

A young girl with light brown hair is shown in profile, looking down intently at a stack of colorful wooden blocks. The blocks are stacked in a tower, with a yellow block on top, followed by a green one, a red one, and another red one at the base. The background is softly blurred, showing the girl's face and hands as she works with the blocks.

EAST GLOUCESTER ELEMENTARY SCHOOL

ward 2 presentation 4 . 29.19

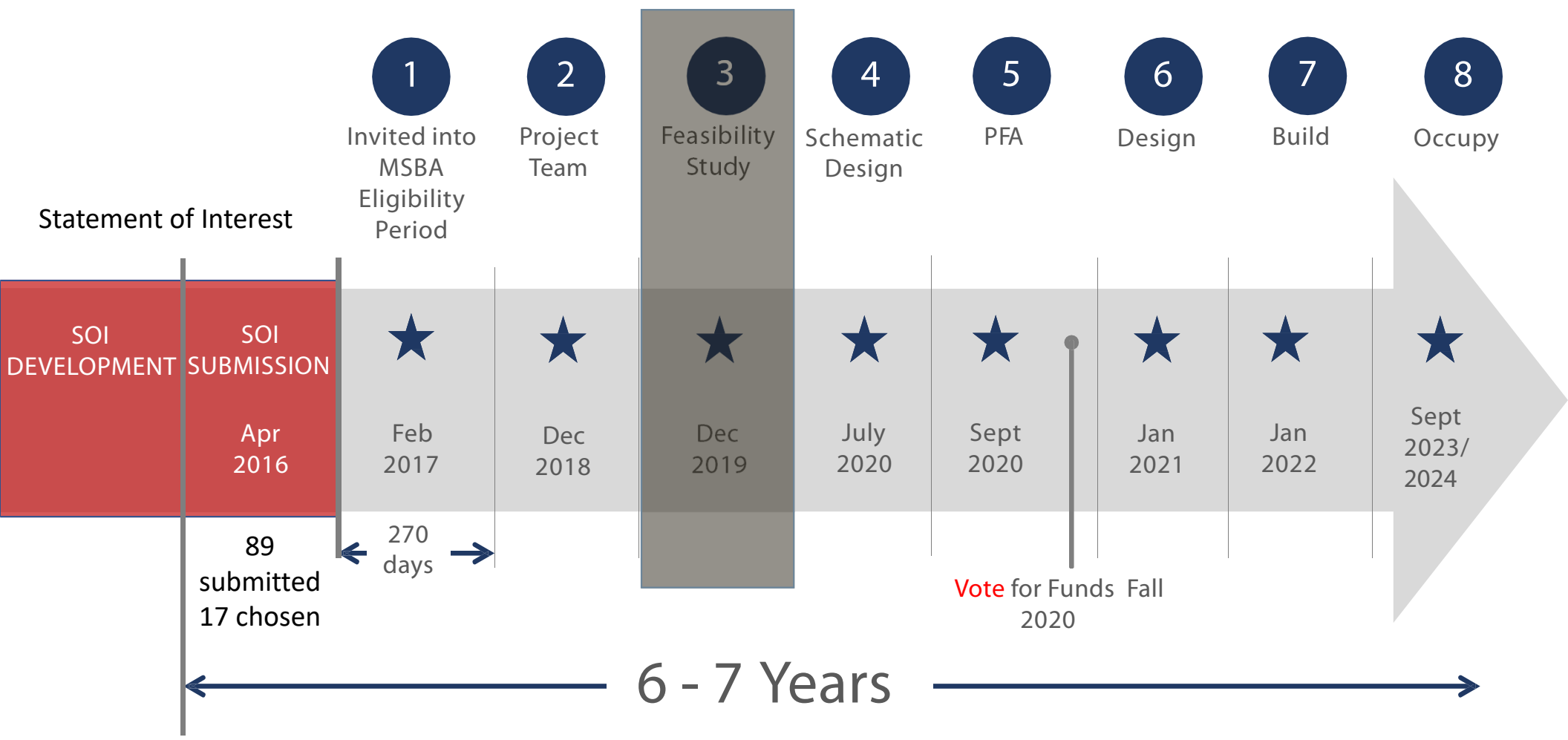


THE TEAM



- **MSBA**
Massachusetts School Building Authority
- **Designer**
- **OPM**
Owner's Project Manager
- **Owner**
City of Gloucester
School District
School Building Committee
Members of the Community

MSBA & PROJECT TIMELINE



A young boy with a joyful expression is crouching on a wooden deck. He is wearing a bright pink baseball cap backwards, a blue and white striped polo shirt, and white sneakers with colorful socks. Behind him is a green safety net, and the background is filled with lush green foliage. The scene is brightly lit, suggesting an outdoor setting like a playground or sports field.

