

WAKEFIELD PERMANENT BUILDING COMMITTEE WAKEFIELD SCHOOL BUILDING COMMITTEE	WAKEFIELD MEMORIAL HIGH SCHOOL
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Date:	Thursday September 9, 2021
Location:	Virtual "Zoom" Meeting
Time:	7:00pm
Prepared BY:	Shane Nolan – LeftField PM

Name		Present
Joseph Conway	Director of Public Works (Non-Voting)	✗
Julie Smith Galvin	Town Council (Non-Voting)	✓
Stephen P. Maio	Town Administrator (Non-Voting)	✗
Thomas Markham	School Committee Member (Non-Voting)	✗
Kevin Piscadlo	School Committee Member (Non-Voting)	✓
Doug Lyons	Superintendent of Schools (Non-Voting)	✗
Tim O'Brien	Facilities Director (Non-Voting)	✓
Joseph B. Bertrand	Permanent Building Committee, Chair (Voting)	✓
Timothy Demers	Permanent Building Committee (Voting)	✗
Charles L. Tarbell	Permanent Building Committee, Secretary (Voting)	✓
Jason Cohen	Permanent Building Committee (Voting)	✓
Janine R. Fabiano	Permanent Building Committee (Voting)	✓
John McDonald	Permanent Building Committee (Voting)	✓
Tom Galvin	Permanent Building Committee (Voting)	✗
Marc Moccio	Permanent Building Committee (Voting)	✓
Philip Renzi	Permanent Building Committee (Voting)	✓
Nasos Phillips	Permanent Building Committee (Non-Voting)	✗
Wayne Hardacker	Permanent Building Committee (Non-Voting)	✓
Amy McLeod	Wakefield Memorial High School Principal (Non-Voting)	✗
Joseph Mullaney	Wakefield Memorial High School Asst. Principal (Non-Voting)	✗
James Sullivan	Finance Committee (Non-Voting)	✗
Ian McKinnon	Community Member (Non-Voting)	✗
Jeffrey Cohen	Community Member (Non-Voting)	✗
Elizabeth Martin	Community Member (Non-Voting)	✓
Ray Thompson	Community Member (Non-Voting)	✗
Eric Lambiaso	Community Member (Non-Voting)	✗
Thomas Stapleton	Community Member (Non-Voting)	✓
Robert Arcari	Community Member (Non-Voting)	✓
Dylan Forester	Community Member (Non-Voting)	✓
Christopher Sallade	Community Member (Non-Voting)	✓
Sandra Clarey	Community Member (Non-Voting)	✓
Eric Hubert	Community Member (Non-Voting)	✓
Christine Bufagna	Community Member (Non-Voting)	✗
Jonathan Chines	Community Member (Non-Voting)	✓
Kim Hartman	Community Member (Non-Voting)	✓
Greg Liakos	Community Member (Non-Voting)	✗
William Karvouniaris	Community Member (Non-Voting)	✗
Lynn Stapleton	Leftfield Project Management	✓
Shane Nolan	Leftfield Project Management	✓
Linda Liporto	Leftfield Project Management	✓
Jim Rogers	Leftfield Project Management	✓
Lorraine Finnigan	SMMA	✓
Helen Fantini	SMMA	✓

Matt Rice	SMMA	✓
Phil Poinelli	SMMA	✓
Erin Prestileo	SMMA	✓
Michael Pardek	SMMA	✓
Andy Oldman	SMMA	✓
Martine Dion	SMMA	✓
David Stephens	New Vista Design	✓

- I. Meeting called to order at approximately 7:00PM
- II. Lorraine Finnigan introduced the members of the SMMA Design in attendance and gave a background of the services SMMA provide.

Erin Prestileo gave an overview of SMMA's understanding of the existing High School site and the design process for looking at design options for a new Wakefield High School. EP noted that the feasibility study would include an examination of various renovation, renovation/addition and new construction options for the proposed project. Conceptually SMMA provide three scenarios during the MSBA designer selection process: Home ReNewed, Model of Education and Woven Campus.

Matt Rice presented the thoughts behind Home Renewed, a renovation/addition option. MR noted that there may be portions of the existing school that the Town may wish to retain however renovation and additions may also present accessibility and access issues during construction. Michael Prdek reviewed what a renovation/addition building might look like including the surrounding site. MP noted the Model of Education is based on SMMA's approved model school building and could possible be located at the site of the Beasley Oval. This concept separates spaces that can be used for community use from academic spaces. This includes a new track and field adjacent to Farm Street. MP presented the Woven Campus concept located across Hemlock Road at Walsh Field. This new construction concept would allow for realignment of Hemlock Road and new athletic amenities on the site of the existing High School (after demolition).

Martine Dion spoke about MSBA's green school requirements for LEED or MA CHPS certification. The goal for Wakefield would be to exceed the minimum requirement set by MSBA including the possibility of a net zero building. MD gave examples of other SMMA project that have achieved high level of energy efficiency.

Andy Oldman spoke about the building systems and how choosing the right system must be capable of achieving energy efficiency, energy savings, comfort control and quality ventilation.

Helen Fantini spoke about how SMMA will engage the school and wider town community in the project including in person events, meetings and use of a project website.

Matt Rice discussed how accessibility will be key design element incorporated into a new school. SMMA will use a concept know as universal design to support the full spectrum of building users

David Stephen discussed educational visioning that will be part of the new school design process. This will include a series of workshops. The team is still reviewing the best way to this, virtual, in person or a hybrid, which will allow a variety of representation in the process. A new Educational Leadership Team will be established to discuss the best way to move forward with the Educational Visioning.

Helen Fantini gave an overview of the schedule for the Feasibility Study. Lorraine Finnigan noted that the next task is for SMMA begin the existing condition building surveys and site investigation.

III. Community Forum

Community Forum #2 was scheduled with for September 23. LeftField will coordinate this with the School Department and WCAT.

IV. Designer Contract

SMMA's Designer contract was presented for review. Lynn Stapleton noted that the actual contract is a standard MSBA contract, and she had sent an email out to outlining the discussions that took place on the contract fee. This had been reviewed with LeftField, SMMA and Joe Bertrand and is recommended for approval. The contract amount proposed is \$1,178,636. This is below the budget of \$1,500,000. LS noted that the savings could be used as contingency for additional investigative work that may be required as we go through the feasibility study.

Chip Tarbell asked how the contract was set up in terms of services. LS

Chip Tarbell made a motion to approve the SMMA contract for the Feasibility and Schematic design phase on the Wakefield Memorial High School for the sum of \$1,178,636 subject to Town Council review and approval. Seconded by Jason Cohen. On a roll call vote the motion was approved unanimously.

V. Administrative Actions

A. Meeting Minutes

The meeting minutes of the 08/12/21 Permanent Building Committee/School Building Committee: Wakefield Memorial High School were presented for review.

Chip Tarbell made a motion to approve the Wakefield Memorial High School Meeting Minutes dated 08/12/21 as presented. Seconded by Jason Cohen. Motion was approved unanimously.

B. Invoices

There (3) invoices in the total amount of \$16,008.00 were presented for review.

1. Leftfield LLC Invoice #4 dated 08/31/21 in the amount of \$15,000.00

Chip Tarbell made a motion to approve the Leftfield invoice #4 dated 08/31/21 in the amount of \$15,000.00. Seconded by Jason Cohen. On a roll call vote the motion was approved unanimously.

2. Wakefield Daily Item Invoice #300099078 dated 06/11/21 in the amount of \$560.00

Chip Tarbell made a motion to approve the Wakefield Daily Item Invoice #300099078 dated 06/11/21 in the amount of \$560.00 . Seconded by Jason Cohen. On a roll call vote the motion was approved unanimously.

3. Wakefield Daily Item Invoice #300099244 dated 06/18/21 in the amount of \$448.00

Chip Tarbell made a motion to approve the Wakefield Daily Item Invoice #300099244 dated 06/18/21 in the amount of \$448.00. Seconded by Jason Cohen. On a roll call vote the motion was approved unanimously.

VI. Budget Revision Request

Shane Nolan presented Budget Revision Request #1 – OPM and Designer Realignment. SN noted that the overall feasibility budget stays the same, this revision is a realignment of the budget line categories to match the approved OPM and Designers contracts. This is used to track the cost through the MSBA ProPay reimbursement system.

Chip Tarbell made a motion to approve Budget Revision Request #1 as presented. Seconded by Jason Cohen. On a roll call vote the motion was approved unanimously.

- VII. Next Permanent Building Committee (Wakefield Memorial High School) was scheduled for October 7th, 2021, at 7:00pm.

