Medford High School

Sustainability and MEP Systems Advisory Team Meeting

Meeting #1

12/16/2025



smma

LeftField

THE RIGHT CHOICE IN PROJECT MANAGEMENT

Meeting #1 Agenda

- Welcome & Introductions
- Overview of the Advisory Team Process & Milestones
- Sustainability Givens
  - MSBA Green School Policy
  - Massachusetts Specialized Code
  - Medford Goals
- Goals & Aspirations Discussion - Listening
- Next Steps

Welcome & Introductions

Sustainability and MEP Systems / Team Intro

SMMA



Matt Rice
Principal-in-Charge



Helen Fantini
Project Manager



Soala Ajienka
Architectural Designer



Andrew Barros
Electrical Engineer



Emily Ehlers
Mechanical Engineer

SMMA



Martine Dion
Sustainable Design Director



Brenda Lam
Sustainable Design Team Member

Transsolar



Tommaso Bitossi
Sustainable Design Consultant

AKAL



James Job
Plumbing and Fire Protection Engineer

1. Libby Brown
2. Suni Dillard
3. Austin Ditz
4. Audrey Feitor
5. Jenny Graham
6. Chris Hogan
7. Elisabeth Krautscheid
8. Ken Lord
9. Sarah Michelman
10. Nicole Morell
11. Jessica Parks
12. Brenda Pike
13. Luke Preisner
14. Chris Richard
15. Paul Ruseau
16. Nathan Scott

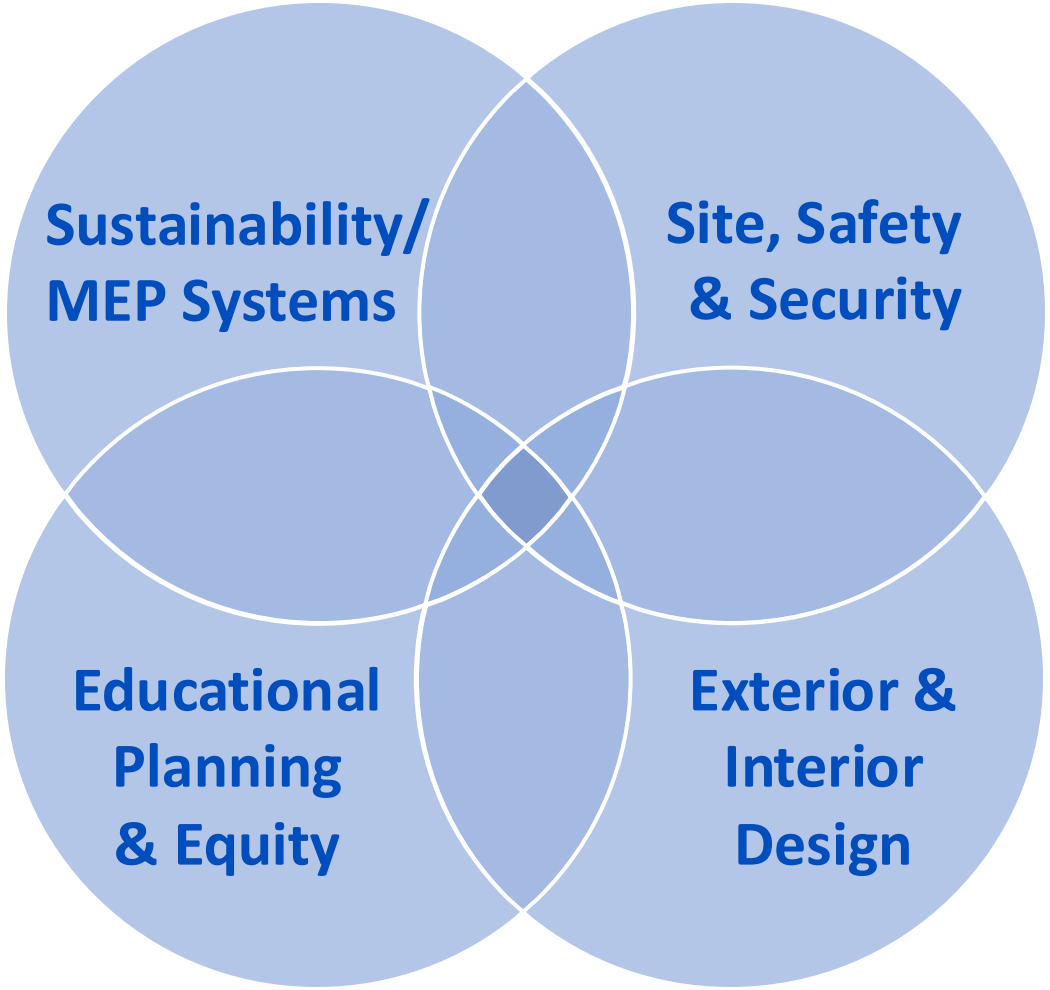
Overview of Advisory Team Process & Milestones

