Community Forum No.5
March 03, 2016
Feasibility Study

Bourne Elementary Schools
Community Workshop

PROJECT MANAGEMENT SMMA
Massachusetts School Building Authority

Flansburgh Architects

Agenda

- Introductions
- MSBA Process
- Project Schedule
- Defining the Need
- Design Options
- Preliminary Costs
- Community Discussion
- Next Steps
- Questions

School Building Committee

James L. Potter	Chairman, School Building Committee
Christopher Hyldburg	Chairman, School Committee
Steven M. Lamarche	Superintendent of Schools, BPS
Peter J. Meier	Board of Selectmen
Edward S. Donoghue	Director of Business Services, BPS
Thomas M. Guerino	Town Administrator
Jonathan Nelson	Director of Facilities, Town of Bourne
Elizabeth Carpenito	Prinicipal, Bournedale Elementary School
Kathy Anderson	Member, School Building Committee
Mary Jo Coggeshall	Member, School Building Committee
Rick Howe	Member, School Building Committee
Richard A. Lavoie	Member, Finance Committee
William Meier	Member, School Building Committee
Natasha Scarpato	Member, School Building Committee
Mitch McClain	Bourne School Committee

Design Team

Kent Kovacs	Flansburgh Architects
Betsy Garcia	Flansburgh Architects
David Stephen	New Vista

Owner's Project Manager

Joel Seeley	Symmes, Maini & McKee

Community Forum Engagement

PDP Phase:

Forum No.1

- Learn About 21st C Education
- Share Your Thoughts
- Shape Your Town's Future

Forum No.2

- Learn About MSBA Process
- Existing Conditions Review
- Educational Visioning Recap

Forum No.3

- Review 7 Design Alternatives
- Discuss Budget and Schedule
- Share Your Thoughts

PSR Phase:

Forum No.4

- Review 4 Selected Options
- MSBA Update
- Share Your Thoughts

Forum No.5

- Discuss Selected Designs
- Community-Wide Survey
- MSBA Update

Forum No.6 (3/31/2016)

- Review Survey Results
- Budget and Schedule Update
- Share Your Thoughts

MSBA Process

- **MSBA** is an independent public authority that administers and funds a program for grants to eligible cities, towns, and regional school districts for school construction and renovation projects.

- **MSBA** mandates a multi-step rigorous study and approval process

- **MSBA** will fund **43.84%** plus incentives of eligible project cost for an approved project if accepted by the voters of Bourne

MSBA Process

Submitted to MSBA 12/18/2015

- Existing Conditions
- Visioning
- Programming
- Preliminary options

PDP
Preliminary Design Program

Submit to MSBA 4/08/2016

- Refine top options
- Options detailed
- Cost Estimates

PSR
Preliminary Schematic Report

MSBA Board Approval 05/25/2016

Submit to MSBA 8/4/2016

- Develop selected option
- Consensus

Schematic Design

MSBA Board Approval 09/28/2016

Local Funding Approval

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Local Funding Approval

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Revised: February 24, 2016

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PEEBLES ELEMENTARY SCHOOL
PROJECT SCHEDULE

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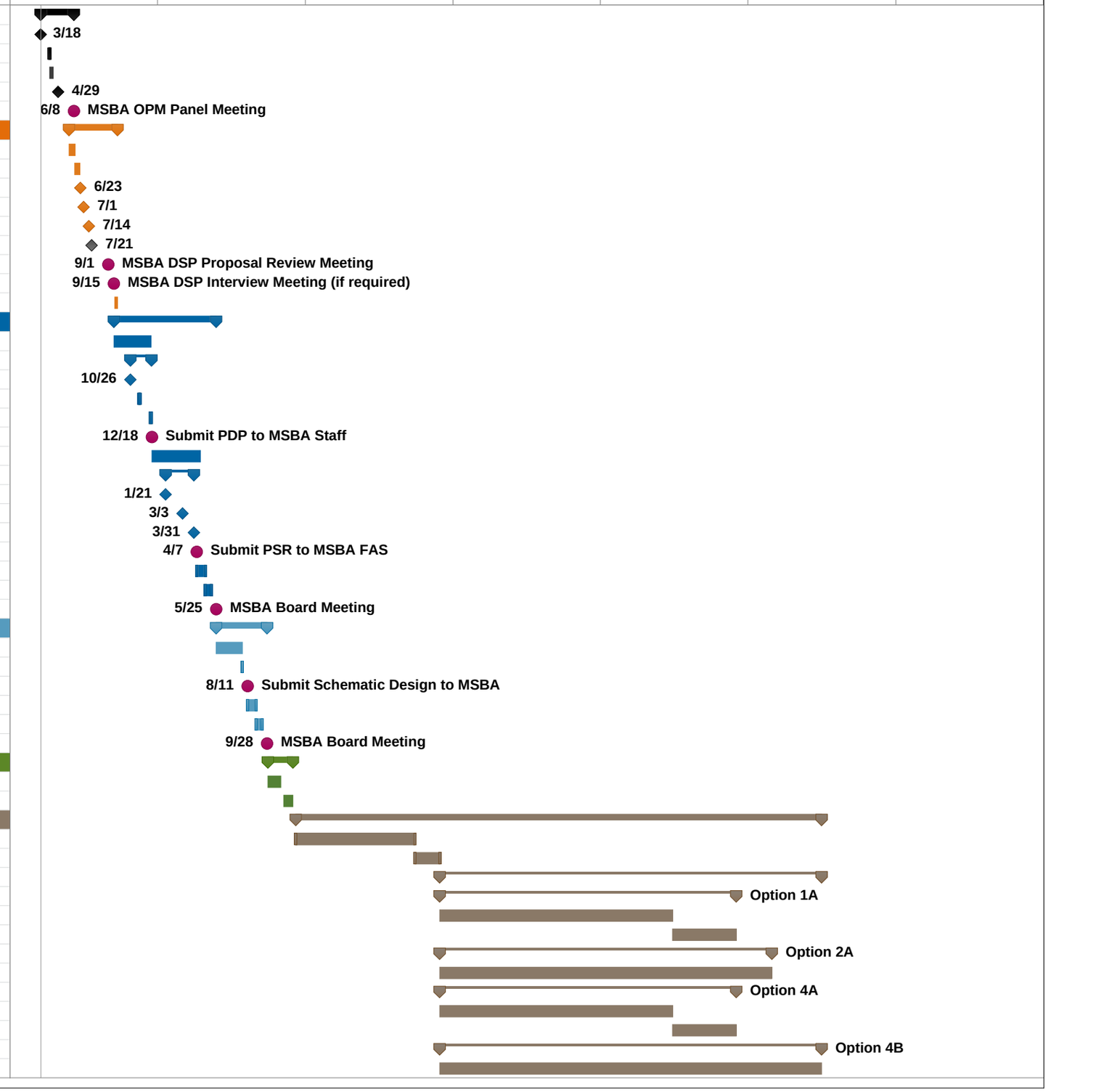

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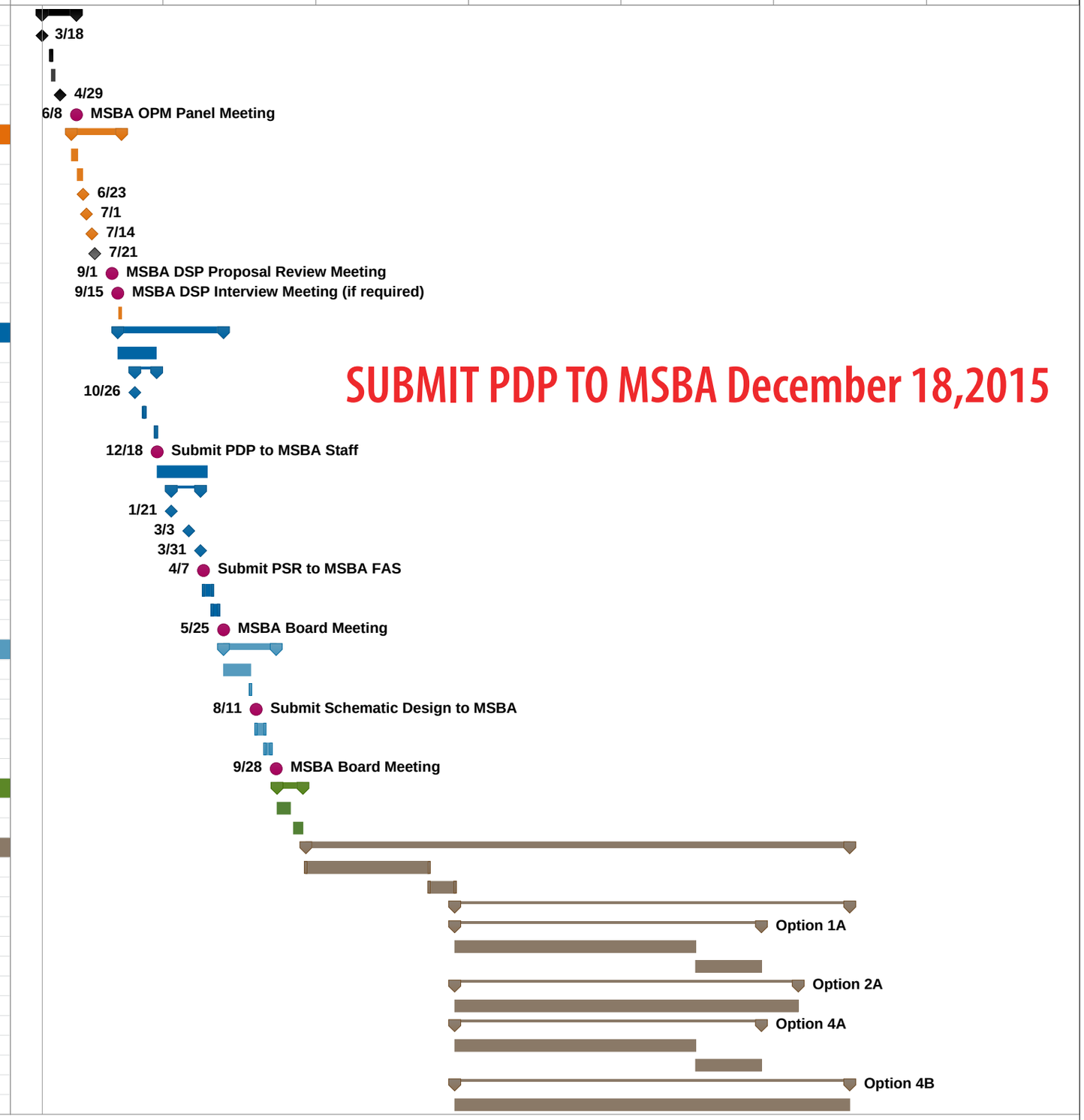

