

# FACILITY CONDITION ASSESSMENT



**BUREAU  
VERITAS**

*prepared for*

## **Shelby County Board of Education**

160 South Hollywood Street  
Memphis, Tennessee 38112-4892  
Michelle Stuart



Wooddale High School  
5151 Scottsdale Avenue  
Memphis, Tennessee 38118

### **PREPARED BY:**

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### **BV PROJECT #:**

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### **DATE OF REPORT:**

October 22, 2024

### **ON SITE DATE:**

September 30-October 4, 2024

**Bureau Veritas**

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# 1. Executive Summary

## Campus Overview and Assessment Details

General Information	
Property Type	High School
Number of Buildings	Two
Main Address	5151 Scottsdale Avenue, Memphis, Tennessee 38118
Site Developed	1967
Site Area	18.5 acres (estimated)
Parking Spaces	319 total spaces in open lots; 6 of which are accessible.
Outside Occupants / Leased Spaces	None reported
Date(s) of Visit	September 30-October 4, 2024
Management Point of Contact	Mary Taylor, Shelby County Board of Education Phone: (901) 416-5376 Email: <a href="mailto:taylorm15@scsk12.org">taylorm15@scsk12.org</a>
On-site Point of Contact (POC)	Latonya Robinson, Principal (901) -416-2440 phone
Assessment and Report Prepared By	John McLurg, P.E.
Reviewed By	Al Diefert Technical Report Reviewer For Andy Hupp Program Manager <a href="mailto:Andy.Hupp@bureauveritas.com">Andy.Hupp@bureauveritas.com</a> 800.733.0660 x7296632
AssetCalc Link	Full dataset for this assessment can be found at: <a href="https://www.assetcalc.net/">https://www.assetcalc.net/</a>

## Campus Findings and Deficiencies

### Historical Summary

The original High School was completed around 1967. The Classroom Addition was completed around 2010. The two buildings are not connected. It does not appear that either building has undergone a significant renovation since original construction.

### Architectural

The High School building was constructed with a conventional reinforced-concrete column and wall footing foundation. The building has a partial basement. The superstructure is a conventional reinforced-concrete frame structure with concrete floor and roof decks. The exterior walls are mostly clad with brick and concrete. The roof surfaces are flat with a modified-bitumen roof covering. The existing windows and doors appeared to be the original units.

The Classroom Addition was constructed with a conventional reinforced-concrete column and wall footing foundation. The superstructure is a conventional reinforced-concrete frame structure with concrete floor and roof deck. The exterior walls are clad with brick. The roof surfaces are flat with a modified-bitumen roof covering.

Observations of the façade of the original High School building revealed significant structural deterioration. The main problem area is the main courtyard. Concrete has been spalling, exposing reinforcement. The deterioration has occurred in non-redundant structural beams and columns. For this reason, the structural integrity and the safety of the occupants of the building must be called into question.

Observations of the roof surfaces and building interiors revealed that the roof surfaces of both buildings are in Poor condition. Further confirmation was obtained from school personnel who testified that roof leaks have been a significant problem. The section of roof above the main entrance and office exhibited significant ponding due to the fact that the roof is flat and the roof drains are not effective. The drains appeared to be completely blocked by leaves and debris. According to the Miss Robinson, this area has been a problem for some time. Due to the presence of trees in the courtyards, the roof drains should be cleaned frequently. The existing windows and doors of both buildings appeared to be the original units. The windows of the High School may require replacement within the next few years. The ACT ceilings of the High School appeared to be in fair condition, overall, but many sections evidenced damage from roof leaks.

### Mechanical, Electrical, Plumbing and Fire (MEPF)

The interior spaces of the High School are heated by individual fan-coil units or unit ventilators. The fan coil units and unit ventilators are provided with hot water by the central system consisting of gas-fired heating boilers and circulating pumps. During the warmer months, the central cooling system circulates chilled water through the fan-coil units and unit ventilators. The cooling system features two water-cooled chillers and a cooling tower. The Gymnasium is equipped with three air handlers. Domestic hot water is provided by gas-fired domestic boilers. The interior spaces are illuminated by conventional linear-fluorescent fixtures. The building is equipped with a hydraulic passenger elevator. The building is provided with a fire-alarm system but no sprinklers are provided.

The interior spaces of the Classroom Addition are heated and cooled by individual rooftop package units. Domestic hot water is provided by individual electric water heaters. The building is furnished with a hydraulic passenger elevator. The building is furnished with a comprehensive fire alarm system and wet-pipe sprinklers.

The High School chillers (2 units) and cooling tower have been installed within the last two years and they appeared to be in good condition. The fan coil units and unit ventilators of the of the High School appeared to be near the end of their useful lives and they may require replacement within the next few years. According to the Building Engineer, the three air handlers located in the Gymnasium are non-functional. The HVAC rooftop units of the Classroom Addition appeared to be in fair condition (with one exception). However, they may require lifecycle replacement within the next few years as well. The two domestic boilers are older and they may require lifecycle replacement within the next few years. Much of the wiring and switches of the High School appeared to be original.



## Site

The site is flat. The west side of the property is occupied by an old football field which appears to be out of use. The south side of the property is occupied by tennis courts. The Classroom Addition is located to the north of the High School, along Scottsdale Avenue. The area between the High School and the old football field is mostly occupied by the student parking lot and service parking. There is a staff parking lot at the front of the High School. The old football field and the tennis courts are enclosed by chain-link fences. The parking lots are illuminated with pole lamp fixtures.

The staff parking lot appeared to be in good condition but the student parking at the rear of the high school appeared to be in poor condition. The pavement evidenced sections of severe cracking and some sink-holes were observed. This parking lot will likely require a full reconstruction, starting with the sub-grade. Evidence of problems with the site drainage was observed. There were small excavations where site drains were exposed.

## Recommended Additional Studies

As mentioned above, sections of the building superstructure evidenced significant deterioration. A professional engineer must be retained to analyze the existing condition, provide recommendations and, if necessary, estimate the scope and cost of any required repairs. The cost of this study is included in the cost tables. Due to the extent of the damage, no repair costs have been included.

## Facility Condition Index (FCI)

One of the major goals of the FCA is to calculate each building's Facility Condition Index (FCI), which provides a theoretical objective indication of a building's overall condition. By definition, the FCI is defined as the ratio of the cost of current needs divided by current replacement value (CRV) of the facility. The chart below presents the industry standard ranges and cut-off points.

### FCI Ranges and Description

<b>0 – 5%</b>	In new or well-maintained condition, with little or no visual evidence of wear or deficiencies.
<b>5 – 10%</b>	Subjected to wear but is still in a serviceable and functioning condition.
<b>10 – 30%</b>	Subjected to hard or long-term wear. Nearing the end of its useful or serviceable life.
<b>30% and above</b>	Has reached the end of its useful or serviceable life. Renewal is now necessary.

The deficiencies and lifecycle needs identified in this assessment provide the basis for a portfolio-wide capital improvement funding strategy. In addition to the current FCI, extended FCI's have been developed to provide owners the intelligence needed to plan and budget for the "keep-up costs" for their facilities. As such the 3-year, 5-year, and 10-year FCI's are calculated by dividing the anticipated needs of those respective time periods by current replacement value. As a final point, the FCI's ultimately provide more value when used to relatively compare facilities across a portfolio instead of being over-analyzed and scrutinized as stand-alone values. The table below summarizes the individual findings for this FCA:

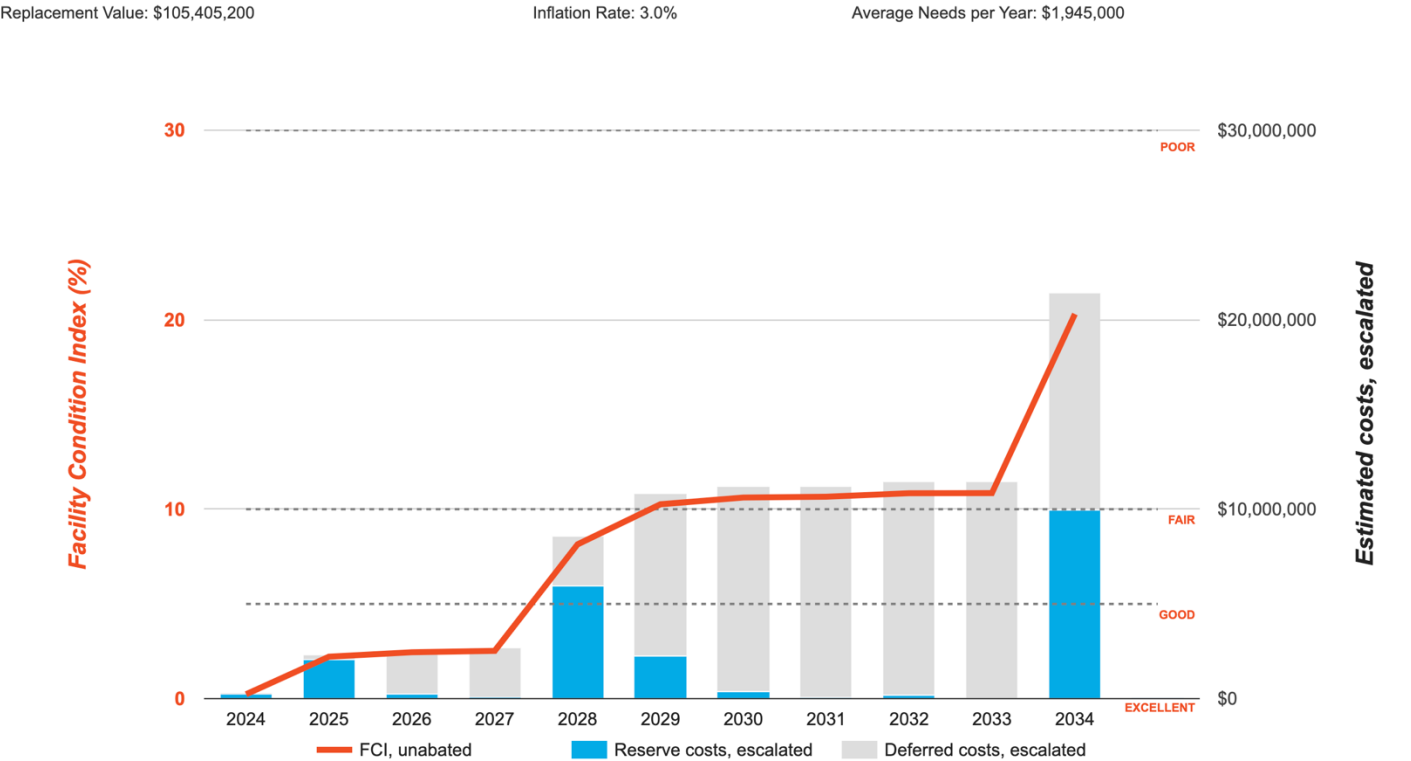
Facility (year built)	Cost/SF	Total SF	Replacement Value	Current	3-Year	5-Year	10-Year
Wooddale High School / Classroom Addition (2010)	\$400	21,999	\$8,799,600	0.0%	0.1%	7.4%	13.8%
Wooddale High School / High School (1967)	\$400	241,513	\$96,605,200	0.3%	2.3%	10.0%	20.1%

Campus Level FCI:

The vertical bars below represent the year-by-year needs identified for the entire campus. The orange line in the graph below forecasts what would happen to the campus FCI (left Y axis) over time, assuming zero capital expenditures over the next ten years. The dollar amounts allocated for each year (blue bars) are associated with the values along the right Y axis.

Needs by Year with Unaddressed FCI Over Time

FCI Analysis: Wooddale High School



The table below shows the anticipated costs by trade or building system over the next 20 years.

System Expenditure Forecast						
System	Immediate	Short Term (1-2 yr)	Near Term (3-5 yr)	Med Term (6-10 yr)	Long Term (11-20 yr)	TOTAL
Structure	-	\$100	\$3,100	-	\$100	\$3,300
Facade	-	\$207,600	\$114,500	-	\$1,500	\$323,700
Roofing	-	\$1,734,100	\$126,700	\$6,200	\$1,800	\$1,868,900
Interiors	-	-	\$3,781,100	\$220,600	\$2,590,700	\$6,592,500
Conveying	-	-	\$15,800	\$50,400	\$184,800	\$250,900
Plumbing	-	-	\$315,500	\$3,570,300	\$176,000	\$4,061,800
HVAC	\$213,800	\$45,900	\$1,328,200	\$2,884,600	\$451,800	\$4,924,300
Fire Protection	-	-	\$8,600	\$3,800	\$39,500	\$51,900
Electrical	\$300	-	\$891,000	\$1,736,000	\$337,600	\$2,964,900
Fire Alarm & Electronic Systems	-	-	\$125,600	\$1,770,700	\$2,232,300	\$4,128,600
Equipment & Furnishings	\$21,500	-	\$1,084,500	\$153,400	\$957,800	\$2,217,200
Site Pavement	\$3,000	\$346,100	\$247,800	\$79,800	\$369,500	\$1,046,200
Site Development	-	\$3,100	\$187,900	\$70,600	\$123,900	\$385,400
Site Utilities	-	-	-	\$32,300	-	\$32,300
Follow-up Studies	\$10,000	-	-	-	-	\$10,000
<b>TOTALS (3% inflation)</b>	<b>\$248,600</b>	<b>\$2,336,900</b>	<b>\$8,230,300</b>	<b>\$10,578,600</b>	<b>\$7,467,300</b>	<b>\$28,861,700</b>

## Immediate Needs

Facility/Building	Total Items	Total Cost
Wooddale High School / High School	39	\$245,600
Wooddale High School / Site	1	\$3,000
<b>Total</b>	<b>40</b>	<b>\$248,600</b>

### High School

ID	Location	Location Description	UF Code	Description	Condition	Plan Type	Cost
8325108	Wooddale High School / High School	Roof	D3030	Split System Ductless, Single Zone, Replace	Poor	Performance/Integrity	\$4,800
8325167	Wooddale High School / High School	Roof	D3030	Split System Ductless, Single Zone, Replace	Poor	Performance/Integrity	\$4,800
8468996	Wooddale High School / High School	Gymnasium	D3050	Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM, Replace	Failed	Performance/Integrity	\$49,000
8469534	Wooddale High School / High School	Gymnasium	D3050	Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM, Replace	Failed	Performance/Integrity	\$49,000
8469250	Wooddale High School / High School	Gymnasium	D3050	Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM, Replace	Failed	Performance/Integrity	\$49,000
8324905	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325081	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8324945	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325313	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325211	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 24" Damper, Replace	Poor	Performance/Integrity	\$3,000
8325039	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 24" Damper, Replace	Poor	Performance/Integrity	\$3,000
8325022	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 24" Damper, Replace	Poor	Performance/Integrity	\$3,000
8325247	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 24" Damper, Replace	Poor	Performance/Integrity	\$3,000
8325038	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 36" Damper, Replace	Poor	Performance/Integrity	\$5,600
8324900	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400

8325013	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 24" Damper, Replace	Poor	Performance/Integrity	\$3,000
8325252	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325239	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325091	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325278	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8324958	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8324954	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325218	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325045	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325303	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325269	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 24" Damper, Replace	Poor	Performance/Integrity	\$3,000
8325109	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325088	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325067	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Failed	Performance/Integrity	\$1,400
8325187	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Failed	Performance/Integrity	\$1,400
8325012	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325243	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325325	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8324998	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325226	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400

8325176	Wooddale High School / High School	Roof	D3060	Exhaust Fan, Centrifugal, 12" Damper, Replace	Poor	Performance/Integrity	\$1,400
8325011	Wooddale High School / High School	NW4	D5040	Emergency & Exit Lighting, Exit Sign/Emergency Combo, LED, Replace	Poor	Performance/Integrity	\$300
8325107	Wooddale High School / High School	Kitchen	E1030	Foodservice Equipment, Dishwasher Commercial, Replace	Failed	Performance/Integrity	\$21,500
8324985	Wooddale High School / High School	Building Structure	P2030	Engineering Study, Structural, Superstructure, Evaluate/Report	Poor	Performance/Integrity	\$10,000
<b>Total (39 items)</b>							<b>\$245,600</b>

## Site

ID	Location	Location Description	UF Code	Description	Condition	Plan Type	Cost
8325305	Wooddale High School / Site	Site	G2020	Parking Lots, Curb & Gutter, Concrete, Replace	Failed	Performance/Integrity	\$3,000
<b>Total (1 items)</b>							<b>\$3,000</b>



## Key Findings



### Roofing in Poor Condition.

Modified Bitumen  
Wooddale High School  
High School Roof

Uniformat Code: B3010  
Recommendation: **Replace in 2025**

Priority Score: **88.8**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,683,600

