Arlington High School Building Committee

Meeting Date: Tuesday, August 6th, 2024, 6:00 p.m. Location: Conducted via Remote Participation

- Skanska Update
 - ♦ Update on Multi-Stack
- Consigli Update
 - ♦ Schedule Update
- Subcommittee Reports
 - **♦** Communications
 - **♦** Finance
 - **♦** Interiors
 - ♦ Landscape & Exteriors
 - **♦** Memorials
 - **♦** SMEPFP
 - School's Sustainability Signage
 - **♦** Security
 - **♦**Temp Use-Phasing
- Recommend Francis Gorski as a voting SBC Member Approval
- Meeting Minute Approval
- New Business
- Adjournment

The listings of matters are those reasonably anticipated by the Chair which may be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

Members of the public are asked to send written comment to kfitzgerald@arlington.k12.ma.us. Documents regarding agenda items will be made available via the Town's website.

https://www.mass.gov/doc/open-meeting-law-order-march-12-2020/download

Join Zoom Meeting

https://town-arlington-ma-us.zoom.us/j/89551871411

Meeting ID: 895 5187 1411

Passcode: 360185 One tap mobile

- +13126266799,,89551871411# US (Chicago)
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- +1 253 215 8782 US (Tacoma)
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Meeting ID: 895 5187 1411

Find your local number: https://town-arlington-ma-us.zoom.us/u/kjyoLwXIQ

Arlington High School Building Committee

Meeting Materials Package – 8/6/2024

Table of Contents

- Agenda page 1
- Table of Contents / Vote Language page 3
- Consigli Monthly Owner's Dashboard and photos—page 4
- School's Sustainability Signage page 13
- AHSBC Draft Meeting Minutes 6/04/2024 page 40

Vote Language

• Motion to approve the 6/04/24 AHSBC Meeting Minutes.

July 2024

Arlington High School

869 Massachusetts Ave Arlington, MA



FINANCIAL Change Order & Contract Status Original Contract Amount: \$ 234,562,347.00 Previously Approved Change Orders: \$ 3,924,980.00 Current Contract Amount: \$ 238,487,327.00 Verbally Approved Changes: \$ 458,457.00 Submitted Changes: \$ 293,723.00 Pending Changes: \$ 295,203.00

Total Potential Changes: \$

Projected Contract Amount: \$ 239,534,710.00

1,047,383.00

Billing Status Billed to Date \$ 203,420,938 2,316,835 Retainage Held \$ Paid to Date \$ Allowance Status **Holds Status** Original Allowance Budget \$ 4,321,945.00 Original Holds Budget \$ 343,269.0 Expended to Date \$ 3,663,060.00 Expended to Date \$ 122,756.00 Remaining Allowances \$ 658,885.00 Remaining Holds \$ 220,513.00 **Contingency Status Procurement Overview** Original Cont. Amount: \$ 6,967,419 **Percent Complete:** 100.0% Expended to Date \$ 6,501,211 **Buyout Savings / (Bust)** 22,853 Remaining Contingency: \$ 466,208 Buyout Savings / (Bust) % 0%

EXECUTIVE OVERVIEW

- Spray fireproofing continued throughout the month of July, followed by exterior framing & sheating. The first
 half of structural slab on grade was placed in July, which will allow backfilling of ampitheater to begin in
 August. Building A roofing began in July and will continue throughout August. Minuteman bike path continued
 with the straight runs of wall being completed in July, but is on hold pending MBTA permit. Toilet facility
 exterior CMU walls and wood joists have been completed in July.
- PH 2 punch list completion continued in July for Bldg. B/C2. Currently, overall punch list totals: (8) Open items,
 (5) items Ready to Close. Subcontractors will complete remaining punchlist during the schools summer break.
- Decisions required. A) District to provide direction for Phase 3 Super Graphics & Signage for formal issuance of
 design files in order to produce submittals, procure/release materials. B) Design for west parking lot PV. C)
 Masonry salvaged scope design at performing arts entracnce (PH3) D.) Eversource energizing of 2nd
 Transformer (PH3) E.) Bike Path Permit Issuance (PH 3)
- As of the 7/25/24 Schedule Update, Phase 3 TCO is currently (5) days behind schedule for February 2025
 turnover as a result of weather impacts to steel erection. CCC reviewing options for acceleration of critical
 trades to recover weather impacts. Phase 4 and overall project completion are currently on schedule, and new
 fields are on schedule for use at the return of the Fall 2025 school year.

