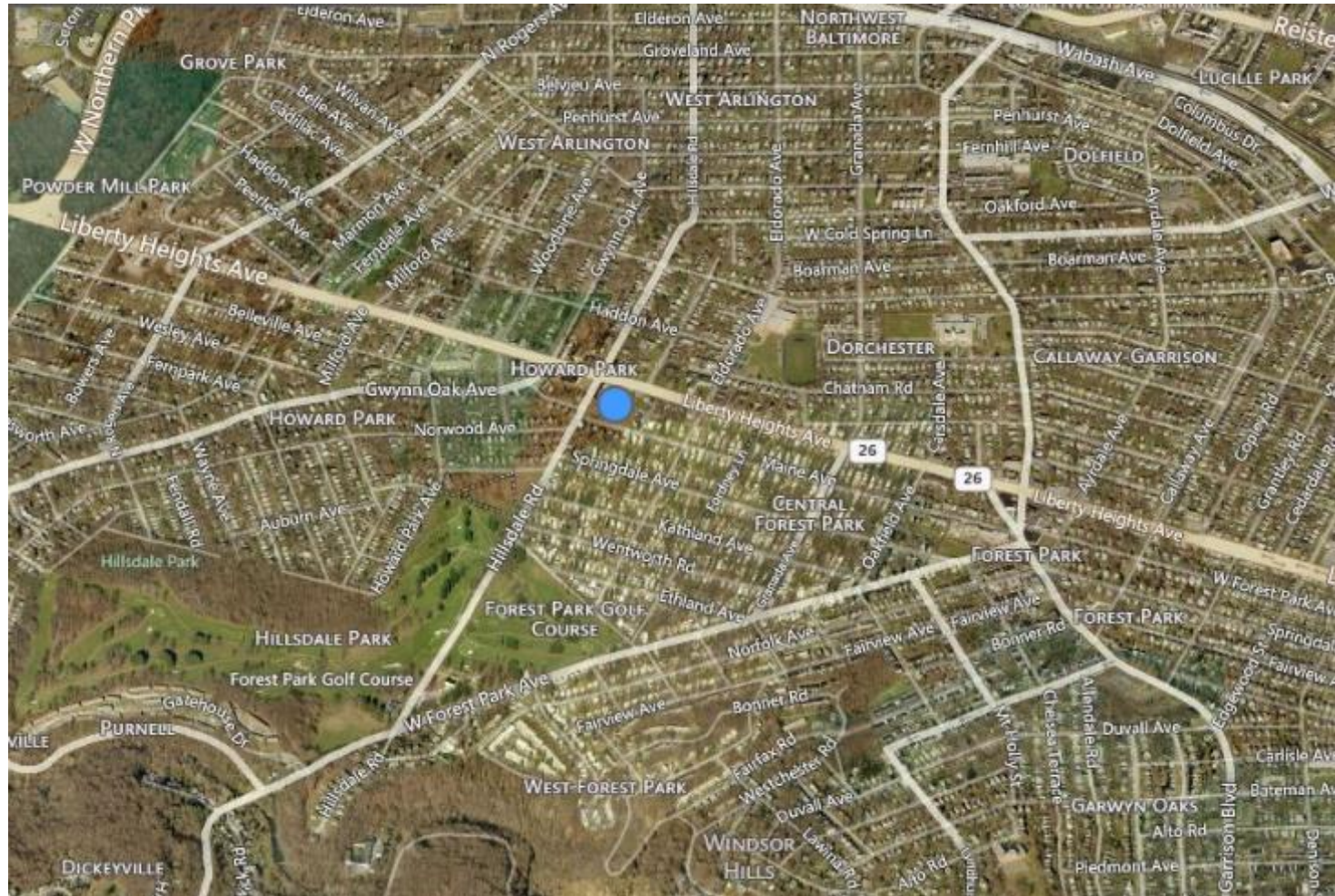
Existing Conditions

- Original Building Constructed in 1980 37,537sf
- Grove Park MS will be added to Calvin Rodwell at the completion of construction to make it a PreK-8 school