\$\$\$\$

No coating, cracks, blisters, - AssetCALC ID: 8325082



### Window in Poor Condition.

Aluminum Double-Glazed, 12 SF  
Wooddale High School  
Building Exterior

Uniformat Code: B2020  
Recommendation: **Replace in 2026**

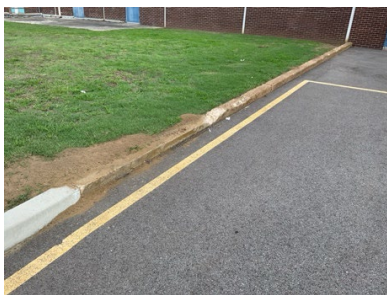
Priority Score: **87.7**

Plan Type:  
Performance/Integrity

Cost Estimate: \$195,700

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Windows have exceeded Useful Life. - AssetCALC ID: 8324929



### Parking Lots in Failed Condition.

Curb & Gutter, Concrete  
Wooddale High School  
Site

Uniformat Code: G2020  
Recommendation: **Replace in 2024**

Priority Score: **86.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$3,000

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Some sections have been destroyed - AssetCALC ID: 8325305



### Exhaust Fan in Failed Condition.

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325187

**Exhaust Fan in Failed Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

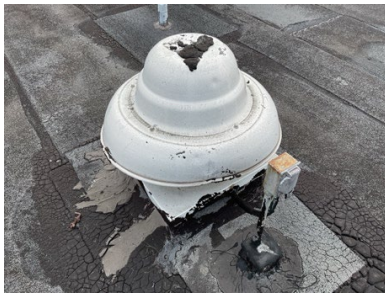
Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Damaged - AssetCALC ID: 8325067

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325176

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325226

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8324998

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325325

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325243

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325012

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8325088



**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325109

**Exhaust Fan in Poor Condition.**

Centrifugal, 24" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$3,000

\$\$\$\$

Not running - AssetCALC ID: 8325269

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325303

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325045

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8325218

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8324954

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

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Not running - AssetCALC ID: 8324958

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8325278

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8325091

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8325239

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8325252

**Exhaust Fan in Poor Condition.**

Centrifugal, 24" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$3,000

\$\$\$\$

Not running - AssetCALC ID: 8325013



**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8324900

**Exhaust Fan in Poor Condition.**

Centrifugal, 36" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$5,600

\$\$\$\$

Not running - AssetCALC ID: 8325038

**Exhaust Fan in Poor Condition.**

Centrifugal, 24" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$3,000

\$\$\$\$

Not running - AssetCALC ID: 8325247

**Exhaust Fan in Poor Condition.**

Centrifugal, 24" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$3,000

\$\$\$\$

Not running - AssetCALC ID: 8325022



**Exhaust Fan in Poor Condition.**

Centrifugal, 24" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$3,000

\$\$\$\$

Not running - AssetCALC ID: 8325039

**Exhaust Fan in Poor Condition.**

Centrifugal, 24" Damper  
Wooddale High School  
Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$3,000

\$\$\$\$

Not running - AssetCALC ID: 8325211

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8325313

**Exhaust Fan in Poor Condition.**

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof

Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8324945



### Exhaust Fan in Poor Condition.

Centrifugal, 12" Damper  
Wooddale High School  
High School  
Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8325081



### Exhaust Fan in Poor Condition.

Centrifugal, 12" Damper  
Wooddale High School  
High School Roof  
Uniformat Code: D3060  
Recommendation: **Replace in 2024**

Priority Score: **85.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$1,400

\$\$\$\$

Not running - AssetCALC ID: 8324905



### Parking Lots in Poor Condition.

Pavement, Asphalt  
Wooddale High School  
Site Student Parking Lot  
Uniformat Code: G2020  
Recommendation: **Mill & Overlay in 2025**

Priority Score: **84.8**

Plan Type:  
Performance/Integrity

Cost Estimate: \$336,000

\$\$\$\$

Observed alligator cracks and potholes. - AssetCALC ID: 8325224



### Sports Apparatus in Poor Condition.

Scoreboard, Electronic Basic  
Wooddale High School  
Site  
Uniformat Code: G2050  
Recommendation: **Replace in 2025**

Priority Score: **82.8**

Plan Type:  
Performance/Integrity

Cost Estimate: \$3,000

\$\$\$\$

Does not appear to be in service. - AssetCALC ID: 8452539



### Air Handler in Failed Condition.

Interior AHU, Easy/Moderate Access, 10000 CFM  
Wooddale High School  
High School Gymnasium

Uniformat Code: D3050  
Recommendation: **Replace in 2024**

Priority Score: **81.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$49,000

\$\$\$\$

According to the Building Engineer, the 3 Air Handlers located in the Gymnasium are non-functional. - AssetCALC ID: 8469250



### Air Handler in Failed Condition.

Interior AHU, Easy/Moderate Access, 10000 CFM  
Wooddale High School  
High School Gymnasium

Uniformat Code: D3050  
Recommendation: **Replace in 2024**

Priority Score: **81.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$49,000

\$\$\$\$

Non-functional. - AssetCALC ID: 8469534



### Foodservice Equipment in Failed Condition.

Dishwasher Commercial  
Wooddale High School  
High School Kitchen

Uniformat Code: E1030  
Recommendation: **Replace in 2024**

Priority Score: **81.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$21,500

\$\$\$\$

No longer in use? - AssetCALC ID: 8325107



### Air Handler in Failed Condition.

Interior AHU, Easy/Moderate Access, 10000 CFM  
Wooddale High School  
High School Gymnasium

Uniformat Code: D3050  
Recommendation: **Replace in 2024**

Priority Score: **81.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$49,000

\$\$\$\$

Non-functional. - AssetCALC ID: 8468996





## Recommended Follow-up Study: Structural, Superstructure

Structural, Superstructure  
Wooddale High School  
High School Building Structure

Uniformat Code: P2030  
Recommendation: **Evaluate/Report in 2024**

Priority Score: **81.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$10,000

\$\$\$\$

Significant spalling was observed. - AssetCALC ID: 8324985



## Split System Ductless in Poor Condition.

Single Zone  
Wooddale High School  
High School Roof

Uniformat Code: D3030  
Recommendation: **Replace in 2024**

Priority Score: **81.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$4,800

\$\$\$\$

Unit appeared to be beyond Useful Life. - AssetCALC ID: 8325167



## Split System Ductless in Poor Condition.

Single Zone  
Wooddale High School  
High School Roof

Uniformat Code: D3030  
Recommendation: **Replace in 2024**

Priority Score: **81.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$4,800

\$\$\$\$

Unit appeared to have exceeded Useful Life. - AssetCALC ID: 8325108



## Emergency & Exit Lighting in Poor Condition.

Exit Sign/Emergency Combo, LED  
Wooddale High School NW4  
High School  
Uniformat Code: D5040  
Recommendation: **Replace in 2024**

Priority Score: **81.9**

Plan Type:  
Performance/Integrity

Cost Estimate: \$300

\$\$\$\$

No lights - AssetCALC ID: 8325011



### Stair/Ramp Rails in Poor Condition.

Metal  
Wooddale High School  
Site

Uniformat Code: B1080  
Recommendation: **Refinish in 2025**

Priority Score: **81.8**

Plan Type:  
Performance/Integrity

Cost Estimate: \$100

\$\$\$\$

Rails should be repaired - AssetCALC ID: 8325242



### Packaged Unit in Poor Condition.

RTU, Pad or Roof-Mounted  
Wooddale High School  
Classroom Addition

Uniformat Code: D3050  
Recommendation: **Replace in 2025**

Priority Score: **81.8**

Plan Type:  
Performance/Integrity

Cost Estimate: \$7,500

\$\$\$\$

Not in service. - AssetCALC ID: 8325118



### Unit Ventilator in Poor Condition.

Approx/nominal 3 Ton  
Wooddale High School  
Stairwells

Uniformat Code: D3030  
Recommendation: **Replace in 2026**

Priority Score: **81.7**

Plan Type:  
Performance/Integrity

Cost Estimate: \$36,000

\$\$\$\$

Units have exceeded useful life. - AssetCALC ID: 8325302

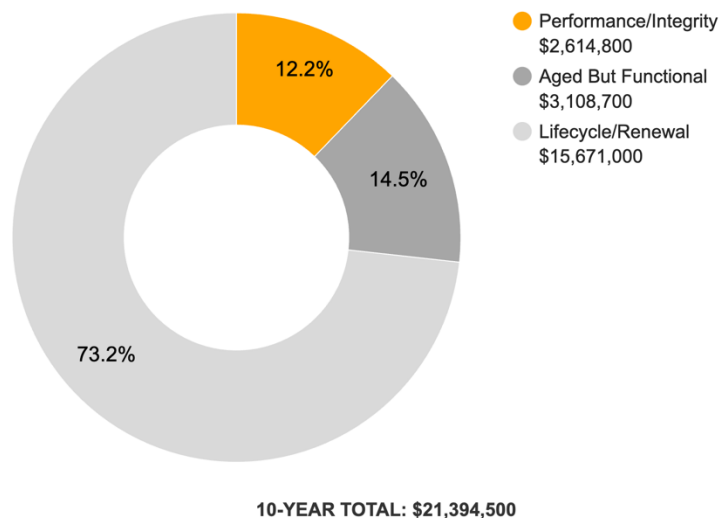
## Plan Types

Each line item in the cost database is assigned a Plan Type, which is the primary reason or rationale for the recommended replacement, repair, or other corrective action. This is the “why” part of the equation. A cost or line item may commonly have more than one applicable Plan Type; however, only one Plan Type will be assigned based on the “best” fit, typically the one with the greatest significance.

### Plan Type Descriptions

<b>Safety</b>	■	An observed or reported unsafe condition that if left unaddressed could result in injury; a system or component that presents potential liability risk.
<b>Performance/Integrity</b>	■	Component or system has failed, is almost failing, performs unreliably, does not perform as intended, and/or poses risk to overall system stability.
<b>Accessibility</b>	■	Does not meet ADA, UFAS, and/or other handicap accessibility requirements.
<b>Environmental</b>	■	Improvements to air or water quality, including removal of hazardous materials from the building or site.
<b>Retrofit/Adaptation</b>	■	Components, systems, or spaces recommended for upgrades in order to meet current standards, facility usage, or client/occupant needs.
<b>Lifecycle/Renewal</b>	■	Any component or system that is not currently deficient or problematic but for which future replacement or repair is anticipated and budgeted.

### Plan Type Distribution (by Cost)



## 2. High School Building



### High School Building: Systems Summary

Constructed/Renovated	1967	
Building/Group Size	241,513 SF	
Number of Stories	Two, above grade with partial basement	
System	Description	Condition
Structure	Concrete beams & columns with cast-in-place floors; concrete pad column footing and grade beam foundation system	Fair
Façade	Primary Wall Finish: Brick Secondary Wall Finish: Cast-in place concrete Windows: Aluminum	Fair
Roof	Flat construction with modified bituminous finish	Fair
Interiors	Walls: Painted CMU Floors: VCT, unfinished Ceilings: ACT	Fair
Elevators	Passenger: One hydraulic car serving both floors	Fair
Plumbing	Distribution: Copper supply; cast-iron waste/venting Hot Water: Domestic boilers Fixtures: Toilets, urinals, and sinks in restrooms	Fair



High School Building: Systems Summary		
<b>HVAC</b>	Central System: Heating Boilers supplying individual fan-coil units. Water-cooled chillers supplying individual fan-coil units or unit ventilators Non-central Systems: Split systems, ductless split systems, unit heaters	Fair
<b>Fire Suppression</b>	Fire extinguishers	Good
<b>Electrical</b>	Source & Distribution: Main switchboards with copper wiring Interior Lighting: Linear fluorescent Emergency Power: None	Good
<b>Fire Alarm</b>	Alarm panel with smoke detectors, heat detectors, alarms, strobes, pull stations, back-up emergency lights, and exit signs	Good
<b>Equipment/Special</b>	Commercial Kitchen Equipment	Fair
<b>Accessibility</b>	Presently it does not appear an accessibility study is needed for this building. See Appendix D.	
<b>Key Issues and Findings</b>	Significant structural deterioration. Roof Leaks have been a problem due to poor drainage. HVAC terminal units are nearing end of their useful lives. Non-working exhaust fans	

### 3. Classroom Addition



#### Classroom Addition: Systems Summary

Constructed/Renovated	2010	
Building Size	22,000 SF	
Number of Stories	Two above-grade	
System	Description	Condition
Structure	Concrete beams & columns with cast-in-place floors; concrete pad column footing and grade beam foundation system	Good
Façade	Wall Finish: Brick Windows: Aluminum	Good
Roof	Flat construction with modified-bituminous membrane	Fair
Interiors	Walls: Painted CMU Floors: VCT Ceilings: ACT	Fair
Elevators	Passenger: One hydraulic car serving both floors	Fair
Plumbing	Distribution: Copper supply; cast-iron waste/venting Hot Water: Electric water heaters Fixtures: Toilets, urinals, and sinks in restrooms	Fair
HVAC	Non-Central System: Rooftop package units	Fair

Classroom Addition: Systems Summary		
<b>Fire Suppression</b>	Fire extinguishers and wet-pipe sprinkler system	Fair
<b>Electrical</b>	Source & Distribution: Main switchboards with copper wiring Interior Lighting: Linear-fluorescent Emergency Power: None	Good
<b>Fire Alarm</b>	Alarm panel (located in High School Building) with smoke detectors, heat detectors, alarms, strobes, pull stations, back-up emergency lights, and exit signs	Good
<b>Equipment/Special</b>	None	--
<b>Accessibility</b>	Presently it does not appear an accessibility study is needed for this building. See Appendix D.	
<b>Key Issues and Findings</b>	Roof leaks have been a frequent occurrence.	

## 4. Site Summary



### Site Information

System	Description	Condition
<b>Pavement/Flatwork</b>	Asphalt lots with limited areas of concrete aprons and pavement and adjacent concrete sidewalks, curbs, ramps, and stairs	Fair
<b>Site Development</b>	Property entrance signage; chain link fencing	Fair
<b>Landscaping and Topography</b>	Limited landscaping features including lawns, trees, bushes, and planters Irrigation not present Concrete retaining walls Low site slopes throughout	Fair
<b>Utilities</b>	Municipal water and sewer Local utility-provided electric	Good
<b>Site Lighting</b>	Pole-mounted: Metal halide Building-mounted: Metal halide	Fair
<b>Ancillary Structures</b>	Pre-fabricated shed	Poor
<b>Accessibility</b>	Presently it does not appear an accessibility study is needed for the exterior site areas. See Appendix D.	
<b>Key Issues and Findings</b>	Student parking lot appeared to be in poor condition. Site drain piping has developed problems.	

## 5. Property Space Use and Observed Areas

### Areas Observed

Most of the interior spaces were observed in order to gain a clear understanding of the property's overall condition. Other areas accessed included the site within the property boundaries, the exterior of the property, and the roofs.

### Key Spaces Not Observed

Due to the absence of the Building Engineer (and keys), many building areas could not be observed. In particular, the following spaces could not be observed:

- Basement
- Upper level of Gymnasium
- Riser room (Classroom Addition)
- Mechanical Rooms (Classroom Addition)

## 6. ADA Accessibility

Generally, Title II of the Americans with Disabilities Act (ADA) prohibits discrimination by entities to access and use of “areas of public accommodations” and “public facilities” on the basis of disability. Regardless of their age, these areas and facilities must be maintained and operated to comply with the Americans with Disabilities Act Accessibility Guidelines (ADAAG).

A public entity (i.e. city governments) shall operate each service, program, or activity so that the service, program, or activity, when viewed in its entirety, is readily accessible to and usable by individuals with disabilities.

However, this does not:

1. Necessarily require a public entity to make each of its existing facilities accessible to and usable by individuals with disabilities;
2. Require a public entity to take any action that would threaten or destroy the historic significance of an historic property; or
3. Require a public entity to take any action that it can demonstrate would result in a fundamental alteration in the nature of a service, program, or activity or in undue financial and administrative burdens. In those circumstances where personnel of the public entity believe that the proposed action would fundamentally alter the service, program, or activity or would result in undue financial and administrative burdens, a public entity has the burden of proving that compliance with 35.150(a) of this part would result in such alteration or burdens. The decision that compliance would result in such alteration or burdens must be made by the head of a public entity or his or her designee after considering all resources available for use in the funding and operation of the service, program, or activity, and must be accompanied by a written statement of the reasons for reaching that conclusion. If an action would result in such an alteration or such burdens, a public entity shall take any other action that would not result in such an alteration or such burdens but would nevertheless ensure that individuals with disabilities receive the benefits or services provided by the public entity.