SUBMIT PDP TO MSBA December 18,2015

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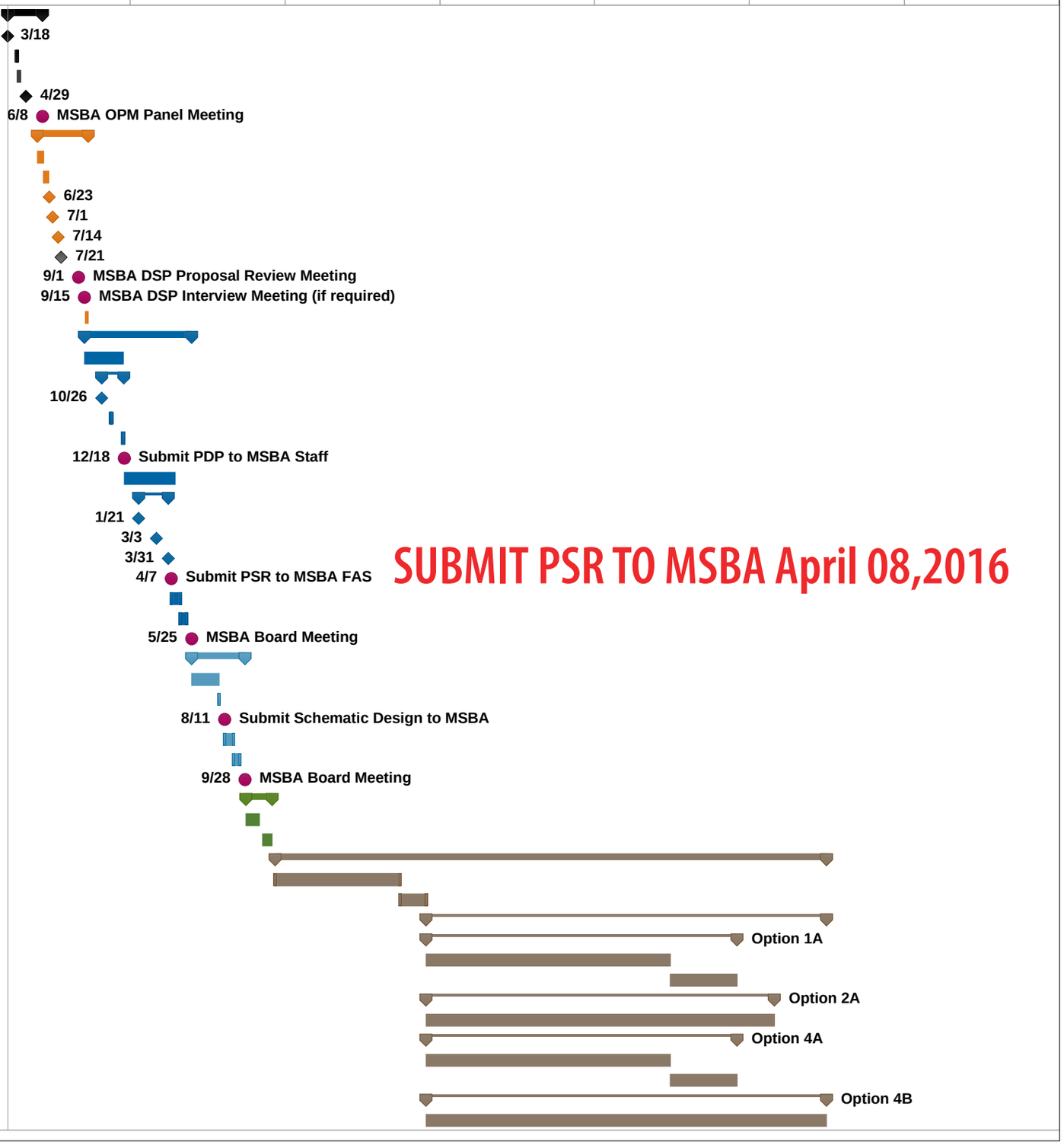

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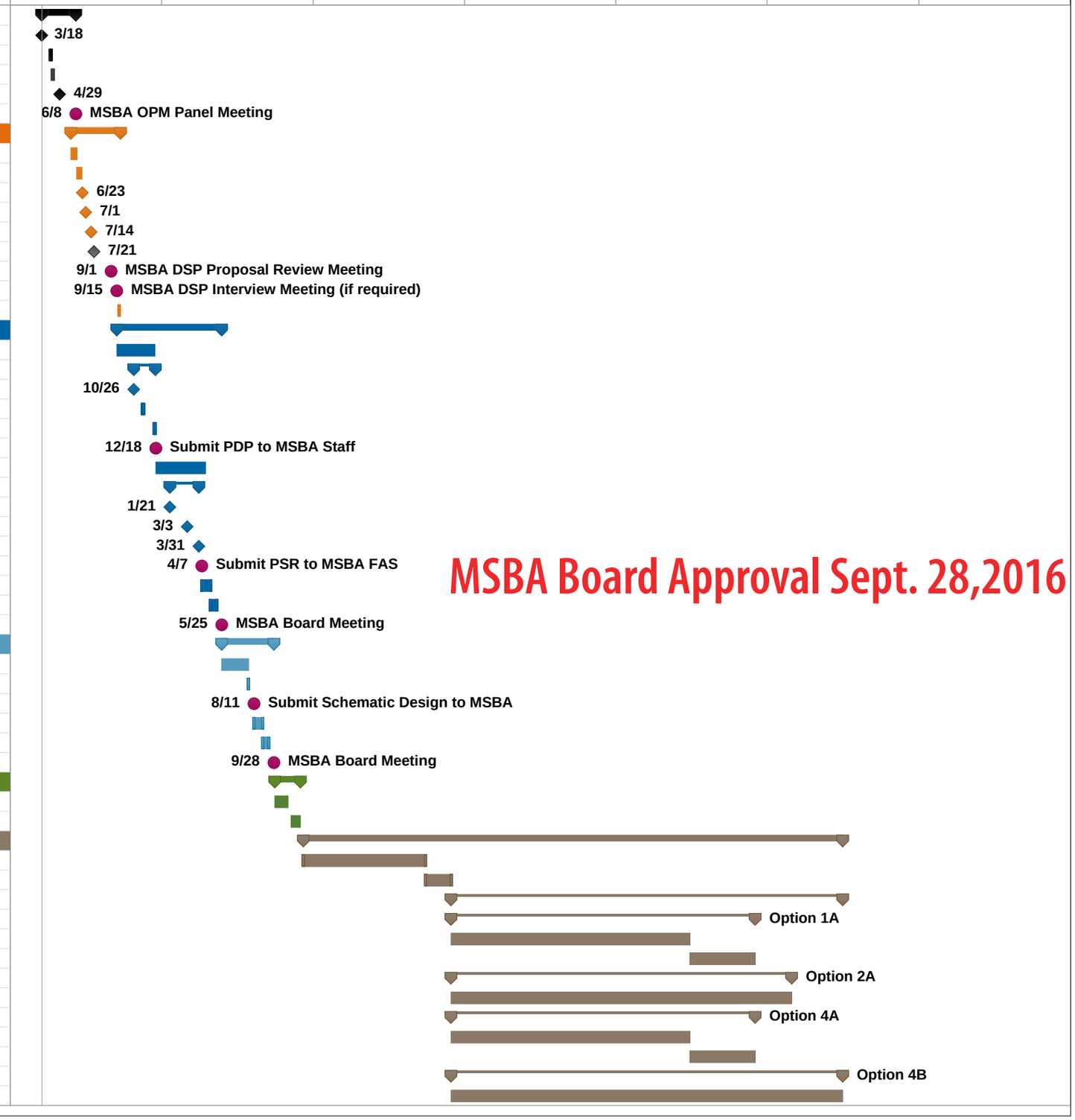

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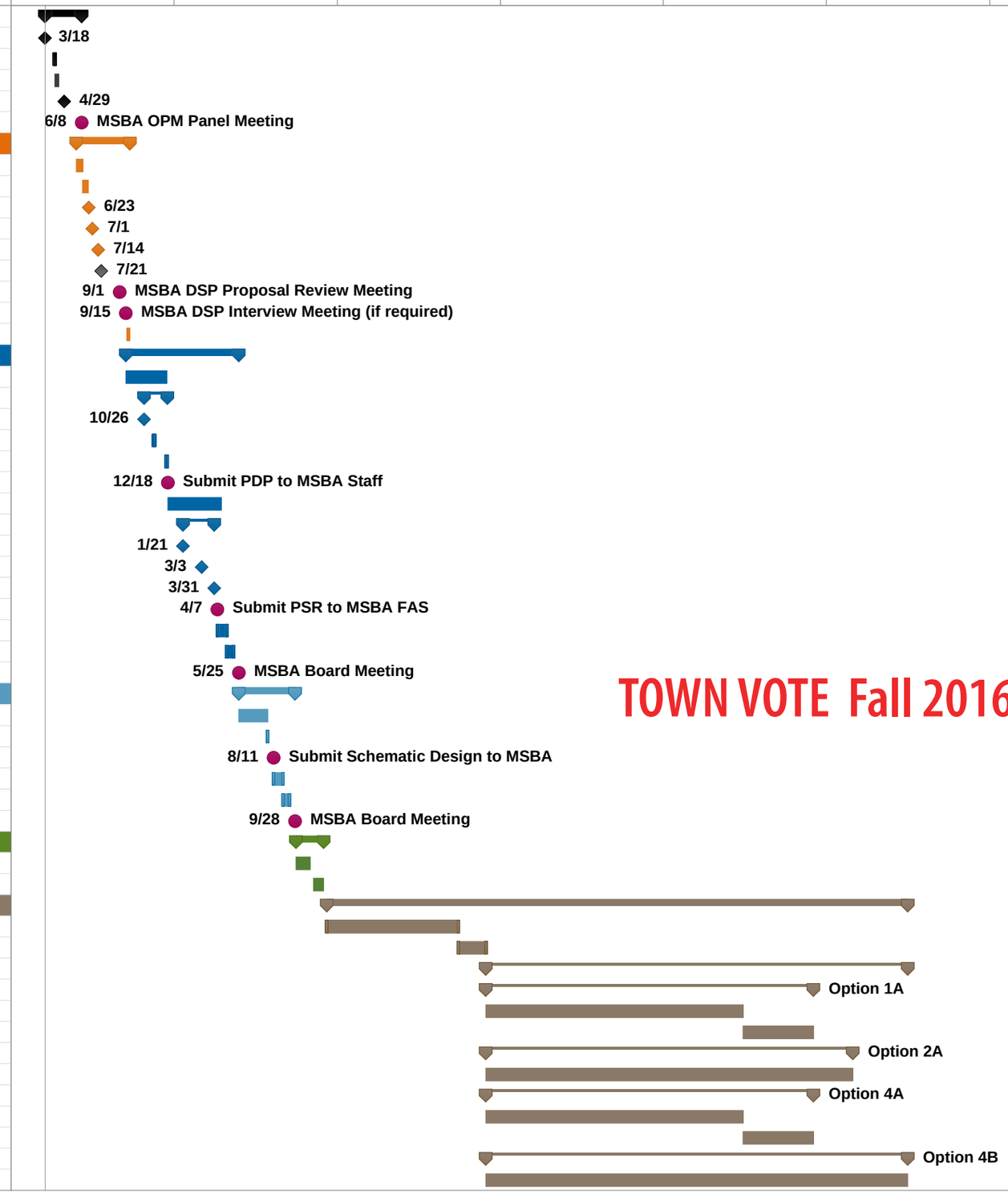
10	Submit to Central Register	0 days	6/23/2015	6/23/2015
11	Notice in Central Register	0 days	7/1/2015	7/1/2015
12	Briefing Session	0 days	7/14/2015	7/14/2015
13	Submit Designer Proposals	0 days	7/21/2015	7/21/2015
14	**MSBA DSP Proposal Review Meeting**	**0 days**	**9/1/2015**	**9/1/2015**
15	**MSBA DSP Interview Meeting (if required)**	**0 days**	**9/15/2015**	**9/15/2015**
16	Negotiate Designer Contract	5 days	9/17/2015	9/23/2015
17	**FEASIBILITY STUDY (FS)**	**178 days**	**9/15/2015**	**5/25/2016**
18	Develop Preliminary Design Program (PDP)	65 days	9/15/2015	12/15/2015
19	**Community Presentations**	37 days	10/26/2015	12/16/2015
20	Community Forum 1: Visioning	0 days	10/26/2015	10/26/2015
21	Community Forum 2: Existing Conditions	3 days	11/16/2015	11/18/2015
22	Community Forum 3: Options	3 days	12/14/2015	12/16/2015
23	**Submit PDP to MSBA Staff**	**0 days**	**12/18/2015**	**12/18/2015**
24	Develop Preferred Schematic Report (PSR)	84 days	12/18/2015	4/15/2016
25	**Community Presentations**	**50 days**	**1/21/2016**	**3/31/2016**
26	Community Forum 1	0 days	1/21/2016	1/21/2016
27	Community Forum 2	0 days	3/3/2016	3/3/2016
28	Community Forum 3	0 days	3/31/2016	3/31/2016
29	**Submit PSR to MSBA FAS**	**0 days**	**4/7/2016**	**4/7/2016**
30	MSBA Comments	16 days	4/7/2016	4/28/2016
31	Respond to MSBA Comments	11 days	4/28/2016	5/12/2016
32	**MSBA Board Meeting**	**0 days**	**5/25/2016**	**5/25/2016**
33	**SCHEMATIC DESIGN (SD)**	**90 days**	**5/25/2016**	**9/28/2016**
34	Develop Schematic Design	47 days	5/25/2016	7/28/2016
35	Submit Final Budget to MSBA	1 day	7/28/2016	7/28/2016
36	**Submit Schematic Design to MSBA**	**0 days**	**8/11/2016**	**8/11/2016**
37	MSBA Comments	15 days	8/11/2016	8/31/2016
38	Respond to MSBA Comments	11 days	9/1/2016	9/15/2016
39	**MSBA Board Meeting**	**0 days**	**9/28/2016**	**9/28/2016**
40	**LOCAL VOTES**	**44 days**	**9/30/2016**	**11/30/2016**
41	Local Voting	22 days	9/30/2016	10/31/2016
42	Debt Exclusion Votes	17 days	11/8/2016	11/30/2016
43	**DESIGN AND CONSTRUCTION (TBD)**	**929 days**	**12/8/2016**	**6/30/2020**
44	Design Documentation	211 days	12/8/2016	9/28/2017
45	Bidding and Award	44 days	9/29/2017	11/29/2017
46	**Construction**	**675 days**	**11/29/2017**	**6/30/2020**
47	**Option 1A**	**524 days**	**11/29/2017**	**12/2/2019**
48	Building	413 days	11/29/2017	6/28/2019
49	Demo / Site Work	112 days	6/28/2019	12/2/2019
50	**Option 2A**	**588 days**	**11/29/2017**	**2/28/2020**
51	Phased Renovation and Additions	588 days	11/29/2017	2/28/2020
52	**Option 4A**	**524 days**	**11/29/2017**	**12/2/2019**
53	Building	413 days	11/29/2017	6/28/2019
54	Demo / Site Work	112 days	6/28/2019	12/2/2019
55	**Option 4B**	**675 days**	**11/29/2017**	**6/30/2020**
56	Phased Renovation and Additions	675 days	11/29/2017	6/30/2020