Community Stakeholder Engagement / Advisory Teams

Advisory teams are a method of collecting broad community input on key priorities and desired outcomes for the project.

***Who* : Educators, Students, City Departments, Boards & Commissions, Expert Community Members**

Reviews preferred MEP systems, sustainable design features and components, healthy materials; site design and landscape features for environmentally friendly design.

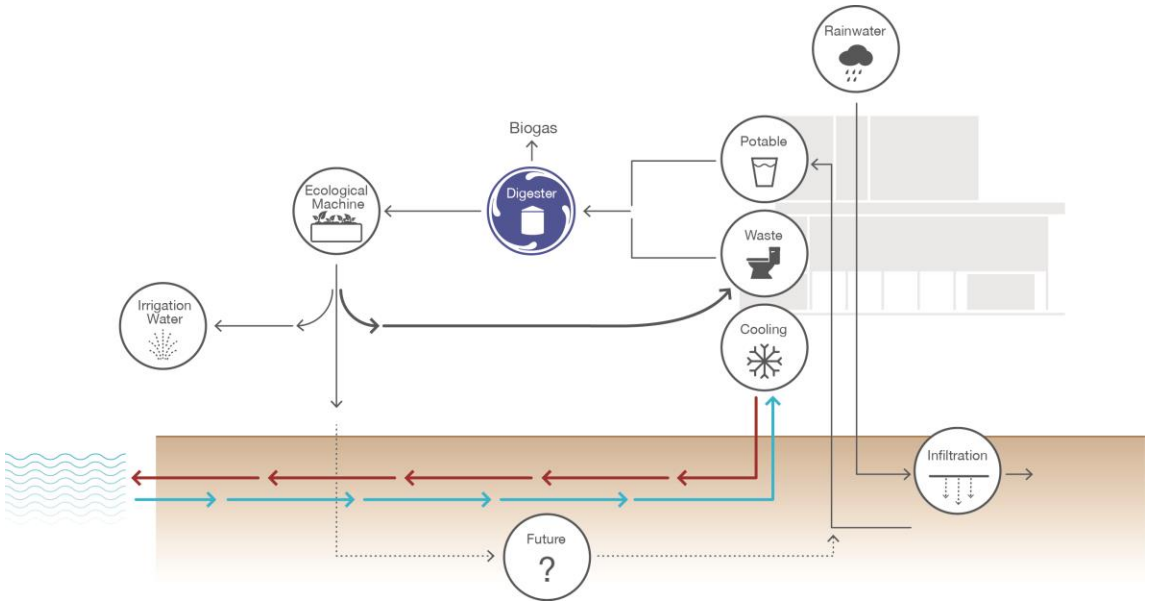


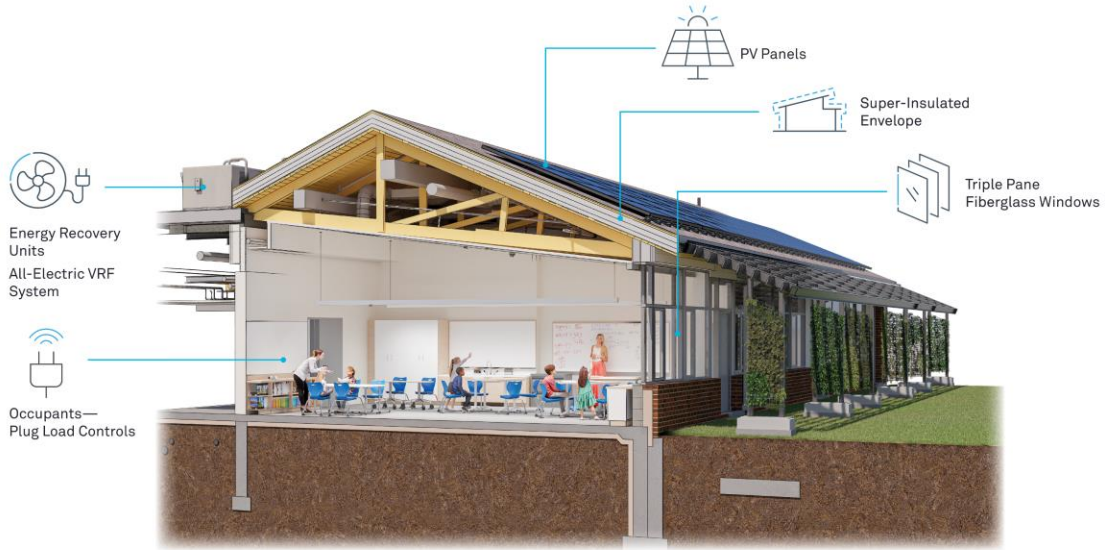
