

November 30, 2023

Lexington High School Project
School Building Committee Meeting #5
November 30, 2023 2:00 PM



1. **Call to Order & Intro**
2. Previous Topics & Meeting Minutes
3. Preliminary Schedule / Work Plan Review
4. Stakeholder Engagement
5. Updated MSBA Reimbursement
6. Article 97
7. Community Meeting Update
8. Website
9. Upcoming Meetings
10. Other Topics not Reasonably Anticipated 48 hours prior to the meeting.
 1. Working Group Discussion
11. Public Comment
12. Adjourn

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Previous Meeting Minutes

- Meeting minutes approval from 10/12/2023

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Feasibility & Schematic Timeline

Facilities Assessment Subcommittee Mtg

(FAS)
Apr 2024

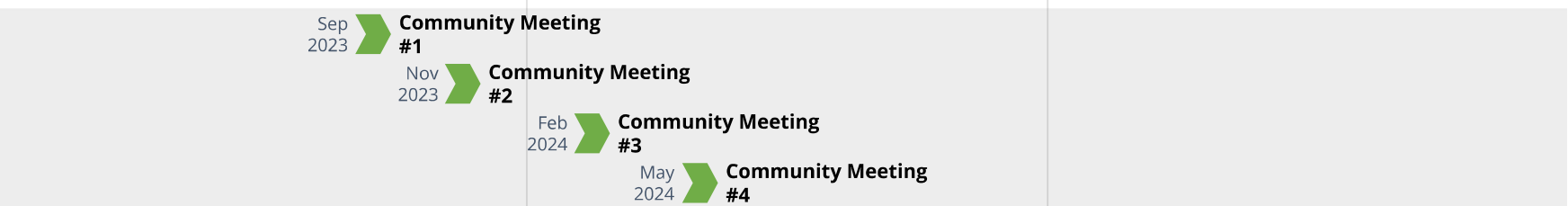
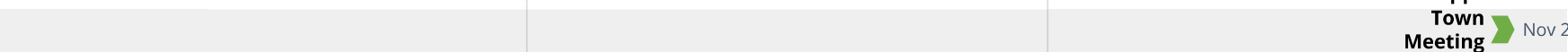
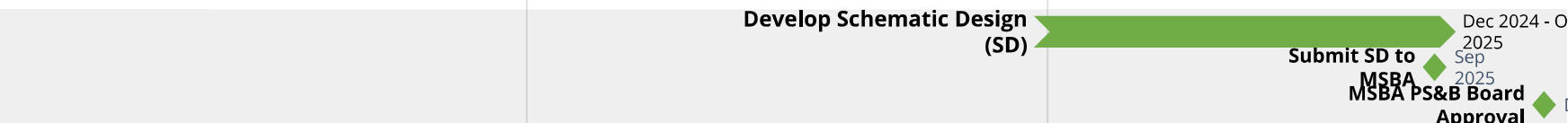
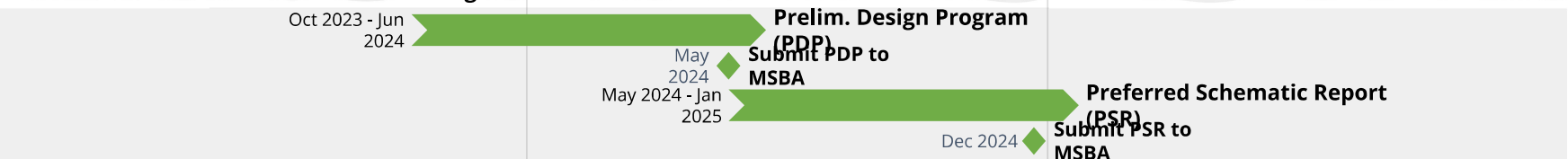
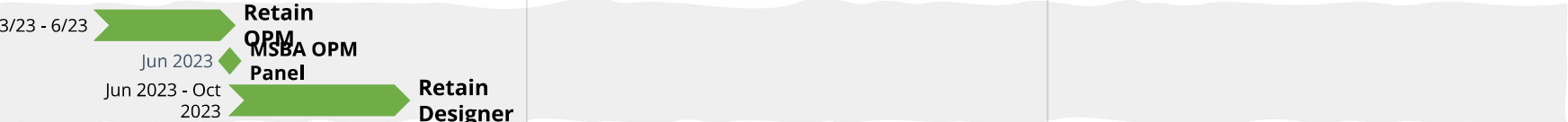
DSP Meeting
(Interviews)
2023

