

# FACILITY CONDITION ASSESSMENT



**BUREAU  
VERITAS**

*prepared for*

**Alexandria City Public Schools**  
2000 North Beauregard Street  
Alexandria, Virginia 22311  
John Finnigan



Jefferson-Houston K-8  
1501 Cameron Street  
Alexandria, Virginia 22302

## **PREPARED BY:**

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## **BV PROJECT #:**

*148303.21R000-005.354*

## **DATE OF REPORT:**

*November 29, 2021*

## **ON SITE DATE:**

*August 9, 2021*

**Bureau Veritas**

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# 1. Executive Summary

## Property Overview and Assessment Details

General Information	
Property Type	School
Main Address	1501 Cameron Street, Alexandria, Virginia 22302
Site Developed	YOC 2014
Site Area	5.5 acres (estimated)
Parking Spaces	61 total spaces all in open lots; 4 of which are accessible
Building Area	171,939 SF
Number of Stories	3 above grade with no below-grade basement levels
Outside Occupants / Leased Spaces	None
Date(s) of Visit	08/10/2021
Management Point of Contact	John Finnigan Director of Educational Facilities Alexandria City Public Schools 1340 Braddock Place, Alexandria, Virginia 22314 703-619-8297 <a href="mailto:john.finnigan@acps.k12.va.us">john.finnigan@acps.k12.va.us</a>
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AssetCalc Link	Full dataset for this assessment can be found at: <a href="https://www.assetcalc.net/">https://www.assetcalc.net/</a>

## Significant/Systemic Findings and Deficiencies

### Historical Summary

Jefferson-Houston K-8 has now had a name change to Jefferson-Houston ES for Arts and Academics Campus and was constructed 2014. The spaces are a combination of offices, classrooms, supporting restrooms, administrative offices, mechanical and other utility spaces. Overall, the building well-constructed and good maintenance practices have been maintained during the building daily operation. Generally, the property appears to have been constructed within industry standards at the time of construction.

### Architectural

The facility consists of brick veneer façade with aluminum windows and steel service doors. The interior finishes consist of ceramic tile, VCT, laminate wood, quarry tile flooring polished concrete with interior walls of gypsum board. The roof consists of TPO single ply membrane and metal finish. Regular maintenance and inspection are highly recommended throughout the facility.

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

All MEPF systems and components throughout the facility has been well-maintained over the years. The MEPF portfolio for the building consists of package units, condensing units, fan coil units and air handler for the common areas and roof top exhaust fan. The building is equipped with a gas domestic water boilers with water heater, diesel generator with ATS with distribution panels throughout the building.

Most of the electrical service equipment and systems are well maintained and should be replaced during normal life expectancy. As needed electrical systems have been updated as needed and are of adequate size to provide necessary power to all systems. No major issues were observed or reported.

In general, the plumbing systems are adequate to serve the facilities, with equipment and fixtures to be updated as needed. The domestic water service within each facility is well maintained, with no evidence of leaks observed at the domestic piping. The domestic hot water supply appears to be adequate. No major issues were observed or reported.

Fire protection system consist of a hard-wired fire alarm system and wet fire sprinkler systems. The alarm system consists of strobes, pull stations, illuminated exit signs, emergency lighting (integrated in the lighting system), and other modern life safety devices. Building wide fire suppression (sprinkler) systems were observed within most of the facility.

### Site

Most of the facility is composed of moderate landscaping with parking lots and pedestrian walkways. The school has playgrounds. Recommend regular maintenance and inspections throughout the facility to maintain and to address any potential future issues. The adjacent synthetic soccer field is owned and operated by the City of Alexandria Recreation Parks.

### Recommended Additional Studies

No additional studies recommended at this time.



## 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

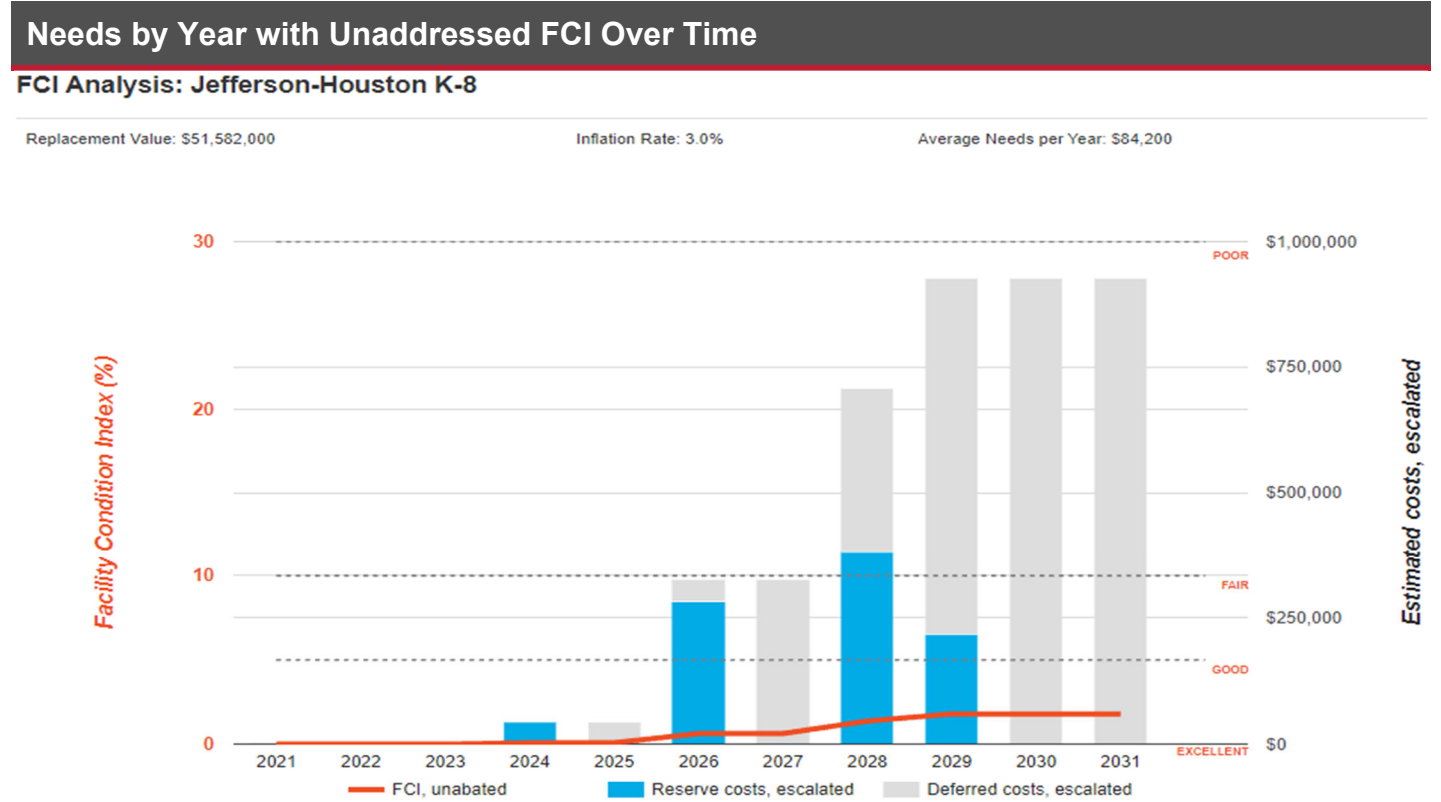
<b>0 – 5%</b>	In new or well-maintained condition, with little or no visual evidence of wear or deficiencies.
<b>5 – 10%</b>	Subjected to wear but is still in a serviceable and functioning condition.
<b>10 – 30%</b>	Subjected to hard or long-term wear. Nearing the end of its useful or serviceable life.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

