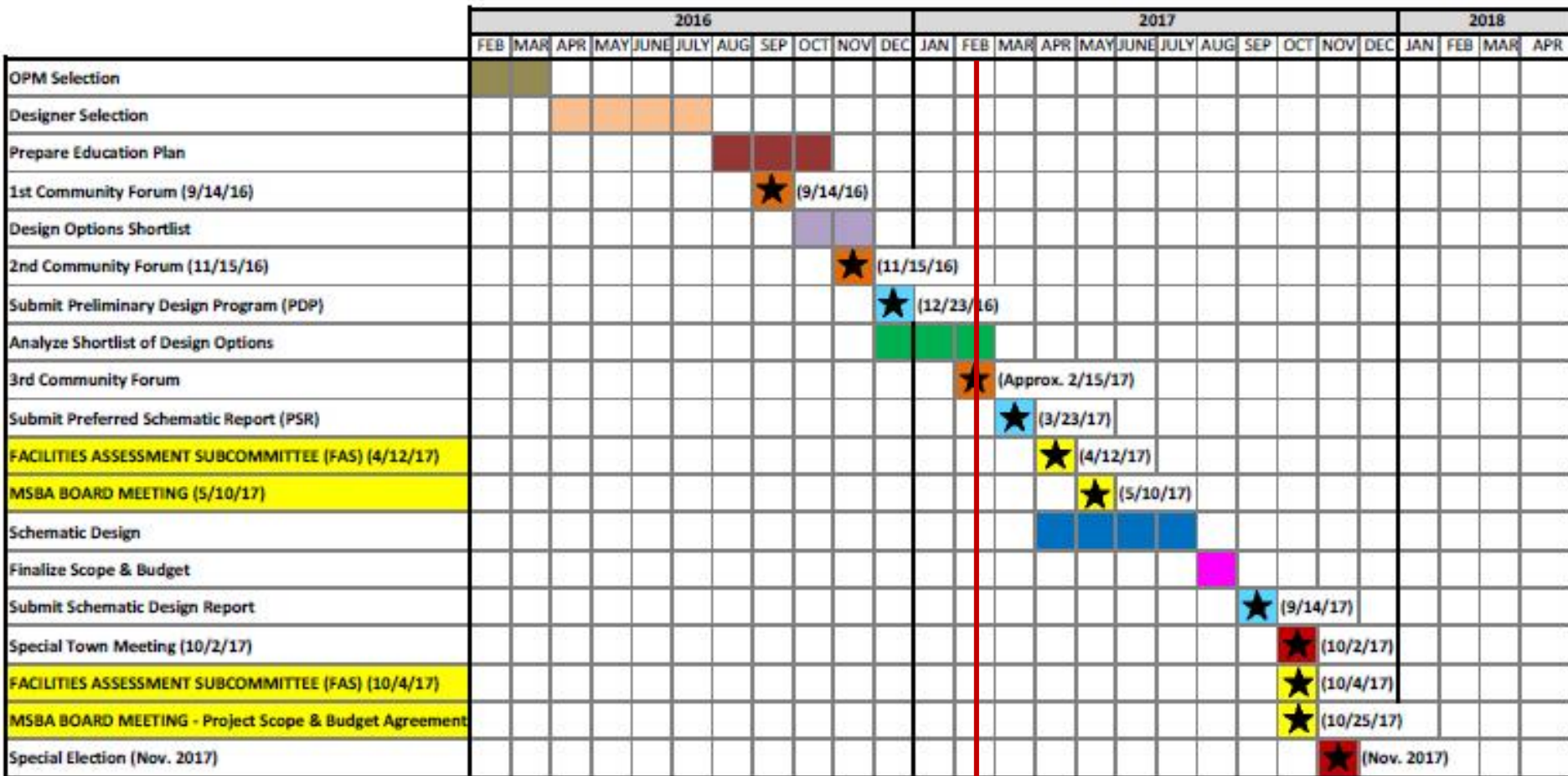


MIDDLEBOROUGH HIGH SCHOOL

Middleborough, Massachusetts



PROCESS OVERVIEW



Project Schedule

2/15/2017

Community Forum #3

Process-Driven Decision Making

How do we get to a decision?

Education Plan

Education plan will drive design – good practice; MSBA requirement.

Options

Multiple sites (2+) and options at each site.

Criteria

Develop qualitative criteria to measure each option against

Shortlist

Shortlist and develop cost comparisons for final analysis

Project

Fully explore preferred option to avoid surprises - arrive at final preferred option

WELCOME




Feasibility Study and Schematic Design
Middleborough High School
Community Work Shop
Third Workshop Meeting


February 15, 2017


7:00-7:10	Walk About ✓ Light refreshments, informal introductions/questions	MPS / DRA
7:10-7:15	Welcome ✓ Where we've been-where we're going	MPS
7:15-7:20	Process Overview ✓ MSBA design process / schedule	CPM
7:20-7:40	Workshop / Options Introduction ✓ Options Introduction ✓ Breakout session introductions	DRA
7:40-8:00	Breakout Sessions ✓ "Container"- Building Discussion ✓ "Contents" - Educational Program ✓ "Contours" - Site Discussion ✓ "Children"	MPS / DRA
8:00-8:10	Three Question Exercise	ALL
8:10-8:25	Re-Group / Re-Cap ✓ Brief re-caps of breakout session highlights	DRA
8:25-8:30	Concluding Comments	MPS

to view study information, go to: www.mhsbuildingproject.com

THREE QUESTIONS:

 Identify the Option that appeals most to you. Place your **ORANGE** note on the board that represents **your preferred option**. **Most Importantly**, jot a note on the sticky note and tell us **WHY** you prefer that Option.