SCHEDULE Project Milestones					
Completion of Phase 1 (Temporary Certificate of Occupanc	2/11/2022	2/11/2022	0		
Completion of Phase 1 - Auditorium (TCO)	4/4/2022	4/14/2022	0		
Completion of Phase 2 - B & C2	10/30/2023	10/30/2023	0		
Complete Link and Connector Demo	12/1/2023	12/1/2023	0		
Completion of Phase 2 - PreK	12/15/2023	12/15/2023	0		
#REF!	#REF!	#REF!	0		
Underslab MEP Complete - Building A	6/11/2024	6/11/2024	0		
Deck & Detail Complete (Building A)	6/4/2024	6/28/2024	0		
Slab on Grade Complete - Building A	8/3/2024		0		
Exterior Framing, Sheathing, AVB - Weather Tight - BLDG A	10/9/2024				

	Roadblocks					
	Item	Ball In Court	Due Date			
	#2024 - RFI-308.2 - Ph 2 + 3 Signage Decision & Design	HMFH	10/9/2022			
	#2037 - Ph. 2 + 3 Dedication Plaques Design	HMFH	10/9/2022			
l	#2038 - RFI-308.2 - Room Naming Design	HMFH	10/16/2022			
	#3416 - PV Design for West Parking Lot	HMFH	11/25/2023			
L.	#3558 - Masonry Salvaged Scope (Ph 3)	HMFH	4/15/2024			
	#3601 - Evesource 2nd Transformer Energizing (PH 3)	HMFH	4/24/2024			

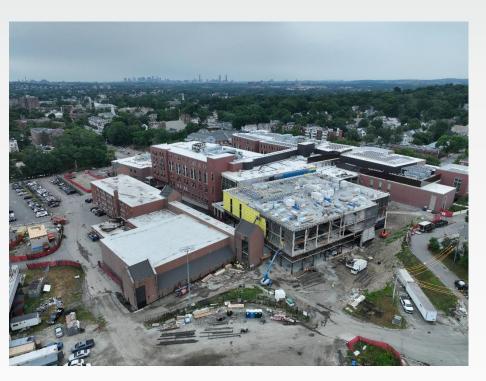




Safety Opdate		workforce Othization Reporting		
Current Project Safety Score:	92.6%	Minority Participation	24.3%	
Total Man Hours to Date:	783,673	Women Participation	3.7%	
OSHA Recordables to Date/Month:	2/0			



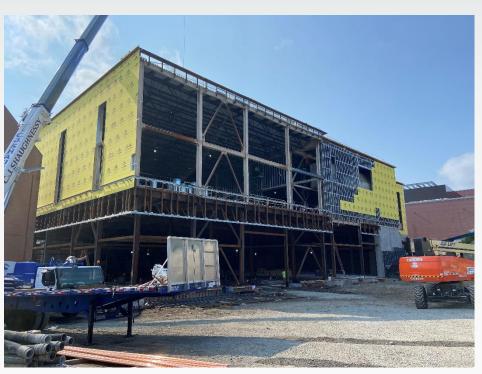






Overall Site-Drone (PH 3)