TOWN VOTE Fall 2016

Completed Milestones

- January 09, 2012 - Bourne submits SOI to MSBA
- December 16, 2014 - MSBA Approves Student Enrollment
- February 11, 2015 - MSBA Executes Feasibility Agreement
- June 08, 2015 - Town retains Owner's Project Manager (OPM)
- September 22, 2015 - Town retains Architect
- October 17, 2015 - Community Forum No.1
- November 17, 2015 - Community Forum No. 2
- December 08, 2015 - Community Forum No. 3
- December 18, 2015 - PDP Submitted to the MSBA
- January 21, 2016 - Community Forum No. 4

Completed Tasks

- Educational Program
- Visioning Program
- Space Summary Spreadsheets
- Building Evaluation
- Structural Evaluation
- MEP Evaluation
- Hazardous Materials Inspection
- Phase 1 Environmental Assessment
- Site Evaluation
- Traffic Evaluation
- Options Development
- Comparison Matrix
- Cost Analysis
- Options Evaluation
- Design Alternatives reduced from 7 to 4
- PDP Report Submitted to the MSBA
- Responded to MSBA Comments on PDP
- Refined 4 PSR Options
- Evaluated MSBA Reimbursement on the 4 PSR Options

Defining the Need

Defining the NEED

- Provide a long term solution to resolve the existing deteriorating school
- Provide educational spaces that meet the MSBA state standards
- Update the school to meet the “Visioning” workshop goals
- Provide 21st Century Educational spaces
- Provide a school that is safe, code compliant, and a place Bourne can be proud of

Defining the NEED - Existing Conditions

Peebles Elementary School

Year Built: 1953,1959 ***(62 yrs. old)***

Site Poor drainage, traffic, and HC accessibility

Exterior Cracks, leaks, and lack of insulation

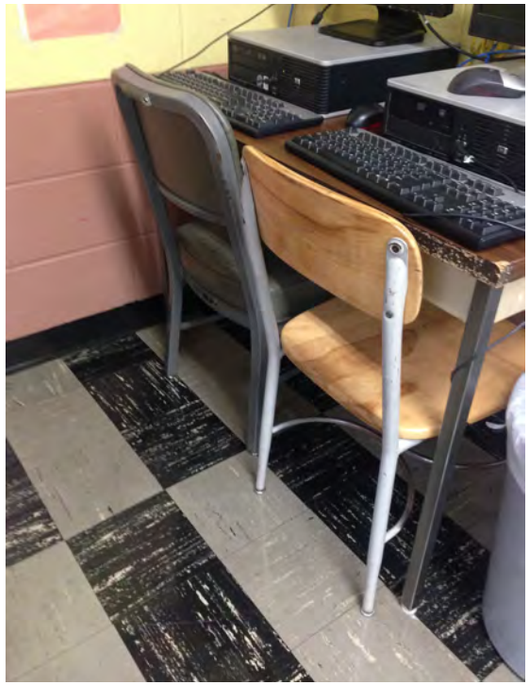
Interior Worn out, broken, and needs replacement

MEP systems Antiquated, inefficient, & poor temperature control

Cafeteria Unit Ventilator

Vinyl Siding at Spandrel

Storage



Furniture

Defining the NEED - Existing Conditions

Bournedale Elementary School_

Year Built: 2009 ***(7 yrs. old)***

Site Good site circulation and proper drainage

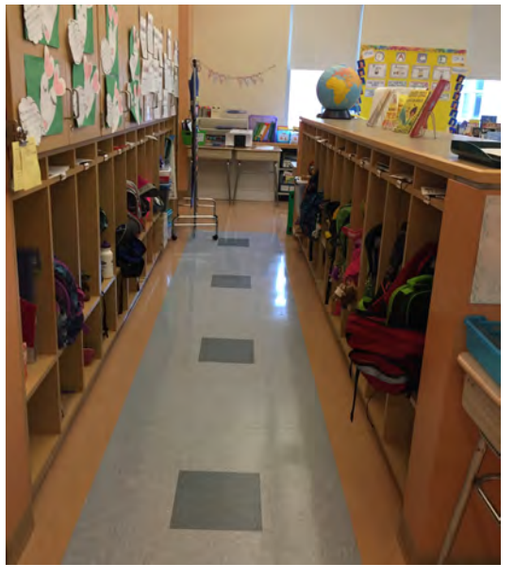
Exterior Exterior envelope is in good condition. Leaks at roof to wall intersection

Interior Finishes are in good condition. Acoustics need to be inproved in limited spaces

MEP systems Systems are functioning properly and have continued life expectancy

Window Sills

Roofing



Cubbies

Defining the NEED - Visioning and 21st Century Learning

1. **Community Connected**
   - A Place You Want to Be
   - Future Orientation with Connections to Tradition
   - Community Access

2. **Purposefully Innovative & Creative**
   - Visible Learning
   - Flexible and Adaptable Learning Environments

3. **Collaborative & Interconnected**
   - Learning Communities

4. **Connections to 21st-Century Learning**
   - Inquiry-Based Learning
   - Teacher as Designer

Defining the NEED - Meeting State Standards?

- The Existing Peebles Elementary School does not meet the state standards for space requirements in *Special Education, Physical Education, Library, Administration, Guidance, Arts,* and *Music*

- The Existing Bournedale School does not meet the state standards for space requirements in *Special Education* and *Physical Education*

Design Options

MSBA Study Scope

Option 1

Grades
K to 4

Neighborhood Elementary School

250 students

Option 2

Grades
PreK to 4

District-wide Elementary School

725 students

Option 3

Grades
PreK to 5

District-wide Elementary School

885 students

Option 4

Grades
K to 5

Neighborhood Elem. School with District-wide 5th grade

410 students

MSBA Study Scope

Option 1

Grades
K to 4

Neighborhood Elementary School

250 students

Option 2

Grades
PreK to 4

District-wide Elementary School

725 students

Option 3

Grades
PreK to 5

ELIMATED DUE TO SCHOOL SIZE AND SITE RESTRICTIONS

885 students

Option 4

Grades
K to 5

Neighborhood Elem. School with District-wide 5th grade

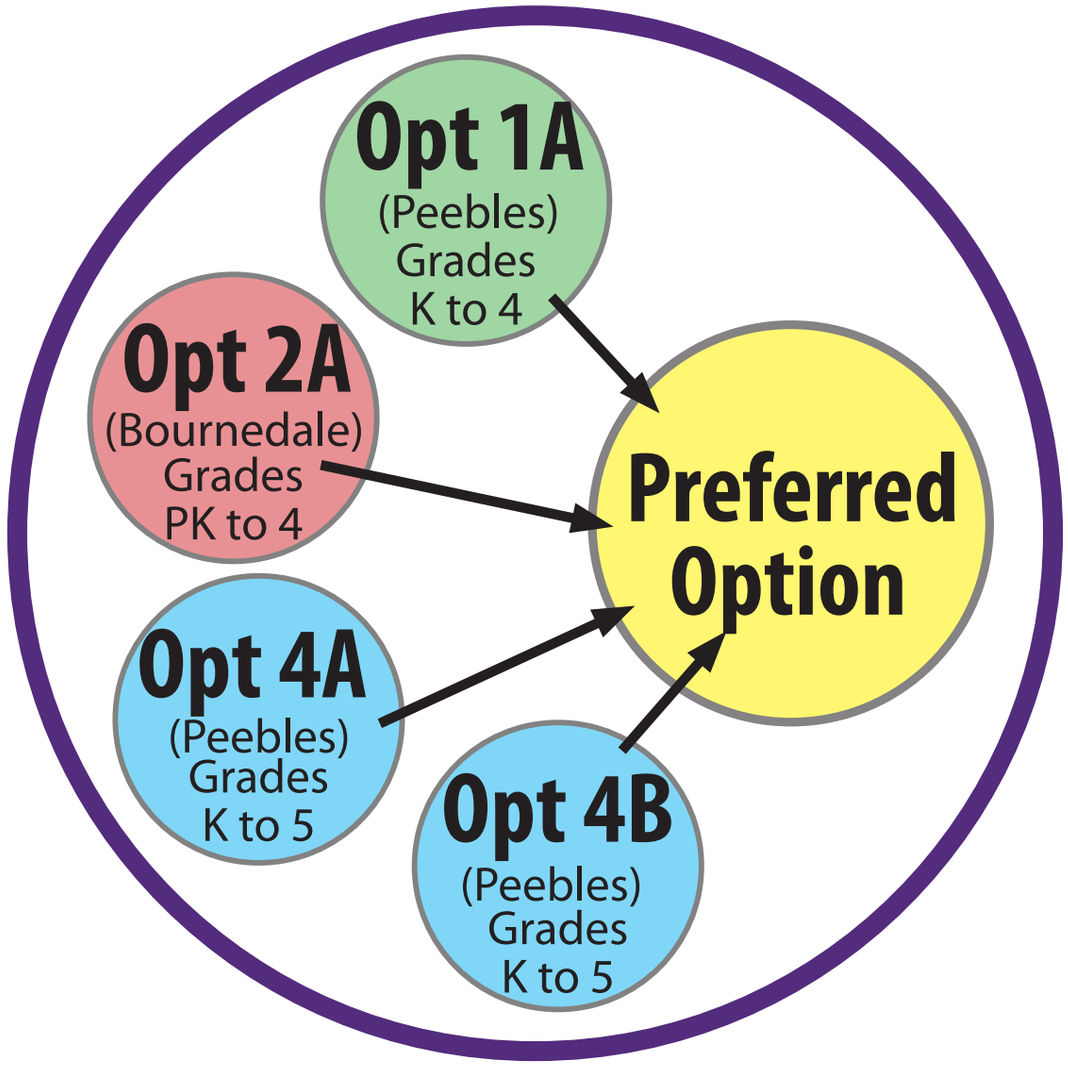
410 students

Design Selection Process

7 options to 4 (PDP phase)

- 7 original options plus “Base Repair” option were evaluated
- Matrix of evaluation criteria developed to compare options and costs
- Advantages and Disadvantages were discussed at Community Workshops and School Building Committee meetings
- Two options were eliminated for being too large and restrictive on the existing site
- One option was eliminated for the disruption to students during construction and compatibility with visioning goals
- This leaves 4 options; 1A (K-4), 2A (PK-4), 4A (K-5), and 4B (PK-5)