 Within the Option that you prefer, place your **PURPLE** note identifying which **Evaluation Criteria** that you **most agree with**. Please write the criteria on the note, and provide a brief note telling us **WHY** your agree.

 Of the Options identified tell us which you **like the least**. Place your **RED** sticky note on the Option that you most disagree with. Once again, provide a brief note as to **WHY** you dislike the Option.



Drumme Rosane Anderson
architecture • planning • interior design

NOTES:

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Addition/Renovation Option A



Advantages

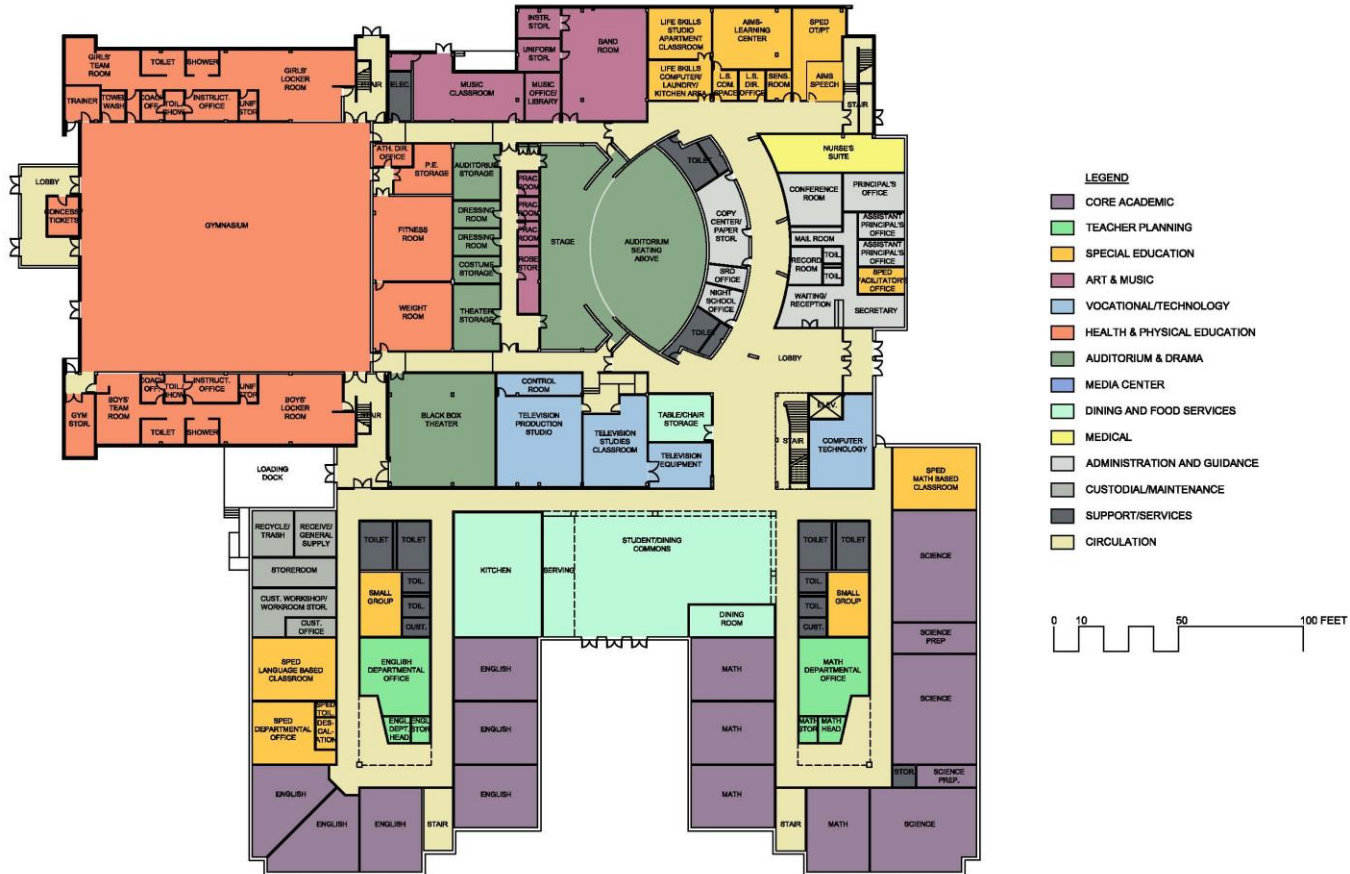
1. Building Location Centralized on Site – Ideal Setback from Abutters
2. Maintains Existing Building/ Current School Identity/ Tradition
3. Maintains Building Relationship to street and generally maintains existing and known traffic patterns.