Town of Wakefield
Wakefield Public Schools

WAKEFIELD MEMORIAL HIGH SCHOOL

School Building Committee
Meeting
September 9, 2021



WAKEFIELD MEMORIAL HIGH SCHOOL | OPM REPORT

AGENDA:

1. Administrative Actions

- Review of August 12, 2021 Permanent Building Committee/School Building Committee Meeting Minutes
- Review of August 2021 Invoices (Wakefield Memorial High School)

2. Budget Revision Request #1

WAKEFIELD MEMORIAL HIGH SCHOOL | OPM REPORT

1. Administrative Actions

Review of August 12, 2021 Permanent Building Committee/School Building Committee Meeting Minutes



WAKEFIELD PERMANENT BUILDING COMMITTEE WAKEFIELD SCHOOL BUILDING COMMITTEE

Date: Thursday August 12, 2021
Location: Virtual "Zoom" Meeting
Time: 7:00pm
Prepared BY: Shane Nolan – Leftfield PM

Name			Present
Joseph Conway	Director of Public Works	(Non-Voting)	x
Julie Smith Galvin	Town Council	(Non-Voting)	x
Stephen P. Maio	Town Administrator	(Non-Voting)	x
Thomas Markham	School Committee Member	(Non-Voting)	x
Kevin Piscadillo	School Committee Member	(Non-Voting)	x
Doug Lyons	Superintendent of Schools	(Non-Voting)	x
Robert Schiaroli	Facilities Director	(Non-Voting)	x
Joseph B. Bertrand	Permanent Building Committee, Chair	(Voting)	✓
Timothy Denvers	Permanent Building Committee	(Voting)	✓
Charles L. Tarbell	Permanent Building Committee, Secretary	(Voting)	✓
Jason Cohen	Permanent Building Committee	(Voting)	✓
Janine R. Fabiano	Permanent Building Committee	(Voting)	✓
John McDonald	Permanent Building Committee	(Voting)	✓
Tom Galvin	Permanent Building Committee	(Voting)	✓
Marc Moccio	Permanent Building Committee	(Voting)	✓
Philip Renzi	Permanent Building Committee	(Voting)	✓
Nasos Phillips	Permanent Building Committee	(Non-Voting)	x
Wayne Hardacker	Permanent Building Committee	(Non-Voting)	✓
Amy McLeod	Wakefield Memorial High School Principal	(Non-Voting)	x
Joseph Mulaney	Wakefield Memorial High School Asst. Principal	(Non-Voting)	x
James Sullivan	Finance Committee	(Non-Voting)	x
Ian McKinnon	Community Member	(Non-Voting)	x
Jeffrey Cohen	Community Member	(Non-Voting)	x
Elizabeth Martin	Community Member	(Non-Voting)	x
Raj Thompson	Community Member	(Non-Voting)	x
Eric Lambiaso	Community Member	(Non-Voting)	x
Thomas Stapleton	Community Member	(Non-Voting)	x
Robert Arcari	Community Member	(Non-Voting)	x
Dylan Forester	Community Member	(Non-Voting)	x
Christopher Sallade	Community Member	(Non-Voting)	x
Sandra Clarey	Community Member	(Non-Voting)	x
Eric Hubert	Community Member	(Non-Voting)	x
Christine Bufagna	Community Member	(Non-Voting)	x
Jonathan Chines	Community Member	(Non-Voting)	x
Kim Hartman	Community Member	(Non-Voting)	x
Greg Liakos	Community Member	(Non-Voting)	x
William Karvouniaris	Community Member	(Non-Voting)	x
Ami Wall	School Committee Member		x
Lynn Stapleton	Leftfield Project Management		✓
Shane Nolan	Leftfield Project Management		✓
Linda Lupo	Leftfield Project Management		✓
Jim Rogers	Leftfield Project Management		✓

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I. Shane Nolan presented the following Administrative Items

A. Invoices

One (1) invoice in the amount of \$15,000.00 were presented for review and approval.

1) Leftfield LLC Invoice #3 dated 07/31/21 in the amount of \$15,000.00

Chip Tarbell made a motion to approve the Leftfield invoice as presented. Seconded by Jason Cohen. On a roll call vote the motion was approved unanimously.

II. Designer Selection Process

Joe Bertrand noted that designer applications were reviewed at the August 3rd MSBA Designer Selection Panel meeting. The DSP voted to invite the following to interview at the August 17 DSP meeting.

- Finegold Alexander/Dore & Whittier
- Arrowstreet/Moody Nolan
- SMMA

Following the interviews the DSP will vote to rank the design firms. The top ranked design firm will be asked to submit a fee for the Feasibility/Schematic Design phase of the project.

Chip Tarbell made a motion to allow Joe Bertrand to represent the PBC, together with Leftfield, to review and negotiate a contract and fee with the top ranked designer. Seconded by Jason Cohen. On a roll call vote the motion was approved unanimously.

III. High School Project Website

Shane Nolan noted that Leftfield have been working with a third-party website designer to provide a website the HS project. SN provided a preview of the website including home page with history of the project, project timeline, project meetings/events page, project email link, frequently asked questions, project team and project documents. The website is expected to be launched tomorrow (August 13th) and will be updated as new information becomes available. It was confirmed there will be links to the HS project website on the Town and School website.

IV. Next Permanent Building Committee (Wakefield Memorial High School) was scheduled for September 9th, 2021 at 7:00pm.

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WAKEFIELD MEMORIAL HIGH SCHOOL | OPM REPORT

1. Administrative Actions


Approval of August 2021 Invoices

INVOICES						
Pro Pay Code	Vendor	Invoice #	Budget Category	Invoice Date	Description of Services	Invoice Amount
0001-0000	LeftField	4	FS/SD OPM	08/31/21	OPM Services August 1 - August 31, 2021	\$15,000.00
0004-0000	Wakefield Daily Item	300099078	FS/SD Other	06/11/21	Advertising - RFS Designer Services	\$560.00
0004-0000	Wakefield Daily Item	300099244	FS/SD Other	06/18/21	Advertising - RFS Designer Services	\$448.00
					TOTAL:	\$16,008.00

WAKEFIELD MEMORIAL HIGH SCHOOL | OPM REPORT

1. Administrative Actions

Review of August 2021 Invoices (Wakefield Memorial High School)



Mr. Joseph B. Bertrand
Permanent Building Committee Chair
Town of Wakefield
1 Lafayette Street
Wakefield, MA 01880

FOR: Owner's Project Management Services
Wakefield Memorial High School Project
60 Farm Street, Wakefield, MA 01880

Invoice Date: 8/31/21
Invoice No.: 4

Professional Services from August 1, 2021 to August 31, 2021

OPM Services	Amount
08/01/21 - Invoice Amount per Fee Proposal Feasibility Study Phase	\$ 15,000.00
Total Labor:	\$ 15,000.00

Reimbursable Expenses	Amount
Reimbursables 08/01/21 - 08/31/21	\$0.00
Total Expenses:	\$0.00

Total this invoice: \$ 15,000.00

Contract Status	Budget	Previous	Current	Total To Date	Balance
Feasibility/Schematic Design Phase	\$375,000	\$37,000	\$15,000	\$52,000	\$323,000
Design Development Phase	\$0	\$0	\$0	\$0	\$0
Construction Documents Phase	\$0	\$0	\$0	\$0	\$0
Bidding Phase	\$0	\$0	\$0	\$0	\$0
Construction Phase	\$0	\$0	\$0	\$0	\$0
Close-out Phase	\$0	\$0	\$0	\$0	\$0
OPM Services Total:	\$375,000	\$37,000	\$15,000	\$52,000	\$323,000
Reimbursable Expenses Total:	\$0	\$0	\$0	\$0	\$0
Total Contract Expenditure:	\$375,000	\$37,000	\$15,000	\$52,000	\$323,000


Please Remit Payment To:
Leftfield, LLC
17 Highfield Lane
Norwell, MA 02061

Wakefield Item Company

Advertising Invoice

Joseph Conway
Town of Wakefield DPW
Wakefield Town Hall
1 Lafayette St.
WAKEFIELD, MA 01880

1/1



26 Albion Street, Wakefield, MA 01880
Phone #: 781-245-0080

Acct #: 00000171
Phone #: (781)246-6301
Date: 06/11/2021
Due Date: 07/26/2021
Invoice #: 300099078
PO #:
Salesperson: DS1 Ad Taker: DS1

Acct #: 00000171
Phone #: (781)246-6301
Date: 06/18/2021
Due Date: 07/26/2021
Invoice #: 300099244
PO #:
Salesperson: DS1 Ad Taker: DS1

Ad #	Description	Publication	Run Date	Amount	Due
00038942	Req. for Des.Services WMHS	01	06/11/2021	560.00	560.00

Please return a copy with payment

Total Due 560.00

APPROVED
Leftfield PM
 08/06/2021

APPROVED BY
 Joseph Bertrand/Chip Tardif
 Chairman/Secretary
 Permanent Building Committee

Wakefield Item Company

Advertising Invoice

Joseph Conway
Town of Wakefield DPW
Wakefield Town Hall
1 Lafayette St.
WAKEFIELD, MA 01880

1/1



26 Albion Street, Wakefield, MA 01880
Phone #: 781-245-0080

Acct #: 00000171
Phone #: (781)246-6301
Date: 06/18/2021
Due Date: 07/26/2021
Invoice #: 300099244
PO #:
Salesperson: DS1 Ad Taker: DS1

Acct #: 00000171
Phone #: (781)246-6301
Date: 06/18/2021
Due Date: 07/26/2021
Invoice #: 300099244
PO #:
Salesperson: DS1 Ad Taker: DS1

Ad #	Description	Publication	Run Date	Amount	Due
00038942	Req. for Des.Services WMHS	01	06/17/2021	448.00	448.00

Please return a copy with payment

Total Due 448.00

APPROVED
Leftfield PM
 08/06/2021

APPROVED BY
 Joseph Bertrand/Chip Tardif
 Chairman/Secretary
 Permanent Building Committee

WAKEFIELD MEMORIAL HIGH SCHOOL | OPM REPORT

2. Budget Revision Request #1

Pro Pay Code	Description	Total Project Budget	Authorized Changes	Revised Total Budget	Total Committed	Actual Spent to Date	Balance To Spend
	FEASIBILITY STUDY AGREEMENT						
0001-0000	OPM Feasibility Study/Schematic Design	\$400,000.00	(\$25,000.00)	\$375,000.00	\$375,000.00	\$52,000.00	\$323,000
0002-0000	A&E Feasibility Study/Schematic Design	\$1,300,000.00	(\$345,000.00)	\$955,000.00	\$0.00	\$0.00	\$955,000
0003-0000	Environmental & Site	\$200,000.00	\$23,636.00	\$223,636.00	\$0.00	\$0.00	\$223,636
0004-0000	Other	\$100,000.00	\$346,364.00	\$446,364.00	\$1,008.00	\$0.00	\$446,364
	SUB-TOTAL	\$2,000,000.00	\$0.00	\$2,000,000.00	\$376,008.00	\$53,008.00	\$1,946,992

WAKEFIELD MEMORIAL HIGH SCHOOL | OPM REPORT

2. Budget Revision Request #1

Wakefield Memorial High School FSA BRR No. 1

TO: Director of Capital Planning

FROM: Douglas Lyons, Superintendent of Schools

Wakefield Public Schools

Wakefield Memorial High School

MSBA Project ID Number: 201903050505

DATE: Month XX, 20XX

RE: Feasibility Study Agreement (FSA) Budget Revision Request, NUMBER: 1

Pursuant to the Feasibility Study Agreement between the TOWN of WAKEFIELD (the "District") and the MASSACHUSETTS SCHOOL BUILDING AUTHORITY (the "Authority"), the District hereby requests a revision to the Feasibility Study Budget, Exhibit A, dated March 25, 2021, for the Wakefield Memorial High School Project. As required, the District has provided the information outlined in the table below to indicate the Feasibility Study Budget categories (line items) affected, the amounts needed and the reasons for the proposed revision.