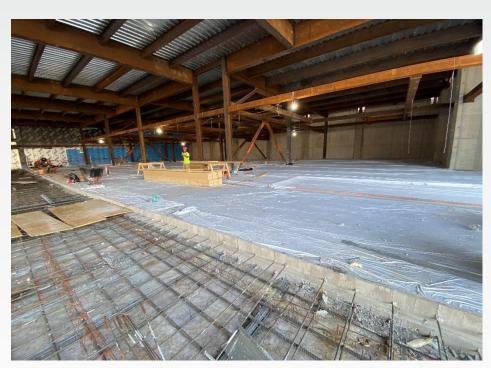


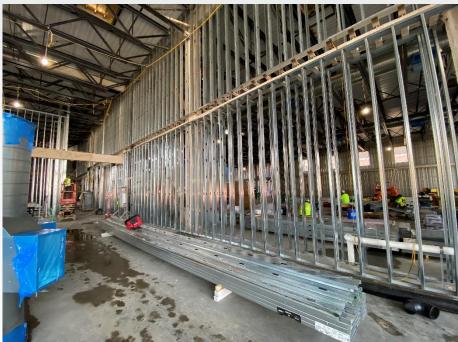




Steel Erection Complete (PH 3)







Slab On Grade / Slab On Deck (PH 3)





Toilet Building Progress (Masonry) (PH 4)







Bike Ramp Progression (PH 4)





Upper Courtyard Roof Work Ongoing (PH 2)





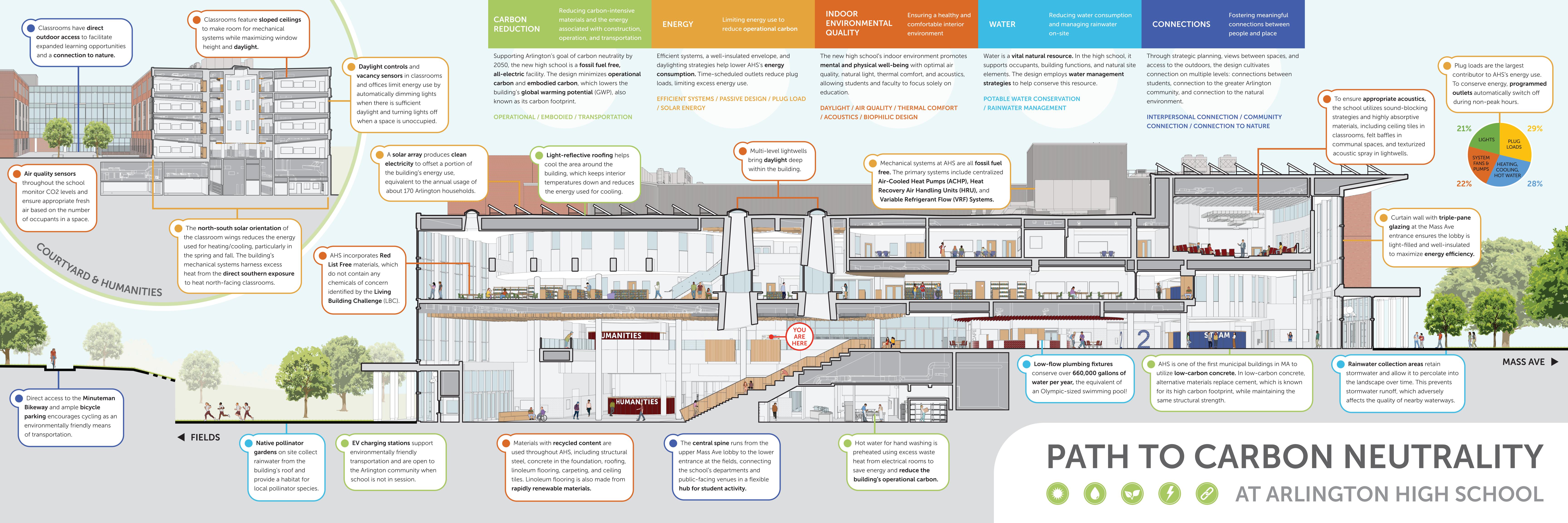


PreK and Sidewalks (PH 2)





Millbrook Intersection (PH 2)





Right below your feet. . .

walk-off mats capture outdoor contaminants and prevent particulates from circulating in the air of the building. This improves INDOOR AIR QUALITY and OCCUPANT COMFORT.



