



BLOOMFIELD BOARD OF EDUCATION - BOARD OF EDUCATION SPECIAL MEETING -
BOARD RETREAT

Board of Education Special Meeting - Board Retreat AT Saturday, June 29, 2024

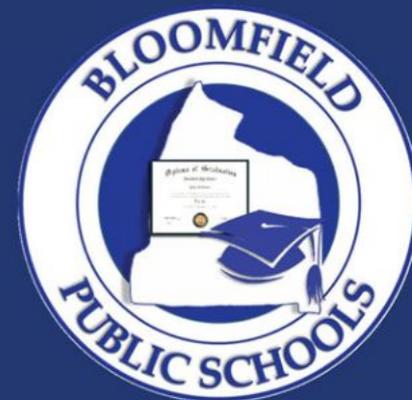
Retreat, 134 Norwood Road, West Hartford, CT 06117

1. Establishment of a Quorum and Call to Order
L. Easmon
2. New Business
 - A. Learning the Process of Policy Adoption and Revision
J. Goeler
 - B. Learning the Process of Bargaining Unit Contract Negotiations
T. Curtis and A. Crumbie
 - C. Planning for Capital Improvements
B. Silver and K. Wallach
3. Adjournment
L. Easmon

Bloomfield Public Schools

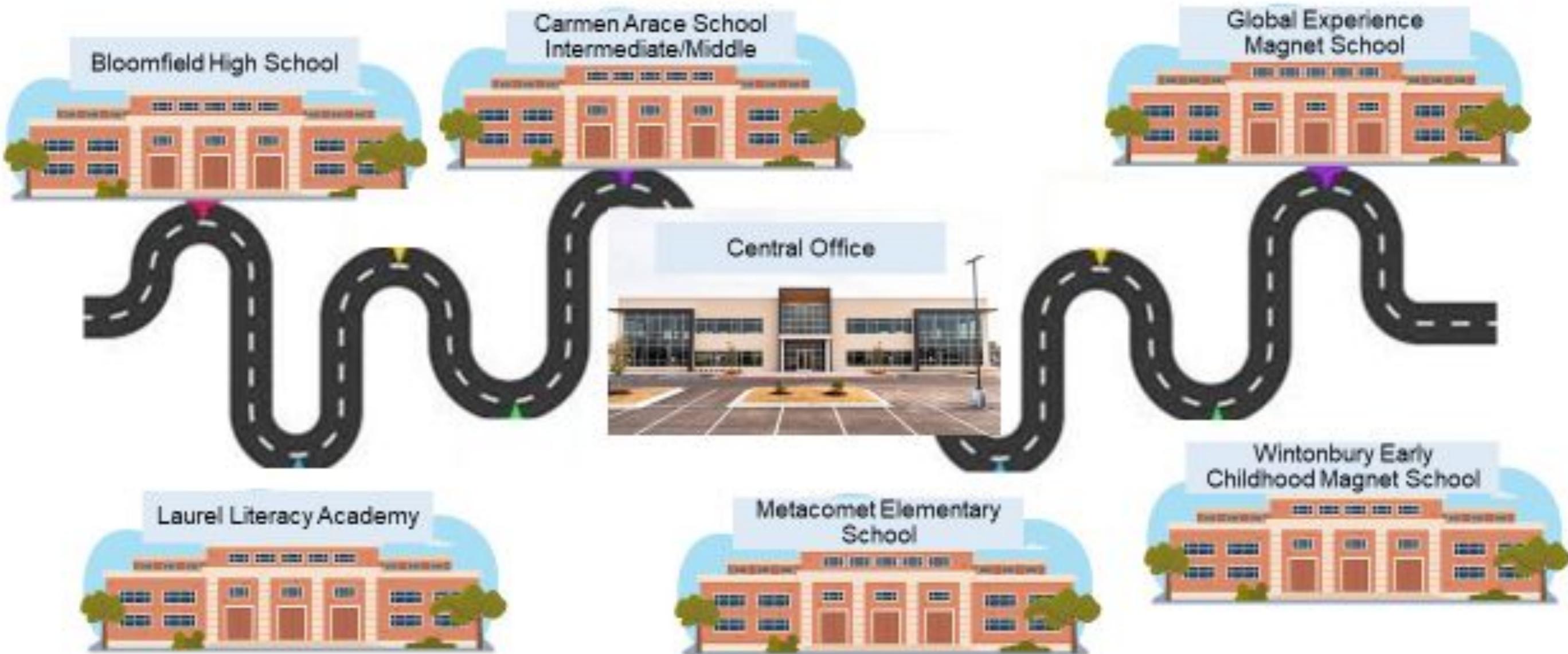
Planning for Capital Improvements

June 29, 2024



Making a Difference

A roadmap to the future look of our district



Goals:

1. Inform Board Members about the current state of BPS facilities and technology
2. Share 2024-25 Prioritized Projects
3. Strategize for a 10 Year Facilities Plan
4. Explore offering programs that are currently contracted out