The District acknowledges and agrees that it will not seek reimbursement from the Authority for any costs that exceed the already approved line item limits set forth in Exhibit A until after the Authority has accepted this Feasibility Study Budget Revision Request, and the Authority's ProPay system has been adjusted accordingly.

The District further acknowledges and agrees that in accordance with Section 3.3 of the Feasibility Study Agreement, any revisions to the Feasibility Study Budget will not result in an increase to the grant amount set forth in Section 2.1 of the Feasibility Study Agreement.

The District further acknowledges and agrees that the need for these revisions to the Feasibility Study Budget have been identified in the OPM monthly report as required pursuant to the Contract for Owner's Project Management Services between the District and the OPM.

The District further acknowledges and agrees that all of the information contained in this Feasibility Study Agreement Budget Revision Request has been reviewed and approved by the TOWN of WAKEFIELD's School Building Committee, and it further certifies and acknowledges that the funds to pay for the costs associated with these proposed revisions are available as indicated by the signatures noted below.

The Total Budget in the Current Feasibility Study Budget, Exhibit A of the FSA dated 03/25/2021 is \$2,000,000.

From Class' Code	From Classification Name	To Class' Code	To Classification Name	Budget Revision Amount	Reason for transfer (Attach all supporting documentation, e.g., executed contracts, amendments and or supporting invoices for reimbursable expenses)	Amount Remaining in Other	Ineligible/Cost/Scope Items excluded from the Total Facilities Grant
0001-0000	OPM Feasibility Study/Schematic Design	0004-0000	Other	\$25,000	To align the OPM contract for FS/SD with the budget	\$125,000	

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Wakefield Memorial High School FSA BRR No. 1

0002-0000	A&E Feasibility Study/Schematic Design	0004-0000	Other	\$321,364	To align the A/E contract for FS/SD with the budget	\$446,364	
0002-0000	A&E Feasibility Study/Schematic Design	0003-0000	Environmental & Site	\$23,636	To align the Environmental & Site proposals for FS/SD with the budget		

By signing this Total Project Budget Revision Request, I hereby certify that I have read and understand the terms of this Request and further certify that the information supplied by the District in the tables is true, accurate and complete.

By signing this Total Project Budget Revision Request, I hereby certify that I have read and understand the terms of this Request and further certify that the information supplied by the District in the tables is true, accurate and complete.

By signing this Total Project Budget Revision Request, I hereby certify that I have read and understand the terms of this Request and further certify that the information supplied by the District in the tables is true, accurate and complete.

By: _____

Title: Chief Executive Officer

Date: _____

By: _____

Title: Superintendent of Schools

Date: _____

By: _____

Title: Chair of the School Committee

Date: _____

MASSACHUSETTS SCHOOL BUILDING AUTHORITY

By: _____

Title: Director of Capital Planning

Date: _____

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SMMA

Wakefield Memorial High School

Interview

8.17.2021

PBC-SBC Meeting 09/09/21



Our Team

| SMMA



Lorraine Finnegan,
AIA, LEED AP BD+C,
MCPPO
Principal-in-Charge



Helen Fantini
AIA, LEED AP, MCPPO
Project Manager



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



Michael Pardek, AIA
Architect



Erin Prestileo, PE
Civil Engineer



Martine Dion
FAIA, LEED AP BD+C
Sustainable Design /
NZE



Andrew Oldeman, PE
CEM, LEED AP
HVAC Engineering



Philip Poinelli, FAIA,
ALEP
Educational
Programming

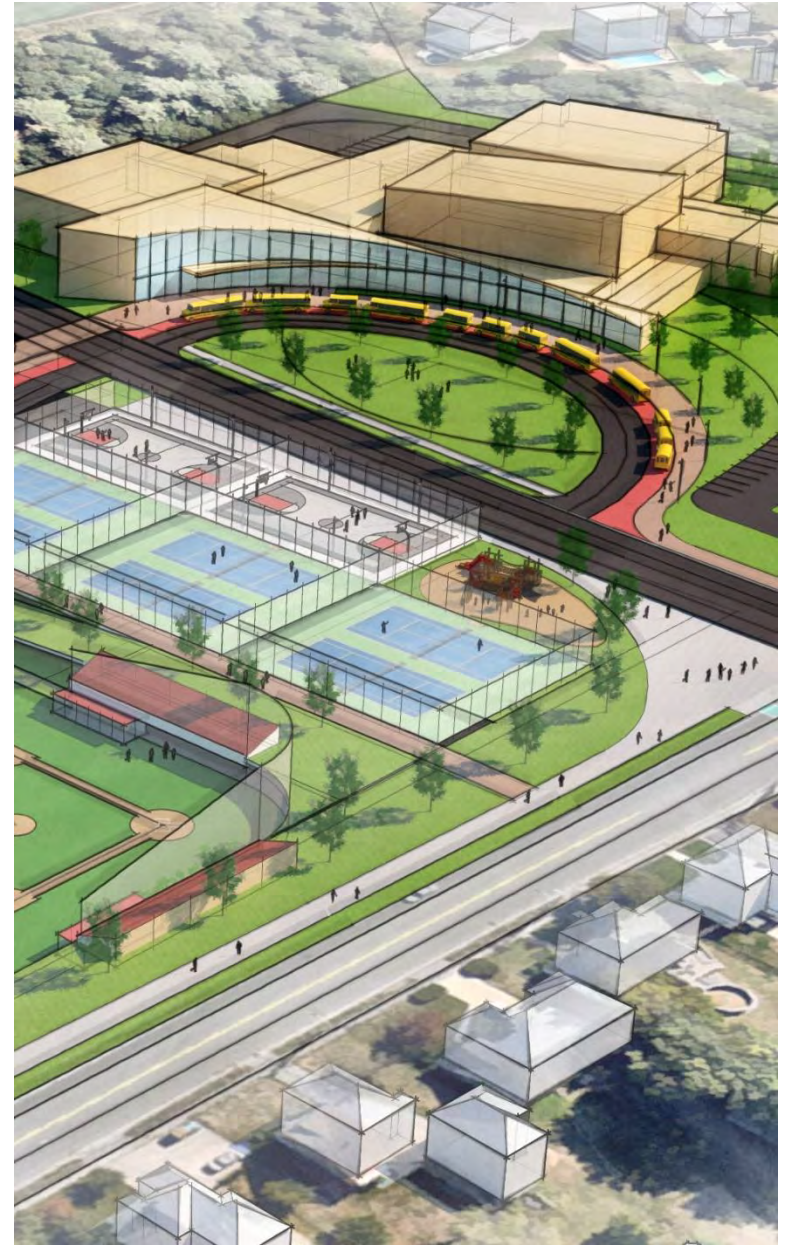
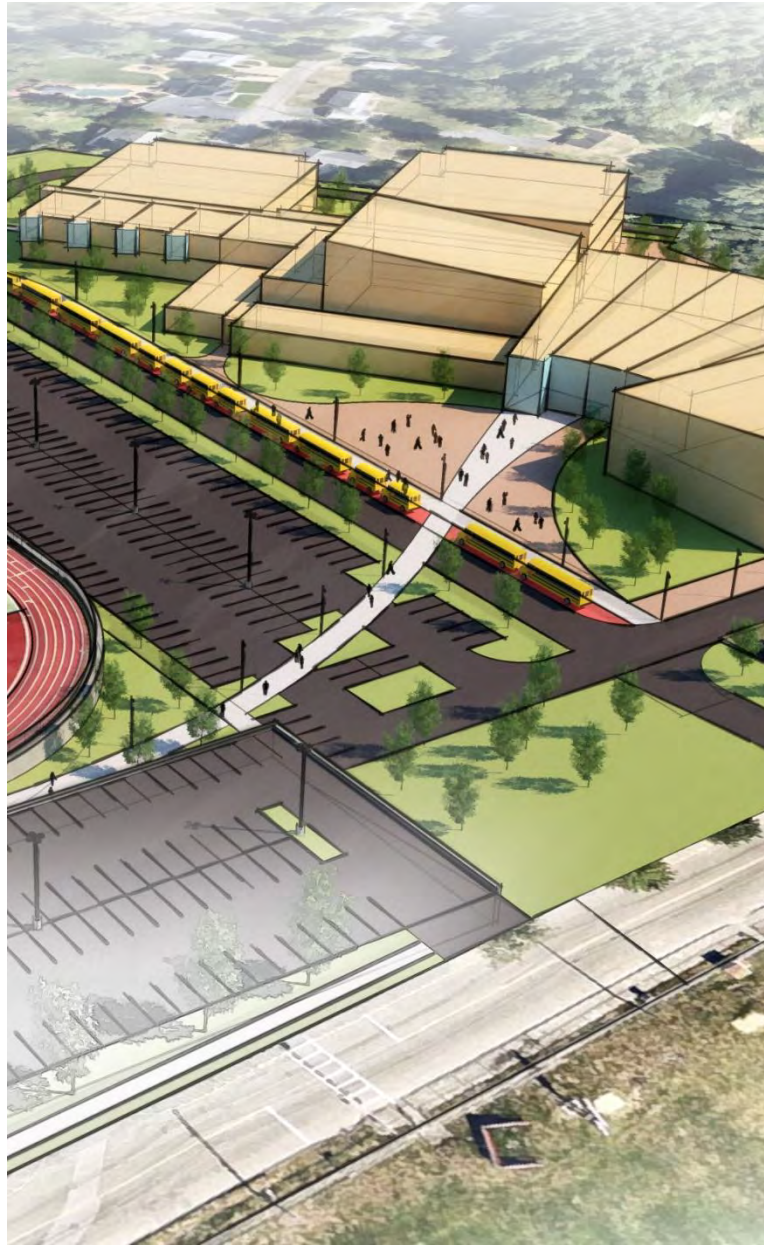


David Stephen
Educational
Programming
NewVista

“We shape our
buildings, thereafter
they shape us.”

