



Community
Presentation

BURLINGTON ELEMENTARY SCHOOL

Burlington, MA

Project Team

BURLINGTON

■■■■■■■■■■ PUBLIC SCHOOLS

School Building Committee

Nichole Coscia,
School Business Manager

John Danizio,
Town Accountant/
Asst. Town Administrator

Paul Sagarino Jr.,
Town Administrator

Melissa Massardo ,
SBC Chair,
School Committee Member

Katherine Bond,
School Committee Member

Jeremy Brooks,
School Committee Member

Christine Monaco,
School Committee Member

Martha Simon,
Chair School Committee

Eric Conti, Superintendent

Bob Cunha, Director of Operations

David Rosenblatt,
Fox Hill Principal

John Lyons,
Pine Glen Principal

Roger Riggs,
Ways & Means Member

Ed Parsons,
AEC experience

Jennifer Priest, Fox Hill Parent

Tara Carroll, Fox Hill Teacher

Anne Hill, Fox Hill Teacher

George Papayannis,
Fox Hill Community Member

Margo Bunker, Pine Glen Parent

Amanda Hanafin, Pine Glen Teacher

Melissa Gilberg, Pine Glen Teacher

Kristen Downie, Recording Secretary



Dore & Whittier Team

Michael Burton MCPPO
Principal-In-Charge

Steve Brown MCPPO
Project Director

Christina Dell Angelo MCPPO
Project Manager

Michael Cox MCPPO
Project Manager



DiNisco Team

Vivian Low AIA, MCPPO
Vice President/Principal
Principal-In-Charge

Donna DiNisco MCPPO
President/Principal
Educational Programmer

Neil Harrigan AIA, MCCPO
Associate
Project Manager

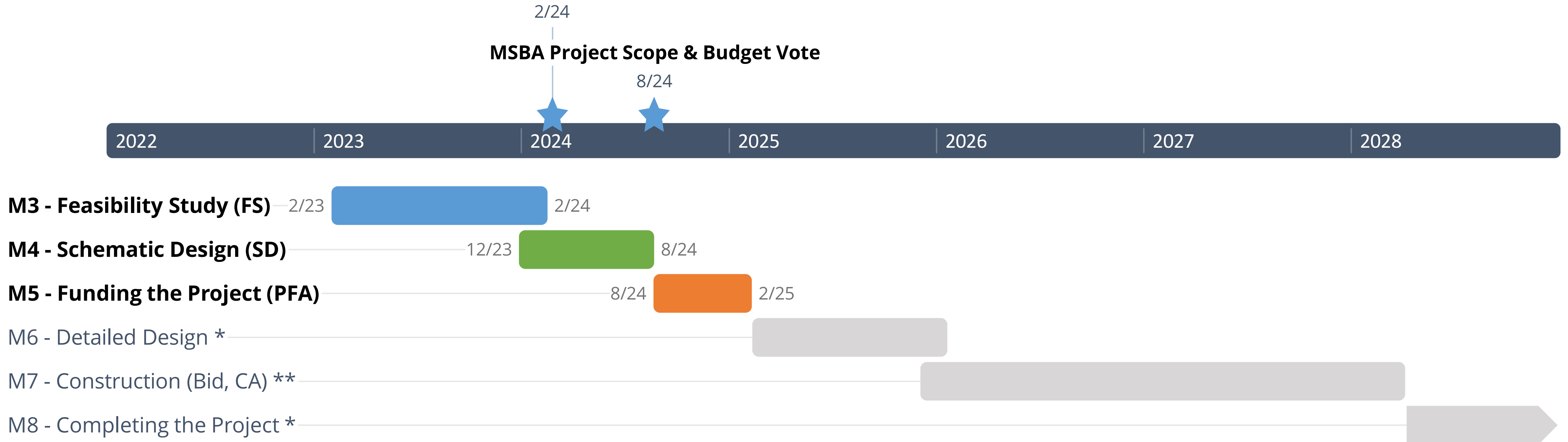


Massachusetts School
Building Authority

Project Schedule | Overall Project Timeline

MSBA Preferred Schematic Vote

MSBA Project Scope & Budget Vote



**** All dates are approximate. Durations/dates for Modules 6 through 8 are subject to change depending on the preferred solution identified as a result of the preferred option/feasibility study process.***

***** Module 7 duration as indicated is approximate and includes the range of remaining options being studied in the PSR/Feasibility Phase (vary, approx. 28 – 30 months)***

MSBA Process

The MSBA delivers a project through a clearly defined and prescribed process utilizing “modules”

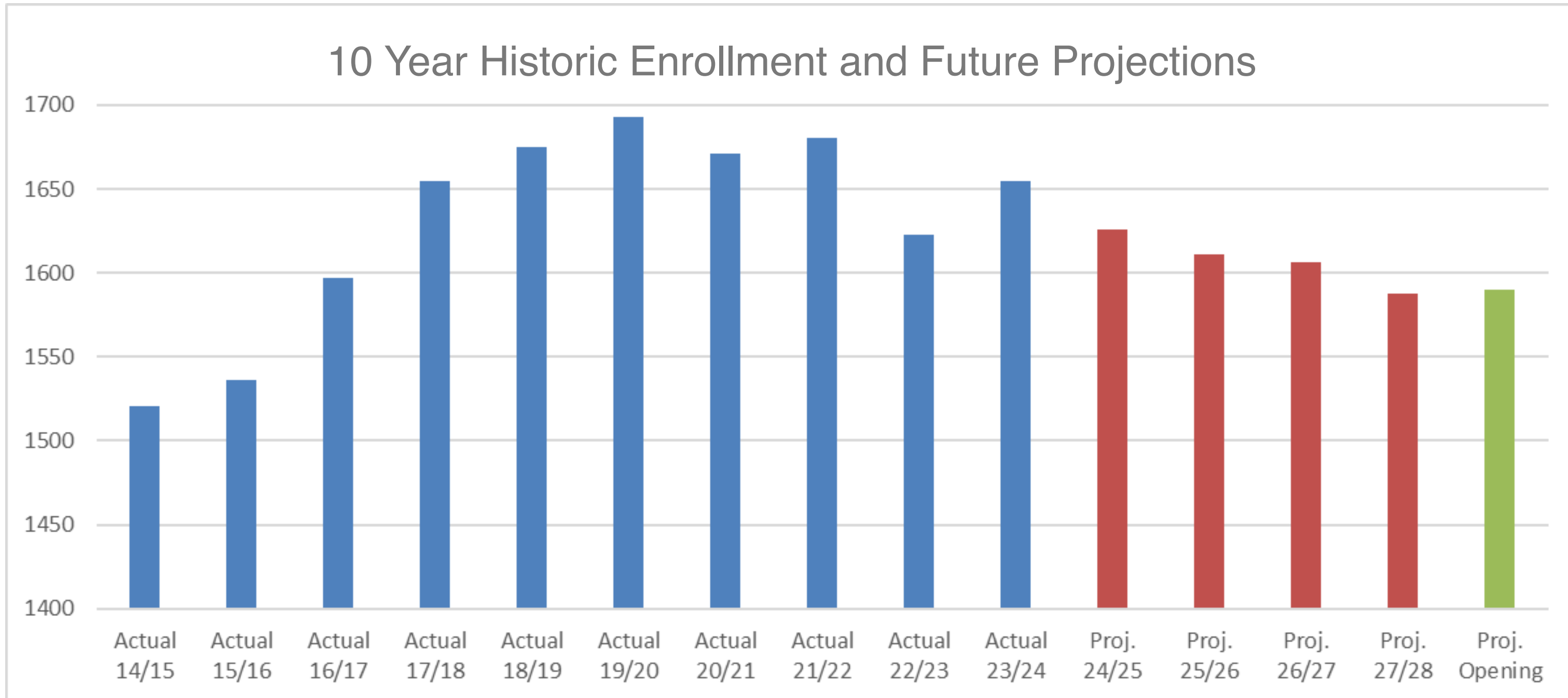
• **Module 1 – Eligibility Period**

- Module 2 – Forming the Team
- Module 3 – Feasibility Study
- Module 4 – Schematic Design
- Module 5 – Funding the Project
- Module 6 – Detailed Design
- Module 7 – Construction
- Module 8 – Completing the Project



Eligibility Period | Enrollment Projections

10 Year Historic Enrollment and Future Projections



	Prelim. 23/24 Enrollment	Projected 2028 Enrollment (@ New School(s) Completion)	School Capacity* (@ New School(s) Completion)
Fox Hill	450	324	324
Pine Glen	338	324	324
Memorial	384	414	414
Francis Wyman	483	530	540
Total Enrollment	1,655	1,592	1,602

* Based on 18 students / classroom

MSBA Process

The MSBA delivers a project through a clearly defined and prescribed process utilizing “modules”

- Module 1 – Eligibility Period
- Module 2 – Forming the Team
- **Module 3 – Feasibility Study**
- Module 4 – Schematic Design
- Module 5 – Funding the Project
- Module 6 – Detailed Design
- Module 7 – Construction
- Module 8 – Completing the Project



MSBA Process

Module 3 Activities - Feasibility Study:

Preliminary Design Program (PDP) ~ Submitted to MSBA July 14, 2023

- Educational program and Space Summary
- Existing conditions report
- Establish design parameters
- Develop and evaluate alternatives

Preferred Schematic Report (PSR) ~ December 2023

MSBA Board Approval of PSR ~ February 2024

Module 4 Activities — Schematic Design:

Schematic Design Submission ~ June 2024

- Final design program
- More detailed cost estimates
- Preliminary Plans / Specs