MSBA Board
Feasibility
Approval
2023

Today

MSBA PSR Board
Approval
2025

MSBA PS&B Board
Approval
Dec 2025



** All dates are preliminary and are subject to change as project details develop*

Preliminary Design Program (PDP) Nov '23 – June '24

- **Develop Educational Plan and Vision**

- Ed Plan drafted by District reviewed by SMMA team
- Four (4) Visioning Workshops scheduled
 - 12/05; 12/20; 01/10 & 01/24★
- Educational Programming Meeting with District and High School Leadership; Staff and Students being coordinated
 - Between 12/11 and 01/11 (approx. 5 days +/-)

- **Existing Building Condition Analysis**

- Full Design team to walk existing building and site
 - Architects, Structural engineers, HVAC, Electrical, Plumbing, Fire Protection engineers, civil engineers, landscape architects – 2-4 days in December

- **Existing Site Analysis & Investigation**

- Consultant Team scheduling site investigations – will occur over December and January
 - Survey – Property line, utilities and features
 - Existing Traffic patterns and counts
 - Wetland Flagging
 - Geo-Environmental research
 - Environmental Acoustics – Measures existing background noise
 - Geotechnical – To be scheduled during Design Alternatives
 - Geothermal – To be scheduled during Design Alternatives

Preliminary Design Program (PDP) Nov '23 – June '24

○ Design Alternatives ★

- Generate a space summary that defines the existing spaces and the proposed spaces to be evaluated – following evaluation of existing school and programming meetings
- Develop design alternatives that must include:
 - Code Upgrade Only - repair of systems, no modifications to spaces or their functions
 - Renovation(s) and/or additions
 - New Construction

○ Site Development requirements ★

- Define project requirements related to site development including but not limited to:
 - Pedestrian routes; bicycle and walking paths; parking counts
 - Emergency vehicle access
 - Safety and Security requirements
 - Fields and Open Space
 - Wetlands
 - Utilities

