

2022 School Facilities Inventory Report

Facility Name: **LAMOILLE NORTH SU | GREEN MTN TECHNOLOGY/CAREER CTR | 738 ROUTE 15 W., HYDE PARK 5655 - High (9 thru 12) - Main Building**

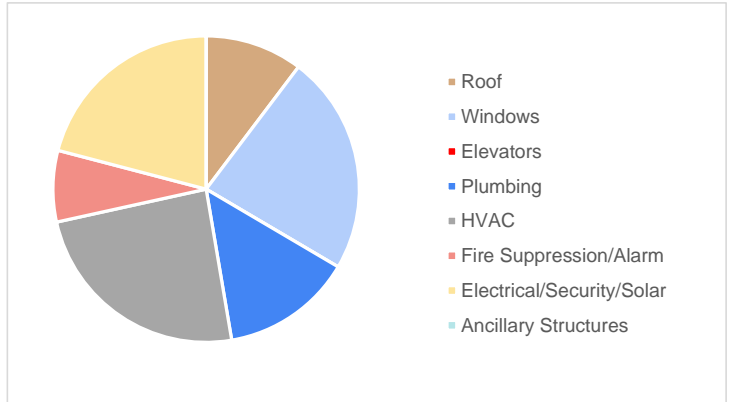
March 29, 2022

Total Value of Assets (Does Not Include Site/Structure/Walls/Interiors) **\$7,097,874**