### FCI Analysis | Jefferson-Houston K-8

<i>Replacement Value</i> \$ 51,581,700	<i>Total SF</i> 171,939	<i>Cost/SF</i> \$ 300
Est Reserve Cost		FCI
Current	\$ 0	0.0 %
3-Year	\$ 44,000	0.1 %
5-Year	\$ 325,200	0.6 %
10-Year	\$ 926,200	1.8 %

The vertical bars below represent the year-by-year needs identified for the site. The orange line in the graph below forecasts what would happen to the 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.



Immediate Needs

Facility/Building	Total Items	Total Cost
Total	0	\$0

Key Findings

No key findings for this set of locations.

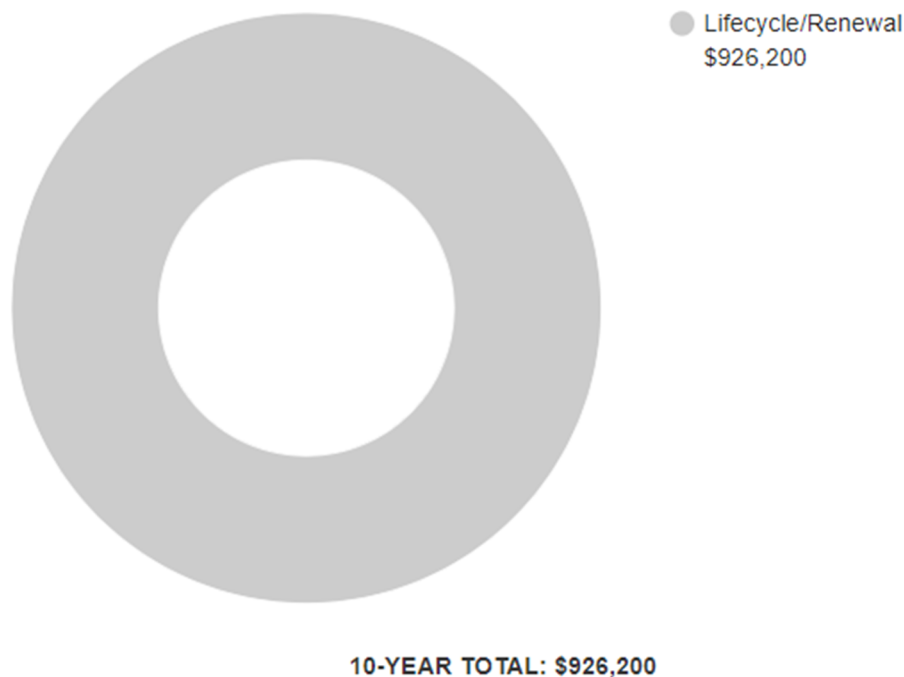
## Plan Types

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 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 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. Building and Site Information



### Systems Summary

System	Description	Condition
<b>Structure</b>	Steel frame with flat roof supported by open-web steel joists over concrete pile and grade beam foundation	Good
<b>Façade</b>	Brick with aluminum windows	Good
<b>Roof</b>	Primary: Flat construction with single-ply TPO/PVC membrane	Good
<b>Interiors</b>	Walls: Painted gypsum board and CMU and unfinished Floors: VCT, ceramic tile, polished concrete, quarry tile, laminated wood and unfinished Ceilings: Painted gypsum board and exposed	Good
<b>Elevators</b>	Passenger: 1 hydraulic car serving all floors	Good
<b>Plumbing</b>	Distribution: Copper supply and cast-iron waste and venting Hot Water: Gas boiler with electric water heaters Fixtures: Toilets, urinals, and sinks in all restrooms	Good
<b>HVAC</b>	Individual package units, heat pump split-system, fan coils, air handlers Supplemental components: ductless split-systems	Good
<b>Fire Suppression</b>	Wet-pipe sprinkler system, fire extinguishers and kitchen hood system	Good
<b>Electrical</b>	Source and Distribution: Main switchboard and panels with copper wiring Interior Lighting: LED, T-8, CFL Emergency Power: Diesel generator with automatic transfer switch	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, laundry equipment	Fair
<b>Site Pavement</b>	Asphalt lots and adjacent concrete sidewalks, curbs, ramps, and stairs	Good

## Systems Summary

<b>Site Development</b>	Property entrance signage; chain-link fence dumpster enclosures Playgrounds Limited picnic tables, trash receptacles	Good
<b>Landscaping and Topography</b>	Limited landscaping features Irrigation not present Low to none site slopes throughout	Good
<b>Utilities</b>	Municipal water and sewer Local utility-provided electric and natural gas	Good
<b>Site Lighting</b>	Pole-mounted: LED Building-mounted: LED	Fair
<b>Ancillary Structures</b>	None	--
<b>Key Issues and Findings</b>	Generally, the property appears to have been constructed within industry standards in force at the time of construction. The property appears to have been well maintained in recent years and is in good overall condition.	

