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# COMMUNITY WORK SESSION #1

September 29, 2020 @ 6:30 PM

## MONTGOMERY COUNTY PUBLIC SCHOOLS



### Major Capital Project

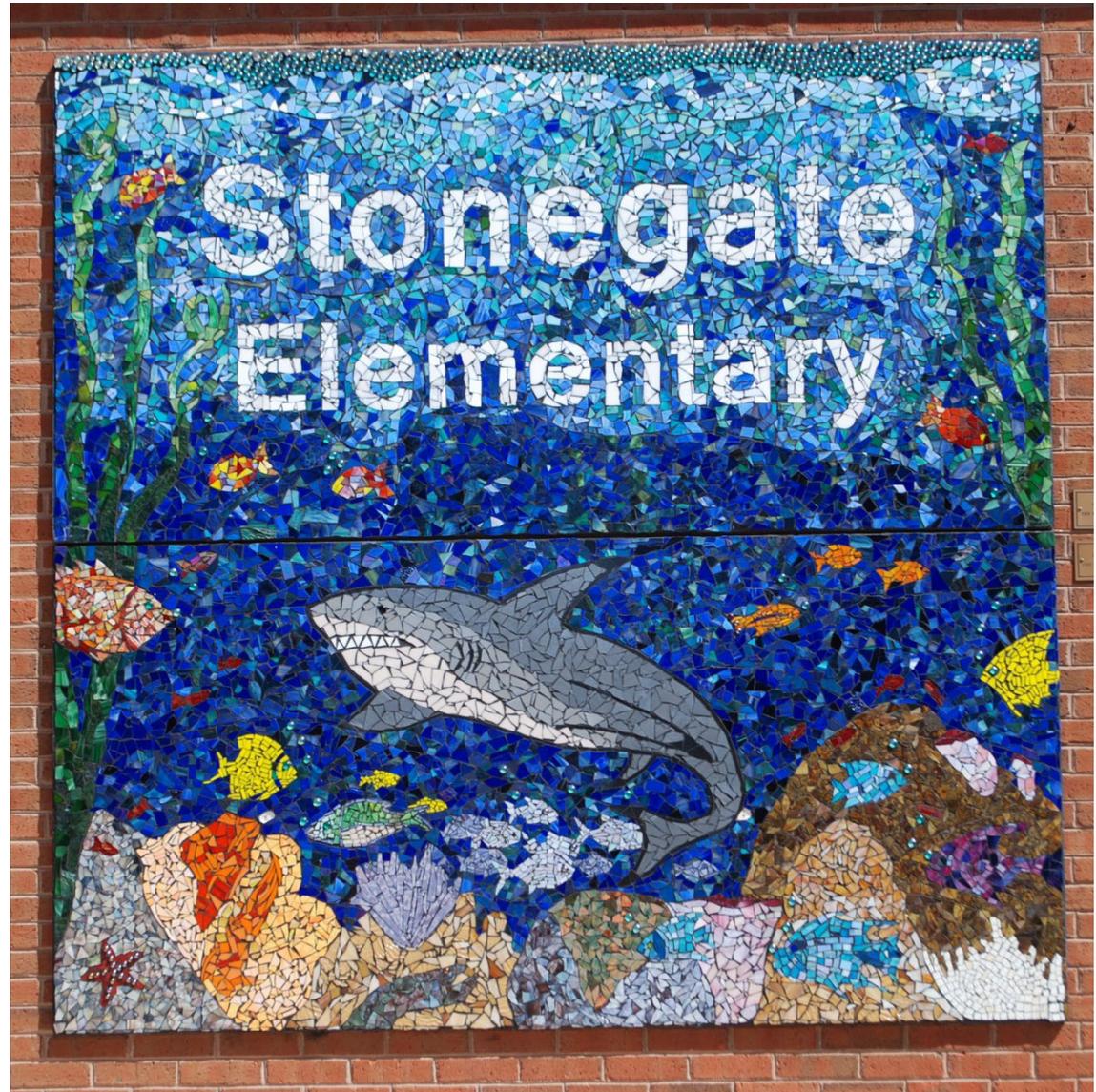


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# AGENDA

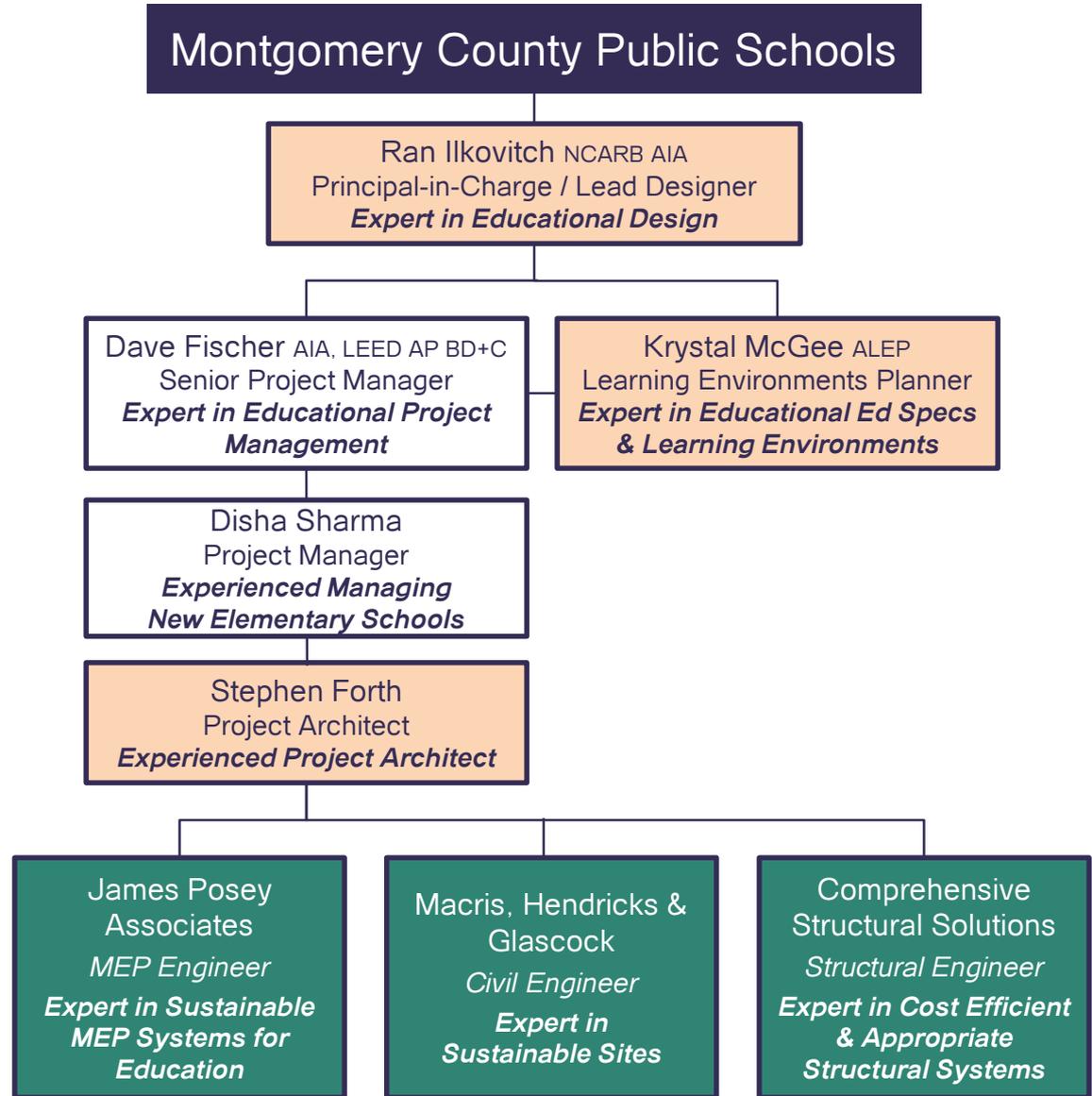
## Stonegate Elementary School

- Introductions
- Community Stakeholder Process
- Schedule
- Information Gathering
  - Educational Specification
  - Project Specific Goals
- Review
  - Existing Site Conditions
- Stonegate Concept Options
  - Elicit preferences and priorities through reactions to variety of approaches.