Preliminary Design Program (PDP) Nov '23 – June '24

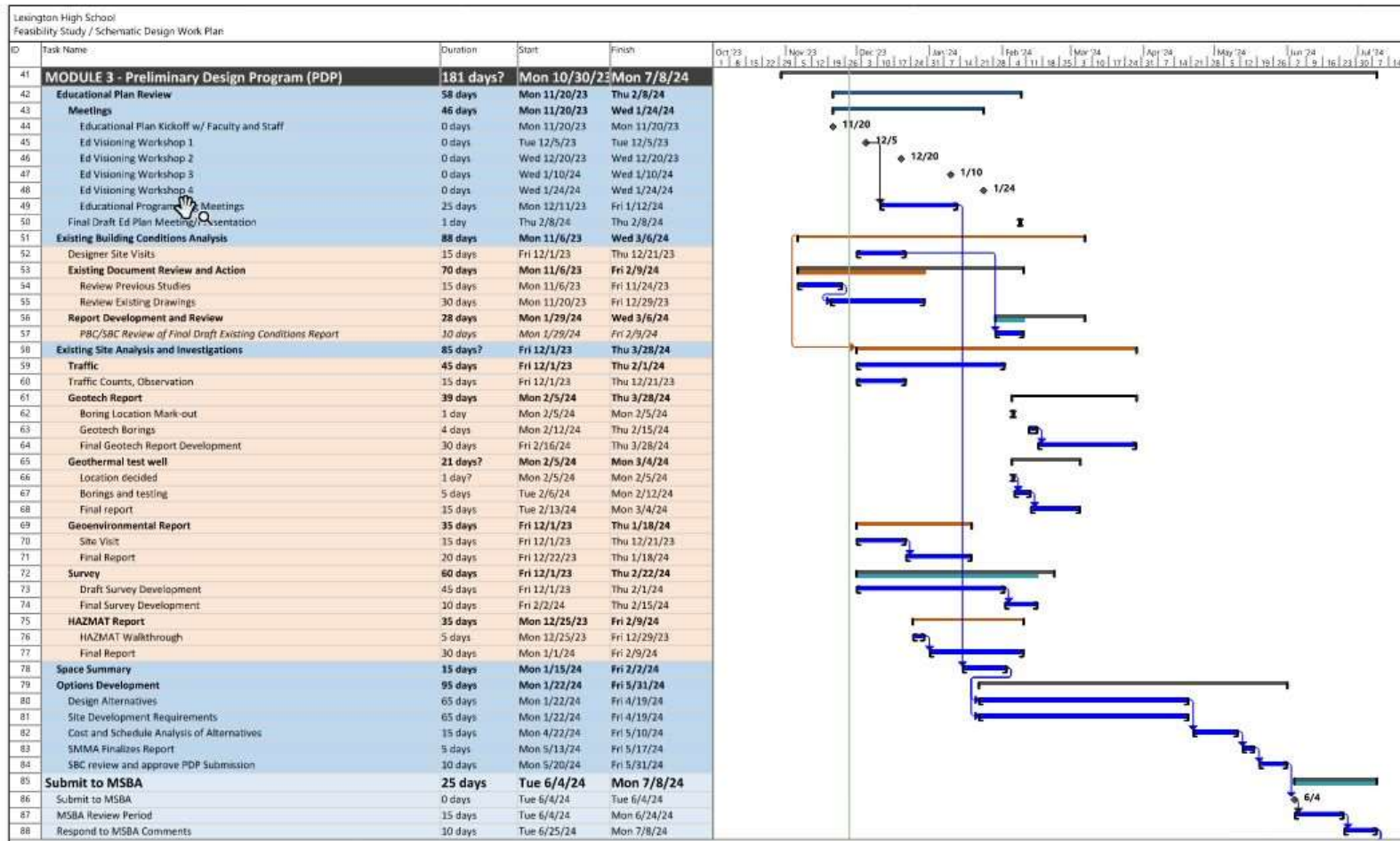
○ Systems and Sustainability ★

- Generate Project Targets collectively for inclusion into Alternatives including but not limited to:
 - LEED Lexington - **Established**
 - LEED Gold– **Established at 09/14 SBC Meeting, strive for Platinum**
 - EUI 25 or 30% better than ASHRAE – **Recommendation from PBC**
 - All Electric building – **Established at 09/14 SBC Meeting**
 - Net Zero Energy – **Recommendation from PBC maximize renewables**
 - Battery Storage - **Recommendation from PBC evaluate and present options**
 - Embodied Carbon – **Goal TBD**
 - Ground source or Air Source heat pumps – **System TBD**
 - Photo Voltaic & EV Charging locations – **Roof and Parking quantity TBD**
 - Health and Wellness - **Goal TBD**

