

2022 School Facilities Inventory Report

Facility Name: **BURLINGTON SD | BURLINGTON SENIOR HIGH SCHOOL | 52 INSTITUTE ROAD, BURLINGTON 5401 - High (9 thru 12) - Main Building**

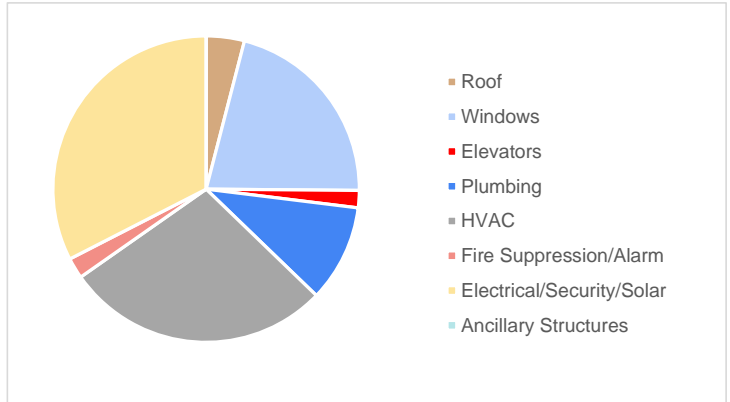
March 29, 2022

Total Value of Assets (Does Not Include Site/Structure/Walls/Interiors) **\$16,035,321**



GPS: 44.49669786653935, -73.23488549347516

Relative Asset Values

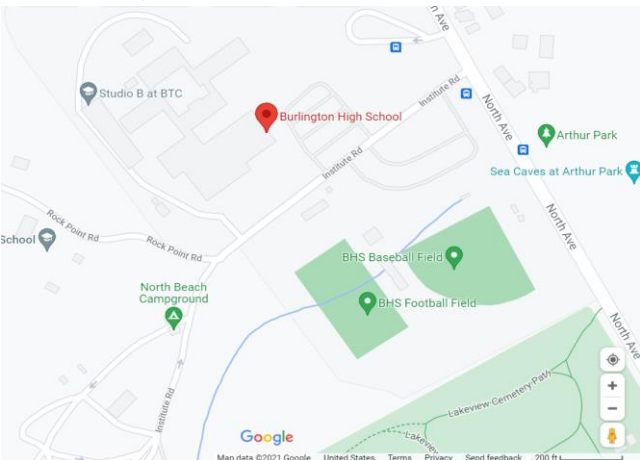
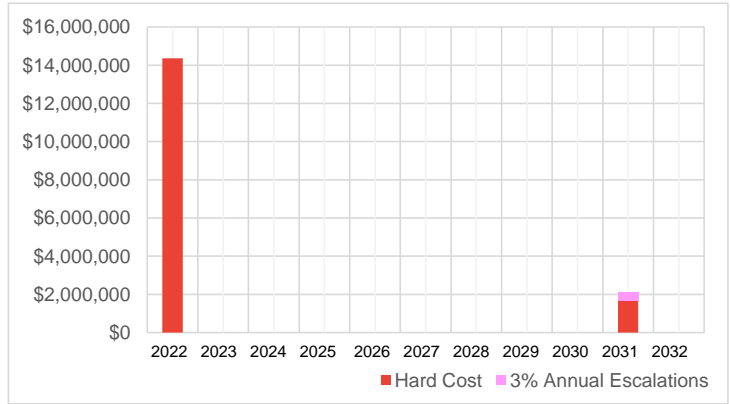


Value of Assets/GSF **\$68.24**



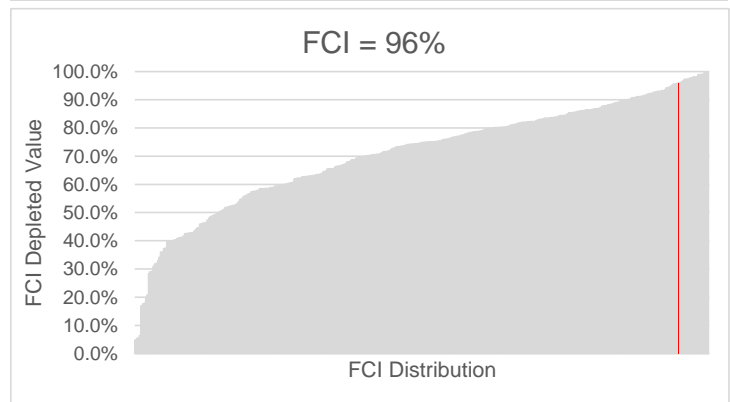
Site Plan - Google Earth

Projected Capital Planning Cash Flow



Location Plan - Google Maps

Facility Condition Index (FCI) Compared to Portfolio



(See Last Page for Explanation of Terms)