Disadvantages

1. Least Evidence of “Improvements” from Street view (New Addition happens in rear of existing building)
2. Inefficiencies working with existing building will result in larger gross area.
3. Parking Relationship to entrances and internal programmatic elements is not optimal.
4. Educational Program requirements cannot be adhered to as closely as with new construction options due to existing configurations and structure.
5. Energy efficiency will be compromised unless cost of complete existing building envelope replacement is included in renovation costs.
6. Separate Entries for Car and Bus-Drop Off do not converge on a common lobby

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Addition/Renovation Option A



ADDITION/RENOVATION OPTION A:
LOWER LEVEL FLOOR PLAN

SCALE: 1"=40'
Progress 1-25-17

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Addition/Renovation Option A

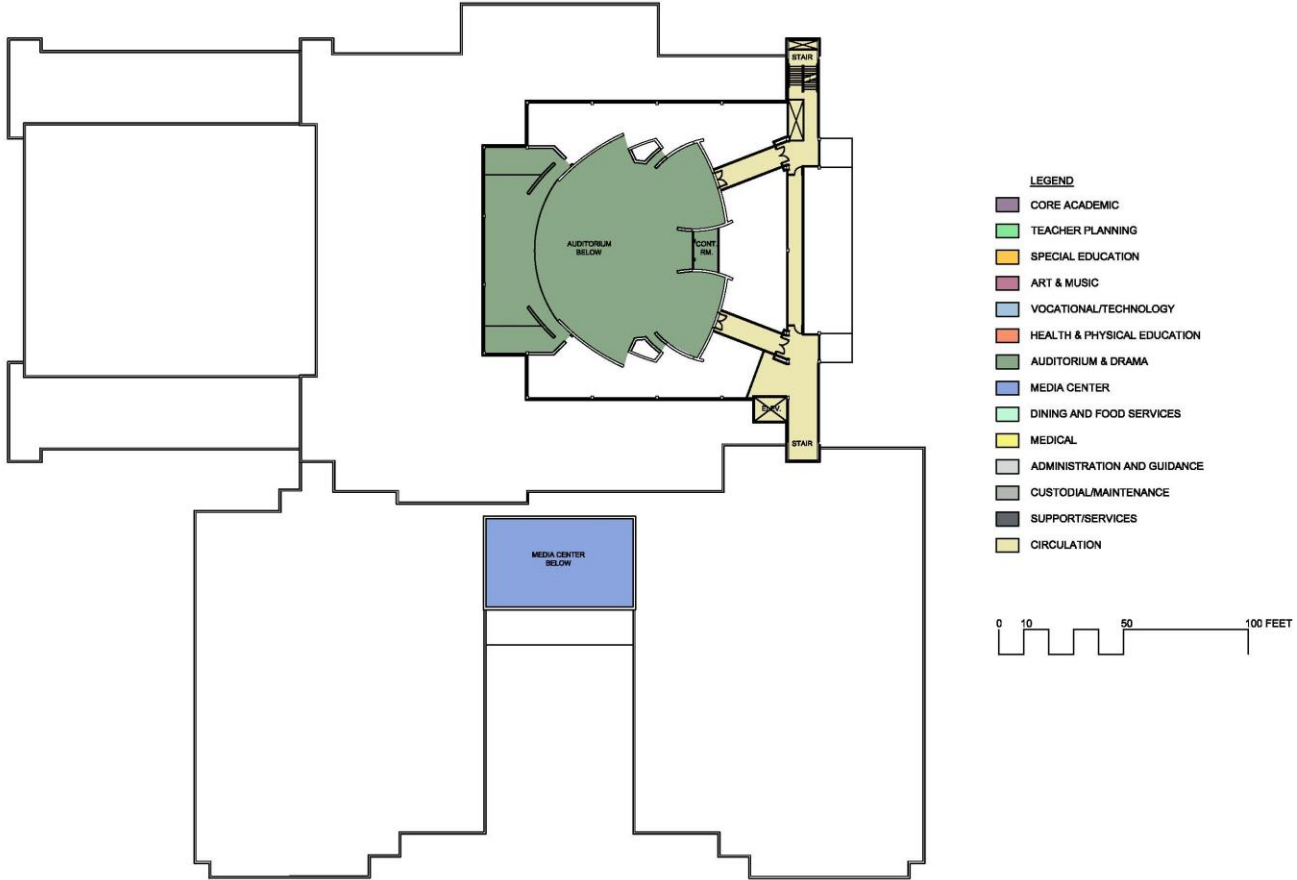


**ADDITION/RENOVATION OPTION A:
MIDDLE LEVEL FLOOR PLAN**

**SCALE: 1"=40'
Progress 1-25-17**

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Addition/Renovation Option A