○ Massing and materials ★

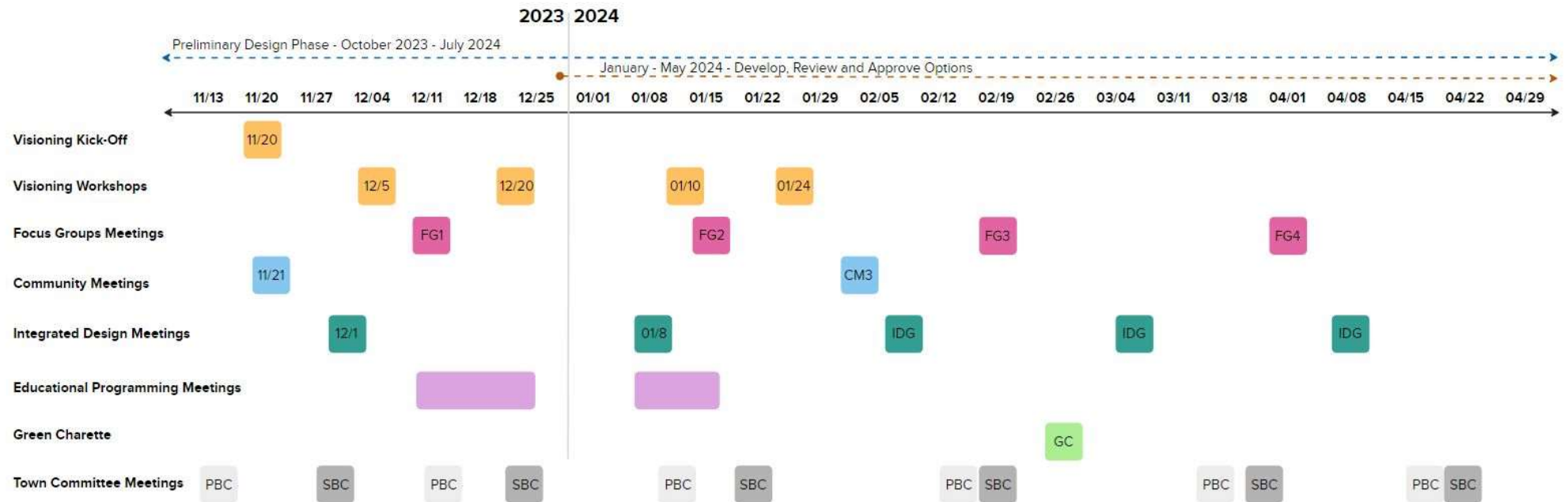
- Generate Project Goals collectively for inclusion into Alternatives including but not limited to:
 - Exterior materials and massing
 - Interior Materials – Red list materials, Maintainability
 - Define expansion potential
 - Safety and Security

Preliminary Design Program (PDP) Nov '23 – June '24



Integrated Design & Community Engagement

Engagement Timeline



Legend

Visioning	Ed Programming
Focus Groups	Green Charette
Community	Permanent Building Committee
Integrated Design	School Building Committee

Stakeholder Engagement

Educational Planning & Equity

Reviews overall goals from educational planning perspectives, educational programming meetings and visioning sessions.

Sustainability/ MEP Systems

Reviews preferred MEP systems, and sustainable design features and components, product selection for low/no VOC and renewable materials; site design and landscape features for environmentally friendly design.

Site, Safety & Security

Reviews development of the site design for traffic, circulation, safety and security. Includes conversations about parking, driveways and circulation, fields, and offsite improvements and coordination with Town Departments.

Exterior & Interior Design

Reviews exterior design concepts including composition of form and material selections such as brick, precast, metal panels etc. Review of the products and materials selected for finishes such as flooring, tile, ceilings, wood paneling, paint colors etc

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Article 97

Article 97 “establishes a right to a clean environment including its natural, scenic, historical, and aesthetic qualities for the citizens of the Commonwealth”.

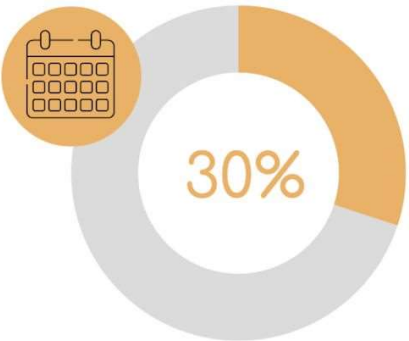
- » Affects athletic fields and park
- » Any change in use must show that the affected land will be replicated with an equivalent
- » Change in use/purpose requires:
 - 2/3 Town Vote
 - 2/3 Legislative Vote (typically takes ~1 year; must begin *after* Town Vote)



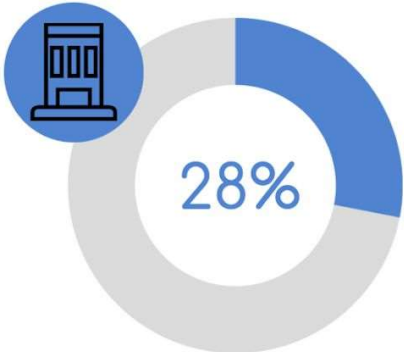
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WHAT ARE YOU MOST EXCITED TO
LEARN ABOUT THIS PROCESS?

