



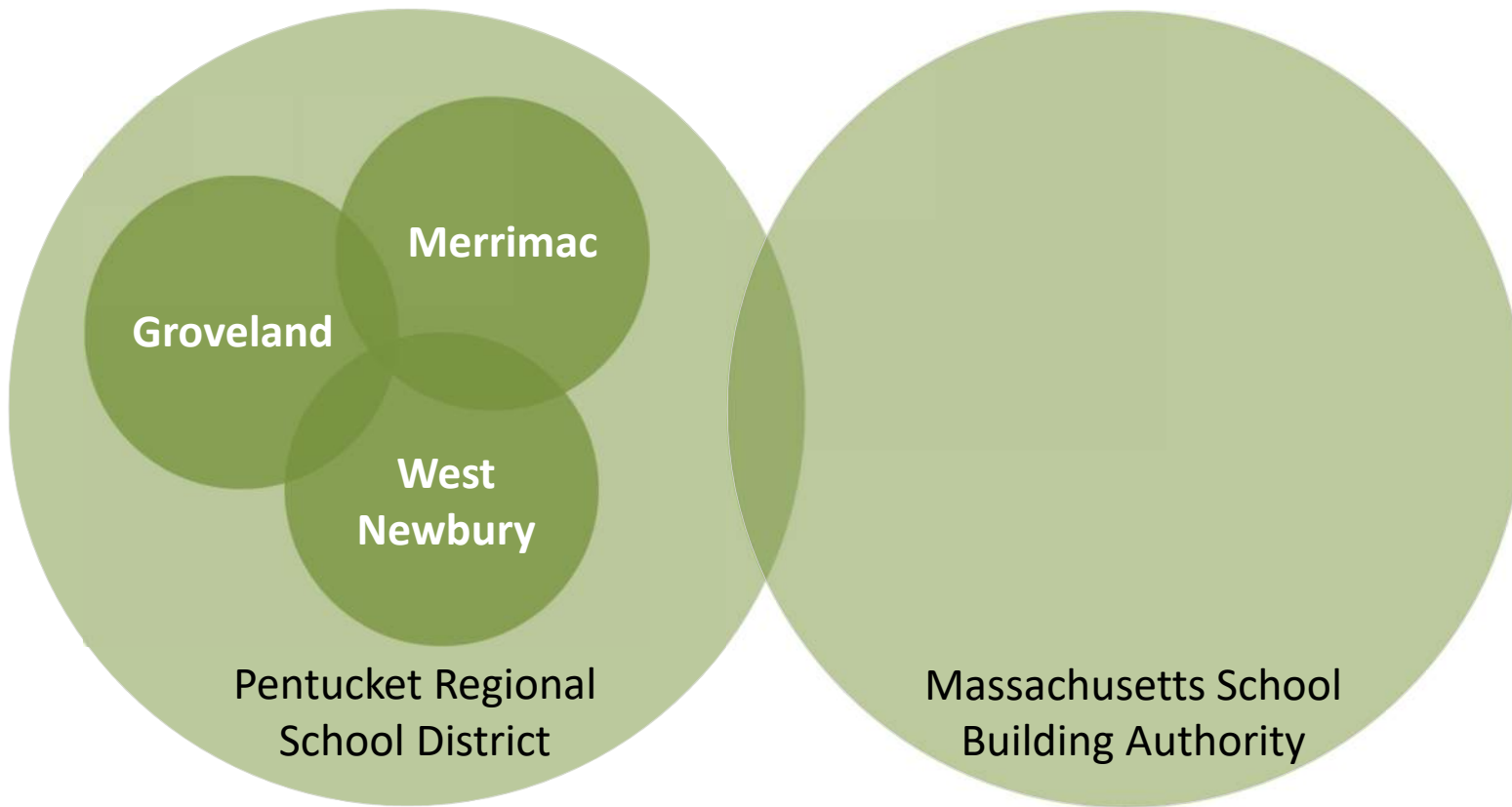
# Public Meeting #1

## Pentucket School Building Project

*January 16, 2018*

- A. Process Overview
- B. Facility Assessment Findings
- C. Visioning & User Group Outcomes
- D. Preliminary Space Summaries
- E. Overall Building Diagram
- F. Questions/ Input/ Feedback