ADDITION/RENOVATION OPTION A:
UPPER LEVEL FLOOR PLAN

SCALE: 1"=40'
Progress 1-25-17

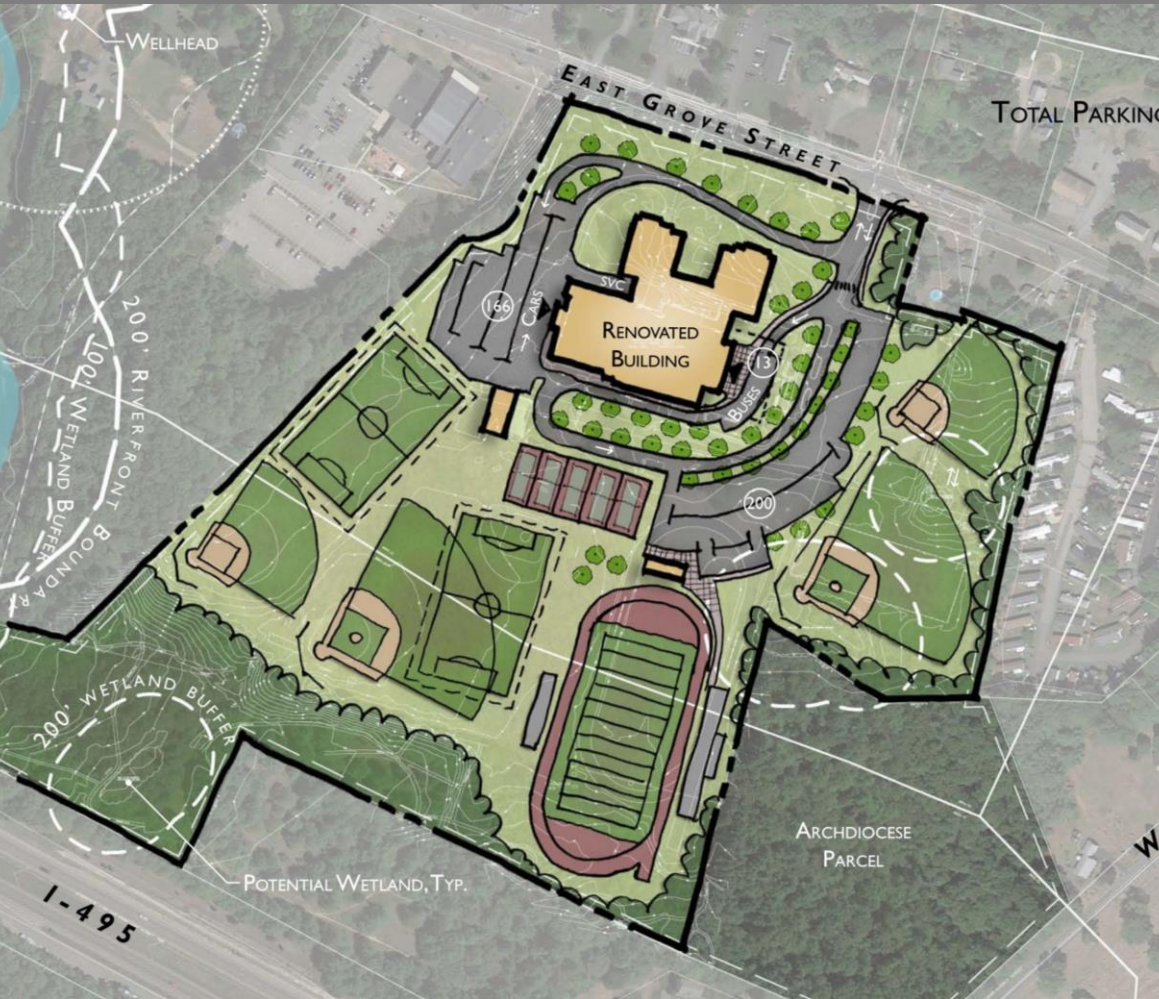
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Addition/Renovation Option A



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Addition/Renovation Option A1