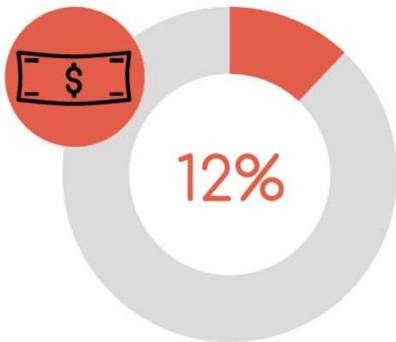
TOP FOUR
RESULTS



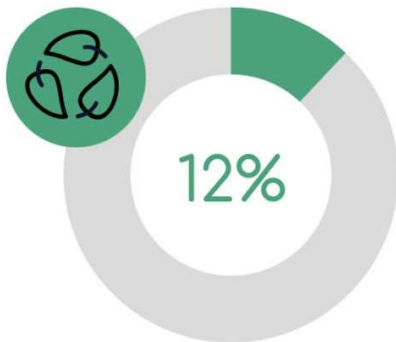
Schedule/Timeline



Building Design



Cost



Sustainability

74 RESPONSES

WHAT COMMUNITY INSIGHT CAN YOU OFFER TO THE DESIGN TEAM?

The community will stay involved every step of the way!

We are a historic community.

Visual balance

Academic excellence is top priority

Historical reference or nod to our town.

Listen to the teachers and students who will be physically in the building

Lexington Youth STEAM Team

There is too much traffic congestion at LHS. We need to design for more walking, biking, public transit, carpools.

This community is committed to revolutionary thinking

A variety of educational experiences all being offered at a high level is important.

While overall perceived as an affluent Town and community, we must remain THRIFTY, in pursuing the very best solutions.

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Website



[LPS Website](#)

[Project Updates](#)

[MSBA Process](#)

[School Building Committee](#)

[FAQs](#)



[Stay Informed](#)

A New Vision for Lexington High School

Joy in learning; curiosity in life; and compassion in all we do.

Website

School Building Committee

Minutes

[View Minutes](#)

Agendas

[View Agendas](#)

Recordings

[View Recordings](#)

Presentation

[View Presentations](#)

School Building Committee Meetings

This committee has been formed as part of the Massachusetts School Building Authority (MSBA) Eligibility Period. The SBC's purpose is generally to monitor the application process and to advise during the construction of an approved project.

September 28, 2022

[Meeting Agenda](#)

[Meeting Minutes](#)

[Meeting Recording](#)

November 14, 2022

[Meeting Agenda](#)

[Meeting Minutes](#)

[Meeting Recording](#)

February 13, 2023

[Meeting Agenda](#)

[Meeting Minutes](#)

[Meeting Recording](#)

March 23, 2023

[Meeting Agenda](#)

[Meeting Minutes](#)

[Meeting Recording](#)

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Upcoming Meetings

- **SBC#6 – December 21, 2023 @ 4pm**
- **SBC#7 - January 18, 2024 @4pm**
- **SBC#8 – February 15, 2024 @4pm**
- **Community Meeting #3 – February 26, 2023.** Designer updates, timeline review
- **SBC#9 – March 21, 2024 @4pm**
- **SBC#10 – April 25, 2024 @4pm**
- **Community Meeting #4 – May 1, 2023.** Review preliminary options

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1. Working Group Discussion
 1. Schedule Review
 2. Agenda Review
 3. Communications

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Cost Effective

Thoughtful

Collaborative

Detailed

d

Committed

Creative

d

Experienced

Proactive