

2022 School Facilities Inventory Report

Facility Name: **LAMOILLE NORTH SU | LAMOILLE UNION MIDDLE SCHOOL | 736 VT ROUTE 15 WEST, HYDE PARK 5655 - Middle (7 thru 8) - Main Building**

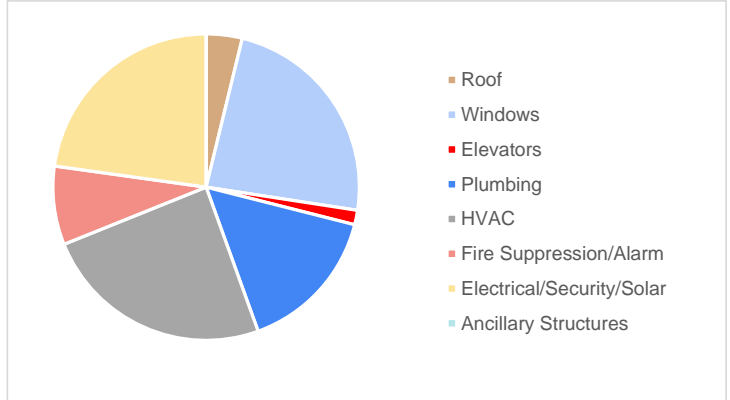
March 29, 2022

Total Value of Assets (Does Not Include Site/Structure/Walls/Interiors) **\$4,916,342**



GPS: 44.601360138045905, -72.63055850273594

Relative Asset Values

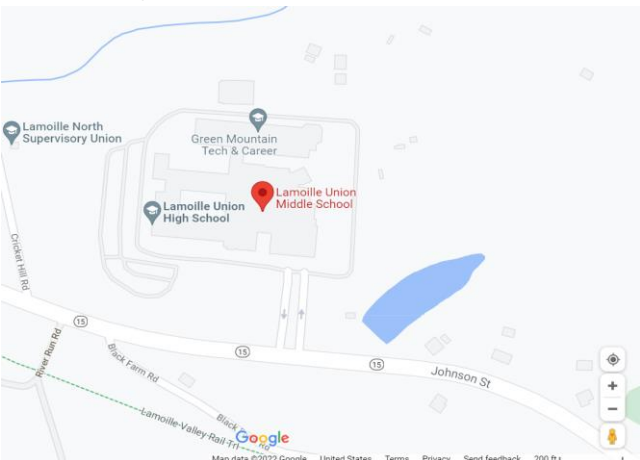
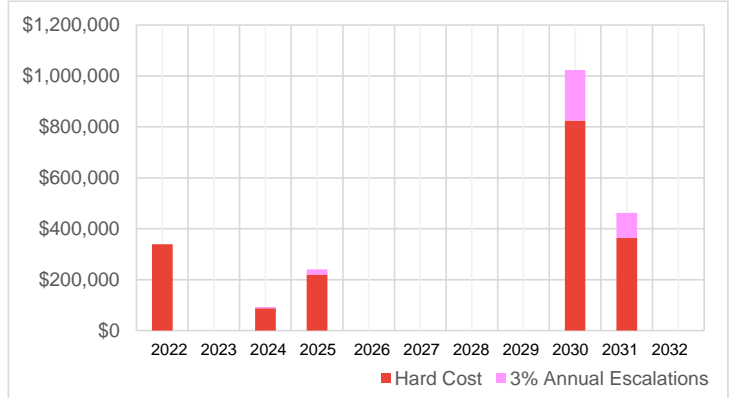