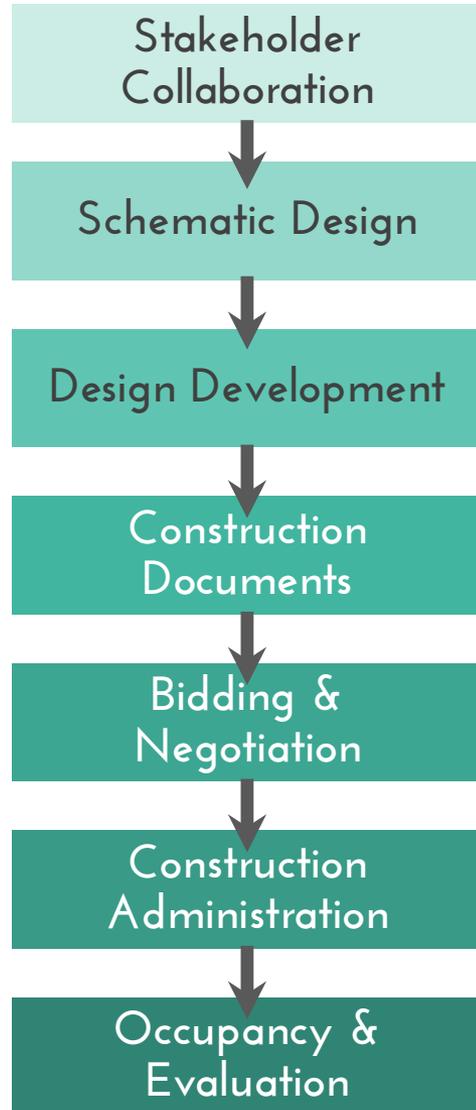


## Experts in Educational Design

- Incorporated in 1959
- Passion for Educational Design
  - 85% of our work is State of Maryland Schools
  - 350 Schools in 14 Jurisdictions
  - Our schools become the center of their neighborhoods and pride of their community
  - Use a Community Oriented Design Approach
- Medium Sized Firm (28 Staff)
  - Principal Level Involvement
  - Both Technical & Design Oriented Staff
  - Manpower to keep projects on schedule
- Members of
  - Association for School Business Officials
  - Association for Learning Environments (formerly CEFPI)
  - International CPTED Association



## SEI's Stakeholder Oriented Design Process



- **Objective is to satisfy ALL stakeholders**
  - Primary Users (students, parents, teachers, staff)
  - Community Users
  - Neighboring residents and businesses
  - Community groups & associations
  - Curriculum Directors
  - MCPS Planning Staff
  - MCPS Facilities Staff
  - MCPS Maintenance Staff
  - MCPS Construction Staff
  - Board of Education
  - Regulating agencies (NFPA / IBC / Environmental)
  - Government Agencies
  - Funding Agencies
- **Lead the stakeholders by**
  - Offering appropriate compromises
  - Framing the pertinent questions
  - Honestly present the causes and effects of all decisions
  - Offering unbiased approaches
  - Will achieve a balance that best represents the collective needs of the stakeholders
- **SEI does not subscribe to a single design philosophy to apply to all our buildings; rather the specific quality of an SEI project is that it truly expresses the result of it's stakeholder driven process**

### Schematic Design Phase

Community Work Session #1	September 29, 2020 @ 6:30 pm
Community Work Session #2	October 21, 2020 @ 4:30 pm
Stonegate PTA meeting	November 3, 2020
SD to MCPS Board of Education	December 2020
IAC SD Submission	December 2020

### Design Development Phase

Quarter Scale Reviews      December 2020 – May 2021

### Construction Document Phase

Submit Building Permit to DPS      February – March 2021

### Bidding and Negotiation Phase

June 2021 – February 2022

### Construction Phase

November 2021

February 2023 – May 2023

June 2023 – December 2024

## Square Foot Summary

Facility	#	Description	Net Sq.	Total Net
<b>Classrooms</b>				
Prekindergarten	1		1300	<b>1300</b>
Kindergarten	5		1300	<b>6500</b>
Standard	18		900	<b>16200</b>
Special Education (LFI)	3		900	<b>2700</b>
Art	1		1100	<b>1100</b>
Music	1		1050	<b>1050</b>
Instrumental Music Room	1		450	<b>450</b>
Dual purpose Room	1		1000	<b>1000</b>
<b>Support Rooms</b>				
Large Instructional Support Room	1		600	<b>1200</b>
Small Instructional Support Room	3		450	<b>900</b>
Speech/Language Room	1		250	<b>250</b>
Personal Care Room (LFI)	3	2shared between LFI rooms, 1 for HSM	100	<b>300</b>
Special Education Conference Room	1		300	<b>300</b>
Therapy/Support Room	1		250	<b>250</b>
Testing/Conference Room	1		140	<b>140</b>
Instructional Data Assistant Office	1		140	<b>140</b>
Support Staff Offices	2		140	<b>280</b>
<b>Library Media Center</b>				
Learning Environment	1		2100	<b>2100</b>
Work and Production Area	1		500	<b>500</b>
Media Support/Storage Room	1		250	<b>250</b>
General Storage	1		200	<b>200</b>
Telecommunication Closet	1		150	<b>150</b>
Telecommunication Closet	3		50	<b>150</b>
<b>Physical Education</b>				
Gymnasium	1		3700	<b>3700</b>
Office	1		140	<b>140</b>
Storage	1		250	<b>250</b>
Storage	2		100	<b>200</b>
Outside Storage	1		140	<b>140</b>