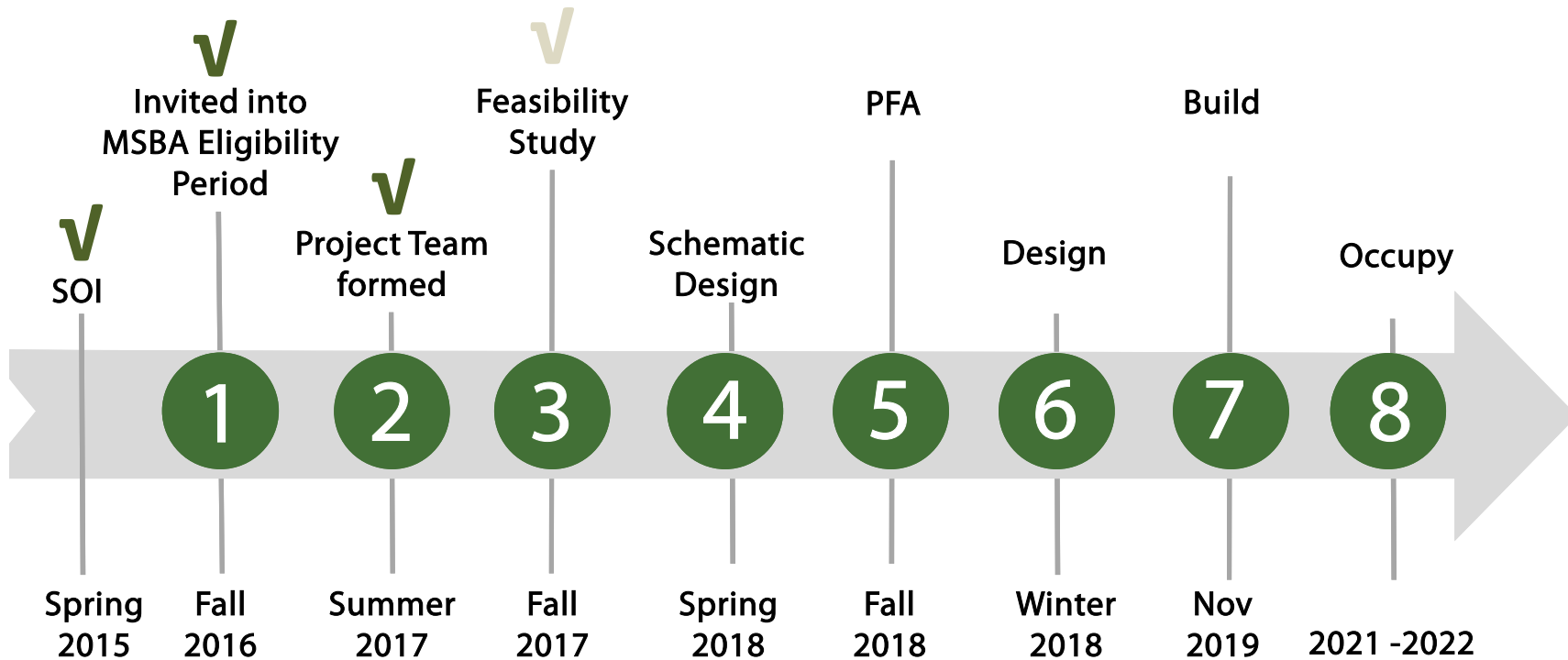
process



## Partnership

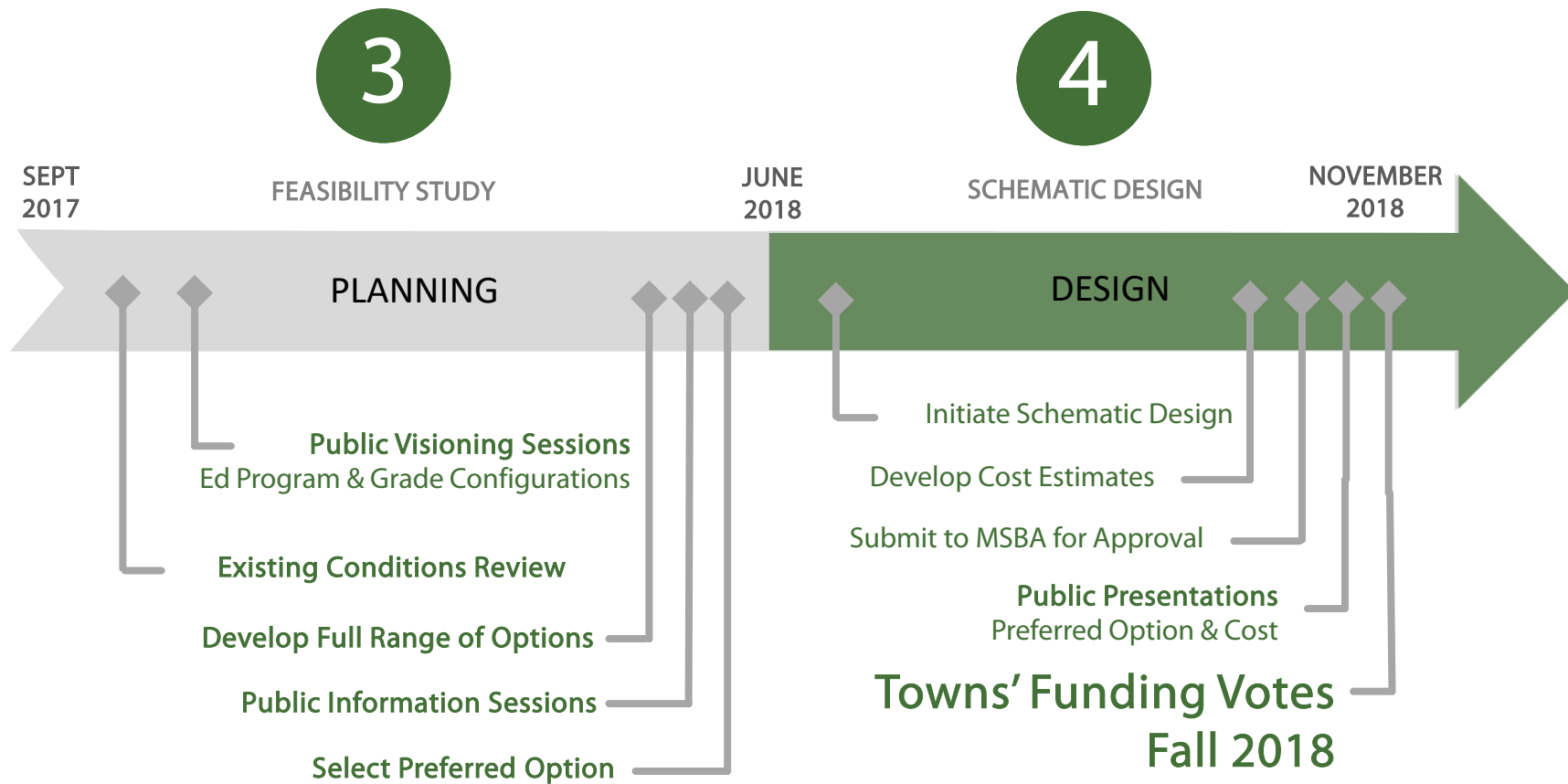
Process





Process





# Process



## Agreed Upon Enrollments

**HS ONLY**  
**605 Students**  
**9<sup>th</sup> – 12<sup>th</sup>**

Existing = 764

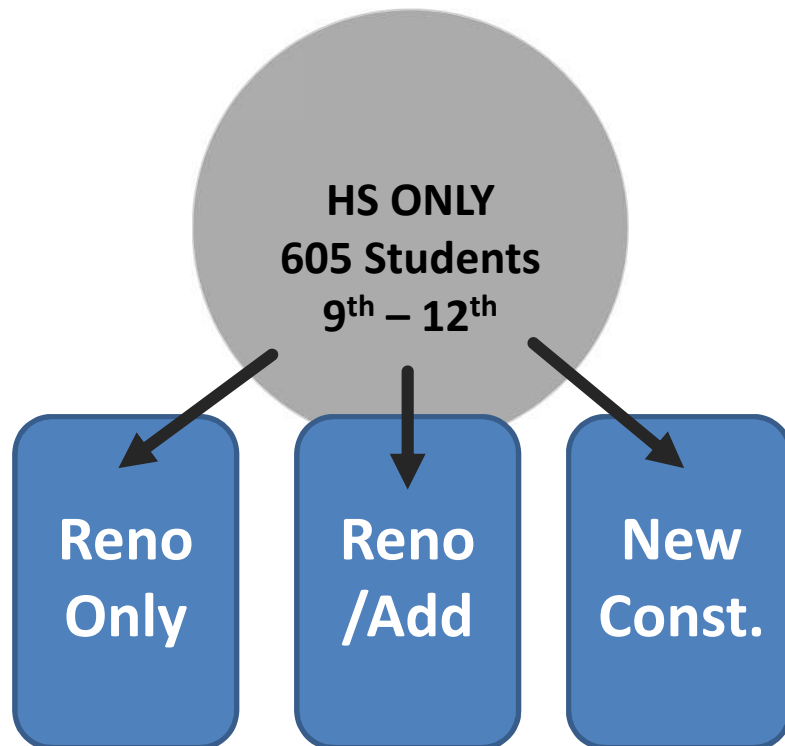
**MS/HS**  
**965 Students**  
**7<sup>th</sup> – 12<sup>th</sup>**

Existing = 461 MS + 764 HS = 1,225

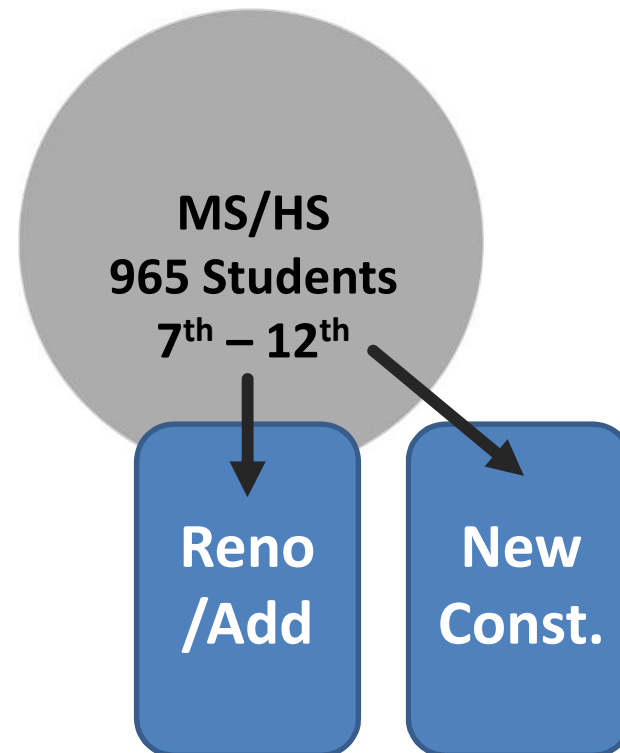
Processs



# Construction Approach



Existing = 764



Existing = 461 MS + 764 HS = 1,225

Process





# 3

## FEASIBILITY STUDY – Defining the Project

### PDP SUBMISSION

- Educational Program Narrative
- Space Summaries
- Conceptual Options
- Conceptual Cost Estimates
- Select Few Preferred Options

