



*Workforce of
Tomorrow*

WT

MORE THAN A BUILDING



West Newbury Selectmen

November 13, 2023

- Maureen Lynch, Superintendent Whittier Tech
- Chip O'Connor, WT School Committee Member
- Kara Kosmes, Business Manager
- David Saindon, OPM, Leftfield
- Doug Roberts, Architect, JCJ
- Kristy Lyons, Consigli



WHITTIER TECH | BUILT IN 1973

VOCATIONAL PROGRAMS HAVE



EVOLVED, TECHNOLOGY AND

EQUIPMENT HAS CHANGED

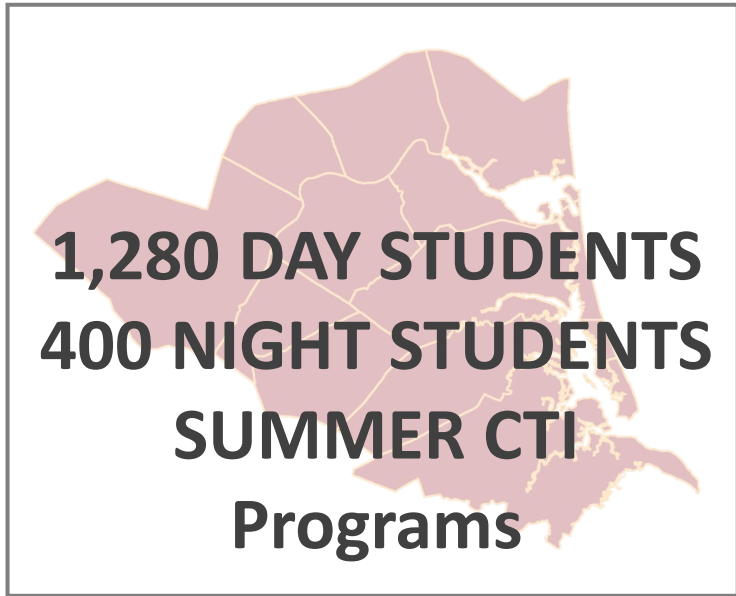
Two Options ONLY/ Code Compliancy Upgrades or New School

Order Of Magnitude Costs Comparison | Code vs. New School

	Code Compliancy Upgrades	New School
Project Duration in years	10 +	3 - 4*
Anticipated Project Cost [in millions]	\$364	\$445
Anticipated State Reimbursement [in millions]	\$0	\$181
Anticipated District Share	\$364	\$264

← Subject to change based on MSBA review of schematic design submission.

* 3 years for building construction; additional year for site restoration.



50 YEARS OF PROVIDING THE WORKFORCE TO THE NORTHSHORE

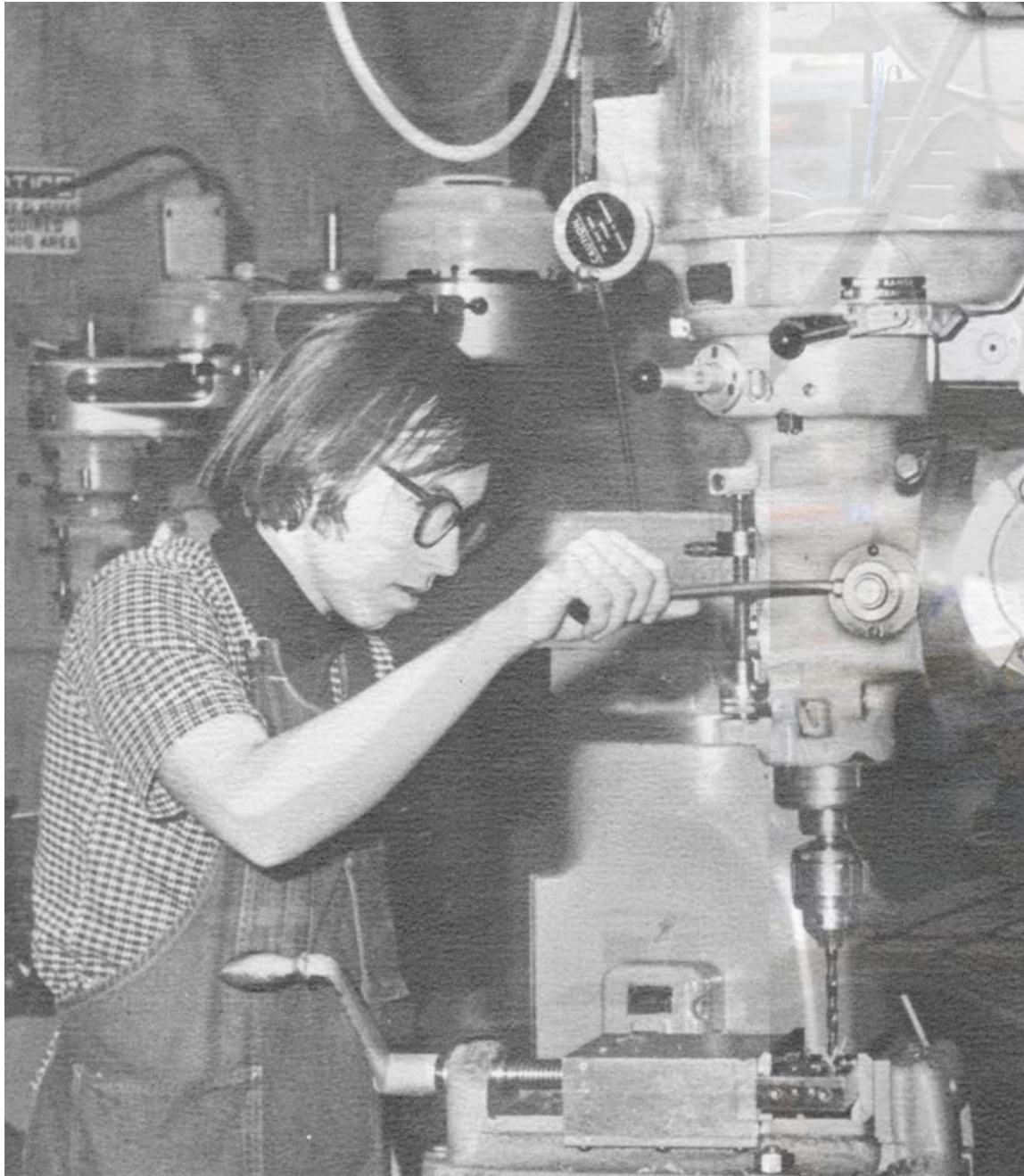
Whittier Tech Program Offerings in 1973

Air Cond. & Refrigeration	Drafting
Auto Body	Electrical
Auto Repair	Fashion Design & Clothing
Basic Electronics	Food & Nutrition
Boat Building	Graphic Communications
Carpentry	Health Careers
Child Care	Int. Design & Decorating
Commercial Art	Machine Shop
Consumer & Homemaking	Painting & Decorating
Cosmetology	Plumbing & Heating
Culinary Arts	Sheet Metal
Data Processing	Trowel Trades
Diesel Mechanics	Upholstery
Distributive Education	Welding

Whittier Tech Program Offerings in 2023

Advanced Manufacturing	Hospitality
Auto Body	HVAC & Refrigeration
Auto Technology	Marine Technology
Carpentry	Marketing
Child Care	Masonry
Cosmetology	Medical Assisting
Culinary Arts	Metal Fabrication
CAD Drafting	Plumbing & Heating
Dental Assisting	Welding
Design & Visual Com. [DVC]	
Electrical	
Electrical/Robotics	
Engineering	
Health Assisting	