School Facilities Overview

Building	Use/Grades	Year Built	Renovations	Most Recent Renov'n	Years Since Renov'n	Total Sq Ft	Students	Staff (Approx.)	Building Daily Occupancy
Board of Education Central Office	Admin & Facilities	1957	1987	1987	37	33,424	0	44	44
Bloomfield High School	9 - 12	1955	1961, 1966, 1972, 1977, 1979, 1991, 1993, 2010	2010	14	181,048	505	105	610
Agriscience Center	9 - 12	1997		1997	27	7,770			
Carmen Arace Intermediate School	5 - 6	1970	1979, 1984, 2009	2009	15	170,561	217	46	263
Carmen Arace Middle School	7 - 8						219	47	266
Arace: STEPS Alternative Program	K - 8						17	12	29
Global Experience Magnet School	6 - 12	1987	2007	2007	17	22,982	178	36	214
Laurel Elementary School	PreK - 2	1963	2011	2011	13	52,523	311	62	373
Metacomet Elementary School	3 - 4	1960	2010	2010	14	44,449	198	41	239
Wintonbury Early Childhood Magnet School	PreK	2009		2009	15	46,666	319	66	385
Summary	PreK-12				Avg: 19	559,423	1964	459	2423

Town and Public Use of School Facilities

- Carmen Arace School is the Town's Emergency Shelter
- 4 Schools are polling locations for voting
- Rental of gymnasiums, auditoriums, libraries and athletic fields for Leisure Services, outside groups and youth sports
- Laurel, Metacomet and Wintonbury have playgrounds for community use when school is not in session
- Adult Education is located at Carmen Arace School
- BATV is housed at Carmen Arace School
- Carmen Arace School served as a community vaccination center during COVID
- Carmen Arace School will be a point of dispensing / distribution (POD) location for the West Hartford -Bloomfield Health District



Floor and Maintenance Plans



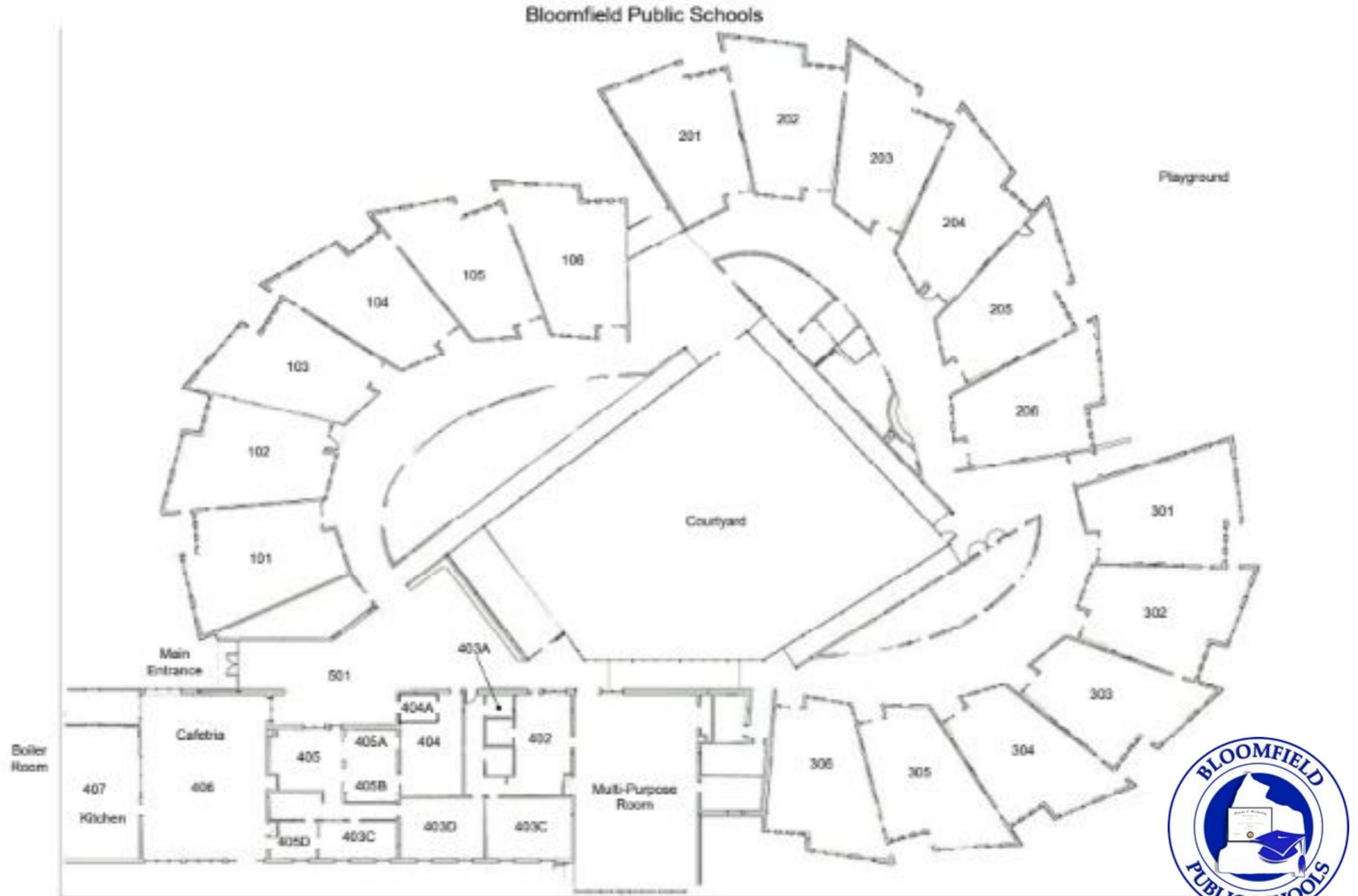
All Schools & Central Office

Project	Location	*Investment
WiFi fully funded - rip and replace, or add drops to increase coverage	all schools and CO	\$53,250
Replace work order system 'School Dude' with FMX - savings	District-Wide	+\$3,000
Replace Welcome Center carpet		\$2,654
Total		\$52,904

*All investments are estimates.