4 options to 1 (PSR phase)



Design Selection Process - Evaluation Matrix

Evaluation Criteria	
1	Size of School
2	Grade Separation Issues
3	Reinforces Campus Feel
4	Opportunity for Collaboration & Mentoring
5	District-wide Culture and Advantages
6	Traffic Impact
7	Separation of Community / Academic Uses
8	Creation of Community Space
9	Limits Disruption to Students
10	Cost Effectiveness: Operation / Construction
11	Maximum Building Efficiency
12	Least Environmental Impact
13	Most Beneficial Construction Schedule
14	Best Site Option for Neighborhood Schools
15	Adequate Play & Parking Areas
16	Continued Use of Athletic Resources
17	Maximum Score for NE-CHPS / LEED
18	Best Space Adjacencies
19	Best Separation of Parent / Bus / Service Circulation
20	Resolves Geographic Separation by Canal
21	Centralized Elementary Resources
22	Centralized Campus Resources
23	Advantages to Middle School
24	Maximize MSBA Reimbursement

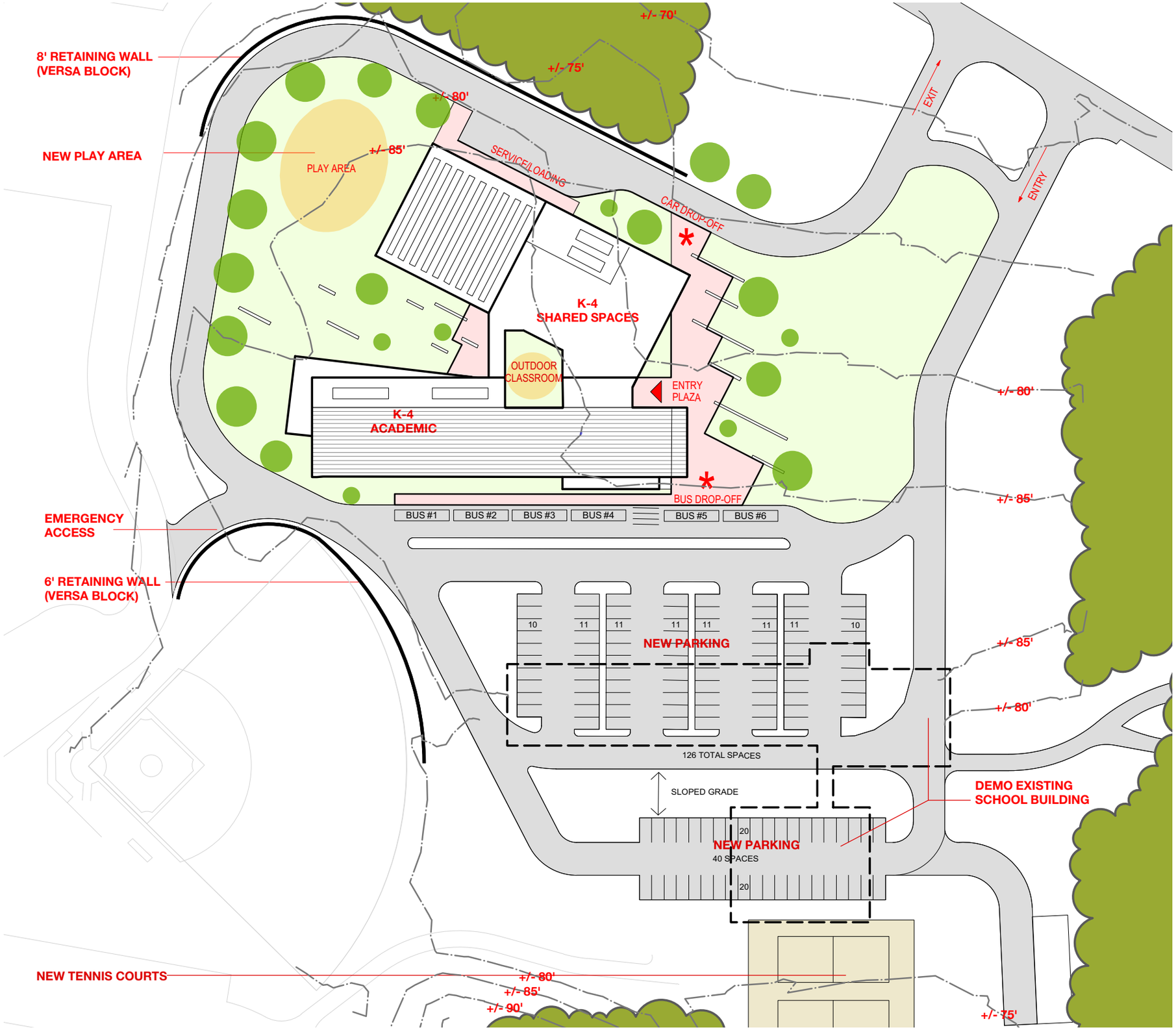
	Total Score by Option*						
Committee Member	Option 1A (250 Students)	Option 1G (250 Students)	Option 2A (725 Students)	Option 3A (885 Students)	Option 3B (885 Students)	Option 4A (410 Students)	Option 4B (410 Students)
Natasha Scarpato	39	24	44	38	38	57	41
Mary Jo Coggleshall	47	24	45	40	40	61	49
Janey Norton	58	50	44	41	44	65	46
Elizabeth Carpenito	48	24	65	48	41	65	54
Steven Lamarche	50	41	47	45	45	58	48
Frederick Howe	33	30	43	40	40	54	43
James Potter	54	42	57	54	56	55	42
Edward Donoghue	49	41	41	40	42	54	47
Richard Lavoie	53	24	50	43	43	56	24
William Meier	37	37	55	44	44	53	44
Jonathan Nelson	48	40	42	32	31	59	52
AVERAGE	**47**	**34**	**48**	**42**	**42**	**58**	**45**

Ranking:

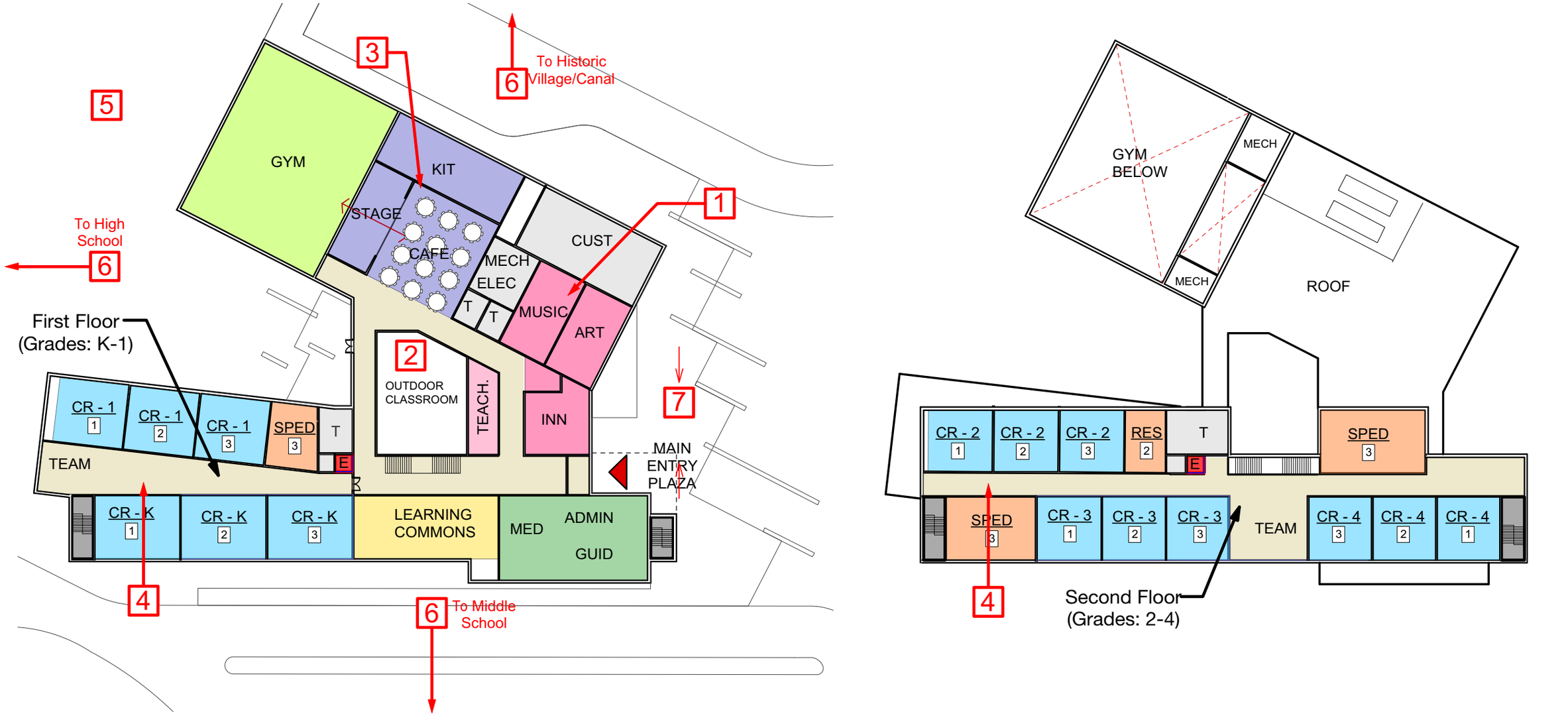
3 for most favorable
2 for acceptable
1 for least favorable

** Committee members ranked each of the 24 evaluation critera with a 3, 2, or 1 and totaled these rankings by option.*

Peebles New Construction Option 1A (250 students)



Peebles New Construction Option 1A (250 students)



FIRST FLOOR PLAN

KEY

1. Arts & Innovation Studio:
   -Grouped with Arts,Music,Makers Space & Learning Commons to promote collaboration, shared resources
2. Outdoor Classroom:
   - Limits distraction to academic classrooms
   -project area with water, power
3. Community:
   - Stage open to gym & cafe to support larger venue to support greater community events on this side of the canal
4. Academic:
   -Neighborhood collab/display
5. Play Area:
   -Adjacent to Gymnasium to limit distraction to academic classrooms
6. Campus Resource:
   - Adjacent to Middle School and High School,Historic Village, Canal
7. Entry Plaza connects separate car and bus zones

SECOND FLOOR PLAN

Peebles New Construction Option 1A (250 students)