Advantages

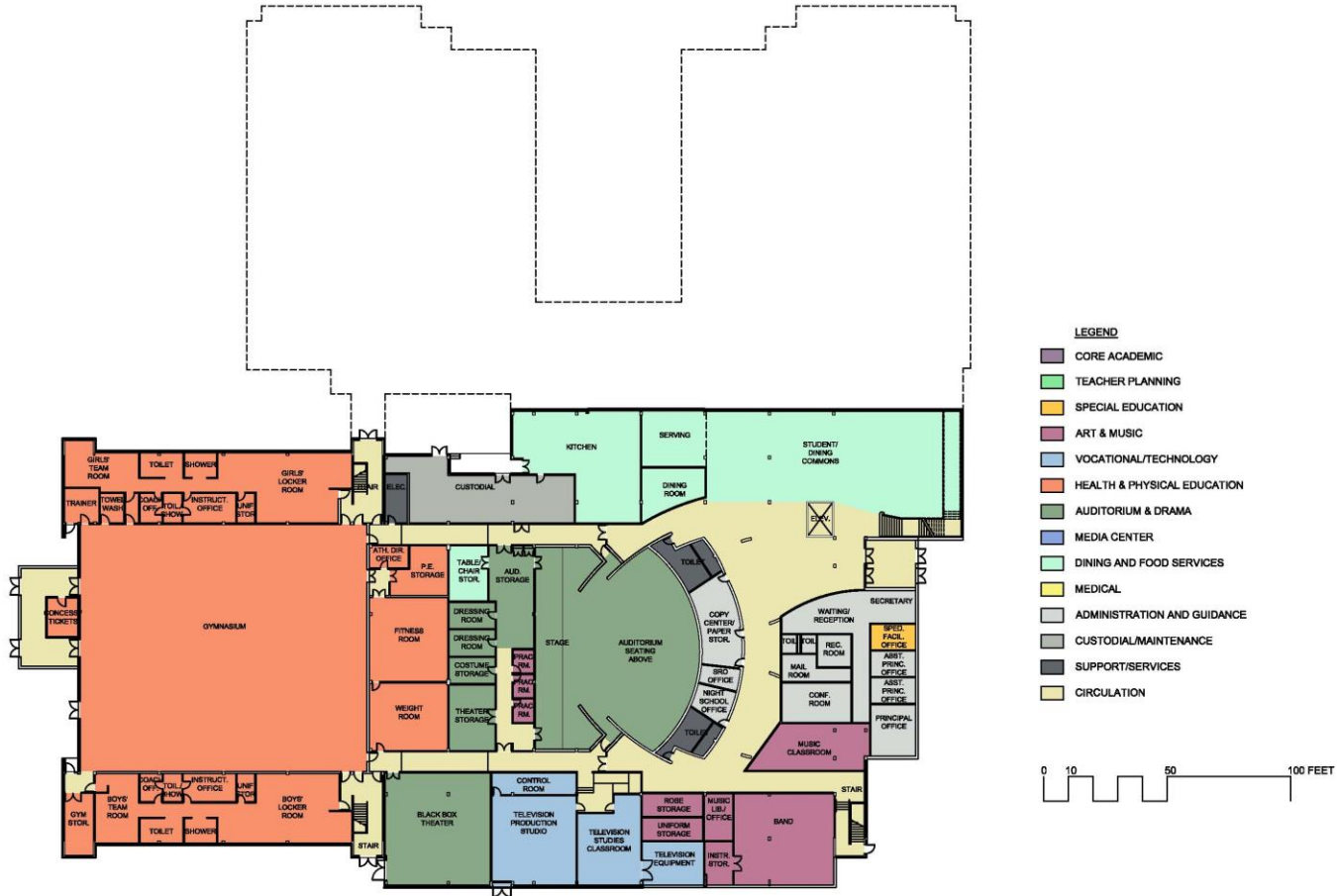
1. Most impact of “Improvement” visible to Street of the Renovation/Addition Options.
2. Building Location Centralized on Site – Ideal Setback from Abutters
3. Maintains Existing Building structure/ Current School Identity/ Tradition

Disadvantages

1. Inefficiencies working with existing building will result in larger gross area.
2. Access on West Side is less advantages with no corridor access around existing gymnasium. Parking Relationship to entrances and programmatic elements is not optimal.
3. Educational Program requirements cannot be adhered to as closely as with new construction options due to existing configurations and structure; Particularly non-centralized student commons area.
4. Energy efficiency will be compromised unless cost of complete existing building envelope replacement is included in renovation costs.
5. Separate Entries for Car and Bus-Drop Off do not converge on a common lobby

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Addition/Renovation Option A1



**ADDITION/RENOVATION OPTION A1:
LOWER LEVEL FLOOR PLAN**

**SCALE: 1"=40'
Progress 1-25-17**

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Addition/Renovation Option A1