WINTONBURY



Wintonbury Early Childhood Magnet School - Floor Plan.vsd 5/6/2024



WINTONBURY 2024-25 TECHNOLOGY AND MAINTENANCE PROJECTS

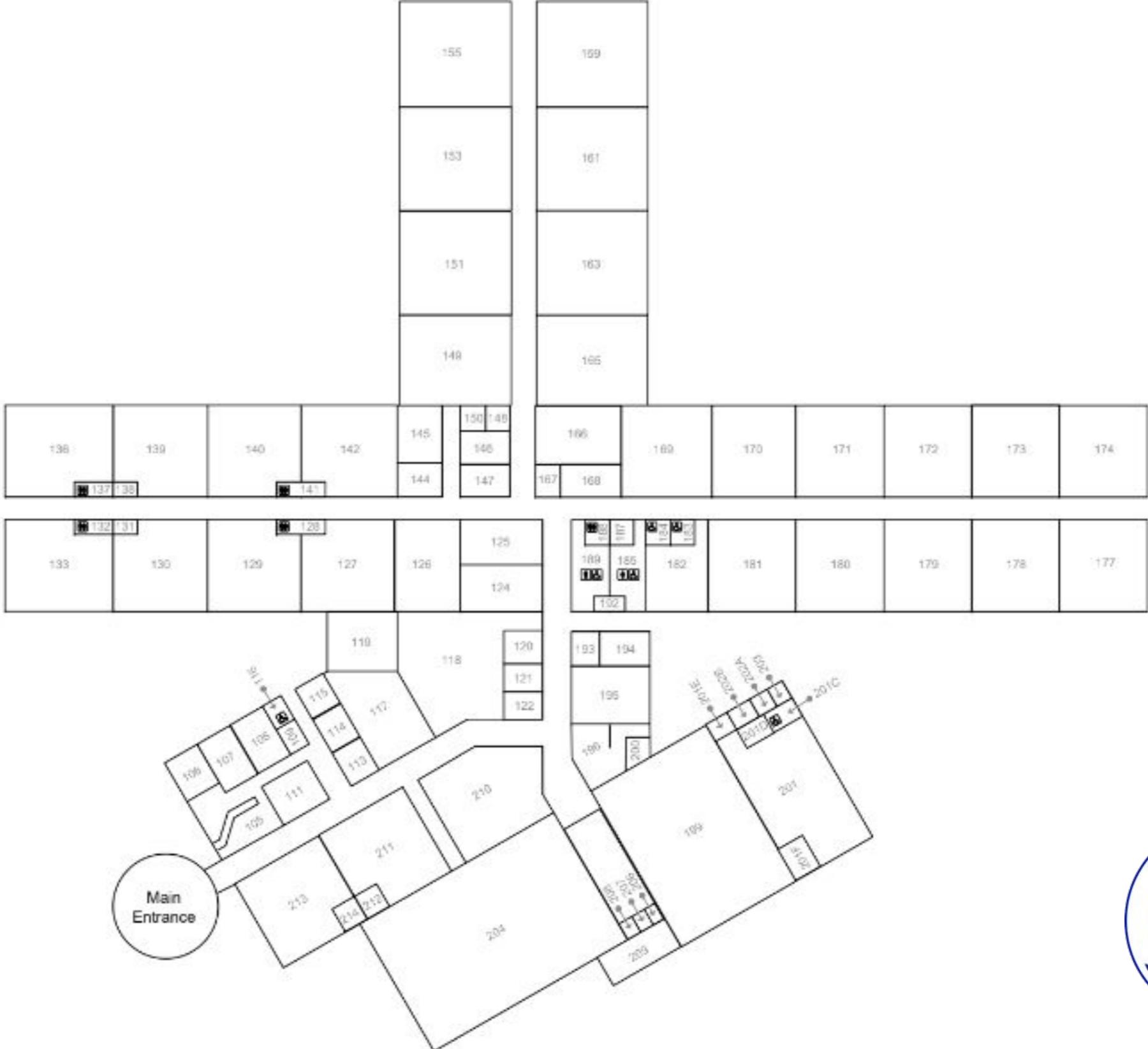
Project	*Investment
New iPads (42)	\$18,000
Annual Painting to address wear and tear	\$8,000
HVAC Chiller Parts	\$1,283
Annual floor repair program to replace damaged floor tiles and reduce trip hazards	\$10,000
Upgrade failed PA system	\$24,000
Repair wooden guard rail, striping, sidewalk repairs	\$36,780
Calibrate Airflow Measuring Stations (IAQ)	\$6,000
Building enclosure study	\$23,500
Total	\$127,563

*All investments are estimates.



LAUREL

Bloomfield Public Schools



LAUREL 2024-25 TECHNOLOGY AND MAINTENANCE PROJECTS

Project	*Investment
Annual Painting to address wear and tear	\$9,000
Annual floor repair program to replace damaged floor tiles and reduce trip hazards	\$10,100
Extend Kindergarten concrete sidewalk 32 feet and parking lot striping	\$25,854
Total	\$44,954

*All investments are estimates.