## Systems 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
Facade	-	-	-	-	-	-
Roofing	-	-	-	-	\$1,784,234	\$1,784,234
Interiors	-	-	\$281,871	\$413,602	\$1,132,327	\$1,827,800
Conveying	-	-	-	-	\$7,342	\$7,342
Plumbing	-	-	-	-	\$2,889	\$2,889
HVAC	-	-	-	\$82,584	\$2,069,198	\$2,151,782
Fire Protection	-	-	-	-	\$85,121	\$85,121
Electrical	-	-	-	-	\$3,498,544	\$3,498,544
Fire Alarm & Electronic Systems	-	-	-	\$19,001	\$3,029,978	\$3,048,979
Equipment & Furnishings	-	-	\$43,312	\$85,756	\$165,903	\$294,971
Site Development	-	-	-	-	\$35,644	\$35,644
<b>TOTALS</b>	<b>-</b>	<b>-</b>	<b>\$325,200</b>	<b>\$601,000</b>	<b>\$11,811,200</b>	<b>\$12,737,400</b>

### 3. Property Space Use and Observed Areas

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#### 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

All key areas of the property were accessible and observed.

## 4. 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.



## 5. 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 and 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 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.

## 6. Certification

Alexandria City Public Schools (the Client) retained Bureau Veritas to perform this Facility Condition Assessment in connection with its continued operation of Jefferson-Houston K-8, 1501 Cameron Street, Alexandria Virginia 22302, 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.

This report, or any of the information contained therein, is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of Bureau Veritas. Any reuse or distribution without such consent shall be at the client's or recipient's sole risk, without liability to Bureau Veritas.

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## 7. Appendices

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- Appendix A: Photographic Record
- Appendix B: Site Plan
- Appendix C: Pre-Survey Questionnaire
- Appendix D: Component Condition Report
- Appendix E: Replacement Reserves
- Appendix F: Equipment Inventory List