■ Original Building

Location Map



Existing Site Plan



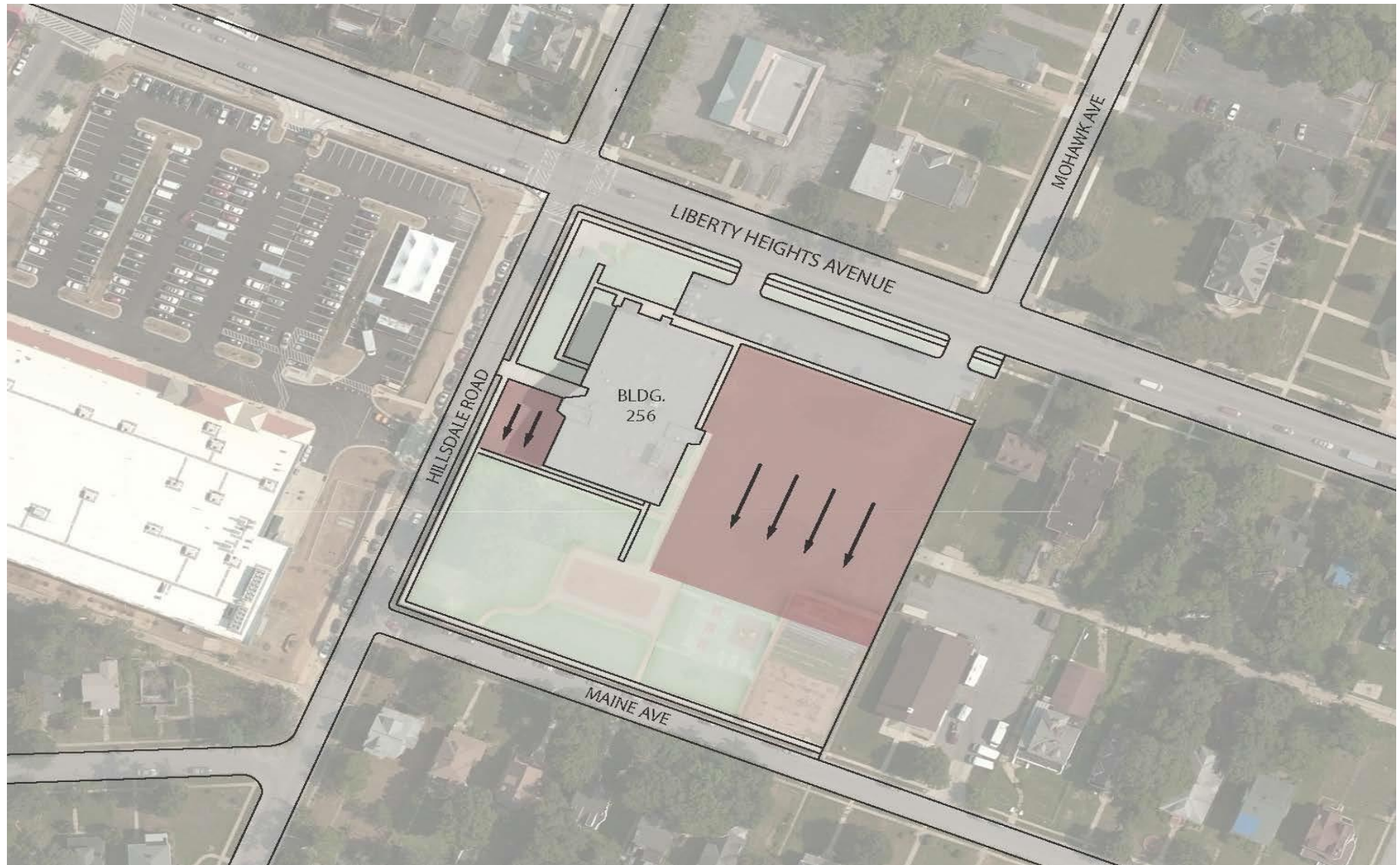
Pedestrian Circulation



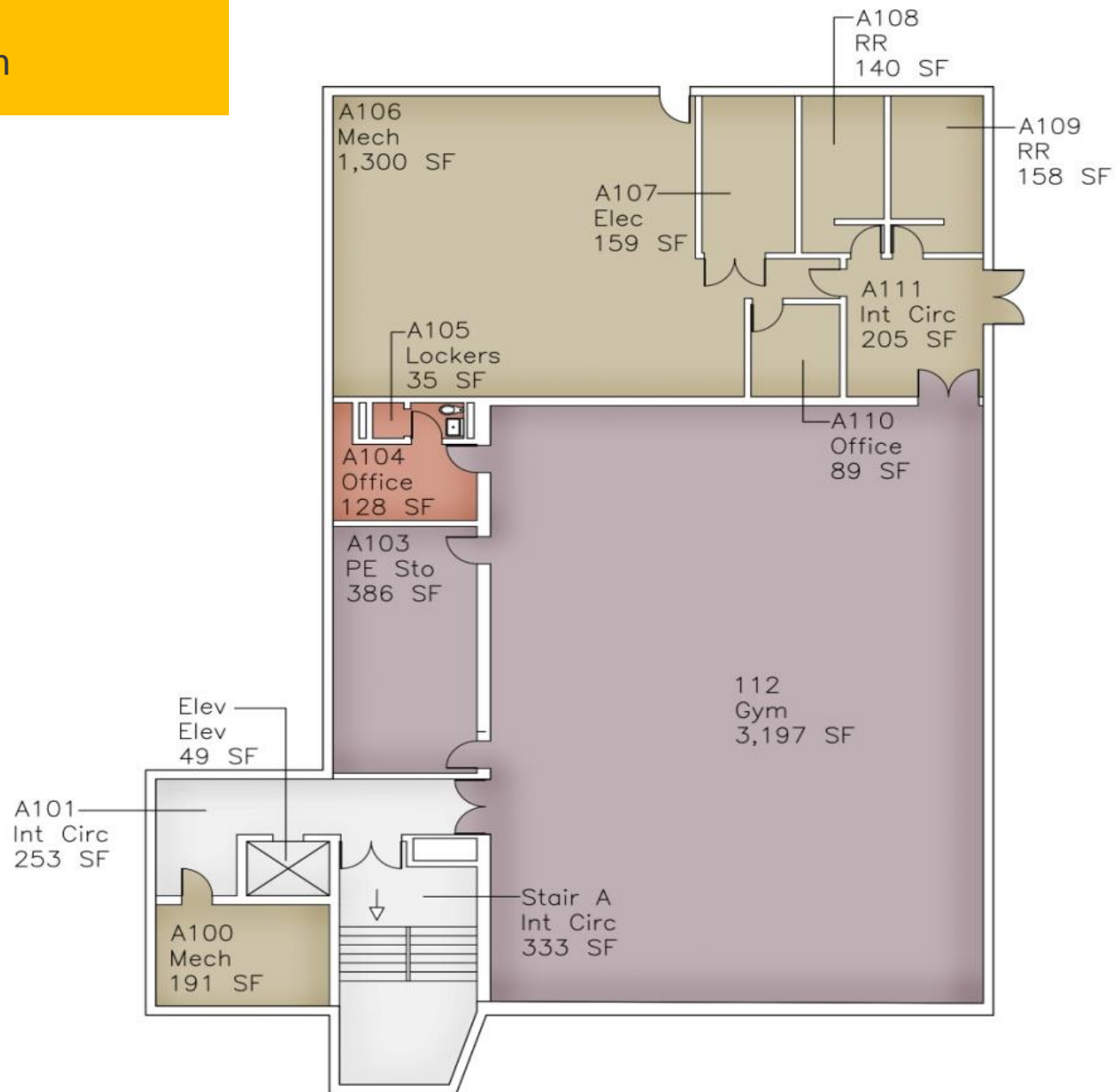
Vehicular Circulation



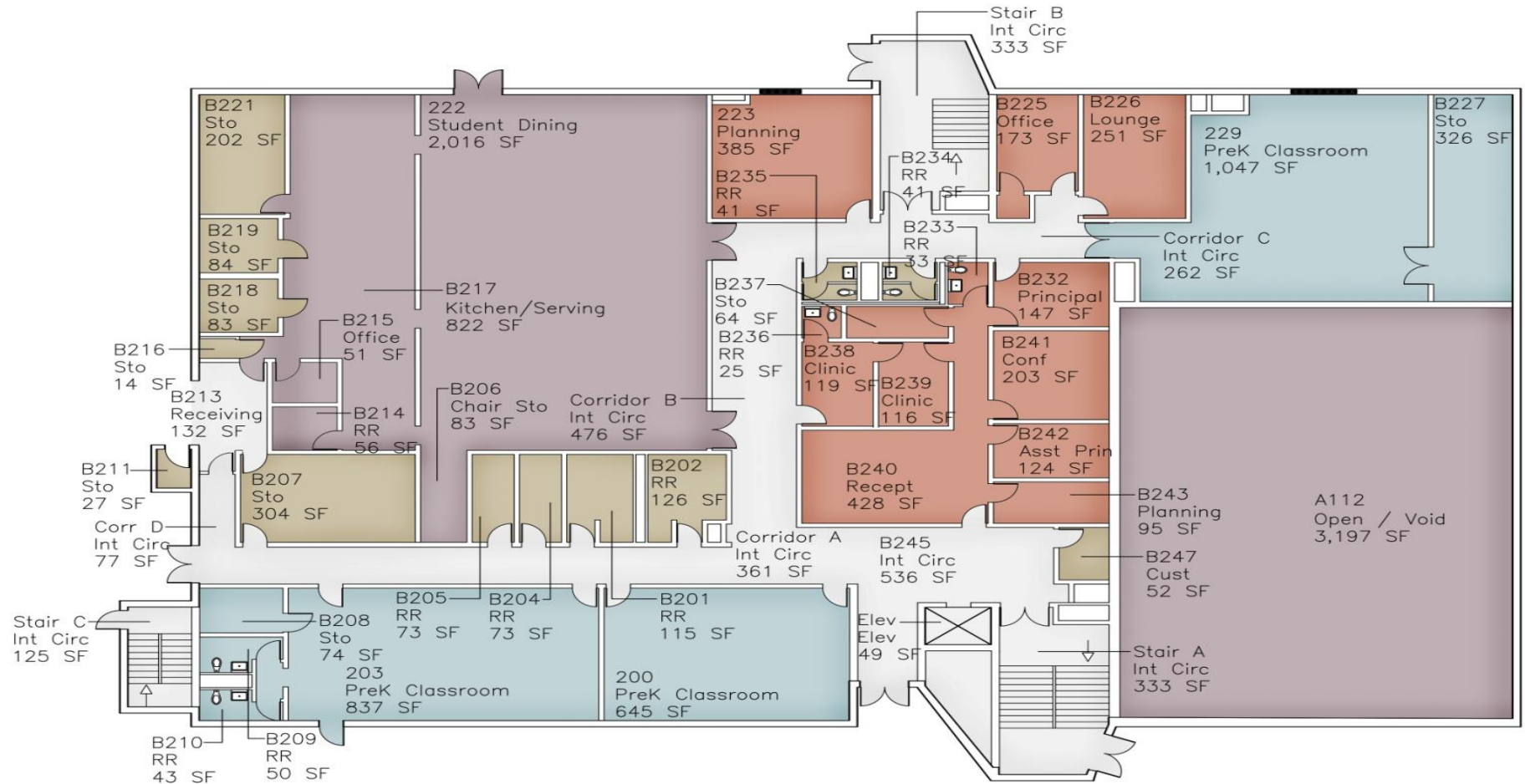