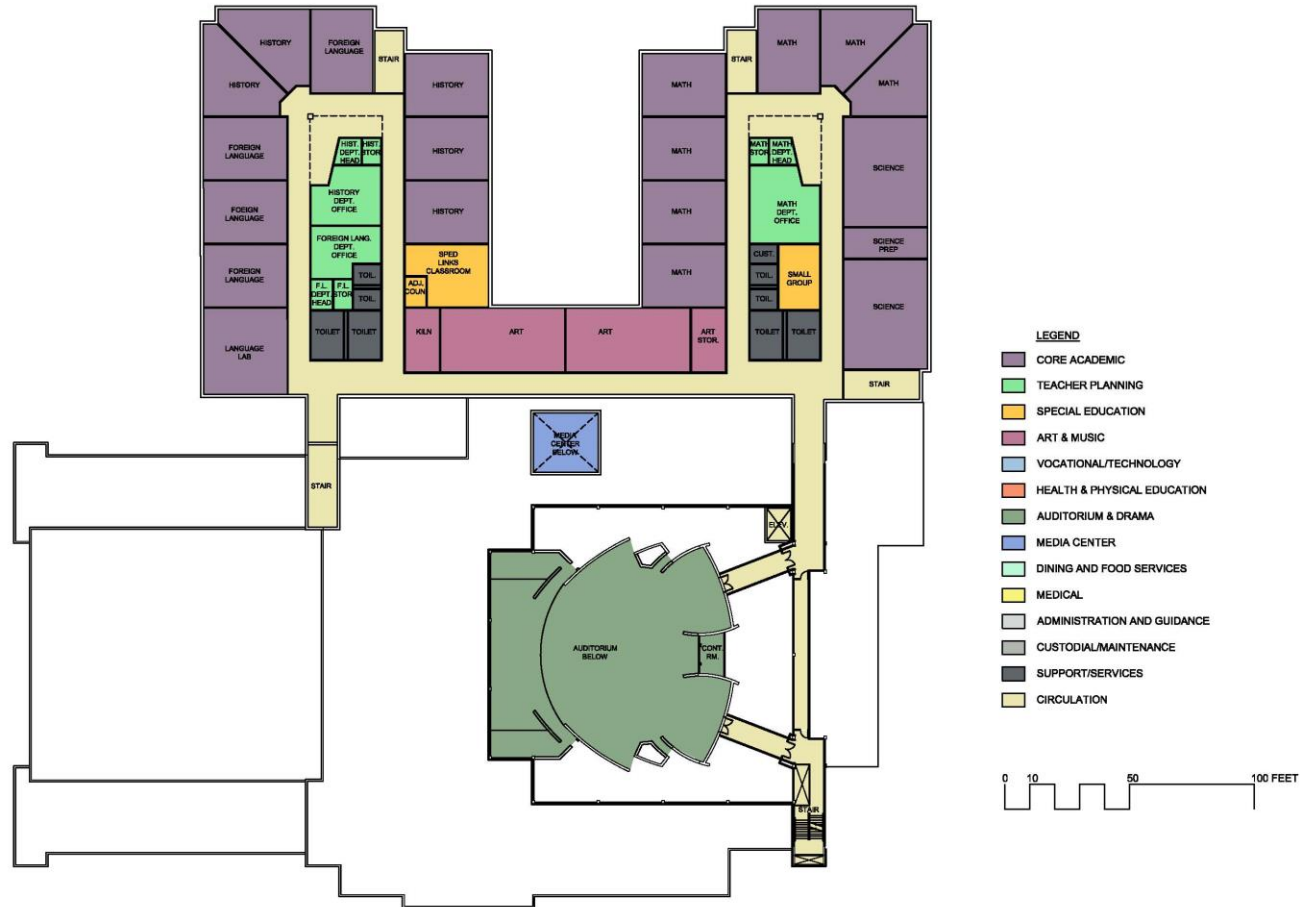


ADDITION/RENOVATION OPTION A1:
MIDDLE LEVEL FLOOR PLAN

SCALE: 1"=40'
Progress 1-25-17

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Addition/Renovation Option A1