MSBA Board Approval of Schematic Design ~ August 2024

Local Project and Funding Approval ~ September 2024



Preliminary Design Program | Preliminary Space Summary

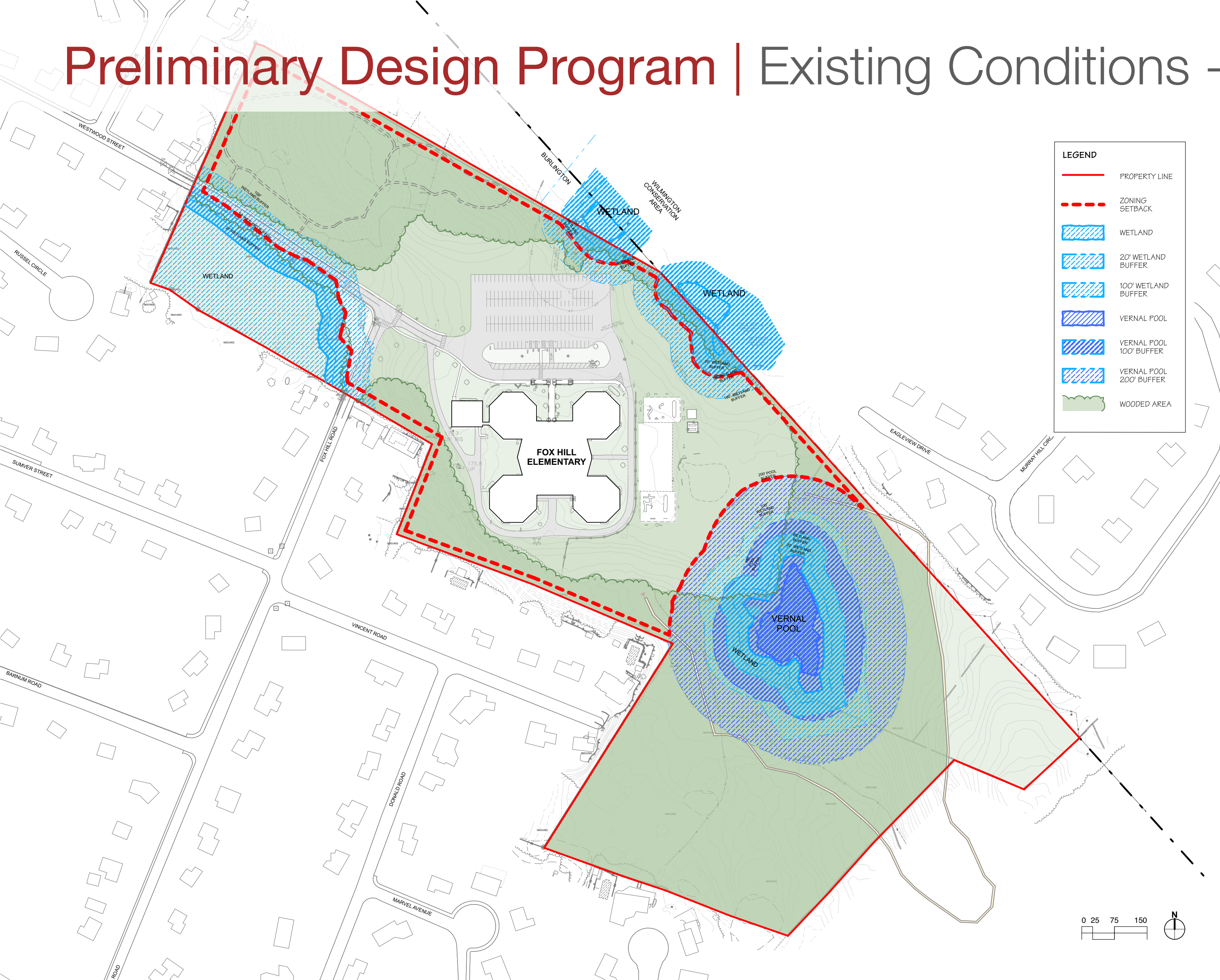
Program	Fox Hill Existing Conditions	Fox Hill Only @ MSBA Standards	Combined Fox Hill + Pine Glen @ MSBA Standards	General Comments
Core Academic	24,815 NFA	23,150 NFA	46,300 NFA	Includes general classrooms, STE classroom, ELL, literacy + math specialists, tutors
Special Ed.	4,485 NFA	15,225 NFA ¹	24,325 NFA ²	Includes LABBB program, DSC, SPED support spaces (SLP, BCBA, Learning Centers, Small Group / Reading, OT/PT, Quiet Rooms, Team Chair, Psychologist, Adjustment Counselor, etc.)
Art/Music	2,160 NFA	2,500 NFA	5,000 NFA	
Health & PE	4,170 NFA	7,300 NFA	7,300 NFA	Supports full size high school basketball court with additional run-off area and bleachers
Media Center	1,365 NFA	2,130 NFA	3,550 NFA	
Dining (Cafe, Kitchen, Stage, Teacher Dining)	6,610 NFA	5,567 NFA	8,413 NFA	
Medical / Admin	1,790 NFA	2,855 NFA	6,150 NFA	
Custodial / Main	860 NFA	1,925 NFA	2,240 NFA	
Other	0 NFA	0 NFA	0 NFA	
Sub Total Program	46,255 NFA	60,652 NFA	103,278 NFA	
Total Gross Sq. Ft. (GSF) (Gross SF / NFA = 1.5)	64,400 GSF	90,978 GSF	154,917 GSF	

NFA = Net Floor Area
GSF = Gross Square Foot

Notes:

1. Fox Hill Only includes LABBB program, DSC II, and support spaces
2. Combined Fox Hill + Pine Glen includes LABBB program, DSC I, DSC II and support spaces

Preliminary Design Program | Existing Conditions - Fox Hill School Site



- 37.9 Acre site — 17.9 acres usable area, limited by wetlands and vernal pool. Some rock outcroppings are located at the southeast corner of the site (south of existing school)
- 64,400 GSF existing building
- Relatively high ground water in select areas of the site
- Rock removal may be required
- ANRAD (Abbreviated Notice of Resource Area Delineation) filings and conservation commission approvals will be required in both Burlington and Wilmington

Existing Conditions | Fox Hill ES



Existing Conditions | Fox Hill ES



Evaluation of Alternatives | Alternatives Remaining

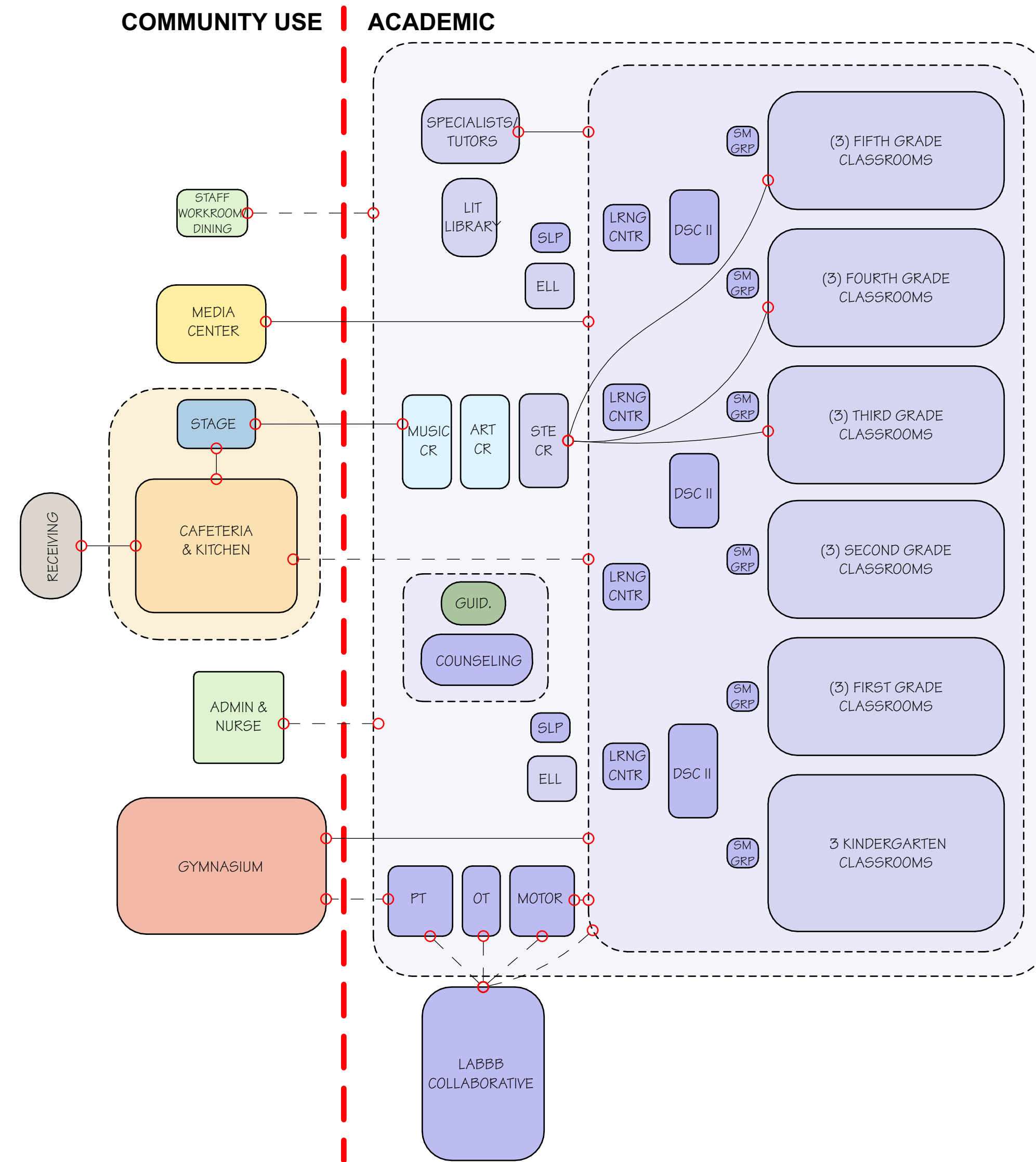
School Building Committee eliminated all alternatives except:

- Option 3 | New Construction at Fox Hill School for 325 Students (Enrollment 1)
- Option 6 | New Construction at Fox Hill School for 640 Students (Enrollment 2)

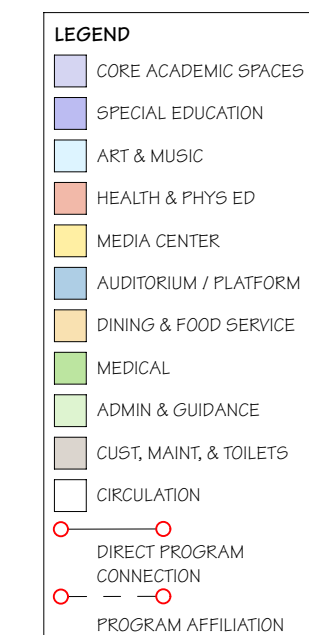


Alternative	Description	Location	# of students	# of classrooms	Solution
Option No. 1	Code Upgrade / Repair Only	Fox Hill School	325 Students	3 classrooms / grade	Fox Hill Only
Option No. 2	Addition / Renovation	Fox Hill School	325 Students	3 classrooms / grade	Fox Hill Only
Option No. 3	New Construction	Fox Hill School	325 Students	3 classrooms / grade	Fox Hill Only
Option No. 4	Code Upgrade / Repair Only	Fox Hill School	640 Students	2 x 3 classrooms / grade	Combined Fox Hill & Pine Glen
Option No. 5	Addition / Renovation	Fox Hill School	640 Students	2 x 3 classrooms / grade	Combined FHES + PGES building with independent schools
Option No. 6	New Construction	Fox Hill School	640 Students	2 x 3 classrooms / grade	Combined FHES + PGES building with independent schools
Option No. 7	Addition / Renovation	Pine Glen School	640 Students	2 x 3 classrooms / grade	Combined FHES + PGES building with independent schools
Option No. 8	New Construction	Pine Glen School	640 Students	2 x 3 classrooms / grade	Combined FHES + PGES building with independent schools