Removal of barriers to accessibility should be addressed from a liability standpoint in order to comply with federal law, but the barriers may or may not be building code violations. The Americans with Disabilities Act Accessibility Guidelines are part of the ADA federal civil rights law pertaining to the disabled and are not a construction code. State and local jurisdictions have adopted the ADA Guidelines or have adopted other standards for accessibility as part of their construction codes.

During the FCA, Bureau Veritas performed a limited high-level accessibility review of the facility non-specific to any local regulations or codes. The scope of the visual observation was limited to the same areas observed while performing the FCA and the categories set forth in the checklists that are included in the appendix. It is understood by the Client that the limited observations described herein do not comprise a full ADA Compliance Survey, and that such a survey is beyond the scope of this particular assessment. A full measured ADA survey would be required to identify any and all specific potential accessibility issues. Additional clarifications of this limited survey:

- This survey was visual in nature and actual measurements were not taken to verify compliance
- Only a representative sample of areas was observed
- Two overview photos were taken for each subsection regardless of perceived compliance or non-compliance
- Itemized costs for individual non-compliant items are not // are included in the dataset
- For any “none” boxes checked or reference to “no issues” identified, that alone does not guarantee full compliance

The campus was originally constructed in 1967 (High School) and 2010 (Classroom Addition). Neither building appeared to have been renovated. However, widespread accessibility improvements appear to have been implemented).

The following table summarizes the accessibility conditions of the general site and at each building on campus:

Campus: Accessibility Summary			
<i>Facility</i>	<i>Year Built/ Renovated</i>	<i>Prior Study Provided?</i>	<i>Major/Moderate Issues Observed?</i>
General Site	1967	No	No
High School	1967	No	No

## Campus: Accessibility Summary

Classroom Addition	2010	No	No
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During the interview process with the client representatives, no complaints or pending litigation associated with potential accessibility issues within the campus was reported.

No detailed follow-up accessibility studies are included as recommendations since no major or moderate issues were identified at any of the campus facilities. Reference the appendix for specific data, photos, and tables or checklists associated with this limited accessibility survey.



## 7. Purpose and Scope

### Purpose

Bureau Veritas was retained by the client to render an opinion as to the Property's current general physical condition on the day of the site visit.

Based on the observations, interviews and document review outlined below, this report identifies significant deferred maintenance issues, existing deficiencies, and material code violations of record, which affect the Property's use. Opinions are rendered as to its structural integrity, building system condition and the Property's overall condition. The report also notes building systems or components that have realized or exceeded their typical expected useful lives.

The physical condition of building systems and related components are typically defined as being in one of five condition ratings. For the purposes of this report, the following definitions are used:

Condition Ratings	
<b>Excellent</b>	New or very close to new; component or system typically has been installed within the past year, sound and performing its function. Eventual repair or replacement will be required when the component or system either reaches the end of its useful life or fails in service.
<b>Good</b>	Satisfactory as-is. Component or system is sound and performing its function, typically within the first third of its lifecycle. However, it may show minor signs of normal wear and tear. Repair or replacement will be required when the component or system either reaches the end of its useful life or fails in service.
<b>Fair</b>	Showing signs of wear and use but still satisfactory as-is, typically near the median of its estimated useful life. Component or system is performing adequately at this time but may exhibit some signs of wear, deferred maintenance, or evidence of previous repairs. Repair or replacement will be required due to the component or system's condition and/or its estimated remaining useful life.
<b>Poor</b>	Component or system is significantly aged, flawed, functioning intermittently or unreliably; displays obvious signs of deferred maintenance; shows evidence of previous repair or workmanship not in compliance with commonly accepted standards; has become obsolete; or exhibits an inherent deficiency. The present condition could contribute to or cause the deterioration of contiguous elements or systems. Either full component replacement is needed or repairs are required to restore to good condition, prevent premature failure, and/or prolong useful life.
<b>Failed</b>	Component or system has ceased functioning or performing as intended. Replacement, repair, or other significant corrective action is recommended or required.
<b>Not Applicable</b>	Assigning a condition does not apply or make logical sense, most commonly due to the item in question not being present.

## Scope

The standard scope of the Facility Condition Assessment includes the following:

- Visit the Property to evaluate the general condition of the building and site improvements, review available construction documents in order to familiarize ourselves with, and be able to comment on, the in-place construction systems, life safety, mechanical, electrical, and plumbing systems, and the general built environment.
- Identify those components that are exhibiting deferred maintenance issues and provide cost estimates for Immediate Costs and Replacement Reserves based on observed conditions, maintenance history and industry standard useful life estimates. This will include the review of documented capital improvements completed within the last five-year period and work currently contracted for, if applicable.
- Provide a full description of the Property with descriptions of in-place systems and commentary on observed conditions.
- Provide a high-level categorical general statement regarding the subject Property's compliance to Title III of the Americans with Disabilities Act. This will not constitute a full ADA survey, but will help identify exposure to issues and the need for further review.
- Obtain background and historical information about the facility from a building engineer, property manager, maintenance staff, or other knowledgeable source. The preferred methodology is to have the client representative or building occupant complete a Pre-Survey Questionnaire (PSQ) in advance of the site visit. Common alternatives include a verbal interview just prior to or during the walk-through portion of the assessment.
- Review maintenance records and procedures with the in-place maintenance personnel.
- Observe a representative sample of the interior spaces/units, including vacant spaces/units, to gain a clear understanding of the property's overall condition. Other areas to be observed include the exterior of the property, the roofs, interior common areas, and the significant mechanical, electrical and elevator equipment rooms.
- Provide recommendations for additional studies, if required, with related budgetary information.
- Provide an Executive Summary at the beginning of this report, which highlights key findings and includes a Facility Condition Index as a basis for comparing the relative conditions of the buildings within the portfolio.

## 8. Opinions of Probable Costs

Cost estimates are attached throughout this report, with the Replacement Reserves in the appendix.

These estimates are based on Invoice or Bid Document/s provided either by the Owner/facility and construction costs developed by construction resources such as *R.S. Means*, *CBRE Whitestone*, and *Marshall & Swift*, Bureau Veritas's experience with past costs for similar properties, city cost indexes, and assumptions regarding future economic conditions.

Opinions of probable costs should only be construed as preliminary, order of magnitude budgets. Actual costs most probably will vary from the consultant's opinions of probable costs depending on such matters as type and design of suggested remedy, quality of materials and installation, manufacturer and type of equipment or system selected, field conditions, whether a physical deficiency is repaired or replaced in whole, phasing or bundling of the work (if applicable), quality of contractor, quality of project management exercised, market conditions, use of subcontractors, and whether competitive pricing is solicited, etc. Certain opinions of probable costs cannot be developed within the scope of this guide without further study. Opinions of probable cost for further study should be included in the FCA.

### Methodology

Based upon site observations, research, and judgment, along with referencing Expected Useful Life (EUL) tables from various industry sources, Bureau Veritas opines as to when a system or component will most probably necessitate replacement. Accurate historical replacement records, if provided, are typically the best source of information. Exposure to the elements, initial quality and installation, extent of use, the quality and amount of preventive maintenance exercised, etc., are all factors that impact the effective age of a system or component. As a result, a system or component may have an effective age that is greater or less than its actual chronological age. The Remaining Useful Life (RUL) of a component or system equals the EUL less its *effective age*, whether explicitly or implicitly stated. Projections of Remaining Useful Life (RUL) are based primarily on age and condition with the presumption of continued use and maintenance of the Property similar to the observed and reported past use and maintenance practices, in conjunction with the professional judgment of Bureau Veritas's assessors. Significant changes in occupants and/or usage may affect the service life of some systems or components.

Where quantities could not be or were not derived from an actual construction document take-off or facility walk-through, and/or where systemic costs are more applicable or provide more intrinsic value, budgetary square foot and gross square foot costs are used. Estimated costs are based on professional judgment and the probable or actual extent of the observed defect, inclusive of the cost to design, procure, construct and manage the corrections.

### Definitions

#### Immediate Needs

Immediate Needs are line items that require immediate action as a result of: (1) material existing or potential unsafe conditions, (2) failed or imminent failure of mission critical building systems or components, or (3) conditions that, if not addressed, have the potential to result in, or contribute to, critical element or system failure within one year or will most probably result in a significant escalation of its remedial cost.

For database and reporting purposes the line items with RUL=0, and commonly associated with *Safety* or *Performance/Integrity* Plan Types, are considered Immediate Needs.

## Replacement Reserves

Cost line items traditionally called Replacement Reserves (equivalently referred to as Lifecycle/Renewals) are for recurring probable renewals or expenditures, which are not classified as operation or maintenance expenses. The replacement reserves should be budgeted for in advance on an annual basis. Replacement Reserves are reasonably predictable both in terms of frequency and cost. However, Replacement Reserves may also include components or systems that have an indeterminable life but, nonetheless, have a potential for failure within an estimated time period.

Replacement Reserves generally exclude systems or components that are estimated to expire after the reserve term and are not considered material to the structural and mechanical integrity of the subject property. Furthermore, systems and components that are not deemed to have a material effect on the use of the Property are also excluded. Costs that are caused by acts of God, accidents, or other occurrences that are typically covered by insurance, rather than reserved for, are also excluded.

Replacement costs are solicited from ownership/property management, Bureau Veritas's discussions with service companies, manufacturers' representatives, and previous experience in preparing such schedules for other similar facilities. Costs for work performed by the ownership's or property management's maintenance staff are also considered.

Bureau Veritas's reserve methodology involves identification and quantification of those systems or components requiring capital reserve funds within the assessment period. The assessment period is defined as the effective age plus the reserve term. Additional information concerning systems or component's respective replacement costs (in today's dollars), typical expected useful lives, and remaining useful lives were estimated so that a funding schedule could be prepared. The Replacement Reserves Schedule presupposes that all required remedial work has been performed or that monies for remediation have been budgeted for items defined as Immediate Needs.

For the purposes of 'bucketizing' the System Expenditure Forecasts in this report, the Replacement Reserves have been subdivided and grouped as follows: Short Term (years 1-3), Near Term (years 4-5), Medium Term (years 6-10), and Long Term (years 11-20).

## Key Findings

In an effort to highlight the most significant cost items and not be overwhelmed by the Replacement Reserves report in its totality, a subsection of Key Findings is included within the Executive Summary section of this report. Key Findings typically include repairs or replacements of deficient items within the first five-year window, as well as the most significant high-dollar line items that fall anywhere within the ten-year term. Note that while there is some subjectivity associated with identifying the Key Findings, the Immediate Needs are always included as a subset.

## Exceedingly Aged

A fairly common scenario encountered during the assessment process, and a frequent source of debate, occurs when classifying and describing "very old" systems or components that are still functioning adequately and do not appear nor were reported to be in any way deficient. To help provide some additional intelligence on these items, such components will be tagged in the database as Exceedingly Aged. This designation will be reserved for mechanical or electrical systems or components that have aged well beyond their industry standard lifecycles, typically at least 15 years beyond and/or twice their Estimated Useful Life (EUL). In tandem with this designation, these items will be assigned a Remaining Useful Life (RUL) not less than two years but not greater than 1/3 of their standard EUL. As such the recommended replacement time for these components will reside outside the typical Short-Term window but will not be pushed 'irresponsibly' (too far) into the future.

## 9. Certification

Shelby County Board of Education (the Client) retained Bureau Veritas to perform this Facility Condition Assessment in connection with its continued operation of Wooddale High School, 5151 Scottsdale Avenue, Memphis, Tennessee 38118, the "Property". It is our understanding that the primary interest of the Client is to locate and evaluate materials and building system defects that might significantly affect the value of the property and to determine if the present Property has conditions that will have a significant impact on its continued operations.

The conclusions and recommendations presented in this report are based on the brief review of the plans and records made available to our Project Manager during the site visit, interviews of available property management personnel and maintenance contractors familiar with the Property, appropriate inquiry of municipal authorities, our Project Manager's walk-through observations during the site visit, and our experience with similar properties.

No testing, exploratory probing, dismantling or operating of equipment or in-depth studies were performed unless specifically required under the *Purpose and Scope* section of this report. This assessment did not include engineering calculations to determine the adequacy of the Property's original design or existing systems. Although walk-through observations were performed, not all areas may have been observed (see Section 1 for specific details). There may be defects in the Property, which were in areas not observed or readily accessible, may not have been visible, or were not disclosed by management personnel when questioned. The report describes property conditions at the time that the observations and research were conducted.

This report has been prepared for and is exclusively for the use and benefit of the Client identified on the cover page of this report. The purpose for which this report shall be used shall be limited to the use as stated in the contract between the client and Bureau Veritas.

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**Prepared by:** John McLurg, P.E.  
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**Reviewed by:**



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## 10. Appendices

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- Appendix A: Photographic Record
- Appendix B: Site Plan(s)
- Appendix C: Pre-Survey Questionnaire
- Appendix D: Accessibility Review and Photos
- Appendix E: Component Condition Report
- Appendix F: Replacement Reserves
- Appendix G: Equipment Inventory List

## Appendix A:

### Photographic Record

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## Photographic Overview



1 - FRONT ELEVATION



2 - FRONT ELEVATION



3 - LEFT ELEVATION



4 - RIGHT ELEVATION



5 - REAR ELEVATION



6 - CLASSROOM ADDITION



## Photographic Overview



7 - COURTYARD



8 - ROOF



9 - FIRST FLOOR CORRIDOR



10 - AUDITORIUM



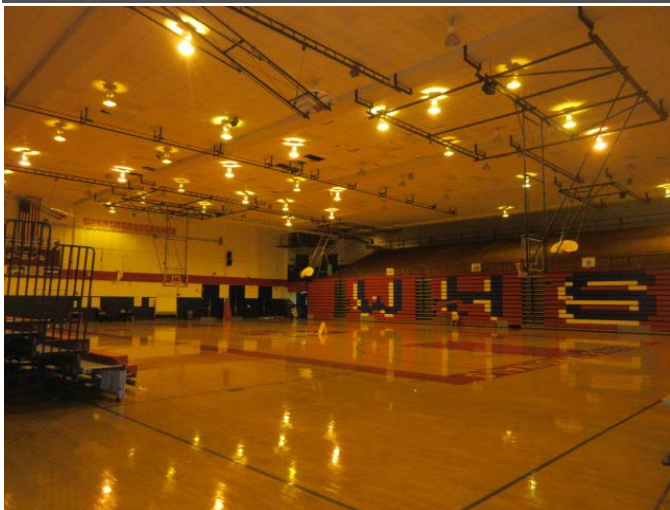
11 - LIBRARY



12 - CAFETERIA



## Photographic Overview



13 - GYMNASIUM



14 - CLASSROOM CORRIDOR



15 - CLASSROOM



16 - BOILER ROOM



17 - ROOFTOP HVAC EQUIPMENT



18 - DOMESTIC BOILER



## Photographic Overview



19 - ELECTRIC ROOM



20 - STUDENT PARKING LOT



21 - STRUCTURAL DETERIORATION



22 - STRUCTURAL DETERIORATION



23 - STRUCTURAL DETERIORATION



24 - STRUCTURAL DETERIORATION



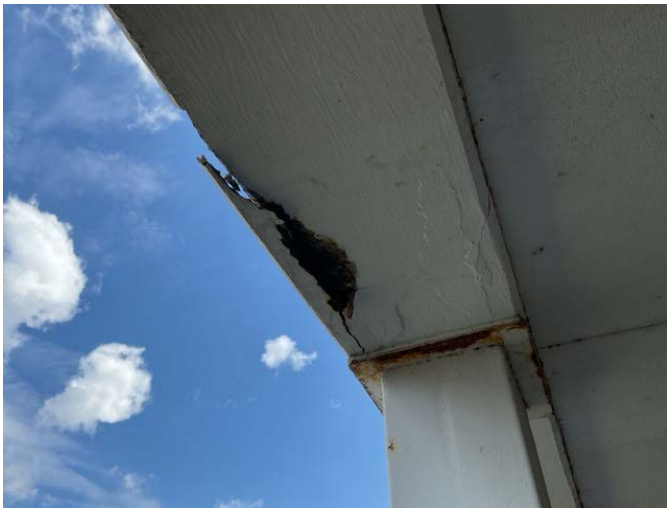
## Photographic Overview



25 - STRUCTURAL DETERIORATION



26 - STRUCTURAL DETERIORATION



27 - STRUCTURAL DETERIORATION



28 - ROOF PONDING



29 - ROOF LEAK DAMAGE



30 - SINK HOLE IN PARKING LOT

## Appendix B:

### Site Plan(s)

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# Site Plan



**BUREAU  
VERITAS**

## Project Number

163745.23R000-200.354

## Source

Google

## Project Name

Wooddale High School

## On-Site Date

September 30-October 4, 2024



## **Appendix C:**

### **Pre-Survey Questionnaire**

---



## BV Facility Condition Assessment: Pre-Survey Questionnaire

**Building / Facility Name:** Wooddale High School  
**Name of person completing form:** John McLurg, based on information provided by Latonja Robinson  
**Title / Association with property:** Principal  
**Length of time associated w/ property:** 2 years  
**Date Completed:** October 11, 2024  
**Phone Number:** (901) 416-2440  
**Method of Completion:** DURING: verbally completed during assessment

**Directions:** Please answer all questions to the best of your knowledge and in good faith. Please provide additional details in the Comments column, or backup documentation for any **Yes** responses.