SIR WINSTON CHURCHILL





SITE

Home ReNewed



SITE

A Model of Education



SITE

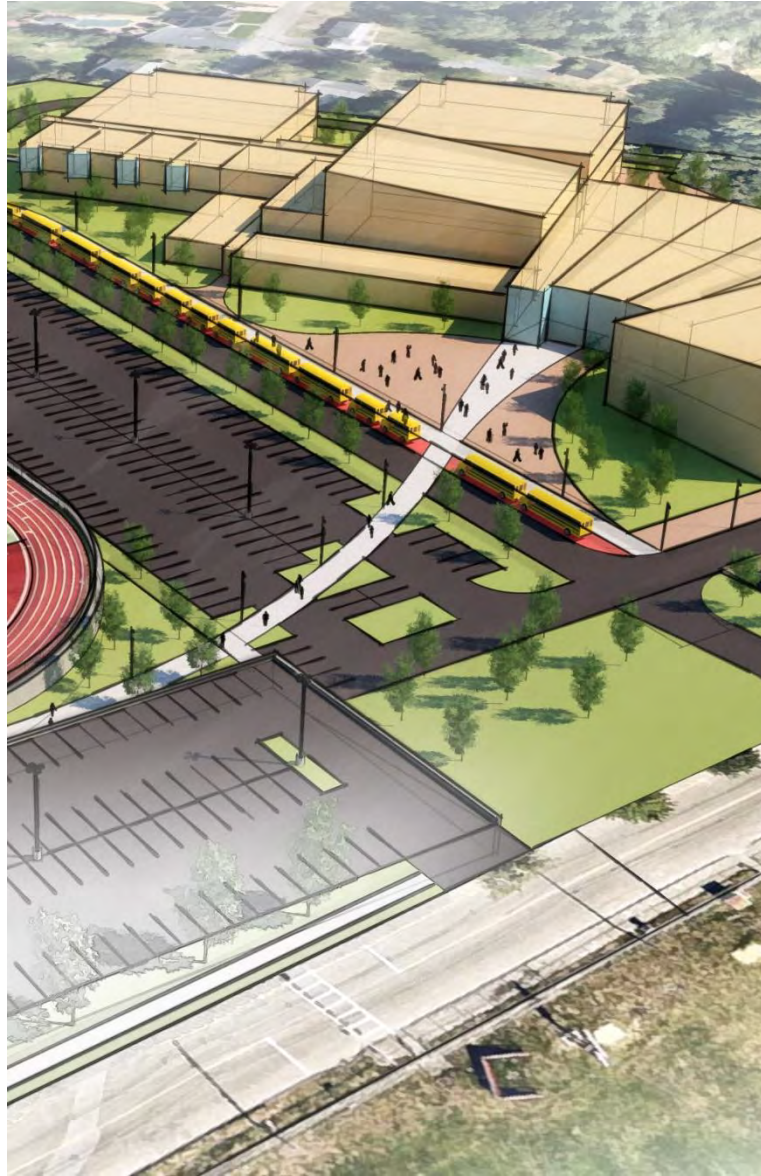
The Woven Campus



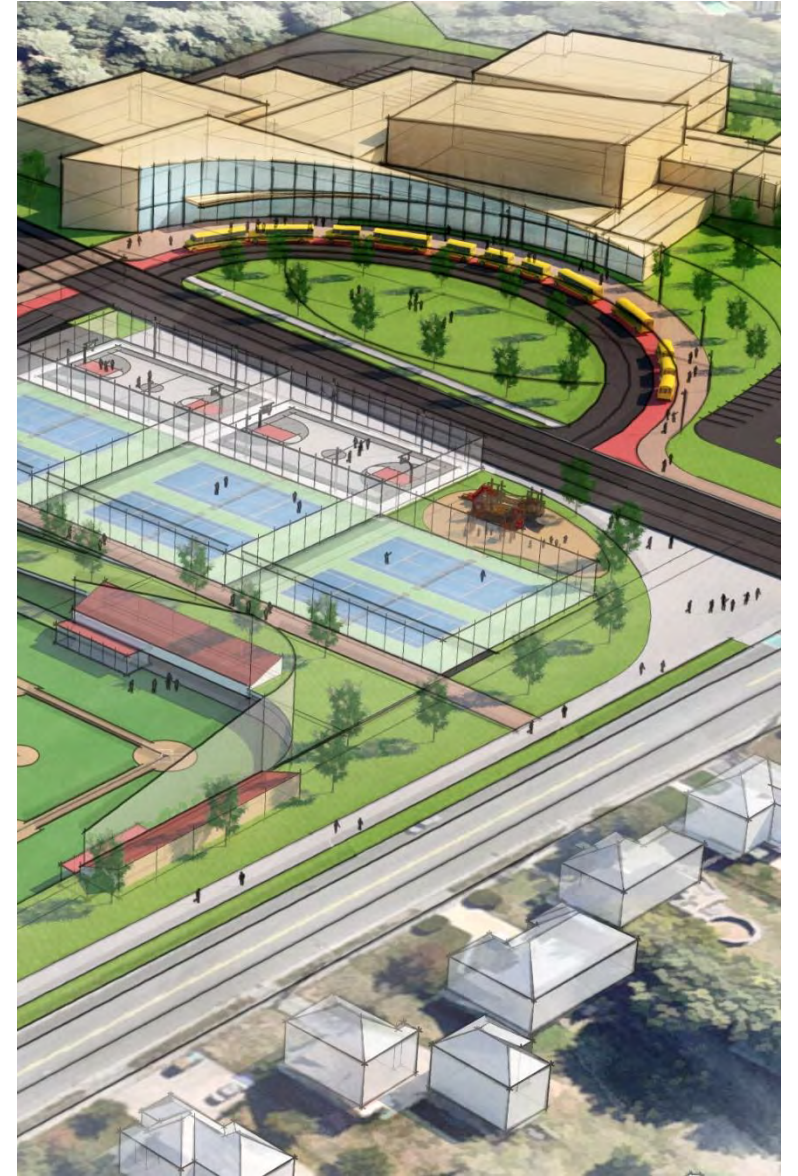
Home ReNewed



A Model of Education

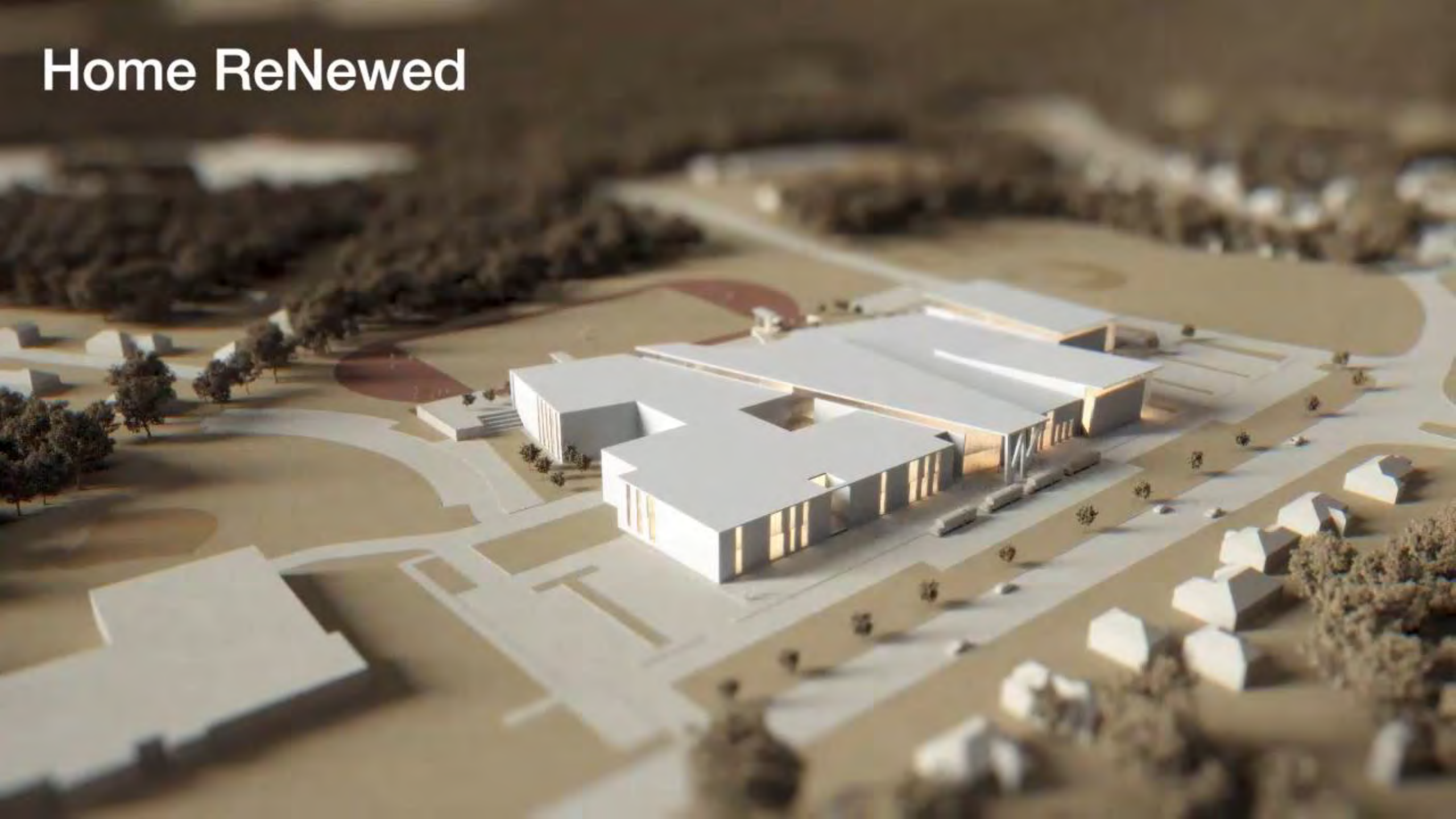


The Woven Campus

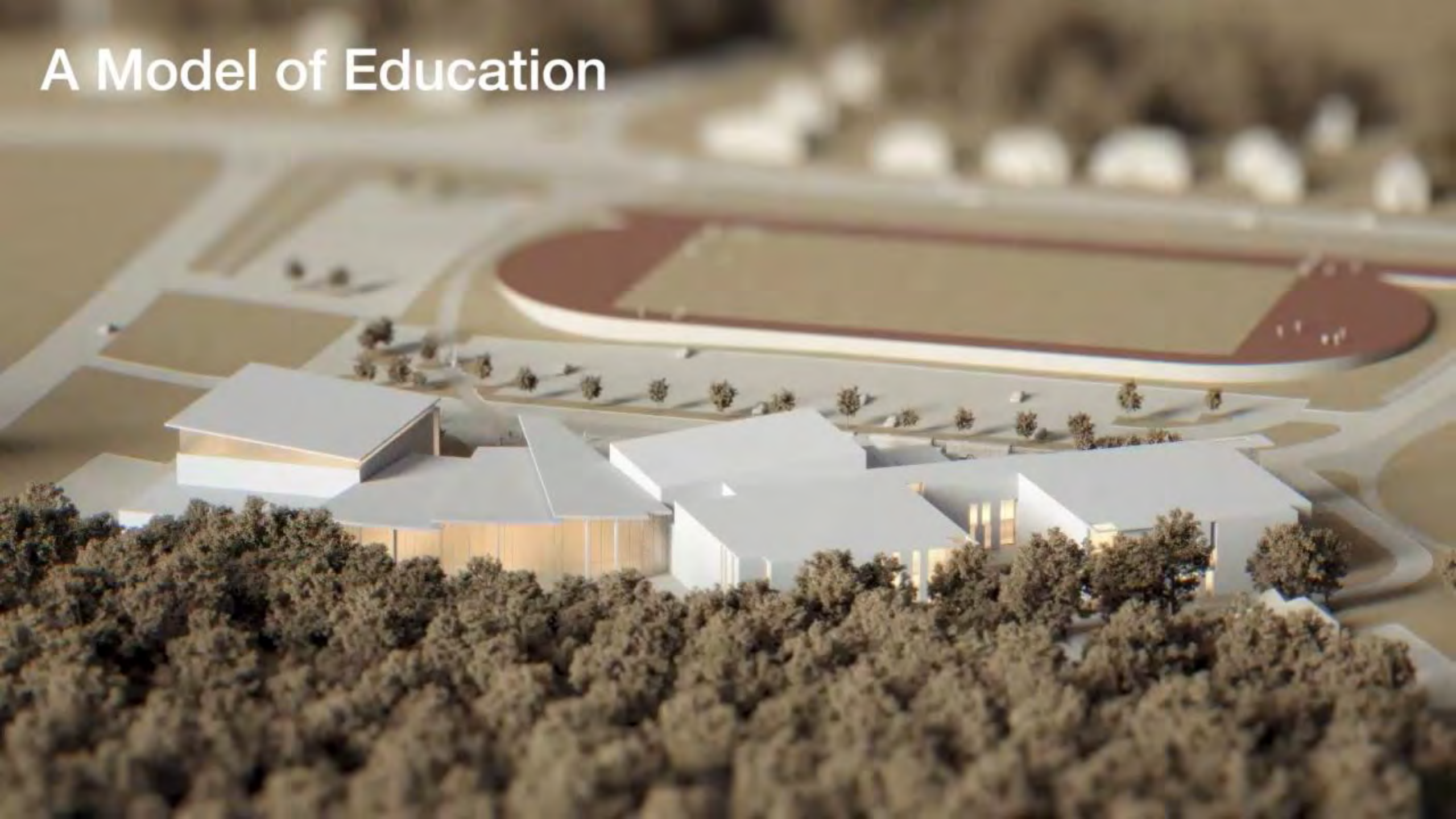




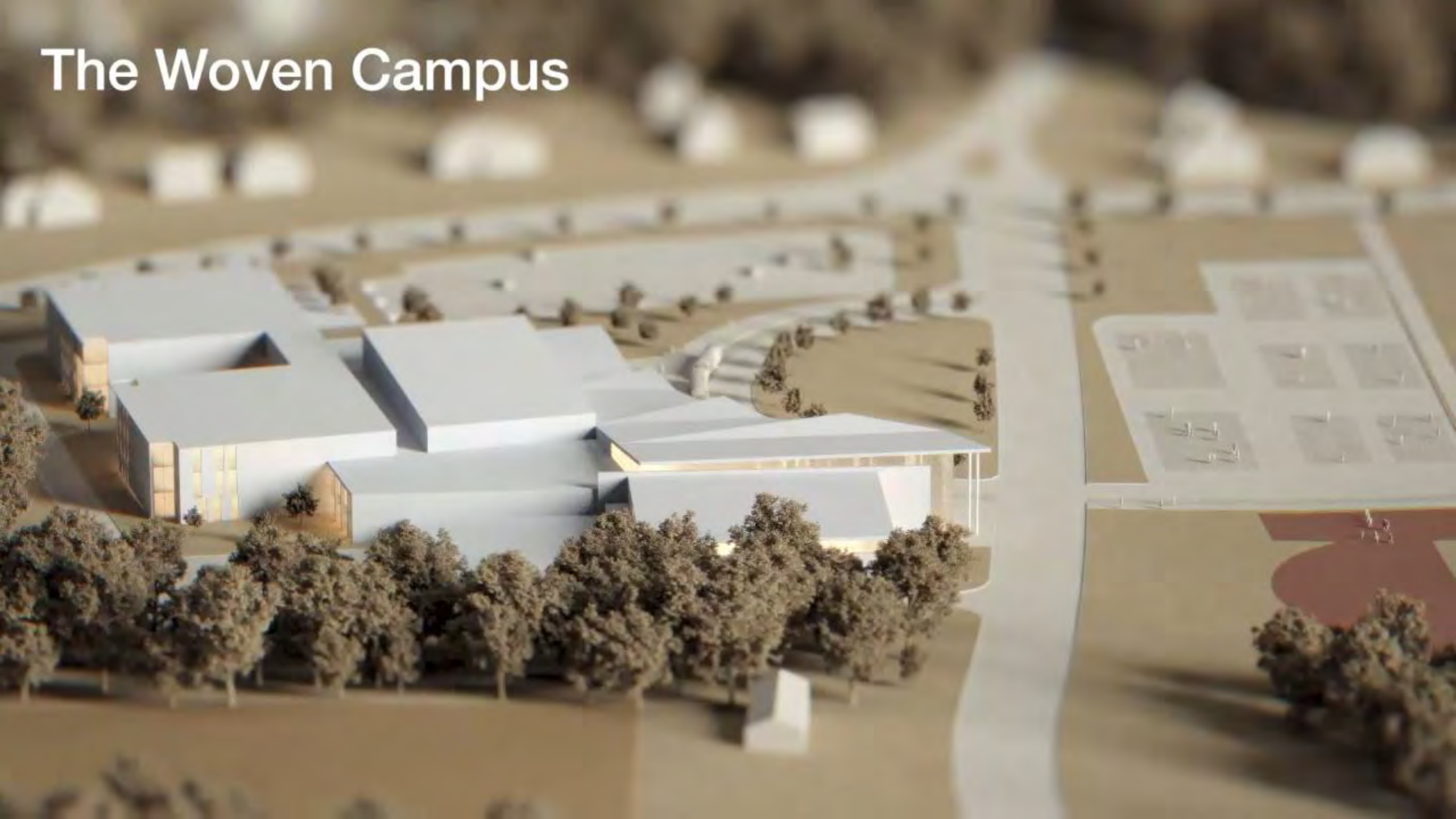