Site Topography



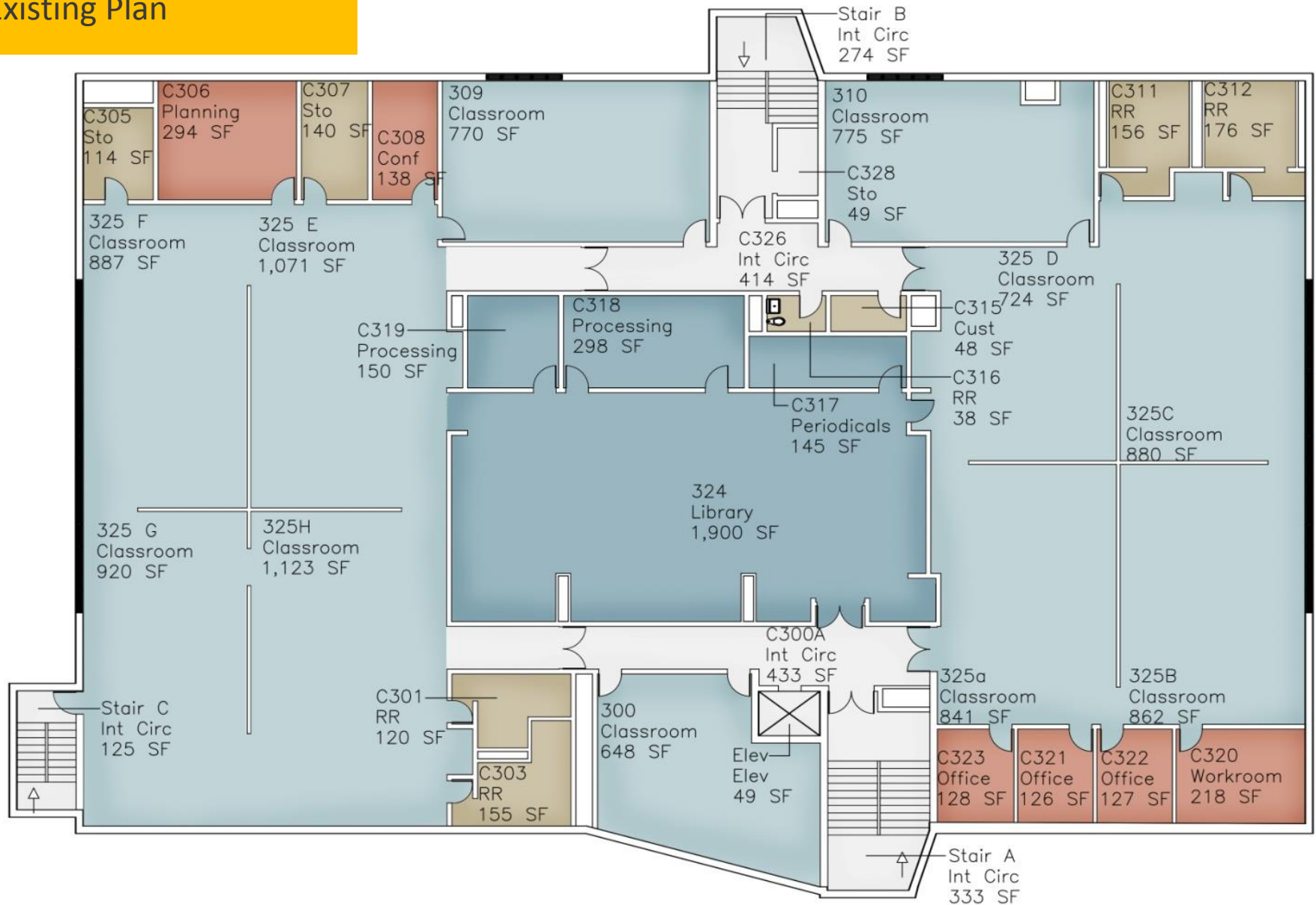
Existing Plan



Existing Plan



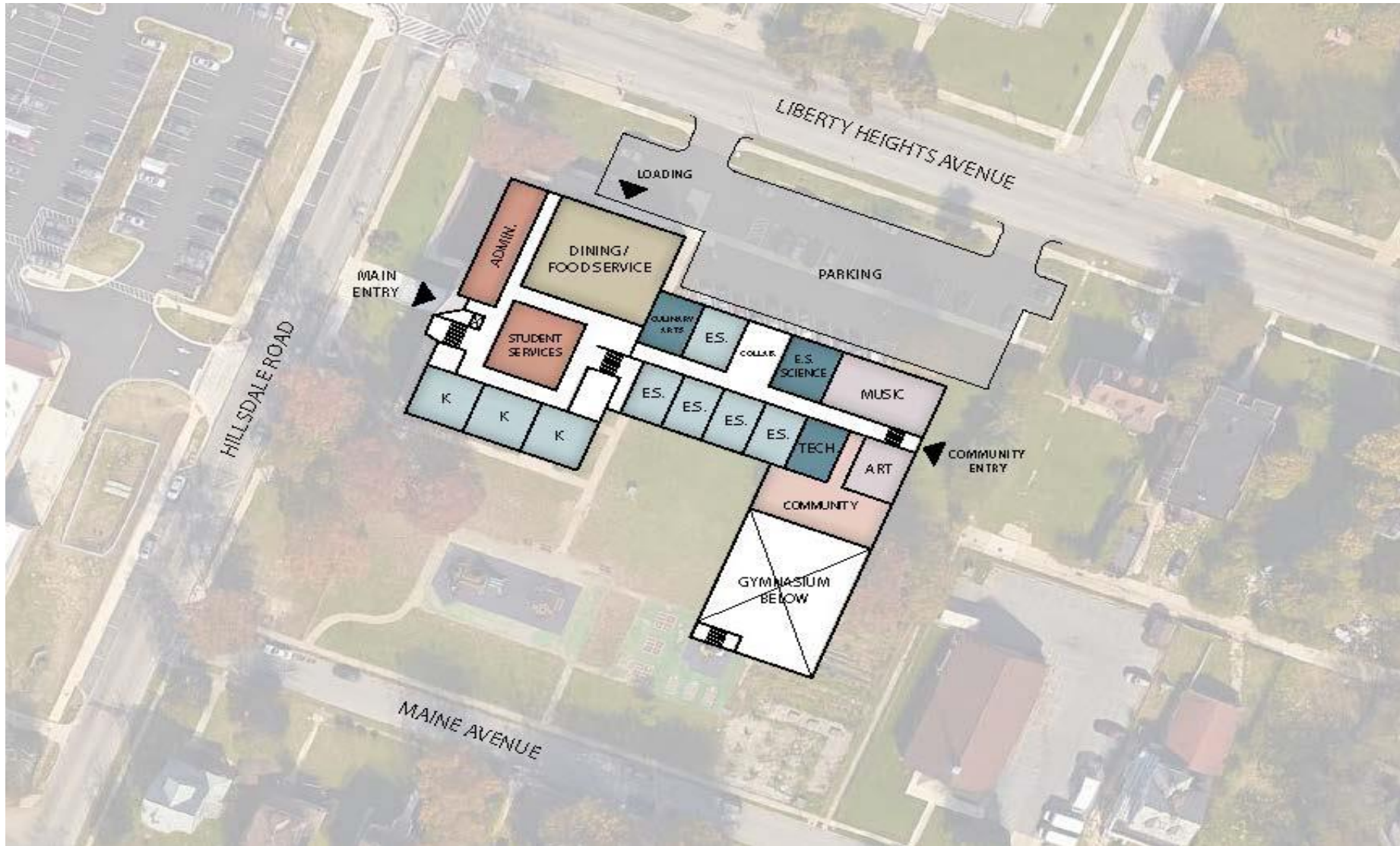
Existing Plan



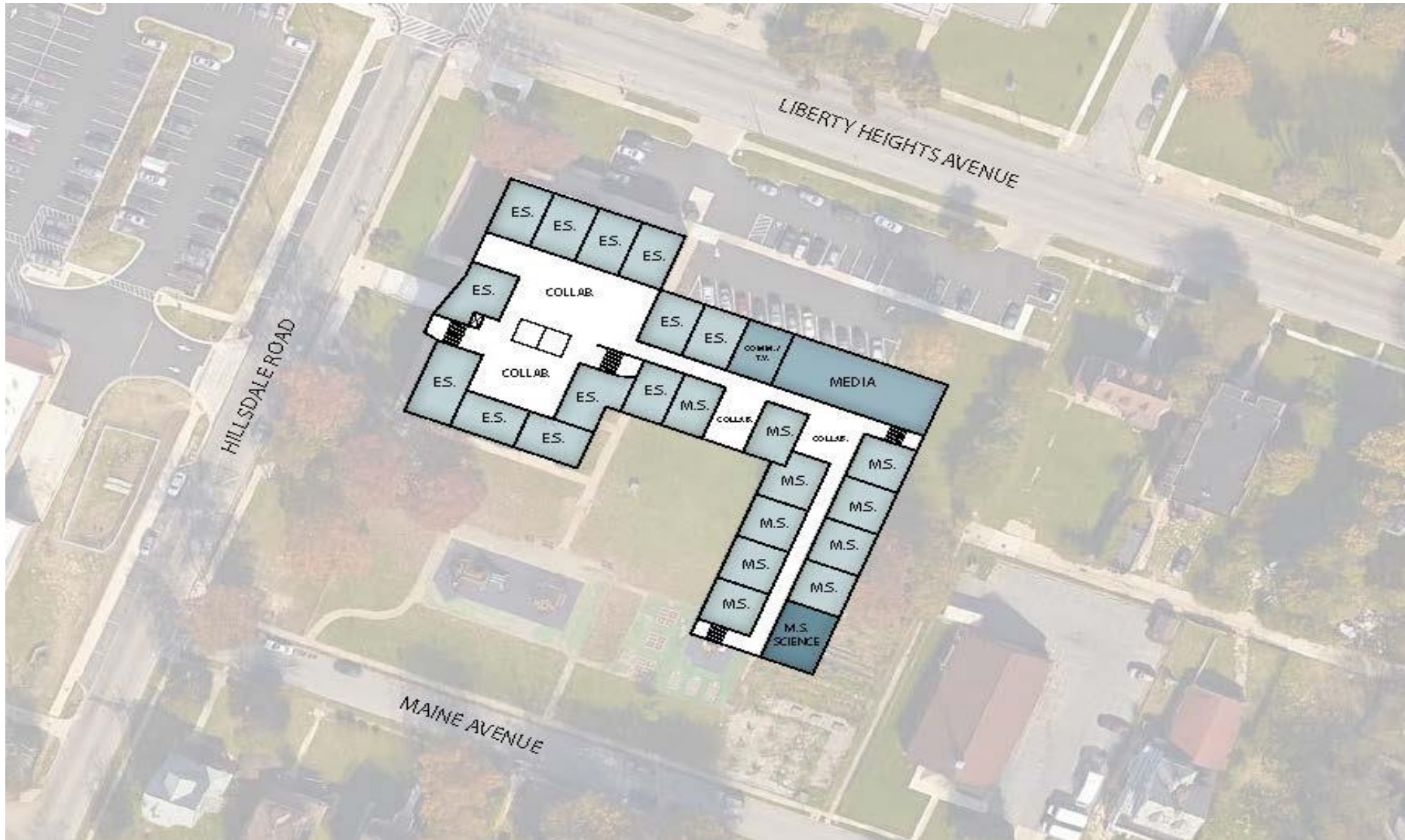