Facility	#	Description	Net Sq.	Total Net
<b>Multipurpose Room</b>				
Multipurpose Room	1		3700	<b>3700</b>
Chair Storage	1		200	<b>200</b>
Table Storage	1		200	<b>200</b>
Platform	1		450	<b>450</b>
Before/After Care Prep Area	1		12	<b>12</b>
Before/After Care	1		100	<b>100</b>
<b>Kitchen</b>				
Serving Area	1		300	<b>300</b>
Walk-in Cooler/Freezer	1		155	<b>155</b>
Dry Storage	1		192	<b>192</b>
Office	1		100	<b>100</b>
Toilet Room	1		70	<b>70</b>
Preparation Area	1		555	<b>555</b>
<b>Administration</b>				
General Office	1		500	<b>500</b>
Workroom	1		340	<b>340</b>
Principal's Office	1		250	<b>250</b>
Assistant Principal's Office	1		140	<b>140</b>
Conference Room	1		300	<b>300</b>
Telephone Booth	1		50	<b>50</b>
Storage	1		100	<b>100</b>
Record Room	1		100	<b>100</b>
Toilet Room	1		50	<b>50</b>
2nd Floor Workroom	1		75	<b>75</b>
<b>Counseling Suite</b>				
Counselor's Office	1		250	<b>250</b>
Itinerant Staff Office	1		140	<b>140</b>
<b>Staff Development Area</b>				
Staff Development Office	1		100	<b>100</b>
Reading Specialist Office	1		100	<b>100</b>
Training/Conference	1		400	<b>400</b>

Facility	#	Description	Net Sq.	Total Net
Staff Lounge	1			<b>700</b>
<b>Health Services Suite</b>				
Waiting Area	1		100	<b>100</b>
Treatment/Medication	1		120	<b>120</b>
Office/Health Assessment Room	1		100	<b>100</b>
Health Assessment/Isolation	1		100	<b>100</b>
Rest Area	1		200	<b>200</b>
Toilet Room	1		50	<b>50</b>
Storage Room	1		40	<b>40</b>
<b>Building Service Facilities</b>				
Building Services Office	1		140	<b>140</b>
Locker/Shower Area	1		150	<b>150</b>
Compactor/Trash Room	1		150	<b>150</b>
General Storage and Receiving	1		550	<b>550</b>
General Storage	3		250	<b>750</b>
Building Services Outdoor Storage	1		175	<b>175</b>
Book Storage	1		200	<b>200</b>
PTA Storage	1		100	<b>100</b>

<b>Total</b>	34			<b>54,154</b>
<b>Master planned Spaces</b>				
Standard Classrooms	6		900	<b>5400</b>

## Project Understanding

- **58,014 NSF (83,000 GSF)**

- 3,600 NSF 4 Classroom Master planned Addition
- 617 Student Capacity with 740 Master Planned (Core) Capacity

- **Learning Spaces**

- 1 Prekindergarten
- 5 Kindergarten
- 22 Standard Grades 1-5
- 3 Learning for Independence
- 1 Art
- 1 Music
- 1 Instrumental Music
- 1 Dual Purpose

- **Site Challenges**

- Limited area: 10.26 acres
- Environmental protections
  - Stream buffer
  - Forestation areas
- Topography – 40' diagonal drop