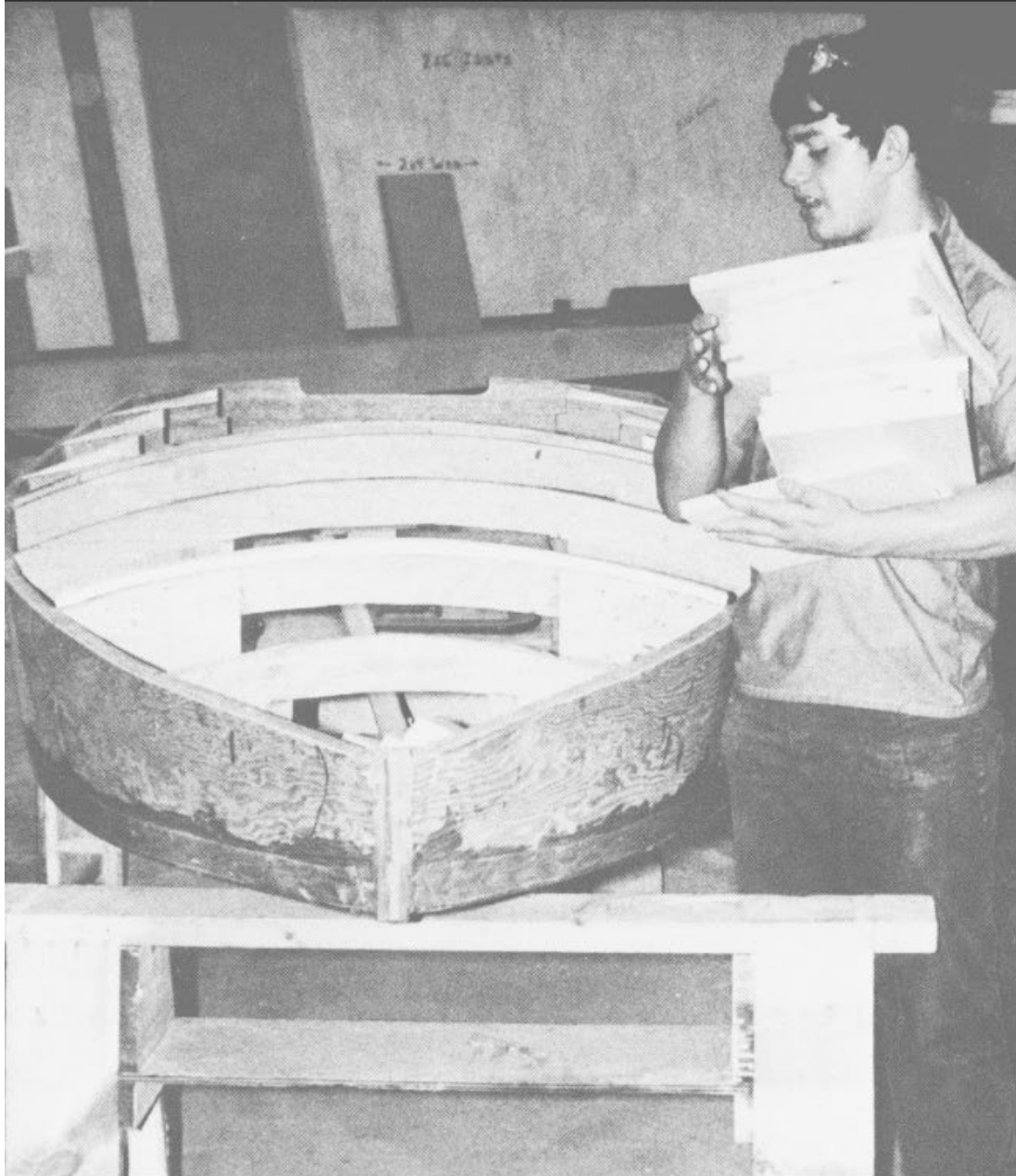
Machine Tech



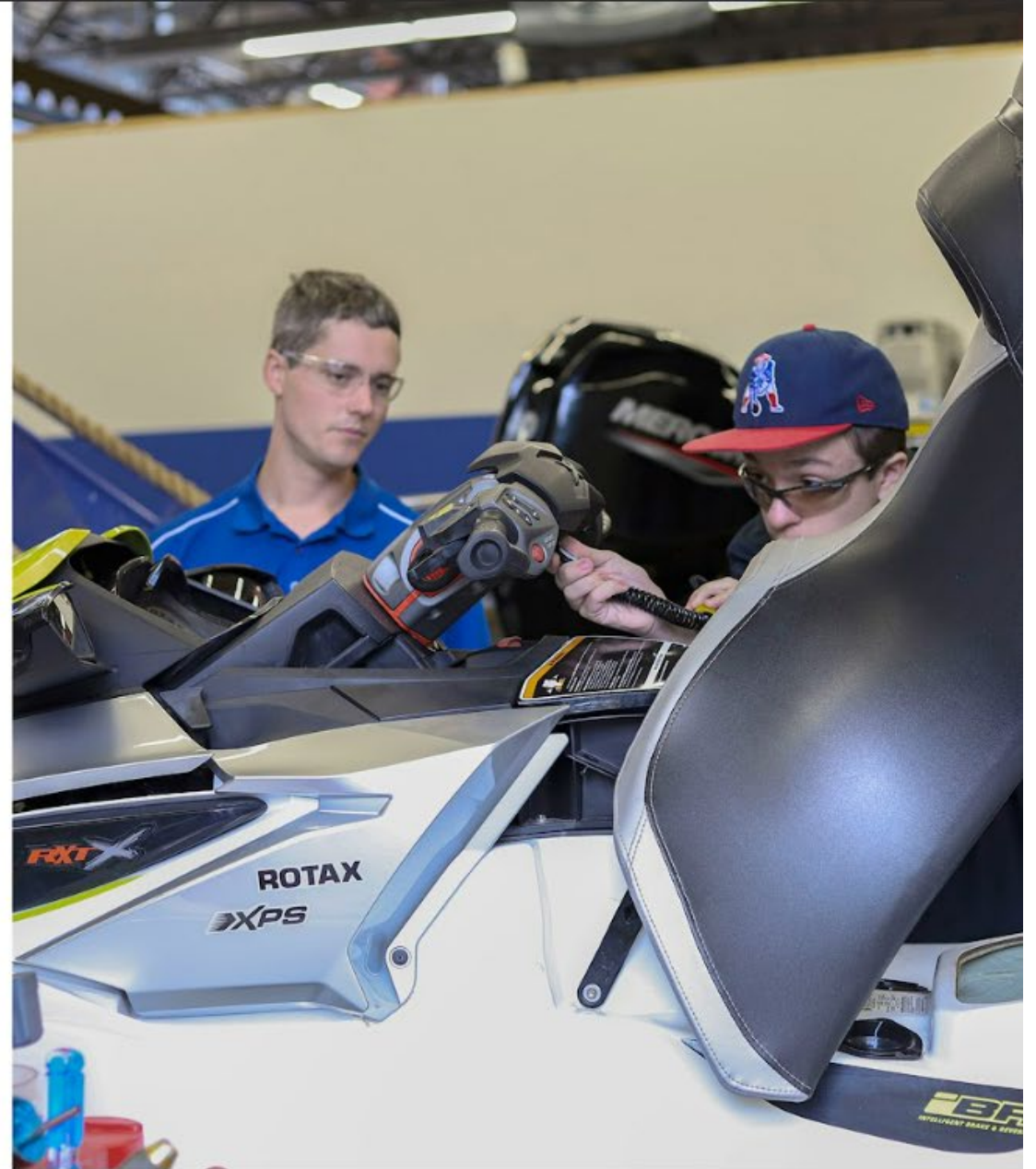
Advanced Manufacturing



Boat Building



