

High School Building Committee  
Meeting Minutes September 1, 2020

**SSBC Members**

Gordon Gladstone, Chair	Marty Richards	Colleen Tuck
Deb Benjamin, Vice Chair	Richard Slater <i>absent</i>	Sara Winthrop
Matt Grosshandler	Steve Smith	
Rick Rice	Roger Thibault	

**SBC Attendees and Others**

Judy Crosby– SBC – HS <i>Present</i>	Kevin Nigro – PMA – HS <i>Present</i>
Julie Rowe– SBC – HS <i>Present</i>	Matt Gulino – PMA – HS
Joe Scozzaro SPC - HS <i>Present</i>	Chris Blessen – Tappe – HS <i>Present</i>
Victoria Greer – SBC – HS	Chris Sharkey – Tappe – HS <i>Present</i>
Tony Kopacz – SPS – HS <i>Present</i>	Christian Riordan – Consigli – HS
Ken Wertz - SBC – HS <i>Present</i>	Kristy Lyons – Consigli – HS
Liz Murphy – SPC – Asst. Superintendent <i>Present</i>	Tim Ericson – Consigli – HS
	Kyle Raposo – Consigli – HS
Kevin J. Bala Consultants	Chandler Rudert – Consigli –HS

**1. ADMINISTRATION: Gordon reads script from Town Administrators Office regarding the remote meeting**

The meeting opened with a roll call acknowledgement of all members in attendance.

The meeting opened at 6:33pm

**2. High School Project**

Project Team Update

- High School Field  
Project team and SSBC to discuss plan for the field moving forward. At the request of the SSBC, the Conservation Commission has held open the public hearing for the High School field. The High School Building Committee must make a recommendation to the SSBC in regards to this matter.

**MOTION:** To recommend to the SSBC that they request of the architect to close the public hearing for the High School Field. (Rowe/Benjamin) unanimous

- HVAC Design Review for Improved Ventilation  
Tappe and Bala Engineering to discuss potential HVAC design options to deal with air borne pathogens. There are numerous components in the HVAC system for the High School. They are: Mixed/Recirculation Air Systems – RTU, Dedicated outside Air Systems – HRU & ERV, Classroom VRF Fan Coil Units , Office VRF Fan Coil Units, Ductless Split AC Units. The discussion included the benefits of a BiPolar Ionization System and a UVC to kill viruses. What would happen if the energy recovery wheels are shut down, would a UVC system be more efficient. The energy wheels are designed to capture particles and treat them. Would the UVC system be placed on the Supply Side to treat the return There are long term benefits to these types of systems to reduce the impact of the FLU and the common cold. There was additional discussion on the number of air changes per hour throughout the space.

David Shore – Sharon Resident – Environmental Scientist – asked about the latest reports from ASHRE and DECSE regarding increasing outside air to 150% over code or to 61.1. Bipolar ionization – Why would we want to use this if this system has not been tested to support their claims. There are not enough data analysis to support the recommendation of this system. Does not recommend UVC in the Supply system, they should be on the return system. The ductless systems should be reduced and ducted systems installed in their place.

David Ruggiero, Sharon's Energy Manager asked about the operational costs with these recommended upgrades.

A request was made to update the energy modeling component in regards to these upgrades.

The School Administration has not discussed the HVAC component enhancements. The Chair stated that he feels that the School Committee and School Administration would like us to take the most prudent measures in regards to school safety.

These recommended changes to the HVAC Systems would be in excess of \$275,000 based upon a unit price estimate.

- Egress – the question from the resident regarding the egress plans. The situation with fencing is temporary and changes will be made when site work and demolition of the weight room takes place. There will be a new plan in place prior to the start of school. A response will be sent to the school department with plans updated on the website.

**ADJOURNMENT:** Through unanimous consent the meeting ended at 8:12pm

Submitted:  
Maureen R. Doherty – Project Manager  
Sharon Standing Building Committee

***Gordon Gladstone***

---

(Gordon Gladstone) Signature of Chair

***September 15, 2020***

---

Date of Acceptance