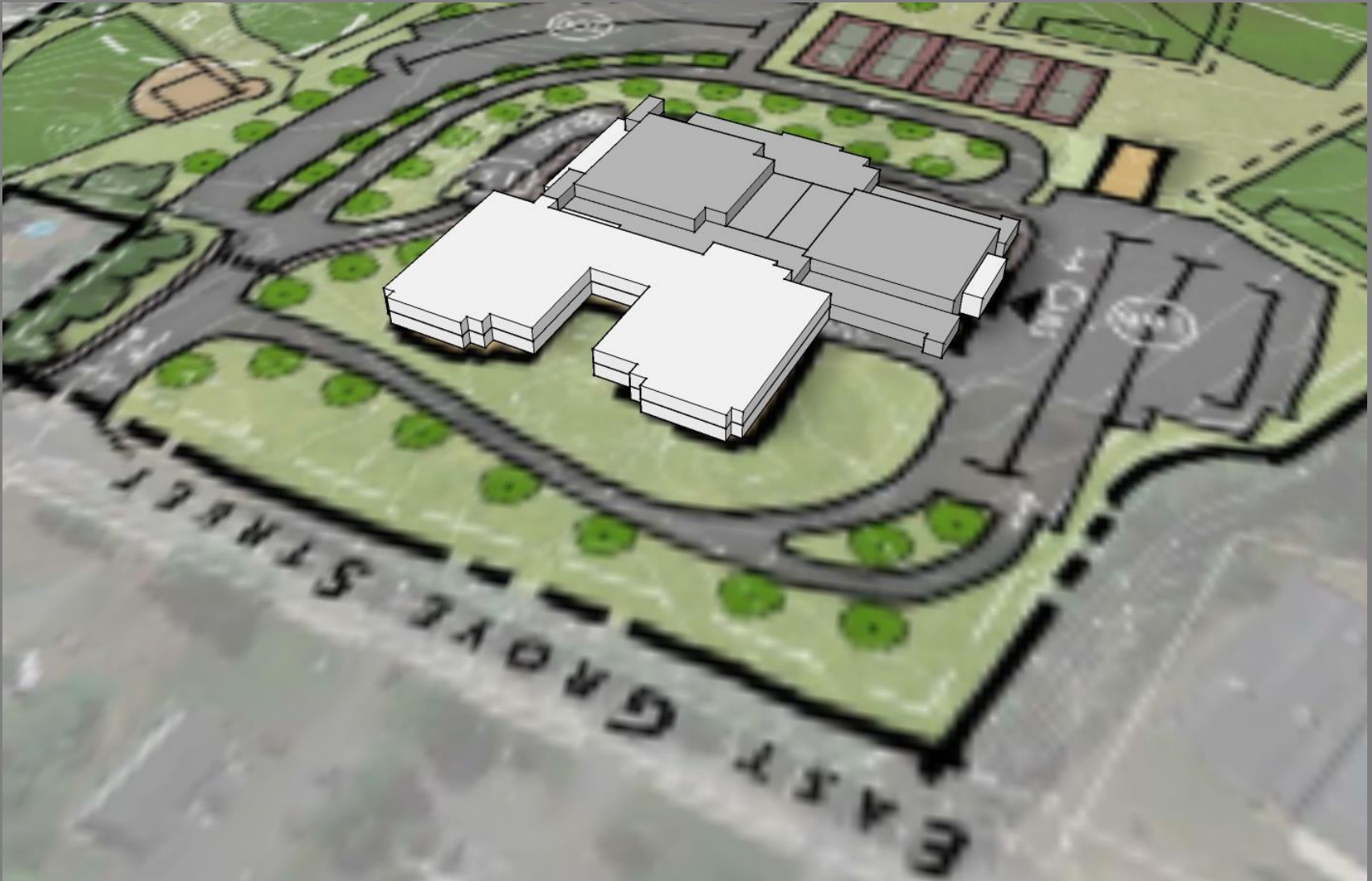


ADDITION/RENOVATION OPTION A1:
UPPER LEVEL FLOOR PLAN

SCALE: 1"=40'
Progress 1-25-17

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Addition/Renovation Option A1



MIDDLEBOROUGH HIGH SCHOOL

New Construction Option A



Advantages

1. Best Visibility from East Grove Street of the New Construction Options.
2. Separate Entries for Car and Bus-Drop Off converge into a common lobby – Good for security.
3. Optimal Conformance of Floor Plans to Educational Needs.
4. Efficiency of Floor Plan is economical and requires less Gross Area to meet need.
5. Energy efficiency will be maximized due to all “new” building envelope with superior insulative value.

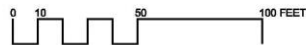
Disadvantages

1. Parking proximity to Multi-Purpose field is not ideal. Short walking distance from Northwest Parking area to Events.
2. Proximity of New Construction to Existing Building will be a Constructability challenge and have more impact on Owner while site is co-occupied.

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New Construction Option A

- LEGEND**
- CORE ACADEMIC
 - TEACHER PLANNING
 - SPECIAL EDUCATION
 - ART & MUSIC
 - VOCATIONAL/TECHNOLOGY
 - HEALTH & PHYSICAL EDUCATION
 - AUDITORIUM & DRAMA
 - MEDIA CENTER
 - DINING AND FOOD SERVICES
 - MEDICAL
 - ADMINISTRATION AND GUIDANCE
 - CUSTODIAL/MAINTENANCE
 - SUPPORT/SERVICES
 - CIRCULATION



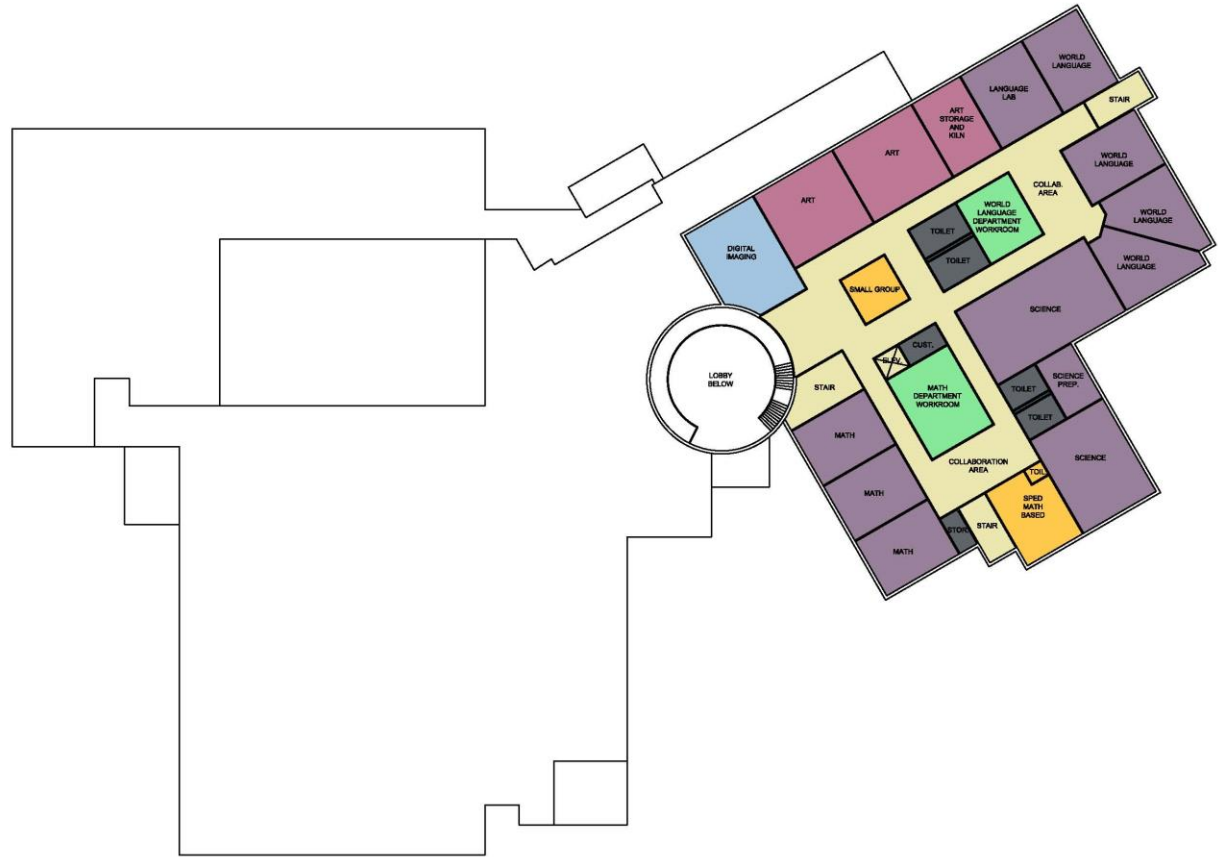
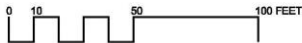
**NEW CONSTRUCTION
OPTION A:
SECOND FLOOR PLAN**