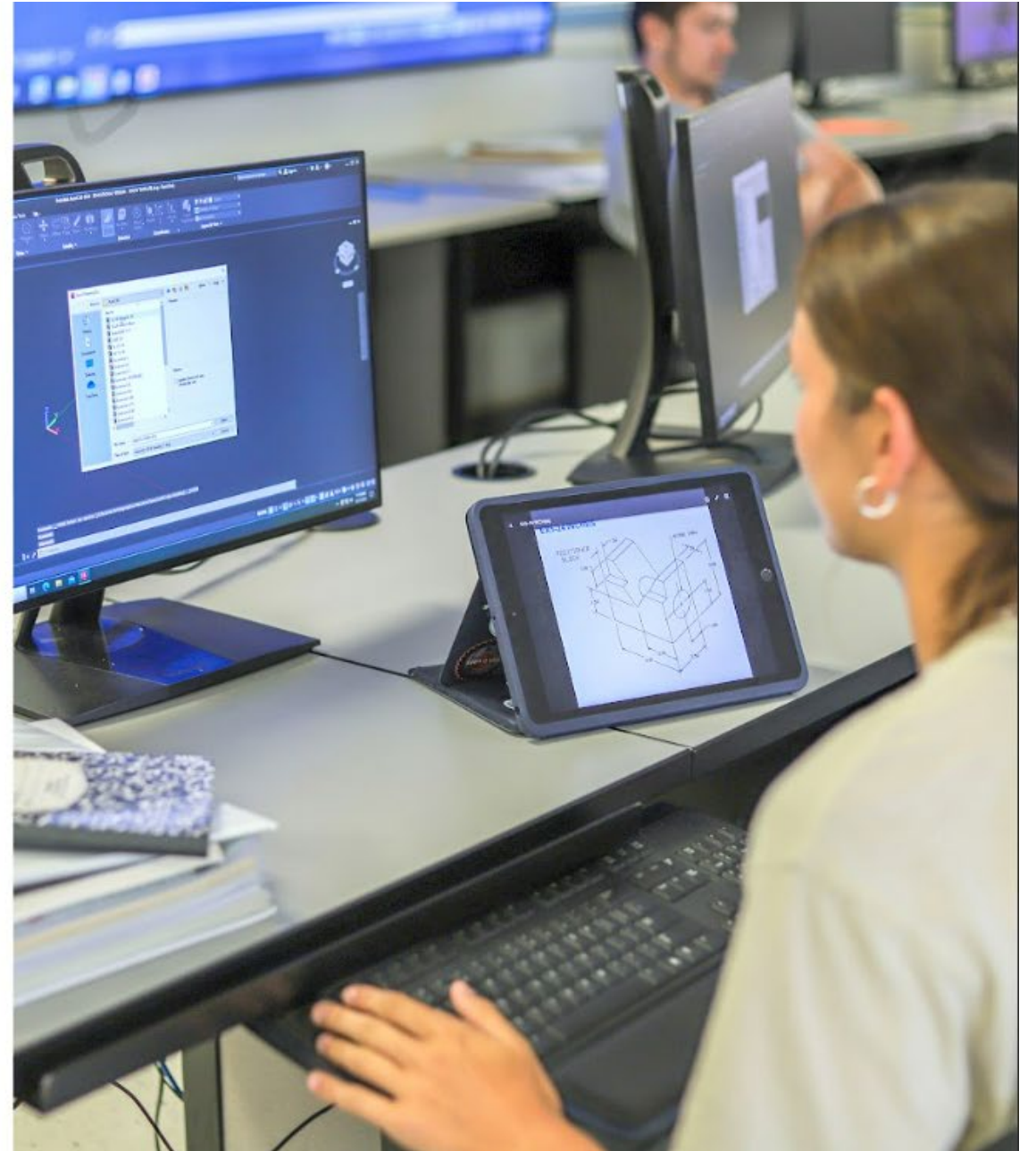
Marine Technology



Drafting

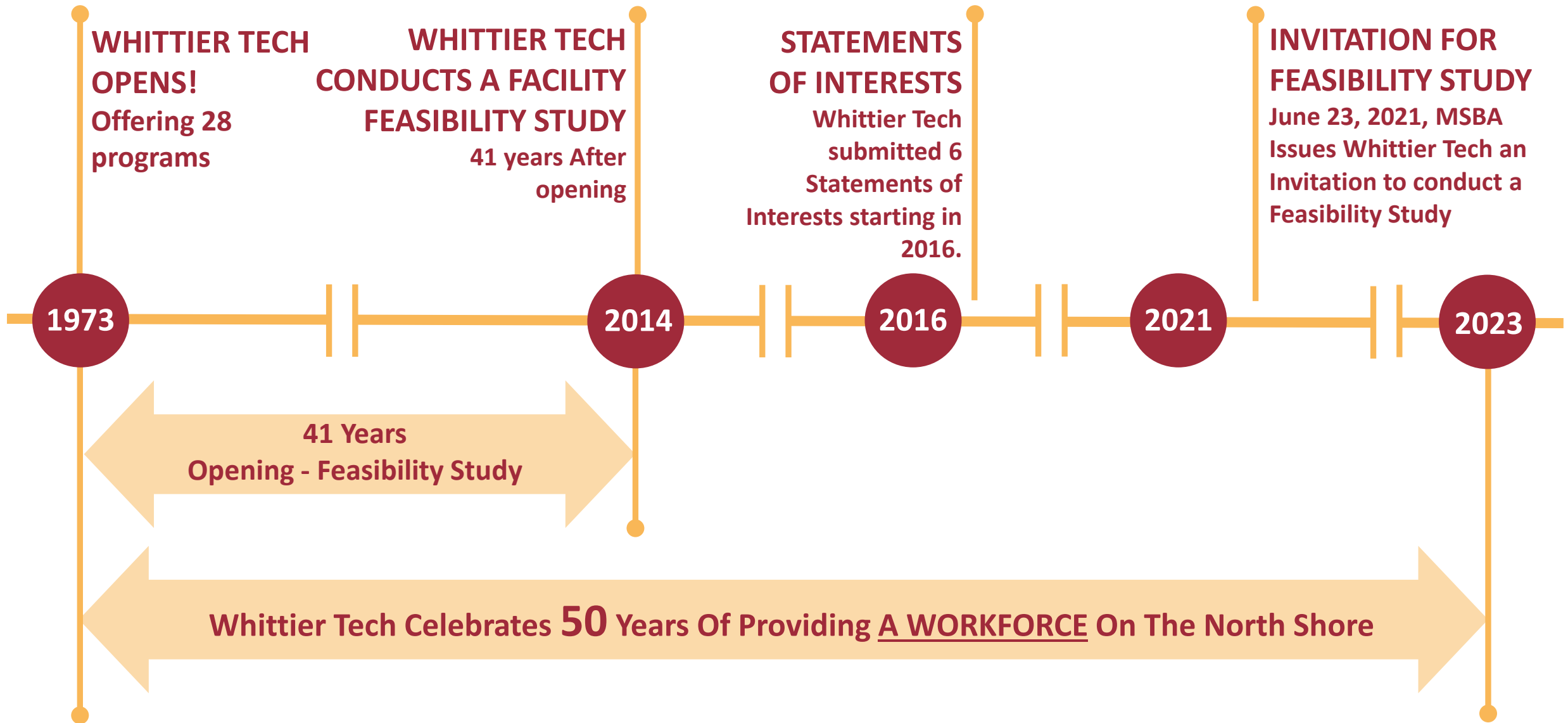


Computer Aided Design [CAD]



