

### 2022 School Facilities Inventory Report

Facility Name: **HARTFORD SD | OTTAUQUECHEE SCHOOL | 304 DODY LANE, QUECHEE 5059 - Combination (K thru 5) - Main Building**

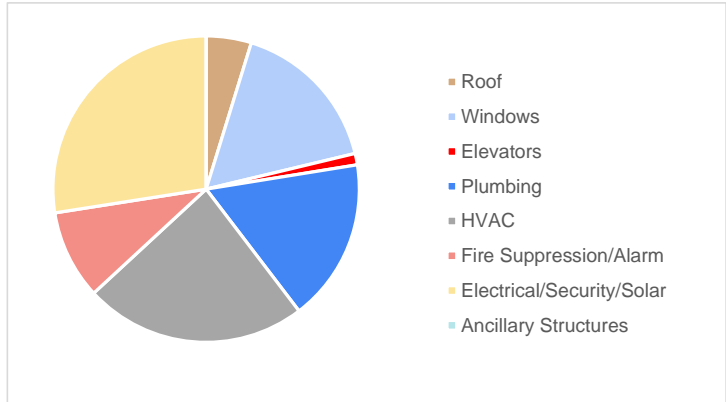
March 29, 2022

Total Value of Assets (Does Not Include Site/Structure/Walls/Interiors) **\$4,168,386**



GPS: 43.64961897841793, -72.41690491995406

#### Relative Asset Values

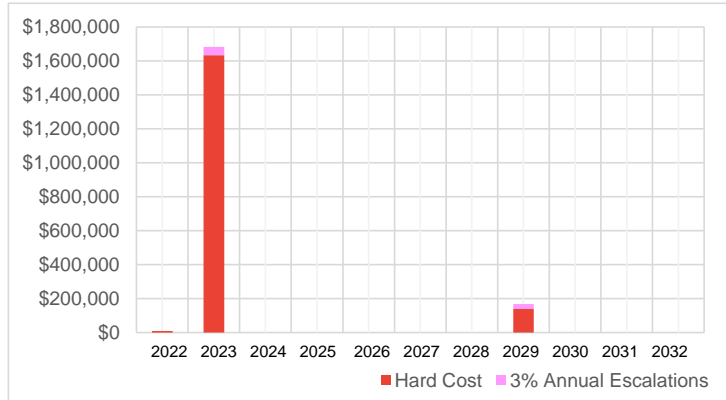


Value of Assets/GSF **\$87.34**

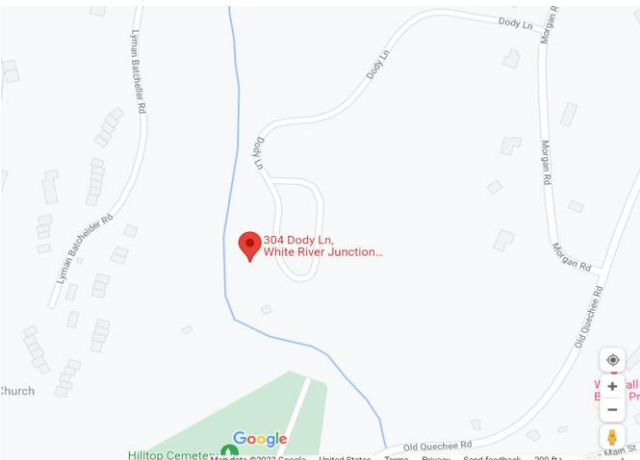
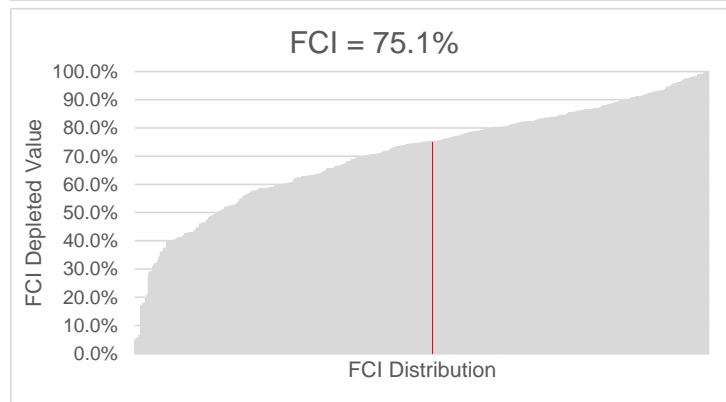


