Fox Hill Elementary School - Burlington, MA — **Options and Evaluation Matrix**

● Favorable ⊙ Neutral ○ Unfavorable

	Evaluation criteria based upon priorities	Proposed Concepts							
		Option 1 Fox Hill School Only (325 Students)	Option 2 Fox Hill School Only (325 Students)	Option 3 Fox Hill School Only (325 Students)	Option 4 Fox Hill School Site (640 Students)	Option 5 Fox Hill School Site (640 Students)	Option 6 Fox Hill School Site (640 Students)	Option 7 Pine Glen School Site (640 Students)	Option 8 Pine Glen School Site (640 Students)
		Code Upgrades + Repairs no addition	Renovation + Addition	Full demo + new construction	Code Upgrades + Repairs no addition	Renovation + addition	Full demo + new construction	Renovation + addition	Full demo + new construction
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	11.80 ac.	11.80 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	9.6 ac.	9.6 ac.
3	Site environmental (wetlands, etc)	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	20.00 ac	2.20 ac	2.20 ac
4	Classroom count	18	18	18	18	36	36	36	36
5	Building gross square feet (GSF)	64,400 SF	100,000 SF	92,000 SF	64,400 SF	160,000 SF	152,000 SF	160,000 SF	152,000 SF
6	Net Zero Capability								
Equity to Other Elementary Schools									
1	Equity between Fox Hill and Pine Glen								
2	Equity among all elementary schools								
Cost and Schedule									
1	Project Cost, $million								
2	Cost to the Town								
3	District's annual operating expenses								
4	Allows students to move in to new school 2028								
5	Requires swing space								
Educational									
1	Meets educational program for all students + design enrollment								
1	Size of spaces								
2	Optimizes configuration and adjacency of teaching spaces								
3	Educational program flexibility								
4	Provides outdoor learning opportunities								
5	Provides flexibility for future growth								
6	Provides flexibility for fluctuation of grade cohort sizes								
7	Allows for efficient program design layout								
8	Minimizes school disruption								
Building									
1	Allows for a contextually sensitive design								
2	Allows efficient attainment of Green School/Stretch Code requirements								
3	Optimizes use of natural light and daylighting								
4	Optimizes connection of outdoor/indoor space, integration with site								
5	Meets ADA requirements efficiently								
6	Addresses all outdated elementary schools								
Site									
1	Maximizes efficient utilization of site								
2	Provides additional space for Town recreation								
3	Optimizes outdoor program space and green space								
4	Optimizes safety and efficiency of on site drop off								
5	Separates safe circulation of bus, vehicle, pedestrian and bike access								
6	Provides sufficient parking for teachers, staff + visitors								
7	Improves off site traffic impact								
8	Improves pedestrian safety and access								
9	Allows for future expansion								
Sustainability									
1	Ease of maintenance / maintenance costs								
2	Site requirements								
3	Cost								
4	Optimizes solar (PV) opportunities								
5	Minimizes embodied carbon footprint with building reuse								
6	Achieves Town goal for fossil free building HVAC systems								
7	Optimizes building orientation								
8	Allows efficient attainment of Green School/Stretch Code requirements								
9	Optimizes building envelope thermal performance								
Construction impacts / cost									
1	Building construction cost								
2	Site construction cost								
3	Construction Duration impact								
4	School disruption impacts								
5	Construction impacts on abutters								
Operational costs									
1	Life Cycle Cost Analysis (LCCA)								
2	Annual Operating Cost								
3	Cost for solar as it relates to operating cost (annual)								
Community									
1	Provides additional community/school asset								