1. UNDERSTAND NEEDS

2. DEVELOP OPTIONS

3. CHOOSE PREFERRED SOLUTION

A young boy with a joyful expression is crouching on a wooden deck. He is wearing a bright pink baseball cap worn backward, a blue and white horizontally striped short-sleeved shirt, and white sneakers with colorful laces. His arms are crossed over his knees. Behind him is a green safety net, and the background is filled with lush green foliage. The scene is brightly lit, suggesting an outdoor setting like a playground or park.

1. UNDERSTAND NEEDS

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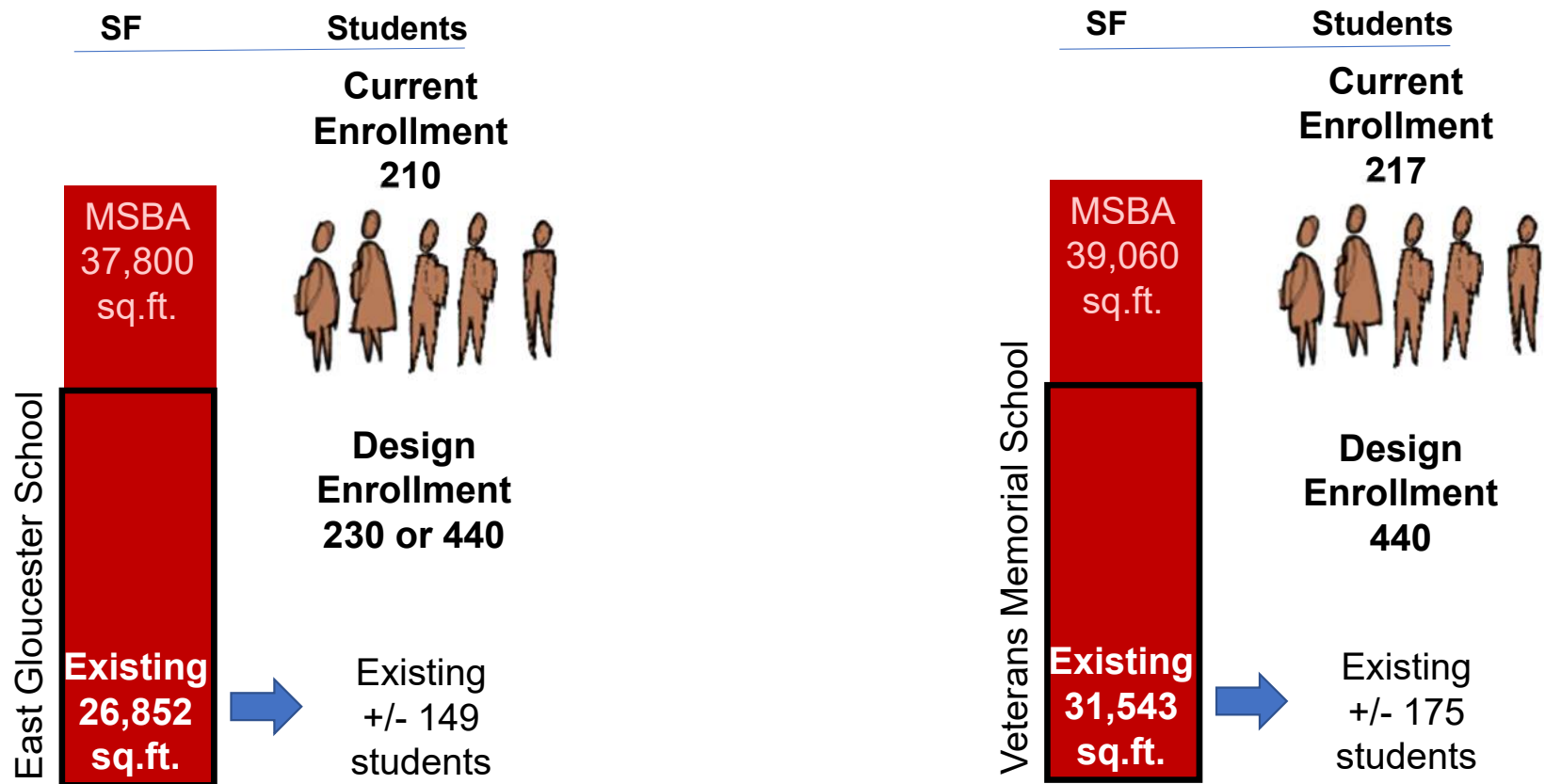
1. UNDERSTANDING NEEDS