Data Overview		Response		
1	Year/s constructed / renovated	1967/2010		
2	Building size in SF	263,513		
3	Major Renovation/Rehabilitation		Year	Additional Detail
		Façade	2010	
		Roof	Unknown	
		Interiors	Unknown	
		HVAC	2007	
		Electrical	Unknown	
		Site Pavement	Unknown	
		Accessibility	Unknown	
Question		Response		
4	List other significant capital improvements (focus on recent years; provide approximate date).	The original (1934) stadium was mostly demolished and replaced with the existing facility in 2007.		
5	List any major capital expenditures planned/requested for the next few years. Have they been budgeted?	Unknown		
6	Describe any on-going extremely problematic, historically chronic, or immediate facility needs.	Frequent roof leaks		

Mark the column corresponding to the appropriate response. Please provide additional details in the Comments column, or backup documentation for any <b>Yes</b> responses. ( <b>NA</b> indicates "Not Applicable", <b>Unk</b> indicates "Unknown")						
Question		Response				Comments
		Yes	No	Unk	NA	
7	Are there any problems with foundations or structures, like excessive settlement?	X				Façade problems were observed. Deterioration of structural concrete was observed.
8	Are there any wall, window, basement or roof leaks?			X		No evidence of roof leaks observed. Buildings do not have windows.
9	Has any part of the facility ever contained visible suspect mold growth, or have there been any indoor air quality or mold related complaints from occupants?			X		
10	Are your elevators unreliable, with frequent service calls?		X			
11	Are there any plumbing leaks, water pressure, or clogging/back-up problems?		X			
12	Have there been any leaks or pressure problems with natural gas, HVAC supply/return lines, or steam service?		X			
13	Are any areas of the facility inadequately heated, cooled or ventilated? Poorly insulated areas?		X			
14	Is the electrical service outdated, undersized, or problematic?		X			
15	Are there any problems or inadequacies with exterior lighting?		X			
16	Is site/parking drainage inadequate, with excessive ponding or other problems?		X			
17	Are there any other unresolved construction defects or significant issues/hazards at the property that have not yet been identified above?			X		
18	ADA: Has an accessibility study been previously performed? If so, when?			X		Probably, as part of the design process for the 2006-2007 reconstruction.
19	ADA: Have any ADA improvements been made to the property since original construction? Describe.	X				Accessible parking, wheelchair lifts, restrooms.
20	ADA: Has building management reported any accessibility-based complaints or litigation?			X		
21	Are any areas of the property leased to outside occupants?		X			

## **Appendix D:**

### **Accessibility Review and Photos**

---

## Visual Survey - 2010 ADA Standards for Accessible Design

**Property Name:** Wooddale High School

**BV Project Number:** 163745.23R000-200.354

### Facility History and Interview

Question		Yes	No	Unk	Comments
1	Has an accessibility study been previously performed? If so, when?			✗	
2	Have any ADA improvements been made to the property since original construction? Describe.	✗			Parking, wheelchair lifts, plumbing fixtures
3	Has building management reported any accessibility-based complaints or litigation?		✗		

### Wooddale High School: Accessibility Issues

Category	Major Issues (ADA study recommended)	Moderate Issues (ADA study recommended)	Minor Issues	None*
Parking				✗
Exterior Accessible Route				✗
Building Entrances				✗
Interior Accessible Route				✗
Elevators				✗
Public Restrooms				✗
Kitchens/Kitchenettes				
Playgrounds & Swimming Pools				
Other				

*\*Be cognizant that if the "None" box is checked that does not guarantee full compliance; this study is limited in nature*



## Wooddale High School: Photographic Overview



OVERVIEW OF ACCESSIBLE PARKING AREA



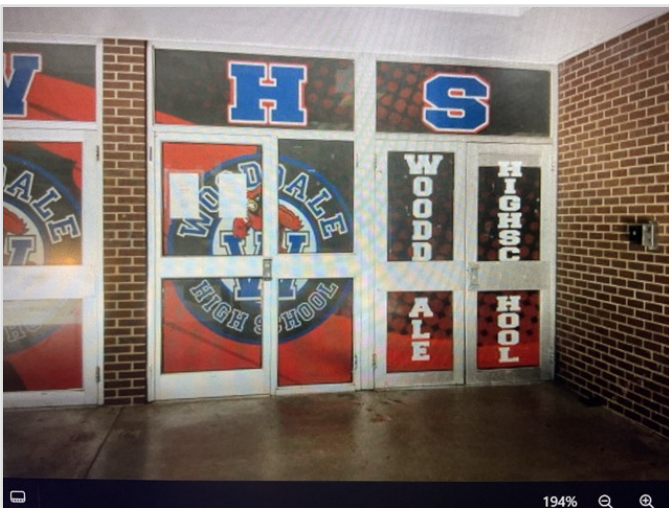
CLOSE-UP OF STALL



CURB CUT



ACCESSIBLE RAMP



MAIN ENTRANCE



ADDITIONAL ENTRANCE



## Wooddale High School: Photographic Overview



ACCESSIBLE INTERIOR LIFT



DOOR HARDWARE



LOBBY LOOKING AT CABS (WITH DOORS OPEN)



EMERGENCY CALL PANEL



TOILET STALL OVERVIEW



SINK, FAUCET HANDLES, AND ACCESSORIES

## **Appendix E:**

### **Component Condition Report**

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Component Condition Report | Wooddale High School / Site

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
Structure						
B1080	Site	Fair	Stairs, Concrete, Exterior	50 SF	4	8325205
B1080	Site	Poor	Stair/Ramp Rails, Metal, Refinish	50 LF	1	8325242
Facade						
B2050	Service Area	Fair	Exterior Door, Steel, Standard	6	4	8325004
Pedestrian Plazas & Walkways						
G2020	Site	Good	Parking Lots, Curb & Gutter, Concrete	1,000 LF	48	8324989
G2020	Staff Parking Lot	Good	Parking Lots, Pavement, Asphalt, Mill & Overlay	44,000 SF	23	8325315
G2020	Site	Fair	Parking Lots, Curb & Gutter, Concrete	200 LF	4	8325048
G2020	Student Parking Lot	Poor	Parking Lots, Pavement, Asphalt, Mill & Overlay	96,000 SF	1	8325224
G2020	Staff Parking Lot	Fair	Parking Lots, Pavement, Asphalt, Seal & Stripe	44,000 SF	3	8325044
G2020	Student Parking Lot	Fair	Parking Lots, Pavement, Asphalt, Seal & Stripe	96,000 SF	3	8325244
G2020	Site	Failed	Parking Lots, Curb & Gutter, Concrete	100 LF	0	8325305
G2020	Site	Fair	Parking Lots, Wheel Stops, Concrete or Plastic, Replace/Install	8	15	8324952
G2030	Site	Fair	Sidewalk, Concrete, Large Areas	8,000 SF	20	8325233
G2030	Site	Fair	Sidewalk, Concrete, Large Areas	2,300 SF	15	8325057
G2030	Site	Fair	Sidewalk, Concrete, Large Areas	300 SF	15	8324901
Athletic, Recreational & Playfield Areas						
G2050	Site	Poor	Sports Apparatus, Scoreboard, Electronic Basic	1	1	8452539
G2050	Site	Fair	Athletic Surfaces & Courts, Tennis/Volleyball, 2-Color Surface, Seal & Stripe	53,000 SF	5	8452538
G2050	Site	Fair	Sports Apparatus, Football, Goal Post	2	4	8452537
Sitework						
G2060	Site	Fair	Fences & Gates, Fence, Chain Link 8'	2,100 LF	10	8325179
G2060	Site General	Fair	Flagpole, Metal	1	4	8325274

Component Condition Report | Wooddale High School / Site

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
G2060	Site	Fair	Signage, Property, Pylon Standard, Replace/Install	1	4	8325015
G4050	Site	Fair	Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, Replace/Install	6	10	8325331

Component Condition Report | Wooddale High School / Classroom Addition

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
Facade						
B2020	Classroom Addition	Fair	Window, Aluminum Double-Glazed, 16-25 SF	1	4	8325134
B2020	Classroom Addition	Fair	Window, Aluminum Double-Glazed, 16-25 SF	1	16	8325171
B2050	Classroom Addition	Good	Exterior Door, Steel, Commercial	8	26	8325140
B2050	Classroom Addition	Fair	Exterior Door, Steel, Commercial	2	4	8324975
B2050	Classroom Addition	Good	Exterior Door, Steel, Standard	2	25	8325029
B2050	Classroom Addition	Fair	Exterior Door, Steel, Commercial	4	4	8324933
Roofing						
B3010	Classroom Addition	Fair	Roofing, Modified Bitumen	11,000 SF	4	8324931
B3020	Classroom Addition	Fair	Roof Appurtenances, Gutters & Downspouts, Aluminum w/ Fittings	250 LF	10	8325119
B3020	Classroom Addition	Fair	Roof Appurtenances, Gutters & Downspouts, Aluminum w/ Fittings	300 LF	6	8325294
B3060	Classroom Addition	Fair	Roof Hatch, Metal	1	11	8324972
Interiors						
C1030	Classroom Addition	Fair	Interior Door, Steel, Fire-Rated at 90 Minutes or Over	20	21	8325061
C1030	Classroom Addition	Fair	Interior Door, Steel, Standard	1	21	8325209
C1030	Classroom Addition	Good	Interior Door, Wood, Solid-Core	1	26	8325150
C1030	Classroom Addition	Fair	Door Hardware, School, per Door	1	11	8325326
C1070	Classroom Addition	Fair	Suspended Ceilings, Acoustical Tile (ACT)	22,000 SF	11	8325054
C1090	Classroom Addition	Fair	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H	211 LF	4	8324983
C1090	Classroom Addition	Fair	Toilet Partitions, Plastic/Laminate	24	4	8324927

Component Condition Report | Wooddale High School / Classroom Addition

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
C2010	Classroom Addition	Good	Wall Finishes, any surface, Prep & Paint	33,000 SF	8	8324959
C2030	Classroom Addition	Good	Flooring, Vinyl Tile (VCT)	21,000 SF	10	8325256
C2030	Classroom Addition	Fair	Flooring, Ceramic Tile	1,000 SF	4	8325234
C2050	Classroom Addition	Good	Ceiling Finishes, any flat surface, Prep & Paint	800 SF	8	8325182
Conveying						
D1010	Classroom Addition	Fair	Passenger Elevator, Hydraulic, 2 Floors, Renovate	1	16	8325058
D1010	Classroom Addition	Fair	Elevator Cab Finishes, Standard	1	4	8325262
D1010	Classroom Addition	Fair	Elevator Controls, Automatic, 1 Car	1	6	8325063
Plumbing						
D2010	Classroom Addition	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	4	4	8325101
D2010	Classroom Addition	Fair	Urinal, Standard	8	11	8325169
D2010	Classroom Addition	Fair	Sink/Lavatory, Wall-Hung, Enameled Steel	17	11	8325312
D2010	Classroom Addition	Fair	Toilet, Commercial Water Closet	25	11	8325041
HVAC						
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 17]	1	4	8325236
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 9]	1	4	8325068
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 43]	1	4	8325309
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 8]	1	4	8325070
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 41]	1	4	8325014
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 38]	1	4	8325284
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 44]	1	4	8325276
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 45]	1	4	8325027
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 10]	1	4	8325175
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 15]	1	4	8325253
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 11]	1	4	8324966



Component Condition Report | Wooddale High School / Classroom Addition

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D3050	Classroom Addition	Poor	Packaged Unit, RTU, Pad or Roof-Mounted [Room 39]	1	1	8325118
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 14]	1	4	8325049
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [East Hall]	1	4	8325020
D3050	Classroom Addition	Fair	Make-Up Air Unit, MUA or MAU, 2000 to 6000 CFM	1	6	8325170
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 16]	1	4	8325034
D3050	Classroom Addition	Fair	HVAC System, Ductwork, High Density	22,000 SF	16	8324918
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 46]	1	4	8325106
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 13]	1	4	8325131
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 12]	1	4	8325047
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 40]	1	4	8325214
D3050	Classroom Addition	Fair	HVAC System, Ductwork, Medium Density	22,000 SF	16	8324995
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [West Hall]	1	4	8325212
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 47 ]	1	4	8325056
D3050	Classroom Addition	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [Room 42]	1	4	8325152
D3050	Classroom Addition	Fair	Make-Up Air Unit, MUA or MAU, 2000 to 6000 CFM	1	6	8325001
Fire Protection						
D4010	Classroom Addition	Fair	Fire Suppression System, Existing Sprinkler Heads, by SF	22,000 SF	11	8325280
D4030	Classroom Addition	Good	Fire Extinguisher, Type ABC, up to 20 LB	12	8	8325190
Electrical						
D5020	Classroom Addition	Fair	Distribution Panel, 277/480 V [HWH1 section 2]	1	15	8325320
D5020	Classroom Addition	Good	Switchboard, 277/480 V [Main]	1	26	8325077
D5020	Classroom Addition	Fair	Distribution Panel, 277/480 V [HWH1]	1	15	8324949
D5020	Classroom Addition	Fair	Secondary Transformer, Dry, Stepdown	1	16	8325141
D5030	Classroom Addition	Good	Electrical System, Wiring & Switches, Average or Low Density/Complexity	22,000 SF	26	8325036
D5040	Classroom Addition	Good	Exterior Light, any type, w/ LED Replacement	4	18	8325142

Component Condition Report | Wooddale High School / Classroom Addition

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D5040	Classroom Addition	Fair	Emergency & Exit Lighting, Exit Sign, LED	15	4	8324910
D5040	Classroom Addition	Fair	Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery	24	4	8325333
D5040	Classroom Addition	Fair	Interior Lighting System, Full Upgrade, High Density & Standard Fixtures	22,000 SF	6	8325124
D5040	Classroom Addition	Good	Exterior Light, any type, w/ LED Replacement	10	18	8325037
D5040	Classroom Addition	Fair	Interior Lighting System, Full Upgrade, High Density & Standard Fixtures	22,000 SF	6	8325076
Fire Alarm & Electronic Systems						
D7030	Classroom Addition	Fair	Security/Surveillance System, Full System Upgrade, Average Density	22,000 SF	4	8325160
D7050	Classroom Addition	Fair	Fire Alarm System, Full System Upgrade, Standard Addressable, Upgrade/Install	22,000 SF	4	8325316
D7050	Classroom Addition	Fair	Fire Alarm Panel, Annunciator	1	4	8325249
Equipment & Furnishings						
E1040	Classroom Addition	Fair	Healthcare Equipment, Defibrillator (AED), Cabinet-Mounted	1	4	8325114
Pedestrian Plazas & Walkways						
G2030	Classroom Addition	Good	Sidewalk, Concrete, Large Areas	2,000 SF	36	8325046

Component Condition Report | Wooddale High School / High School

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
Facade						
B2020	Building Exterior	Poor	Window, Aluminum Double-Glazed, 12 SF	206	2	8324929
B2050	Gymnasium	Fair	Exterior Door, Steel, Standard	4	4	8324963
B2050	Gymnasium	Fair	Exterior Door, Steel, Commercial	5	4	8324950
B2050	Building Exterior	Fair	Exterior Door, Steel, Commercial	1	4	8325222
B2050	Building Exterior	Fair	Exterior Door, Aluminum-Framed & Glazed, Standard Swing	7	4	8325115
B2050	Building Exterior	Fair	Exterior Door, Aluminum-Framed & Glazed, Standard Swing	8	4	8325265
B2050	Building Exterior	Fair	Exterior Door, Steel, Standard	1	4	8325322
B2050	Building Exterior	Fair	Exterior Door, Aluminum-Framed & Glazed, Standard Swing	4	4	8325257