Site Plan - Google Earth

#### 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 **2022-01-19 - 2:34 PM**  
 Respondent Name **Jonathan Garthwaite**  
 Respondent Title **Director of Buildings and Grounds**  
 Respondent Email **garthwaitej@hartfordschools.net**  
 Respondent Phone Number **(802) 359-4610**

#### Facility Information


School Type **Combination (K thru 5)**  
 Building Identification **Main Building**  
 Stories **3**  
 Building Area **47727 (Gross Square Footage - GSF)**  
 Year Constructed **1994**  
 Year of Last Major Renovation **N/A**  
 FCI (Depleted Value) **75.1%**

#### 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 **Yes**   
 Other Risk Factors include **Snow shed**  
 Other Risk Factors are **Snow shed off roof. Roof to be redesigned/replaced.**

#### 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 **Inadequate**   
 Water Service Pressure **Adequate**  
 Natural Gas/Propane Pressure **Adequate**  
 Electrical Capacity **Adequate**

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#### Building Envelope - Roof

Roof 1 is <b>Metal</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>75%</b>	40	12	\$13.00 / SF	11,932	SF	\$155,113
Installed in <b>1994</b>						
Roof 2 is <b>Single-Ply EPDM/TPO/PVC Membrane</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>25%</b>	20	8	\$11.00 / SF	3,977	SF	\$43,750
Installed in <b>2010</b>						
Roof 3 is <b>-</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in <b>-</b>						
Roof 4 is <b>-</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in <b>-</b>						

#### Building Envelope - Windows

Primary Window System <b>Window, Metal-Frame</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
% of Windows That are this Type <b>100%</b>	30	2	\$60.00 / SF	11,454	SF	\$687,269
Installed in <b>1994</b>						
Secondary Window System <b>-</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
% of Windows That are this Type <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in <b>-</b>						

#### Services - Elevators

Primary Conveyance/Elevators <b>Elevator, Hydraulic, Machine/Controller/Cab</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Quantity of Stops <b>2</b>	30	2	\$25,000.00 / STOP	2	STOP	\$50,000
Installed in <b>1994</b>						
Secondary Conveyance/Elevators <b>-</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Quantity of Stops <b>0</b>	-	N/A	- / -	0	-	\$0
Installed in <b>-</b>						

#### Services - Plumbing

Primary Plumbing System <b>Supply &amp; Sanitary, Medium Density (Includes Fixtures)</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>100%</b>	40	12	\$15.00 / GSF	47,727	GSF	\$715,905
Installed in <b>1994</b>						
Secondary Plumbing System <b>-</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in <b>-</b>						

#### Services - Cooling - Central System

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

#### 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	28	\$60.00 / MBH	1,364	MBH	\$81,818
Installed in <b>2020</b>						
Secondary Heating System <b>-</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>	-	N/A	- / -	-	-	\$0
Installed in <b>-</b>						

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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
80%	30	2	\$18.00 / GSF	38,182	GSF	\$687,269

Installed in 1994

Secondary HVAC Distribution System **Forced Air System (AHUs, Ductwork, VAVs), 4-Pipe System**

Area of building served	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
20%	30	2	\$22.00 / GSF	9,545	GSF	\$209,999

Installed in 1994

#### 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	12	\$5.00 / GSF	47,727	GSF	\$238,635

Installed in 1994

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	-8	\$10,000.00 / EA	1	EA	\$10,000

Installed in 1994

#### 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	19	\$3.00 / SF	47,727	SF	\$143,181

Installed in 2021

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
50%	15	8	\$4.00 / GSF	23,864	GSF	\$95,454

Installed in 2015

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	12	\$22.00 / GSF	47,727	GSF	\$1,049,994

Installed in 1994

#### 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.