**PROGRESS 2-14-17
SCALE: 1"=40'**

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New Construction Option A

- LEGEND**
- CORE ACADEMIC
 - TEACHER PLANNING
 - SPECIAL EDUCATION
 - ART & MUSIC
 - VOCATIONAL/TECHNOLOGY
 - HEALTH & PHYSICAL EDUCATION
 - AUDITORIUM & DRAMA
 - MEDIA CENTER
 - DINING AND FOOD SERVICES
 - MEDICAL
 - ADMINISTRATION AND GUIDANCE
 - CUSTODIAL/MAINTENANCE
 - SUPPORT/SERVICES
 - CIRCULATION



NEW CONSTRUCTION
OPTION A:
THIRD FLOOR PLAN

PROGRESS 2-14-17
SCALE: 1"=40'

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New Construction Option A



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New Construction Option B



Advantages

1. Parking proximity to Multi-Purpose field is ideal.
2. Proximity of New Construction to Existing Building is Optimal, having least impact on Owner's operations while site is co-occupied.
3. Separate Entries for Car and Bus-Drop Off converge into a common lobby – Good for security.
4. Optimal Conformance of Floor Plans to Educational Needs.
5. Efficiency of Floor Plan is economical and requires less Gross Area to meet need.
6. Energy efficiency will be maximized due to all "new" building envelope with superior insulative value.

Disadvantages

1. Less Visibility from East Grove Street of the New Construction Options.
2. Approach to Building along long axis is awkward, with only tangential views of entrance.
3. Leveling for Field along East Grove Street will be costly.

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New Construction Option B



NEW CONSTRUCTION OPTION B:
FIRST FLOOR PLAN

PROGRESS 2-14-17
SCALE: 1"=40'

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New Construction Option B



NEW CONSTRUCTION OPTION B:
SECOND FLOOR PLAN

PROGRESS 2-14-17
SCALE: 1"=40'

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New Construction Option B



NEW CONSTRUCTION OPTION B:
THIRD FLOOR PLAN

PROGRESS 2-14-17
SCALE: 1"=40'

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New Construction Option B



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Addition/Renovation Options A & A1



A



A1

New Construction Options A & B



A



B

2/15/2017

Community Forum #3

Breakout Sessions

“CONTAINERS”

buildings, systems, and infrastructure

“CONTENTS”

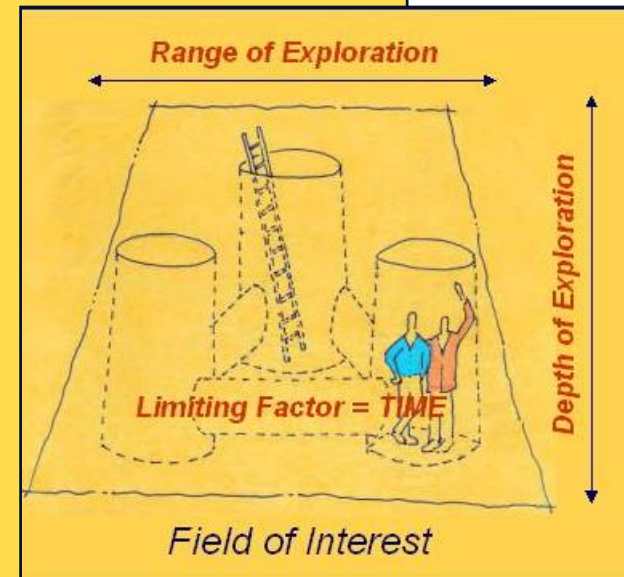
programs, activities, & services

“CONTOURS”

site, athletic programs, parking and circulation

“CHILDREN & STUDENTS”

young-users of the school facilities




WELCOME





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architecture • planning • interior design

NOTES:

Why? ...

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Middleborough, Massachusetts