METACOMET

Bloomfield Public Schools



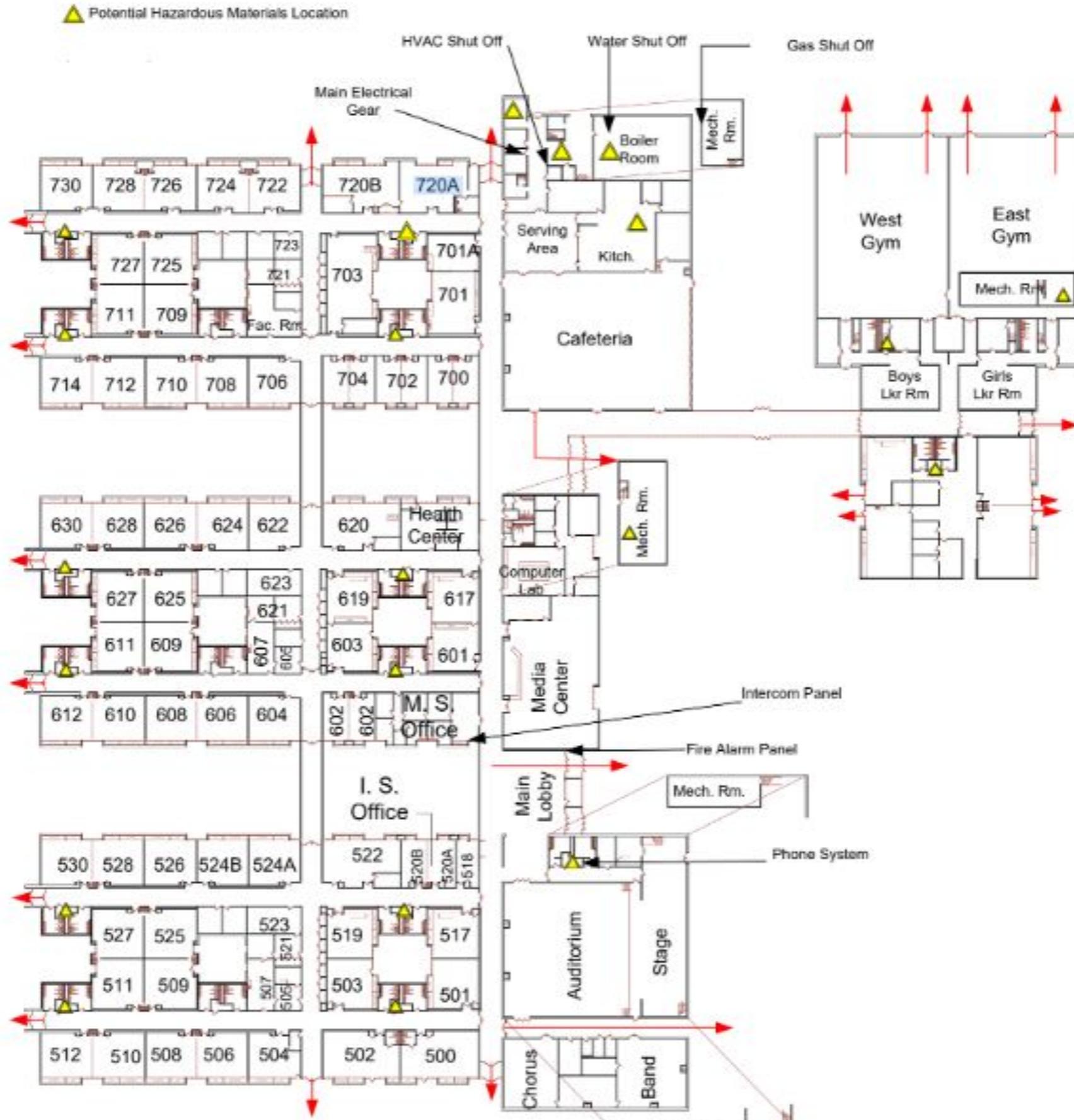
METACOMET 2024-25 TECHNOLOGY AND MAINTENANCE PROJECTS

Project	*Investment
Annual Painting to address wear and tear	\$9,000
Annual floor repair program to replace damaged floor tiles and reduce trip hazards	\$10,100
Gym roller shades for lockdown	\$4,179
New security hardware in Library for lockdown	\$4,000
Repair wooden guard rail, parking lot striping, dumpster enclosure repair	\$45,615
Total	\$72,894

*All investments are estimates.