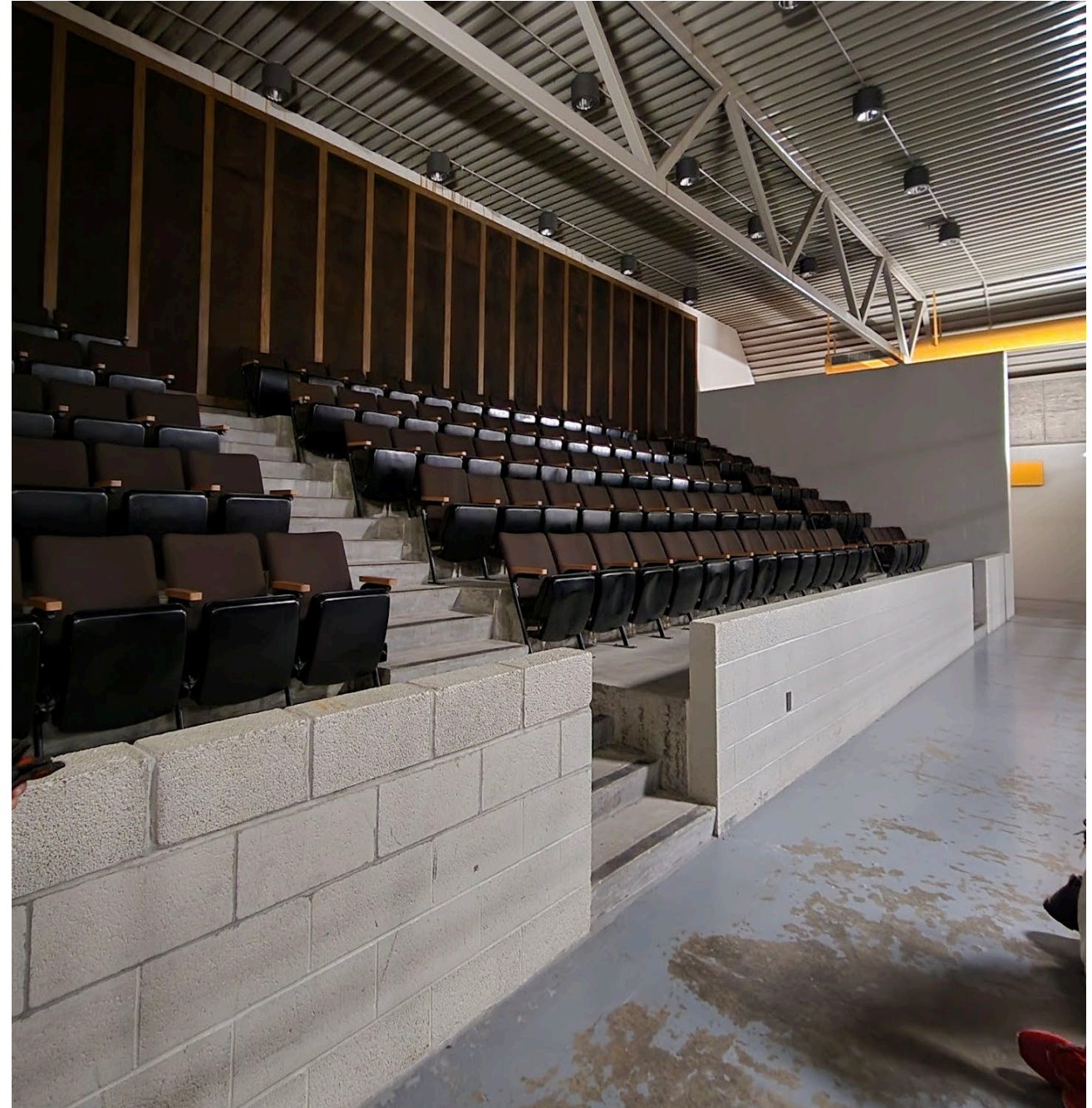


WHITTIER TECH THROUGH THE YEARS

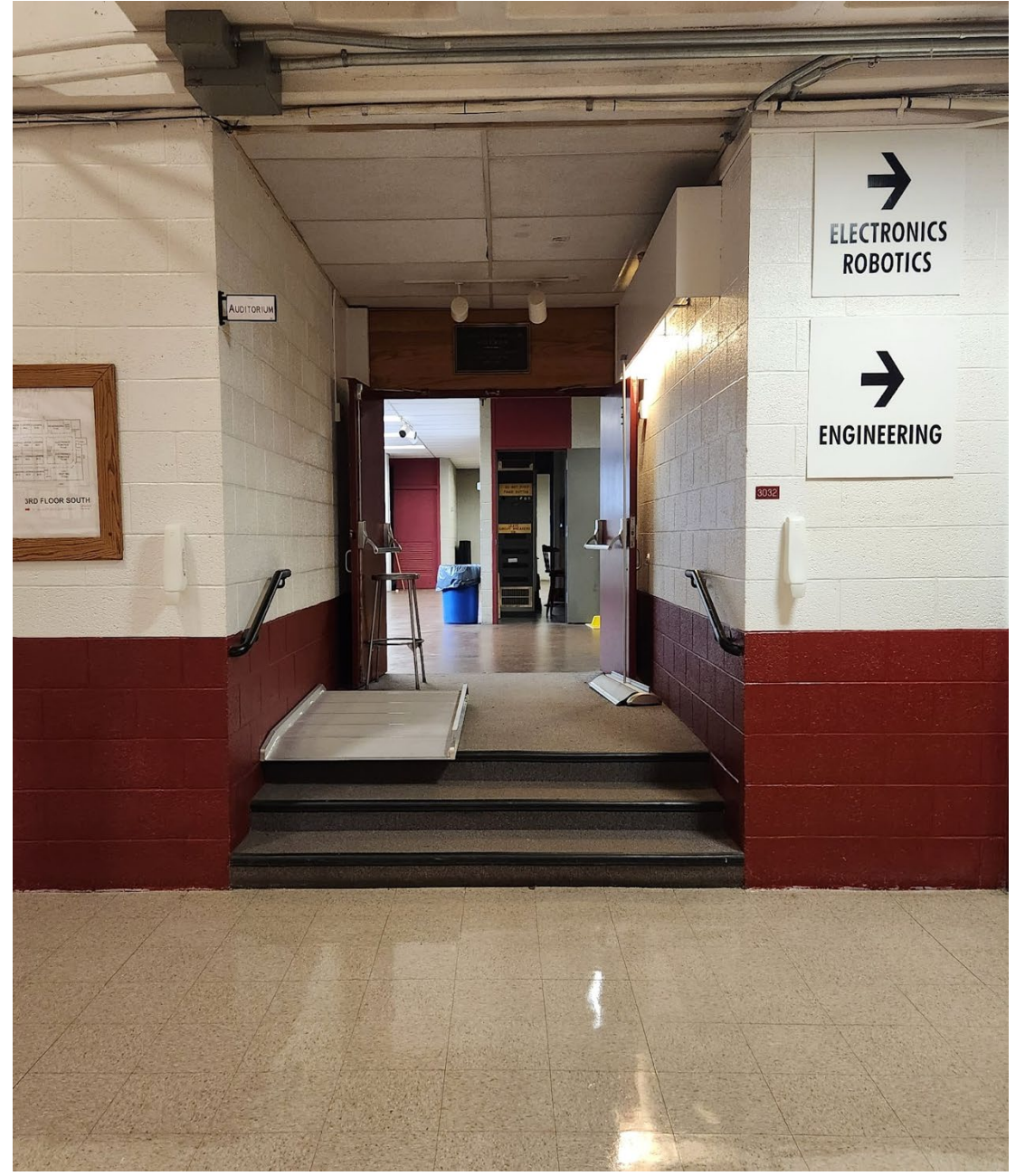


Existing Conditions

CURRENT CONDITIONS



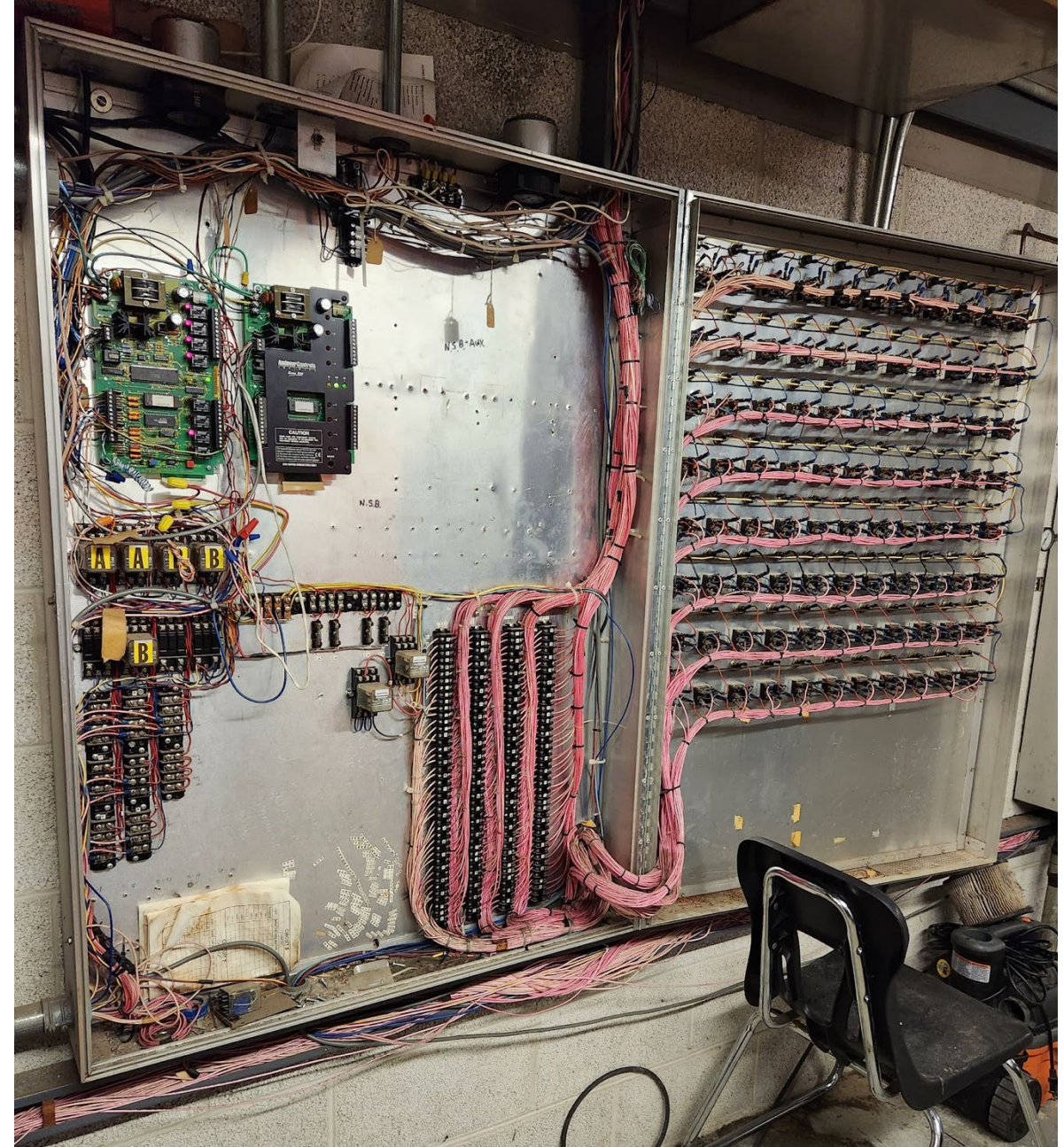
CURRENT CONDITIONS



CURRENT CONDITIONS