REVIEW OF BUILDINGS EXISTING PHYSICAL CONDITIONS

- building envelope
- architectural elements
- structural
- mechanical (heat & air conditioning), electrical, plumbing, fire protection
- site/civil
- hazardous materials
- technology & communication
- security
- fixtures & food service equipment
- **code compliance / accessibility**
- **functional use of the building**


OVERCROWDING



* building sq. ft. does not take into consideration the sq. ft. associated with modular classrooms

UNDERSTANDING NEEDS

APPROPRIATE SIZE

Building	Students
MSBA 37,800 sq.ft.	 Current Enrollment 210
East Gloucester School Existing 26,852 sq.ft.	Design Enrollment 230 or 440
	Existing +/- 149 students



- Gym is 50% undersized
- No art room or music rooms
- Admin space is 20% of MSBA Guideline
- Undersized Special Education


* building sq. ft. does not take into consideration the sq. ft. associated with modular classrooms

UNDERSTANDING NEEDS

APPROPRIATE SIZE

VETERANS SCHOOL

Building **Students**



MSBA
39,060 sq.ft.

Current Enrollment
217

Design Enrollment
440

Existing
31,543 sq.ft.

Existing +/- 175 students

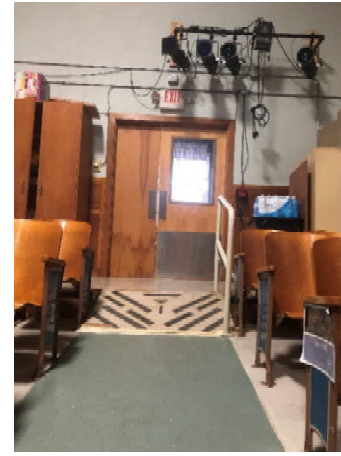
Veterans Memorial School



- Gym is 50% undersized
- No art room
- Admin space is 25% of MSBA Guideline
- Undersized Special Education

* building sq. ft. does not take into consideration the sq. ft. associated with modular classrooms

EXISTING CONDITIONS



- building envelope
- architectural elements
- structural
- mechanical (heat & air conditioning), electrical, plumbing, fire protection
- site/civil
- hazardous materials

- technology & communication
- security
- fixtures & food service equipment
- **code compliance / accessibility**
- **functional use of the building**

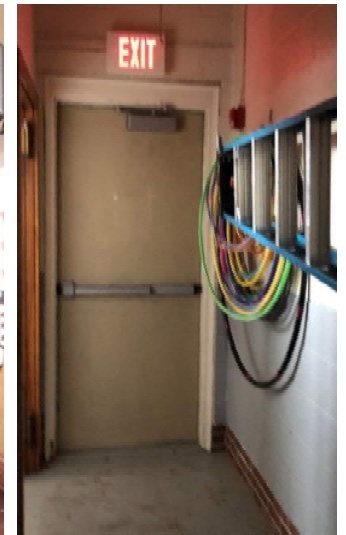
STRUCTURAL

Any major renovation or addition will require that the structure be updated to meet the Code for New Construction.



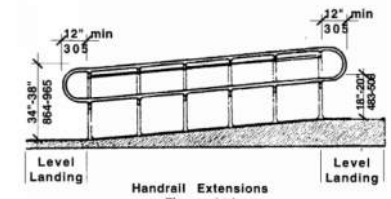
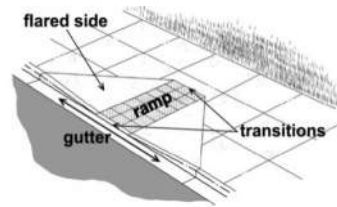
LIFE SAFETY

Any major addition or renovation will require the **entire building be equipped with an automatic fire alarm and suppression system.**



ACCESSIBILITY

Any major renovation or addition will require that the structure be updated to meet the Code for New Construction.