ARACE



ARACE 2024-25 TECHNOLOGY AND MAINTENANCE PROJECTS

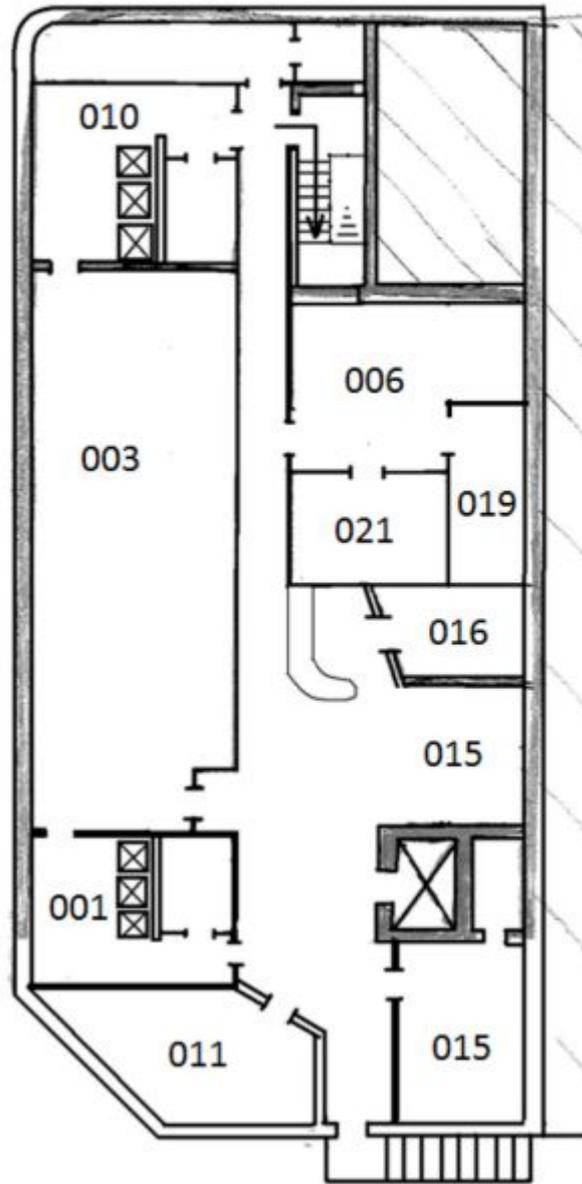
Project	*Investment
Annual Painting to address wear and tear	\$16,000
Annual floor repair program to replace damaged floor tiles and reduce trip hazards	\$38,061
Girls locker room walk-off carpet tile	\$6,000
Repair loading dock concrete	\$20,000
Loading dock asphalt repair	\$14,000
Parking lot striping and catch basin repairs	\$69,371
Replace walk-in condensing units	\$7,191
Ice machine repair	1,177
Room 617 pad repair	\$5,500
Chiller compressors	\$14,802
Total	\$192,102

*All investments are estimates.