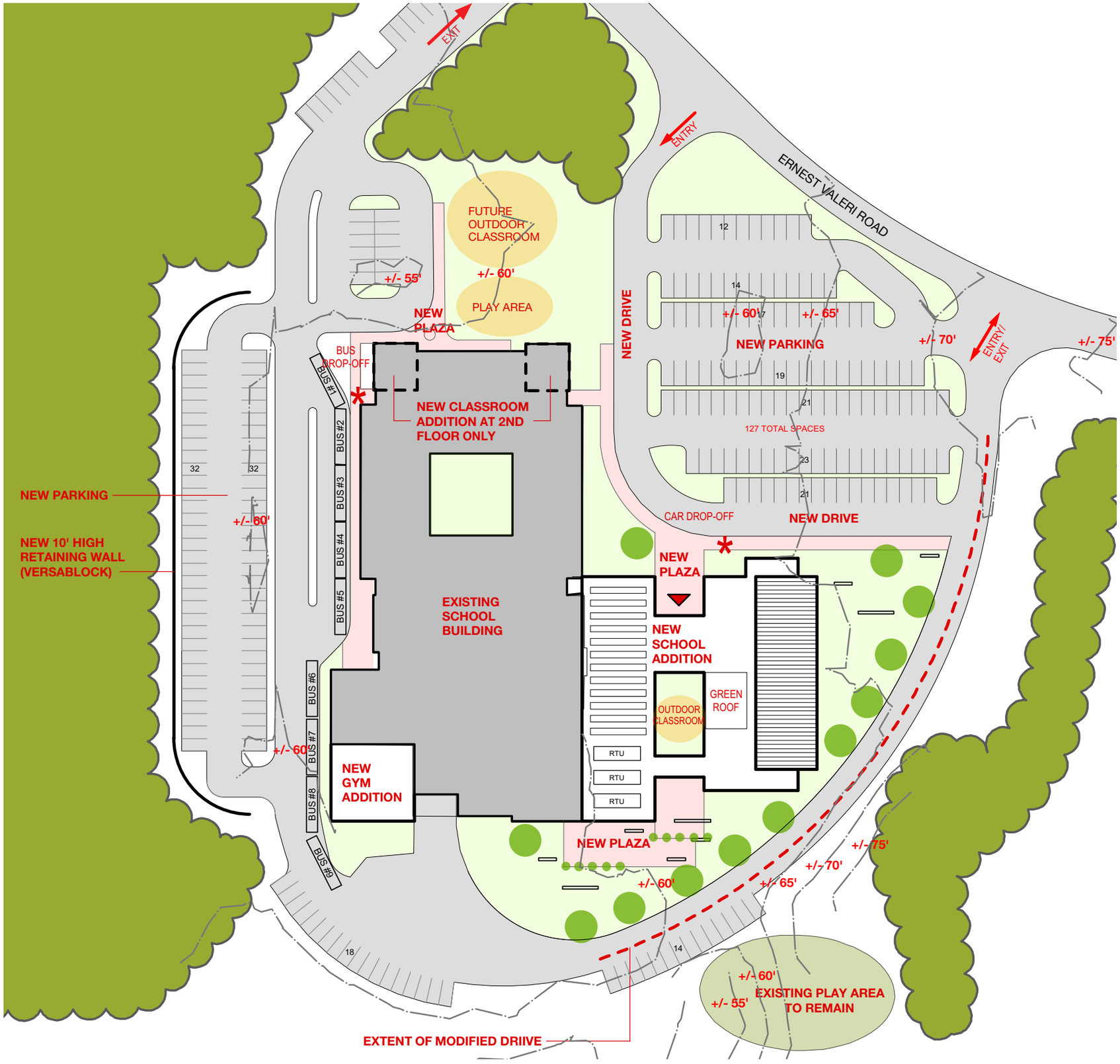
Pros:

- New Construction alternative with least disruption to students during construction
- Centralized resources as part of a campus
- Clear Articulation between Community and Academic wings; good community access
- Team Spaces promote interconnection
- Outdoor Classroom a beautiful, enclosed focal point for building; good access encourages use.
- Innovation Studio located along main axis; proximity to Art and to Media Center offers flexibility and opportunity for collaboration.
- New Construction provides flexibility in building and site design

Cons:

- Very small school
- Does not relocate 5th grade within elementary school setting
- High cost of a small school

Bournedale Addition / Renovation Option 2A (725 students)



Peebles Elementary School | Bourne, MA

Flansburgh Architects

Bournedale Addition / Renovation Option 2A (725 students)

FIRST FLOOR PLAN

SECOND FLOOR PLAN

KEY — New Addition: - - - - - -

1. Arts & Innovation Studio:
   -Grouped with Arts to promote collaboration, shared resources
   -Remote from Learning Commons
2. Outdoor Classroom:
   - Limits distraction to academic classrooms
   -project area with water, power
3. Community:
   -Larger venue to support greater community events

4A. Academic: Neighborhood collab/display
4B. Academic: Existing building limits opportunity for Team Areas
5. Play Area: Remote from gymnasium
6. Separate car and bus drop-off entry locations
7. Distinct academic neighborhood:
   Existing Wing: Pk-2, New Addition: 3-4

N

0' 25' 50'

Peebles Elementary School | Bourne, MA

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Bournedale Option 2A (725 students)

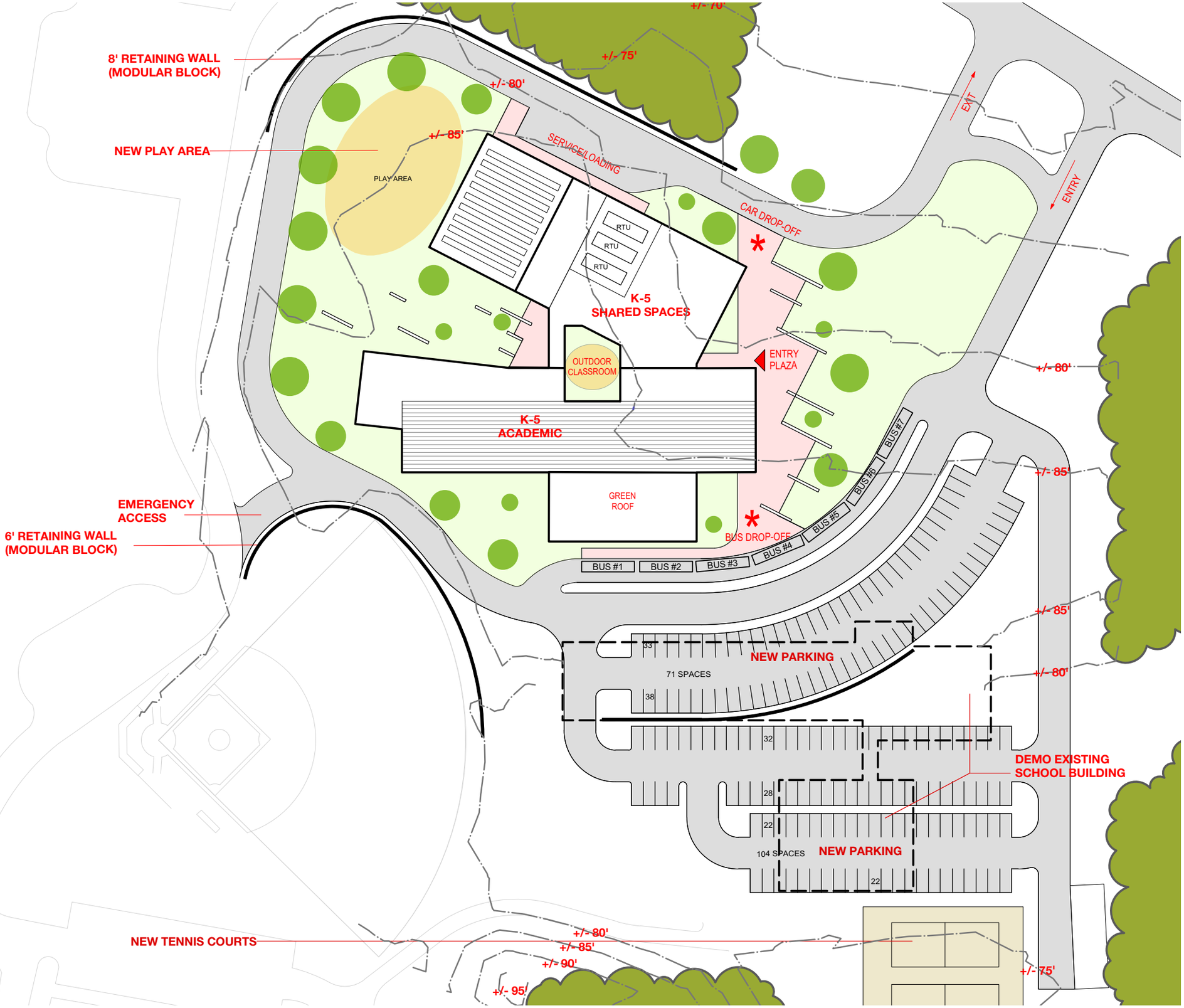
Pros:

- Consolidates K-4 grades and resources; creates equitable student experience
- Collaborative and interconnected learning communities
- Distinct academic communities for lower and upper grades
- Maintains existing structure and facility with minimal disruption to learning
- New entry lobby and courtyard provide buffer for noise and secure use of outdoor classroom
- The existing "newer" school that can be easily expanded

Cons:

- Large school
- Does not relocate 5th grade within elementary school
- Requires phasing, although minimal, with some disruption to students
- Loss of neighborhood school for Peebles families
- Creates empty Peebles building requiring significant upgrades for future use

Peebles New Construction Option 4A (410 students)

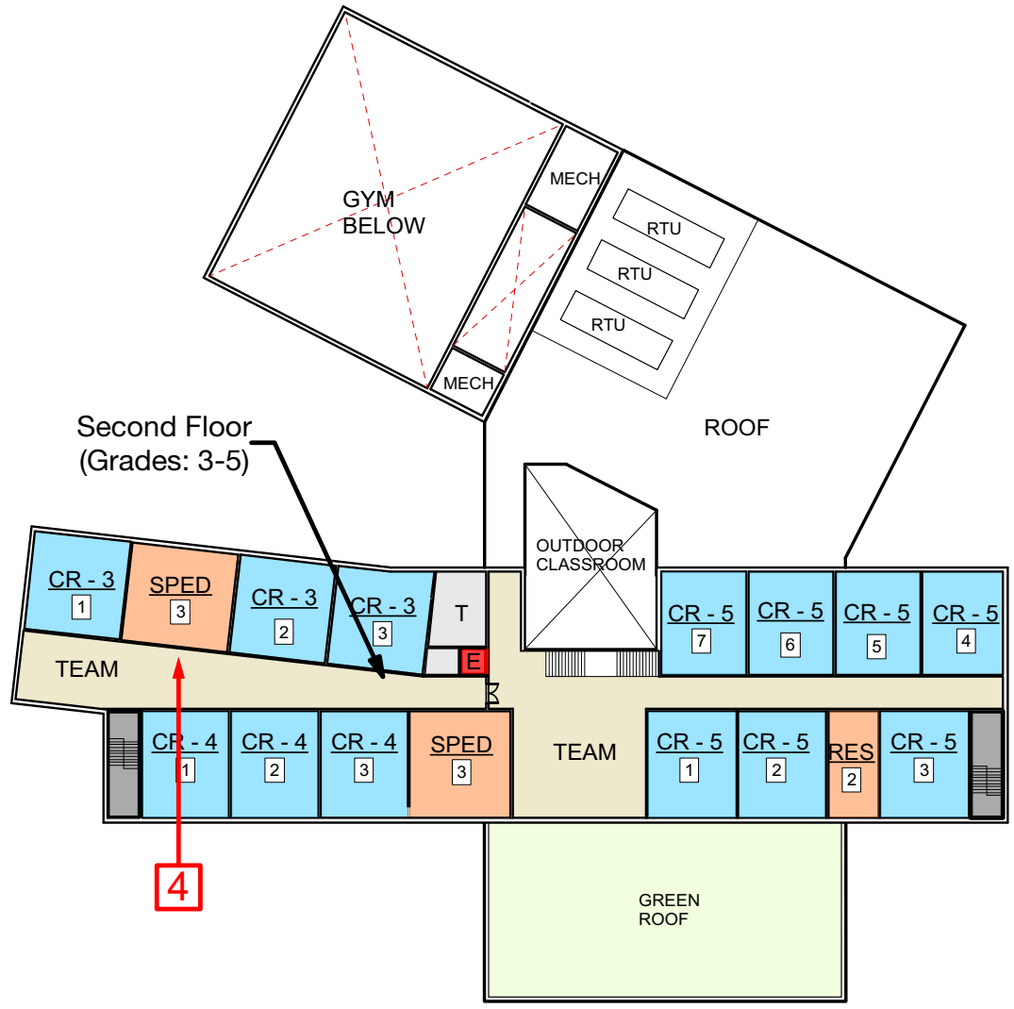


Peebles Elementary School | Bourne, MA

Flansburgh Architects

Peebles New Construction Option 4A (410 students)

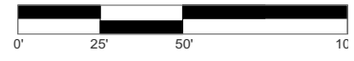
FIRST FLOOR PLAN



SECOND FLOOR PLAN

KEY

1. Arts & Innovation Studio:
   -Grouped with Arts,Music,Makers Space & Learning Commons to promote collaboration, shared resources
2. Outdoor Classroom:
   - Limits distraction to academic classrooms
   -project area with water, power
3. Community:
   - Stage open to gym & cafe to support larger venue to support greater community events on south side of the canal
4. Academic:
   -Neighborhood collab/display
5. Play Area:
   -Adjacent to Gymnasium to limit distraction to academic classrooms
6. Campus Resource:
   - Adjacent to Middle School and High School,Historic Village, Canal
7. Entry Plaza connects separate car and bus zones