Accessible curb cuts with textured material

Accessible ramps & handrails



Incorrect curb cuts



Accessible Parking not Located Near Ramp



Inaccessible doors and ramps



A young boy with a bright smile is crouching on a wooden deck. He is wearing a blue and white striped polo shirt, a pink baseball cap worn backward, and white sneakers with colorful socks. Behind him is a green safety net, and the background is filled with lush green foliage. The text '1. UNDERSTAND NEEDS' is overlaid in a large, grey, sans-serif font at the top of the image.

1. UNDERSTAND NEEDS

2. DEVELOP OPTIONS

3. CHOOSE PREFERRED SOLUTION

POTENTIAL OPTIONS

EAST GLOUCESTER SCHOOL SITE

RENOVATION ONLY 230 STUDENTS	ADDITION & RENOVATION 230 & 440 STUDENTS	NEW CONSTRUCTION 230 & 440 STUDENTS
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MSBA REQUIREMENTS

DESIGN ENROLLMENTS - 230/440
NUMBER OF SITES REVIEWED - 3

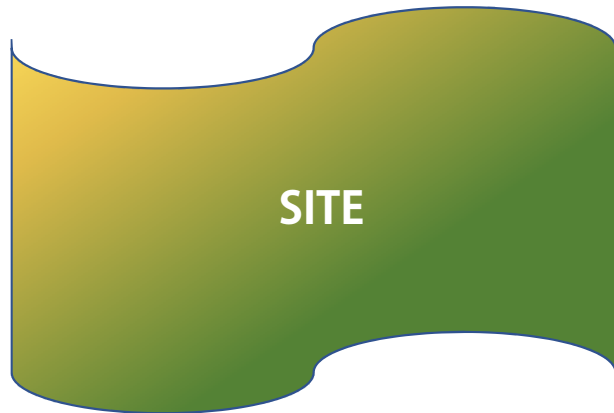
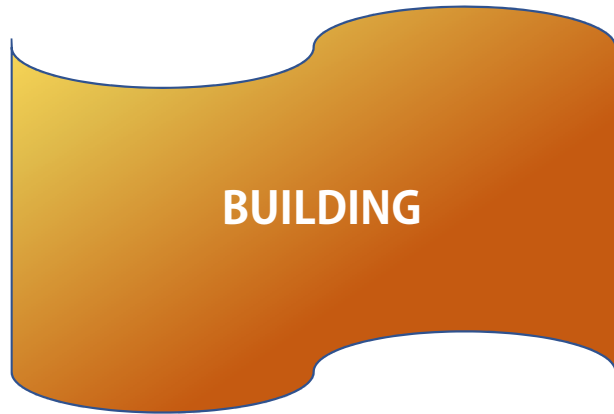
VETERANS MEMORIAL SCHOOL SITE

ADDITION & RENOVATION 440 STUDENTS	NEW CONSTRUCTION 440 STUDENTS
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GREEN STREET SITE

NEW CONSTRUCTION 440 STUDENTS

CRITERIA



- **230 STUDENTS = 59,130 GROSS SQUARE FEET**
- **440 STUDENTS = 87,431 GROSS SQUARE FEET**

- **230 STUDENT SCHOOL = 119 PARKING PER ZONING – 68 REQUEST**
- **440 STUDENT SCHOOL = 175 PARKING PER ZONING – 130 REQUEST**

EAST GLOUCESTER



Site = 2.82 ac for school
2.9 ac for playground
5.72 ac Total

Building
Existing Building = 28,853 gsf
New @ 230 students = 59,130 gsf
New @ 440 students = 87,431 gsf

Existing Parking = 26
Required @ 230 students = 119 / 68
Required @ 440 students = 175 / 130