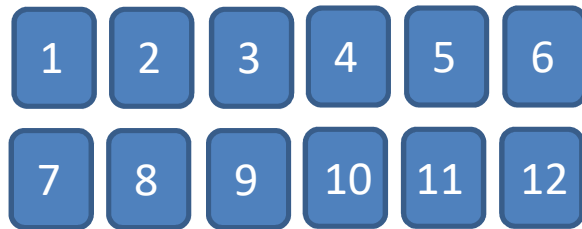
### PSR SUBMISSION

- Refine Preferred Few Options
- Refine Cost Estimates
- Selection of the Preferred Option

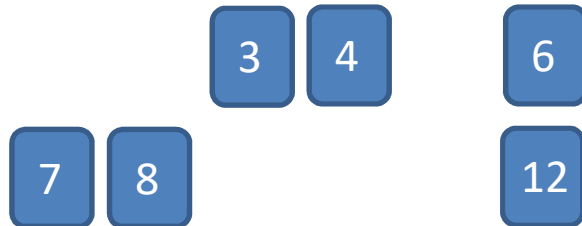
# 3

## FEASIBILITY STUDY – Defining the Project

### PDP SUBMISSION

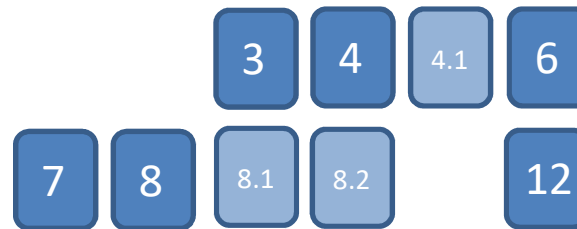


Many Options



Few Options

### PSR SUBMISSION



Few Options



Preferred Option

Process





process  
questions

facility  
assessments



	SITE	EXTERIOR			INTERIOR			
	Circulation	Roof	Walls, Windows, and Doors	Thermal	MEP/FP	Finishes	Accessibility	Health, Safety, and Welfare
<b>Pentucket Regional HS</b>								
<b>Pentucket Regional MS</b>								

Both existing buildings need significant physical improvements to extended their useful lives another fifty years.

