

Information About the Stoneham High School Feasibility Study



The Stoneham School Building Committee (SSBC) is comprised of municipal employees from the School and Town departments, elected representatives from the Select Board, School Committee and Finance and Advisory Board and citizens with a variety of talents and skills suited to the work of bringing a 21st century high school to the students and community of Stoneham. Since being appointed in early 2019, the SSBC has led the development of the Feasibility Study. A series of community outreach meetings

were hosted to share the latest updates on the process of the study and collect feedback comments.

After a comprehensive study of design alternatives proposed by Architect Perkins&Will, the SSBC voted for Option 4B as the Preferred Solution to submit to the Massachusetts School Building Authority (MSBA). Below images show site plan, floor plans and bird's eye view of Option 4B.

Features and benefits of Option 4B include:

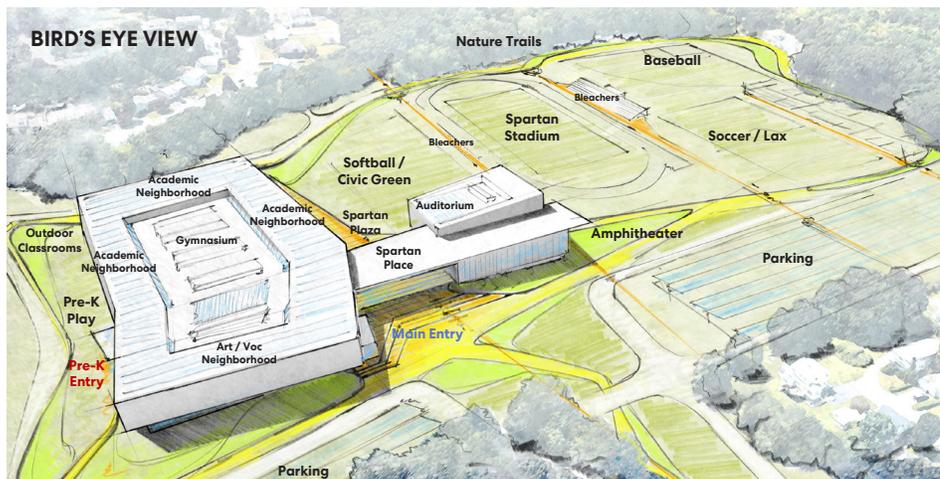
- New building located to the north and east of the existing building
- Optimized building orientation for daylighting/Zero Net Energy design
- Optimized orientation of ALL athletic fields and upgraded facilities
- Upgraded roadways and parking and improved traffic on Franklin Street
- Pedestrian connection from community to expeditionary trail
- District Offices and Pre-K program

SITE PLAN

- 1 - TENNIS (5 Courts)
- 2 - SOFTBALL
- 3 - BASEBALL
- 4 - SOCCER
- 5 - TRACK
- 6 - WETLAND
- 7 - PARKING
- 8 - PRACTICE FIELD
- 9 - SPARTAN STADIUM
- 10 - FIELD HOCKEY
- 11 - PICKLEBALL
- 13 - ATHLETIC BUILDING
- 14 - PREK. PLAY
- 15 - SPARTAN PLAZA
- 16 - HOME BLEACHERS
- 17 - VISITOR BLEACHERS
- 18 - LANDSCAPE LOOP
- 19 - OUTDOOR CLASSROOMS
- 20 - COMMUNITY GARDEN
- 21 - AMPHITHEATER
- 22 - CIVIC GREEN



BIRD'S EYE VIEW



Perkins&Will SMMA

Next Steps

SSBC meetings are every two weeks. Meetings and agendas are posted on the project website.

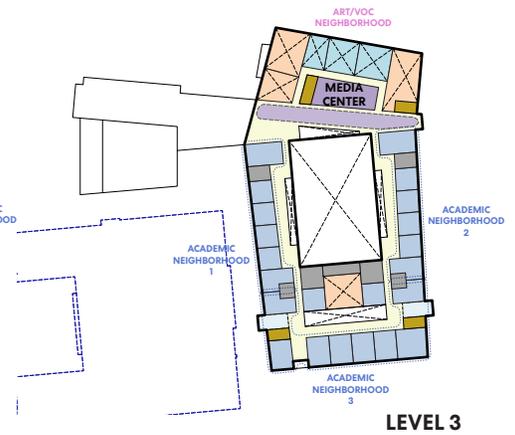
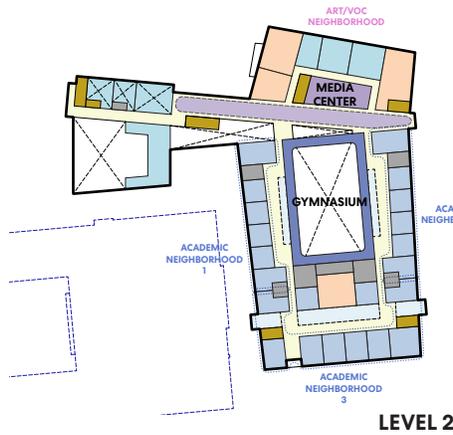
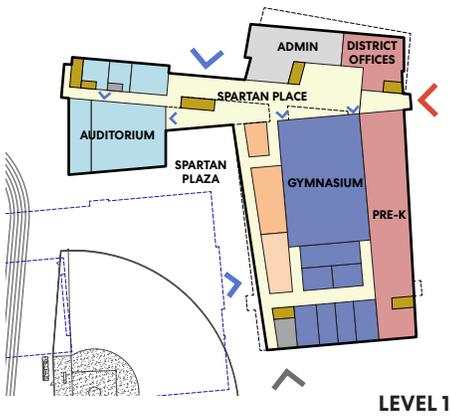
Upcoming SSBC Meetings