VETERANS MEMORIAL

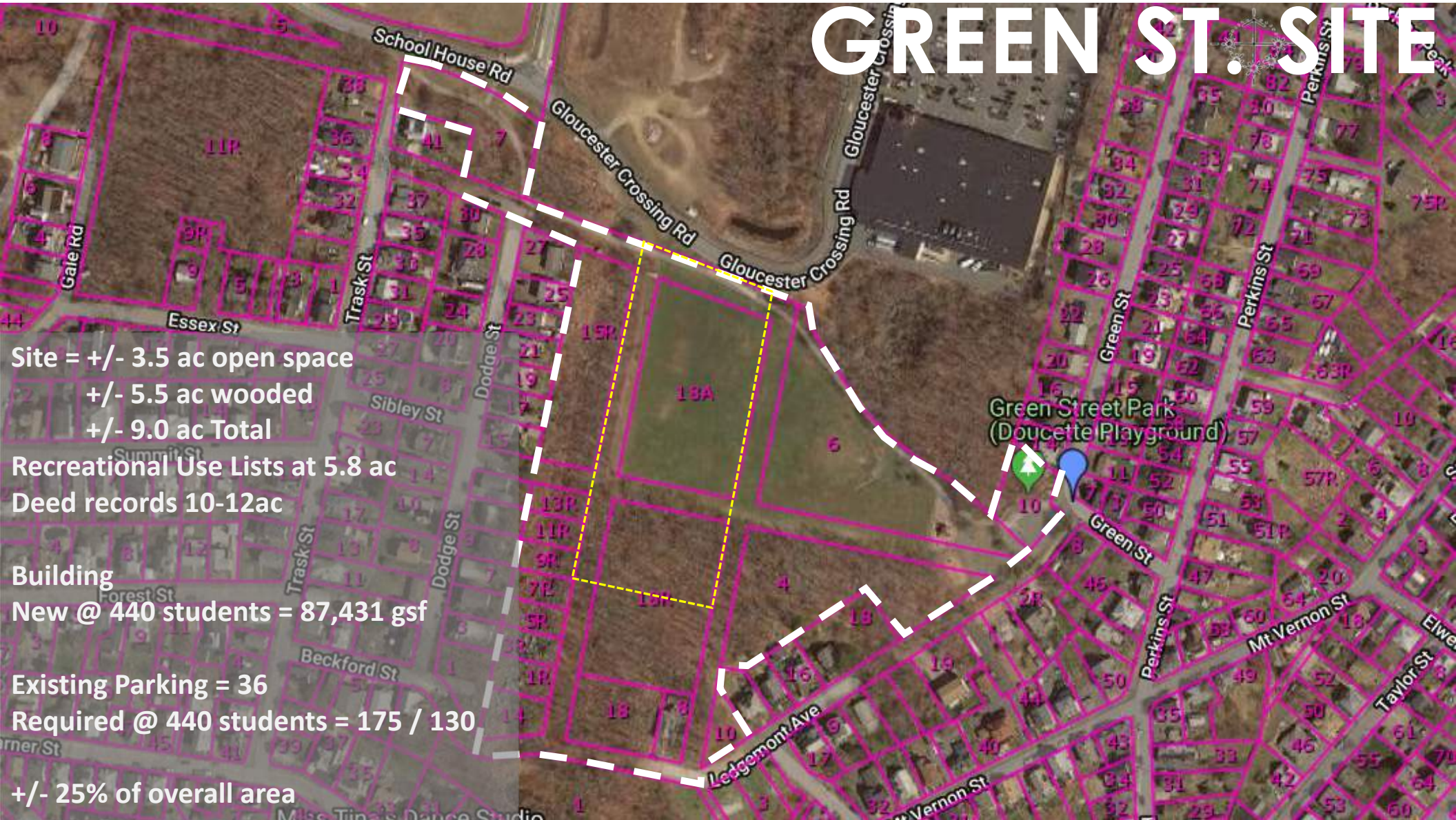
Site = 1.66 ac for school
4.59 ac for ballfield
6.25ac Total

Building
Existing Building = 31,543 gsf
New @ 230 students = 59,130 gsf
New @ 440 students = 87,431 gsf

Existing Parking = 36
Required @ 230 students = 119 / 68
Required @ 440 students = 175 / 130



GREEN ST. SITE



Site = +/- 3.5 ac open space
+/- 5.5 ac wooded
+/- 9.0 ac Total

Recreational Use Lists at 5.8 ac
Deed records 10-12ac

Building
New @ 440 students = 87,431 gsf

Existing Parking = 36
Required @ 440 students = 175 / 130

+/- 25% of overall area

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1. UNDERSTAND NEEDS

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3. CHOOSE PREFERRED SOLUTION

A young girl with blonde hair is shown in profile, looking down intently as she stacks colorful wooden blocks. The blocks are in various colors including red, yellow, green, and purple. The background is softly blurred, showing the girl's face and hair.

THANK YOU

**EAST GLOUCESTER
ELEMENTARY SCHOOL**

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SCHEDULE