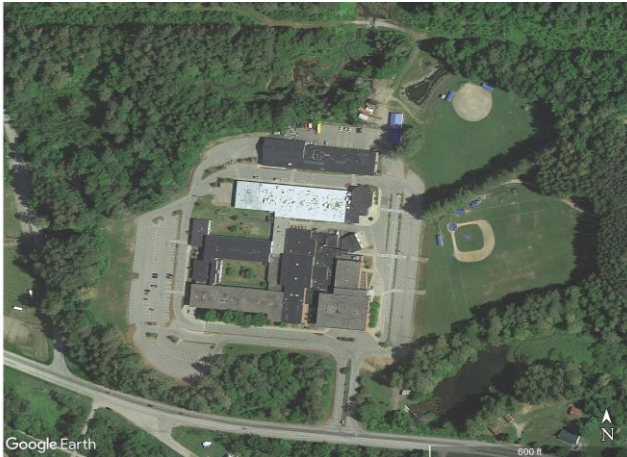


GPS: 44.60242366501979, -72.63049695648064

Relative Asset Values

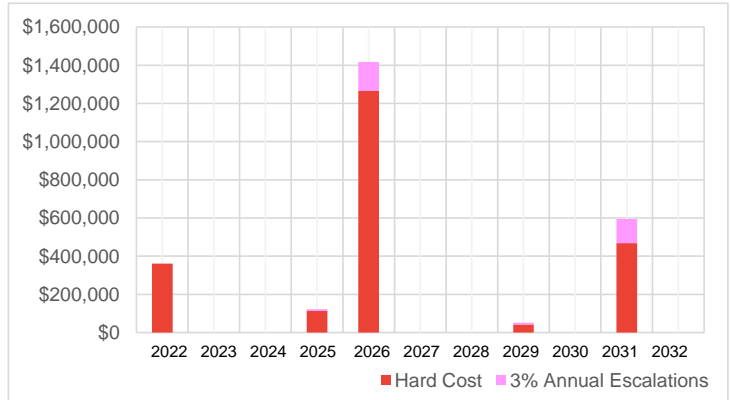


Value of Assets/GSF **\$108.25**

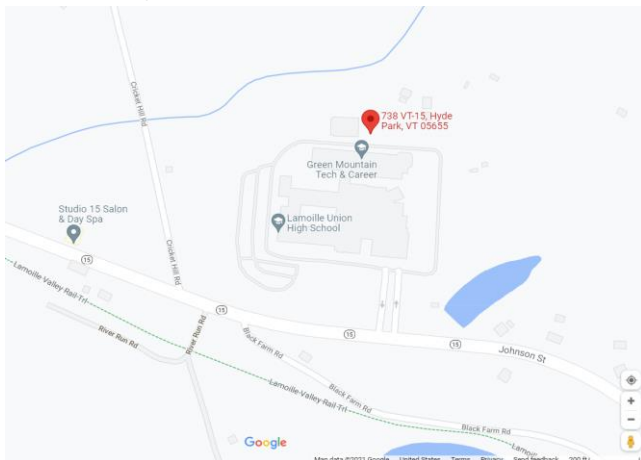
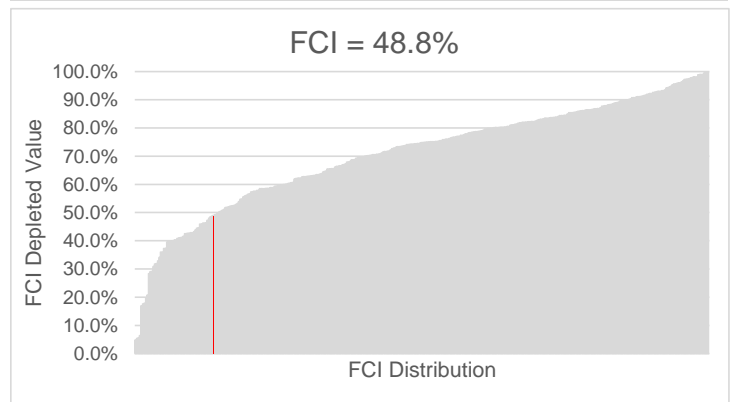


Site Plan - Google Earth

Projected Capital Planning Cash Flow



Facility Condition Index (FCI) Compared to Portfolio



Location Plan - Google Maps

(See Last Page for Explanation of Terms)

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Respondent Information

Date/Time Completed **2021-12-15 - 11:03 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 **High (9 thru 12)**
 Building Identification **Main Building**
 Stories **1**
 Building Area **65570 (Gross Square Footage - GSF)**
 Year Constructed **1966**
 Year of Last Major Renovation **2007**
 FCI (Depleted Value) **48.8%**

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	50%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	1996	20	-6	\$11.00 / SF	for	32,785	SF	=	\$360,635
Roof 2 is	Single-Ply EPDM/TPO/PVC Membrane								
Covers	45%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2007	20	5	\$11.00 / SF	for	29,507	SF	=	\$324,572
Roof 3 is	Built-Up or Modified Bitumen								
Covers	5%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2018	25	21	\$14.00 / SF	for	3,279	SF	=	\$45,899
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	90%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2007	50	35	\$110.00 / SF	for	14,163	SF	=	\$1,557,943
Secondary Window System	Storefront, Metal-Framed w/Door(s)								
% of Windows That are this Type	10%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	2007	30	15	\$55.00 / SF	for	1,574	SF	=	\$86,552

Services - Elevators

Primary Conveyance/Elevators	None								
Quantity of Stops	0	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	-	-	N/A	- / -	for	0	-	=	\$0
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	2007	40	25	\$15.00 / GSF	for	65,570	GSF	=	\$983,550
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	1,873	MBH	=	\$468,357
Secondary Heating System	Boiler(s)/System - Fuel Oil								
Area of building served	100%	EUL	C-RUL	Cost / Unit		Quantity	Units	=	Total Value
Installed in	1996	30	4	\$60.00 / MBH	for	1,873	MBH	=	\$112,406

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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
60%	30	15	\$10.00 / GSF	39,342	GSF	\$393,420
Installed in 2007						

Secondary HVAC Distribution System -

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

Services - Package Systems

Primary HVAC Package Unit & Splits **Package Units (RTUs)**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
40%	20	5	\$7,000.00 / TON	105	TON	\$734,384
Installed in 2007						

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

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
2%	15	13	\$2,000.00 / TON	5	TON	\$10,491
Installed in 2020						

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	25	\$5.00 / GSF	65,570	GSF	\$327,850
Installed in 2007						

Secondary Fire Suppression System **Kitchen Hood or Computer Center Suppression System**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
1 EA	20	5	\$10,000.00 / EA	1	EA	\$10,000
Installed in 2007						

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	5	\$3.00 / SF	65,570	SF	\$196,710
Installed in 2007						

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	25	\$22.00 / GSF	65,570	GSF	\$1,442,540
Installed in 2007						

Services - Solar Power (PV)

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

Owned/Maintained by School **Yes**

Value of Solar PV Panels: **\$42,565**

Quantity of Panels **24**

Installed in **2010**

Quantity of Panels	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
24	20	8	\$85.00 / SF	501	SF	\$42,565
Installed in 2010						

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

Green Mountain Tech also has two separate campuses that house our forestry and Ag programs.

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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.