All around you. . .

expansive windows and skylights let in NATURAL LIGHT. This supports a healthy circadian rhythm and reduces the building's ENERGY USE and CARBON EMISSIONS.



Through this glass...

skylights let in NATURAL LIGHT. This supports a healthy circadian rhythm and reduces the building's ENERGY USE and CARBON EMISSIONS.



Right below your feet...

the carpet patterns incorporate BIOPHILIC

DESIGN ELEMENTS. Inspired by fractal
patterns found in nature, the pattern is meant
to help reduce stress and improve
cognitive performance.



Take a deep breath...

Paints, carpeting, and other interior finishes use **HEALTHY MATERIALS**.

Keeping the air free of chemicals is critical to OCCUPANT COMFORT and INDOOR AIR QUALITY.



All toilet rooms include...

LOW-FLOW plumbing fixtures that conserve over 660,000 gallons of WATER per year, the equivalent of an Olympic-sized swimming pool!

WATER



Stay hydrated!

Bottle-filling stations throughout the school promote reusable water bottles. Limiting plastic bottle use reduces your individual

CARBON FOOTPRINT

What is the 'bottles saved' count up to today?

WATER



Find the pollinators.

A short way up Schouler Ct., a NATIVE POLLINATOR GARDEN provides a habitat for local pollinator species and collects rainwater from the school's roof, letting it to percolate into the groundwater over time. This prevents stormwater runoff, which can overwhelm Mill Brook.

WATER



Throught this glass...

expansive windows and skylights let in NATURAL LIGHT. This supports a healthy circadian rhythm and reduces the building's ENERGY USE and CARBON EMISSIONS.



The classrooms here...

users to adjust color temperature for OCCUPANT NEEDS. Cooler tones promote focus and productivity while warmer tones support relaxed and creative pursuits.



Beyond these doors. . .

an accessible path to the MBTA bus encourages the use of public transit, reducing CARBON EMISSIONS and reinforcing a CONNECTION to the Arlington community.



Behind these doors...

hot water for hand washing is pre-heated using excess waste heat from electrical rooms to SAVE ENERGY and reduce the building's CARBON EMISSIONS.



Below your feet...

is low-carbon concrete. Using this healthy alternative to concrete avoided significant CARBON EMISSIONS, the equivalent to the carbon that a forest 40 times the size of Menotomy Rocks Park captures each year through photosynthesis!



Reduce - Reuse - Recycle

Recycling receptacles throughout the school encourage sustainable waste management practices.



Bringing the outdoors in

Skylights above the athletic spaces let in NATURAL LIGHT, limiting the need for artificial lighting. This saves ENERGY and reduces the building's CARBON EMISSIONS.





Just above your head. . .

all light fixtures are dimmable LEDs. This helps lower the building's ENERGY USE, supports OCCUPANT COMFORT, and reduces CARBON EMISSIONS.



The wall outside this window... contains additional insulation to increase building EFFICIENCY and reduce CARBON EMISSIONS. Minimizing ENERGY USE is particularly impactful in large and often-used spaces such as these.



Notice the grey outlets?

Gray outlets are programmed to turn off at night, eliminating the power used when a device is plugged in but not in use. This reduces the building's ENERGY USE and CARBON EMISSIONS.



Now we're cooking!

The kitchen is completely powered by electricity which minimizes CARBON EMISSIONS and lowers the building's global warming potential (GWP), also known as its carbon footprint.



All around you...

expansive windows and skylights let in NATURAL LIGHT to create a bright and welcoming environment, support a healthy circadian rhythm, and reduce ENERGY USE through DAYLIGHTING.



Outside these windows...

classrooms have direct OUTDOOR ACCESS to facilitate expanded learning opportunities and a CONNECTION TO NATURE.

CONNECTIONS



Outside these windows...

daylight permeates the school's primary corridors, creating a bright and welcoming environment. The glass wall along the corridor provides students with VIEWS and a CONNECTION TO NATURE.

CONNECTIONS



Beyond these doors...

an accessible path to the Minuteman Bikeway encourages sustainable transportation, reducing CARBON EMISSIONS and creating a new way for the community to CONNECT.