Peebles Elementary School | Bourne, MA

Flansburgh Architects

Peebles New Construction Option 4A (410 students)

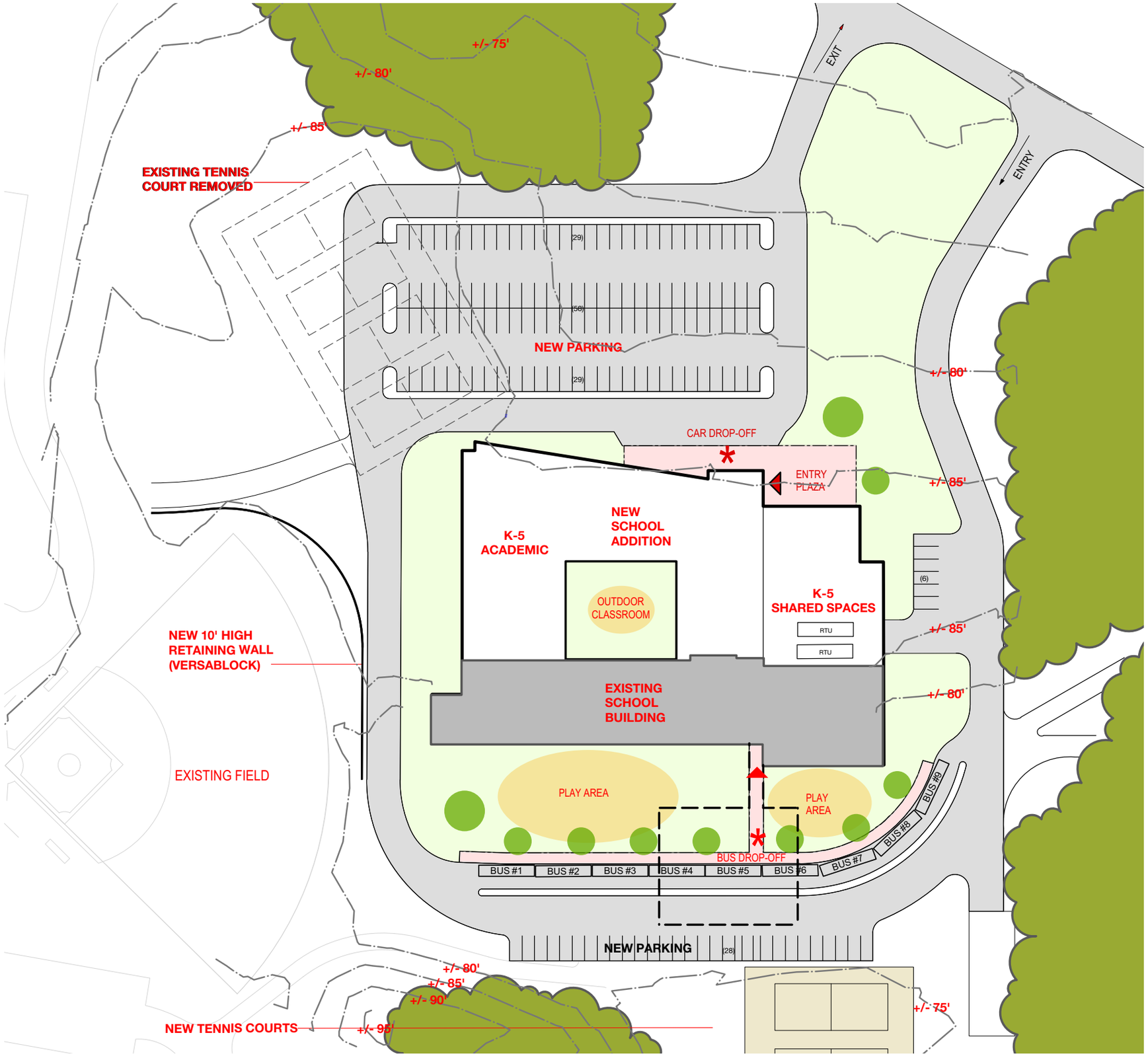
Pros:

- Maintains K-5 neighborhood school on Cape side of bridge and campus connectivity
- 5th grade as "leaders" in own wing in preparation for middle school
- Centralized resources as part of a campus
- New Construction alternative with least disruption to students during construction
- Clear Articulation between Community and Academic wings; good community access
- Team Spaces promote interconnection
- Outdoor Classroom a beautiful, enclosed focal point for building; good access encourages use.
- Innovation Studio located along main axis; proximity to Art and to Media Center offers flexibility and opportunity for collaboration.
- Well-located Special Education spaces, Admin, and Gym; Stage between Gym and Cafe offers flexibility
- New construction allows flexibility in building and site design

Cons:

- One-year transition for Bournedale 5th graders could be challenging
- Dynamics between K-4 students and 5th graders, with 5th grade representing 40% of population

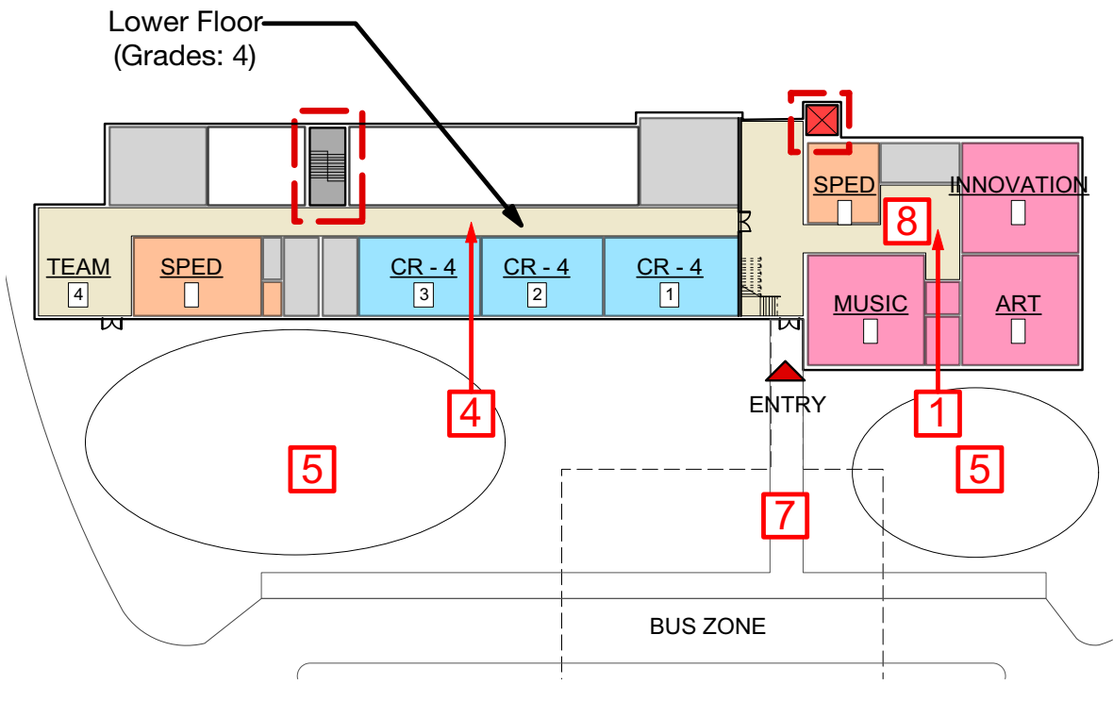
Peebles Addition / Renovation Option 4B (410 students)



Peebles Elementary School | Bourne, MA

Flansburgh Architects

Peebles Addition / Renovation Option 4B (410 students)

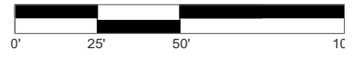


FIRST FLOOR PLAN

KEY — New Addition: - - - - - -

1. Arts & Innovation Studio:
   -Grouped with Arts,Music,Makers Space & Learning Commons to promote collaboration, shared resources (tucked away on lower level)
2. Outdoor Classroom:
   - Embedded within classroom wings may disrupt learning
3. Community:
   - Larger venue to support greater community events on this side of the canal
4. Academic: Neighborhood collab/display
   -Existing Bldg. has limited opportunity for larger Team Areas
5. Play Area: Remote from gymnasium
6. Campus Resource:
   - Adjacent to Middle School and High School, Historic Village,Canal
7. Separate car and bus drop-off entry locations
8. Potential noise concerns from proximity of gym to admin & Arts/Innovation area to Cafeteria Above

SECOND FLOOR PLAN



Peebles Elementary School | Bourne, MA

Flansburgh Architects

Peebles Addition / Renovation Option 4B (410 students)

Pros:

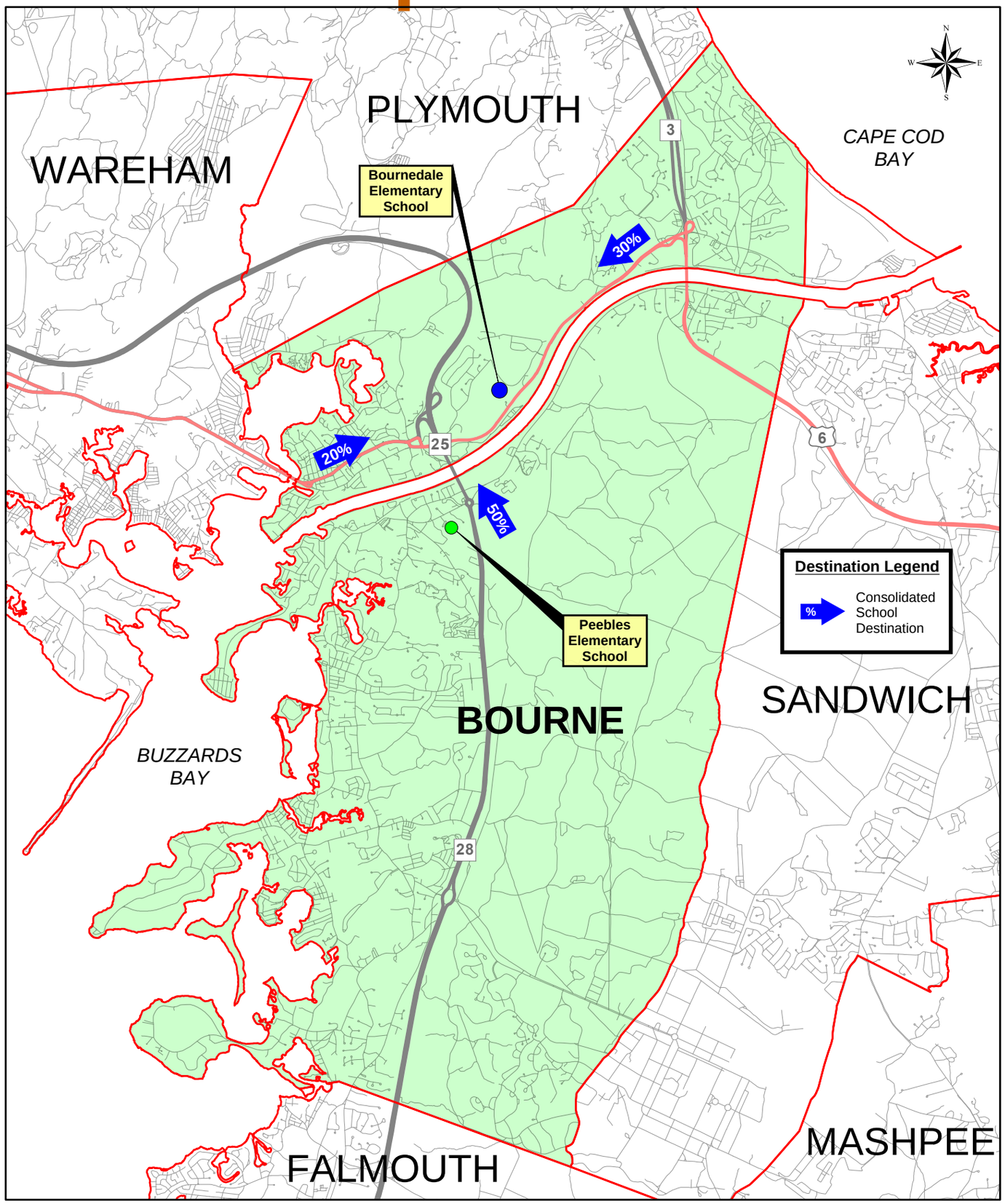
- Modernizes Peebles aesthetically and physically; provides new face of building
- Eliminates Annex, most deficient part of building
- Well-size courtyard provides secure outdoor access
- Main street connects community spaces
- Maintains clear articulation between Community and Academic Wings
- Reconstructed and safer parent and bus drop-offs