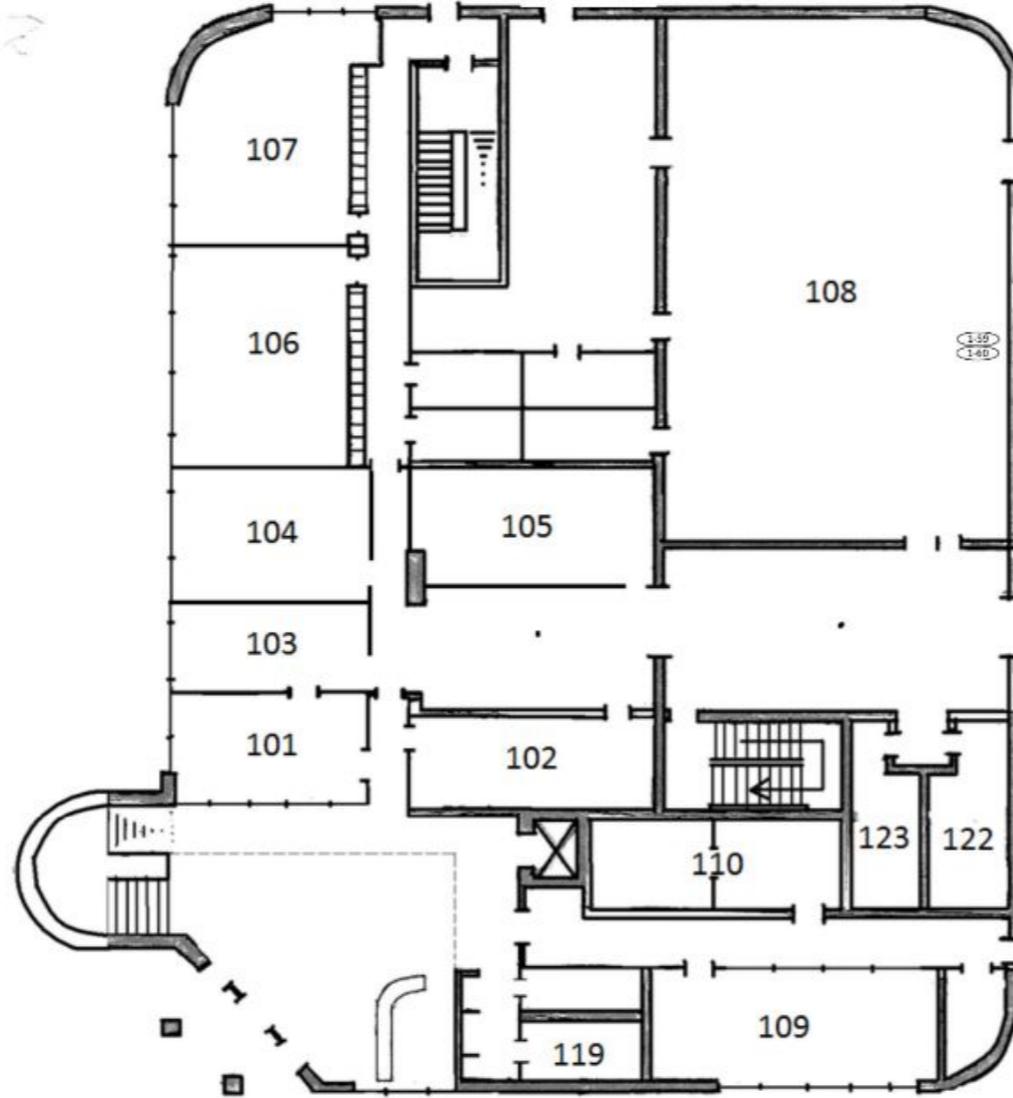


GEMS

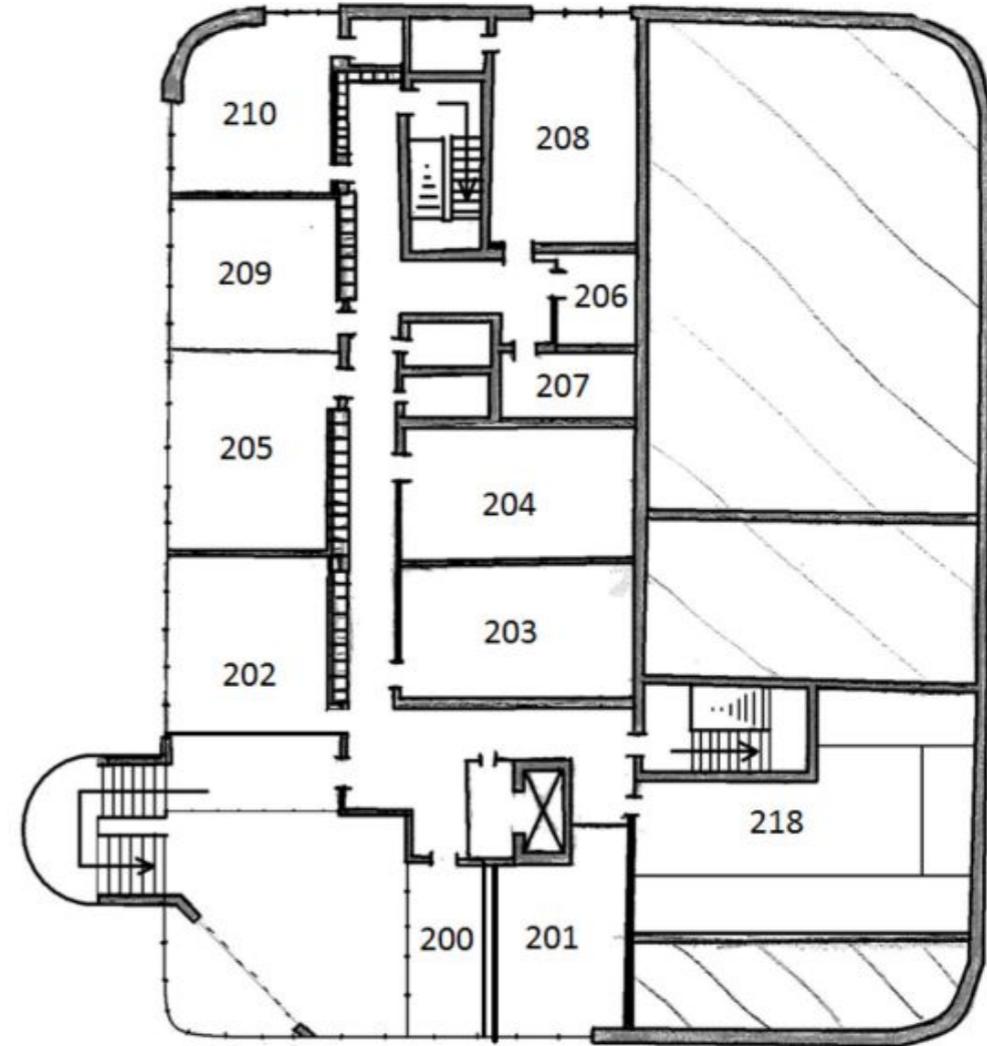
Basement



1st Floor



2nd Floor



GEMS 2024-25 TECHNOLOGY AND MAINTENANCE PROJECTS

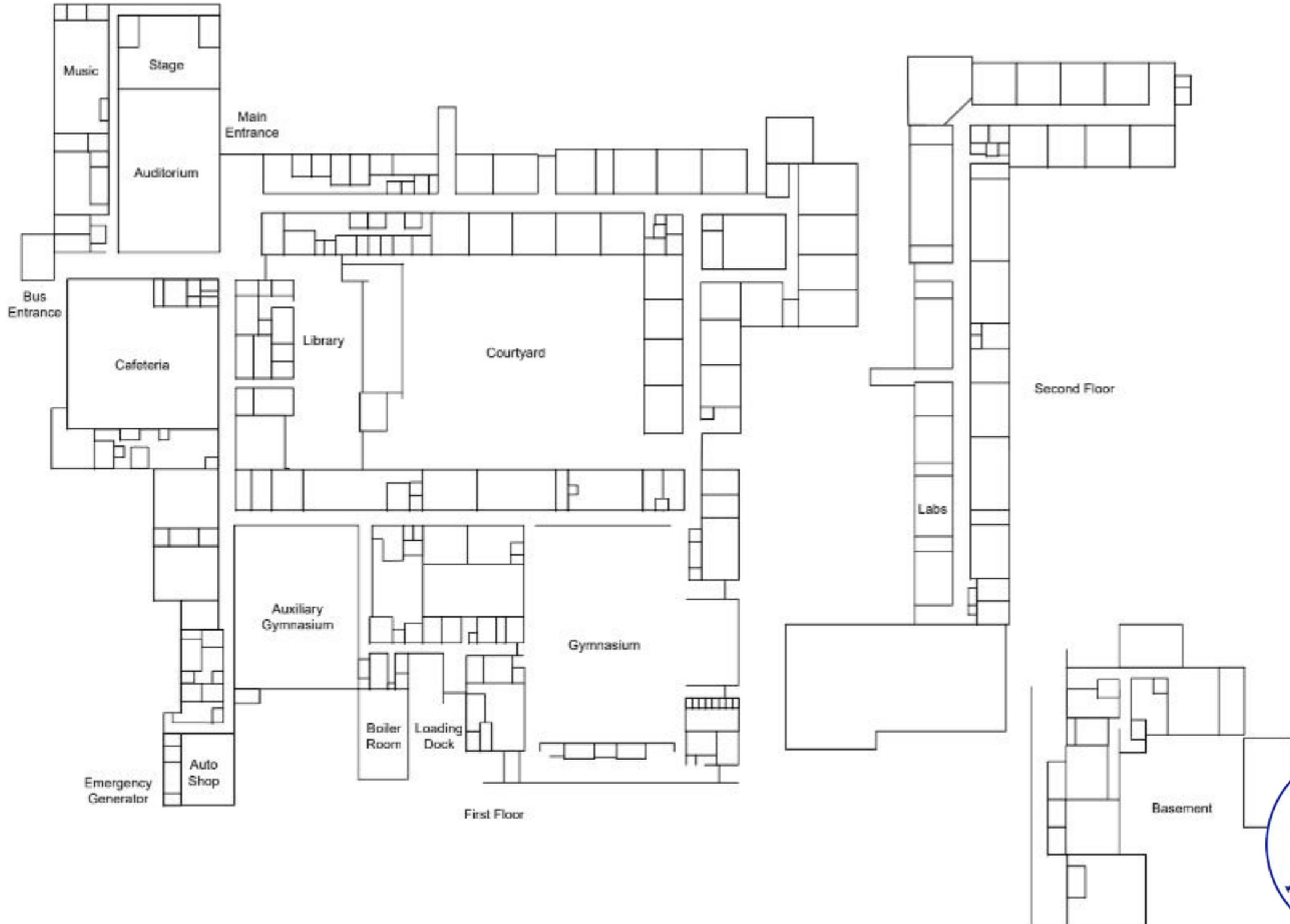
Project	*Investment
White boards (17), Laptops (22), Desk tops (37)	\$150,000
GEMS student chromebooks (200)	\$50,000
Door repairs for lockdowns	\$5,977
Aiphone for kitchen	\$8,505
Replace broken blinds	\$3,635
Replace 4 compressors	\$44,545
Refrigerant for chiller	\$16,35
Total	\$262,662