Right below your feet...

walk-off mats capture outdoor contaminants and prevent particulates from circulating in the air of the building. This improves INDOOR AIR QUALITY and OCCUPANT COMFORT.



What are these signs?

Sustainability is integral to the design of Arlington High School.

Look for these signs to learn more about how this building supports the health of its occupants and surrounding environment.

CONNECTIONS



Are the lightwells purple?

The building provides clues as to what time it is.

Circular lightwells in the project areas change

color every hour, functioning like a clock!



Arlington High School Building Committee

Meeting Date: Tuesday, June 4, 2024, 6:00 p.m.
Location: Conducted via Remote Participation

Jeff Thielman, School Committee Representative, Chair Elizabeth Homan, Superintendent, Co-vice chair Jim Feeney Town Manager, Co-vice chair Alex Magee, Deputy Town Manager Kirsi Allison-Ampe, School Committee Representative Francis Callahan, Community Member Representative, absent John Cole, Permanent Town Building Committee, absent Tobey Jackson, Community Member Representative Matthew Janger, AHS Principal, absent Ryan Katofsky, Community Member Rep Brett Lambert, PTBC Representative Kate Loosian, Community Member Representative William McCarthy, AHS Assistant Principal Judson Pierce, Community Member Paul Raia, Disabilities Commission Rep. absent Rob Behrent, Facilities Dir, Town of Arlington Amy Speare, Community Member Representative Shannon Knuth, Teacher Representative, absent Kent Werst, Teacher Representative

Jim Burrows, Victoria Clifford, absent, Sy Nguyen, Jessica Mendez, Skanska Lori Cowles, absent Arthur Duffy, HMFH Architects, Inc. John LaMarre, Chris Weber, Consigli Karen Fitzgerald, AHSBC Recording Secretary

Jeff Thielman opened the meeting at 6:00 p.m.

Payment Update

Mr. Jim Feeney started the meeting with the unfortunate news that Arlington was victim to Cyber Crime.

Here is the statement Jim shared with the committee and later with the community.

It is my unfortunate duty to report that the Town of Arlington has been a victim of cybercrime. Through what is known as a business email compromise (BEC), perpetrators used phishing, spoofing, social engineering, and compromised email accounts to ultimately facilitate wire fraud totaling \$445,945.73. Most importantly, I want to assure the public that no sensitive or resident data was compromised. Below, I provide background on the crime and steps the Town is taking to recoup the loss and avoid future fraud.

We have been working with local and federal law enforcement and specialized consultants since we first became aware of the fraud. It is believed this BEC attack was perpetrated by an organization that is well resourced and located overseas. Here is what I am able to share. I have also provided an FAQ (frequently asked questions) at the end of this letter to provide additional details.

In September of 2023 Town employees received legitimate emails from a known vendor working on the Arlington High School Building Project to discuss issues with payment processing. Unbeknownst to the Town, threat actors had already compromised certain employee user accounts and were monitoring emails. They seized the opportunity to impersonate the vendor with an email domain that appeared genuine, requesting a change in their payment method from check to electronic funds transfer (EFT), a common method used by municipalities for on-going payments. The scam was aided by fabricating and subsequently deleting emails from employee accounts, as well as creating inbox rules to manage and hide incoming messages. Once the payment method was established, a series of four monthly payments were made. The monthly payments were diverted until the vendor reported not receiving payments in February 2024. It was immediately apparent that we had been defrauded, so we alerted law enforcement and our banking institution, began a digital forensics investigation, retained a breach coach, and instituted immediate response measures to secure our network.

The investigation found that threat actor activity occurred in the Town's Microsoft environment between September 12, 2023 and January 30, 2024. It was also discovered there were other attempts to intercept wire payments totaling approximately \$5 million during this time period. Fortunately, these attempts were unsuccessful. It was further determined the threat actors had not infiltrated the network. In the immediate aftermath of the scam the Town's Information Technology Department (IT) performed a force disconnection from the network, required a password change for all users, and enabled multi-factor authentication for key personnel. Unrelated to this incident, but due to an increase in phishing attempts, the IT Department had already begun to reconfigure email security settings in November to improve our email security.