# msba comparative analysis



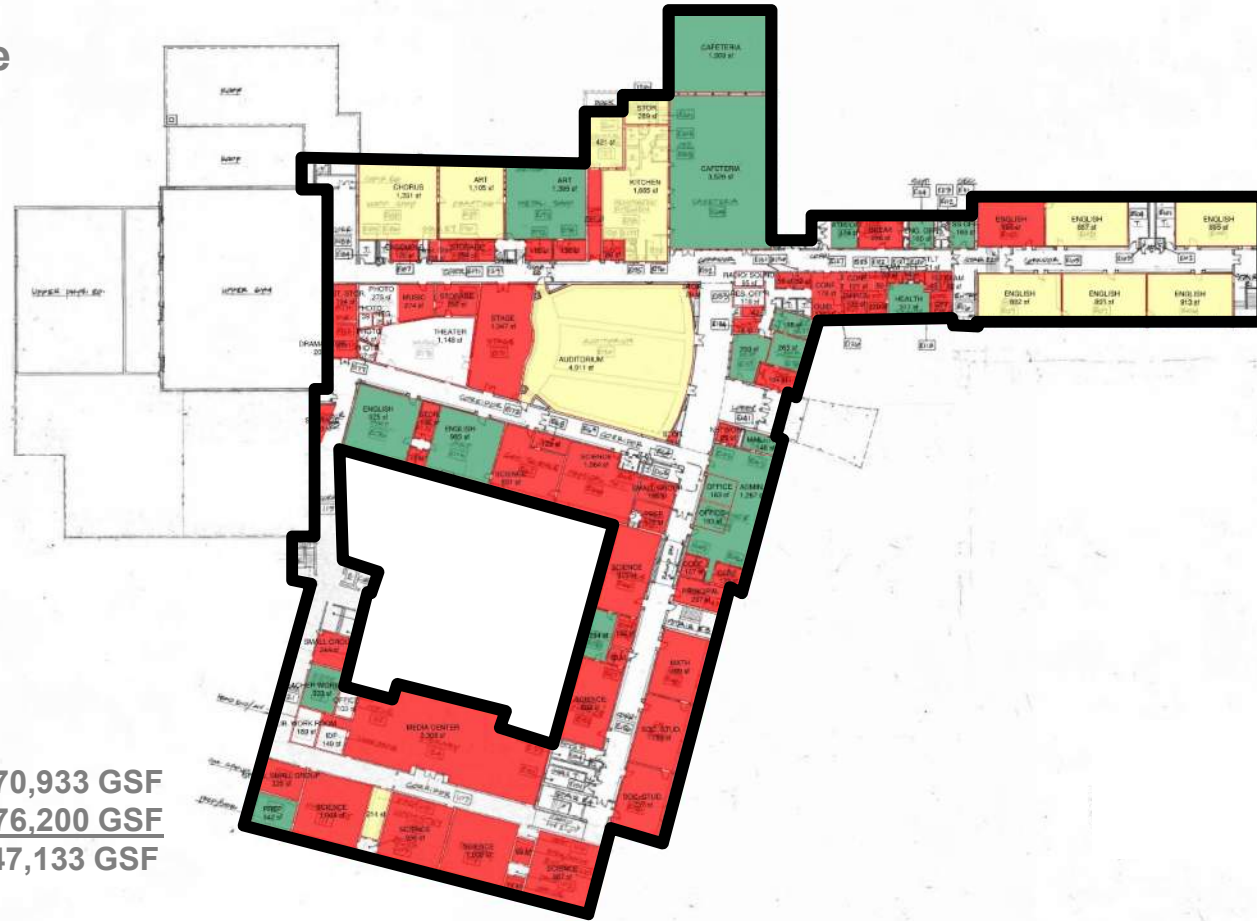
Ground Level	70,933 GSF
Main Level	76,200 GSF
<b>TOTAL</b>	<b>147,133 GSF</b>

undersized (<90%)
  aligned (90%-110%)
  oversized (>110%)

HIGH SCHOOL GROUND LEVEL



## msba comparative analysis



Ground Level	70,933 GSF
Main Level	76,200 GSF
<b>TOTAL</b>	<b>147,133 GSF</b>

■ undersized (<90%)

■ aligned (90%-110%)

■ oversized (>110%)

HIGH SCHOOL MAIN LEVEL





## msba comparative analysis



EXISTING MIDDLE SCHOOL  
TOTAL 115,954 GSF



undersized (<90%)



aligned (90%-110%)



oversized (>110%)