*All investments are estimates.



BHS

Bloomfield Public Schools



BHS 2024-25 TECHNOLOGY AND MAINTENANCE PROJECTS

Project	*Investment
C132 Replacement (24)	\$38,400
70 Teacher Chromebooks 15"	\$24,500
Annual painting program to address wear and tear	\$16,000
Annual floor repair program to address damaged floor tile and reduce future trip hazards	\$12,207
VOAG roller shades for lockdown	\$5,139
VOAG fire alarm panel upgrade	\$8,764
Family and Consumer Sciences (home ec) room furniture	\$8,915
Baseball field drainage, parking lot stair repair, speed hump and striping	\$139,628
Total	\$253,553

*All investments are estimates.



CENTRAL OFFICE

Bloomfield Public Schools



CENTRAL OFFICE 2024-25 TECHNOLOGY AND MAINTENANCE PROJECTS

Project	*Investment
APC Symmetra 16KVA Battery Backup for District Network Hub MDF	\$23,000
13 Access Points R7J50A Ap-615 \$421 each	\$11,000
9, 8 TB Datacenter SSD Drives \$1,000 each	\$7,000
BOE Desktops (42) and Laptops (17)	\$100,000
Thermostats	\$5,759
Pothole repairs	\$22,914
Replace Welcome Center carpet	\$2,654
Total	\$172,327

*All investments are estimates.



Estimated 2024-25 Maintenance and Technology Investments:

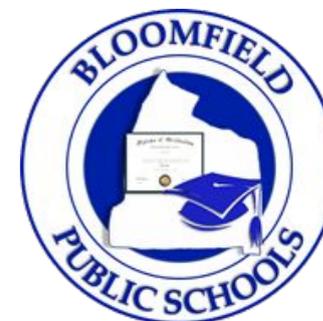
\$1,176,305

*Listed projects do not include town supported CIP, Dept. of Homeland Security cameras, Legislative allocations from HB 5523 (\$600k)



BOE 10-Year Facilities Master Plan (Architect and Engineer)

1. Facilities Condition Assessment
2. Roof Replacement Schedule
3. Identify and Budget for Large and Complex Capital Projects
4. Address the needs of Central Office
5. Address the needs of Bloomfield High School
6. Address the needs of Global Experience Magnet School
7. Address the space needs of Alternative programs:
 - a. Transition Services (ages 18 to 22) (\$1.1m)
 - b. Birth to Three
 - c. Pre-K expansion
 - d. Our Piece of the Pie (OPP) (~\$350k)
 - Over-age, Under-credited
 - Expelled
 - e. Believe Academy
 - f. Adult Education Location



Purpose of a Facilities Master Plan (FMP) and a Facilities Condition Assessment (FCA)

Intent:

To take our facilities from their present condition into  the future while aligning with the District's goals as determined by the BoE.

Why:

To address programming issues, space utilization, projected enrollment, deferred maintenance and major capital projects all with the intent of having modern, safe, secure, energy efficient, healthy and clean learning and working environments for students and staff.

How:

Using current and projected data and BoE goals to implement the facilities master plan and facilities condition assessment.

Time frame:

Preliminary estimate, 4-months start to finish. That time frame assumes data will be provided in a timely manner from the BoE and Town to the consultant and the consultants availability.

