



SMMA

Lexington High School

Exterior & Interior Design
Focus Group – Mtg #1

01.26.2024

*Setting the benchmark for future projects in
the Commonwealth, and across the country,
for innovative design, efficiency, sustainability,
and positive impact for the community.*



SMMA

Meeting #1 Agenda

- » Welcome & Introductions
- » Overview of the Focus Group Process & Milestones
- » Goals & Aspirations Discussion - Listening
- » Next Steps

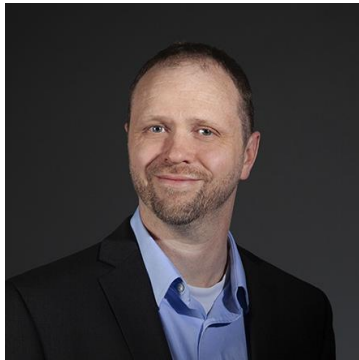
Welcome & Introductions



Team Intro



Lorraine Finnegan,
AIA, LEED AP, MCPPO
Project Manager



Matt Rice,
AIA, ALEP, LEED AP BD+C, MCPPO
Project Architect



Brian Black, AIA
Design Architect



Alicia Kosasih, WELL AP, LEED
AP ID+C
Interior Designer



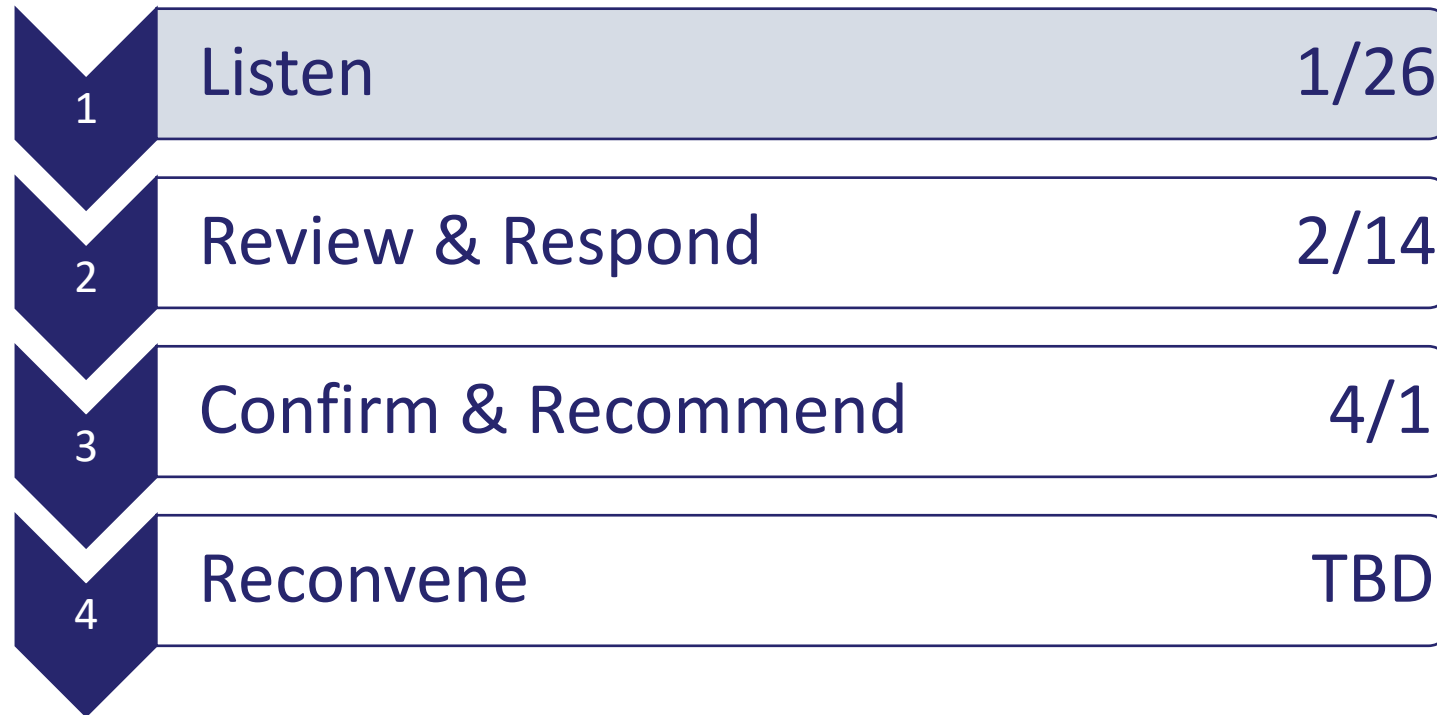
Michael Dowhan,
RLA, CLARB
Architectural Designer