MIDDLE SCHOOL

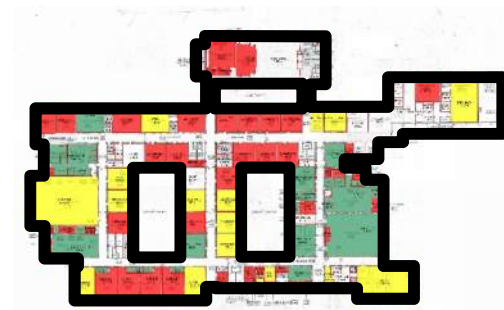


EXISTING MIDDLE SCHOOL	115,954 GSF
EXISTING HIGH SCHOOL	147,133 GSF
COMBINED TOTAL	263,087 GSF

MSBA MIDDLE SCHOOL @ 360	75,652 GSF
MSBA HIGH SCHOOL @ 605	139,225 GSF
COMBINED TOTAL	214,877 GSF

MSBA HIGH SCHOOL @ 965	189,814 GSF
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- Most Classrooms below guidelines
- Proposed Project will be smaller than existing
- District Offices NOT in project



MS + HS SCHOOL - TOTALS



# assessment questions

visioning

## Session #1

- How World Has Changed
- How Education Has Changed
- Goals & Objectives of Process
- Design Examples



- ① Buy in from all (teachers, comm, st)  
 • A place for everyone to excel at their preferred style  
 • Successfully supported tech. / supplies  
 • All students being serviced to meet their needs  
 • "This is everybody's school!!"
- ② The building belongs to the whole community  
 • Getting buy in from all demographics  
 • How can the space be flexible in 20, 30+ years?
- ③ Community buy in? What is the plan?  
 • Is there a plan to be a 1-1 tech. initiative  
 • \$ for additional resources to give the full experience i.e. vans etc.

- Inclusive & Transparent Process
- Successful Vote
- Student-centric
- Community Use
- Sustainable
- Cost-effective



1. • GETTING FINANCING  
 • SUCCESSFUL VOTE  
 • PUBLIC PRIDE OF OUTCOME  
 • CONSTRUCTIVE COMMUNICATION + PUBLIC OUTREACH
2. • TOTAL STUDENT POPULATION INCLUSION  
 • GREEN/SUSTAINABILITY  
 • FLEXIBILITY FOR FUTURE LEARNING
3. • PREVIOUS INVESTMENT IN ATHLETIC FACILITIES?  
 • COST CONTAINMENT/CONTROL

VISIONING



## Session #2

# Grade Configuration

7<sup>th</sup> – 12<sup>th</sup>

With a separation between Middle School and High School with Shared Core Spaces

VISIONING



# Thoughtexchange

**226 people participated, contributing 349 thoughts, and 5,998 ratings**

## **Project Priorities:**

### **Designated age-appropriate areas**

"I was an advocate for two separate schools but now I'm a believer in one school. There are ways of separating young and old kids without separate schools and I think the ability to house younger kids at 7th and 8th grade in their own "space" is important. "

### **Meet the different learning needs**

"Students have differing needs, both for support when struggling and advancement and challenge. A shared campus can maximize those opportunities. "

### **Student experience and wellness**

"Keeping a sense of community for middle school age students. As a transitional period for students, it is important for them to feel a sense of place."

### **Utilize shared common spaces**

"I support a single building configuration. Common special use areas, such as science laboratories and art space, can be shared between the grades. Several Commonwealth communities do this effectively. We can benefit from them as a resource."

### **Funding and Budget**

"Costs should be reduced by having one building that serves 7-12. Students will be able to share state of the art facilities at one location."

VISIONING



# Thoughtexchange

**226 people participated, contributing 349 thoughts, and 5,998 ratings**

## **Project Opportunities:**

### **Arts and athletic space**

"It is imperative that our infrastructure supports the state of the art facility we want for our students. It is wonderful to have a pretty building, but if our wi-fi/heating and cooling (etc...) can't support the needs, it is not useful."

### **Advanced Learning**

"They should have access to advanced classes if they are academically and emotionally prepared. So that the learning opportunity is maximized."

### **Technology**

"State of the art science labs and technology. Most school districts have these in place. It is imperative for our students to be trained at a young age in order to compete globally."

### **Utilize shared common spaces**

"Shared facilities should exhibit higher quality than if duplicated for middle and high school. More use out of auditoriums, music halls, shared exhibit spaces and athletic facilities."

### **Curriculum and extracurricular activities**

"Access to more elective choices. Ability to develop and explore interests at a younger age."