Home ReNewed



A Model of Education



The Woven Campus

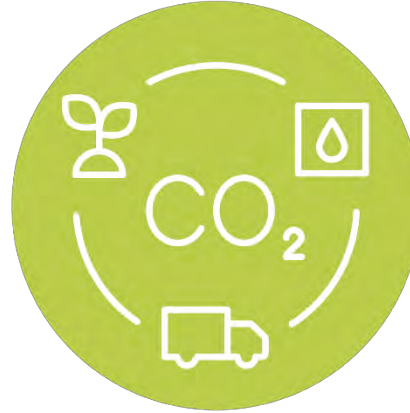


Building a Resilient Wakefield HS



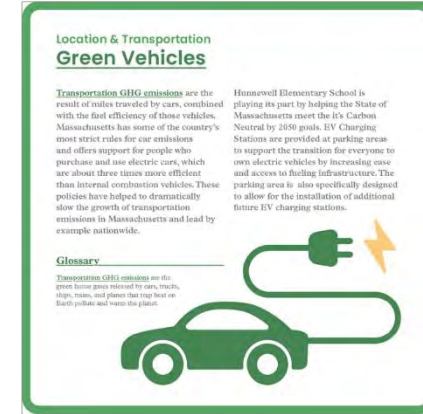
MSBA's Mandate

- LEEDv4
- 20% Energy and Water Performance
- Enhanced Commissioning



MA Carbon 2050

- E-Z Stretch Code
- Operational Carbon Reduction
- Transportation Carbon Reduction