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Respondent Information

Date/Time Completed **2021-12-15 - 11:10 AM**
 Respondent Name **Marty Spaulding**
 Respondent Title **Director of Property Services**
 Respondent Email **mspauldi@bsdvt.org**
 Respondent Phone Number **(802) 864-8453**

Facility Information

School Type **High (9 thru 12)**
 Building Identification **Main Building**
 Stories **4**
 Building Area **235000 (Gross Square Footage - GSF)**
 Year Constructed **1964**
 Year of Last Major Renovation **N/A**
 FCI (Depleted Value) **95.8%**

Environmental & Safety Issues

Hazardous Materials **Yes** ⚠️
 Hazardous (HZD) Materials include **Asbestos containing materials (ACM), Lead paint, PCB's**
 HZD Issues are **Major**
 HZD Issues include **We have identified the presence of PCB's in the window caulk and floor mastic which has migrated into the brick, block, slab, soils and is in the air. The building is currently not being occupi**
 Indoor Air Quality (IAQ) Issues **Maybe** ⚠️
 IAQ Issues include **PCB's**
 IAQ Issues are **Major**
 IAQ Issues include **We have identified numerous areas of the building that have elevated levels of PCB's.**
 Fire or Life/Safety (FL/S) Issues **Yes** ⚠️
 FL/S Issues are **There is no sprinkler system. There are many unmonitored exterior doors to the building.**
 Other Risk Factors **No**
 Other Risk Factors include **-**
 Other Risk Factors are **-**

Handicap Accessibility (ADA) Issues

Handicap Accessibility (ADA) Issues **Yes** ⚠️
 ADA Issues are **Major**
 ADA Issues include **Most of the restrooms & locker rooms are not ADA. Many of the entrances do not meet ADA, there are connector ramps that go from one building to another that are not ADA. The parkinglot is on a hillside not meeting ADA handicap parking spots or access to the building. There is no ADA access to the auditorium.**

Utilities - Adequacy

IT / Internet Service **Adequate**
 Building Wi-Fi Coverage **Adequate**
 Cellular Reception **Marginal** ⚠️
 Water Service Pressure **Adequate**
 Natural Gas/Propane Pressure **Adequate**
 Electrical Capacity **Inadequate** ⚠️

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Building Envelope - Roof

Roof 1 is Single-Ply EPDM/TPO/PVC Membrane									
Covers 100%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in 2000	20	-2	\$11.00 / SF	for	58,750	SF	=	\$646,250	⚠
Roof 2 is -									
Covers 0%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in -	-	N/A	- / -	for	-	-	=	\$0	
Roof 3 is -									
Covers 0%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in -	-	N/A	- / -	for	-	-	=	\$0	
Roof 4 is -									
Covers 0%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in -	-	N/A	- / -	for	-	-	=	\$0	

Building Envelope - Windows

Primary Window System Window, Metal-Frame									
% of Windows That are this Type 100%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in 1964	30	-28	\$60.00 / SF	for	56,400	SF	=	\$3,384,000	⚠
Secondary Window System -									
% of Windows That are this Type 0%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in -	-	N/A	- / -	for	-	-	=	\$0	

Services - Elevators

Primary Conveyance/Elevators Elevator, Hydraulic, Machine/Controller/Cab									
Quantity of Stops 11	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in 1990	30	-2	\$25,000.00 / STOP	for	11	STOP	=	\$275,000	⚠
Secondary Conveyance/Elevators Wheelchair Lift									
Quantity of Stops 1	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in 1990	25	-7	\$17,000.00 / EA	for	1	EA	=	\$17,000	⚠

Services - Plumbing

Primary Plumbing System Supply & Sanitary, Low Density (Includes Fixtures)									
Area of building served 100%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in 1964	40	-18	\$7.00 / GSF	for	235,000	GSF	=	\$1,645,000	⚠
Secondary Plumbing System -									
Area of building served 0%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in -	-	N/A	- / -	for	-	-	=	\$0	

Services - Cooling - Central System

Primary Central Cooling System None									
Area of building served 0%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in -	-	N/A	- / -	for	-	-	=	\$0	
Secondary Plumbing System -									
Area of building served 0%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in -	-	N/A	- / -	for	-	-	=	\$0	