## Appendix A:

### Photographic Record

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## Photographic Overview



1 - FRONT ELEVATION



2 - LEFT ELEVATION



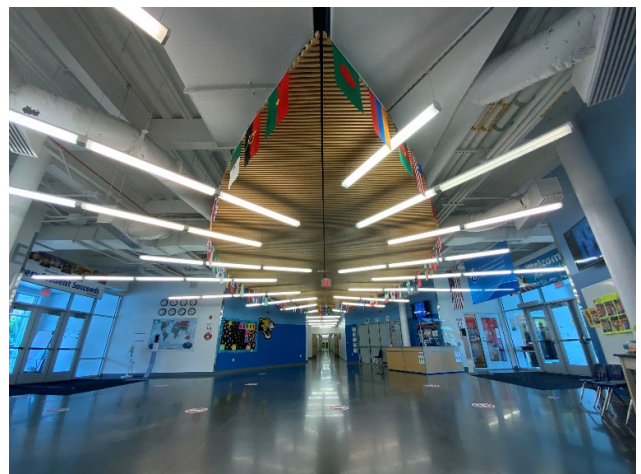
3 - RIGHT ELEVATION



4 - REAR ELEVATION



5 - ROOF



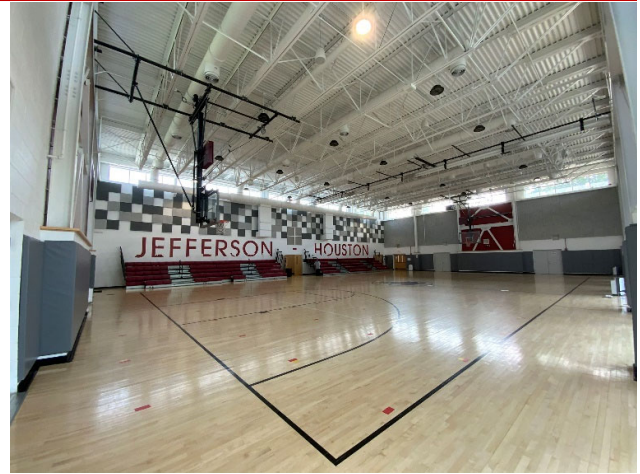
6 - LOBBY



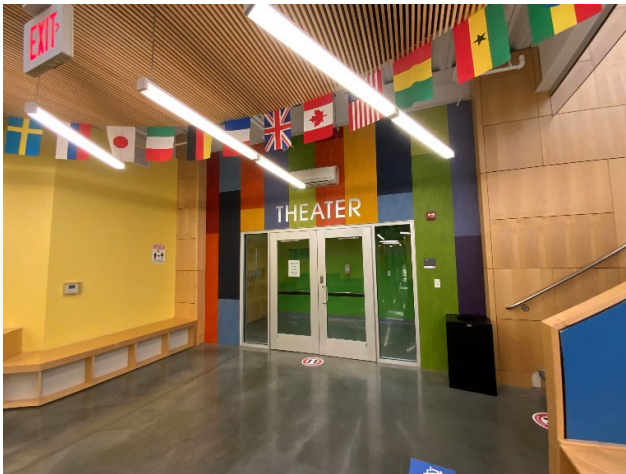
## Photographic Overview



7 - CAFETERIA



8 - GYM



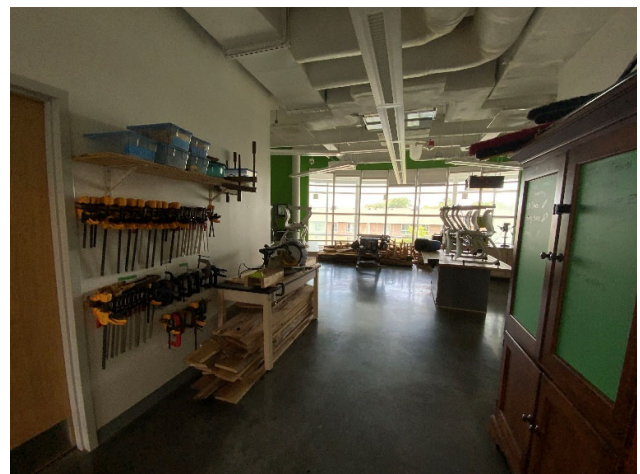
9 - THEATER



10 - CLASSROOM



11 - HALLWAY



12 - CARPENTRY SHOP



## Photographic Overview



13 - LOCKERS



14 - SCIENCE



15 - HALLWAY



16 - ELEVATOR MACHINERY



17 - BOILER



18 - ROOF TOP UNITS



## Photographic Overview



19 - SPRINKLER RISER



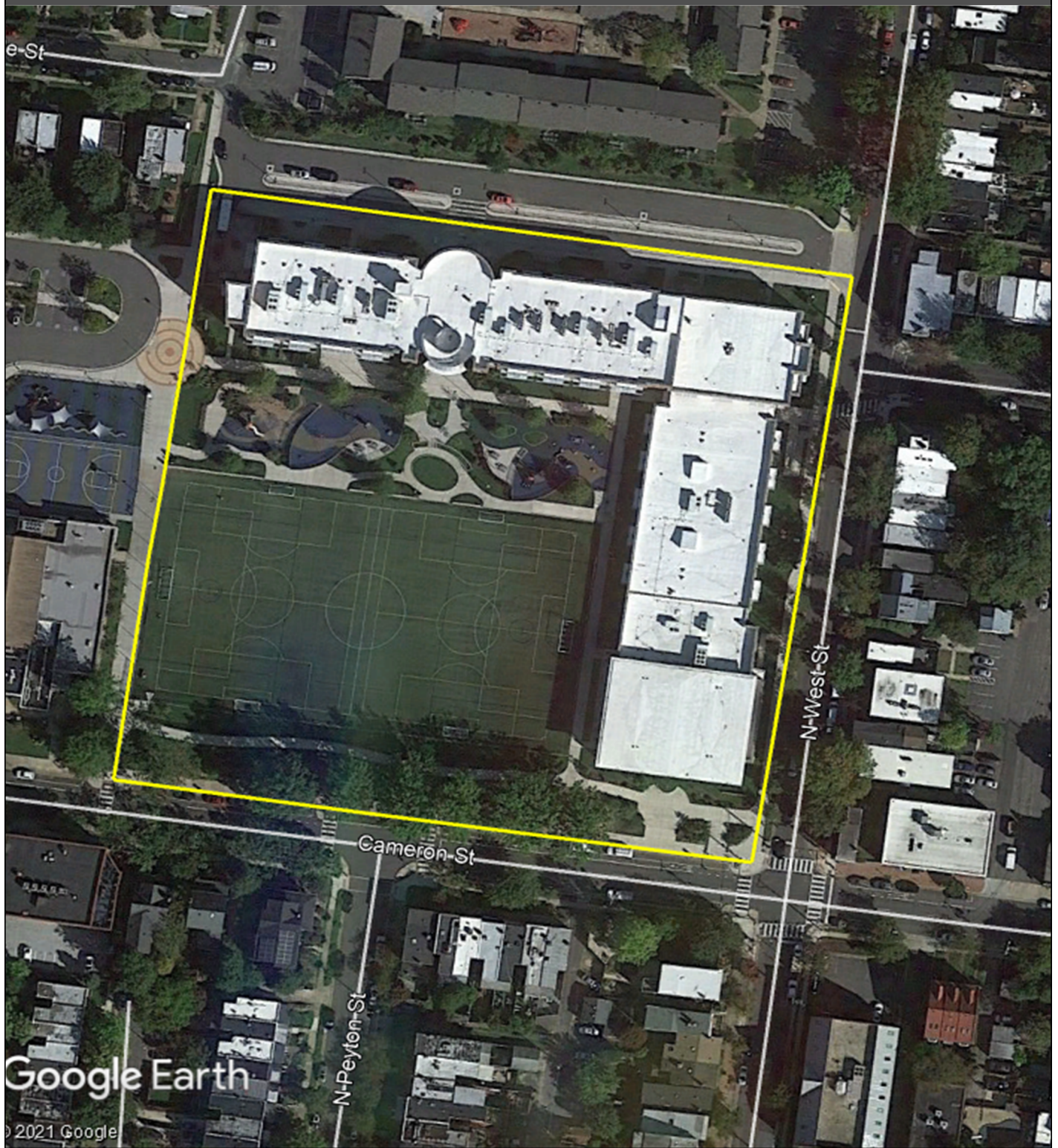
20 - GENERATOR

## Appendix B:

### Site Plan

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# Site Plan



Google Earth

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**BUREAU  
VERITAS**

**Project Number**

148303.21R000-005.354

**Source**

Google

**Project Name**

Jefferson-Houston K-8

**On-Site Date**

August 9, 2021



## Appendix C:

### Pre-Survey Questionnaire

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## BV FACILITY CONDITION ASSESSMENT: PRE-SURVEY QUESTIONNAIRE

<b>Building / Facility Name:</b>	Jefferson-Houston K-8
<b>Name of person completing form:</b>	Victor Martel
<b>Title / Association w/ property:</b>	Building Engineer
<b>Length of time associated w/ property:</b>	4 Years
<b>Date Completed:</b>	08/09/2021
<b>Phone Number:</b>	703-615-7410
<b>Method of Completion:</b>	INTERVIEW - verbally completed during interview

**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	Constructed 2014	Renovated	
2	Building size in SF	171,939	<b>SF</b>	
3	Major Renovation/Rehabilitation		Year	Additional Detail
		Facade		
		Roof		
		Interiors		
		HVAC		
		Electrical		
		Site Pavement		
		Accessibility		
4	List other significant capital improvements (focus on recent years; provide approximate date).	HVAC System (2019/2020)		
5	List any major capital expenditures planned/requested for the next few years. Have they been budgeted?			
6	Describe any on-going extremely problematic, historically chronic, or immediate facility needs.			