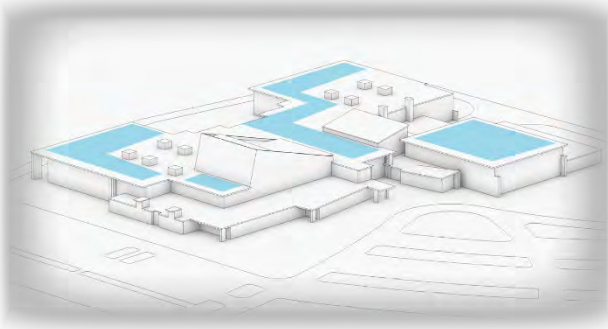
Environmental Literacy

- Outdoor Learning
- Wellness
- Healthy Materials
- Embodied Carbon

Operational Carbon

NORTH MIDDLESEX HS

181,000 sf



LEED Gold

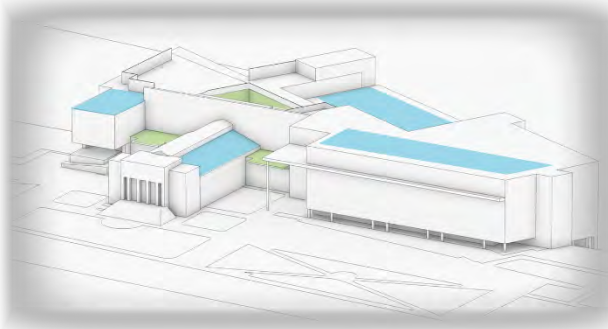
Carbon Reduction	29.9 %
Incremental Costs	0.5 %
Payback	2.9 yrs
Solar Photovoltaics	400kW-PPA

EUI (kBtu/sf)

42.8

SOMERVILLE HS

396,000 sf



LEED Silver

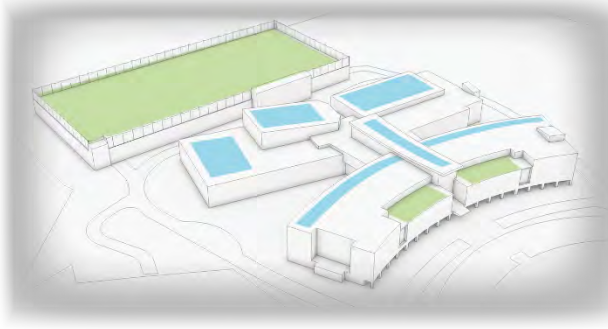
Carbon Reduction	26.1 %
Incremental Costs	0.6 %
Payback	9.4 yrs
Solar Photovoltaics	PV Ready

EUI (kBtu/sf)

40.9

WALTHAM HS

415,000 sf



LEED Silver

Carbon Reduction	25.5 %
Incremental Costs	0.3 %
Payback	2.4 yrs
Solar Photovoltaics	PV Ready

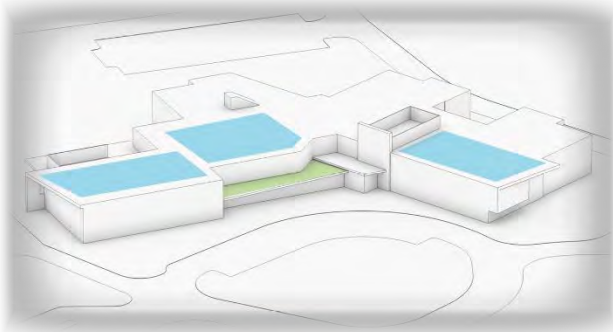
EUI (kBtu/sf)

45.5

Operational Carbon

JOHN HARDY ES

82,000 sf

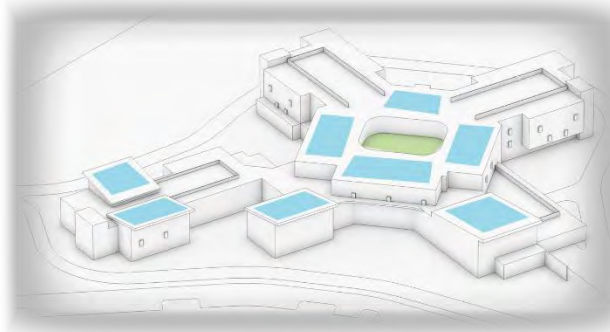


NZE Ready

Carbon Reduction	42.7 %
Incremental Costs	1.4 %
Payback	11.9 yrs
EUI with PV%	10 (60% NZE)
<hr/>	
EUI (kBtu/sf)	27.1 (SD)

ANDOVER WEST ES

191,000 sf

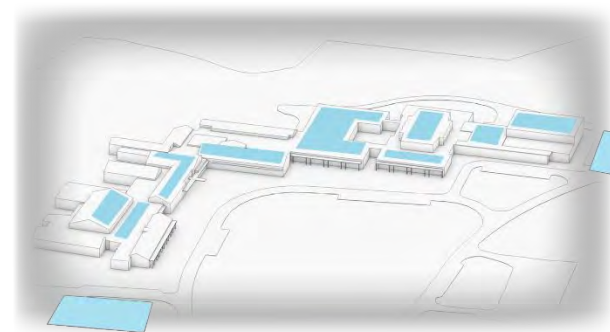


NZE Ready

Carbon Reduction	36.7 %
Incremental Costs	0.4 %
Payback	4.4 yrs
EUI with PV%	0 (NZE PV Ready)
<hr/>	
EUI (kBtu/sf)	32.8 (SD)

LINCOLN K-8

167,000 sf



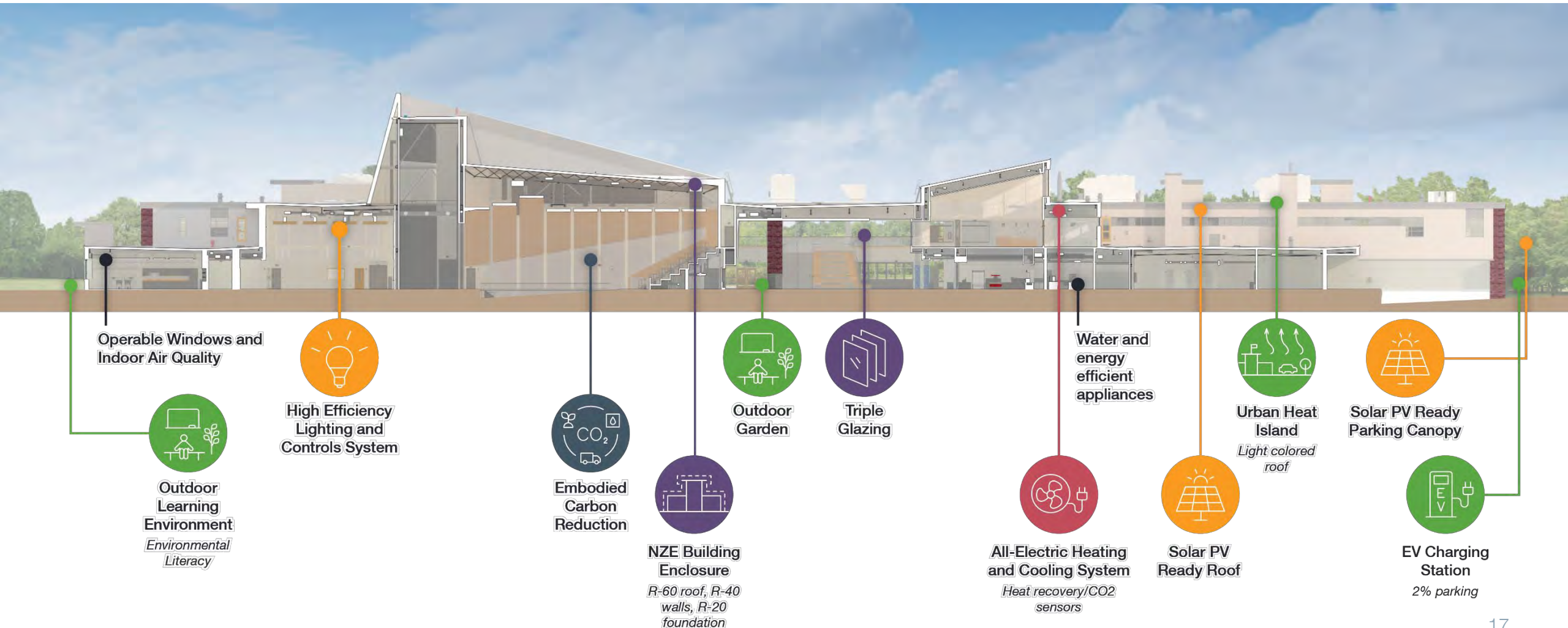
NZE

Carbon Reduction	48.1 %
Incremental Costs	1.1 %
Payback	3.5 yrs
EUI with PV%	0 (NZE PPA)
<hr/>	
EUI (kBtu/sf)	23.9