- February 8, 2021
- February 22, 2021
- March 8, 2021
- March 22, 2021

Upcoming Milestones

- February 11, 2021** – MSBA Board Meeting to approve PSR Submission
- February 22, 2021** – Approve Construction Manager Firm
- February 24, 2021** – Community Forum No. 5
- April 2021** – Community Forum No. 6
- June 2021** – Community Forum No. 7
- July 7, 2021** – Submit Schematic Design (SD) documents to MSBA
- August 25, 2021** – MSBA Board meeting vote to approve project
- Fall 2021** – Stoneham Town Votes

FLOOR PLANS



1. Why are we performing a Feasibility Study?

The 52-year-old Stoneham High School, originally constructed as a Junior High School, has served the community well. The school has reached a point that it no longer meets today’s building codes, has inefficient and inoperable building systems and does not support the educational curriculum. The Massachusetts School Building Authority (MSBA) visited the school and agrees. The goal of the Feasibility Study is to investigate the existing conditions and develop a cost effective, sustainable and educationally appropriate solution to the aging Stoneham High School. The MSBA process is rigorous and transparent, and with the approval of the MSBA, the state will provide a grant to support the cost of the project.

2. How long has the Feasibility Study been underway?

This process commenced over seven years ago with the submission of the initial Statement of Interest (SOI) for the Stoneham High School to the MSBA by the Select Board and School Committee. The MSBA deferred the SOI, as well as subsequent submissions for five successive years until the March 2018 submission, which MSBA reviewed and approved in December 2018, agreeing that a Feasibility Study should be undertaken on Stoneham High School.

3. What options have been studied?

Ten (10) design alternatives were discussed and evaluated over the course of sixteen (16) SSBC meetings and four (4) community forums. The committee focused on the following criteria when developing the options: educational benefits, cost, minimal disruption during construction, sustainability, community use and traffic.

After reviewing five (5) design options, narrowed down from ten (10) initial options, the SSBC, on December 16, 2020, made the final selection of the Preferred Solution - **Option 4B**. Option 4B is an all new construction three-story building, located to the north and east of the existing building.

The estimated Total Project Cost and approximate cost to Stoneham, after MSBA reimbursement, for each of the five (5) option are listed below.

4. What does Zero Net Energy mean and why is it important to Stoneham?

Zero Net Energy (ZNE) means a building produces as much clean, renewable energy on the building and surrounding grounds in a given year (continuous 365 days) as it uses from the electric company. So overall at the end of the one-year period, it has zeroed out the energy it used from the utility by producing an equal amount of clean renewable energy locally. This

is important to Stoneham as the high school will be the single largest energy use building in Town and being Zero Net Energy will reduce Town costs over the decades to come.

5. Will Franklin Street traffic be affected?

Design Option 4B includes mitigation measures to improve the traffic along Franklin Street, especially during morning school arrivals. The roadways and parking in each design option have been expanded and redesigned to improve traffic flow and provide more queuing space for cars on site and off of Franklin Street. Additionally, a new traffic signal is being planned for the Stevens Street and Franklin Street intersection, synchronized with the new signal at the school entrance to improve traffic circulation.

6. When will the Town be voting to approve the project?

SSBC anticipates that Fall 2021 Town Meeting will be asked to approve the project to be placed on a ballot. The ballot vote is anticipated thereafter to approve the exclusion of the costs from the so-called Proposition 2 ½.

7. How can I keep informed of the high school project?

You can visit <https://www.stoneham-ma.gov/hsbc> to find a complete list of Committee members, contact information and all published documentation.

OPTIONS	APPROX. TOTAL PROJECT COST	APPROX. COST TO STONEHAM
Code Repair Only (Option 1A)	\$115.5M	\$62.9M
Renovation Only (Option 2A)	\$168.4.4M	\$110.1M
Renovation/Addition (Option 3A)	\$181.9M	\$128.7M
New Construction (Option 4A)	\$177.4M	\$126.4M
New Construction (Option 4B)	\$176.2M	\$125.3M