Reviews development of the site design for traffic, circulation, safety and security. Includes conversations about parking, driveways and circulation, fields, and offsite improvements and coordination with City Departments.

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

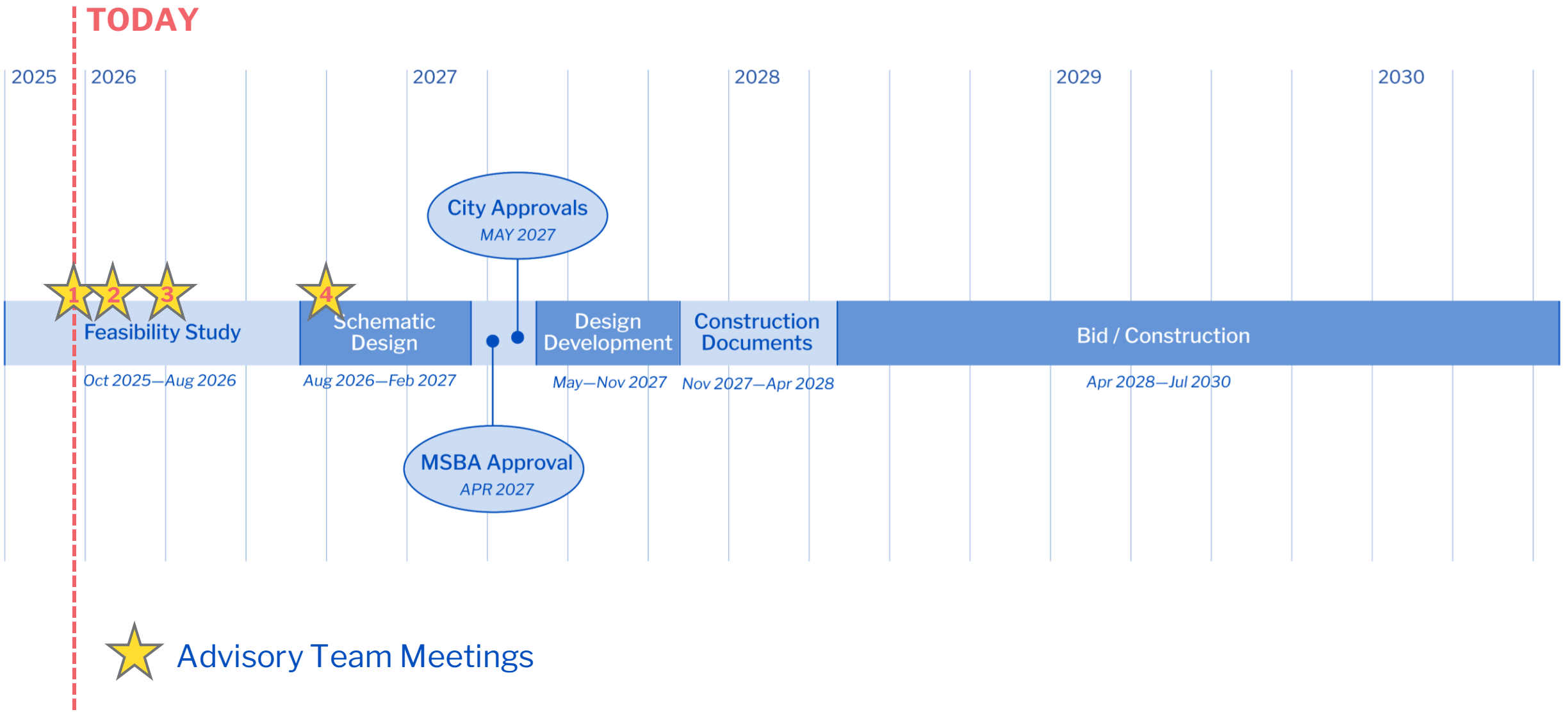
Reviews exterior design concepts including composition of form and exterior material selections. Review of the products and materials selected for interior finishes such as flooring, paint colors, wall finishes and ceilings.