Spatial Relationships | Fox Hill School Only

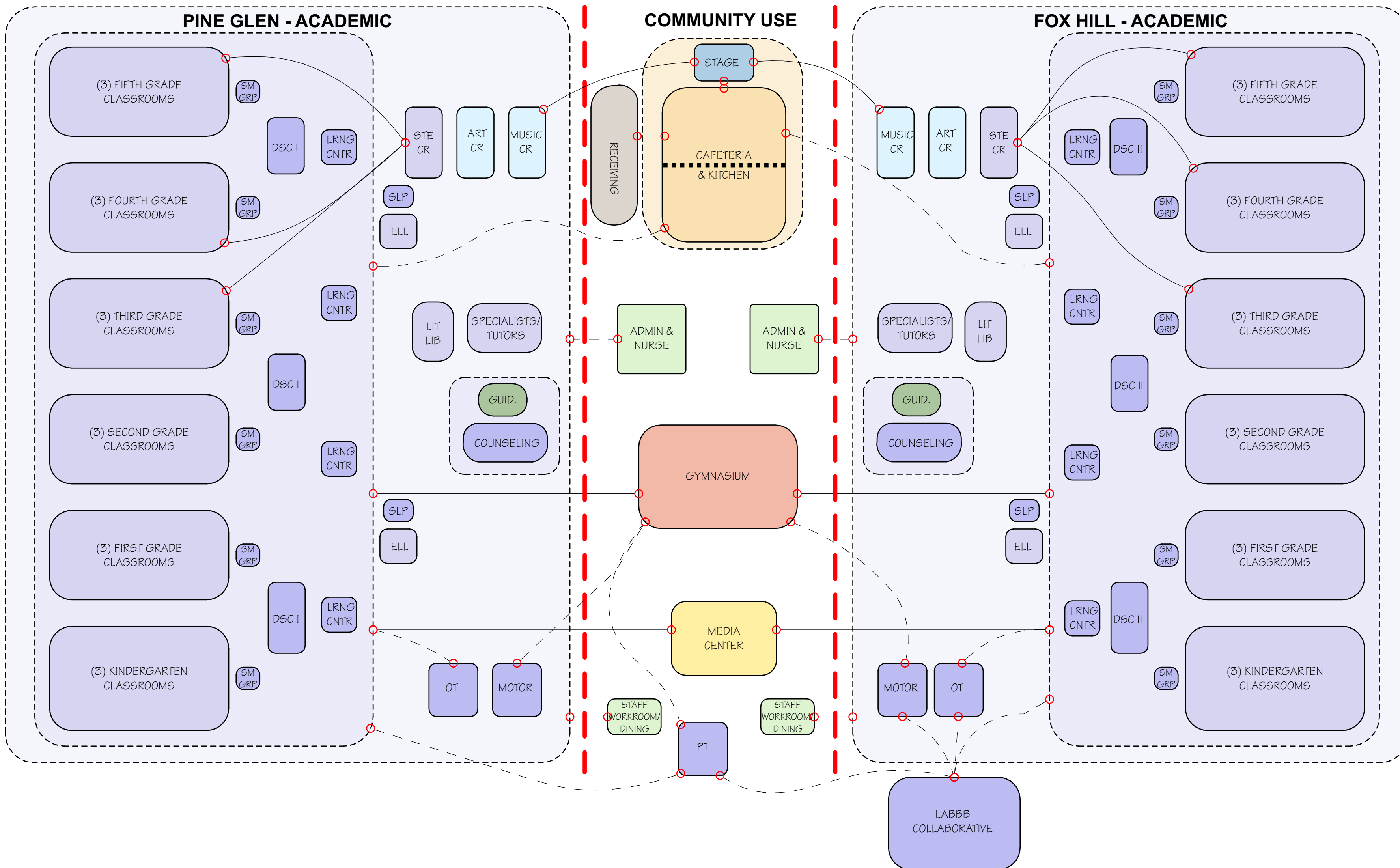
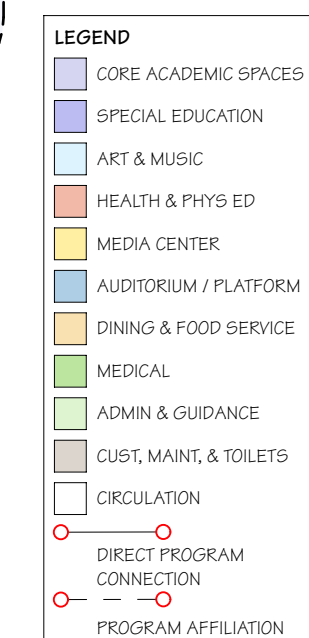


- Create optimum adjacencies between programs
- Classrooms clustered by grade
- Integrated student support
- Integrated Special Education
- Vertical and horizontal collaboration
- Zoned for after school / community use

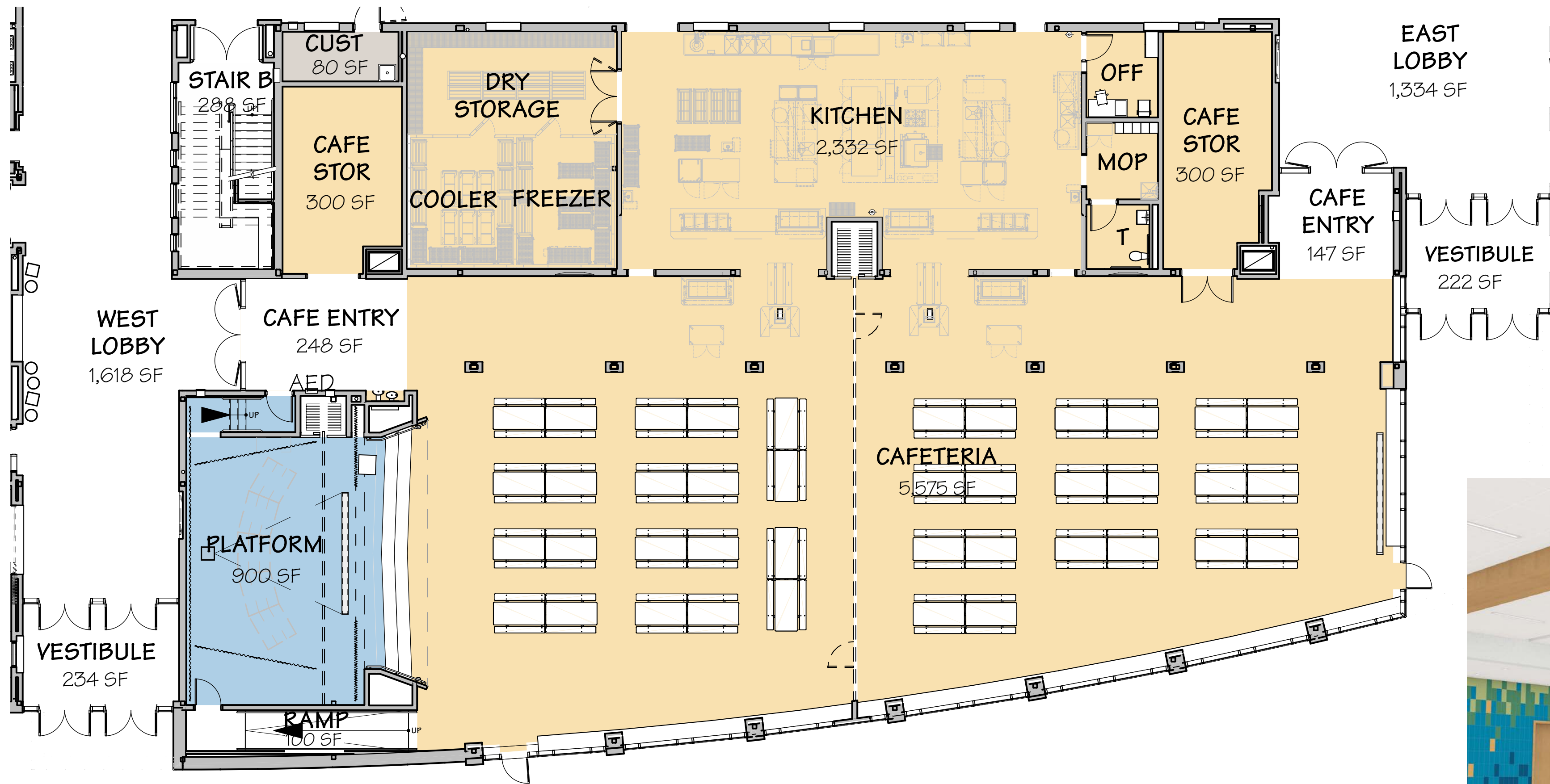


Spatial Relationships | Fox Hill and Pine Glen School

- Two separate school entrances
- Gym, Cafetorium and Media Center sized for both schools to use independently and simultaneously
- Each school maintains autonomous scheduling
- Two Cafeterias with soundproof operable partition separating them
- Two independent playground areas
- Classrooms clustered by grade
- Integrated student support and Special Education
- Vertical and horizontal collaboration
- Zoned for after school / community use