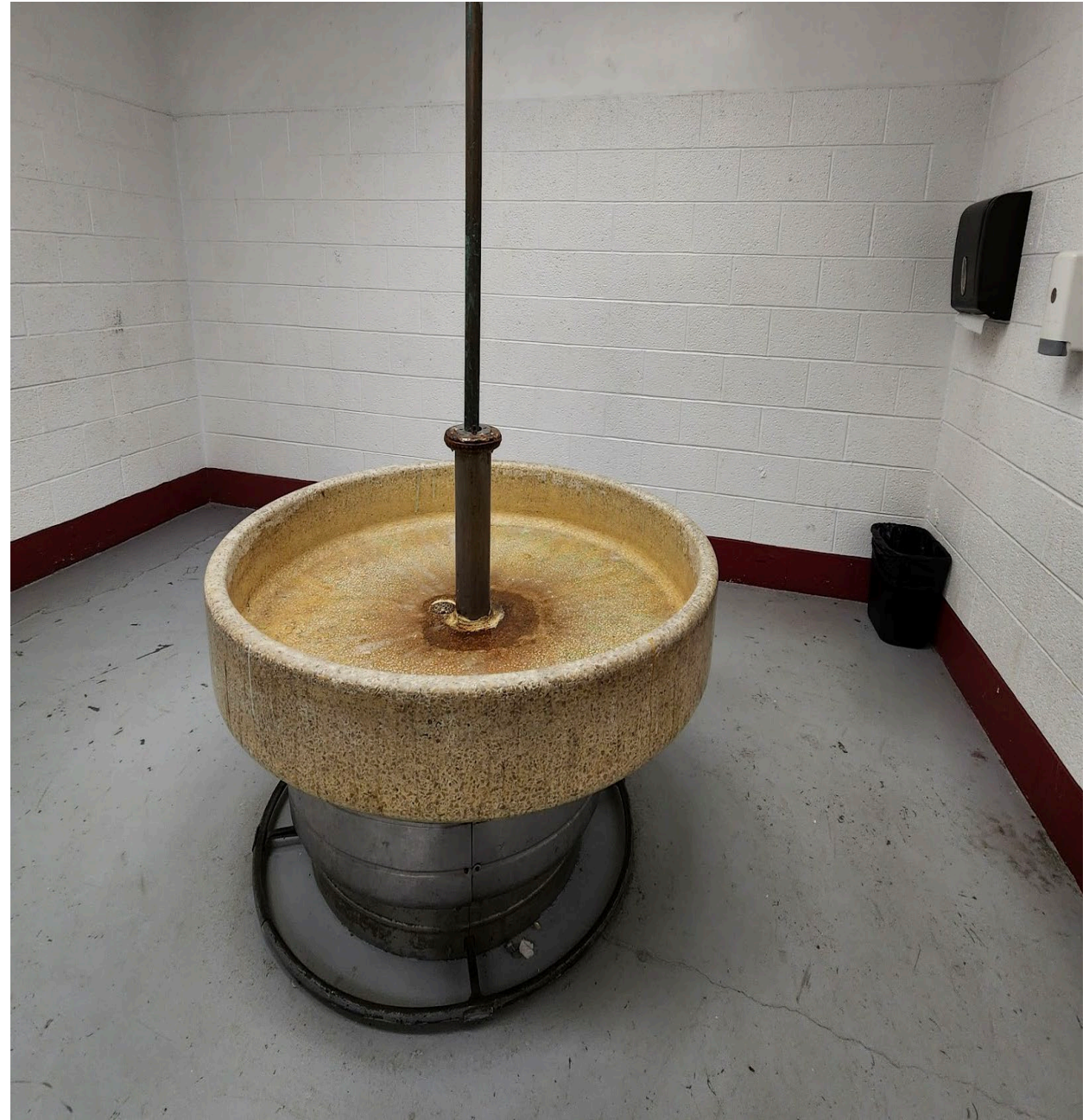


CURRENT CONDITIONS





CURRENT CONDITIONS



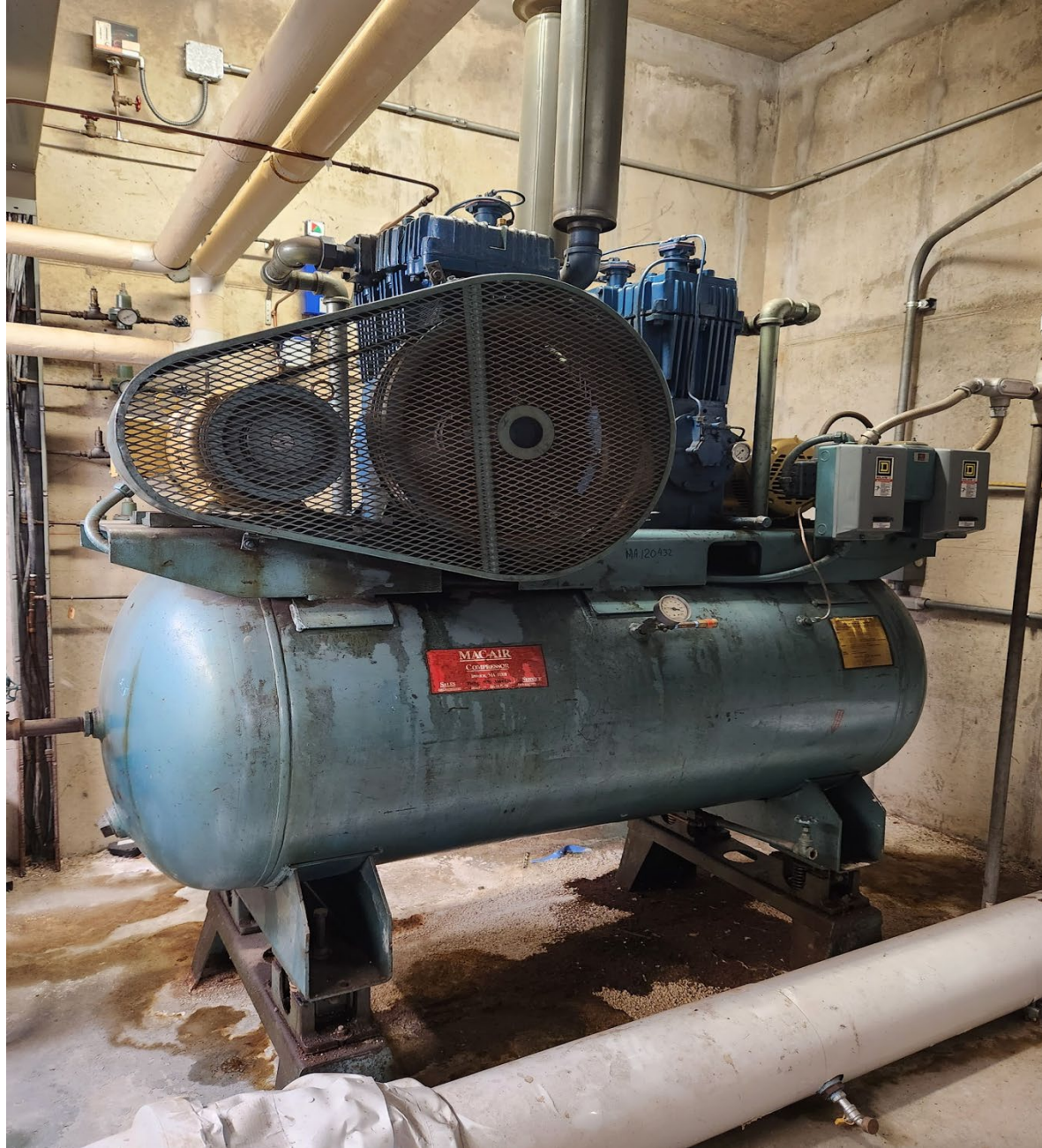
CURRENT CONDITIONS



CURRENT CONDITIONS



CURRENT CONDITIONS





CURRENT CONDITIONS





How Was The Decision Made?
Why?