The Town reviewed other existing wire payments and also contracted a third-party auditor to bolster internal controls with a stricter policy related to wire transfer payments such as EFT and ACH (Automatic Clearing House).

As additional efforts to reduce the risk of falling victim to future cyberattacks, the Town has instituted mandatory cybersecurity training for all staff through the state's Municipal Cybersecurity Awareness Grant Program and has applied for additional state grant funding to be able to roll out multi-factor authentication for all staff. The Town was already in the process of rolling out an endpoint detection and response platform as part of the upcoming fiscal year. This platform will help prevent and detect malware, ransomware, and other advanced threats, providing security of critical systems and sensitive data.

With respect to the funds the Town was defrauded of, our banking institution was able to recover \$3,308. The Town has since filed a claim with our insurer to hopefully further offset the loss. In the meantime, the vendor needed to be paid for services rendered over a four-month period, so at their June 4th meeting, the Arlington High School Building Committee voted to authorize payment to the vendor from the project funds. Any monies we recoup from this fraud will go back into this fund.

I want to emphasize that this loss does not negatively impact the completion of the High School Building project in any way.

In 2023 the FBI's Internet Crime Complaint Center received 21,489 BEC complaints with adjusted losses over \$2.9 billion. It's a staggering number and a sobering reminder that malicious actors are common and during the course of this experience, I learned, well resourced. That being said, I want to you assure you that we are exhausting every avenue to recoup the funds that we were defrauded of, and we are making every effort to improve our cybersecurity posture. Cybersecurity is an ever-changing and evolving threat. As an organization we will continue to adapt our defenses to emerging threats through educating and training of our users, investing in the necessary tools moving forward, and establishing policies and protocols to protect our digital operations.

Jeff Thielman asked if anyone had questions. Judson Pierce wanted to make sure that this committee or members are not liable in anyway. Jud suggested we should have questions answered before voting on anything and leave it at bay for now. Jim Feeney wanted to know what opinions Jud was looking for from counsel. Jud wanted to confirm that we couldn't prevent the loss and we can feel safe in appropriating any funds whether or not before we authorized a payment for the four months that were stolen, and the Town Manager connect with Town Counsel over ways to recoup monies lost and to further discuss the town's response to this malfeasance. The committee wanted clarification on what we are asking the committee to vote on and Jim said the committee had voted at a time to pay Skanska we should proceed with making the payment. The committee members had fear it could happen again and concerned to authorize another payment, but they are assured by Town Council to make sure they are doing everything correctly.

On a **motion** by Jim Feeney, seconded by Judson Pierce, it was Moved to approve payment to Skanska, contingent on the Town Manager consulting with Town Counsel and ensuring that the Town has taken all appropriate legal measures to protect the Town against any liability in this matter. Roll Call: Alex Magee, Yes, Brett Lambert, Yes, Jim Feeney, Yes, Bill McCarthy, Yes, Judson Pierce, Yes, Amy Speare, Yes, Kate Loosian, Yes, Kirsi Allison-Ampe, Yes, Rob Behrent, Yes, Ryan Katofsky, Yes, Tobey Jason, Yes, Liz Homan, Yes, and Jeff Thielman Yes.

Kirsi Allison-Ampe suggested that the Town and Schools should release this statement to the broader community, so they are all notified.

❖ Skanska Update

Jim Burrows said he appreciate the previous vote and he then updated the committee that John will be ordering the turf for the fields this month.