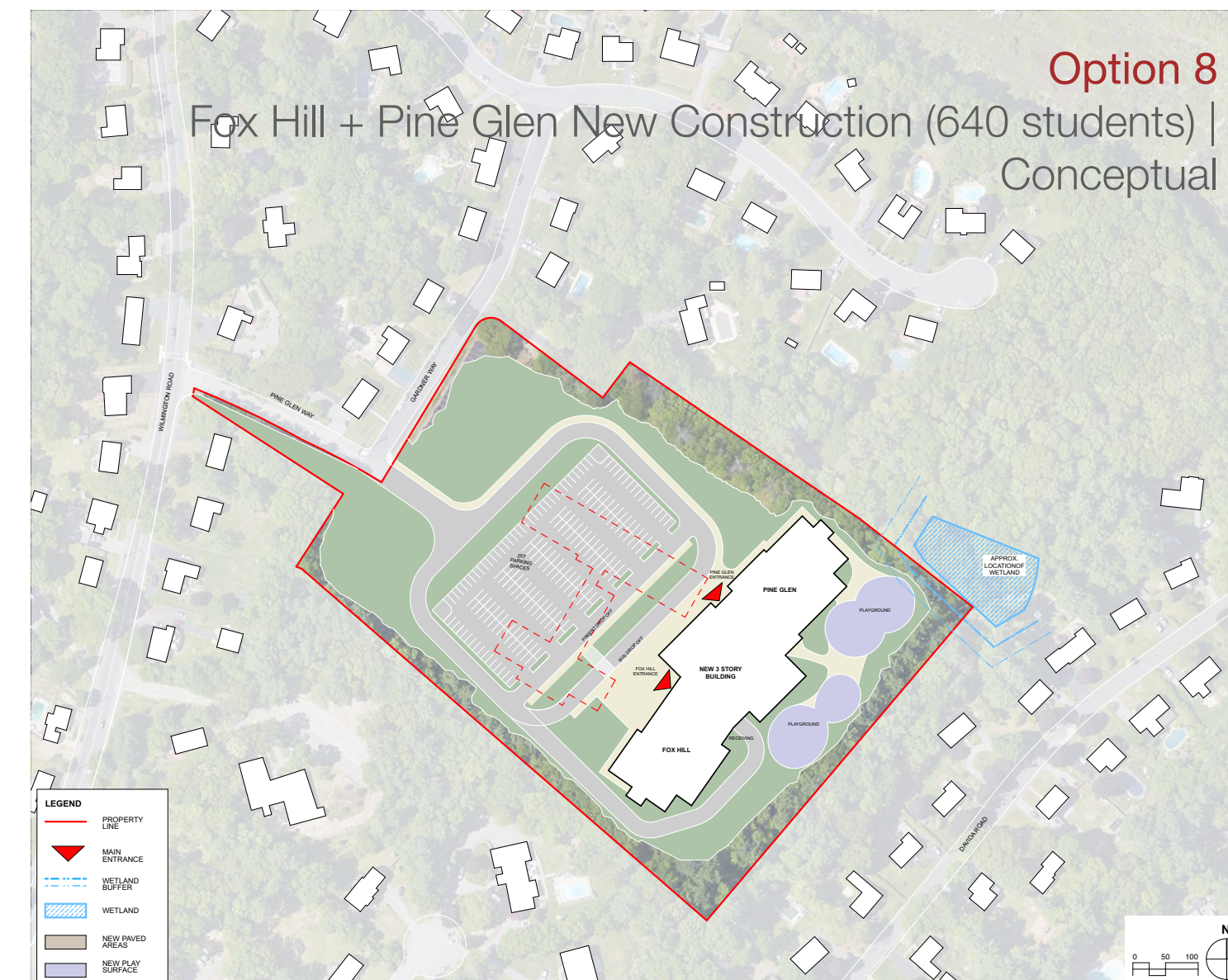
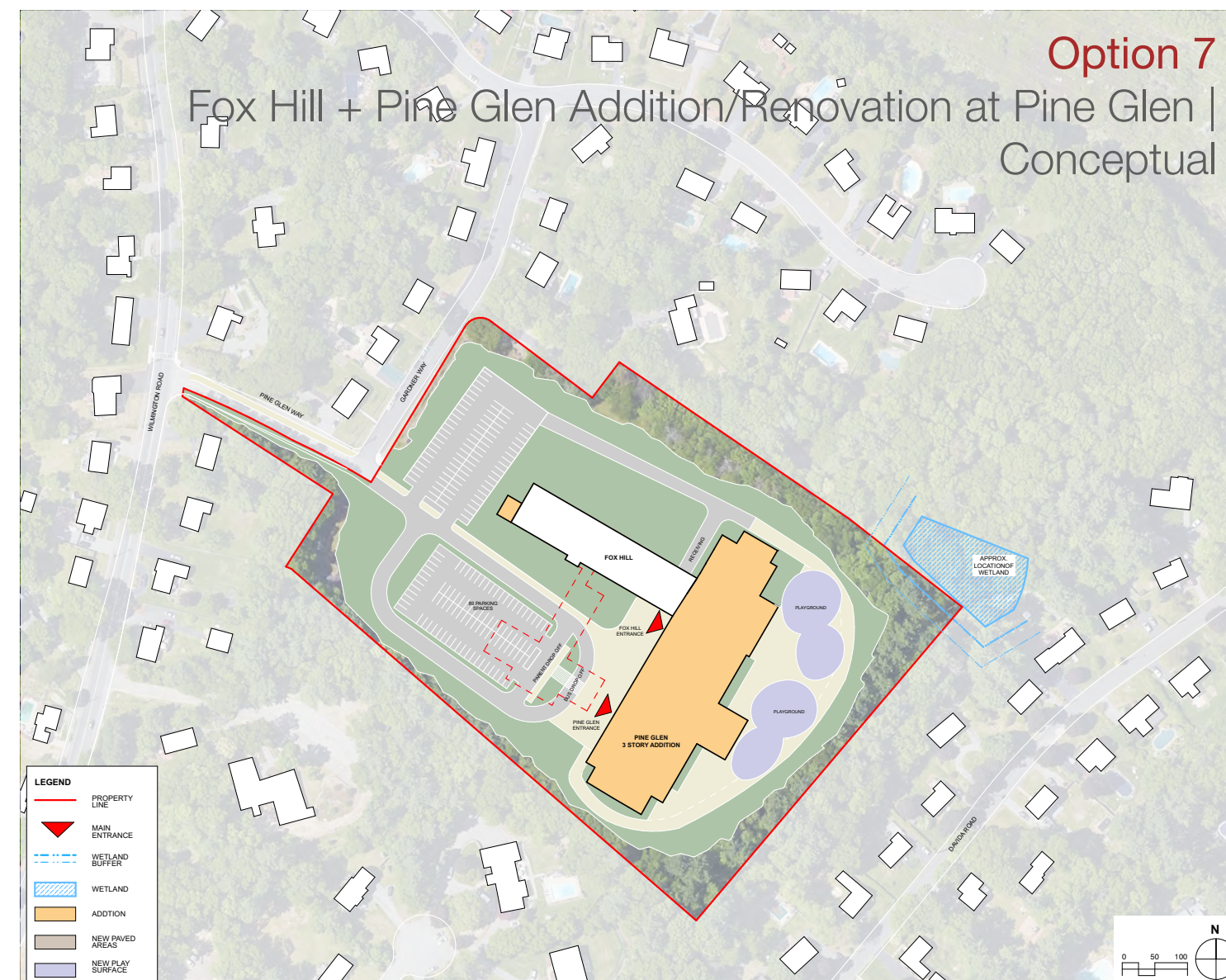
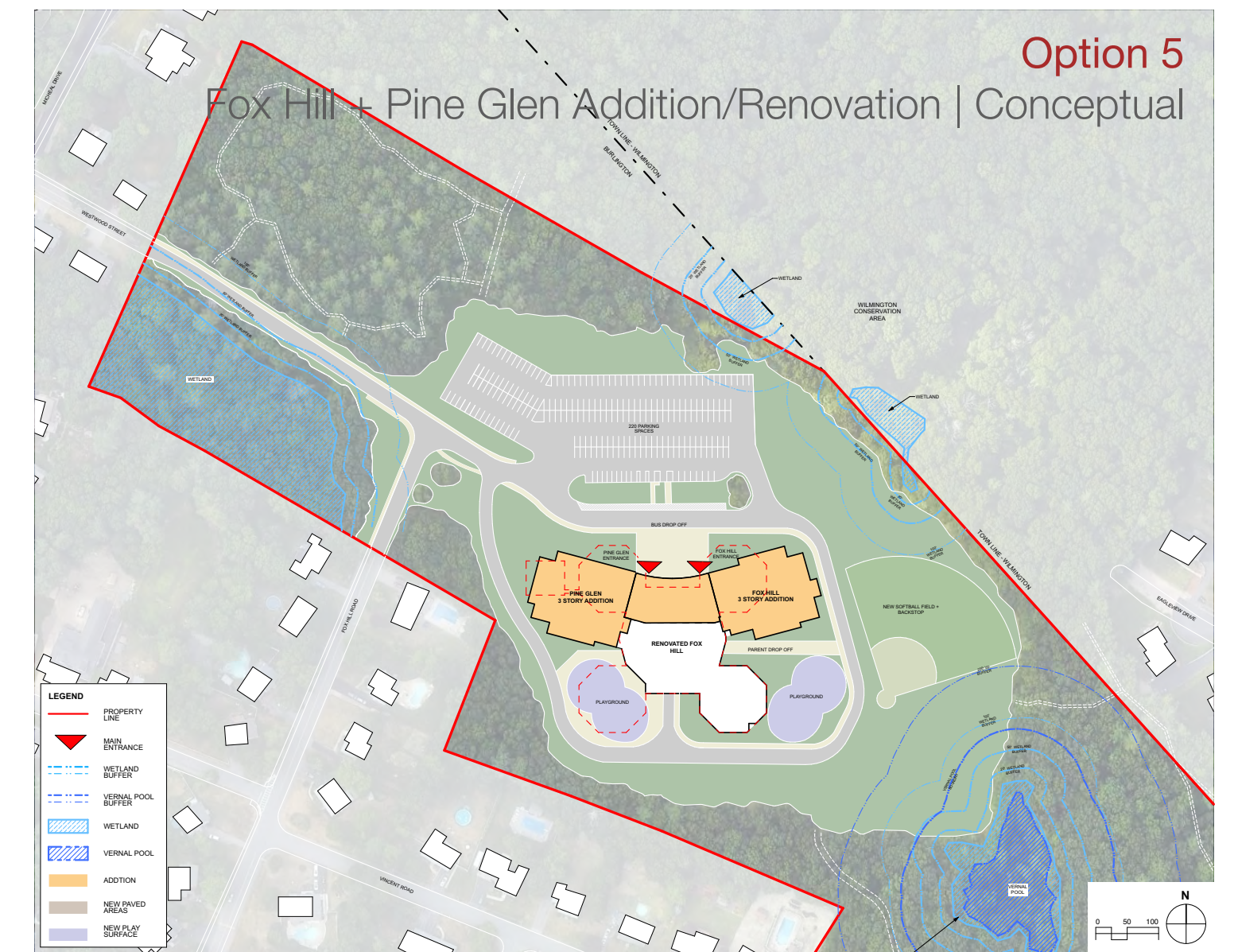
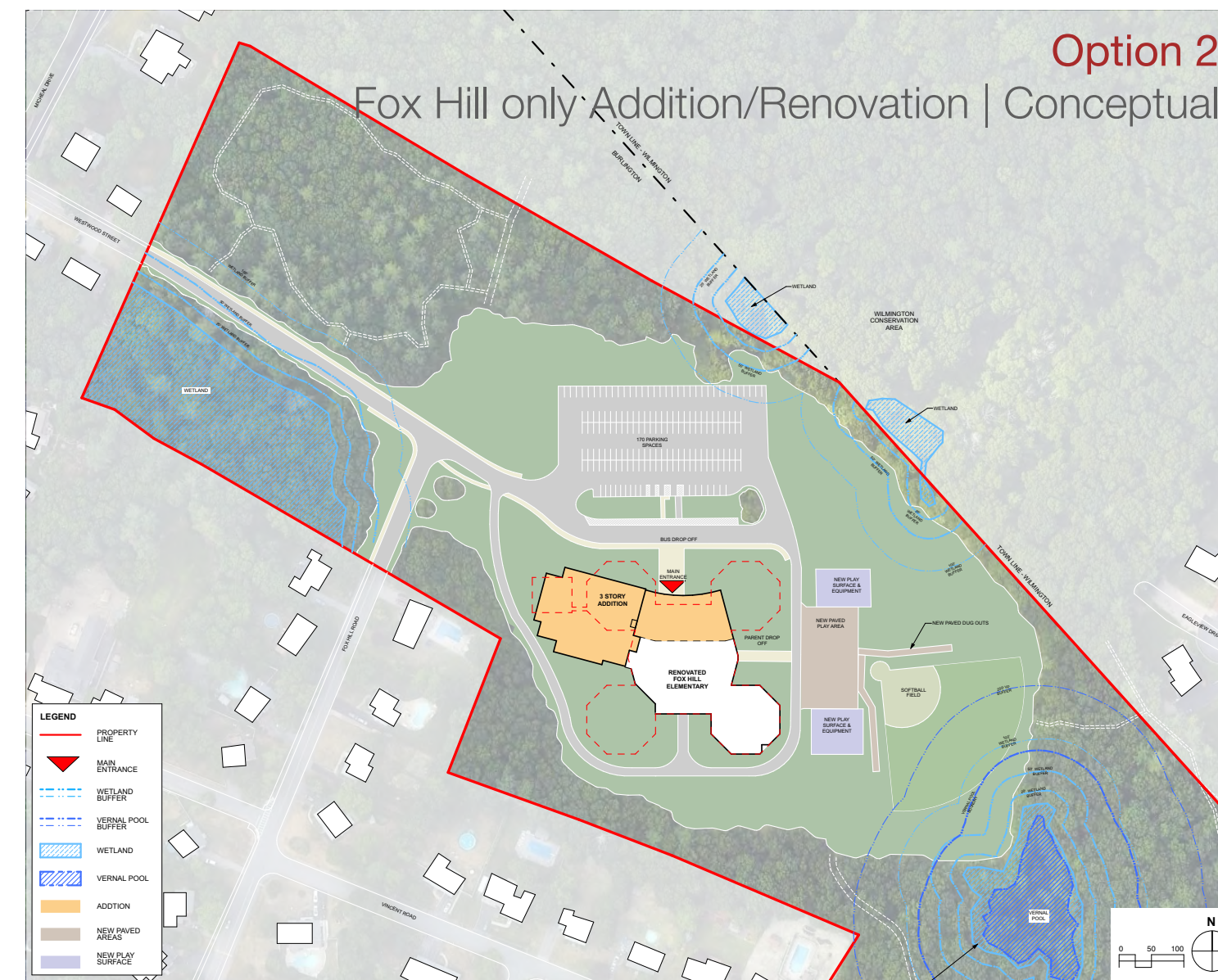
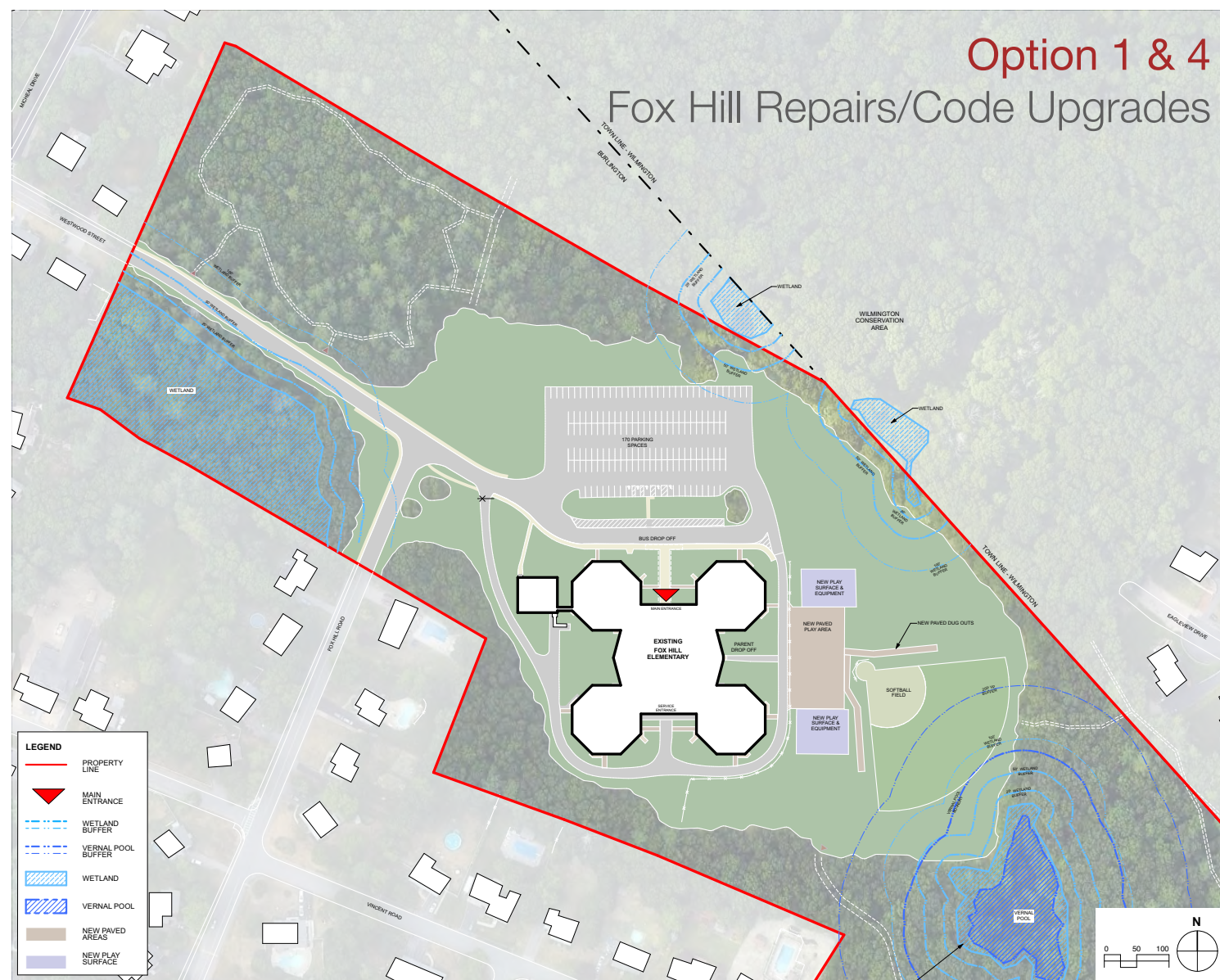
Spatial Relationships | Two Independent Cafeterias