Mark the column corresponding to the appropriate response. Please provide additional details in the Comments column, or backup documentation for any **Yes** responses. (**NA** indicates "Not Applicable", **Unk** indicates "Unknown")

Question		Response				Comments
		Yes	No	Unk	NA	
7	Are there any problems with foundations or structures, like excessive settlement?		✗			
8	Are there any wall, window, basement or roof leaks?		✗			
9	Has any part of the facility ever contained visible suspect mold growth, or have there been any indoor air quality complaints?		✗			
10	Are your elevators unreliable, with frequent service calls?		✗			
11	Are there any plumbing leaks, water pressure, or clogging/backup problems?		✗			
12	Have there been any leaks or pressure problems with natural gas, HVAC piping, or steam service?		✗			
13	Are any areas of the facility inadequately heated, cooled or ventilated? Any poorly insulated areas?		✗			
14	Is the electrical service outdated, undersized, or otherwise problematic?		✗			
15	Are there any problems or inadequacies with exterior lighting?		✗			
16	Is site/parking drainage inadequate, with excessive ponding or other problems?		✗			
17	Are there any other unresolved construction defects or significant issues/hazards at the property that have not yet been identified above?		✗			
18	ADA: Has an accessibility study been performed at the site? If so, when?			✗		
19	ADA: If a study has occurred, have the associated recommendations been addressed? In full or in part?			✗		
20	ADA: Have there been regular complaints about accessibility issues, or previous or pending litigation?		✗			



Signature of Assessor



Signature of POC

## Appendix D:

### Component Condition Report

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Component Condition Report | Jefferson-Houston K-8

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
Facade						
B2020	Building exterior	Good	Window, Aluminum Double-Glazed, 16-25 SF	342	23	3388800
Roofing						
B3010	Roof	Good	Roofing, Single-Ply Membrane, TPO	61,650 SF	18	3388438
Interiors						
C1030	Throughout	Good	Interior Door, Wood, Solid-Core	171	33	3388801
C1070	Throughout	Good	Suspended Ceilings, Acoustical Tile (ACT)	43,000 SF	18	3388812
C2030	Throughout	Good	Flooring, any surface, w/ Paint or Sealant, Prep & Paint	154,745 SF	5	3388810
C2030		Good	Flooring, Wood, Sports	5,200 SF	23	3388811
C2030	Throughout	Good	Flooring, Carpet, Commercial Tile	1,800 SF	3	3388808
C2030	Throughout	Good	Flooring, Vinyl Tile (VCT)	6,878 SF	8	3388806
C2050	Throughout	Good	Ceiling Finishes, Gypsum Board/Plaster	8,600 SF	43	3388813
C2050	Throughout	Good	Ceiling Finishes, exposed irregular elements, Prep & Paint	120,350 SF	7	3388814
Conveying						
D1010	Elevator Control Closet	Good	Elevator Controls, Automatic, 1 Car	1	13	3251136
Plumbing						
D2010	Restroom	Good	Toilet, Commercial Water Closet	31	23	3388803
D2010	Mechanical room	Good	Storage Tank, Domestic Water, 750 GAL	1	23	3251178
D2010	Kitchen	Good	Sink/Lavatory, Commercial Kitchen, 1-Bowl	1	20	3251143
D2010	Restroom	Good	Urinal, Standard	14	23	3388802
D2010	Mechanical room	Good	Backflow Preventer, Domestic Water	1	23	3251188
D2010	Throughout	Good	Plumbing System, Supply & Sanitary, High Density (excludes fixtures)	171,939 SF	33	3388495
D2010	Kitchen	Good	Sink/Lavatory, Commercial Kitchen, 3-Bowl	1	23	3251208
HVAC						
D3020	Mechanical room	Good	Boiler, Gas, HVAC, 400 MBH	1	23	3251201
D3020	Mechanical room	Good	Boiler, Gas, HVAC, 400 MBH	1	23	3251209
D3020	Boiler room	Good	Boiler Supplemental Components, Expansion Tank, 250 GAL	1	33	3251158
D3030	Roof	Good	Heat Pump, Variable Refrigerant Volume (VRV), 14 TON [HP-2-3A]	1	8	3251184
D3030	Main roof	Good	Heat Pump, Variable Refrigerant Volume (VRV), 14 TON [HP-2-1]	1	13	3251200
D3030	Roof	Good	Heat Pump, Variable Refrigerant Volume (VRV), 14 TON [HP-1-5]	1	13	3251216
D3030	Main roof	Good	Heat Pump, Variable Refrigerant Volume (VRV), 15 TON [HP-1-3-B]	1	13	3251203
D3030		Fair	Heat Pump, Variable Refrigerant Volume (VRV), 15 TON [HP-3-1(A)]	1	13	3251141
D3030		Fair	Heat Pump, Variable Refrigerant Volume (VRV), 15 TON	1	13	3251189
D3030		Fair	Split System Ductless, Single Zone, 0.75 to 1 TON	1	7	3251214
D3030		Fair	Heat Pump, Variable Refrigerant Volume (VRV), 15 TON [HP-2-1 (B)]	1	13	3251186
D3030	Roof	Good	Heat Pump, Variable Refrigerant Volume (VRV), 10 TON [HP-1-6 (A)]	1	13	3251204
D3030	Roof	Fair	Heat Pump, Variable Refrigerant Volume (VRV), 15 TON [HP-1-4B]	1	13	3251185