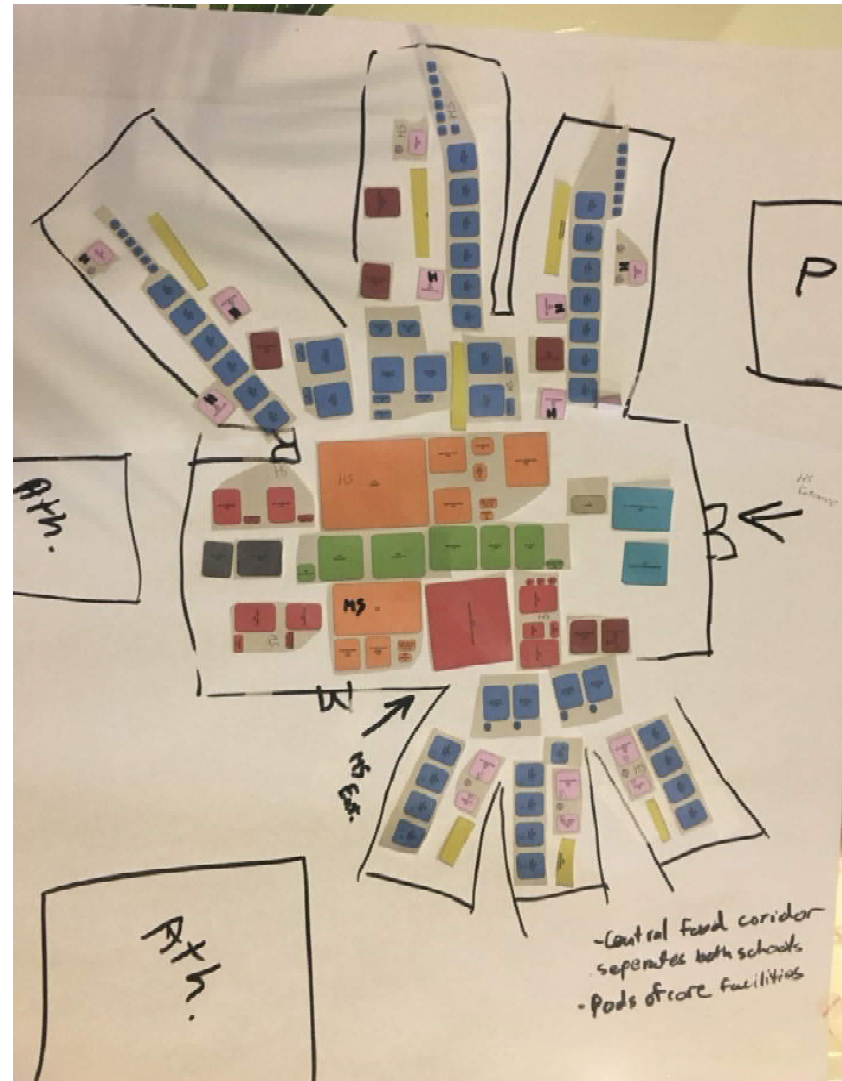
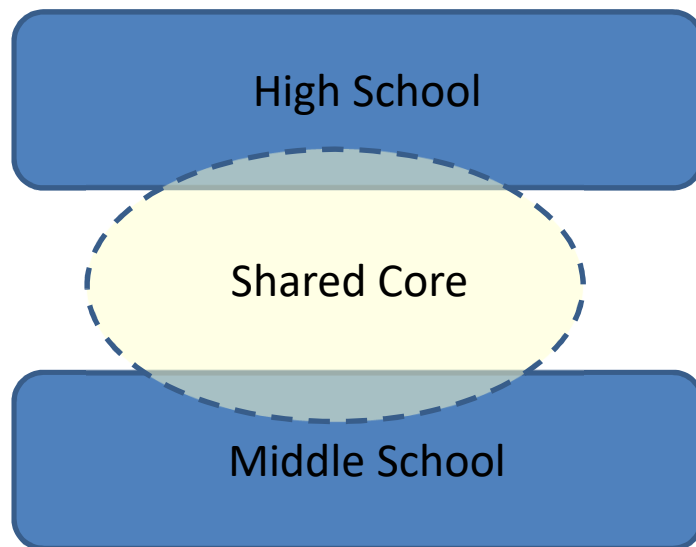
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## Session #2

# Overall Building Diagram



VISIONING



## Session #2

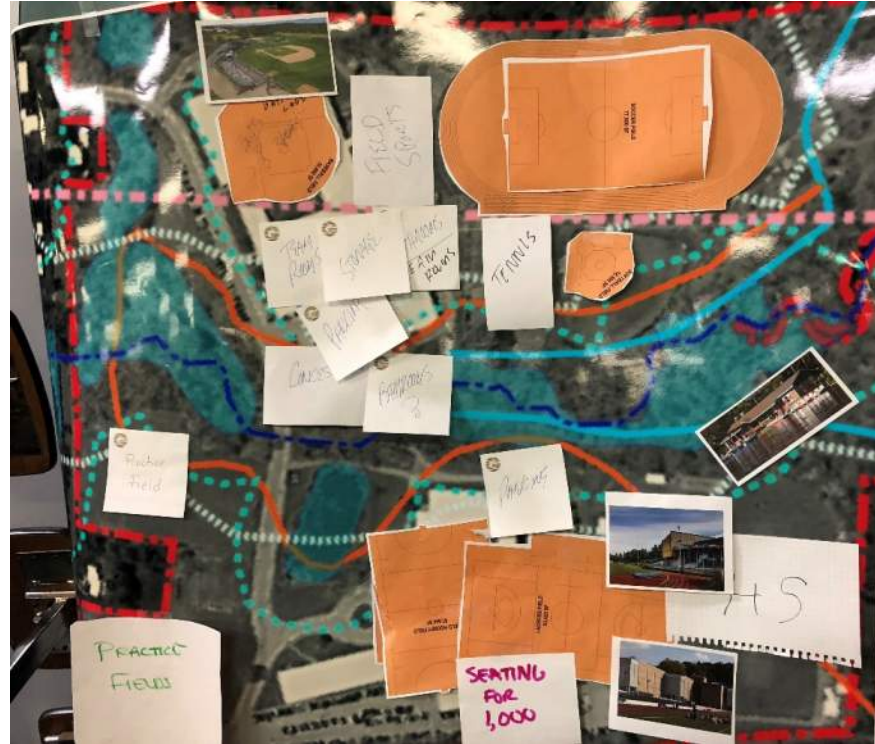
# Guiding Principles

- Partnership with the MSBA
- Cost-Effectiveness & Value
- Access to Natural Daylight
- Flexibility
- Fluidity of Spaces
- Outdoor Learning Spaces
- Student Dining, Health, and Nutrition
- Epicenter of Communities
- Diversity of Teaching Spaces
- Integrated Technology
- Collaboration
- Self-Reflection
- Respect
- Furniture
- Storage
- Security
- Organizational Strategy
- Diversity of Teaching Spaces
- Sustainability
- Curation of Student Work
- Inspiring
- Site Amenities