Objective: Reviews preferred MEP systems, sustainable design features and components, healthy materials; site design and landscape features for environmentally friendly design.





Project Timeline



1	Listen	12/16
2	Review & Respond	1/15
3	Confirm & Recommend	TBD
4	Reconvene	TBD

Sustainability Givens

Sustainability Givens

MSBA Green School Policy

Massachusetts Specialized Code

Medford Goals

Sustainability Givens – MSBA Green School Policy

MSBA Green School Policy:

- LEED Silver
- Stretch Energy Code
- MEP/BE/Ongoing LEED Commissioning
- 3 LEED MR/IEQ points

MSBA 4% Additional Reimbursement:

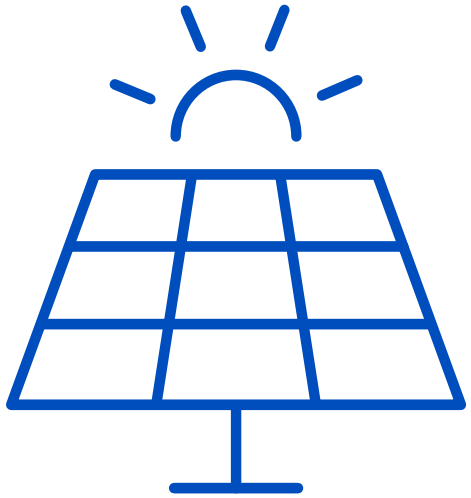
- Specialized Stretch Energy Code (3%)
- 5 LEED MR/IEQ points

Project will pursue the LEED version 5.

Sustainability Givens – Massachusetts Specialized Code

1. **Full Compliance with the Standard Stretch Energy Code**
2. **Specialized Stretch Energy Code - Three Pathways**

- All-Electric HVAC & DHW
- Fossil Fuel Heating – Electrification of Heating Readiness
- Fossil Fuel Heating – Renewable Energy



Sustainability Givens – Medford Goals

1. Go Green Medford
2. Solar Ordinance (Solar PV)
3. Sustainable Design Guidelines



Your Goals & Aspirations

Next Steps



1	Listen	12/16
2	Review & Respond	1/15
3	Confirm & Recommend	TBD
4	Reconvene	TBD

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 advisory team today.

Potential Topics

- Medford Public Schools experience with systems – best practices and lessons learned
- All-electric MEP systems
- Renewable Energy
- Net-Zero Energy
- Exterior Materials & Massing/Orientation
- Embodied Carbon
- Healthfulness
    - Interior materials
    - Indoor air quality
    - Access to daylight & outdoors
- Sustainable Sites

When & Where?

January 15th, 5:30 – 7:00 PM

Remote / Hybrid

Thank you.



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*