Component Condition Report | Wooddale High School / High School

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
B2050	Courtyard	Fair	Exterior Door, Aluminum-Framed & Glazed, Standard Swing	16	4	8324924
B2050	Stairwells	Good	Exterior Door, Steel, Commercial	8	26	8325273
Roofing						
B3010	Roof	Poor	Roofing, Modified Bitumen	168,358 SF	1	8325082
B3010	Roof	Good	Roofing, Metal Standing Seam	300 SF	26	8325216
B3060	Roof	Fair	Roof Hatch, Metal	1	4	8324986
B3060	Roof	Fair	Roof Hatch, Metal	1	4	8325155
Interiors						
C1030	Cafeteria	Fair	Interior Door, Steel, Standard	14	4	8325307
C1030	Classrooms General	Fair	Interior Door, Wood, Solid-Core	80	4	8325002
C1030	Boiler Room	Fair	Interior Door, Steel, Standard	1	4	8324990
C1030	Through	Fair	Interior Door, Steel, Standard	1	20	8325168
C1030	Kitchen	Fair	Interior Door, Wood, Solid-Core	7	4	8325332
C1030	Classrooms General	Fair	Door Hardware, School, per Door	80	4	8325314
C1030	Boiler Room	Fair	Interior Door, Wood, Solid-Core	1	4	8325264
C1030	Stairwells	Fair	Interior Door, Steel, Fire-Rated at 90 Minutes or Over	16	4	8325156
C1030	Boiler Room	Fair	Interior Door, Steel, Standard	1	4	8325116
C1070	Throughout Building	Fair	Suspended Ceilings, Acoustical Tile (ACT)	241,513 SF	5	8325285
C1070	Auditorium	Fair	Suspended Ceilings, Acoustical Tile (ACT)	22,500 SF	5	8325290
C1090	2nd Floor Corridors	Fair	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H	681 LF	4	8325147
C1090	Kitchen	Fair	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H	8 LF	10	8325033
C1090	Locker rooms	Fair	Lockers, Steel-Baked Enamel, 6' Height per LF	14 LF	10	8471099
C1090	1st Floor Corridor	Fair	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H	281 LF	4	8325198
C1090	Restrooms	Fair	Toilet Partitions, Metal	44	4	8324960
C1090	2nd Floor Corridors	Fair	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H	681 LF	4	8325162

Component Condition Report | Wooddale High School / High School

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
C2030	Gymnasium	Fair	Flooring, Maple Sports Floor, Refinish	7,000 SF	4	8325300
C2030	Auditorium	Fair	Flooring, Wood, Strip	650 SF	5	8324940
C2030	Gymnasium	Fair	Flooring, Maple Sports Floor	7,000 SF	15	8325194
C2030	Throughout Building	Fair	Flooring, Vinyl Tile (VCT)	241,513 SF	4	8325086
C2030	Auditorium	Fair	Flooring, Wood, Strip	650 SF	5	8325158
C2030	Auditorium	Fair	Flooring, Carpet, Commercial Standard	3,500 SF	4	8324977
Conveying						
D1010	Auditorium	Fair	Vertical Lift, Wheelchair, 5' Rise, Renovate	1	10	8325149
D1010	Main Building	Fair	Passenger Elevator, Hydraulic, 2 Floors, Renovate [1]	1	13	8325188
D1010	Main Building	Fair	Elevator Controls, Automatic, 1 Car [1]	1	4	8324979
D1010	Library	Fair	Vertical Lift, Wheelchair, 5' Rise, Renovate	1	8	8325085
Plumbing						
D2010	Boiler Room	Fair	Boiler, Gas, Domestic	1	4	8325213
D2010	Boiler Room	Fair	Pump, Circulation, Domestic Water	1	4	8324956
D2010	Restrooms	Fair	Urinal, Standard	15	4	8324951
D2010	Boiler Room	Fair	Pump, Circulation, Domestic Water	1	4	8324935
D2010	Utility Rooms/Areas	Fair	Sink/Lavatory, Service Sink, Wall-Hung	1	4	8325240
D2010	Kitchen	Fair	Sink/Lavatory, Wall-Hung, Enameled Steel	1	4	8325074
D2010	Boiler Room	Fair	Pump, Circulation, Domestic Water	1	4	8325031
D2010	Throughout Building	Fair	Plumbing System, Supply & Sanitary, Medium Density (excludes fixtures)	241,513 SF	10	8325153
D2010	Kitchen	Fair	Toilet, Commercial Water Closet	1	15	8325232
D2010	Boiler Room	Fair	Pump, Circulation, Domestic Water	1	4	8325230
D2010	Corridors	Good	Drinking Fountain, Wall-Mounted, Bi-Level	1	11	8325103
D2010	Restrooms	Fair	Sink/Lavatory, Wall-Hung	34	4	8459560
D2010	Corridors	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	1	4	8324969

Component Condition Report | Wooddale High School / High School

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D2010	Boiler Room	Fair	Toilet, Commercial Water Closet	1	4	8325008
D2010	Boiler Room	Fair	Pump, Circulation, Domestic Water	1	4	8324913
D2010	Boiler Room	Fair	Pump, Circulation, Domestic Water	1	4	8325318
D2010	Kitchen	Fair	Toilet, Commercial Water Closet	1	15	8325231
D2010	Cafeteria	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	2	4	8325030
D2010	Boiler Room	Fair	Pump, Circulation, Domestic Water	1	4	8325154
D2010	Boiler Room	Fair	Storage Tank, Domestic Water	1	13	8324997
D2010	Boiler Room	Fair	Sink/Lavatory, Wall-Hung, Enameled Steel	1	4	8325245
D2010	Boiler Room	Fair	Boiler, Gas, Domestic	1	4	8325183
D2010	Restrooms	Fair	Toilet, Commercial Water Closet	22	4	8325157
D2010	Locker Rooms	Fair	Shower, Valves & Heads, Single Showerhead	16	4	8325099
D2010	Boiler Room	Fair	Backflow Preventer, Domestic Water	1	5	8325311
D2010	Boiler Room	Fair	Storage Tank, Domestic Water	1	4	8325133
D2010	2nd Floor Corridors	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	6	4	8325028
D2010	Locker Rooms	Fair	Shower, Ceramic Tile	16	4	8471098
D2010	Kitchen	Fair	Sink/Lavatory, Service Sink, Wall-Hung	1	15	8325098
D2010	Kitchen	Fair	Sink/Lavatory, Service Sink, Floor	1	4	8325263
HVAC						
D3020	Boiler Room	Fair	Boiler Supplemental Components, Expansion Tank, 50 GAL	50	10	8325327
D3020	Boiler Room	Good	Unit Heater, Hydronic [UH-1]	1	18	8325096
D3020	Boiler Room	Good	Boiler, Gas, HVAC [B-4]	1	29	8324906
D3020	Boiler Room	Fair	Boiler Supplemental Components, Expansion Tank	2	4	8325055
D3020	Boiler Room	Fair	Boiler Supplemental Components, Expansion Tank	1	4	8324919
D3020	Boiler Room	Good	Boiler, Gas, HVAC [Boiler-2]	1	29	8325200
D3020	Boiler Room	Good	Boiler, Gas, HVAC [B-3]	1	29	8325192



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UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D3020	Boiler Room	Good	Boiler, Gas, HVAC [B-1]	1	28	8325215
D3030	Roof	Good	Cooling Tower, (Typical) Open Circuit [CT]	1	23	8325010
D3030	Kitchen	Fair	Split System, Fan Coil Unit, DX, 1 to 1.5 TON	1	4	8324922
D3030	Throughout Building	Fair	Unit Ventilator, approx/nominal 3 Ton [UV-4]	102	4	8325144
D3030	Boiler Room	Good	Chiller, Water-Cooled [CH-1]	1	23	8325335
D3030	Roof	Poor	Split System Ductless, Single Zone	1	0	8325108
D3030	Roof	Fair	Split System, Condensing Unit/Heat Pump	1	4	8325268
D3030	Throughout Building	Fair	Unit Ventilator, approx/nominal 3 Ton	6	4	8325050
D3030	Roof	Poor	Split System Ductless, Single Zone	1	0	8325167
D3030	Stairwells	Poor	Unit Ventilator, approx/nominal 3 Ton	4	2	8325302
D3030	Boiler Room	Good	Chiller, Water-Cooled [CH-2]	1	23	8325323
D3050	Boiler Room	Good	Pump, Distribution, HVAC Chilled or Condenser Water [P-4]	1	23	8325137
D3050	Boiler Room	Good	Pump, Distribution, HVAC Heating Water	1	14	8325293
D3050	Gymnasium	Failed	Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM	1	0	8468996
D3050	Boiler Room	Good	Supplemental Components, Air Separator, HVAC	1	10	8325203
D3050	Boiler Room	Good	Pump, Distribution, HVAC Chilled or Condenser Water [P-2]	1	23	8325111
D3050	Boiler Room	Good	Pump, Distribution, HVAC Heating Water [B-4]	1	14	8325172
D3050	Boiler Room	Good	Pump, Distribution, HVAC Chilled or Condenser Water [P-3]	1	23	8325075
D3050	Gymnasium	Failed	Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM	1	0	8469534
D3050	Boiler Room	Good	Pump, Distribution, HVAC Heating Water	1	14	8324908
D3050	Boiler Room	Good	Pump, Distribution, HVAC Chilled or Condenser Water	1	23	8325217
D3050	Gymnasium	Failed	Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM	1	0	8469250
D3050	Throughout Building	Fair	HVAC System, Hydronic Piping, 4-Pipe	241,513 SF	10	8324926
D3050	Boiler Room	Good	Pump, Distribution, HVAC Chilled or Condenser Water [P-1]	1	23	8325093
D3050	Boiler Room	Good	Pump, Distribution, HVAC Heating Water	1	14	8325135

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UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D3050	Boiler Room	Good	Pump, Distribution, HVAC Chilled or Condenser Water [P-6]	1	23	8324982
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8324905
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325081
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8324945
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper [Area 7 Bath]	1	3	8324981
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325313
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 24" Damper	1	0	8325211
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 24" Damper	1	0	8325039
D3060	Roof	Good	Exhaust Fan, Centrifugal, 24" Damper [EF-1]	1	22	8325258
D3060	Roof	Fair	Exhaust Fan, Centrifugal, 12" Damper [Area 9]	1	8	8324916
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 24" Damper	1	0	8325022
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 24" Damper	1	0	8325247
D3060	Roof	Fair	Exhaust Fan, Centrifugal, 12" Damper [Area 7 Bath]	1	8	8324930
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 36"Damper	1	0	8325038
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8324900
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 24" Damper	1	0	8325013
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper [Area 4 Bath *]	1	3	8325084
D3060	Roof	Fair	Exhaust Fan, Centrifugal, 16" Damper [Area 5 Bath]	1	8	8325196
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325252
D3060	Roof	Good	Exhaust Fan, Centrifugal, 24" Damper [EF-1*]	1	22	8324964
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325239
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325091
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325278
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8324958
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8324954

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UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325218
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325045
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325303
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper [Area 7 Bath*]	1	3	8324957
D3060	Roof	Fair	Exhaust Fan, Centrifugal, 12" Damper [Area 3 Teachers*]	1	8	8325235
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 24" Damper	1	0	8325269
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325109
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325088
D3060	Roof	Failed	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325067
D3060	Roof	Failed	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325187
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325012
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325243
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325325
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8324998
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325226
D3060	Roof	Fair	Exhaust Fan, Centrifugal, 24" Damper	1	4	8325097
D3060	Roof	Fair	Exhaust Fan, Centrifugal, 12" Damper [Area 3 Teachers]	1	8	8325173
D3060	Roof	Fair	Exhaust Fan, Centrifugal, 24" Damper [Area 4 Bath ]	1	8	8325201
D3060	Roof	Poor	Exhaust Fan, Centrifugal, 12" Damper	1	0	8325176
Fire Protection						
D4010	Kitchen	Fair	Fire Suppression System, Commercial Kitchen, per LF of Hood	16 LF	4	8325112
D4030	Boiler Room	Fair	Fire Extinguisher, Type ABC, up to 20 LB	1	4	8325301
D4030	Auditorium	Good	Fire Extinguisher, Type ABC, up to 20 LB	4	8	8325202
D4030	Elevator Shafts/Utility	Good	Fire Extinguisher, Type ABC, up to 20 LB	2	8	8325128
D4030	Cafeteria	Good	Fire Extinguisher, Type ABC, up to 20 LB	1	8	8325229

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UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D4030	Throughout Building	Fair	Fire Extinguisher, Type ABC, up to 20 LB	1	5	8324993
D4030	Kitchen	Fair	Fire Extinguisher, Type ABC, up to 20 LB	1	5	8324991
D4030	2nd Floor Corridors	Fair	Fire Extinguisher, Type ABC, up to 20 LB	4	5	8325237
D4030	Boiler Room	Fair	Fire Extinguisher, Type ABC, up to 20 LB	1	4	8325321
D4030	Kitchen	Fair	Fire Extinguisher, Type ABC, up to 20 LB	1	6	8325204
Electrical						
D5020	Electrical Room	Fair	Switchboard, 277/480 V	1	4	8325174
D5020	Electrical Room	Fair	Secondary Transformer, Dry, Stepdown	1	4	8324953
D5020	Auditorium	Fair	Distribution Panel, 277/480 V	1	16	8325148
D5020	Electrical Room	Fair	Distribution Panel, 277/480 V [MDP]	1	15	8325123
D5020	Electrical Room	Fair	Distribution Panel, 277/480 V	1	4	8325145
D5020	Electrical Room	Fair	Distribution Panel, 277/480 V	1	4	8325083
D5030	Boiler Room	Good	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-4]	1	18	8325117
D5030	Boiler Room	Good	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-1]	1	18	8325078
D5030	Throughout Building	Fair	Electrical System, Wiring & Switches, Average or Low Density/Complexity	263,513 SF	4	8325181
D5030	Boiler Room	Good	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-6]	1	18	8325241
D5030	Boiler Room	Good	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-5]	1	18	8325161
D5030	Boiler Room	Good	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-4*]	1	18	8325129
D5030	Boiler Room	Good	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-2]	1	18	8325177
D5040	2nd Floor Corridors	Fair	Emergency & Exit Lighting, Exit Sign/Emergency Combo, LED	3	4	8325219
D5040	2nd Floor Corridors	Good	Emergency & Exit Lighting, Exit Sign/Emergency Combo, LED	1	8	8324967
D5040	Boiler Room	Fair	Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery	1	4	8325021
D5040	Cafeteria	Good	Emergency & Exit Lighting, Exit Sign, LED	5	8	8325025
D5040	Auditorium	Fair	Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery	15	5	8325189
D5040	NW4	Poor	Emergency & Exit Lighting, Exit Sign/Emergency Combo, LED	1	0	8325011



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UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D5040	Stairwells	Fair	Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery	4	4	8325298
D5040	Building Exterior	Good	Exterior Light, any type, w/ LED Replacement	4	18	8325210
D5040	Building Exterior	Good	Exterior Light, any type, w/ LED Replacement	3	18	8325087
D5040	Throughout Building	Fair	Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures	241,513 SF	10	8324934
D5040	Auditorium	Good	Emergency & Exit Lighting, Exit Sign, LED	6	8	8324970
D5040	Throughout Building	Good	Emergency & Exit Lighting, Exit Sign, LED	32	8	8324946
D5040	Building Exterior	Good	Exterior Light, any type, w/ LED Replacement	4	18	8325090
D5040	Throughout Building	Fair	Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery	32	4	8325023
D5040	Kitchen	Fair	Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery	1	5	8325338
Fire Alarm & Electronic Systems						
D7030	Throughout Building	Good	Security/Surveillance System, Full System Upgrade, Average Density	263,513 SF	10	8324923
D7050	Office Areas	Good	Fire Alarm Panel, Fully Addressable	1	13	8325018
D7050	Main Entrance	Good	Fire Alarm Panel, Annunciator	1	13	8449605
D7050	Throughout Building	Fair	Fire Alarm System, Full System Upgrade, Standard Addressable, Upgrade/Install	263,513 SF	10	8325334
D8010	Throughout Building	Good	BAS/HVAC Controls, Extensive/Robust BMS or Smart Building System, Upgrade/Install	241,513 SF	13	8325260
Equipment & Furnishings						
E1030	Kitchen	Fair	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	6	8325089
E1030	Kitchen	Good	Foodservice Equipment, Steamer, Tabletop	1	7	8325228
E1030	Kitchen	Good	Foodservice Equipment, Freezer, 2-Door Reach-In	1	10	8325283
E1030	Kitchen	Fair	Foodservice Equipment, Dairy Cooler/Wells	1	4	8324911
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Evaporator for Refrigerator/Freezer	1	5	8325270
E1030	Kitchen	Fair	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	1	5	8325016
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1	5	8325138
E1030	Kitchen	Good	Foodservice Equipment, Commercial Kitchen, 2-Bowl	1	21	8324943
E1030	Kitchen	Good	Foodservice Equipment, Steamer, Tabletop	1	7	8325295