How was the decision made to build a new school?

- MSBA required Whittier Tech to explore various building options throughout the MSBA Feasibility Module including:
 - Code Upgrade
 - Renovation/Addition
 - New Building

Through a comprehensive qualitative and quantitative analysis of multiple options, the Building Committee determined that constructing a **new facility would be the optimal and most cost-effective solution.**



*To access more
FAQ's on the
Project, please
visit the website*



Why was a new building chosen as the preferred option by the School Building Committee?

It was clear that a new facility would be the most cost effective solution.

- MSBA provides reimbursement for a new school.
 - A new building will allow the district to meet the vocational/technical needs of our CTE programs.
 - It will take approximate 3 years to complete with minimum impact on student learning.
- The significant code upgraded needed and ***required by law*** would be more expensive and there would ***NOT*** be any reimbursement by the state.
 - A code upgrade would not change the overall layout of the building
 - A code upgrade would take approximately 10 years to complete, have a large impact on student learning, and a large potential increase in costs.

The Design

AERIAL VIEW



MAIN ENTRY VIEW

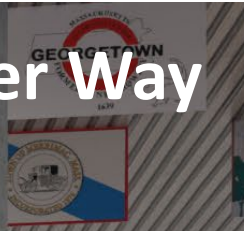


LOWER ENTRY VIEW



CUSTOMER ENTRY VIEW





Workforce of Tomorrow



Whittier Way



Maker Space



SkillsUSA
MASSACHUSETTS



Health Assisting



Neighborhood Breakout



Typical Classroom



Resonance Hybrid: True structure of molecule represented by a set of resonance structures

True Structure

Positive charge is delocalized over carbon 1 & 3



What is the difference between resonance structures & true structures?

Why does charge delocalization stabilize a molecule?

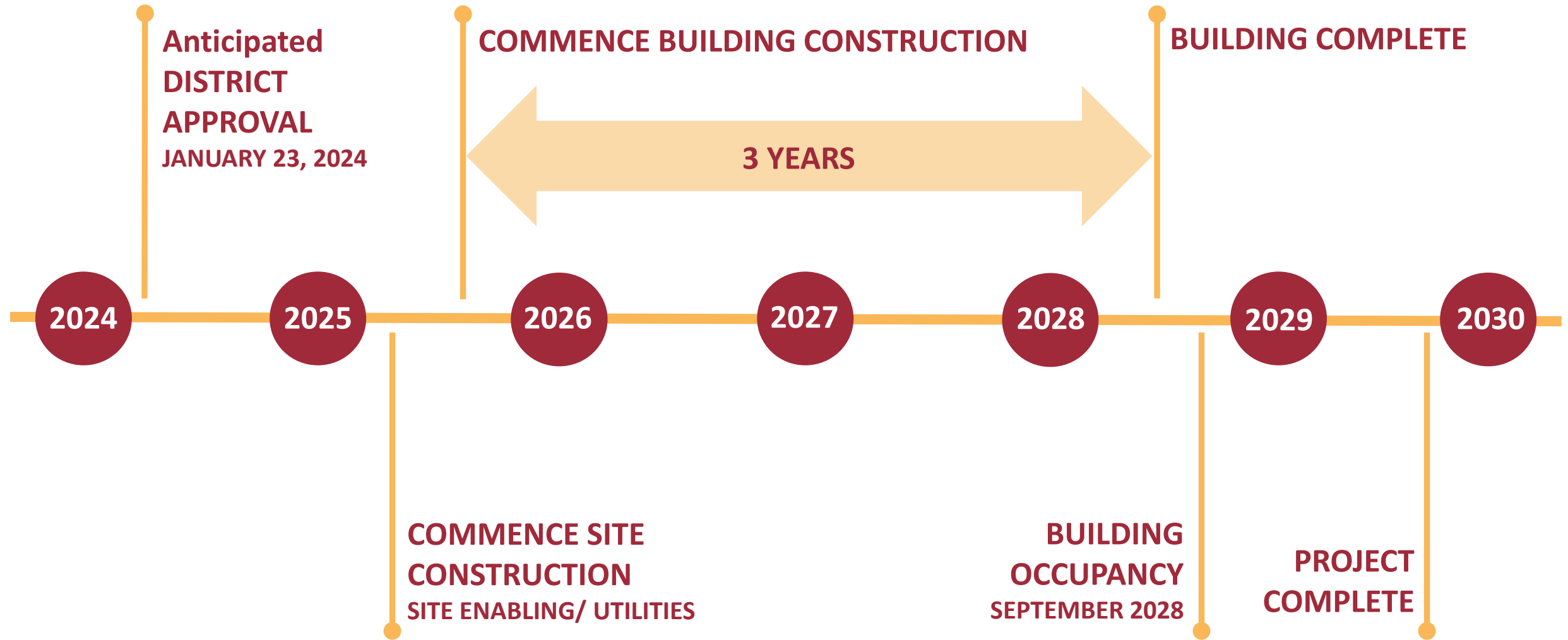
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PROJECT SCHEDULE SUMMARY



Project Budget & Tax Impact

Total Project Budget | MSBA – District Share

Total Project Cost	\$444.6 M **
Anticipated MSBA Grant	\$165.1 M **
Anticipated Federal Incentive & State Rebates	\$15.4 M **
Anticipated District Share	\$264.1 M **

Subject to change based on MSBA review of schematic design submission.

Based on MSBA anticipated grant adjustment, the District Share will be adjusted accordingly.

** All values are subject to change based on actual project expenditures and MSBA audit **

ANTICIPATED TAX IMPACT ANALYSIS

Town/ City	Estimated Debt Service	Annual Cost* per \$100,000 of Value	Average Home/ Property Assessed Value	Debt Service Timeline				
				2024	2025 - 2028 [4 years]	2029 - 2055 [27 years]	2056 - 2058 [3 years]	Average 2025 - 2058 [34-years]
Amesbury	\$50,252,050	\$45.94	\$520,000	\$0	\$142	\$270	\$84	\$239
Georgetown	\$35,901,617	\$58.17	\$600,000	\$0	\$208	\$395	\$123	\$349
Groveland	\$21,729,926	\$45.92	\$575,000	\$0	\$157	\$299	\$93	\$264
Haverhill	\$214,643,665	\$59.13	\$450,000	\$0	\$158	\$301	\$94	\$266
Ipswich	\$40,242,495	\$30.30	\$700,000	\$0	\$126	\$240	\$75	\$212
Merrimac	\$20,146,782	\$51.21	\$525,000	\$0	\$160	\$304	\$95	\$269
Newbury	\$17,159,237	\$22.76	\$750,000	\$0	\$102	\$193	\$60	\$171
Newburyport	\$59,521,102	\$28.62	\$825,000	\$0	\$140	\$267	\$83	\$236
Rowley	\$18,844,519	\$37.03	\$620,000	\$0	\$137	\$260	\$81	\$230
Salisbury	\$21,678,857	\$26.99	\$500,000	\$0	\$80	\$153	\$48	\$135
West Newbury	\$15,882,508	\$33.60	\$815,000	\$0	\$163	\$310	\$97	\$274

