

### 2022 School Facilities Inventory Report

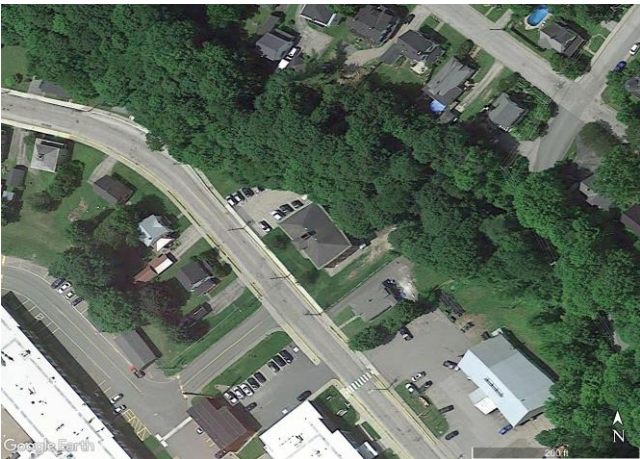
Facility Name: **BARRE UNIFIED UNION SD | BARRE UNIFIED UNION SD | 120 AYERS STREET, BARRE 5641 - Admin Offices - Main Building**

March 29, 2022

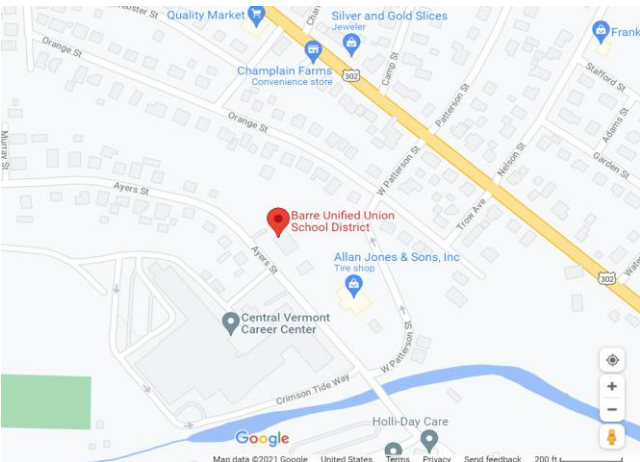
Total Value of Assets (Does Not Include Site/Structure/Walls/Interiors) **\$499,623**



GPS: 44.19054810814347, -72.49298643345315

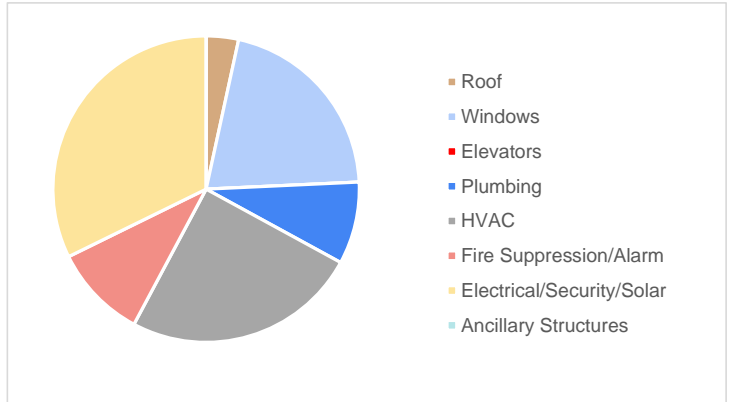


Site Plan - Google Earth



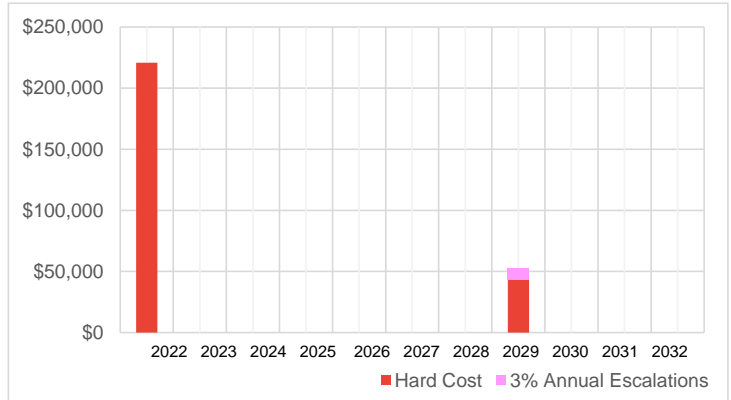
Location Plan - Google Maps

#### Relative Asset Values

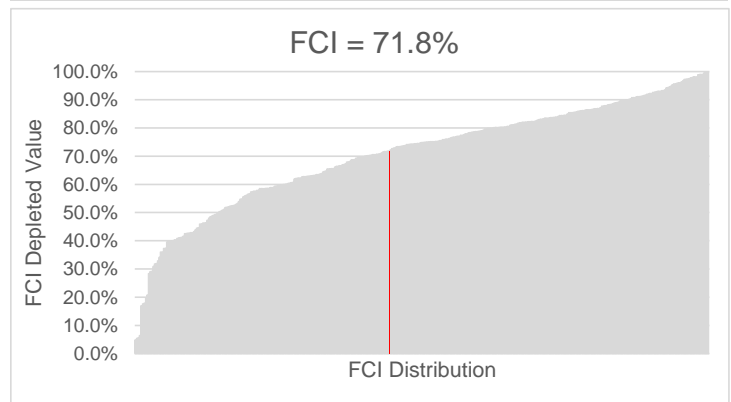


Value of Assets/GSF **\$80.58**

#### Projected Capital Planning Cash Flow



#### Facility Condition Index (FCI) Compared to Portfolio



(See Last Page for Explanation of Terms)