Focus Group Intro

- Cynthia Arens, Sustainable Lexington Committee Chair
- Damian Barneschi, Visual Arts Teacher
- Mark Connor, Tree Committee Co-Chair
- Julie Hackett, Superintendent of Schools
- Jeff Harris, Computer Science Teacher
- John Himmel, PBC Chair
- Rachel Jayson, Performing Arts Teacher
- Wendy Krum, PBC
- Timothy Lee, Design Advisory Committee Chair
- Kathleen Lenihan, SBC Chair
- Henriette Mei, PBC
- Todd Rhodes, Sustainable Lexington Committee Vice Chair
- Elizabeth Yan, LHS Student
- Luke Yung, LHS Student

Overview of Focus Group Process & Milestones

Focus Group Timeline



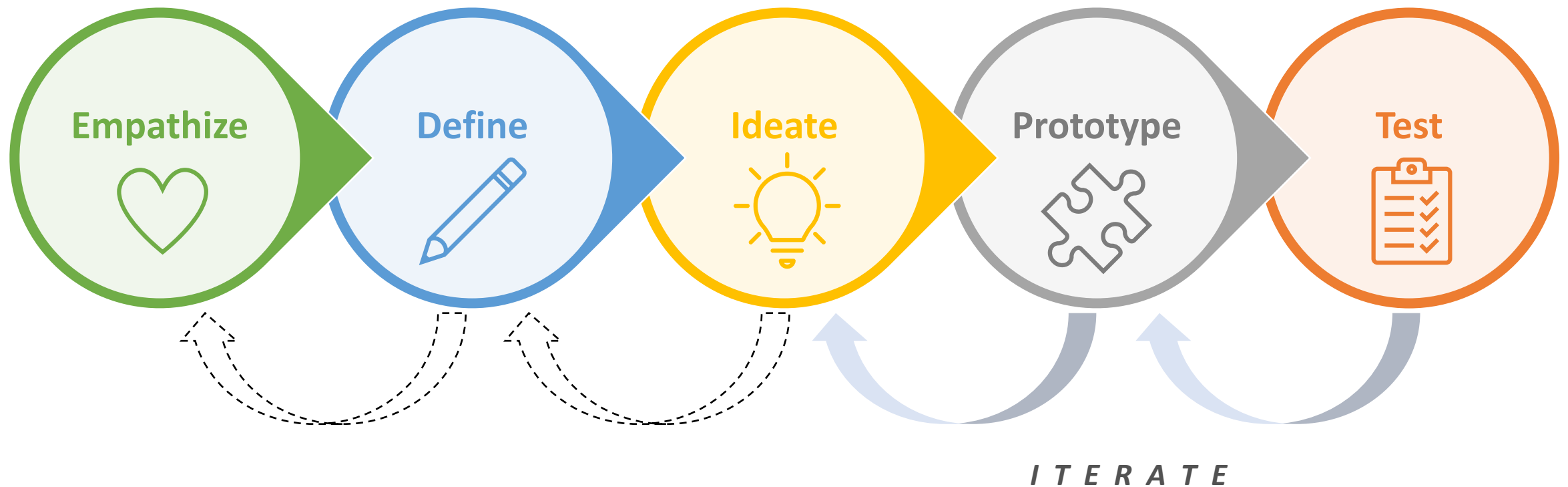
What is “PDP”?

In the Preliminary Design Program:

...the District and its team collaborate with the MSBA to

- *Document their educational program*
- *Generate an initial space summary*
- *Document existing conditions*
- *Establish design parameters*
- *Develop and evaluate alternatives*
- *Recommend the most cost effective and educationally appropriate preferred solution*

Design Thinking



Design Goals & Aspirations



Design Goals and Aspirations

- 1. What objectives do you want to address in this process?***
- 2. How will we measure success?***

Next Steps



What to Expect in Meeting #2

Objective

The design team will speak on the topics below as well as the priorities brought up by the focus group today

Topics

- Lexington's IDP (Integrated Design Policy)
- Potential material and system palettes
- Educational visioning input
- Building orientation
- Technical requirements
- Precedents – recent high school designs
- Lexington design vernacular / context

When & Where?