Tax Calculator Qualifications

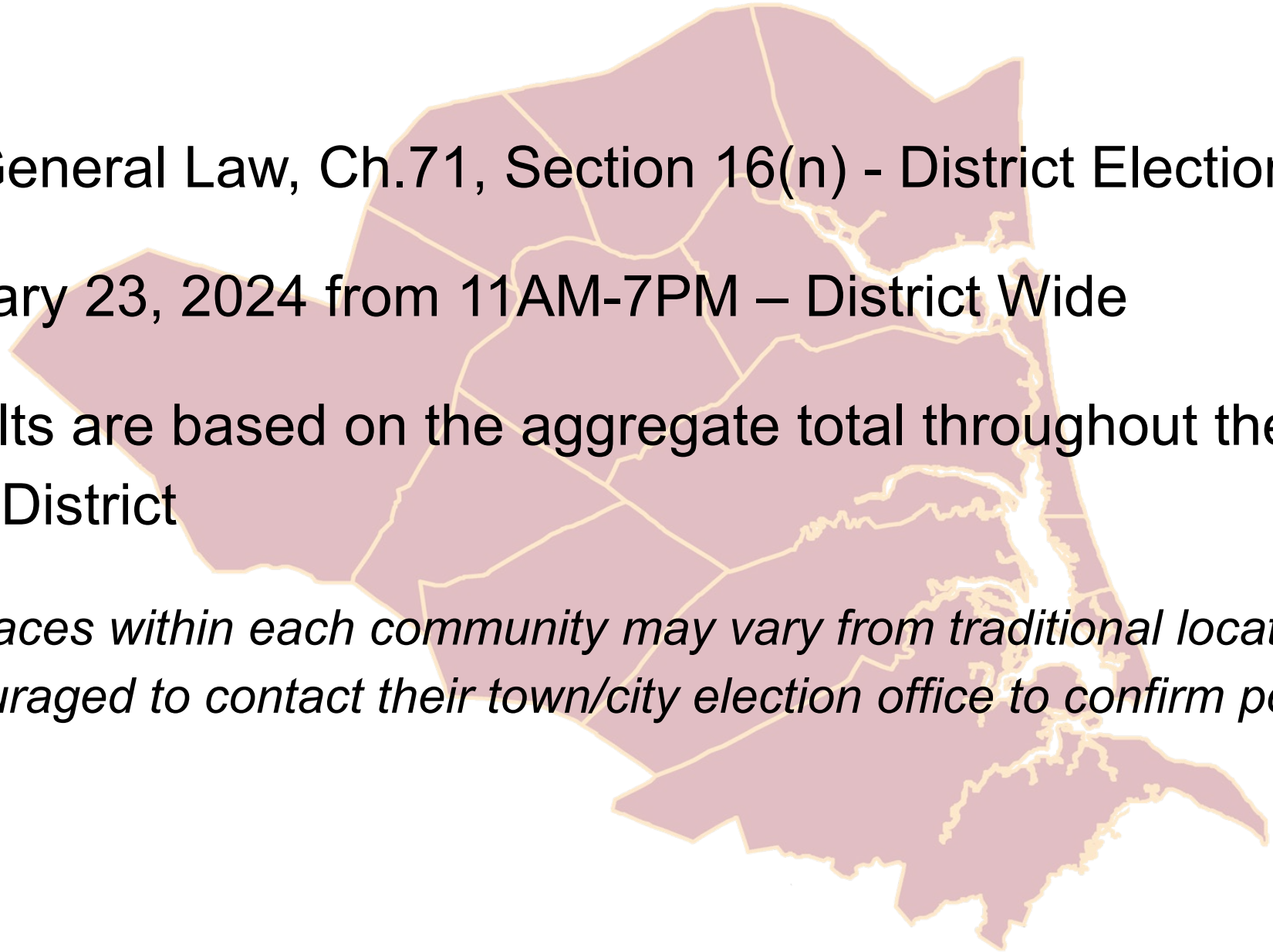
- Based on a Project value of \$444.6M.
- Based on an anticipated District Share of \$264M. Value subject to change based on MSBA project approval, total project expenditures, and MSBA audit.
- Projected interest rate on notes; 4%. Interest rates are subject to change.
- Projected interest rate on bonds; 5%. Interest rates are subject to change.
- Total Districtwide school-aged student enrollment [current]: 20,208
- Values are based on communities implementing a debt exclusion. If a community can fund its share of the project within its levy limit, there would be no additional tax impact on the community's taxpayers. If a community decides to partially fund its share of the project within its levy limit, the tax impact on the community's taxpayers would be reduced accordingly.

Anticipated Districtwide Vote
What If It Fails?
Next Steps

ANTICIPATED DISTRICTWIDE VOTE

- MA General Law, Ch.71, Section 16(n) - District Elections
- January 23, 2024 from 11AM-7PM – District Wide
- Results are based on the aggregate total throughout the Whittier Tech District

Polling places within each community may vary from traditional locations; voters are encouraged to contact their town/city election office to confirm polling locations.



WHAT IF THE VOTE FAILS? | NEXT STEPS

The District WILL have to move forward with a Code Upgrade IMMEDIATELY.

Imminent Project	Estimated Value
Wastewater Treatment Plant	\$ 11,700,000
Sprinkler Suppression System	\$ 12,100,000
Access Road	\$ 11,400,000

Whittier Tech's Building is worth approximately 34 million dollars
Once these code upgrades are completed the district will meet the 30% threshold of cost that would trigger a full ADA code and compliance upgrade required by law. (CMR 521)

Examples of Other Required Code & Imminent Upgrades

- Wastewater Treatment Plant & associated infrastructure
- Secondary access road [Haverhill AHJ]
- Implementation of a fully sprinklered facility [Haverhill AHJ]
- Full ADA accessibility [building & site]
- Code compliant elevator
- Mechanical & plumbing replacements beyond useful life
- Electrical replacement beyond useful life
- Civil utilities to support building upgrades
- Envelope upgrades [including new roof & window replacement]
- Structural modifications to support MEP replacements
- Various interior work as result of above upgrades
- Selective demolition/abatement related to the above upgrades

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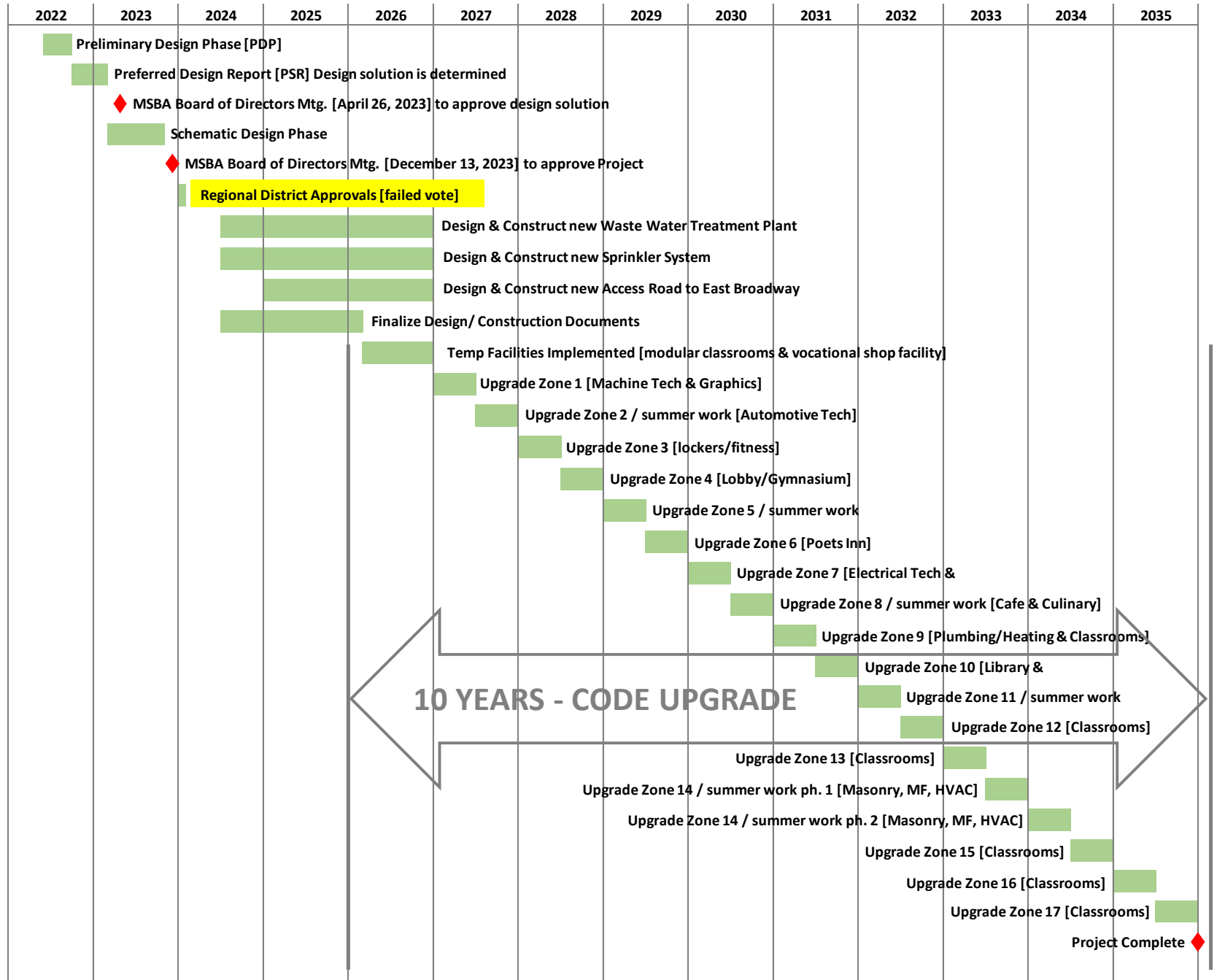
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PROJECT FAILED VOTE - CODE UPGRADE COST AND DURATION