Option 1: Ground Floor Plan



Option 1: First Floor Plan



Option 1: Second Floor Plan

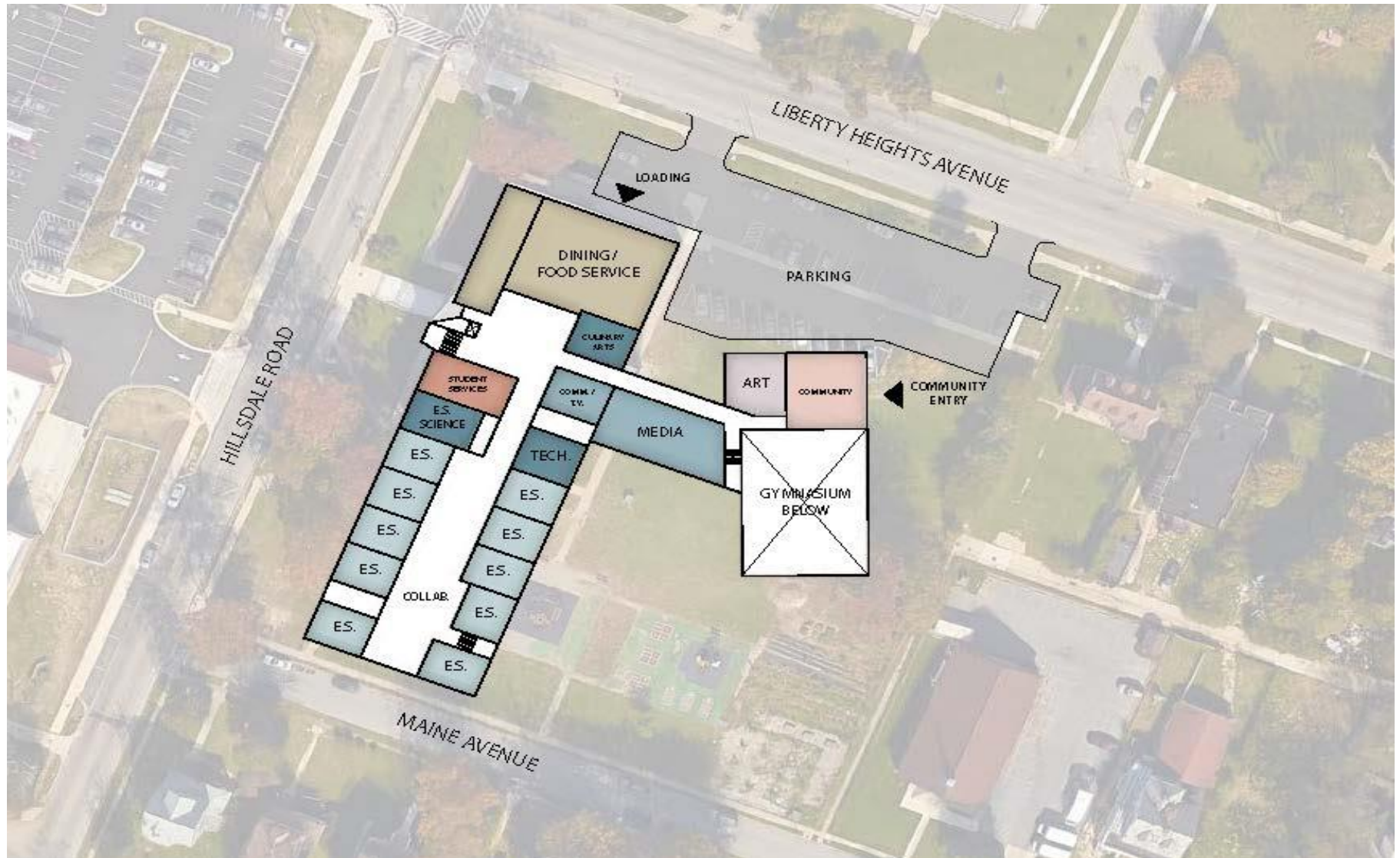


PROS	CONS
<ul style="list-style-type: none">• New gymnasium sized for Middle School athletics• New second floor media center @ 2700sf• New classrooms @ 900sf per the Ed Spec• Dedicated art, music, science and technology classrooms• Infill existing gymnasium with classroom space on two levels	<ul style="list-style-type: none">• Undersized kitchen / cafeteria based on student population• Minimal separation of elementary and middle school• Inefficient use of space in existing building on second floor