Funding Sources for School Construction (new, renovation)

Alternative Capital Project Funding Sources:

- ❖ State School Construction Program (DAS)
 - Student Facilities - new construction 40%, general construction 50%
 - Regional Agriscience Center - 80%
 - Central Office - 25% (reduced rate)
 - Athletic Facilities - 25% (reduced rate)
- ❖ State Alliance Grant - presently not funded (DAS)
- ❖ State HVAC Grant - percentage based on ranking (DAS)
- ❖ State Security Grant SSGP & MMSSGP - 50% (Division of Emergency Management and Homeland Security)
- ❖ U.S. Department of Energy (Renew America's School Grant)
- ❖ Connecticut Energy Efficiency Fund - through Eversource



Decisions:

<p>Do you feel better informed about 2024-25 District Facilities and Technology Projects ?</p>	<p>Yes No Other</p>
<p>Would you like to create for a 10 Year Facilities Plan</p>	<p>Yes No Other</p>
<p>Are you interested in exploring offering programs that are currently contracted out?</p>	<p>Yes No Other</p>



Board of Education

Discussion and Questions



Additional Resources

Weaver HS example

Bloomfield High School Concept

- a. Overview
- b. STEAM Lab/Maker Space
 - i. Glastonbury Example
 - ii. BHS Concept
- c. Indoor Track
- d. Indoor Pool



Central Office North Windows



Central Office North Windows



Central Office North Windows



BHS Exterior



BHS Exterior



BHS Gym Asbestos Floor Tile



WECMS Exterior



WECMS Exterior



WECMS Exterior



MES Exterior



MES Exterior



MES Exterior



GEMS Parking Lot



GEMS Parking Lot



Central Office Facilities Parking Lot



Central Office Facilities Parking Lot



Central Office Facilities Parking Lot



Thank you



Case Study- BHS Fire Alarm System



Installed in 1992, never upgraded. Failed in 2022 and became an emergency repair, total cost with fire watches \$185,000. Had this been planned for and funded it would have probably cost around \$125,000.



FY 2025 BOE Capital Projects

Project Title	Category	Funded		Requested				5 YEAR TOTAL
		FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	
Security Camera Upgrade (BHS & CAS)	BOE	\$ 98,000						
BoE Central Office Fire Alarm System Upgra	BOE		\$ 116,645					\$ 116,645
BoE Central Office North Windows & Abate	BOE		\$ 631,700					\$ 631,700
BHS Public Address System Replacement	BOE		\$ 63,250					\$ 63,250
Vehicle Replacement - Facilities Van #413	BOE		\$ 38,500					\$ 38,500
BHS Gym Hardwood Floor Sanding & Refinis	BOE		\$ 95,680					\$ 95,680
CAS Fire Alarm System Upgrade	BOE			\$ 99,916				\$ 99,916
Districtwide Security Camera Upgrades	BOE			\$ 360,400				\$ 360,400
GEMS Parking Lot Improvements	BOE			\$ 393,600				\$ 393,600
MES Playground Resurfacing	BOE			\$ 106,375				\$ 106,375
BHS Cafeteria Floor Tile Replacement	BOE			\$ 78,366				\$ 78,366
Vehicle Replacement - Facilities Truck #442	BOE			\$ 84,500				\$ 84,500
Vehicle Replacement - Facilities Truck #441	BOE			\$ 84,500				\$ 84,500
WECMS Short Term Exterior Repairs	BOE			\$ 650,000				\$ 650,000
BHS Gym Entrance Floor Tile Abatement & I	BOE				\$ 150,000			\$ 150,000
WECMS - Carpet Replacement	BOE				\$ 400,000			\$ 400,000
LES Partial Parking Lot Improvements	BOE				\$ 325,000			\$ 325,000
MES Partial Parking Lot Improvements	BOE				\$ 250,000			\$ 250,000
WECMS Partial Parking Lot Improvements	BOE				\$ 400,000			\$ 400,000
BHS Partial Parking Lot Improvements	BOE				\$ 600,000			\$ 600,000
CAS Partial Parking Lot Improvements	BOE				\$ 600,000			\$ 600,000
BHS Cafeteria Roof Replacement	BOE					\$ 300,000		\$ 300,000
MES Exterior Masonry Repairs	BOE					\$ 400,000		\$ 400,000
BHS Exterior Repairs	BOE					\$ 925,000		\$ 925,000
LES Exterior Masonry Restoration	BOE					\$ 350,000		\$ 350,000
BoE Central Office Exterior Masonry Repair:	BOE					\$ 300,000		\$ 300,000
BoE Central Office Parking Lot Paving	BOE					\$ 85,000		\$ 85,000
BHS Athletic Field Turf Replacement	BOE						\$ 500,000	\$ 500,000
Districtwide HVAC Inspection (5 year)	BOE						\$ 200,000	\$ 200,000
BoE Central Office South Window Replacem	BOE						\$ 350,000	\$ 350,000
TOTAL		\$ 98,000	\$ 945,775	\$ 1,857,657	\$ 2,725,000	\$ 2,360,000	\$ 1,050,000	\$ 8,938,432



New State Law for School Indoor Air Quality

In 2022, Governor Lamont signed into law new requirements for Connecticut boards of education (“BOEs”) to evaluate the indoor air quality (“IAQ”) and heating, ventilation and air conditioning (“HVAC”) systems in their respective school buildings. The new law, PA 22-118 (the “Act”), significantly broadens prior IAQ requirements captured in CGS § 10-220(d) (the “IAQ Statute”) by creating new HVAC assessment criteria.

Estimated cost = \$ 185,000 (20% to be performed every 5 years)

(This is an unfunded mandate.)