Project	Soft Costs	Hard Costs	Project Total	Project duration	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
New Waste Water Treatment Plant	\$3.70	\$8.00	\$11.70	3 YEARS	\$1.00	\$5.35	\$5.35									
New Sprinkler System	\$2.40	\$9.70	\$12.10	3 YEARS	\$0.75	\$5.68	\$5.68									
New Access Road	\$2.10	\$9.30	\$11.40	4 YEARS		\$0.75	\$10.65									
Campus Wide Code Upgrade	\$64.19	\$264.86	\$329.05	10 YEARS		\$10.00	\$31.96	\$31.96	\$31.96	\$31.96	\$31.96	\$31.96	\$31.96	\$31.96	\$31.58	\$31.58
			\$364		\$1.75	\$21.78	\$53.64	\$31.96	\$31.96	\$31.96	\$31.96	\$31.96	\$31.96	\$31.96	\$31.58	\$31.58

CODE UPGRADE, FAILED VOTE CONCEPTUAL SCHEDULE



Community Outreach

What Started it All

- In 2016 when the MSBA accepted SOI, WT went to each town/city to share this project was coming and request for stabilization accounts to be former
- December 2019 - [MSBA Invites Whittier Regional High School into Eligibility Period](#)
- January 2020 - [New or Renovated Whittier Tech on the Way After School Building Authority Deems it Eligible](#)



[School Building Committee Meetings](#)

29 meetings to date as of 10/18/23

[Community Forum & Advisory Board](#)

1. Community Forum #1 - 10/6/22
2. Advisory Board Fall Meeting - 10/27/22
3. Community Forum #2 - 2/16/23
4. Advisory Board Spring Dinner - 4/6/23
5. Community Forum #3 - 10/5/23
6. Advisory Board Fall Meeting - 10/17/23
7. Building Project Presentation at Open House - 11/5/23
8. Building Project Presentation at Parent's Night - 11/16/23

Wildcat Wire Newsletters

- [May 2023](#)
- [June 2023](#)
- [July 2023](#)
- [August 2023](#)
- [September 2023](#)
- [October 2023](#)

Building Project Social Media Posts

1. 9/19/22 - [Come Join Us for a Community Forum on 10.6](#)
2. 10/6/22 - [Reminder about 10.6 Community Forum](#)
3. 11/4/22 - [Open House Reminder](#)
4. 11/6/22 - [Open House Day!](#)
5. 11/8/22 - [Open House Recap](#)
6. 2/13/23 - [Local Legislation Visits WT](#)
7. 2/14/23 - [WT Invites Public to Community Forum for Project](#)
8. 2/17/23 - [Legislators Tour Whittier - Press Release](#)
9. 2/22/23 - [Whittier Tech Building Committee Approves Proposal](#)
10. 4/26/23 - [MSBA Approves New Building](#)
11. 10/2/23 - [Meet the Teacher & Community Forum on Project](#)
12. 10/2/23 - [Building Project Road Show](#)
13. 10/4/23 - [Alumni Events](#)
14. 10/05/23 - [Building Project Community Forum TONIGHT](#)
15. 10/17/23 - [Alumni Mixer @ Mission Oak Grill](#)
16. 10/24/23 - [Alumni Mixer Reminder](#)
17. 10/31/23 - [Open House Preview - DVC Photoshoots](#)
18. 11/01/23 - [Open House Preview - Vocational Photos](#)
19. 11/02/23 - [Open House Preview - Student Photos](#)
20. 11/03/23 - [Consigli Video Shared on Social Media](#)
21. 11/03/23 - [Open House Preview - SetUp Sneak Peek](#)
22. 11/04/23 - [Open House Preview - Academic Video](#)
23. 11/05/23 - [Open House is Today](#)
24. 11/05/23 - [Open House Recap](#)
25. 11/08/23 - [Community Forum on 11/16/23](#)

(Facebook, X, Instagram, Threads, & Stories on FB/IG)

Since July 2022, there has been over 510 different topics in general posted on WT social media

Press Releases

1. 9/19/22 - [Story for Community Forum re: new building](#)
2. 10/13/22 - [Open House Press Release](#)
3. 11/8/22 - [Open House Recap](#)
4. 12/21/22 - [Whittier Named Distinguished School](#)
5. 2/14/23 - [WT Athletic Hall of Fame](#)
6. 2/14/23 - [WT Invites Public to Community Forum for Project](#)
7. 2/17/23 - [Legislators Tour Whittier](#)
8. 2/22/23 - [WT Building Committee Approves Proposal](#)
9. 4/26/23 - [Preferred Design for New WT Approved by MSBA](#)
10. 6/30/23 - [WT Announces Inaugural Class of Athletic HOF](#)
11. 9/20/23 - [Whittier Tech Celebrates 50th Year with HOF](#)
12. 10/2/23 - [Building Project Road Show](#)
13. 10/17/23 - [WT's 50th Celebration & HOF](#)
14. 10/18/23 - [Alumni Events](#)
15. 10/20/23 - [Open House Press Release](#)
16. 10/25/23 - [Summer 2024 CTI Grant](#)

Additional Dates

- Over 11 City/Town Selectmen Meetings between September-December 2023
- Whittier Tech Current Building Tour - Saturday, January 13, 2024



For up-to-date information, check out <https://buildingthefutureofwhittier.org>

Alumni Spotlight



Our Whittier Tech Alumni are all over the community contributing in all different ways.

They take their skills and run with them in:

- College
- Employment
- Business
- Ownership
- Armed Forces

Many alumni report that their **true foundation** started here at Whittier Tech.

West Newbury Whittier Alumni Spotlight

- Sean Thibodeau
- 2015 Graduate
- Advanced Manufacturing
- Fairview Machine Company
- “I’ve been at Fairview for 8 years and I have grown so much professionally over my time there - I am thankful for what I learned at Whittier in Machine Tech - that’s how I got the job.”





WHITTIER TECH NEVER SLEEPS ENDLESS PROGRAM OPPORTUNITIES

- Robust Evening Education Programs (Professional Development & Personal Enrichment)
- FREE Summer Career Training Programs (Career Technical Initiative, CTI)
- CVTE Program - High School Senior Exploratory Program

District Wide Vote on January 23, 2024

[Learn More](#)

115 AMESBURY LINE ROAD, HAVERHILL MA 01830



WHITTIER BUILDING PROJECT

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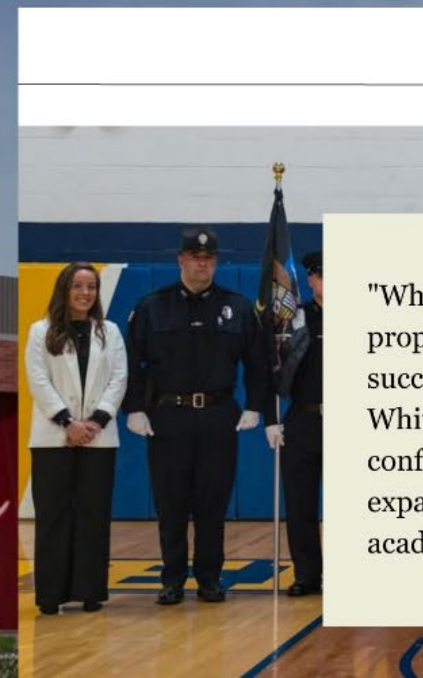
[UPCOMING EVENTS](#)

[CONTACT US](#)



SCAN ME

For more information on the Project, please visit the website



Maeve Dubiel '16
High School Alumni

"Whittier provided me with the proper tools and skills to be successful in my career today. Whittier helped me build confidence and encouraged me to expand on my professional and academic development."

THANK YOU

Anticipated Districtwide Vote

January 23, 2024

11 AM to 7 PM

***Please check with your local City/Town Election Office
to confirm polling locations.***



MORE THAN A BUILDING