Component Condition Report | Jefferson-Houston K-8

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D3030		Fair	Heat Pump, Variable Refrigerant Volume (VRV), 15 TON [HP-1-3A]	1	13	3251211
D3030	Roof	Fair	Heat Pump, Variable Refrigerant Volume (VRV), 16 TON [HP-2-3A]	1	13	3251144
D3030	Roof	Good	Heat Pump, Variable Refrigerant Volume (VRV), 10 TON [HP-1-6(B)]	1	13	3251212
D3030	Main roof	Good	Split System, Condensing Unit/Heat Pump, 2 TON	1	13	3251228
D3030	Main roof	Fair	Split System Ductless, Single Zone, 1 TON	1	7	3251224
D3030	Main roof	Fair	Heat Pump, Variable Refrigerant Volume (VRV), 16 TON [HP-3-2B]	1	13	3251223
D3030	Roof	Fair	Heat Pump, Variable Refrigerant Volume (VRV), 15 TON [HP-1-5(A)]	1	13	3251227
D3030	Roof	Fair	Heat Pump, Variable Refrigerant Volume (VRV), 15 TON [HP-1-4A]	1	13	3251206
D3030		Fair	Split System Ductless, Single Zone, 0.75 to 1 TON	1	7	3251194
D3050	Main roof	Good	Packaged Unit, RTU, Roof-Mounted, 31 TON	1	13	3251149
D3050	Main roof	Good	Packaged Unit, RTU, Roof-Mounted, 16 TON	1	18	3251226
D3050	Main roof	Good	Packaged Unit, RTU, Roof-Mounted, 16 TON	1	18	3251191
D3050	Main roof	Excellent	Packaged Unit, RTU, Pad or Roof-Mounted, 16 TON	1	19	3251171
D3050	Roof	Good	Packaged Unit, RTU, Roof-Mounted, 13 TON	1	12	3251168
D3050		Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 11 to 12.5 TON	1	13	3251192
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 16 to 20 TON	1	13	3251164
D3050	Roof	Good	Packaged Unit, RTU, Pad or Roof-Mounted	1	18	3251199
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 16 to 20 TON	1	13	3251151
D3050		Fair	Make-Up Air Unit, MUA or MAU, 2000 to 6000 CFM	1	12	3251142
D3050		Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 26 to 50 TON	1	13	3251165
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 16 to 20 TON	1	13	3251222
D3050	Roof	Good	Packaged Unit, RTU, Pad or Roof-Mounted	1	18	3251161
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 11 to 12.5 TON	1	13	3251167
D3060		Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 2001 to 5000 CFM [KILN-EF]	1	12	3251138
D3060		Fair	Exhaust Fan, Roof or Wall-Mounted, 28" Damper, 5001 to 8500 CFM	1	12	3251163
Fire Protection						
D4010	Mechanical room	Good	Fire Suppression System, Full System Install/Retrofit, High Density/Complexity, Install	171,939 SF	33	3388497
D4010	Mechanical room	Good	Backflow Preventer, Fire Suppression	1	23	3251198
D4010	Mechanical room	Good	Pump, Fire Suppression, 40 HP	1	18	3251180
Electrical						
D5010	Electrical room	Good	Automatic Transfer Switch, ATS, 100 AMP	1	18	3251175
D5010	Electrical room	Good	Automatic Transfer Switch, ATS, 300 AMP	1	18	3251174
D5010	Building exterior	Good	Generator, Diesel, 230 KW	1	18	3251148
D5020	Utility closet	Good	Secondary Transformer, Dry, Stepdown, 30 KVA	1	15	3251150
D5020	Utility closet	Good	Secondary Transformer, Dry, Stepdown, 30 KVA	1	23	3251172
D5020	Electrical room	Good	Secondary Transformer, Dry, Stepdown, 75 KVA	1	23	3251207
D5020	Utility closet	Good	Secondary Transformer, Dry, Stepdown, 45 KVA	1	23	3251205
D5020	Electrical room	Good	Secondary Transformer, Dry, Stepdown, 45 KVA	1	23	3251147

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UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D5020	Utility closet	Good	Secondary Transformer, Dry, Stepdown, 75 KVA	1	23	3251221
D5020	Electrical room	Good	Switchboard, 277/480 V, 3000 AMP	1	33	3251155
D5020		Good	Distribution Panel, 277/480 V, 800 AMP	1	23	3251162
D5020	Utility closet	Fair	Secondary Transformer, Dry, Stepdown, 112.5 KVA	1	25	3251159
D5020	Utility closet	Good	Secondary Transformer, Dry, Stepdown, 30 KVA	1	23	3251181
D5020	Utility closet	Good	Secondary Transformer, Dry, Stepdown, 75 KVA	1	23	3251173
D5020	Electrical room	Good	Secondary Transformer, Dry, Stepdown, 45 KVA	1	23	3251146
D5020	Utility closet	Fair	Secondary Transformer, Dry, Stepdown, 75 KVA	1	23	3251210
D5020	Electrical room	Good	Secondary Transformer, Dry, Stepdown, 30 KVA	1	23	3251156
D5020	Throughout	Good	Electrical System, Full System Renovation/Upgrade, Medium Density/Complexity	171,939 SF	33	3388540
D5020	Utility closet	Fair	Secondary Transformer, Dry, Stepdown, 30 KVA	1	23	3251135
D5020	Utility closet	Good	Secondary Transformer, Dry, Stepdown, 75 KVA	1	23	3251153
D5020	Electrical room	Good	Secondary Transformer, Dry, Stepdown, 75 KVA	1	23	3251190
D5020	Utility closet	Good	Secondary Transformer, Dry, Stepdown, 30 KVA	1	23	3251193
D5040	Electrical room	Fair	Lighting Controls, Dimming Panel, Digital Time Control Clock & Photosensor	1	13	3251170
D5040	Electrical room	Fair	Interior Lighting System, Full Upgrade, High Density & Standard Fixtures	171,939 SF	13	3388539
Fire Alarm & Electronic Systems						
D7050	Electrical room	Good	Fire Alarm Panel, Fully Addressable	1	8	3251152
D7050	Electrical room	Good	Fire Alarm System, Full System Upgrade, Advanced Addressable, Install	171,939 SF	13	3388439
D8010	Mechanical closet	Good	BAS/HVAC Controls, Extensive/Robust BMS or Smart Building System, Install	171,939 SF	13	3251230
Equipment & Furnishings						
E1030	Second Floor Cafeteria	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251225
E1030	Third Floor Cafeteria	Good	Foodservice Equipment, Freezer, Chest	1	8	3251182
E1030	Kitchen	Fair	Foodservice Equipment, Steamer, Freestanding	1	5	3251140
E1030	Kitchen	Good	Foodservice Equipment, Convection Oven, Double	1	3	3251145
E1030	Kitchen	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251215
E1030	Second floor cafeteria	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251169
E1030	Kitchen	Excellent	Foodservice Equipment, Exhaust Hood, 8 to 10 LF	1	15	3251139
E1030	Third Floor Cafeteria	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251187
E1030	Kitchen	Good	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	1	8	3251196
E1030	Kitchen	Excellent	Foodservice Equipment, Exhaust Hood, 8 to 10 LF	1	15	3251177
E1030	Kitchen	Good	Foodservice Equipment, Refrigerator, 1-Door Reach-In	1	8	3251183
E1030	Kitchen	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251213
E1030	Kitchen	Good	Foodservice Equipment, Convection Oven, Double	1	3	3251217
E1030	Second Floor Cafeteria	Good	Foodservice Equipment, Food Warmer, Tabletop Drawers (Set of 4)	1	8	3251219
E1030	Kitchen	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251179
E1030	Third Floor Cafeteria	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251229
E1030	Kitchen	Good	Foodservice Equipment, Walk-In, Refrigerator	1	13	3251218