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#### Respondent Information

Date/Time Completed **2021-12-16 - 8:27 AM**  
 Respondent Name **Jamie Evans**  
 Respondent Title **Director of Facilities**  
 Respondent Email **jevanbsu@buusd.org**  
 Respondent Phone Number **(802) 476-8119**

#### Facility Information

School Type **Admin Offices**  
 Building Identification **Main Building**  
 Stories **2**  
 Building Area **6200 (Gross Square Footage - GSF)**  
 Year Constructed **1900**  
 Year of Last Major Renovation **2000**  
 FCI (Depleted Value) **71.7%**

#### Environmental & Safety Issues

Hazardous Materials **Maybe** ⚠  
 Hazardous (HZD) Materials include **Lead paint**  
 HZD Issues are **Minor**  
 HZD Issues include **Assuming there is lead paint on exterior of building?**

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Indoor Air Quality (IAQ) Issues **Maybe** ⚠  
 IAQ Issues include **Insufficient Air Change Ratio, Humidity (Too Low or Too High)**  
 IAQ Issues are **Major**  
 IAQ Issues include **Humidity levels are low in the winter. Air exchange rates probably don't meet today's standards.**

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Fire or Life/Safety (FL/S) Issues **No**  
 FL/S Issues are **-**

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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 **ADA accessible ramp probably doesn't meet today's standards?**

#### Utilities - Adequacy

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

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#### Building Envelope - Roof

Roof 1 is <b>Asphalt Shingle</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>100%</b>	30	-2	\$5.50 / SF	3,100	SF	\$17,050
Installed in <b>1990</b>						
Roof 2 is -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in -						
Roof 3 is -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in -						
Roof 4 is -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in -						



#### Building Envelope - Windows

Primary Window System <b>Window, Wood-Frame</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
% of Windows That are this Type <b>95%</b>	30	18	\$70.00 / SF	1,414	SF	\$98,952
Installed in <b>2010</b>						
Secondary Window System <b>Window, Wood-Frame</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
% of Windows That are this Type <b>5%</b>	30	-92	\$70.00 / SF	74	SF	\$5,208
Installed in <b>1900</b>						



#### Services - Elevators

Primary Conveyance/Elevators <b>None</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Quantity of Stops <b>0</b>	-	N/A	- / -	0	-	\$0
Installed in -						
Secondary Conveyance/Elevators -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Quantity of Stops <b>0</b>	-	N/A	- / -	0	-	\$0
Installed in -						

#### Services - Plumbing

Primary Plumbing System <b>Supply &amp; Sanitary, Low Density (Includes Fixtures)</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>100%</b>	40	-82	\$7.00 / GSF	6,200	GSF	\$43,400
Installed in <b>1900</b>						
Secondary Plumbing System -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in -						



#### Services - Cooling - Central System

Primary Central Cooling System <b>Central Cooling System - Chiller(s) - Air Cooled</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>90%</b>	25	-7	\$1,200.00 / TON	22	TON	\$26,784
Installed in <b>1990</b>						
Secondary Plumbing System -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in -						



#### Services - Heating - Central System

Primary Heating System <b>Boiler(s)/System - Fuel Oil</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>100%</b>	30	-2	\$60.00 / MBH	177	MBH	\$10,629
Installed in <b>1990</b>						
Secondary Heating System -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in -						



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#### Services - HVAC Distribution

Primary HVAC Distribution System **Even Mix of Piped and Forced Air, 2-Pipe System**

Area of building served	100%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	1990	30	-2	\$14.00 / GSF	6,200	GSF	\$86,800



Secondary HVAC Distribution System -

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

#### Services - Package Systems

Primary HVAC Package Unit & Splits **None**

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

Secondary HVAC Package Unit & Splits -

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

#### Services - Fire Suppression

Primary Fire Suppression System **Sprinkler System, Medium Density/Complexity**

Area of building served	100%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	1900	40	-82	\$5.00 / GSF	6,200	GSF	\$31,000



Secondary Fire Suppression System -

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

#### Services - Fire Alarm System

Primary Fire Suppression System **Modern Addressable Fire Alarm System**

Area of building served	100%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	2010	20	8	\$3.00 / SF	6,200	SF	\$18,600

Secondary Fire Suppression System -

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

#### Services - Security Systems

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

Area of building served	100%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	2015	15	8	\$4.00 / GSF	6,200	GSF	\$24,800

Secondary Security & Low Volt System -

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

#### Services - Electrical Distribution/Infrastructure

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

Area of building served	100%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	2000	40	18	\$22.00 / GSF	6,200	GSF	\$136,400

#### Services - Solar Power (PV)

Solar (Electric Generation) Provided **None**

Owned/Maintained by School -

Quantity of Panels 0

Installed in -

Value of Solar PV Panels: -

EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
-	N/A	- / -	-	-	\$0

#### Ancillary Structures

Ancillary Structures **None**

Total SF of Ancillary Structures -

Installed in -

EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
-	N/A	- / -	-	-	\$0

Secondary Ancillary Structures -

Total SF of Secondary Ancillary Structures 0

Installed in -

EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
-	N/A	- / -	-	-	\$0

#### Additional Comments

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## Explanation of Terms

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