Lexington High School

School Building Committee Meeting



smma

SBC Meeting

1. Call to Order

- 2. Vote Previous Meeting Minutes 12:00 12:05 p.m.
 - •November 12, 2024
 - •November 18, 2024
 - •<u>December 2, 2024</u>
- **3. Vote:** Recommendation to Proceed with Preferred Construction Manager at Risk 12:05 12:15 p.m.
- **4. Vote:** PSR Submission to MSBA 12:15 12:20 p.m.
- 5. Review Schematic Design Work Plan 12:20 1:35 p.m.
- 6. Public Comment 1:35 1:45 p.m.
- 7. Reflections/Action Items 1:45 2:00 p.m.
- 8. Adjourn 2:00 p.m.

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SD Decisions

PBC	SBC	School Dept.	DPF	TOL	Decision
					Programming (School Department)
					Establish Programmatic Adjacencies
					Confirm Food Service equipment (no gas to building)
					Confirm Science Lab equipment (no gas to building)
				-	Educational Technology Program (to set the Budget)
					Educational Furniture Program (to set the Budget)
					Group toilet concept (gender neutral, stall type, etc.?)
					Level of Performance Equipment
					Confirm list of spaces for community access (daytime versus after school)
					Confirm outdoor classrooms inc. roof terrace (locations, materials, security, tech)
					Confirm all gymnasium activities (beyond School PE use)
					Confirm food service locations (central versus distributed)
					Confirm maximum assembly size in Gym/Field House
					Building Floor Plan Review
					Proposed space layouts and circulation
					Confirm location of / access to Central Office
					Elevators - count, usage control & roof access
					Confirm future expansion GSF
					Safety & Security Features
					Confirm after hours access diagram
				~	Confirm lockdown procedures & locations (WON doors; OH grilles or swinging doors)
				~	Confirm extent of security glazing
			$\overline{\mathbf{Z}}$		Entry sequence & access control (metal detectors, entry cameras, door releases, classroom locks)
				~	Safety & Security tech (AED's, vape detection, intrusion detection, cameras, gunshot detection, etc.)
				\checkmark	Site security features (cameras, gates, blue lights, AED's)
					Building Design
					Exterior Design (Enclosure systems, Character, Colors, Materials and Patterns, Confirm Red List Materials)
					Feature Space Design (Auditorium, Gym, LGI, Dining Commons, Media, etc.)
					Add/Reno Field House - Scope and Constructability
					Define assumed floor to floor heights and typical ceiling heights
					Design of Building Entrances
~					Mass timber versus Structural Steel



SD Decisions

PBC	SBC	School Dept.	DPF	TOL	Decision
					Interior Material Selection & Design
$\overline{\mathbf{v}}$					Confirm Red List Materials category selection and prioritization
					Define specialty items (lockers, blinds & shades (manual/motorized), toilet accessories)
					Select floor finish material type category (Feature spaces, Corridors; Classrooms; BOH)
					Select wall finish material type category (Acoustic design, Feature spaces; Corridors; Classrooms; BOH)
					Select ceiling finish material type category (Acoustic design, Feature spaces, Corridors; Classrooms; Back of house)
			~		Confirm Experiential Graphic Design (XDG) scope (Wayfinding, Signage, Placemaking)
					Driveways & Circulation
~					Confirm materiality
					Confirm arrival & dismissal circulation
					Confirm bicycle parking - type, count and location (inc. E bikes?)
					Confirm alternative modes of transport & infrastructure needed (charging stations for Electric scooters, Mopeds & Motorcycles)
					Confirm off-site improvements required (Town project?)
					Athletic Fields and Park Program
					Confirm lighted fields
					Confirm field material (Seed, SOD or synthetic)
					Confirm bleacher system - count & ancillary spaces
					Confirm outdoor storage requirements
					Confirm fencing - type, heights, extent
				~	Confirm non-athletic field program in Park
<u></u>					Field Irrigation system
					Landscaping irrigation system (LEED)
					Site Utilities
					Confirm utility connections
					Confirm stormwater BMPs, materials, etc.
					LCCA for 3 System Options
					HVAC Design
					HVAC System Selection
					Identify spaces to be air conditioned.
					Identify systems required to be supported on Standby Power (#Electrical)
$\overline{\mathbf{v}}$					Confirm ventilation basis of design CO2 level PPM
					Confirm approach for integrated automation systems (BMS + Halo + others) 12/09/2024



SD Decisions

PBC	SBC	School Dept.	DPF	TOL	Decision
141-14	41				Plumbing Design
					Electric water heaters or heat pump
					Battery vs hard wired plumbing fixtures (faucets, auto flush, soap dispensers) Flush valves - manual or sensor)
					Confirm no floor drains at Emergency Showers
					Confirm Janitor closet chemical mixing station (backflows required)
					Lab classorooms - confirm list of chemicals that will go down drain
					Confirm approach for trap primers at floor drains (type of primer)
					Define Emergency Shelter requirements
					Level 2 - Gymnasium & Field House
					Level 3 - Remainder of Building
					Electrical Design
					Generator Load List and size of Diesel generator
					Electrical Service Calcs - Do we want an Energy Management System?
					Confirm Lighting Control preferences
					Lightning Protection system? Protection versus Prevention
					Confirm classroom lighting (direct/indirect pendants versus recessed fixtures)
					Determine interior lighting approach (typical fixture type for each space, decorative fixtures, specialty fixtures, etc.)
					Building and Site Lighting Design
					Cellular Repeater System
					Fire Dept. & Police Dept. BDA being provided. Any other Two-way radio needed? School Dept.
					Confirm no Mass Notification System
					Confirm extent of doors to have electronic locks (Hardwired, POE or battery)
					Renewable Energy
					Determine final PV size
					Determine final energy Storage Battery Size
					Confirm location of Energy Storage Battery
					Confirm final EV Charging Stations Quantity
					Additional Sustainability Options
					Additional Cx for Demand Response (LEED) beyond what MSBA provides
					Proprietary Items
					Low Carbon GWB (only 1 manufacturer at this time (USG)
					Tectum acoustical panels 12/09/2024



SD Decisions / SBC

Programming

- Confirm maximum assembly size in Gym/Field House

Building Floor Plan Review

- Proposed space layouts and circulation
- Confirm future expansion GSF

Building Design

- Exterior Design (Enclosure systems, Character, Colors, Materials and Patterns, Confirm Red List Materials)
- Add/Reno Field House Scope and Constructability

Driveways & Circulation

- Confirm off-site improvements

Athletic Fields and Park Program

- Confirm lighted fields
- Confirm field materials (seed, SOD or synthetic)

HVAC Design

- Identify spaces to be air conditioned

smma

SBC Meeting Schedule

Weekly Design Workshops

**will add additional meetings for VE if necessary

14-Apr **12-May** 16-Jun 24-Feb **17-Mar 21-Jul** 18-Aug 6-Jan Confirm future **Discuss Exterior Review MSBA Review FAS** Confirm spaces **Review Cost** Vote to Submit Committee expansion GSF SD to MSBA Comments to be air Design **Estimates** conditioned Meeting Confirm Confirm **Discuss** proposed space Add/Reno Field layouts and maximum House - Scope assembly size in circulation Gym/Field and House Constructability Confirm lighted fields Confirm field materials Package to estimators Reconciled Estimate **SD Programming**



Submit SD to MSBA

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Thank you