- Two Cafeterias with soundproof operable partition can remain closed
- Partition opens for large assemblies or evening community use
- One large kitchen to serve both schools
- Both schools can have after school programs simultaneously and independently



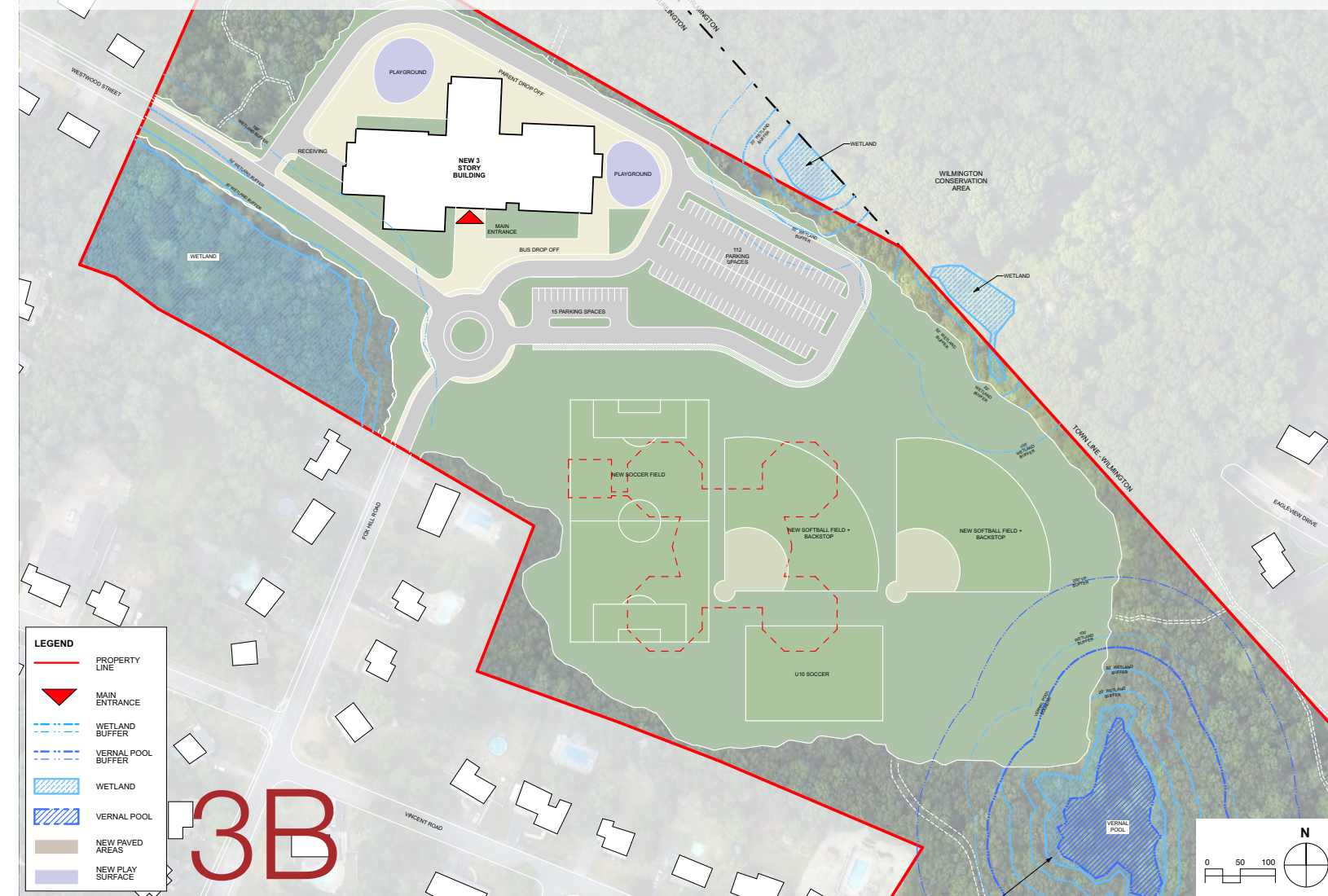
Evaluation of Alternatives | Alternatives Dismissed