Option 2: Ground Floor Plan



Option 2: First Floor Plan



Option 2: Second Floor Plan



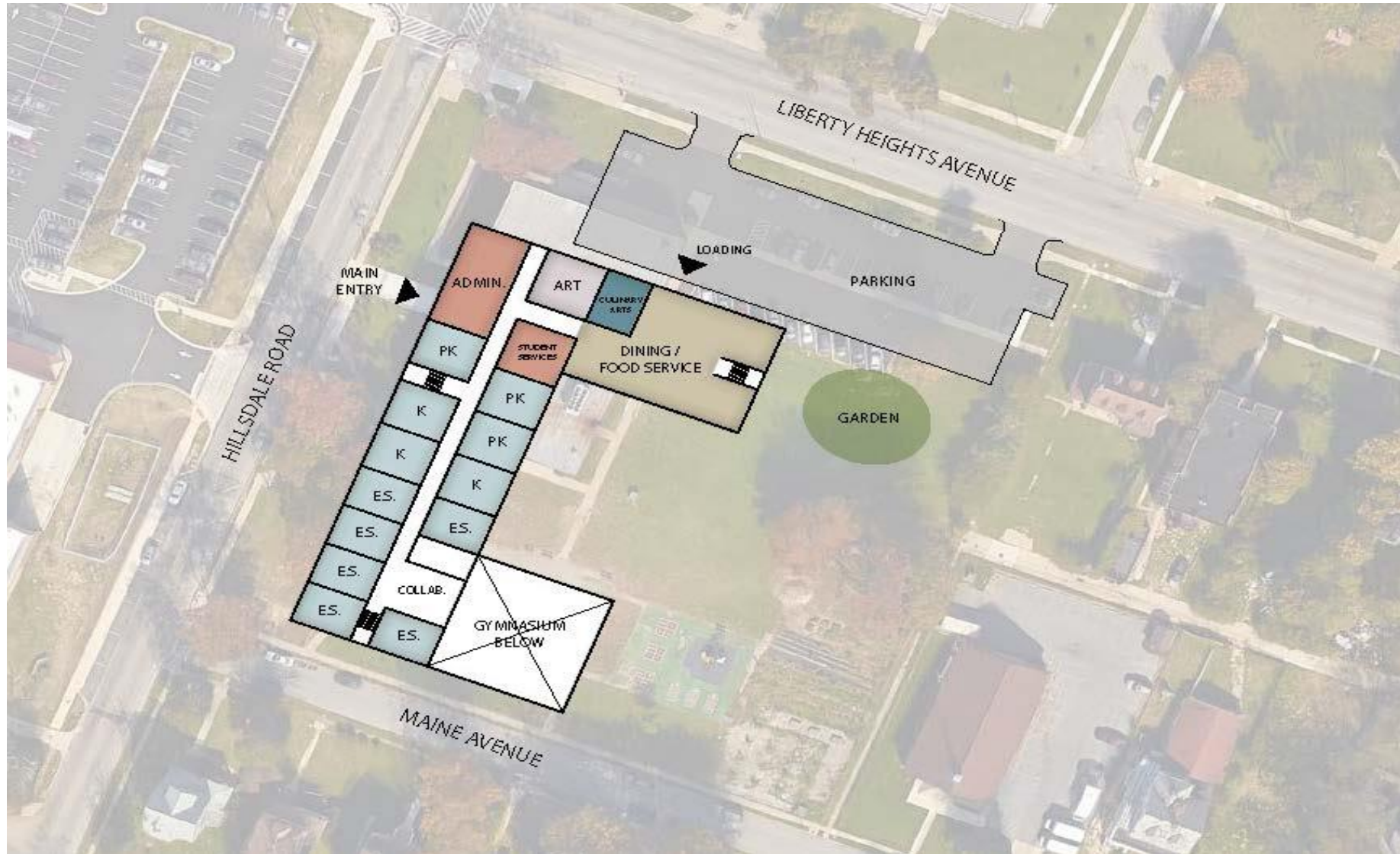
Option 2

PROS	CONS
<ul style="list-style-type: none">• Relocation of Main Entry further south along Hillsdale Road• Pre-K and K classrooms on ground level with direct access to play area• New gymnasium sized for Middle School athletics• New first floor media center @ 2700sf• New classrooms @ 900sf per the Ed Spec• Dedicated art, music, science and technology classrooms• Infill existing gymnasium with classroom space on two levels• Expanded kitchen / cafeteria	<ul style="list-style-type: none">• Minimal separation of elementary and middle school• Inefficient use of space in existing building on second floor