Friday, February 14th, 2024, 1:00-3:00 PM

Estabrook Auditorium, Cary Memorial Building

What to Expect in Meeting #2

| Lexington Integ. Design Policy | MSBA Green Policy Mandated | | | | | | | | | | | | LEXINGTON INTEGRATED DESIGN POLICY | | |
|--------------------------------------|-------------------------------------|----------------------------|---------|----|-------------------------|---|----------|--|-----------------------------|-----|------------------------|----|--|--|--|
| | | Scorecard Tracking (DRAFT) | | | | | | | Decision Milestones (DRAFT) | | | | | Additional Decision Milestones (DRAFT) | |
| | | Yes | TBD (?) | No | | | | Credit Type | PDP | PSR | SD | DD | Comments | Comments | |
| | | 9 | 3 | 4 | Materials and Resources | | 13 | | | | | | | | |
| | | Y | | | Prereq | Storage and Collection of Recyclables | Required | <div><div></div><div></div><div></div></div> | | | <div><div></div></div> | | Lexington HS and Town Recycling Program to be provided | | |
| | | Y | | 2 | Prereq | Construction and Demolition Waste Management Planning | Required | <div><div></div></div> | | | <div><div></div></div> | | CM to provide CWMP/Required in the Specifications - No Decision Milestone | | |
| | | 3 | 1 | 3 | Credit | Building Life-Cycle Impact Reduction | 5 | <div><div></div></div> | | | <div><div></div></div> | | 3 points required for Gold (+1 point for Platinum) Optimization of low carbon concrete, recycled content - Specifications PSR/SD/DD/CDs- No decision required Wood structural components: PDP/PSR confirmation | Embodied Carbon reduction target to be discussed PDP, confirmed in PSR | |
| | | 1 | 1 | | Credit | Building Product Disclosure and Optimization - Environmental | 2 | <div><div></div></div> | | | <div><div></div></div> | | Required for Gold (1 pt) Strive for 2nd point for Platinum | | |
| | | 1 | | 1 | Credit | Building Product Disclosure and Optimization - Sourcing of Ra | 2 | <div><div></div></div> | | | <div><div></div></div> | | 1 point required for Gold | | |
| | <div><div></div></div> | 2 | 1 | | Credit | Building Product Disclosure and Optimization - Material Ingredi | 2 | <div><div></div></div> | | | <div><div></div></div> | | Required for Gold (1pt) Also MSBA Green Policy Requirement (first point) Strive for 2nd point for Platinum | | |
| | | 2 | | | Credit | Construction and Demolition Waste Management | 2 | <div><div></div></div> | | | <div><div></div></div> | | Required for Silver Min. 75% CW diversion - No Decision Milestone | | |

| Lexington Integ. Design Policy | MSBA Green Policy Mandated | Scorecard Tracking (DRAFT) | | | | | | | | | | | LEXINGTON INTEGRATED DESIGN POLICY | |
|--------------------------------------|-------------------------------------|----------------------------|---------|----|------------------------------|---|----------|----------------|-----------------------------|-----|----|---|------------------------------------|--|
| | | Scorecard Tracking (DRAFT) | | | | | | Credit Type | Decision Milestones (DRAFT) | | | | | Additional Decision Milestones (DRAFT) |
| | | Yes | TBD (?) | No | | | | | PDP | PSR | SD | DD | Comments | Comments |
| | | 11 | 3 | 2 | Indoor Environmental Quality | | 16 | | | | | | | |
| | | Y | | | Proreq | Minimum Indoor Air Quality Performance | Required | ● | ● | | | | | |
| | | Y | | | Proreq | Environmental Tobacco Smoke Control | Required | ●● | | ● | | Lexington Non Smoking Policy Documentation Required | | |
| | | Y | | | Proreq | Minimum Acoustic Performance | Required | ● | | ● | | | | |
| LEX Required | | 2 | | | Credit | Enhanced Indoor Air Quality Strategies - CO2 Sensors at all required spaces | 2 | ● | ● | | | Required for Gold | | |
| | ● | 2 | 1 | | Credit | Low-Emitting Materials | 3 | ● | | ● | | Required for Gold (1 pt) MSBA Policy Requirement (1st point) (+2 points will contribute to goal of attaining additional 1% reimbursement from MSBA) | | |
| | | 1 | | | Credit | Construction Indoor Air Quality Management Plan | 1 | ● | | ● | | Required for Gold CM to provide IAQ Plan/Required in Specifications - No Decision Milestone | | |
| | ● | 1 | 1 | | Credit | Indoor Air Quality Assessment | 2 | ● | ● | | | Required for Gold (1 pt) MSBA Green Policy Requirement (First point) | | |
| | | 1 | | | Credit | Thermal Comfort | 1 | ● | ● | | | Required for Platinum - pending on program spaces dehumidification design conditions | | |
| | | 2 | | | Credit | Interior Lighting | 2 | ● | | ● | | Required for Gold (1 pt) 2nd point required for Platinum - lighting system/interior design coordination - design Decision in SD | | |
| | | 1 | | 2 | Credit | Daylight | 3 | ● | | ● | | Required for Gold LEEDv4.1 threshold of 40% sDA and 10% ASE Design Analysis at SD/DD/CD | | |
| | | 1 | | | Credit | Quality Views | 1 | ● | | ● | | Required for Gold | | |
| | | | 1 | | Credit | Acoustic Performance | 1 | ● | ● | ● | | Required for Platinum - pending on design and cost implications Decision at SD | | |
| | | | | | | | | | | | | | | |
| LEX IDP Req | | - | | | LEX_5 | Toxics – Avoid the use of Red List substances as recommended by Lexington Board of Health (memo dated March 4, 2018), except when no practical alternative is available. Utilize Healthy Building Network (or the equivalent) information in the design and selection of materials and consider using products and services established by the Environmental Preferred Purchasing program or other successor program of the Commonwealth of Massachusetts or other similar cooperative purchasing programs. | 0 | ● | ● | ● | | Introduction to Healthy materials in PDP Target Healthy materials set up in PDP/PSR Targeted materials included in Specifications in PSR/SD | | |