VISIONING



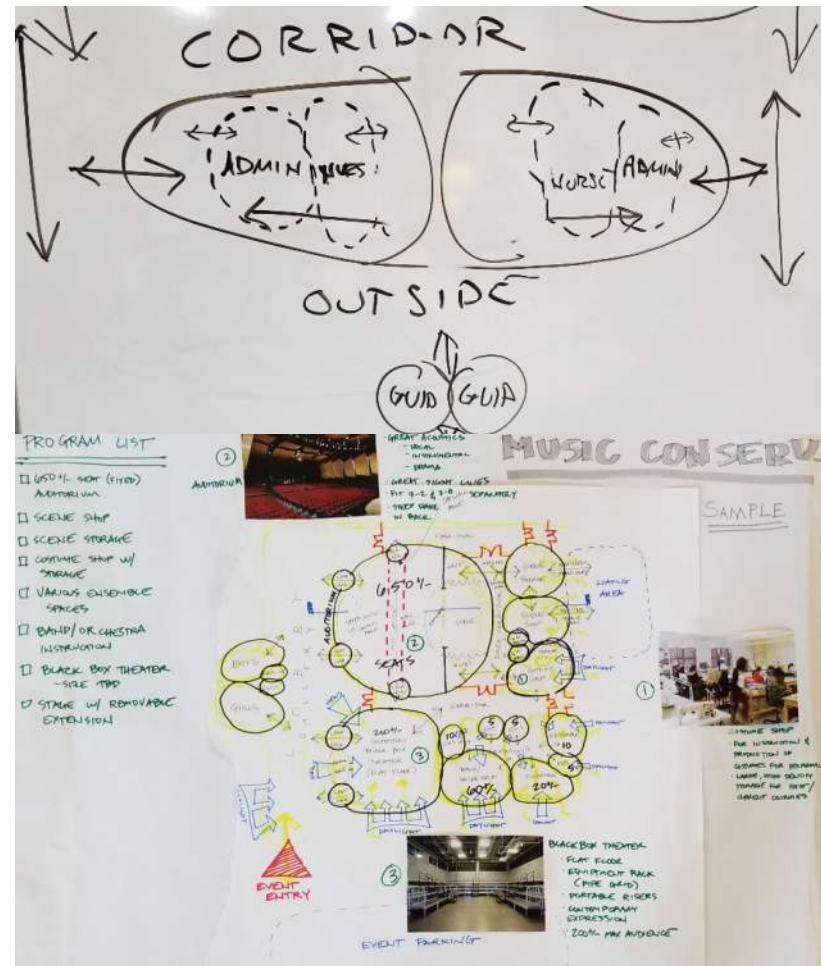
# Conceptual Design Explorations



# VISIONING



- School Administration
- Guidance & Nurse
- Library
- STEM Innovation Academy
- Art Innovation Academy
- Special Education
- English, Social Studies, & Foreign Language
- PE and Athletics
- Student Workshop



User Groups

visioning  
questions

# space summary

HS ONLY  
605 Students  
9<sup>th</sup> – 12<sup>th</sup>

**167,000 GSF +/-**

Existing = 147,133 GSF

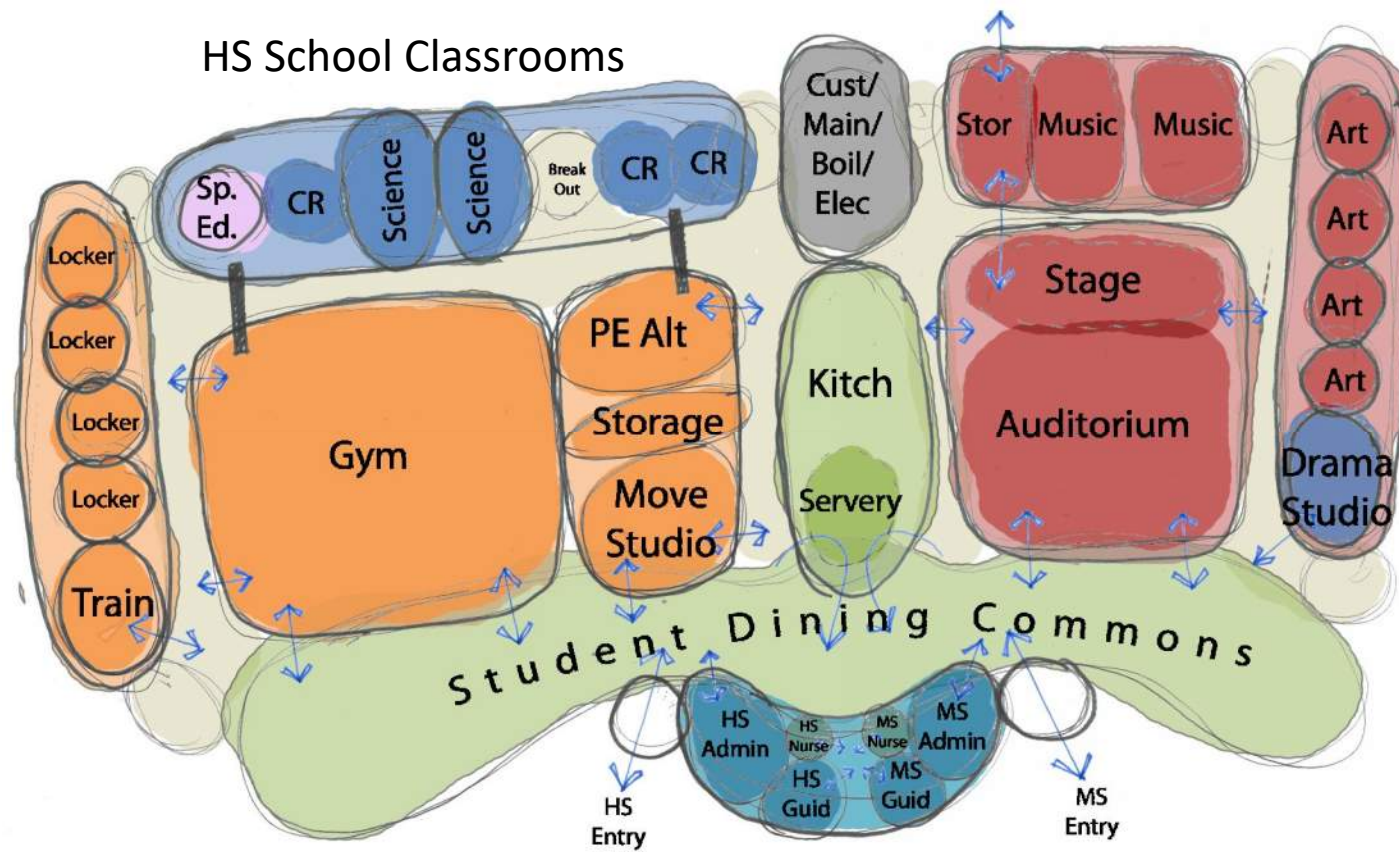
MS/HS  
965 Students  
7<sup>th</sup> – 12<sup>th</sup>