Option 3: Ground Floor Plan



Option 3: First Floor Plan



Option 3: Second Floor Plan



Option 3: Third Floor Plan



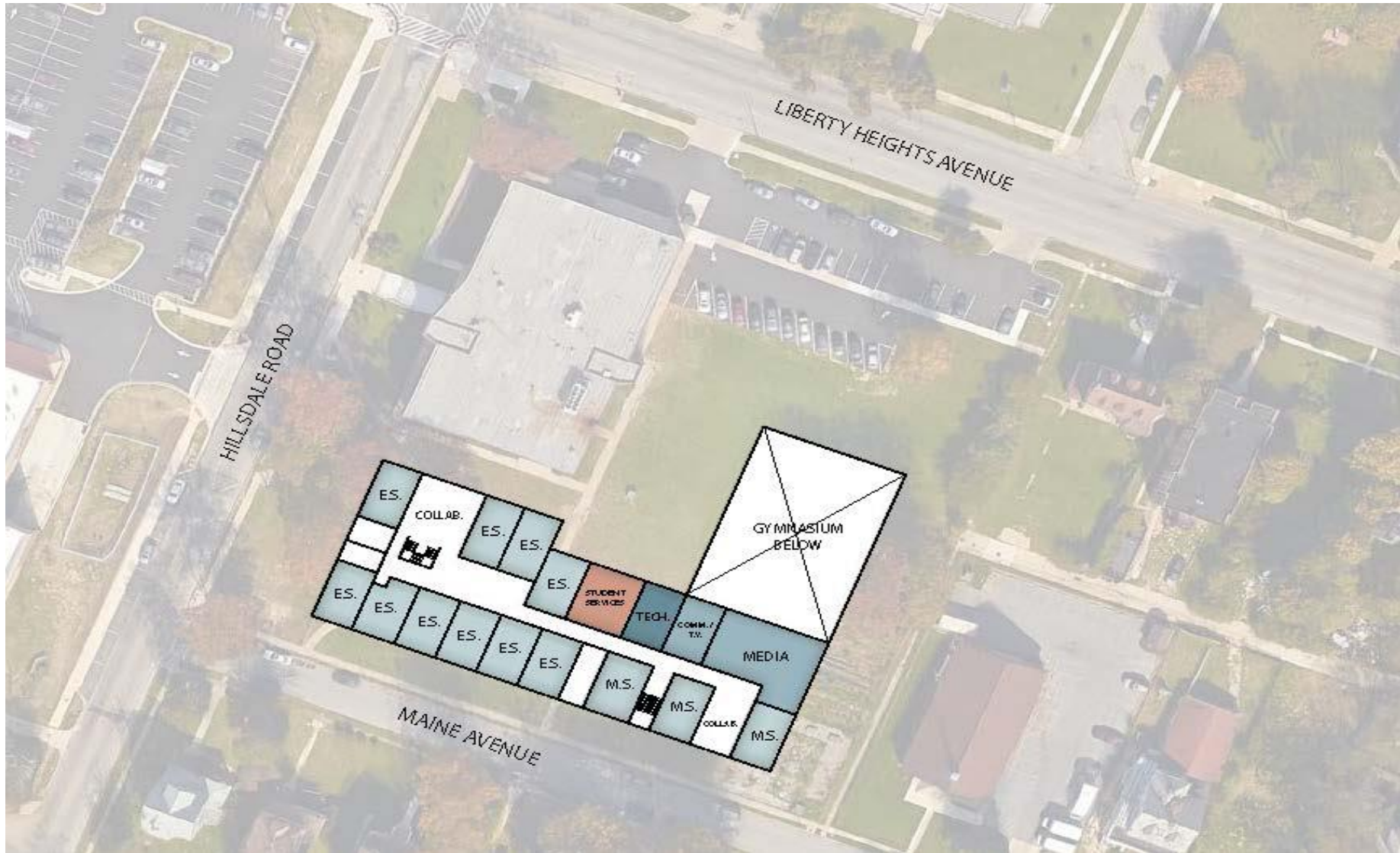
Option 3

PROS	CONS
<ul style="list-style-type: none">• Separate community entry further south along Hillsdale Road• New gymnasium sized for Middle School athletics• New cafeteria and kitchen to support the school population• New second floor media center @ 2700sf• New classrooms @ 900sf per the Ed Spec• Dedicated art, music, science and technology classrooms• Good separation of elementary and middle school• Three-story building plan maximizes site for play areas	<ul style="list-style-type: none">• Required relocation of students during construction

Option 4: Ground Floor Plan



Option 4: First Floor Plan



Option 4: Second Floor Plan



PROS	PROS
<ul style="list-style-type: none"> • New first floor media center @ 2700sf • New classrooms @ 900sf per the Ed Spec • Dedicated art, music, science and technology classrooms • Good separation of elementary and middle school • Allows for students to remain in existing building during construction of replacement school 	<ul style="list-style-type: none"> • Reorientation of main entry and school along Maine Avenue • Expanding parking area along Liberty Heights Road • Service access from Maine Avenue • New gymnasium sized for Middle School athletics • New cafeteria and kitchen to support the school population • New first floor media center @ 2700sf

Thank You!



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www.baltimore21stcenturyschools.org

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BALTIMORE CITY
PUBLIC SCHOOLS