Component Condition Report | Jefferson-Houston K-8

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
E1030	Kitchen	Good	Foodservice Equipment, Griddle	1	8	3251233
E1030	Kitchen	Fair	Foodservice Equipment, Tilting Skillet	1	12	3251176
E1030	Kitchen	Good	Foodservice Equipment, Walk-In, Freezer	1	13	3251220
E1030	Kitchen	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251166
E1030	Kitchen	Good	Foodservice Equipment, Convection Oven, Double	1	3	3251231
E1030	Third Floor Cafeteria	Good	Foodservice Equipment, Food Warmer, Tabletop Drawers (Set of 4)	1	8	3251195
E1030	Kitchen	Good	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	1	8	3251202
E1030	Kitchen	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	8	3251234
E1040	Restroom	Good	Laboratory Equipment, Lab Sink, Epoxy Resin	16	23	3388804
Sitework						
G2060	Building exterior	Good	Signage, Property, Pylon Robust/Electronic Programmable	1	12	3251232
G2060	Site	Excellent	Flagpole, Metal	1	28	3251197

## Appendix E:

### Replacement Reserves

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Replacement Reserves Report

11/29/2021

Location	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Total Escalated Estimate
Jefferson-Houston K-8	\$0	\$0	\$0	\$43,928	\$0	\$281,260	\$0	\$382,952	\$217,998	\$0	\$0	\$0	\$173,230	\$8,025,911	\$0	\$402,450	\$0	\$497,301	\$2,639,282	\$70,140	\$2,890	\$12,737,342
Jefferson-Houston K-8 / Jefferson-Houston Elementary School for Arts & Academics	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Jefferson-Houston K-8 / Jefferson-Houston PreK-8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Grand Total	\$0	\$0	\$0	\$43,928	\$0	\$281,260	\$0	\$382,952	\$217,998	\$0	\$0	\$0	\$173,230	\$8,025,911	\$0	\$402,450	\$0	\$497,301	\$2,639,282	\$70,140	\$2,890	\$12,737,342

Jefferson-Houston K-8		Unif		format	Code	Location	Description	ID	Cost Description	Lifespan (EUL)	E	Age	RUL	Quantity	Unit	Unit Cost	* Subtotal	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Deficiency Repair Estimate			
B3010			Roof		3388438		Roofing, Single-Ply Membrane, TPO, Replace			20	2	18	61650	SF		\$17.00	\$1,048,050																				\$1,048,050			\$1,048,050		
C1070			Throughout		3388812		Suspended Ceilings, Acoustical Tile (ACT), Replace			25	7	18	43000	SF		\$3.50	\$150,500																					\$150,500			\$150,500	
C2030			Throughout		3388810		Flooring, any surface, w/ Paint or Sealant, Prep & Paint			10	5	5	154745	SF		\$1.50	\$232,118						\$232,118																\$232,118			\$464,235
C2030			Throughout		3388806		Flooring, Vinyl Tile (VCT), Replace			15	7	8	6878	SF		\$5.00	\$34,390									\$34,390														\$34,390		
C2030			Throughout		3388808		Flooring, Carpet, Commercial Tile, Replace			10	7	3	1800	SF		\$6.50	\$11,700				\$11,700									\$11,700									\$23,400			
C2050			Throughout		3388814		Ceiling Finishes, exposed irregular elements, Prep & Paint			10	3	7	120350	SF		\$2.50	\$300,875								\$300,875													\$300,875			\$601,750	
D1010			Elevator Control Closet		3251136		Elevator Controls, Automatic, 1 Car, Replace			20	7	13	1	EA		\$5,000.00	\$5,000														\$5,000								\$5,000			
D2010			Kitchen		3251143		Sink/Lavatory, Commercial Kitchen, 1-Bowl, Replace			30	10	20	1	EA		\$1,600.00	\$1,600																					\$1,600			\$1,600	
D3030			Jefferson-Houston K-8		3251214		Split System Ductless, Single Zone, 0.75 to 1 TON, Replace			15	8	7	1	EA		\$3,500.00	\$3,500									\$3,500														\$3,500		
D3030			Main roof		3251224		Split System Ductless, Single Zone, 1 TON, Replace			15	8	7	1	EA		\$3,500.00	\$3,500									\$3,500														\$3,500		
D3030			Jefferson-Houston K-8		3251194		Split System Ductless, Single Zone, 0.75 to 1 TON, Replace			15	8	7	1	EA		\$3,500.00	\$3,500									\$3,500														\$3,500		
D3030			Roof		3251184		Heat Pump, Variable Refrigerant Volume (VRV), 14 TON, Replace			15	7	8	1	EA		\$55,000.00	\$55,000									\$55,000														\$55,000		
D3030			Main roof		3251200		Heat Pump, Variable Refrigerant Volume (VRV), 14 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Roof		3251216		Heat Pump, Variable Refrigerant Volume (VRV), 14 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Main roof		3251203		Heat Pump, Variable Refrigerant Volume (VRV), 15 TON, Replace			15	2	13	1	EA		\$60,500.00	\$60,500														\$60,500									\$60,500		
D3030			Jefferson-Houston K-8		3251141		Heat Pump, Variable Refrigerant Volume (VRV), 15 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Jefferson-Houston K-8		3251189		Heat Pump, Variable Refrigerant Volume (VRV), 15 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Jefferson-Houston K-8		3251186		Heat Pump, Variable Refrigerant Volume (VRV), 15 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Roof		3251204		Heat Pump, Variable Refrigerant Volume (VRV), 10 TON, Replace			15	2	13	1	EA		\$44,000.00	\$44,000														\$44,000									\$44,000		
D3030			Roof		3251185		Heat Pump, Variable Refrigerant Volume (VRV), 15 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Jefferson-Houston K-8		3251211		Heat Pump, Variable Refrigerant Volume (VRV), 15 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Roof		3251144		Heat Pump, Variable Refrigerant Volume (VRV), 16 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Roof		3251212		Heat Pump, Variable Refrigerant Volume (VRV), 10 TON, Replace			15	2	13	1	EA		\$44,000.00	\$44,000														\$44,000									\$44,000		
D3030			Main roof		3251228		Split System, Condensing Unit/Heat Pump, 2 TON, Replace			15	2	13	1	EA		\$3,400.00	\$3,400														\$3,400									\$3,400		
D3030			Main roof		3251223		Heat Pump, Variable Refrigerant Volume (VRV), 16 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Roof		3251227		Heat Pump, Variable Refrigerant Volume (VRV), 15 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3030			Roof		3251206		Heat Pump, Variable Refrigerant Volume (VRV), 15 TON, Replace			15	2	13	1	EA		\$55,000.00	\$55,000														\$55,000									\$55,000		
D3050			Roof		3251168		Packaged Unit, RTU, Roof-Mounted, 13 TON, Replace			20	8	12	1	EA		\$30,000.00	\$30,000														\$30,000									\$30,000		
D3050			Jefferson-Houston K-8		3251142		Make-Up Air Unit, MUA or MAU, 2000 to 6000 CFM, Replace			20	8	12	1	EA		\$35,000.00	\$35,000														\$35,000									\$35,000		
D3050			Main roof		3251149		Packaged Unit, RTU, Roof-Mounted, 31 TON, Replace			20	7	13	1	EA		\$75,000.00	\$75,000															\$75,000									\$75,000	
D3050			Jefferson-Houston K-8		3251192		Packaged Unit, RTU, Pad or Roof-Mounted, 11 to 12.5 TON, Replace			20	7	13	1	EA		\$25,000.00	\$25,000														\$25,000									\$25,000		
D3050			Roof		3251164		Packaged Unit, RTU, Pad or Roof-Mounted, 16 to 20 TON, Replace			20	7	13	1	EA		\$40,000.00	\$40,000														\$40,000									\$40,000		
D3050			Roof		3251151		Packaged Unit, RTU, Pad or Roof-Mounted, 16 to 20 TON, Replace			20	7	13	1	EA		\$40,000.00	\$40,000														\$40,000									\$40,000		
D3050			Jefferson-Houston K-8		3251165		Packaged Unit, RTU, Pad or Roof-Mounted, 26 to 50 TON, Replace			20	7	13	1	EA		\$75,000.00	\$75,000														\$75,000									\$75,000		
D3050			Roof		3251222		Packaged Unit, RTU, Pad or Roof-Mounted, 16 to 20 TON, Replace			20	7	13	1	EA		\$40,000.00	\$40,000														\$40,000									\$40,000		
D3050			Roof		3251167		Packaged Unit, RTU, Pad or Roof-Mounted, 11 to 12.5 TON, Replace			20	7	13	1	EA																												