**234,000 GSF +/-**

Existing = 263,087

building  
diagram

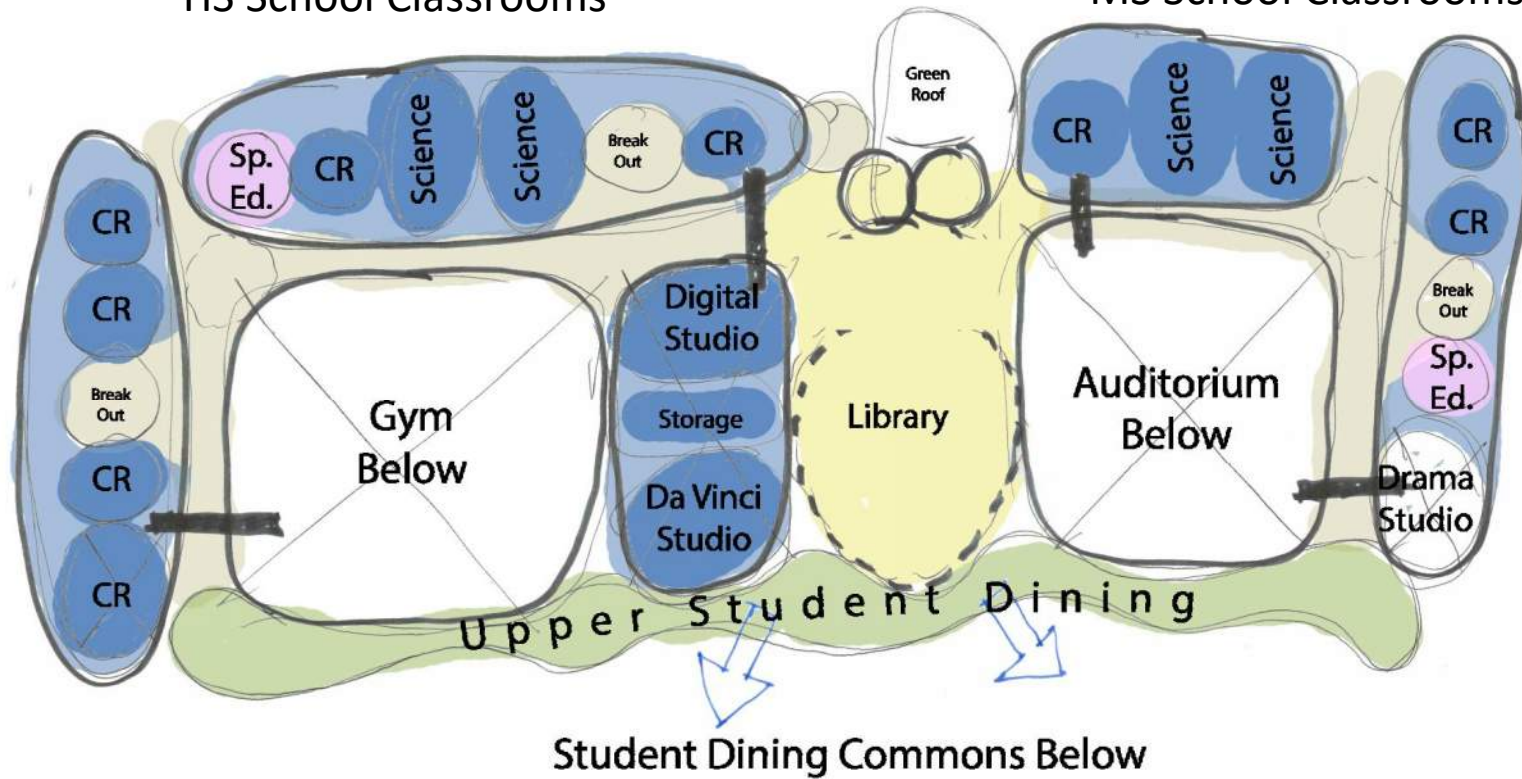




Building Diagram

HS School Classrooms

MS School Classrooms



Building Diagram

questions

# Next Steps

- **February 7<sup>th</sup> @ 6:30 PM, Merrimac Town Hall - Public Meeting #2**
  - Full Range of Options Presentation
  - Input & Feedback to Inform Short List
- **February 13<sup>th</sup> @ 6:30 PM, PHS – Building Committee & School Committee**
  - Review Short List
  - Vote to approve submission to MSBA
- **February 27<sup>th</sup> @ TBD - School Committee**
  - Review Short List
  - Vote to approve submission to MSBA
- **March 8<sup>th</sup> – Submit PDP to MSBA**

thank  
you