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UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1	5	8324994
E1030	Kitchen	Good	Foodservice Equipment, Commercial Kitchen, 3-Bowl	1	21	8325017
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Single	1	4	8325308
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Single	1	4	8324912
E1030	Kitchen	Fair	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	7	8324996
E1030	Kitchen	Fair	Foodservice Equipment, Dairy Cooler/Wells	1	4	8325207
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1	5	8325064
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Single	1	4	8325282
E1030	Kitchen	Good	Foodservice Equipment, Ice maker, Freestanding	1	10	8325289
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Single	1	4	8325009
E1030	Kitchen	Fair	Foodservice Equipment, Freezer, 3-Door Reach-In	1	5	8324984
E1030	Kitchen	Fair	Foodservice Equipment, Freezer, 2-Door Reach-In	1	5	8325272
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Single	1	4	8324920
E1030	Kitchen	Fair	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	1	6	8325062
E1030	Kitchen	Failed	Foodservice Equipment, Dishwasher Commercial	1	0	8325107
E1030	Kitchen	Good	Foodservice Equipment, Steamer, Tabletop	1	7	8325223
E1030	Kitchen	Good	Foodservice Equipment, Commercial Kitchen, 2-Bowl	1	21	8325191
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Refrigerator	1	10	8325255
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Refrigerator	1	10	8325336
E1030	Kitchen	Fair	Foodservice Equipment, Freezer, 3-Door Reach-In	1	6	8325337
E1030	Kitchen	Good	Foodservice Equipment, Commercial Kitchen, 2-Bowl	1	21	8325184
E1030	Kitchen	Fair	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	1	9	8325310
E1030	Kitchen	Fair	Foodservice Equipment, Exhaust Hood, 8 to 10 LF	1	5	8325073
E1030	Kitchen	Good	Foodservice Equipment, Mixer, Tabletop	1	13	8325132
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Single	1	4	8325006

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UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
E1030	Kitchen	Fair	Foodservice Equipment, Freezer, 3-Door Reach-In	1	7	8325126
E1030	Kitchen	Fair	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	1	6	8325113
E1030	Kitchen	Fair	Foodservice Equipment, Slicer	1	5	8325288
E1030	Kitchen	Good	Foodservice Equipment, Steamer, Tabletop	1	7	8325251
E1030	Kitchen	Good	Foodservice Equipment, Commercial Kitchen, 1-Bowl	1	21	8325122
E1030	Kitchen	Good	Foodservice Equipment, Commercial Kitchen, 1-Bowl	1	20	8324962
E1040	Gymnasium	Fair	Healthcare Equipment, Defibrillator (AED), Cabinet-Mounted	1	5	8471093
E1040	Corridors	Fair	Healthcare Equipment, Defibrillator (AED), Cabinet-Mounted	1	5	8325143
E1070	Gymnasium	Fair	Gym Scoreboard, Electronic Standard	1	15	8469792
E2010	Auditorium	Fair	Fixed Seating, Courtroom/Church, Wood Benches/Pews	1,500 LF	15	8324914
E2010	Gymnasium	Fair	Bleachers, Telescoping Manual, 16 to 30 Tier (per Seat)	1,411	5	8325296
Pedestrian Plazas & Walkways						
G2030	Courtyard	Fair	Sidewalk, Concrete, Large Areas	17,000 SF	4	8325071
Athletic, Recreational & Playfield Areas						
G2050	Gymnasium	Fair	Sports Apparatus, Basketball, Backboard/Rim/Pole	6	4	8325208
Sitework						
G2060	Courtyard	Fair	Picnic Table, Metal Powder-Coated	3	4	8324936
G2060	Tennis Courts	Fair	Fences & Gates, Fence, Chain Link 8'	1,300 LF	4	8471346
Follow-up Studies						
P2030	Building Structure	Poor	Engineering Study, Structural, Superstructure, Evaluate/Report	1	0	8324985

## Appendix F:

### Replacement Reserves

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Replacement Reserves Report



10/22/2024

Uniformat Code	Location DescriptionID	Cost Description	Lifespan (EUL)	EAge	RUL	QuantityUnit	Unit Cost * Subtotal	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	Deficiency Repair Estimate
D3050	Throughout Building	8324926 HVAC System, Hydronic Piping, 4-Pipe, Replace	40	30	10	241513	SF \$8.00	\$1,932,104										\$1,932,104											\$1,932,104
D3050	Boiler Room	8325203 Supplemental Components, Air Separator, HVAC, Replace	15	5	10	1	EA \$7,300.00	\$7,300										\$7,300											\$7,300
D3050	Boiler Room	8325293 Pump, Distribution, HVAC Heating Water, Replace	15	1	14	1	EA \$5,100.00	\$5,100														\$5,100							\$5,100
D3050	Boiler Room	8325172 Pump, Distribution, HVAC Heating Water, Replace	15	1	14	1	EA \$5,100.00	\$5,100														\$5,100							\$5,100
D3050	Boiler Room	8324908 Pump, Distribution, HVAC Heating Water, Replace	15	1	14	1	EA \$5,100.00	\$5,100														\$5,100							\$5,100
D3050	Boiler Room	8325135 Pump, Distribution, HVAC Heating Water, Replace	15	1	14	1	EA \$5,100.00	\$5,100														\$5,100							\$5,100
D3050	Gymnasium	8469534 Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM, Replace	30	30	0	1	EA \$49,000.00	\$49,000	\$49,000																				\$49,000
D3050	Gymnasium	8469250 Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM, Replace	30	30	0	1	EA \$49,000.00	\$49,000	\$49,000																				\$49,000
D3050	Gymnasium	8468996 Air Handler, Interior AHU, Easy/Moderate Access, 10000 CFM, Replace	30	30	0	1	EA \$49,000.00	\$49,000	\$49,000																				\$49,000
D3060	Roof	8324905 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325081 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8324945 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325313 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325211 Exhaust Fan, Centrifugal, 24" Damper, Replace	25	25	0	1	EA \$3,000.00	\$3,000	\$3,000																				\$3,000
D3060	Roof	8325039 Exhaust Fan, Centrifugal, 24" Damper, Replace	25	25	0	1	EA \$3,000.00	\$3,000	\$3,000																				\$3,000
D3060	Roof	8325022 Exhaust Fan, Centrifugal, 24" Damper, Replace	25	25	0	1	EA \$3,000.00	\$3,000	\$3,000																				\$3,000
D3060	Roof	8325247 Exhaust Fan, Centrifugal, 24" Damper, Replace	25	25	0	1	EA \$3,000.00	\$3,000	\$3,000																				\$3,000
D3060	Roof	8325038 Exhaust Fan, Centrifugal, 36"Damper, Replace	25	25	0	1	EA \$5,600.00	\$5,600	\$5,600																				\$5,600
D3060	Roof	8324900 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325013 Exhaust Fan, Centrifugal, 24" Damper, Replace	25	25	0	1	EA \$3,000.00	\$3,000	\$3,000																				\$3,000
D3060	Roof	8325252 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325239 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325091 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325278 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8324958 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8324954 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325045 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325303 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325269 Exhaust Fan, Centrifugal, 24" Damper, Replace	25	25	0	1	EA \$3,000.00	\$3,000	\$3,000																				\$3,000
D3060	Roof	8325218 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325109 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325088 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325012 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325226 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325325 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8324998 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325243 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325176 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325067 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8325187 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	25	0	1	EA \$1,400.00	\$1,400	\$1,400																				\$1,400
D3060	Roof	8324981 Exhaust Fan, Roof or Wall-Mounted, 16" Damper, Replace	20	17	3	1	EA \$2,400.00	\$2,400			\$2,400																		\$2,400
D3060	Roof	8325084 Exhaust Fan, Roof or Wall-Mounted, 16" Damper, Replace	20	17	3	1	EA \$2,400.00	\$2,400			\$2,400																		\$2,400
D3060	Roof	8324957 Exhaust Fan, Roof or Wall-Mounted, 16" Damper, Replace	20	17	3	1	EA \$2,400.00	\$2,400			\$2,400																		\$2,400
D3060	Roof	8325097 Exhaust Fan, Centrifugal, 24" Damper, Replace	25	21	4	1	EA \$3,000.00	\$3,000				\$3,000																	\$3,000
D3060	Roof	8325173 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	17	8	1	EA \$1,400.00	\$1,400							\$1,400														\$1,400
D3060	Roof	8325235 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	17	8	1	EA \$1,400.00	\$1,400							\$1,400														\$1,400
D3060	Roof	8324930 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	17	8	1	EA \$1,400.00	\$1,400							\$1,400														\$1,400
D3060	Roof	8324916 Exhaust Fan, Centrifugal, 12" Damper, Replace	25	17	8	1	EA \$1,400.00	\$1,400							\$1,400														\$1,400
D3060	Roof	8325196 Exhaust Fan, Centrifugal, 16" Damper, Replace	25	17	8	1	EA \$2,400.00	\$2,400							\$2,400														\$2,400
D3060	Roof	8325201 Exhaust Fan, Centrifugal, 24" Damper, Replace	25	17	8	1	EA \$2,400.00	\$2,400							\$2,400														\$2,400
D4010	Kitchen	8325112 Fire Suppression System, Commercial Kitchen, per LF of Hood, Replace	20	16	4	16	LF \$400.00	\$6,400				\$6,400																	\$6,400
D4030	Boiler Room	8325321 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	6	4	1	EA \$150.00	\$150				\$150										\$150							\$300
D4030	Boiler Room	8325301 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	6	4	1	EA \$150.00	\$150				\$150										\$150							\$300



Replacement Reserves Report



10/22/2024

Uniformat Code	Location DescriptionID	Cost Description	Lifespan (EUL)	EAge	RUL	QuantityUnit	Unit Cost * Subtotal	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	Deficiency Repair Estimate
D4030	Throughout Building	8324993 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	5	5	1 EA	\$150.00 \$150						\$150										\$150						\$300
D4030	Kitchen	8324991 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	5	5	1 EA	\$150.00 \$150						\$150										\$150						\$300
D4030	2nd Floor Corridors	8325237 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	5	5	4 EA	\$150.00 \$600						\$600										\$600						\$1,200
D4030	Kitchen	8325204 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	4	6	1 EA	\$150.00 \$150							\$150										\$150					\$300
D4030	Elevator Shafts/Utility	8325128 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	2	8	2 EA	\$150.00 \$300									\$300										\$300			\$600
D4030	Cafeteria	8325229 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	2	8	1 EA	\$150.00 \$150									\$150									\$150				\$300
D4030	Auditorium	8325202 Fire Extinguisher, Type ABC, up to 20 LB, Replace	10	2	8	4 EA	\$150.00 \$600									\$600									\$600				\$1,200
D5020	Electrical Room	8324953 Secondary Transformer, Dry, Stepdown, Replace	30	26	4	1 EA	\$7,600.00 \$7,600					\$7,600																	\$7,600
D5020	Electrical Room	8325174 Switchboard, 277/480 V, Replace	40	36	4	1 EA	\$90,000.00 \$90,000					\$90,000																	\$90,000
D5020	Electrical Room	8325083 Distribution Panel, 277/480 V, Replace	30	26	4	1 EA	\$7,000.00 \$7,000					\$7,000																	\$7,000
D5020	Electrical Room	8325145 Distribution Panel, 277/480 V, Replace	30	26	4	1 EA	\$7,000.00 \$7,000					\$7,000																	\$7,000
D5020	Electrical Room	8325123 Distribution Panel, 277/480 V, Replace	30	15	15	1 EA	\$14,000.00 \$14,000																\$14,000						\$14,000
D5020	Auditorium	8325148 Distribution Panel, 277/480 V, Replace	30	14	16	1 EA	\$5,300.00 \$5,300																	\$5,300					\$5,300
D5030	Throughout Building	8325181 Electrical System, Wiring & Switches, Average or Low Density/Complexity, Replace	40	36	4	263513 SF	\$2.50 \$658,783					\$658,783																	\$658,783
D5030	Boiler Room	8325117 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	2	18	1 EA	\$35,000.00 \$35,000																			\$35,000			\$35,000
D5030	Boiler Room	8325078 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	2	18	1 EA	\$8,800.00 \$8,800																			\$8,800			\$8,800
D5030	Boiler Room	8325241 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	2	18	1 EA	\$12,400.00 \$12,400																			\$12,400			\$12,400
D5030	Boiler Room	8325161 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	2	18	1 EA	\$12,400.00 \$12,400																			\$12,400			\$12,400
D5030	Boiler Room	8325129 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	2	18	1 EA	\$35,000.00 \$35,000																			\$35,000			\$35,000
D5030	Boiler Room	8325177 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	2	18	1 EA	\$8,800.00 \$8,800																			\$8,800			\$8,800
D5040	NW4	8325011 Emergency & Exit Lighting, Exit Sign/Emergency Combo, LED, Replace	10	10	0	1 EA	\$300.00 \$300	\$300										\$300									\$300		\$900
D5040	Throughout Building	8325023 Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery, Replace	10	6	4	32 EA	\$220.00 \$7,040					\$7,040										\$7,040							\$14,080
D5040	Stairwells	8325298 Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery, Replace	10	6	4	4 EA	\$220.00 \$880					\$880										\$880							\$1,760
D5040	Boiler Room	8325021 Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery, Replace	10	6	4	1 EA	\$220.00 \$220					\$220										\$220							\$440
D5040	2nd Floor Corridors	8325219 Emergency & Exit Lighting, Exit Sign/Emergency Combo, LED, Replace	10	6	4	3 EA	\$300.00 \$900					\$900										\$900							\$1,800
D5040	Auditorium	8325189 Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery, Replace	10	5	5	15 EA	\$220.00 \$3,300						\$3,300										\$3,300						\$6,600
D5040	Kitchen	8325338 Emergency & Exit Lighting, Emergency Light Pack, 2 Light w/ Battery, Replace	10	5	5	1 EA	\$220.00 \$220						\$220										\$220						\$440
D5040	Throughout Building	8324946 Emergency & Exit Lighting, Exit Sign, LED, Replace	10	2	8	32 EA	\$220.00 \$7,040									\$7,040										\$7,040			\$14,080
D5040	Cafeteria	8325025 Emergency & Exit Lighting, Exit Sign, LED, Replace	10	2	8	5 EA	\$220.00 \$1,100									\$1,100										\$1,100			\$2,200
D5040	Auditorium	8324970 Emergency & Exit Lighting, Exit Sign, LED, Replace	10	2	8	6 EA	\$220.00 \$1,320									\$1,320										\$1,320			\$2,640
D5040	2nd Floor Corridors	8324967 Emergency & Exit Lighting, Exit Sign/Emergency Combo, LED, Replace	10	2	8	1 EA	\$300.00 \$300										\$300									\$300			\$600
D5040	Throughout Building	8324934 Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures, Replace	20	10	10	241513 SF	\$4.50 \$1,086,809											\$1,086,809											\$1,086,809
D5040	Building Exterior	8325210 Exterior Light, any type, w/ LED Replacement, Replace	20	2	18	4 EA	\$800.00 \$3,200																			\$3,200			\$3,200
D5040	Building Exterior	8325087 Exterior Light, any type, w/ LED Replacement, Replace	20	2	18	3 EA	\$800.00 \$2,400																			\$2,400			\$2,400
D5040	Building Exterior	8325090 Exterior Light, any type, w/ LED Replacement, Replace	20	2	18	4 EA	\$800.00 \$3,200																			\$3,200			\$3,200
D7030	Throughout Building	8324923 Security/Surveillance System, Full System Upgrade, Average Density, Replace	15	5	10	263513 SF	\$2.00 \$527,026											\$527,026											\$527,026
D7050	Throughout Building	8325334 Fire Alarm System, Full System Upgrade, Standard Addressable, Upgrade/Install	20	10	10	263513 SF	\$3.00 \$790,539											\$790,539											\$790,539
D7050	Main Entrance	8449605 Fire Alarm Panel, Annunciator, Replace	15	2	13	1 EA	\$1,580.00 \$1,580													\$1,580									\$1,580
D7050	Office Areas	8325018 Fire Alarm Panel, Fully Addressable, Replace	15	2	13	1 EA	\$15,000.00 \$15,000													\$15,000									\$15,000
D8010	Throughout Building	8325260 BAS/HVAC Controls, Extensive/Robust BMS or Smart Building System, Upgrade/Install	15	2	13	241513 SF	\$6.00 \$1,449,078													\$1,449,078									\$1,449,078
E1030	Kitchen	8325107 Foodservice Equipment, Dishwasher Commercial, Replace	10	10	0	1 EA	\$21,500.00 \$21,500	\$21,500										\$21,500									\$21,500		\$64,500
E1030	Kitchen	8325006 Foodservice Equipment, Convection Oven, Single, Replace	10	6	4	1 EA	\$5,600.00 \$5,600					\$5,600										\$5,600							\$11,200
E1030	Kitchen	8324920 Foodservice Equipment, Convection Oven, Single, Replace	10	6	4	1 EA	\$5,600.00 \$5,600					\$5,600										\$5,600							\$11,200
E1030	Kitchen	8325009 Foodservice Equipment, Convection Oven, Single, Replace	10	6	4	1 EA	\$5,600.00 \$5,600					\$5,600										\$5,600							\$11,200
E1030	Kitchen	8325282 Foodservice Equipment, Convection Oven, Single, Replace	10	6	4	1 EA	\$5,600.00 \$5,600					\$5,600										\$5,600							\$11,200
E1030	Kitchen	8325308 Foodservice Equipment, Convection Oven, Single, Replace	10	6	4	1 EA	\$5,600.00 \$5,600					\$5,600										\$5,600							\$11,200
E1030	Kitchen	8324912 Foodservice Equipment, Convection Oven, Single, Replace	10	6	4	1 EA	\$5,600.00 \$5,600					\$5,600										\$5,600							\$11,200
E1030	Kitchen	8325207 Foodservice Equipment, Dairy Cooler/Wells, Replace	15	11	4	1 EA	\$3,600.00 \$3,600					\$3,600															\$3,600		\$7,200
E1030	Kitchen	8324911 Foodservice Equipment, Dairy Cooler/Wells, Replace	15	11	4	1 EA	\$3,600.00 \$3,600					\$3,600															\$3,600		\$7,200
E1030	Kitchen	8325288 Foodservice Equipment, Slicer, Replace	10	5	5	1 EA	\$3,200.00 \$3,200						\$3,200										\$3,200						\$6,400
E1030	Kitchen	8325073 Foodservice Equipment, Exhaust Hood, 8 to 10 LF, Replace	15	10	5	1 EA	\$4,500.00 \$4,500						\$4,500														\$4,500		\$9,000
E1030	Kitchen	8325272 Foodservice Equipment, Freezer, 2-Door Reach-In, Replace	15	10	5	1 EA	\$5,100.00 \$5,100						\$5,100														\$5,100		\$10,200
E1030	Kitchen	8324984 Foodservice Equipment, Freezer, 3-Door Reach-In, Replace	15	10	5	1 EA	\$6,800.00 \$6,800						\$6,800														\$6,800		\$13,600