Services - Heating - Central System

Primary Heating System Boiler(s)/System - Solid Fuel (Wood/Pellet)									
Area of building served 100%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in 2007	25	10	\$250.00 / MBH	for	6,714	MBH	=	\$1,678,571	
Secondary Heating System -									
Area of building served 0%	EUL	C-RUL	Cost / Unit		Quantity	Units		Total Value	
Installed in -	-	N/A	- / -	for	-	-	=	\$0	

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Services - HVAC Distribution

Primary HVAC Distribution System **Forced Air System (AHUs, Ductwork, VAVs), 2-Pipe System**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
20%	30	-2	\$18.00 / GSF	47,000	GSF	\$846,000
Installed in 1990						



Secondary HVAC Distribution System **Piped System to Unit Ventilators/Fan Coils, 2-Pipe System**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
80%	30	-2	\$10.00 / GSF	188,000	GSF	\$1,880,000
Installed in 1990						



Services - Package Systems

Primary HVAC Package Unit & Splits **Split Systems**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
5%	15	-7	\$2,000.00 / TON	47	TON	\$94,000
Installed in 2000						



Secondary HVAC Package Unit & Splits -

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
0%	-	N/A	- / -	-	-	\$0
Installed in -						

Services - Fire Suppression

Primary Fire Suppression System **None**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
0%	-	N/A	- / -	-	-	\$0
Installed in -						

Secondary Fire Suppression System -

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
0%	-	N/A	- / -	-	-	\$0
Installed in -						

Services - Fire Alarm System

Primary Fire Suppression System **Older type Zoned System**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
100%	20	-2	\$1.50 / GSF	235,000	GSF	\$352,500
Installed in 2000						



Secondary Fire Suppression System -

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
0%	-	N/A	- / -	-	-	\$0
Installed in -						

Services - Security Systems

Primary Security & Low Volt System **Security & Low Voltage Systems - Average**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
5%	15	-7	\$4.00 / GSF	11,750	GSF	\$47,000
Installed in 2000						



Secondary Security & Low Volt System -

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
0%	-	N/A	- / -	-	-	\$0
Installed in -						

Services - Electrical Distribution/Infrastructure

Electrical Distribution/Infrastructure **Main Distribution Panel w/Sub Panels and Generator/UPS - Medium Density**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
100%	40	-18	\$22.00 / GSF	235,000	GSF	\$5,170,000
Installed in 1964						



Services - Solar Power (PV)

Solar (Electric Generation) Provided **Solar Power, Photovoltaic (PV) Panel**

Owned/Maintained by School **No**

Value of Solar PV Panels: \$17,735

Quantity of Panels	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
10	20	5	\$85.00 / SF	209	SF	\$0
Installed in 2007						

Ancillary Structures

Ancillary Structures **None**

Total SF of Ancillary Structures	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
-	-	N/A	- / -	-	-	\$0
Installed in -						

Secondary Ancillary Structures -

Total SF of Secondary Ancillary Structures	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
0	-	N/A	- / -	-	-	\$0
Installed in -						

Additional Comments

This building is planned to be demolished and we are un the process of designing a new High School and Tech Center on the same site.

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Explanation of Terms

Projected Capital Planning Cash Flow	The estimated replacement costs of systems as they expire annually.
Facility Condition Index (FCI)	The cost -weighted depleted value of the building compared to the total value of all its systems; overall percent of building useful life consumed by years in service.
Total Value of Assets	The total estimated replacement cost of all the assets listed in the form.
Value of Assets per GSF	The Total Value of all Assets in the form divide by the Gross Square Footage (GSF) of the building.
Facility Condition Index (FCI) Compared to Portfolio	The Facility Condition Index (FCI) of the building overlaid on the chart of FCI's for all buildings in the portfolio. Indicated by a red line in the chart.
Calculated Remaining Useful Life(C-RUL)	The current number of remaining years a system may be expected to perform in designed service.
Expected Useful Life (EUL)	The total number of years a system can be expected to perform in designed service when new.
Gross Square Footage (GSF)	The total square footage contained within the building for all floors/levels.
Cost per Unit	The estimated base cost for a single unit of a system. When multiplied by Quantity results in the total system cost.
Quantity	The amount of a system present in a building. When multiplied by the Cost per Unit results in the total system cost.
Units	The expressed unit of measure for a given system (GSF, EACH, TON, etc).
Ancillary Structures	Buildings on site that are typically known as portables, relocatables or temporary buildings.