Cons:

- One-year transition for Bournedale 5th graders could be challenging
- Visible Learning, Classroom Neighborhoods, and Collaboration difficult in older building
- Innovation Lab tucked away on lower level
- Considerable disruption during construction
- Requires extensive phasing
- Potential noise issues from proximity of Gym to Admin suite and from Cafeteria to learning spaces below

TRAFFIC AND SCHOOL TRANSPORTATION

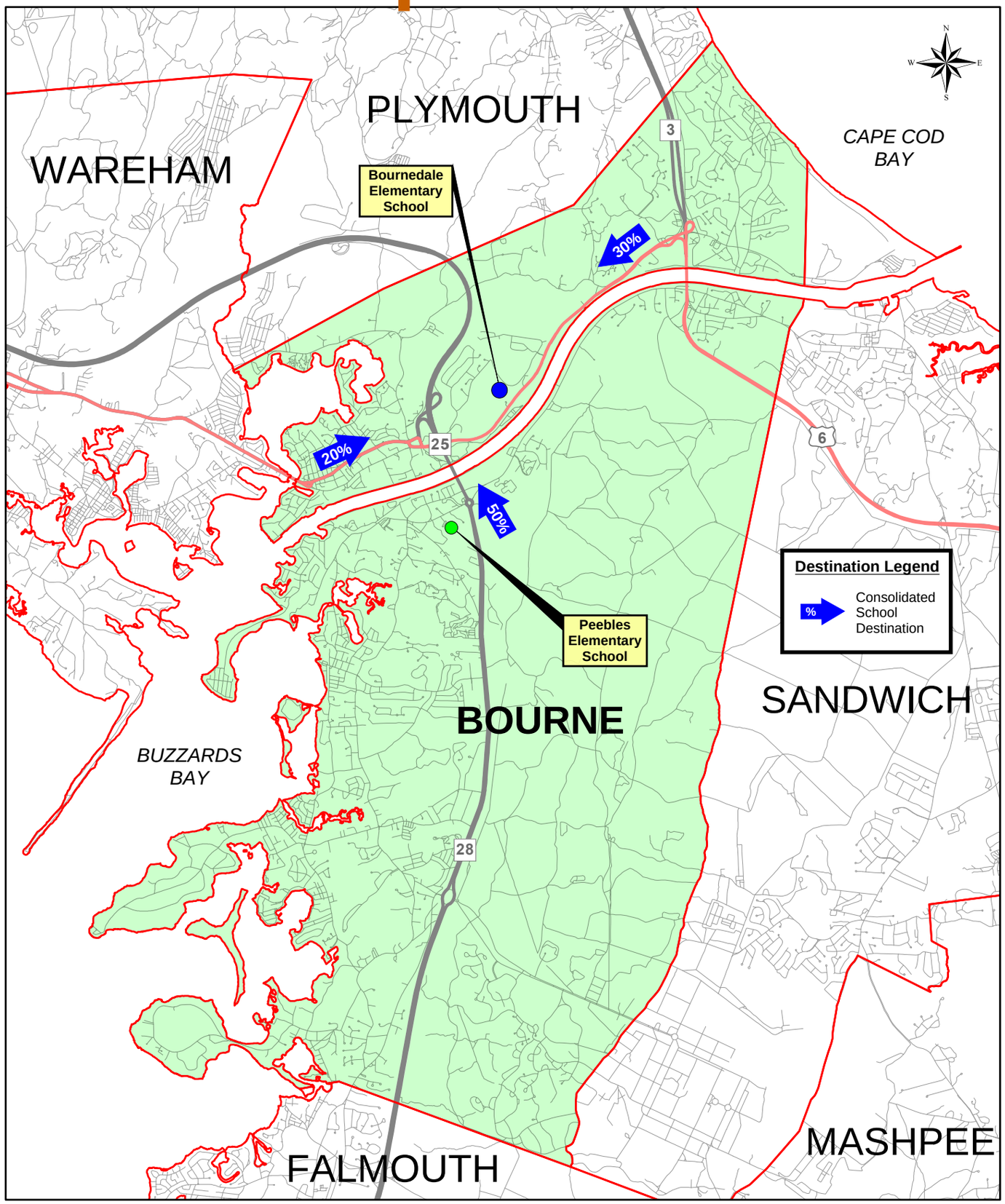
School Transportation



Bus Sequence

	Start Time	EndTime
High School	7:15	1:42
Middle School	8:00	2:22
Elementary Schools	9:00	3:00

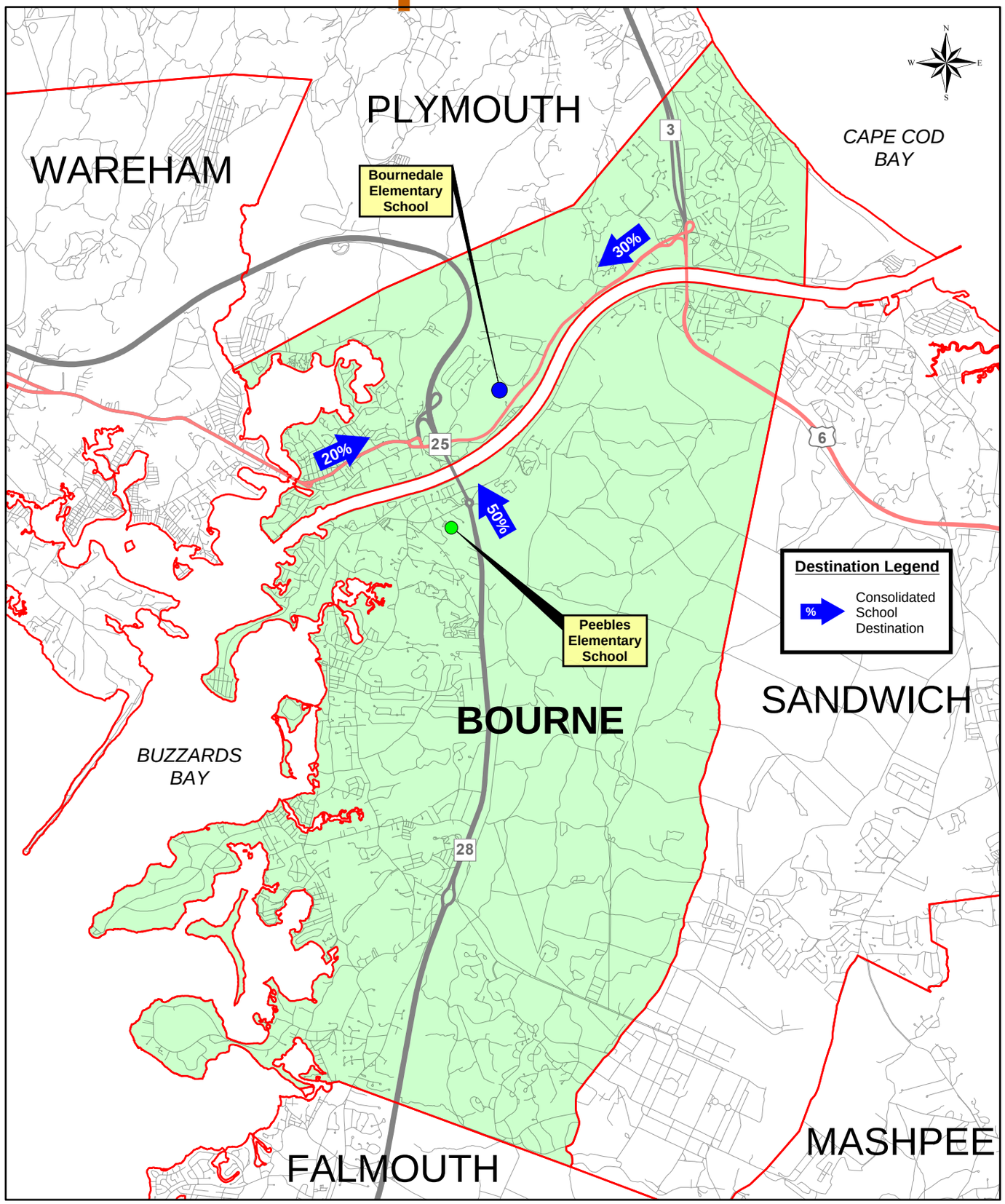
School Transportation



Option 1A (schools on both sides)

- no change to schedule

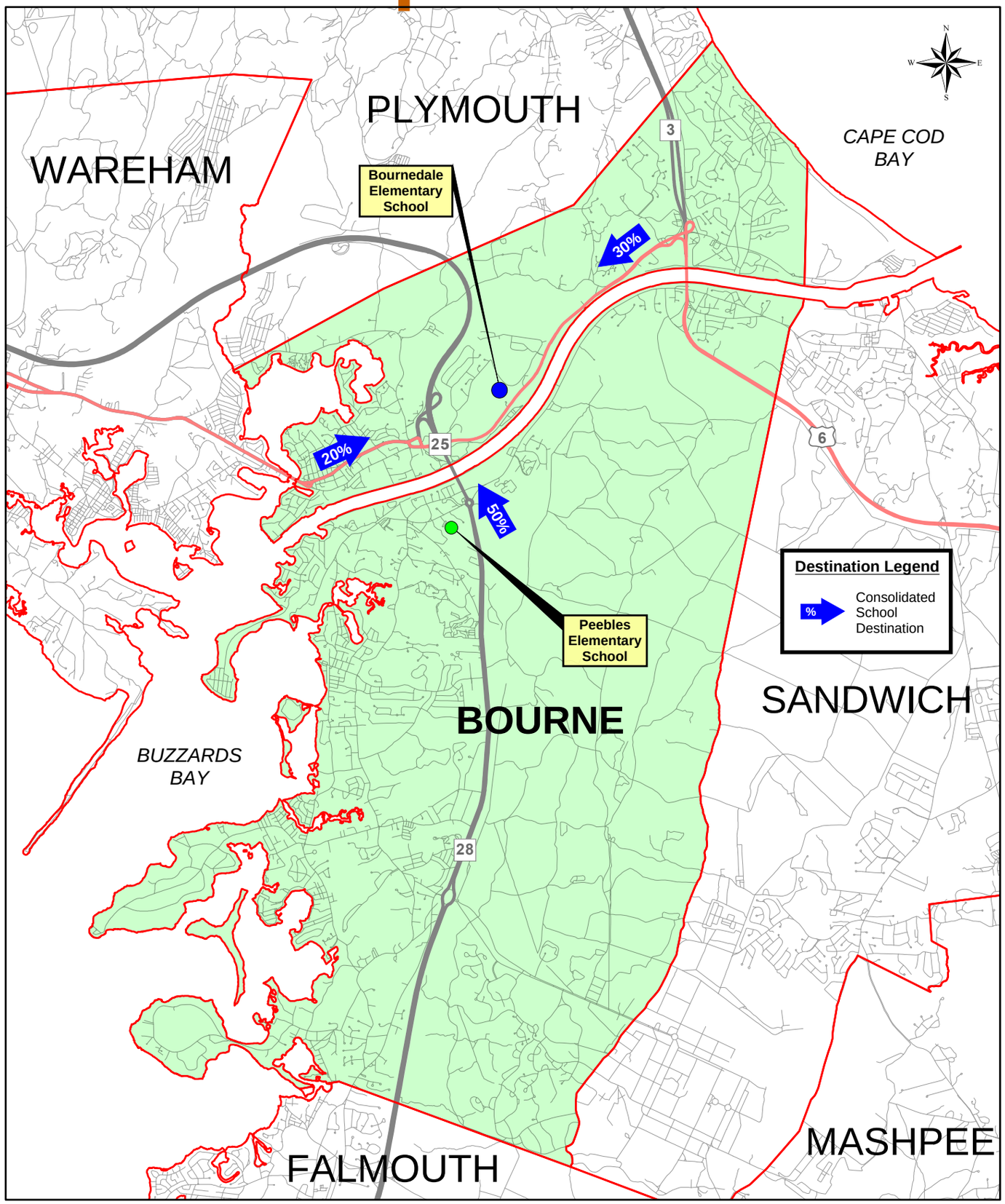
School Transportation



Option 2A

- Requires 20 minute change in start/ end times of elementary school
- Potential increase in travel time to Cape-side students due to seasonal traffic impact beginning mid-April