Solar PVs

Green Roof

Systems Sophistication



COMMUNITY ENGAGEMENT

School Community



Making Sure
 that Teams
 Have a Space
 to Space
 hangout
 after school



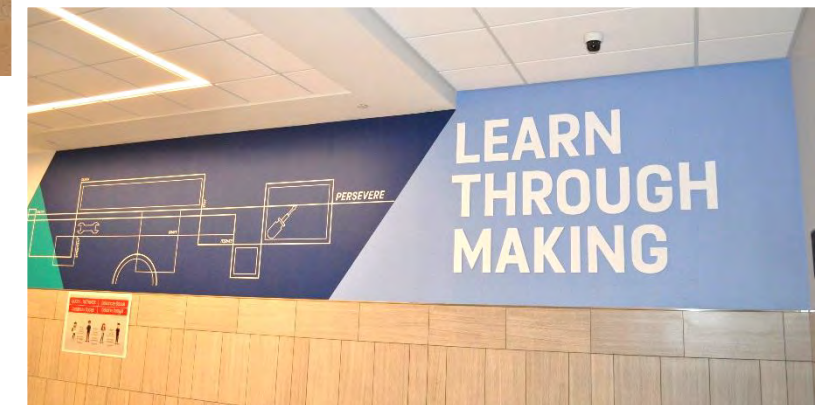
Homecoming
 Football
 Judo mny

YMCA
 CHD
 Union Sq.
 Diversity: the
 (and) mixes /

Wall of
 Flags (we

More light

90



Wakefield Community



Farmers Market



Italian Festival



Festival by the Lake



Movies by the Lake



Hartshorne Open House

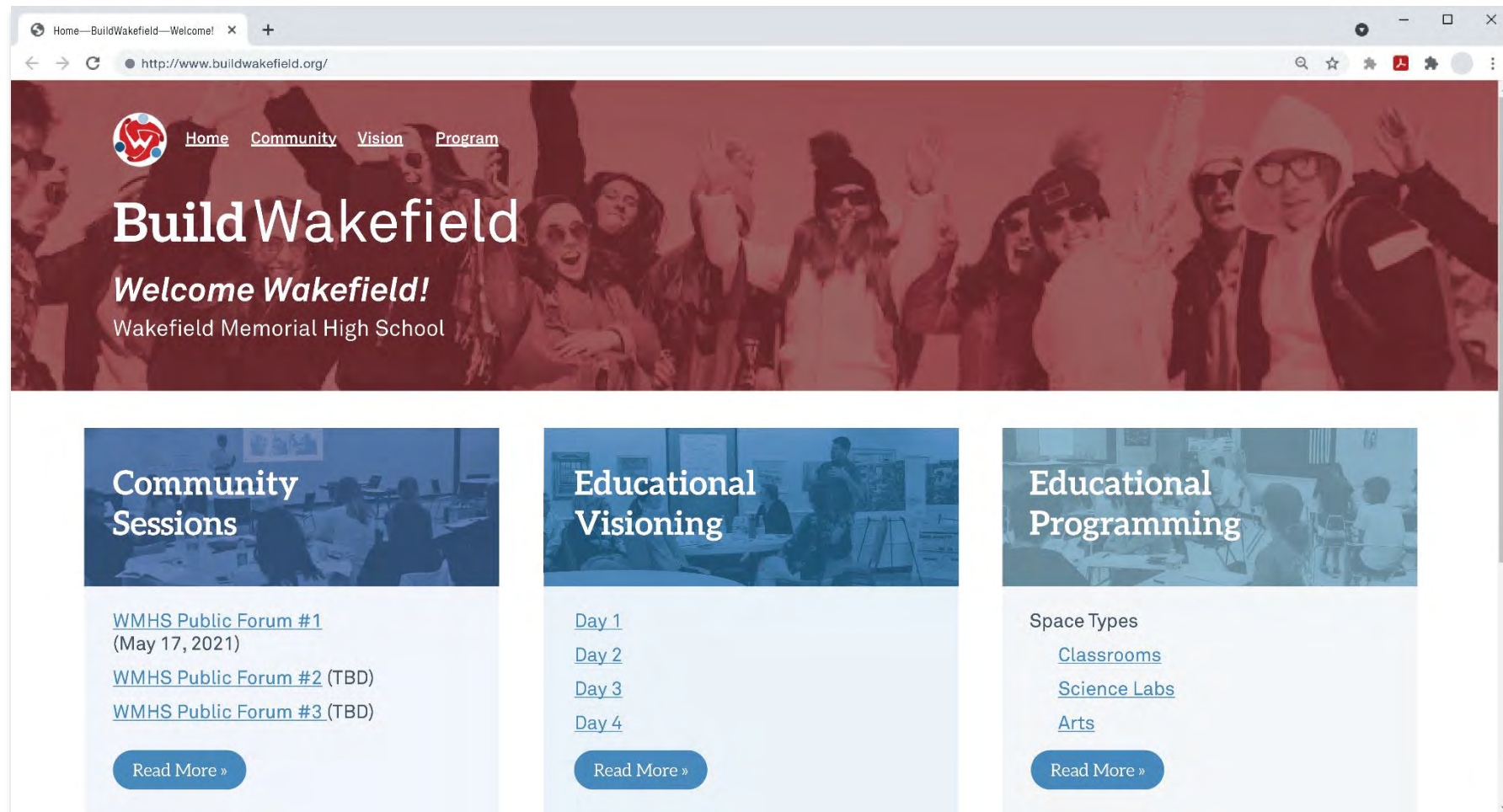


Table Talks



Visioning

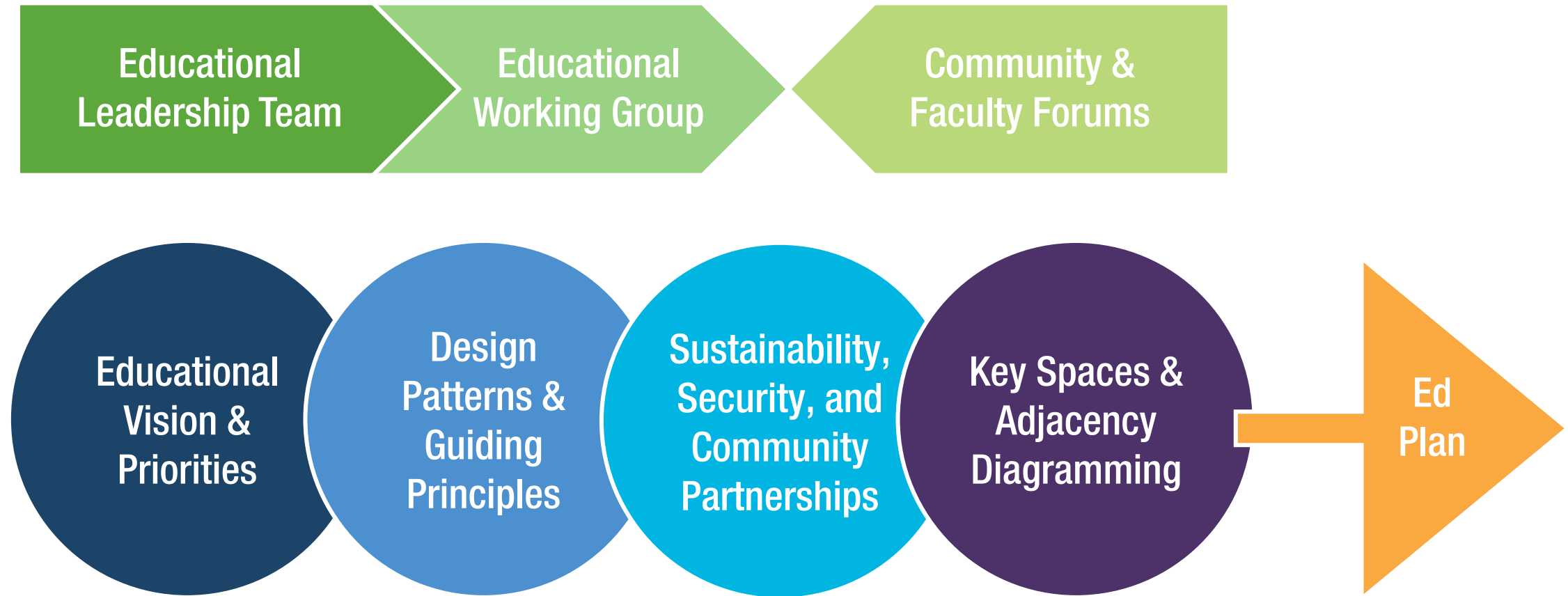
Communication Tools



Accessibility

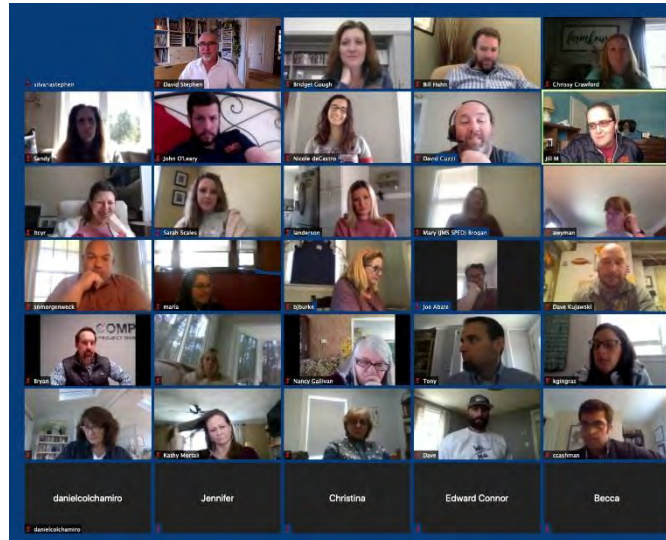


The Visioning Process



Virtual, Hybrid, and In-Person

- » Short Workshops
- » Highly Interactive
- » Breakout Group Discussions
- » Good Docs Info Collection
- » Real-Time Feedback
- » Hands-On Activities



Go to www.menti.com and use the code 58 74 04

What strikes you? Is anything missing?