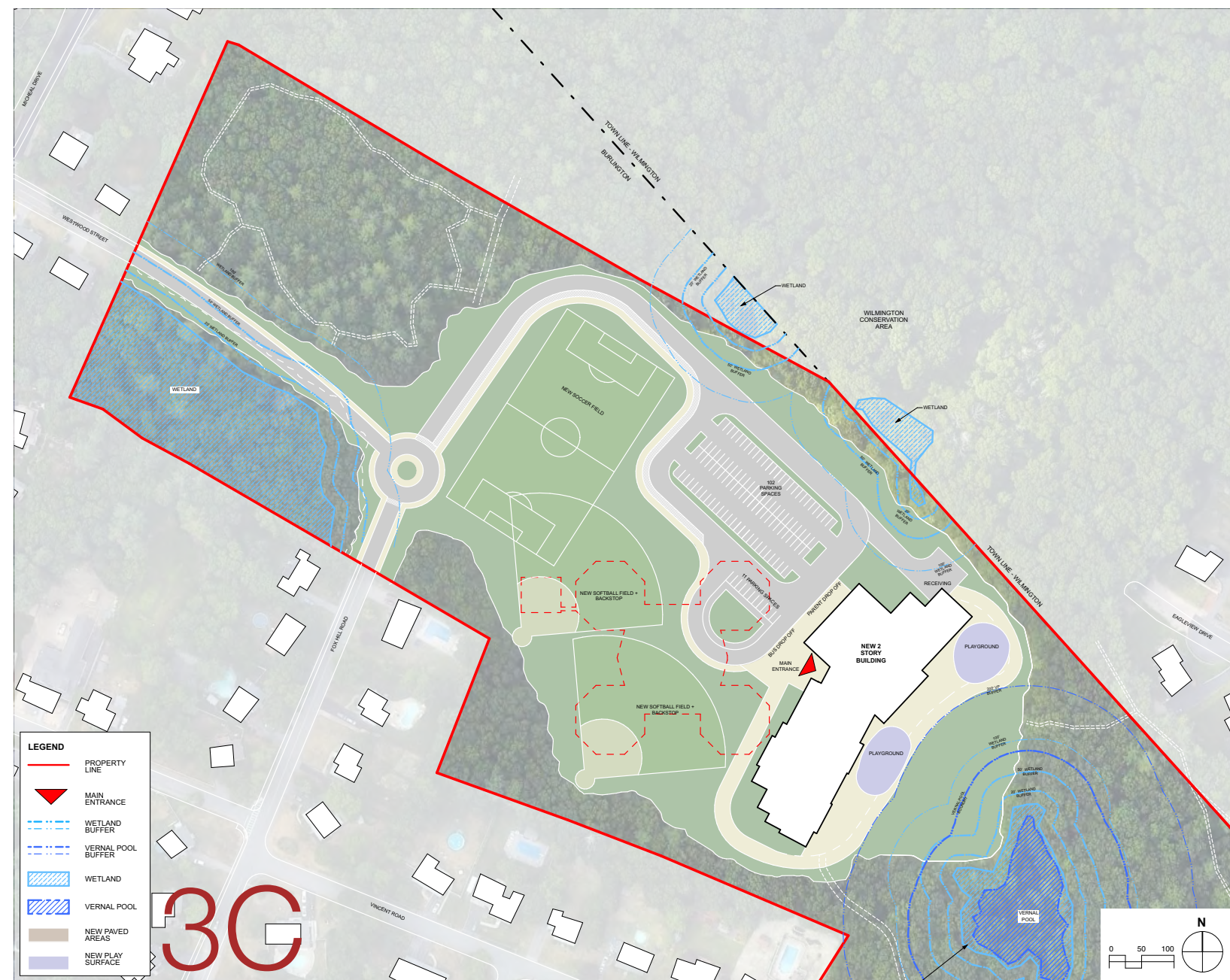
Option 3 | Fox Hill New Construction Only | Conceptual



3A
Three-story building on eastern part of the Fox Hill site



3B
Three-story building on northern part of the Fox Hill site



3C
Two-story building on eastern part of the Fox Hill site

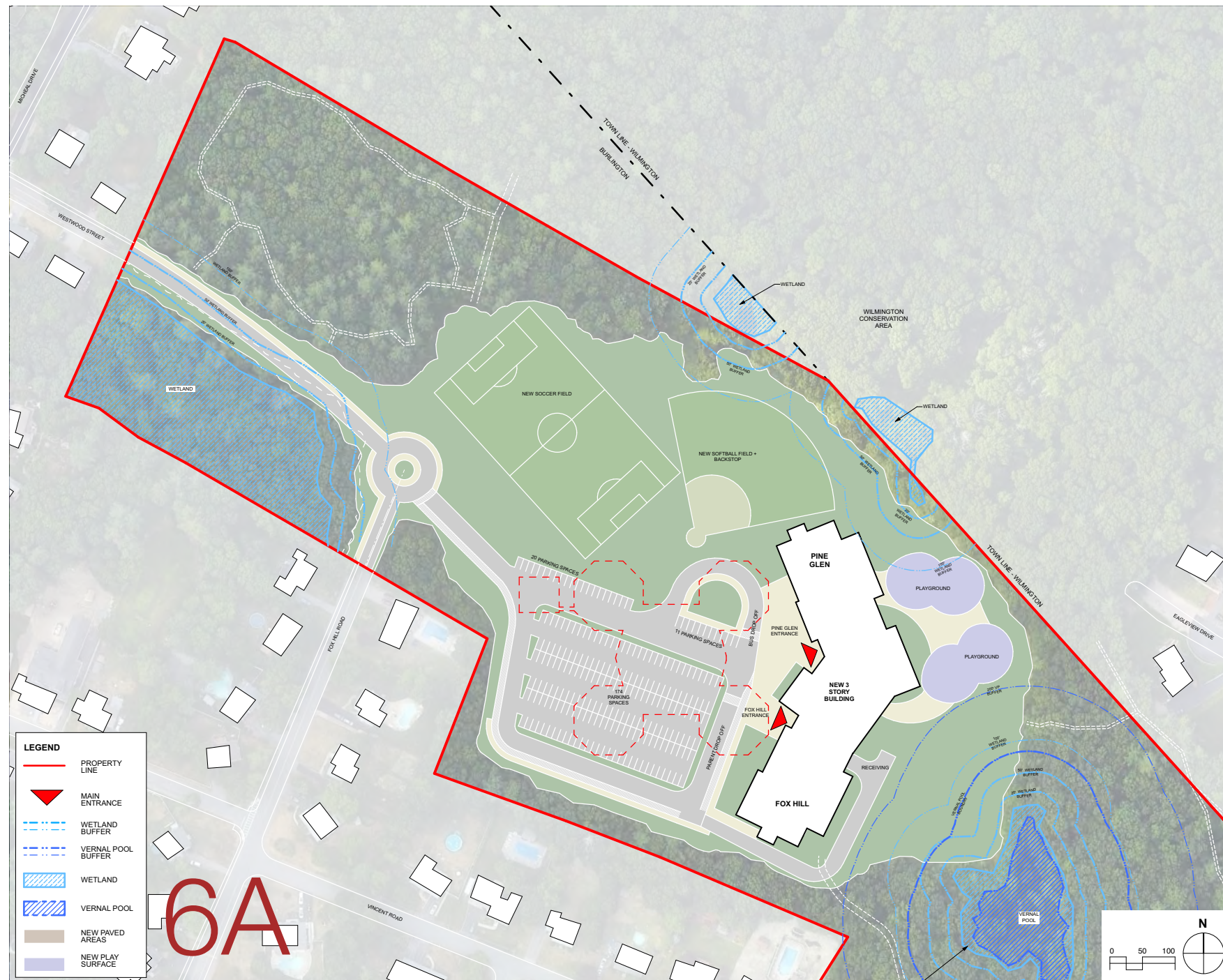


3D
Two-story building on northern part of the Fox Hill site

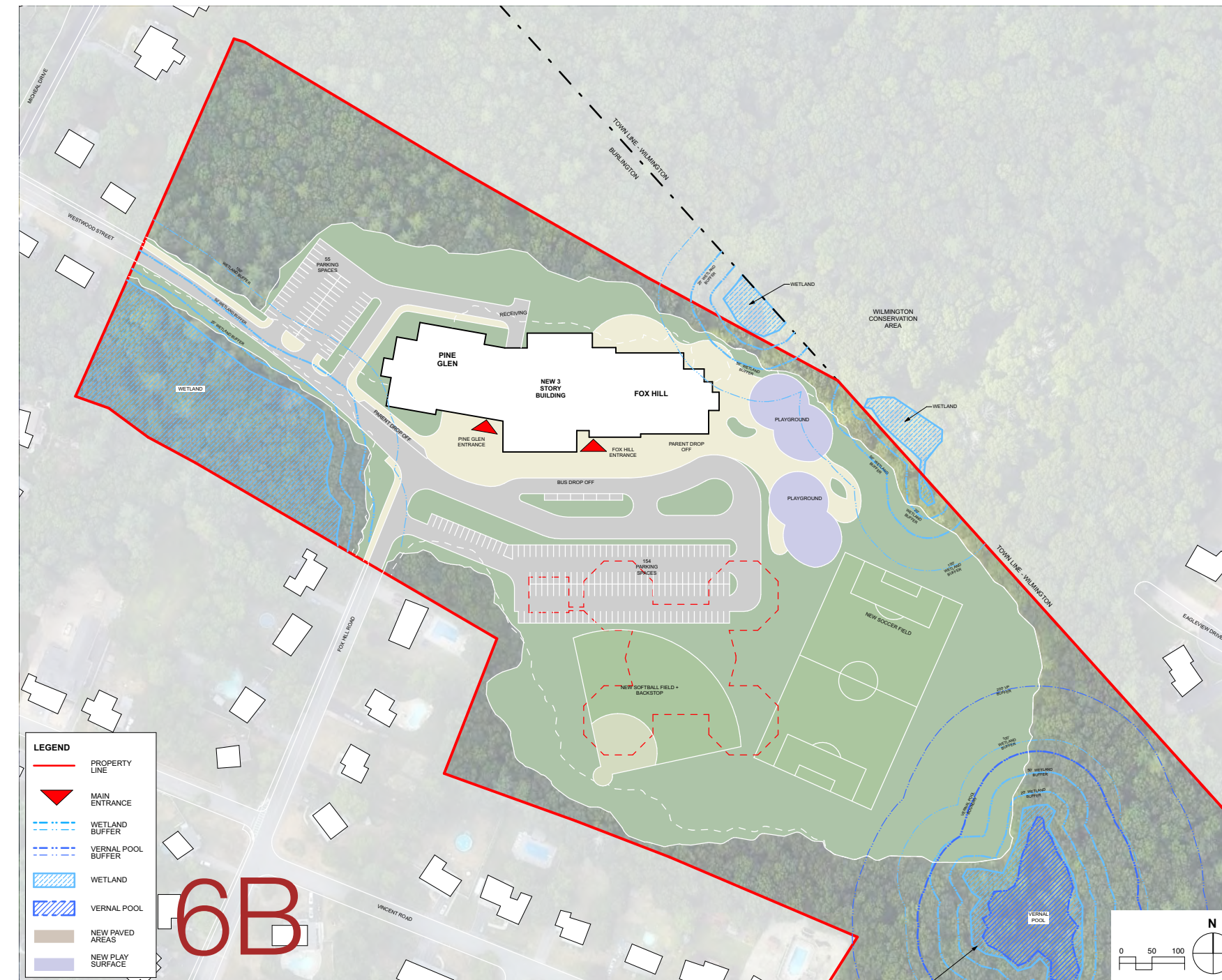
- Options provide for 2 story or 3 story school
- Meets educational program
- All options provide improved traffic with full on-site queuing
- Existing school remains operational during construction
- Existing building to be demolished after new building is complete
- Pine Glen remains as is