School Transportation



Option 4A & 4B (schools on both sides)

- Requires 1 to 2 additional buses for 5th grade students residing in the Buzzards Bay and Sagamore Beach areas. *Average cost of adding a bus is approximately $40,000 each.*

- no change to schedule

SUSTAINABLE DESIGN

Sustainable Design

LEED or MA-CHPS programs

2% additional MSBA reimbursement

Achieve LEED Silver or MA-CHPS "leader"

Minimum total points required

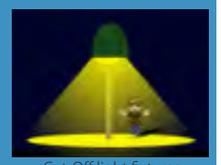
Creates a healthier, more efficient School

Sustainable Design

LEED Silver Program

1. Sustainable Sites

- Storm water control (Qty & Quality)
- Reduce Heat Island effect
- Minimize light pollution
- Reduce impact on the environment



Cut-Off light fixtures

2. Water Saving Features

- Water use reduction
- Low flow plumbing fixtures
- Sensor operated faucets & toilets
- Minimize lawn irrigation

Water use reduction

3. Energy Efficiency

- Highly insulated walls and roof
- High performance windows
- Energy management system
- High efficiency boilers & equipment

High Performance

4. Materials and Resources

- Recycling program
- Construction waste management
- Recycled content of materials
- Rapidly renewable materials
- Certified wood

Recycling / Composting

5. Indoor Environmental Quality

- Proper acoustical environments
- Fresh and filtered air
- Low emitting materials
- Lighting and thermal control
- Daylighting and views

Green cleaning

- **2% additional MSBA reimbursement**
- **Saves Energy and maximizes daylight**
- **Conserves Resources**
- **Creates a Healthier, More efficient School**

CONSTRUCTION SCHEDULE

Construction Schedule

		Option 1A (K-4) Peebles New Construction 250 students	Option 2A (PK-4) Bournedale Add/Reno 725 students	Option 4A (K-5) Peebles New Construction 410 students	Option 4B (K-5) Peebles Add/Reno 410 students
Gross SF		**57,248 SF**	**114,593 SF**	**72,473 SF**	**72,473 SF**
Duration	Building	**19 Months**	**18 Months**	**19 Months**	**22 Months**
	Sitework	**5 Months**	**8 Months**	**5 Months**	**8 Months**
TOTAL		**24 Months**	**26 Months**	**24 Months**	**30 Months**

* Estimated Construction Schedule subject to change as project is refined

** Options 2A and 4B require phased construction.

PRELIMINARY COST MODELS

Cost of Design Alternatives

		Option 1 (K-4) Peebles Elementary 250 students	Option 2 (PK-4) Bournedale Elementary 725 students	Option 4 (K-5) Peebles Elementary 410 students		Base Repair Only
		1A New	2A Add/Reno	4A New	4B Add/Reno	
Gross SF		57,248 SF	114,593 SF	72,473 SF		55,190 SF
*Construction Cost $ (Hard Cost)	Building	$23.25M	$25.63M	$26.96M	$27.46M	$10.53M
	Hazmat/Demo	$1.71M	$0	$1.7M	$1.21M	$1.16M
	Sitework	$4.05M	$4.65M	$4.34M	$4.29M	$.38M
	Total	$29.01M	$30.28M	$32.99M	$32.96M	$12.07M
Soft Cost $	Fees & Expenses	$5.9M	$5.61M	$6.5M	$6.13M	$2.8M
	FF&E	$.75M	$1.02M	$1.23M	$1.23M	$.25M
	Contingencies	$2.32M	$2.42M	$2.64M	$2.97M	$1.68M
Other Town Costs		no cost	TBD	no cost	no cost	no cost
TOTAL		$37.98M	$39.34M New Addition: 46,493 Extensive Reno: 15,800 Light Reno: 52,300	$43.36M	$43.28M New Addition: 34,916 Extensive Reno: 37,557	$16.8M
Cost per SF		$663	$343	$598	$597	$304

PROJECT REIMBURSEMENT

MSBA Reimbursement Process

- **MSBA is the state authority that administers and funds a program for grants for Massachusetts school projects.**
- **MSBA mandates a multi-step rigorous study and approval process.**
- **MSBA will reimburse all Eligible Costs.**
  - **Examples of Ineligible Costs are:**
    - Site Costs Over 8%,
    - Building Costs Over $299/sf,
    - Asbestos Flooring Abatement,
    - FFE/Technology Costs Over $2,400/Student,
    - Legal Fees, Moving Expenses, Construction Contingencies over 1% for new construction or 2% for renovations.
    - Prior Grant Cost Recovery on Previously Reimbursed Projects

MSBA Reimbursement Process

	Option 1A	Option 2A	Option 4A	Option 4B
Base Reimbursement Rate	**43.84**	**43.84**	**43.84**	**43.84**
Maintenance	1.00	1.00	1.00	1.00
CM @ Risk	1.00	1.00	1.00	1.00
Renovation	0.00	2.97	0.00	2.59
Green Schools	2.00	2.00	2.00	2.00
Total Reimbursement Rate	**47.84**	**50.81**	**47.84**	**50.43**

MSBA Reimbursement Process

	Option 1A	Option 2A	Option 4A	Option 4B
Project Cost	$37.98 M	$39.34M	$43.36M	$43.28M
Approximate MSBA Grant	$12.32M	$17.95M*	$15.01M	$15.54M
Approximate Cost to Bourne	$25.66M	$21.38M*	$28.35M	$27.74M

* Note: Option 2A Cost to Bourne will be increased by Prior Grant Cost Recovery as determined by MSBA

Community Discussion

Selecting the Best Design Alternative

Community-Wide Survey

Survey

Preferred Schematic Design - Bourne School Building Committee

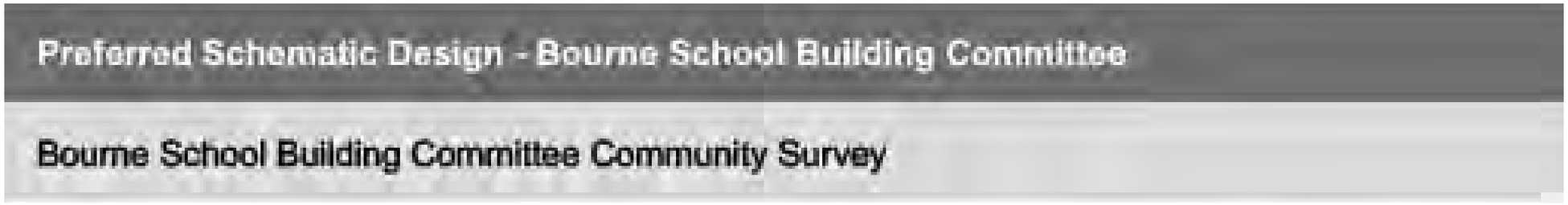
Bourne School Building Committee Community Survey

As the Bourne School Building Committee prepares its recommendation for a*Preferred Schematic Design* to the Massachusetts School Building Authority, it is important that we hear from you. Please complete the following short survey; the results will help guide the decision-making process as the School Building Committee continues their important work.

1. Please select all stakeholder groups that apply to you.

- [ ] Student
- [ ] Parent
- [ ] Bourne resident
- [ ] Bourne registered voter
- [ ] Bourne business owner
- [ ] Bourne School Committee member
- [ ] Bourne School Building Committee member
- [ ] Bourne elected official
- [ ] Bourne Public Schools employee
- [ ] Other (please specify)

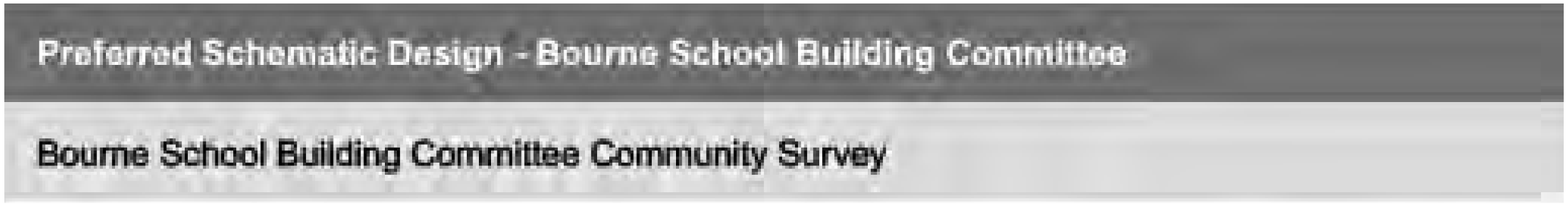
Survey



2. Does the current Peebles Elementary School building hold sentimental value to you?

- Yes
- No

Survey


Preferred Schematic Design - Bourne School Building Committee

Bourne School Building Committee Community Survey

3. Which of the following Bourne Capital Projects do you support as being the most needed?

- School, with over a 40% reimbursement from a state grant
- Police and Fire
- School (with reimbursement) and Police
- School (with reimbursement) and Fire
- School (with reimbursement), Police, and Fire
- None of the above

Survey

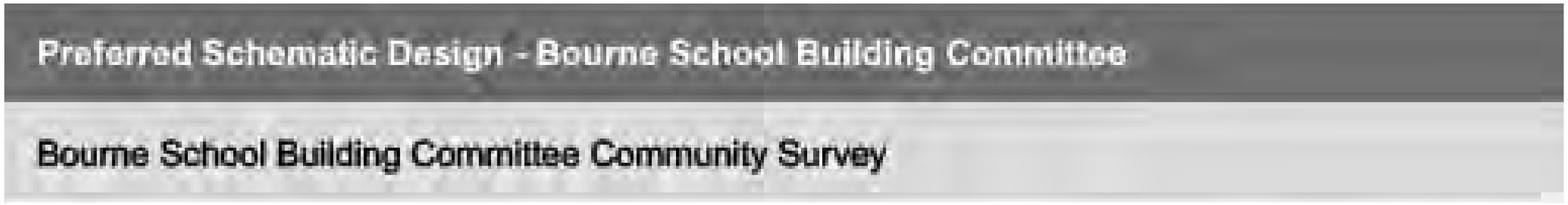
Preferred Schematic Design - Bourne School Building Committee

Bourne School Building Committee Community Survey

4. What is the most important consideration in the decision-making process for recommending a capital school building project to the Bourne Community for approval? Please rank the following priorities with 1 being the most important and 6 being the least important.

- Cost - minimal impact to taxpayers
- Education - greatest benefit to all learners
- Location - maintain two elementary schools on each side of the Canal
- Location -one consolidated PreK through grade 4 elementary school located at the Bournedale Elementary School
- Grade 5 - relocation from Bourne Middle School to an elementary school setting
- Grade 5 - maintain current grade 5 through grade 8 at the Bourne Middle School

Survey



5. Is there another important consideration that is not listed above? If so, please explain.

Survey

Preferred Schematic Design - Bourne School Building Committee

Bourne School Building Committee Community Survey

6. How can the Bourne School Building Committee improve communication with the public regarding this project and state grant?

Next Steps

Next Steps

The School Building Committee meetings are every two weeks.
Meeting agendas and dates are posted on the District's website.

- *January 21, 2016 - Community Forum No.4 at Bournedale Elementary School Cafeteria*
- *March 03, 2016 - Community Forum No. 5 at Peebles Elementary School Cafeteria*
- **March 31, 2016 - Community Forum No. 6 at Bournedale Elementary School Cafeteria**
- **April 08, 2016 - Submit PSR document to the MSBA**
- **August 11, 2016 - Submit Schematic Design documents to MSBA**
- **September 28, 2016 - MSBA Board Meeting to approve project to bring to voters**
- **Fall 2016 - Town Vote**

Questions?