10/22/2024

Unif	mat Code	Location	Description	ID	Cost Description	Lifespan (EUL)	E	Age	RUL	Quantity	Unit	Unit Cost	*Subtotal	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	Deficiency Repair Estimate
G2060		Site General		8325274	Flagpole, Metal, Replace	30		26	4	1	EA	\$2,500.00	\$2,500					\$2,500																	\$2,500
G2060		Site		8325015	Signage, Property, Pylon Standard, Replace/Install	20		16	4	1	EA	\$9,500.00	\$9,500					\$9,500																	\$9,500
G4050		Site		8325331	Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, Replace/Install	20		10	10	6	EA	\$4,000.00	\$24,000										\$24,000												\$24,000
Totals, Unescalated														\$3,000	\$339,075	\$0	\$63,000	\$34,350	\$79,500	\$0	\$0	\$63,000	\$0	\$76,500	\$75	\$0	\$63,000	\$0	\$104,980	\$0	\$0	\$63,000	\$0	\$72,000	\$961,480
Totals, Escalated (3.0% inflation, compounded annually)														\$3,000	\$349,247	\$0	\$68,842	\$38,661	\$92,162	\$0	\$0	\$79,807	\$0	\$102,810	\$104	\$0	\$92,518	\$0	\$163,555	\$0	\$0	\$107,253	\$0	\$130,040	\$1,227,999

## Appendix G:

### Equipment Inventory List

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D10 Conveying													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	8325063	D1010	Elevator Controls	Automatic, 1 Car	2500 LBS	Wooddale High School / Classroom Addition	Classroom Addition	Otis	ABA21241U	3321009	2010		
2	8324979	D1010	Elevator Controls [1]	Automatic, 1 Car	2500 LB	Wooddale High School / High School	Main Building	Icon	No dataplate	No dataplate	2003		
3	8325058	D1010	Passenger Elevator	Hydraulic, 2 Floors	2500 LB	Wooddale High School / Classroom Addition	Classroom Addition	Otis	No dataplate	No dataplate	2010		
4	8325188	D1010	Passenger Elevator [1]	Hydraulic, 2 Floors	2500 LB	Wooddale High School / High School	Main Building	Thyssen Krupp	EP07020	EW2005	2007		
5	8325149	D1010	Vertical Lift	Wheelchair, 5' Rise	750 LBS	Wooddale High School / High School	Auditorium	Gavrenta	No dataplate	No dataplate			
6	8325085	D1010	Vertical Lift	Wheelchair, 5' Rise	750 LBS	Wooddale High School / High School	Library	Garaventa	GVL-OP-42	36758A	2007		
D20 Plumbing													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	8324997	D2010	Storage Tank	Domestic Water	200 GAL	Wooddale High School / High School	Boiler Room	Bradford	M3ST200R5A	NF37907035	2007		
2	8325133	D2010	Storage Tank	Domestic Water	200 GAL	Wooddale High School / High School	Boiler Room	Bradford White	M3ST200R5A	NF37907034	1967		
3	8325213	D2010	Boiler	Gas, Domestic	726 MBH	Wooddale High School / High School	Boiler Room	Raypak	Illegible	Illegible	2000		
4	8325183	D2010	Boiler	Gas, Domestic	715 MBH	Wooddale High School / High School	Boiler Room	Telledyne Laars	PW 0715 IN 09 K 1 A C JX	C00A00177	2000		
5	8324956	D2010	Pump	Circulation, Domestic Water	.5 HP	Wooddale High School / High School	Boiler Room	Grundfos	Illegible	Illegible	1967		

6	8324935	D2010	Pump	Circulation, Domestic Water	.5 HP	Wooddale High School / High School	Boiler Room	Grundfos	Illegible		Illegible	1967		
7	8325031	D2010	Pump	Circulation, Domestic Water	.5 HP	Wooddale High School / High School	Boiler Room	Grundfos	No dataplate		No dataplate	2000		
8	8325230	D2010	Pump	Circulation, Domestic Water	.5 HP	Wooddale High School / High School	Boiler Room	Grundfos	Illegible		Illegible	2000		
9	8324913	D2010	Pump	Circulation, Domestic Water	.5 HP	Wooddale High School / High School	Boiler Room	Grundfos	Illegible		Illegible	2000		
10	8325318	D2010	Pump	Circulation, Domestic Water	.5 HP	Wooddale High School / High School	Boiler Room	Grundfos	Illegible		Illegible	2000		
11	8325154	D2010	Pump	Circulation, Domestic Water	.5 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Illegible		Illegible	2000		
12	8325311	D2010	Backflow Preventer	Domestic Water	1 IN	Wooddale High School / High School	Boiler Room	Watts	No dataplate		No dataplate			
D30 HVAC														
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model		Serial	Dataplate Yr	Barcode	Qty
1	8325215	D3020	Boiler [B-1]	Gas, HVAC	4999 MBH	Wooddale High School / High School	Boiler Room	Lochinvar	FBN5001		2226 130030132	2022		
2	8325192	D3020	Boiler [B-3]	Gas, HVAC	4000 MBH	Wooddale High School / High School	Boiler Room	Lochinvar	PBN4000		2225 129960140	2023		
3	8324906	D3020	Boiler [B-4]	Gas, HVAC	4000 MBH	Wooddale High School / High School	Boiler Room	Lochinvar	PBN4000		2225 129960142	2023		
4	8325200	D3020	Boiler [Boiler-2]	Gas, HVAC	4000 MBH	Wooddale High School / High School	Boiler Room	Lochinvar	PBN4000		2333 135205209	2023		
5	8325096	D3020	Unit Heater [UH-1]	Hydronic	150 MBH	Wooddale High School / High School	Boiler Room	Inaccessible	Inaccessible		Inaccessible	2022		
6	8325055	D3020	Boiler Supplemental Components	Expansion Tank	150 GAL	Wooddale High School / High School	Boiler Room	Inaccessible	Inaccessible		Inaccessible	1967		2
7	8324919	D3020	Boiler Supplemental Components	Expansion Tank	150 GAL	Wooddale High School / High School	Boiler Room	Inaccessible	Inaccessible		Inaccessible	1967		

8	8325327	D3020	Boiler Supplemental Components	Expansion Tank, 50 GAL	50 GAL	Wooddale High School / High School	Boiler Room	Wessels Company	No dataplate	No dataplate	50	
9	8325335	D3030	Chiller [CH-1]	Water-Cooled	60 TON	Wooddale High School / High School	Boiler Room	Daikon Industries	WMC060DD SNA	STNU220700039	2022	
10	8325323	D3030	Chiller [CH-2]	Water-Cooled	60 TON	Wooddale High School / High School	Boiler Room	Daikon Industries	WMC060DD SNA	STNU220700038	2022	
11	8325010	D3030	Cooling Tower [CT]	(Typical) Open Circuit	454 TON	Wooddale High School / High School	Roof	Reymsa	RT-1522410-B-LS	147M3P1142122 435937	2022	
12	8325268	D3030	Split System	Condensing Unit/Heat Pump	15 TON	Wooddale High School / High School	Roof	Ruud	RAWE-180DAZ	6699F020904581	2009	
13	8324922	D3030	Split System	Fan Coil Unit, DX, 1 to 1.5 TON	750 CFM	Wooddale High School / High School	Kitchen	Inaccessible	Inaccessible	Inaccessible	1999	
14	8325108	D3030	Split System Ductless	Single Zone	2 TON	Wooddale High School / High School	Roof	EMI	Illegible	Illegible		
15	8325167	D3030	Split System Ductless	Single Zone	2 TON	Wooddale High School / High School	Roof	EMI	Illegible	Illegible		
16	8325050	D3030	Unit Ventilator	approx/nominal 3 Ton	751 CFM	Wooddale High School / High School	Throughout Building	Trane	Inaccessible	Inaccessible	1999	6
17	8325302	D3030	Unit Ventilator	approx/nominal 3 Ton	751 CFM	Wooddale High School / High School	Stairwells	Trane	VUVB07511G0ACA920S014AA1B00	W99C15333**	1999	4
18	8325144	D3030	Unit Ventilator [UV-4]	approx/nominal 3 Ton	751 CFM	Wooddale High School / High School	Throughout Building	Trane	VUVB07511G0ACA920S014AA1B00	W99C15333	1999	102
19	8325217	D3050	Pump	Distribution, HVAC Chilled or Condenser Water	25 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Illegible	Illegible	2022	
20	8325293	D3050	Pump	Distribution, HVAC Heating Water	3 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Inaccessible	Inaccessible	2023	
21	8324908	D3050	Pump	Distribution, HVAC Heating Water	3 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Inaccessible	Inaccessible	2023	
22	8325135	D3050	Pump	Distribution, HVAC Heating Water	3 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Inaccessible	Inaccessible*	2023	

23	8325172	D3050	Pump [B-4]	Distribution, HVAC Heating Water	3 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Inaccessible	Inaccessible	2023
24	8325093	D3050	Pump [P-1]	Distribution, HVAC Chilled or Condenser Water	15 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Illegible	Illegible	2022
25	8325111	D3050	Pump [P-2]	Distribution, HVAC Chilled or Condenser Water	15 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Illegible	Illegible	2022
26	8325075	D3050	Pump [P-3]	Distribution, HVAC Chilled or Condenser Water	100 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Illegible	C336135-01 J22	2022
27	8325137	D3050	Pump [P-4]	Distribution, HVAC Chilled or Condenser Water	100 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Illegible	C336135-02J2	2022
28	8324982	D3050	Pump [P-6]	Distribution, HVAC Chilled or Condenser Water	25 HP	Wooddale High School / High School	Boiler Room	Bell & Gossett	Illegible	C336134-02 L22	2022
29	8468996	D3050	Air Handler	Interior AHU, Easy/Moderate Access, 10000 CFM	10,000 CFM	Wooddale High School / High School	Gymnasium	Inaccessible	Inaccessible	Inaccessible	1967
30	8469534	D3050	Air Handler	Interior AHU, Easy/Moderate Access, 10000 CFM	10,000 CFM	Wooddale High School / High School	Gymnasium	Inaccessible	Inaccessible	Inaccessible	1967
31	8469250	D3050	Air Handler	Interior AHU, Easy/Moderate Access, 10000 CFM	10,000 CFM	Wooddale High School / High School	Gymnasium	Inaccessible	Inaccessible	Inaccessible	1967
32	8325170	D3050	Make-Up Air Unit	MUA or MAU, 2000 to 6000 CFM	6000 CFM	Wooddale High School / Classroom Addition	Classroom Addition	Micro Metal	EVEGCCD4100F0AK	No dataplate	2010
33	8325001	D3050	Make-Up Air Unit	MUA or MAU, 2000 to 6000 CFM	6000 CFM	Wooddale High School / Classroom Addition	Classroom Addition	Micro Metal	EVEGCCD4100F0AK	No dataplate	2010
34	8325020	D3050	Packaged Unit [East Hall]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J12ZRE36N4BAA4B	N1A0485130	2010
35	8325175	D3050	Packaged Unit [Room 10]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516102	2010
36	8324966	D3050	Packaged Unit [Room 11]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516103	2010

37	8325047	D3050	<b>Packaged Unit</b> [Room 12]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0515398	2010
38	8325131	D3050	<b>Packaged Unit</b> [Room 13]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516109	2010
39	8325049	D3050	<b>Packaged Unit</b> [Room 14]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0515397	2010
40	8325253	D3050	<b>Packaged Unit</b> [Room 15]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516112	2010
41	8325034	D3050	<b>Packaged Unit</b> [Room 16]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0515399	2010
42	8325236	D3050	<b>Packaged Unit</b> [Room 17]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0515400	2010
43	8325284	D3050	<b>Packaged Unit</b> [Room 38]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N9516105	2010
44	8325118	D3050	<b>Packaged Unit</b> [Room 39]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0515394	2010
45	8325214	D3050	<b>Packaged Unit</b> [Room 40]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516111	2010
46	8325014	D3050	<b>Packaged Unit</b> [Room 41]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0515104	2010
47	8325152	D3050	<b>Packaged Unit</b> [Room 42]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516101	2010



48	8325309	D3050	Packaged Unit [Room 43]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516110	2010
49	8325276	D3050	Packaged Unit [Room 44]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516106	2010
50	8325027	D3050	Packaged Unit [Room 45]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0515396	2010
51	8325106	D3050	Packaged Unit [Room 46]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516107	2010
52	8325056	D3050	Packaged Unit [Room 47 ]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0515395	2010
53	8325070	D3050	Packaged Unit [Room 8]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516113	2010
54	8325068	D3050	Packaged Unit [Room 9]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J03ZRE10U4AAB1C	N1A0516108	2010
55	8325212	D3050	Packaged Unit [West Hall]	RTU, Pad or Roof-Mounted	3 TON	Wooddale High School / Classroom Addition	Classroom Addition	York	J12ZRE36N4BAA4B	N1A0485131	2010
56	8324905	D3060	Exhaust Fan	Centrifugal, 12" Damper 2500 CFM		Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate***	1967
57	8325081	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM		Wooddale High School / High School	Roof	PVC	DRX	Illegible*****	1967
58	8324945	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM		Wooddale High School / High School	Roof	PVC	DRX	Illegible*****	1967
59	8325313	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM		Wooddale High School / High School	Roof	PVC	DRX	Illegible	1967
60	8324900	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM		Wooddale High School / High School	Roof	Illegible	DRX	Illegible	1967