Option 6 | Fox Hill + Pine Glen New Construction | Conceptual

- Proposed 3-story building. Two story option being studied.
- Two independent schools with separate entrances
- Each school has dedicated playgrounds
- Meets educational program
- Both options provide improved traffic with full on-site queuing
- Existing school remains operational during construction, demolished after completion
- Pine Glen becomes available for alternative use such temporary student space during HS construction project, BECC, other



Three-story building on eastern part of the Fox Hill site



Three-story building on northern part of the Fox Hill site

Preliminary Evaluation of Alternatives | Cost Summary

Option No.	Description	Total Project Cost	District Bond Amt.	Residential Tax Impact/yr \$FY24
3A	Fox Hill ES: New 3 story (Eastern site)	\$102.0M	\$77.3M	233
3B	Fox Hill ES: New 3 story (Northern site)	\$102.6M	\$77.9M	235
3C	Fox Hill ES: New 2 Story (Eastern site)	\$106.8M	\$80.7M	243
3D	Fox Hill ES: New 2 story (Northern site)	\$107.2M	\$82.5M	248
6A	Fox Hill & Pine Glen ES: New 2 story (Eastern site)	\$151.8M	\$111.6M	336
6B	Fox Hill & Pine Glen ES: New 2 story (Northern site)	\$151.5M	\$111.3M	335
	<i>Fox Hill ES (MSBA) + Pine Glen ES</i>	<i>\$205.8M</i>	<i>178.2M</i>	<i>510</i>

***District bond amount and residential tax impact figures provided by Burlington Ways & Means Committee*

Full data available at: <https://tinyurl.com/BurlDebt>

MSBA Process

Module 3 Activities - Feasibility Study:

Preliminary Design Program (PDP) ~ Submitted to MSBA July 14, 2023

Preferred Schematic Report (PSR) ~ December 2023

- Summarize the Preliminary and Final Evaluation of Alternatives
- Cost comparison table
- District's selection of the most cost effective and educationally appropriate preferred solution to the MSBA

MSBA Board Approval of PSR ~ February 2024

Module 4 Activities – Schematic Design:

Schematic Design Submission ~ June 2024

- Final design program
- More detailed cost estimates
- Preliminary Plans / Specs

MSBA Board Approval of Schematic Design ~ August 2024

Local Project and Funding Approval ~ September 2024



Preliminary Criteria Matrix | Priorities and Criteria | Option 3

Rating system: Use three levels as follows:

Not favorable = 1
Neutral = 2
Favorable = 3

Evaluation criteria based upon priorities	Option 3 Fox Hill School Only	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	Concept Facts																			
1 Size of site (acres)	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac
2 Usable size of site (acres)	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac
3 Site environmental (wetlands, etc)	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac
4 Classroom count	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
5 Building gross square feet (GSF)	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF	92,000 SF
6 Project Cost																				
7 Net Zero Capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Equity to Other Elementary Schools																				
1 Equity between Fox Hill and Pine Glen	1	1	1	3	1	2	3	1	1	2	2	2	1	2	2	2	1	2	1	1
2 Equity among all elementary schools	1	1	1	3	1	2	3	1	1	2	2	2	1	3	2	2	1	2	1	1
Cost and Schedule																				
1 Project Cost, \$million	3	1	1	1	1	3	3	3	3	2	3	2	3	3	3	3	3	2	3	3
2 Cost to the Town	3	2	1	1	1	3	3	1	3	2	3	2	3	3	3	3	3	2	3	3
3 District's annual operating expenses	2	2	2	3	1	3	3	2	2	2	3	2	2	3	2	3	3	2	2	2
4 Allows students to move in to new school 2028	2	3	1	3	3	3	3	2	2	2	2	3	2	3	3	2	3	3	3	2
5 Requires swing space	3	3	3	3	3	3	2	3	3	3	2	2	3	3	3	2	2	2	2	3
Educational																				
1 Meets educational program for all students + design enrollment	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1 Size of spaces	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2 Optimizes configuration and adjacency of teaching spaces	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 Educational program flexibility	3	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 Provides outdoor learning opportunities	3	3	3	1	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3
5 Provides flexibility for future growth	3	1	2	3	1	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
6 Provides flexibility for fluctuation of grade cohort sizes	2	1	2	3	2	3	3	2	2	1	2	3	2	3	3	2	2	3	2	2
7 Allows for efficient program design layout	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8 Minimizes school disruption	3	2	2	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3
Building																				
1 Allows for a contextually sensitive design	3	3	2	2	2	3	3	3	3	2	2	3	3	3	3	2	2	3	3	3
2 Allows efficient attainment of Green School/Stretch Code requirements	3	3	2	2	2	3	3	3	3	3	2	3	3	3	3	2	2	3	3	3
3 Optimizes use of natural light and daylighting	3	3	3	2	3	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3
4 Optimizes connection of outdoor/indoor space, integration with site	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
5 Meets ADA requirements efficiently	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
6 Addresses all outdated elementary schools	1	1	1	3	1	2	2	1	1	1	2	1	1	2	1	2	1	1	1	1
Site																				
1 Maximizes efficient utilization of site	3	1	2	2	1	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
2 Provides additional space for Town recreation	3	3	3	2	3	3	3	3	3	3	1	3	3	3	3	1	2	3	3	3
3 Optimizes outdoor program space and green space	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 Optimizes safety and efficiency of on site drop off	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5 Separates safe circulation of bus, vehicle, pedestrian and bike access	3	3	3	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3
6 Provides sufficient parking for teachers, staff + visitors	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
7 Improves off site traffic impact	3	3	3	2	3	3	3	3	3	2	3	3	3	3	3	3	2	3	3	3
8 Improves pedestrian safety and access	3	3	3	2	3	3	3	3	3	2	3	3	3	3	3	3	2	3	3	3
9 Allows for future expansion	3	2	3	3	1	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3
Sustainability																				
1 Ease of maintenance / maintenance costs	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	2	2	3	3
2 Site requirements	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
3 Cost	3	2	3	3	3	3	3	3	3	3	2	3	3	3	3	2	2	2	3	3
4 Optimizes solar (PV) opportunities	2	1	2	3	2	2	3	2	3	2	3	2	2	3	2	2	2	2	2	2
5 Minimizes embodied carbon footprint with building reuse	1	1	1	1	1	1	3	1	1	3	2	1	1	3	1	2	2	1	1	1
6 Achieves Town goal for fossil free building HVAC systems	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
7 Optimizes building orientation	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3
8 Allows efficient attainment of Green School/Stretch Code requirements	3	3	3	2	3	3	3	3	3	2	3	3	3	3	3	3	2	3	3	3
9 Optimizes building envelope thermal performance	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	2	2	2	3
Construction Impacts / cost																				
1 Building construction cost	3	2	2	1	1	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
2 Site construction cost	3	2	2	3	1	3	2	3	3	3	3	3	3	3	3	3	2	3	3	3
3 Construction Duration impact	3	2	2	3	2	3	2	3	3	2	3	3	3	3	3	3	3	3	3	3
4 School disruption impacts	3	1	2	3	2	3	2	3	3	2	3	3	3	3	3	3	2	3	3	3
5 Construction impacts on abutters	2	2	2	3	1	3	3	2	2	2	3	3	2	3	3	3	2	3	3	2
Operational costs																				
1 Life Cycle Cost Analysis (LCCA)	2	2	2	3	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2	2
2 Annual Operating Cost	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
3 Cost for solar as it relates to operating cost (annual)	2	3	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
Community																				
1 Provides additional community/school asset	1	1	1	2	1	1	3	1	1	2	2	3	1	3	2	2		3	1	1
Total Score Project Team	129	112	112	118	107	136	138	127	130	124	130	130	129	145	135	130	110	130	129	

Preliminary Criteria Matrix | Priorities and Criteria | Option 6

Rating system: Use three levels as follows:

Not favorable = 1
Neutral = 2
Favorable = 3

Evaluation criteria based upon priorities		Option 6 Fox Hill and Pine Glen Combined																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Concept Facts																			
1	Size of site (acres)	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac	37.90 ac
2	Usable size of site (acres)	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac	17.90 ac
3	Site environmental (wetlands, etc)	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac
4	Classroom count	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
5	Building gross square feet (GSF)	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF	152,000 SF
6	Project Cost																		
7	Net Zero Capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Equity to Other Elementary Schools																			
1	Equity between Fox Hill and Pine Glen	3	3	2	3	2	2	3	3	2	3	2	3	3	2	3	3	2	3
2	Equity among all elementary schools	3	2	1	2	2	2	2	2	2	1	2	2	3	2	1	1	2	2
Cost and Schedule																			
1	Project Cost, \$million	3	2	1	2	1	2	1	1	2	2	2	1	1	1	2	1	2	2
2	Cost to the Town	3	2	1	2	2	2	3	2	2	2	2	2	1	1	2	1	2	2
3	District's annual operating expenses	3	2	3	2	2	2	3	3	2	3	2	3	1	2	3	1	2	3
4	Allows students to move in to new school 2028	3	3	3	3	2	3	2	2	2	2	3	2	3	3	2	3	3	2
5	Requires swing space	3	3	3	3	3	2	3	3	3	2	2	3	3	3	2	2	2	3
Educational																			
1	Meets educational program for all students + design enrollment	3	3	2	3	3	3	3	3	3	3	2	3	3	3	3	3	2	3
1	Size of spaces	3	3	3	3	3	3	3	3	3	3	2	3	2	2	3	3	2	3
2	Optimizes configuration and adjacency of teaching spaces	3	3	3	3	3	3	3	3	3	1	1	3	3	3	1	3	1	3
3	Educational program flexibility	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	2	1	3
4	Provides outdoor learning opportunities	3	3	1	3	2	3	2	2	1	1	3	2	3	2	1	2	3	3
5	Provides flexibility for future growth	3	2	1	3	2	3	2	2	1	1	3	2	2	1	1	3	3	3
6	Provides flexibility for fluctuation of grade cohort sizes	3	3	3	2	2	2	2	2	2	1	1	2	3	2	1	3	1	2
7	Allows for efficient program design layout	3	3	2	3	2	3	2	2	3	2	2	2	2	2	2	1	2	3
8	Minimizes school disruption	2	2	1	2	1	2	2	2	2	1	1	2	1	1	1	2	1	3
Building																			
1	Allows for a contextually sensitive design	3	2	2	2	2	2	2	2	2	1	2	1	2	2	1	1	1	3
2	Allows efficient attainment of Green School/Stretch Code requirements	3	3	2	3	3	3	3	3	3	2	3	3	3	3	2	2	3	3
3	Optimizes use of natural light and daylighting	3	3	2	3	3	3	3	3	3	2	3	3	3	2	2	2	3	3
4	Optimizes connection of outdoor/indoor space, integration with site	3	3	1	3	3	3	3	3	2	3	3	3	2	2	3	2	3	3
5	Meets ADA requirements efficiently	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3
6	Addresses all outdated elementary schools	3	3	3	3	2	2	3	3	1	3	2	3	3	1	3	3	2	3
Site																			
1	Maximizes efficient utilization of site	3	3	2	3	3	3	3	3	2	3	2	3	2	1	3	2	2	3
2	Provides additional space for Town recreation	3	2	2	2	1	3	2	2	2	2	3	2	3	1	2	3	3	3
3	Optimizes outdoor program space and green space	3	2	1	2	2	3	3	3	2	3	3	3	2	1	3	2	3	3
4	Optimizes safety and efficiency of on site drop off	3	3	2	3	3	3	3	3	2	3	1	3	2	1	3	2	1	3
5	Separates safe circulation of bus, vehicle, pedestrian and bike access	3	3	2	3	3	3	2	3	3	3	1	3	3	1	3	2	1	3
6	Provides sufficient parking for teachers, staff + visitors	3	3	3	3	3	2	3	3	3	3	1	3	2	1	3	2	1	3
7	Improves off site traffic impact	3	3	2	3	2	3	3	2	2	1	1	3	3	1	1	1	1	3
8	Improves pedestrian safety and access	3	3	2	3	2	3	3	3	2	1	1	3	3	1	1	1	1	3
9	Allows for future expansion	2	2	2	3	2	3	2	2	1	1	3	2	3	1	1	3	3	3
Sustainability																			
1	Ease of maintenance / maintenance costs	3	3	3	3	3	2	3	3	3	2	3	2	2	3	2	2	2	3
2	Site requirements	3	2	2	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2
3	Cost	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2
4	Optimizes solar (PV) opportunities	3	3	1	3	2	3	3	3	3	2	2	3	3	3	2	2	2	3
5	Minimizes embodied carbon footprint with building reuse	1	1	1	1	1	1	1	1	3	2	1	1	3	1	2	2	1	1
6	Achieves Town goal for fossil free building HVAC systems	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3
7	Optimizes building orientation	3	3	3	3	3	2	3	3	3	2	3	3	2	2	2	2	3	3
8	Allows efficient attainment of Green School/Stretch Code requirements	3	3	2	3	3	3	3	3	2	3	3	3	3	3	3	2	3	3
9	Optimizes building envelope thermal performance	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	2	2	3
Construction impacts / cost																			
1	Building construction cost	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
2	Site construction cost	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
3	Construction Duration impact	2	2	1	2	2	2	3	3	2	3	2	3	3	1	3	1	2	3
4	School disruption impacts	1	2	1	2	2	2	3	3	2	1	1	3	2	2	1	1	1	3
5	Construction impacts on abutters	2	2	1	1	1	3	2	2	1	1	1	2	1	1	1	1	1	2
Operational costs																			
1	Life Cycle Cost Analysis (LCCA)	2	3	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2
2	Annual Operating Cost	2	3	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2
3	Cost for solar as it relates to operating cost (annual)	3	2	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2
Community																			
1	Provides additional community/school asset	3	3	2	3	1	3	3	3	3	2	3	3	3	2	2		3	1
	0	134	128	101	130	110	124	125	123	108	105	99	124	119	91	105	93	99	128

Key Dates

- School Building Committee Meeting October 3, 2023
 - ▶ Further Discussion, review of thought exchange input
- School Building Committee Meeting October 30, 2023
 - ▶ Further Discussion on options
- School Building Committee Meeting November 2023
 - ▶ Vote for preferred option
- Draft Preferred Schematic Report December 6, 2023
- School Building Committee Meeting December 2023
 - ▶ Vote to submit Preferred Schematic Report
- MSBA Board Meeting to proceed into Schematic Design February 2024



Stay Connected

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Community Engagement | Public Comment / Q&A Conversation

Housekeeping Notes:

- Please state your name
- Please raise your hand to speak
- Please respect the three minute time limit to speak
- If remote, please post your comment / question in the chat

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Commit to equitable and inclusive engagement

Using ThoughtExchange lets participants comfortably share their honest thoughts, experiences, and ideas with their peers and leaders. With anonymous sharing and randomized peer-to-peer rating, participants avoid bias by rating ideas on their merit, not on who's sharing or endorsing them.

Community Engagement | Thought Exchange

- Share: share your thoughts, questions, or comments
- Rate: read & rate thoughts shared by you and other participants
- View results: learn what matters to the group
- Re-engage: come back as the exchange updates



Community Engagement | Thought Exchange

SHARE THOUGHTS:

share your thoughts, questions, or comments in response to open-ended questions, independently and confidentially

RATE THOUGHTS:

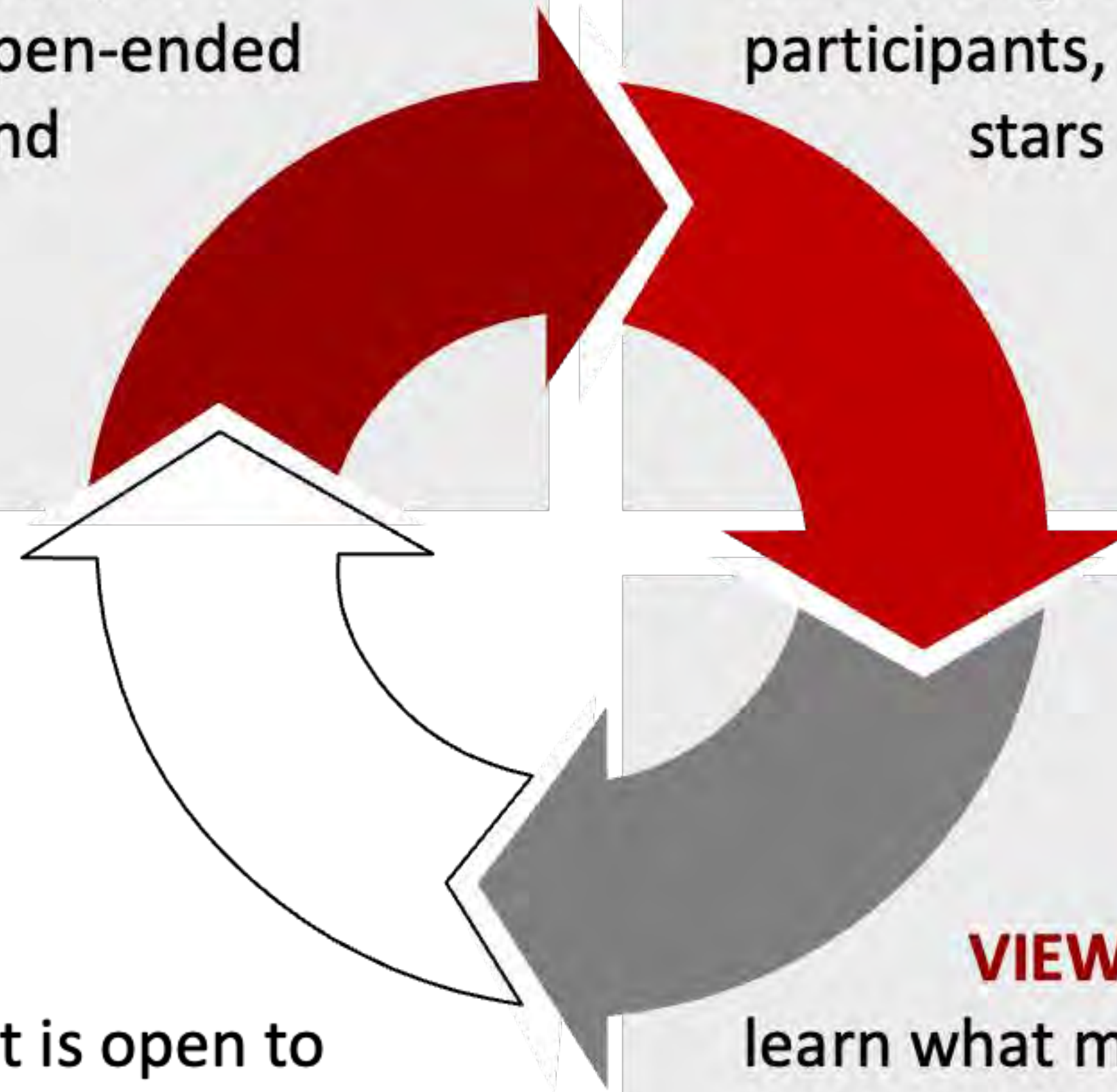
read thoughts shared by you and other participants, and rate each one out of 5 stars

RE-ENGAGE:

Return to the survey while it is open to provide new thoughts, see new thoughts from participants, and continue rating

VIEW RESULTS:

learn what matters to the group by exploring the thoughts and how they were rated



Community Engagement | Thought Exchange



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Community
Presentation

BURLINGTON ELEMENTARY SCHOOL

Burlington, MA

September 18, 2023