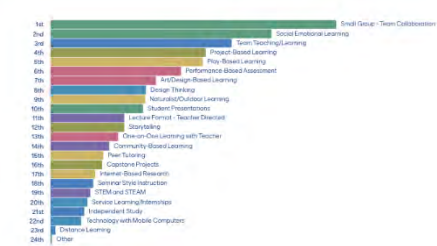
Collaboration, communication, and creativity are very important.	Social emotional learning is well described. Inquiry-based learning should be a focus	We don't mention the cultivation of reading skills.
Shows value of whole student	I liked how high up SEL is. I wonder how a building's design supports that.	it is a great list! Would "Inclusivity" be under one of these?
I like that there is a balance of emphasis on global awareness and responsibility as developing the individual person.	It's a comprehensive list.	Great start. I wonder if there should be more focus on math and science. Especially with potential of new labs and spaces.
	Good overview of what we value.	

Please ENTER to pause scroll

13

Go to www.menti.com and use the code 26 91 47

What modes of teaching and learning do you use most frequently?



1st Small Group / Team Collaboration

2nd Social Emotional Learning

3rd Open Teaching/Learning

4th Project Based Learning

5th Play Based Learning

6th Performance Based Assessment

7th Art/Design Based Learning

8th Design Thinking

9th Naturalistic/Outdoor Learning

10th Student Experiences

11th Learner-Focused / Teacher Directed

12th Storytelling

13th Onion-On Learning with Teacher

14th Community Based Learning

15th Peer Learning

16th Capstone Projects

17th Intrinsic Based Research

18th Service-Learning/Internship

19th Independent Study

20th Technology with Mobile Computer

21st Distance Learning

26th Other

18

Education Drives Design

*What does Future
Ready Teaching
and learning mean
to your school?*

THE 6 R'S

READING	RIGOR
WRITING	RELEVANCE
ARITHMETIC	RELATIONSHIP

THE 4 C'S

CRITICAL THINKING
COMMUNICATION
COLLABORATION
CREATIVITY
+ *Citizenship*

Head & Hand

SEL: Social Emotional

- » Student-Centered
- » Interdisciplinary
- » Technology-Infused
- » Fully Inclusive/Differentiated
- » Universal Design for Learning
- » Community Connected
- » Problem and Project-Based
- » STEM and STEAM
- » Process and Product Oriented

Universal Design for Learning

- » Principles for curriculum development
- » Multiple means of:
 - Representation
 - Expression
 - Engagement
- » Independent and small group work



Recognition Networks
The “what” of learning



Strategic Networks
The “how” of learning

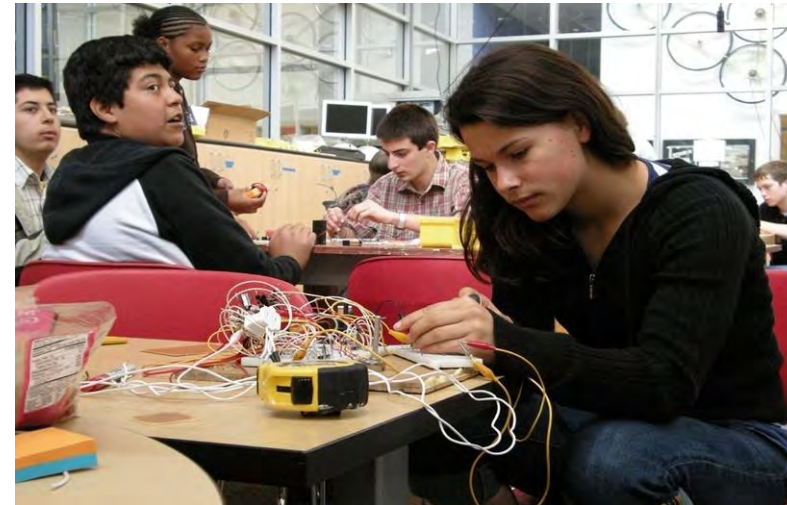


Affective Networks
The “why” of learning

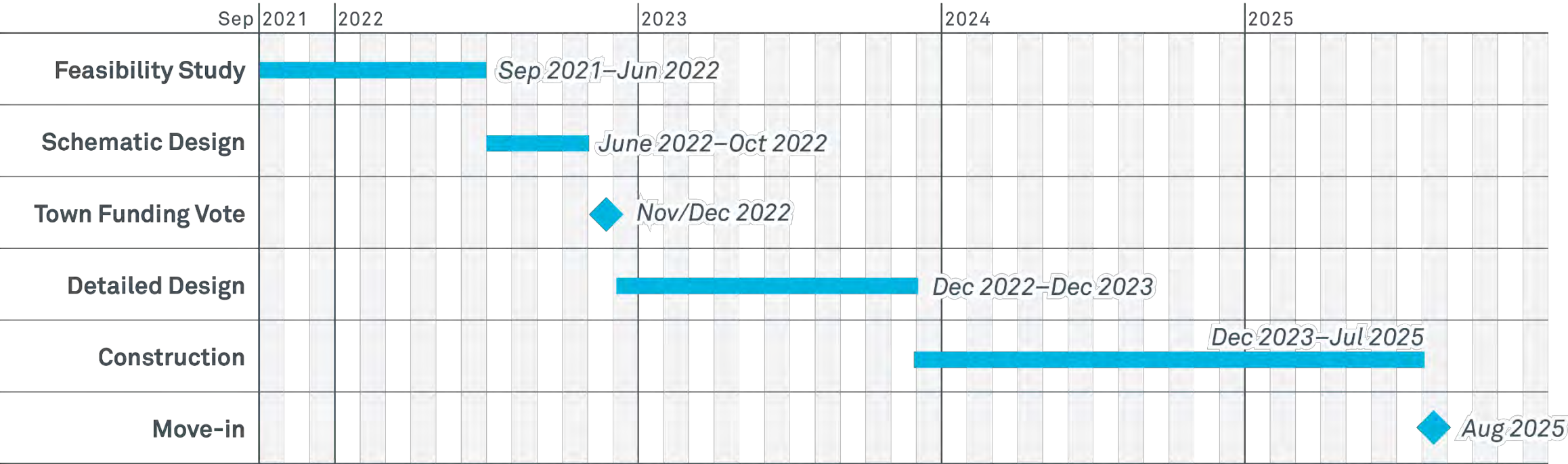
Multiple Means of **Representation**, **Expression**, and **Engagement**

Post-Covid and Future-Ready

- » Extend learning beyond the walls of the classroom
- » Ubiquitous technology
- » Use every square inch of the building
- » Integrated and applied learning (interdepartmental organization)
- » Virtual, extended, and enhanced learning opportunities



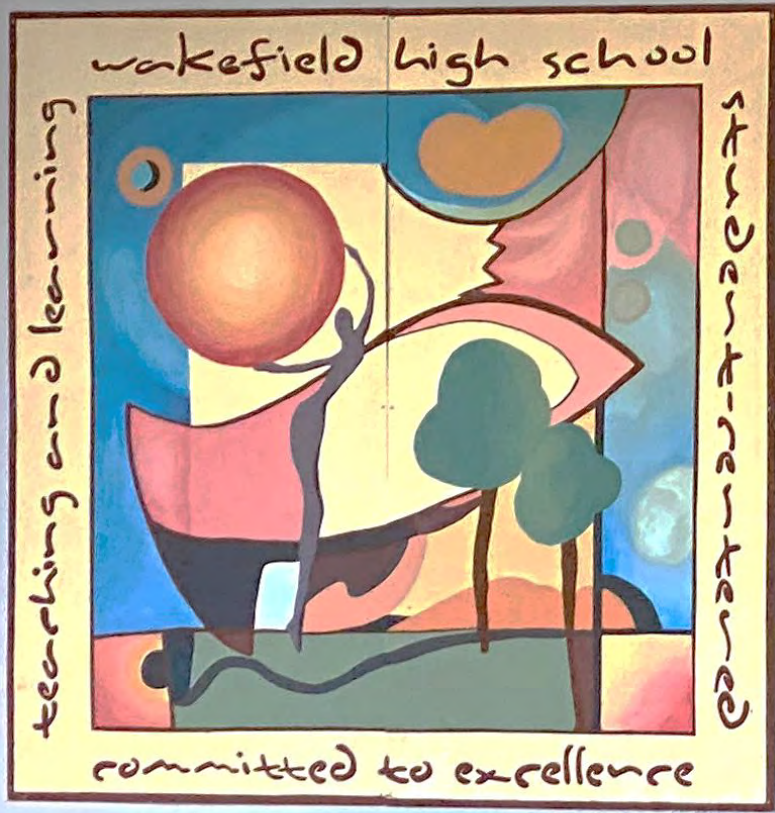
The Milestones Ahead



WAKEFIELD

It's All About the Community





**“We shape our
buildings, thereafter
they shape us.”**

SIR WINSTON CHURCHILL









TOWN OF WAKEFIELD

PERMANENT BUILDING COMMITTEE

NOTICE OF MEETING

September 09th, 2021 | 7:00 p.m.

Via Zoom: <https://us02web.zoom.us/j/81268500583?pwd=TjBaMFNmb1JQaDMrQWFkVEZFZ2VCUT09>

Consistent with the Governor's orders extending certain provisions of the Open Meeting Law every effort will be made to allow the public to view and/or listen to the meeting in real time. Persons who wish to do so are invited to click on the following link <https://us02web.zoom.us/j/81268500583?pwd=TjBaMFNmb1JQaDMrQWFkVEZFZ2VCUT09>. If you do not have a camera or microphone on your computer you may use the following dial in number: 1-312-626-6799 Meeting ID 812 6850 0583 Passcode 822438. Please only use dial in or computer and not both, as audio feedback will distort the meeting. This meeting will be audio and video recorded.

Item 1 | Call to Order

Item 2 | Wakefield Memorial High School

Administrative Actions

Designer Selection – Vote

Item 3 | Public Safety Building

Administrative Actions

Project Update

Item 4 | Greenwood School

Project Update

Item 5 | Department of Public Works Facility

Project Update

Item 6 | Matters Not Anticipated for Agenda

Item 7 | Adjournment