Consigli Update

♦ Schedule Update

John LaMarre shared the photos of overall AHS Building site and showed the steel erection ongoing as well as the toilet building and the foundations and underground MEP's and the bike ramp regression and the upper court yard roof work were shown. Jim shared the following:

- Bldg. A structural steel continued throughout the month of May and concrete foundations/walls are substantially complete. Waterproofing of high wall was completed in month of May. Building A steel to be completed in June. Minuteman bike path and toilet facility work continued in May. Toilet facility foundations and underground MEP's have been installed. These areas will continue being developed throughout the month of June (w/ Masonry + Roofing). The Minuteman bike path has also taken shape in May w/ excavation and architectural formwork mockup.
- PH 2 punch list completion continued in May for Bldg. B/C2. Currently, overall punch list totals: (29) Open items, (8) items Ready to Close. Subcontractors will complete remaining punch list during the school's summer break.
- Decisions required. A) District to provide direction for Phase 3 Super Graphics & Signage for formal issuance of design files in order to produce submittals, procure/release materials. B) Design for west parking lot PV. C) Masonry salvaged scope design at performing arts entrance (PH3) D.) Eversource energizing of 2nd Transformer (PH3).
- As of the 5/30/24 Schedule Update, Phase 3 TCO is currently on schedule for February 2025 turnover. Phase 4 and overall project completion are currently on schedule, and new fields are on schedule for use at the return of the Fall 2025 school year.

- **❖** Subcommittee Reports
- ♦ Communications Amy asked the committee if any date was set for the AHS Topping Off ceremony, Bill said he will send Amy information after his meeting with Skanska and Consigli the week of June 10th. The AHS Topping off ceremony will be the last beam put up and signed by AHS faculty, students, AHS Building Committee members, School Committee members, and Select Board members at an invitation only ceremony soon.
- Dedication plaque review and/or approval

The AHS Building Committee members reviewed the sample plaque. A few minor word smith edits were suggested and made. John LaMarre asked for the final design be given to HMFH. Kirsi said a School Committee member suggested all their members be added to the plaque. A motion was made:

On a **motion** by Kirsi Allison-Ampe seconded by Ryan Katofsky, it was moved to authorize the AHS Building Committee Communications Subcommittee to make the final vote we may need to design and wording of the Dedication plaque.

Roll Call: Alex Magee, Yes, Brett Lambert, Yes, Jim Feeney, Yes, Bill McCarthy, Yes, Judson Pierce, Yes, Amy Speare, Yes, Kate Loosian, Yes, Kirsi Allison-Ampe, Yes, Rob Behrent, Yes, Ryan Katofsky, Yes, Tobey Jason, Yes, Liz Homan, Yes, and Jeff Thielman Yes.

- ♦ Finance Alex said the committee met on May 9 and the next meeting will be on June 13 to approve change order.
- ♦ Interiors Liz said Bill received draft artwork from students for the central space on the wall, and wall graphics for the gym, and discussed plaque.
- ♦ Landscape & Exteriors No report.
- ♦ Memorials No report,
- ♦ SMEPFP No report.
- ♦ Security and Temp Use-Phasing No report.
- **❖** Meeting Minute Approval

On a **motion** by Bill McCarthy, seconded by Kent Werst, it was moved to approve the May 7, 2024 AHS Building Committee minutes.

Roll Call: Alex Magee, Yes, Brett Lambert, Yes, Jim Feeney, Yes, Bill McCarthy, Yes, Judson Pierce, Yes, Amy Speare, Yes, Kate Loosian, Yes, Kirsi Allison-Ampe, Yes, Rob Behrent, Yes, Ryan Katofsky, abstained, Tobey Jason, Yes, Liz Homan, Yes, and Jeff Thielman Yes.

New Business No July meeting

❖ Adjournment

On a **motion** by Ryan Katofsky seconded by Judson Pierce, it was moved to adjournment at 7:00 p.m.

Roll Call: Alex Magee, Yes, Brett Lambert, Yes, Jim Feeney, Yes, Bill McCarthy, Yes, Judson Pierce, Yes, Amy Speare, Yes, Kate Loosian, Yes, Kirsi Allison-Ampe, Yes, Rob Behrent, Yes, Ryan Katofsky, Yes, Tobey Jason, Yes, Liz Homan, Yes, and Jeff Thielman Yes.

Respectfully submitted by

Karen Fitzgerald, AHS Building Committee Recording Secretary