- **Project Specific Goals**

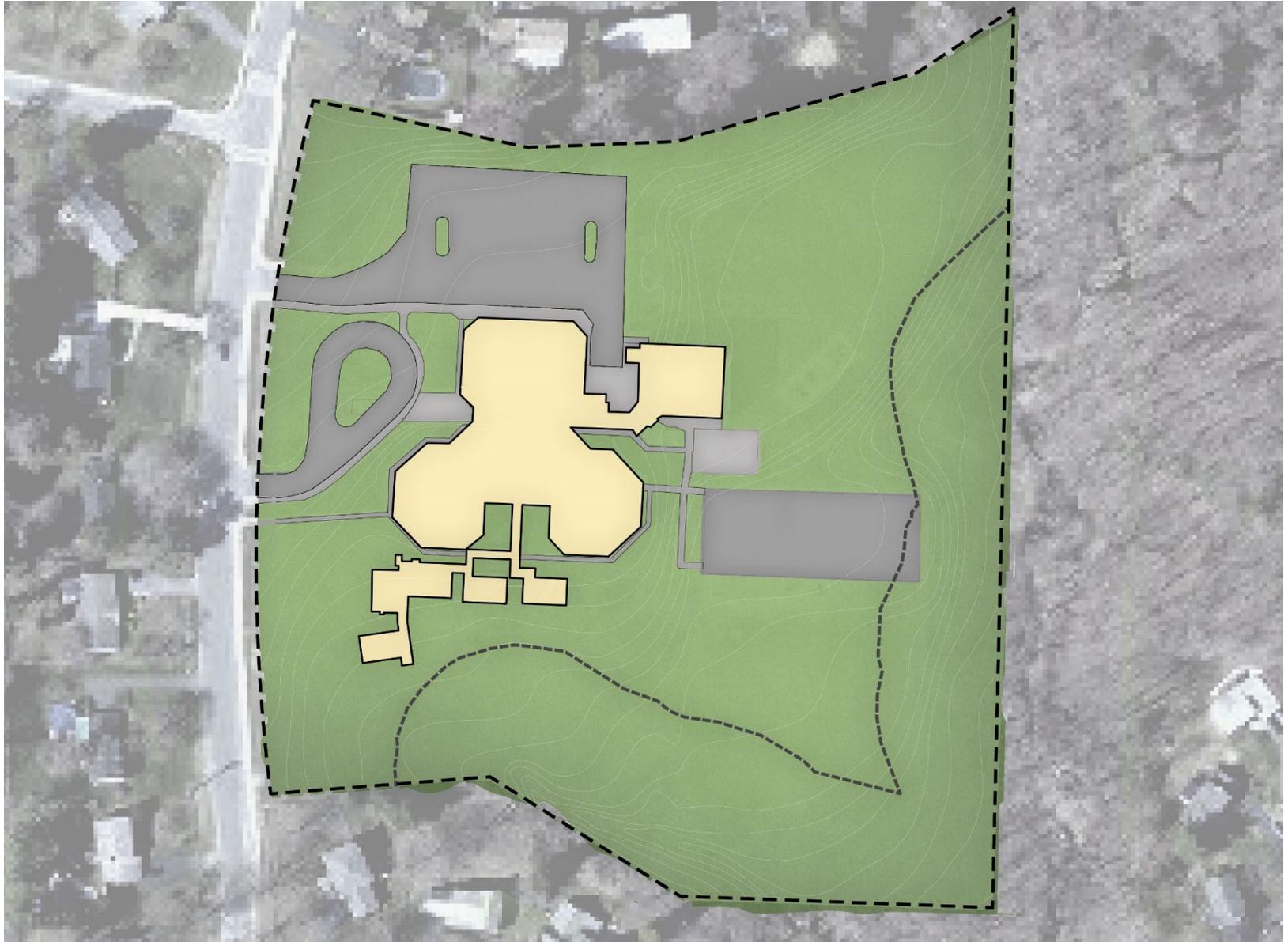
- **Safety, Security & Supervision**
  - Supervise visitor entry, bus/drop off and play areas
  - Interior lines of site
  - Distinction between public/private spaces and enhanced security
- **Safe Access**
  - Separate bus loop, drop off/pick up lane, and pedestrian access
  - NO CROSSING
- **Vertical program adjacencies**
  - Special attention to accessibility for LFI and early childhood
  - Formal connection between cafeteria and play areas
- **State of the art Heating Ventilation and Air Condition (HVAC)**
  - Independent fresh air system for air quality
  - Enhanced MERV 13 filtration
- **Adequate and appropriately distributed toilet facilities**
- **Holistic project**
  - **21<sup>st</sup> Century Learning Environments**
    - Spaces for all learner needs
    - Small group collaboration spaces
  - Building massing & site development respectful of community scale and needs
  - Sustainability – Green Globes (2 globe rating)