Value of Assets/GSF **\$96.52**



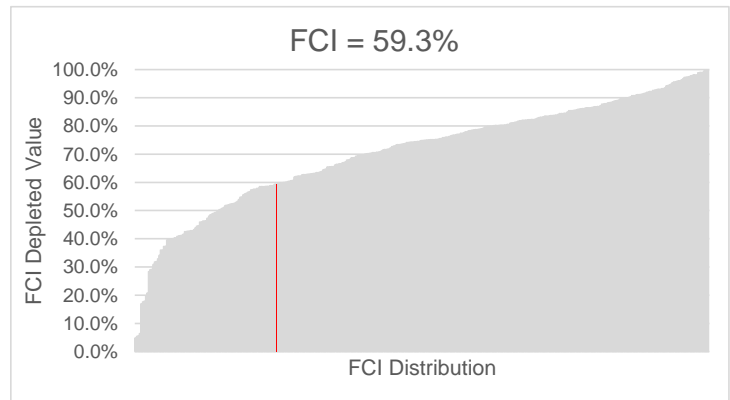
Site Plan - Google Earth

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 - 10:40 AM**
 Respondent Name **Dylan Laflam**
 Respondent Title **Director of Facilities**
 Respondent Email **dlaflam@luhs18.org**
 Respondent Phone Number **(802) 851-1587**

Facility Information

School Type **Middle (7 thru 8)**
 Building Identification **Main Building**
 Stories **3**
 Building Area **50938 (Gross Square Footage - GSF)**
 Year Constructed **2001**
 Year of Last Major Renovation **N/A**
 FCI (Depleted Value) **59.3%**

Environmental & Safety Issues

Hazardous Materials **No**
 Hazardous (HZD) Materials include -
 HZD Issues are -
 HZD Issues include -

Indoor Air Quality (IAQ) Issues **No**
 IAQ Issues include -
 IAQ Issues are -
 IAQ Issues include -

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

Other Risk Factors **No**
 Other Risk Factors include -
 Other Risk Factors are -

Handicap Accessibility (ADA) Issues

Handicap Accessibility (ADA) Issues **No**
 ADA Issues are **N/A**
 ADA Issues include **N/A**

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 **Adequate**



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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	2001	20	-1	\$11.00 / SF	for	16,979 SF			\$186,773
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	Curtain Wall								
% of Windows That are this Type	70%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2001	50	29	\$110.00 / SF	for	8,558 SF			\$941,334
Secondary Window System	Window, Metal-Frame								
% of Windows That are this Type	30%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2001	30	9	\$60.00 / SF	for	3,668 SF			\$220,052

Services - Elevators

Primary Conveyance/Elevators	Elevator, Hydraulic, Machine/Controller/Cab								
Quantity of Stops	3	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2001	30	9	\$25,000.00 / STOP	for	3 STOP			\$75,000
Secondary Conveyance/Elevators	-								
Quantity of Stops	0	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	-	-	N/A	- / -	for	0 -			\$0

Services - Plumbing

Primary Plumbing System	Supply & Sanitary, Medium Density (Includes Fixtures)								
Area of building served	100%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2001	40	19	\$15.00 / GSF	for	50,938 GSF			\$764,070
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	Central Cooling System - Chiller(s) - Air Cooled								
Area of building served	90%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2001	25	4	\$1,200.00 / TON	for	183 TON			\$220,052
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	1,455 MBH			\$363,843
Secondary Heating System	Boiler(s)/System - Fuel Oil								
Area of building served	100%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	1995	30	3	\$60.00 / MBH	for	1,455 MBH			\$87,322

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Services - HVAC Distribution

Primary 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
95%	30	9	\$10.00 / GSF	48,391	GSF	\$483,911
Installed in 2001						

Secondary 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
5%	30	9	\$18.00 / GSF	2,547	GSF	\$45,844
Installed in 2001						

Services - Package Systems

Primary HVAC Package Unit & Splits **None**

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

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 **Sprinkler System, Medium Density/Complexity**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
100%	40	19	\$5.00 / GSF	50,938	GSF	\$254,690
Installed in 2001						

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 **Modern Addressable Fire Alarm System**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
100%	20	-1	\$3.00 / SF	50,938	SF	\$152,814
Installed in 2001						

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 **None**

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

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	19	\$22.00 / GSF	50,938	GSF	\$1,120,636
Installed in 2001						

Services - Solar Power (PV)

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

Owned/Maintained by School **No**

Value of Solar PV Panels: **\$1,064,115**

Quantity of Panels	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
600	20	15	\$85.00 / SF	12,519	SF	\$0
Installed in 2017						

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

The Middle School is part of the High School/Green Mountain Technology and Career Center campus. We Net meter with Green Lantern Solar.

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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 overlayed 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.