61	8325252	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	PVC	DRX	Illegible**	1967
62	8325239	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate	1967
63	8325091	D3060	Exhaust Fan	Centrifugal, 12" Damper 2500 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate****	1967
64	8325278	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	PVC	DRX	Illegible*****	1967
65	8324958	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	Illegible	DRX	Illegible	1967
66	8324954	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	Illegible	No dataplate	No dataplate	1967
67	8325218	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	PVC	DRX	Illegible	1967
68	8325045	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	Illegible	DRX	Illegible	1967
69	8325303	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate	1967
70	8325109	D3060	Exhaust Fan	Centrifugal, 12" Damper 2500 CFM	Wooddale High School / High School	Roof	PVC	DRX	Illegible	1967
71	8325088	D3060	Exhaust Fan	Centrifugal, 12" Damper 2500 CFM	Wooddale High School / High School	Roof	PVC	DRX	Illegible*	1967
72	8325067	D3060	Exhaust Fan	Centrifugal, 12" Damper 2500 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate*	1967
73	8325187	D3060	Exhaust Fan	Centrifugal, 12" Damper 2500 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate**	1967
74	8325012	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	PVC	DRX	Illegible*****	1967
75	8325243	D3060	Exhaust Fan	Centrifugal, 12" Damper 300 CFM	Wooddale High School / High School	Roof	PVC	DRX	Illegible	1967

76	8325325	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	Illegible	DRX	Illegible	1967
77	8324998	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	PVC	DRX	Illegible	1967
78	8325226	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate	1967
79	8325176	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	Illegible	DRX	Illegible	1967
80	8325211	D3060	Exhaust Fan	Centrifugal, 24" Damper 2500 CFM	Wooddale High School / High School	Roof	Illegible	No dataplate	Illegible**	1983
81	8325039	D3060	Exhaust Fan	Centrifugal, 24" Damper 2500 CFM	Wooddale High School / High School	Roof	Illegible	No dataplate	Illegible*	1983
82	8325022	D3060	Exhaust Fan	Centrifugal, 24" Damper 2500 CFM	Wooddale High School / High School	Roof	Illegible	No dataplate	Illegible	1983
83	8325247	D3060	Exhaust Fan	Centrifugal, 24" Damper 2500 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate*	1983
84	8325013	D3060	Exhaust Fan	Centrifugal, 24" Damper 2500 CFM	Wooddale High School / High School	Roof	Illegible	No dataplate	Illegible***	1983
85	8325269	D3060	Exhaust Fan	Centrifugal, 24" Damper 2500 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate**	1983
86	8325097	D3060	Exhaust Fan	Centrifugal, 24" Damper 2500 CFM	Wooddale High School / High School	Roof	No dataplate	No dataplate	No dataplate	1967
87	8325038	D3060	Exhaust Fan	Centrifugal, 36"Damper 9000 CFM	Wooddale High School / High School	Roof	Illegible	No dataplate	Illegible****	1983
88	8325173	D3060	Exhaust Fan [Area 3 Teachers]	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	Cook	490 AGEM	2236930939-00/0033701	2007
89	8325235	D3060	Exhaust Fan	Centrifugal, 12" Damper 150 CFM	Wooddale High School / High School	Roof	Cook	490 AGEM	2239930939-00/0032701	2007
90	8325201	D3060	Exhaust Fan [Area 4 Bath ]	Centrifugal, 24" Damper 1500 CFM	Wooddale High School / High School	Roof	Cook	165 ACE 165C2B	2235930939-00/0034701	2007

91	8325084	D3060	Exhaust Fan	Roof or Wall-Mounted, 16" Damper	1500 CFM	Wooddale High School / High School	Roof	Cook	1:165 ACE 16502B	223\$930939-00/0035801	2007		
92	8325196	D3060	Exhaust Fan [Area 5 Bath]	Centrifugal, 16" Damper	1500 CFM	Wooddale High School / High School	Roof	Cook	165 ACE 165C2B	2238930939-00/0037001	2007		
93	8324930	D3060	Exhaust Fan [Area 7 Bath]	Centrifugal, 12" Damper	1500 CFM	Wooddale High School / High School	Roof	Cook	L:70 ACEM 70C15DM	2235930939-00/0041601	2007		
94	8324981	D3060	Exhaust Fan [Area 7 Bath]	Roof or Wall-Mounted, 16" Damper	1500 CFM	Wooddale High School / High School	Roof	Cook	L:165. ACE	162238930939-00/0038201	2007		
95	8324957	D3060	Exhaust Fan	Roof or Wall-Mounted, 16" Damper	1500 CFM	Wooddale High School / High School	Roof	Cook	\$165 ACE	2235930939-00/00 2401	2007		
96	8324916	D3060	Exhaust Fan [Area 9]	Centrifugal, 12" Damper	1500 CFM	Wooddale High School / High School	Roof	Cook	0 ACEM 70C15DM	=223S930939-00/0040601	2007		
97	8325258	D3060	Exhaust Fan [EF-1]	Centrifugal, 24" Damper	3000 CFM	Wooddale High School / High School	Roof	Greenheck	CUE-200-0-7-YGD-1-30-X	2141	2021		
98	8324964	D3060	Exhaust Fan	Centrifugal, 24" Damper	3000 CFM	Wooddale High School / High School	Roof	Greenheck	CUE-200-0-7-YGD-1-30-X	2141*	2021		
D40 Fire Protection													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	8325112	D4010	Fire Suppression System	Commercial Kitchen, per LF of Hood		Wooddale High School / High School	Kitchen				1967		16
2	8325301	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	Boiler Room				2015		
3	8325202	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	Auditorium				2022		4
4	8325128	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	Elevator Shafts/Utility				2022		2
5	8325229	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	Cafeteria				2022		
6	8324993	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	Throughout Building						

7	8324991	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	Kitchen							
8	8325190	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / Classroom Addition	Classroom Addition				2022		12	
9	8325237	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	2nd Floor Corridors				2019		4	
10	8325321	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	Boiler Room				2007			
11	8325204	D4030	Fire Extinguisher	Type ABC, up to 20 LB		Wooddale High School / High School	Kitchen				2020			
D50 Electrical														
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model		Serial	Dataplate Yr	Barcode	Qty
1	8324953	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Wooddale High School / High School	Electrical Room	Westinghouse	DT-3		8702279	1967		
2	8325141	D5020	Secondary Transformer	Dry, Stepdown	30 KVA	Wooddale High School / Classroom Addition	Classroom Addition	Siemens	3F3Y030TP1W		0009	2010		
3	8325174	D5020	Switchboard	277/480 V	4000 AMP	Wooddale High School / High School	Electrical Room	ITE Electric	No dataplate		No dataplate	1967		
4	8325077	D5020	Switchboard [Main]	277/480 V	1200 AMP	Wooddale High School / Classroom Addition	Classroom Addition	Siemens	P5		No dataplate	2010		
5	8325148	D5020	Distribution Panel	277/480 V	600 AMP	Wooddale High School / High School	Auditorium	Square D	NQ		No dataplate	2010		
6	8325145	D5020	Distribution Panel	277/480 V	600 AMP	Wooddale High School / High School	Electrical Room	ITE Electric	P5E60ML101FTS		No dataplate	1967		
7	8325083	D5020	Distribution Panel	277/480 V	600 AMP	Wooddale High School / High School	Electrical Room	ITE Electric	P5E60ML101FTS		No dataplate	1967		
8	8324949	D5020	Distribution Panel [HWH1]	277/480 V	1200 AMP	Wooddale High School / Classroom Addition	Classroom Addition	Siemens	P2		No dataplate	2010		



9	8325320	D5020	Distribution Panel [HWH1 section 2]	277/480 V	1200 AMP	Wooddale High School / Classroom Addition	Classroom Addition	Siemens	P2	No dataplate	2010	
10	8325123	D5020	Distribution Panel [MDP]	277/480 V	1000 AMP	Wooddale High School / High School	Electrical Room	Siemens	P5E60ML101FTS	No dataplate	2009	
11	8325078	D5030	Variable Frequency Drive [VFD-1]	VFD, by HP of Motor	25 HP	Wooddale High School / High School	Boiler Room	ABB	ACH580-VCR-023A-4+F267	2225100509	2022	
12	8325177	D5030	Variable Frequency Drive [VFD-2]	VFD, by HP of Motor	25 HP	Wooddale High School / High School	Boiler Room	ABB	ACH580-VCR-023A-4+ F267	2225100496	2022	
13	8325117	D5030	Variable Frequency Drive [VFD-4]	VFD, by HP of Motor	25 HP	Wooddale High School / High School	Boiler Room	ABB	ACH580-BCR-124A-4+F267	2230500646	2022	
14	8325129	D5030	Variable Frequency Drive	VFD, by HP of Motor	25 HP	Wooddale High School / High School	Boiler Room	ABB	ACH580-BCR-124A-4+F267	No dataplate	2022	
15	8325161	D5030	Variable Frequency Drive [VFD-5]	VFD, by HP of Motor	25 HP	Wooddale High School / High School	Boiler Room	ABB	ACH580-VCR-034A-4+ F267	2224704471	2022	
16	8325241	D5030	Variable Frequency Drive [VFD-6]	VFD, by HP of Motor	25 HP	Wooddale High School / High School	Boiler Room	ABB	ACH580-VCR-034A-4+ F267	2224704470.	2022	
17	8325021	D5040	Emergency & Exit Lighting	Emergency Light Pack, 2 Light w/ Battery		Wooddale High School / High School	Boiler Room				2007	
18	8325189	D5040	Emergency & Exit Lighting	Emergency Light Pack, 2 Light w/ Battery		Wooddale High School / High School	Auditorium				2019	15
19	8325298	D5040	Emergency & Exit Lighting	Emergency Light Pack, 2 Light w/ Battery		Wooddale High School / High School	Stairwells				2007	4
20	8325333	D5040	Emergency & Exit Lighting	Emergency Light Pack, 2 Light w/ Battery		Wooddale High School / Classroom Addition	Classroom Addition				2010	24
21	8325023	D5040	Emergency & Exit Lighting	Emergency Light Pack, 2 Light w/ Battery		Wooddale High School / High School	Throughout Building				2010	32
22	8325338	D5040	Emergency & Exit Lighting	Emergency Light Pack, 2 Light w/ Battery		Wooddale High School / High School	Kitchen					

23	8325025	D5040	Emergency & Exit Lighting	Exit Sign, LED		Wooddale High School / High School	Cafeteria				2022	5	
24	8324910	D5040	Emergency & Exit Lighting	Exit Sign, LED		Wooddale High School / Classroom Addition	Classroom Addition				2010	15	
25	8324970	D5040	Emergency & Exit Lighting	Exit Sign, LED		Wooddale High School / High School	Auditorium				2022	6	
26	8324946	D5040	Emergency & Exit Lighting	Exit Sign, LED		Wooddale High School / High School	Throughout Building				2022	32	
27	8325219	D5040	Emergency & Exit Lighting	Exit Sign/Emergency Combo, LED		Wooddale High School / High School	2nd Floor Corridors				2010	3	
28	8324967	D5040	Emergency & Exit Lighting	Exit Sign/Emergency Combo, LED		Wooddale High School / High School	2nd Floor Corridors				2022		
29	8325011	D5040	Emergency & Exit Lighting	Exit Sign/Emergency Combo, LED		Wooddale High School / High School	NW4				1967		
D70 Electronic Safety & Security													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	8325018	D7050	Fire Alarm Panel	Fully Addressable		Wooddale High School / High School	Office Areas	Honeywell	No dataplate	No dataplate	2022		
E10 Equipment													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	8325122	E1030	Foodservice Equipment	Commercial Kitchen, 1-Bowl		Wooddale High School / High School	Kitchen				2015		
2	8324962	E1030	Foodservice Equipment	Commercial Kitchen, 1-Bowl		Wooddale High School / High School	Kitchen	No dataplate	No dataplate	No dataplate	2014		
3	8324943	E1030	Foodservice Equipment	Commercial Kitchen, 2-Bowl		Wooddale High School / High School	Kitchen				2015		
4	8325191	E1030	Foodservice Equipment	Commercial Kitchen, 2-Bowl		Wooddale High School / High School	Kitchen				2015		

5	8325184	E1030	Foodservice Equipment	Commercial Kitchen, 2-Bowl	Wooddale High School / High School	Kitchen					2015
6	8325017	E1030	Foodservice Equipment	Commercial Kitchen, 3-Bowl	Wooddale High School / High School	Kitchen					2015
7	8325308	E1030	Foodservice Equipment	Convection Oven, Single	Wooddale High School / High School	Kitchen	Vulcan	Inaccessible		Inaccessible	2004
8	8324912	E1030	Foodservice Equipment	Convection Oven, Single	Wooddale High School / High School	Kitchen	Blodgett	Inaccessible		Inaccessible	2004
9	8325282	E1030	Foodservice Equipment	Convection Oven, Single	Wooddale High School / High School	Kitchen	Blodgett	Inaccessible		Inaccessible	2004
10	8325009	E1030	Foodservice Equipment	Convection Oven, Single	Wooddale High School / High School	Kitchen	Blodgett	Inaccessible		Inaccessible	2004
11	8324920	E1030	Foodservice Equipment	Convection Oven, Single	Wooddale High School / High School	Kitchen	Vulcan	Illegible		Illegible	
12	8325006	E1030	Foodservice Equipment	Convection Oven, Single	Wooddale High School / High School	Kitchen	Blodgett	Inaccessible		Inaccessible	2004
13	8324911	E1030	Foodservice Equipment	Dairy Cooler/Wells	Wooddale High School / High School	Kitchen	MasterCool	No dataplate		No dataplate	2007
14	8325207	E1030	Foodservice Equipment	Dairy Cooler/Wells	Wooddale High School / High School	Kitchen	No dataplate	No dataplate		No dataplate	2007
15	8325107	E1030	Foodservice Equipment	Dishwasher Commercial	Wooddale High School / High School	Kitchen					
16	8325073	E1030	Foodservice Equipment	Exhaust Hood, 8 to 10 LF	Wooddale High School / High School	Kitchen					
17	8325016	E1030	Foodservice Equipment	Food Warmer, Proofing Cabinet on Wheels	Wooddale High School / High School	Kitchen	Duke Manufacturing	No dataplate		No dataplate	2014
18	8325062	E1030	Foodservice Equipment	Food Warmer, Proofing Cabinet on Wheels	Wooddale High School / High School	Kitchen	No dataplate	No dataplate			2015
19	8325310	E1030	Foodservice Equipment	Food Warmer, Proofing Cabinet on Wheels	Wooddale High School / High School	Kitchen	MCS	No dataplate		No dataplate	2014

20	8325113	E1030	Foodservice Equipment	Food Warmer, Proofing Cabinet on Wheels	Wooddale High School / High School	Kitchen					2015
21	8325283	E1030	Foodservice Equipment	Freezer, 2-Door Reach-In	Wooddale High School / High School	Kitchen	Migali	Inaccessible		Inaccessible	
22	8325272	E1030	Foodservice Equipment	Freezer, 2-Door Reach-In	Wooddale High School / High School	Kitchen	No dataplate	No dataplate		No dataplate	2014
23	8324984	E1030	Foodservice Equipment	Freezer, 3-Door Reach-In	Wooddale High School / High School	Kitchen	inaccessible	Inaccessible		Inaccessible	
24	8325337	E1030	Foodservice Equipment	Freezer, 3-Door Reach-In	Wooddale High School / High School	Kitchen	MB	Inaccessible		Inaccessible	2015
25	8325126	E1030	Foodservice Equipment	Freezer, 3-Door Reach-In	Wooddale High School / High School	Kitchen	Carter Hoffman	HL-18-9		012016593530	2016
26	8325289	E1030	Foodservice Equipment	Icemaker, Freestanding	Wooddale High School / High School	Kitchen	Manitowoc	IYT0420A-161X		1120586486	2019
27	8325132	E1030	Foodservice Equipment	Mixer, Tabletop	Wooddale High School / High School	Kitchen	Hobart	A-200		1702 10 1	2017
28	8325089	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Wooddale High School / High School	Kitchen	Migraine	C-28		C-2R15062992014	2015
29	8324996	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Wooddale High School / High School	Kitchen	Arctic Air	AR23E		5096181	
30	8325288	E1030	Foodservice Equipment	Slicer	Wooddale High School / High School	Kitchen					
31	8325228	E1030	Foodservice Equipment	Steamer, Tabletop	Wooddale High School / High School	Kitchen	Accutemp	N61201E06000200		66867*	2021
32	8325295	E1030	Foodservice Equipment	Steamer, Tabletop	Wooddale High School / High School	Kitchen	Accutemp	N61201E06000200		66867	2021
33	8325223	E1030	Foodservice Equipment	Steamer, Tabletop	Wooddale High School / High School	Kitchen	Accutemp	N61201E06000200		66867*	2021
34	8325251	E1030	Foodservice Equipment	Steamer, Tabletop	Wooddale High School / High School	Kitchen	Accutemp	N61201E06000200		Inaccessible	2021