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## Existing Site Plan

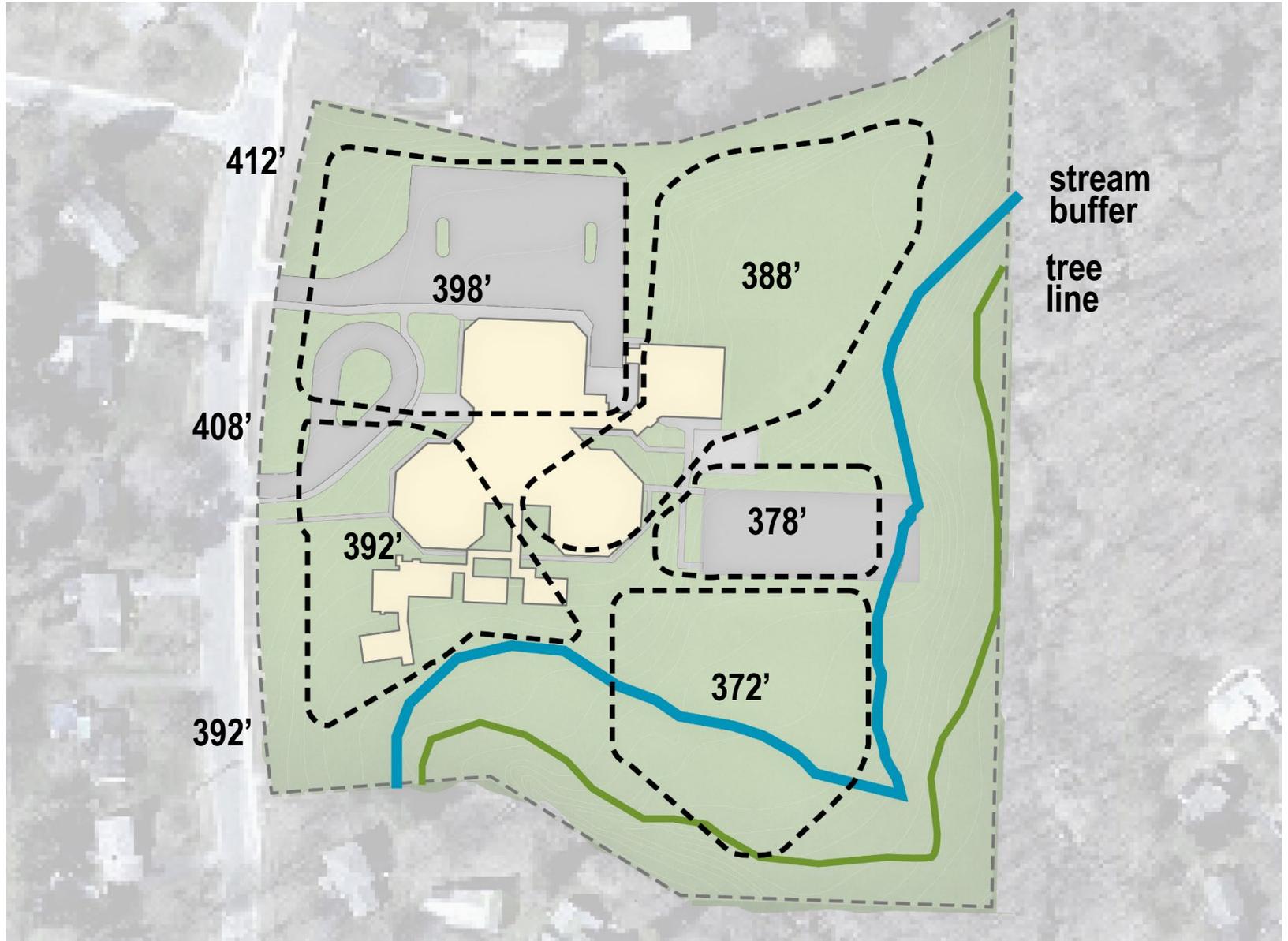




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## Existing Site Constraints





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## Site Diagrams



Option 1 & 2 – East-West Orientation



Option 3 – North-South Orientation



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## Existing Site Plan





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Thank You!