Uniformat Code	Location	Description	ID	Cost Description	Lifespan (EUL)	EAge	RUL	Quantity	Unit	Unit Cost *	Subtotal	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Deficiency Repair Estimate			
D5040	Electrical room		3251170	Lighting Controls, Dimming Panel, Digital Time Control Clock & Photosensor, Replace	20	7	13	1	EA	\$4,680.00	\$4,680														\$4,680								\$4,680			
D5040	Electrical room		3388539	Interior Lighting System, Full Upgrade, High Density & Standard Fixtures, Replace	20	7	13	171939	SF	\$13.00	\$2,235,207														\$2,235,207								\$2,235,207			
D7050	Electrical room		3251152	Fire Alarm Panel, Fully Addressable, Replace	15	7	8	1	EA	\$15,000.00	\$15,000									\$15,000													\$15,000			
D7050	Electrical room		3388439	Fire Alarm System, Full System Upgrade, Advanced Addressable, Install	20	7	13	171939	SF	\$6.00	\$1,031,634														\$1,031,634								\$1,031,634			
D8010	Mechanical closet		3251230	BAS/HVAC Controls, Extensive/Robust BMS or Smart Building System, Install	15	2	13	171939	SF	\$6.00	\$1,031,634														\$1,031,634								\$1,031,634			
E1030	Kitchen		3251145	Foodservice Equipment, Convection Oven, Double, Replace	10	7	3	1	EA	\$9,500.00	\$9,500				\$9,500										\$9,500								\$9,500			
E1030	Kitchen		3251217	Foodservice Equipment, Convection Oven, Double, Replace	10	7	3	1	EA	\$9,500.00	\$9,500				\$9,500										\$9,500								\$9,500			
E1030	Kitchen		3251231	Foodservice Equipment, Convection Oven, Double, Replace	10	7	3	1	EA	\$9,500.00	\$9,500				\$9,500										\$9,500								\$9,500			
E1030	Kitchen		3251140	Foodservice Equipment, Steamer, Freestanding, Replace	10	5	5	1	EA	\$10,500.00	\$10,500						\$10,500										\$10,500							\$21,000		
E1030	Second Floor Cafeteria		3251225	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Third Floor Cafeteria		3251182	Foodservice Equipment, Freezer, Chest, Replace	15	7	8	1	EA	\$1,800.00	\$1,800									\$1,800													\$1,800			
E1030	Kitchen		3251215	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Second floor cafeteria		3251169	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Third Floor Cafeteria		3251187	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Kitchen		3251196	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels, Replace	15	7	8	1	EA	\$1,700.00	\$1,700									\$1,700													\$1,700			
E1030	Kitchen		3251183	Foodservice Equipment, Refrigerator, 1-Door Reach-In, Replace	15	7	8	1	EA	\$2,700.00	\$2,700									\$2,700													\$2,700			
E1030	Kitchen		3251213	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Second Floor Cafeteria		3251219	Foodservice Equipment, Food Warmer, Tabletop Drawers (Set of 4), Replace	15	7	8	1	EA	\$5,700.00	\$5,700									\$5,700													\$5,700			
E1030	Kitchen		3251179	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Third Floor Cafeteria		3251229	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Kitchen		3251233	Foodservice Equipment, Griddle, Replace	15	7	8	1	EA	\$7,000.00	\$7,000									\$7,000													\$7,000			
E1030	Kitchen		3251166	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Third Floor Cafeteria		3251195	Foodservice Equipment, Food Warmer, Tabletop Drawers (Set of 4), Replace	15	7	8	1	EA	\$5,700.00	\$5,700									\$5,700													\$5,700			
E1030	Kitchen		3251202	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels, Replace	15	7	8	1	EA	\$1,700.00	\$1,700									\$1,700													\$1,700			
E1030	Kitchen		3251234	Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	7	8	1	EA	\$4,600.00	\$4,600									\$4,600													\$4,600			
E1030	Kitchen		3251176	Foodservice Equipment, Tilling Skillet, Replace	20	8	12	1	EA	\$24,500.00	\$24,500													\$24,500									\$24,500			
E1030	Kitchen		3251218	Foodservice Equipment, Walk-In, Refrigerator, Replace	20	7	13	1	EA	\$15,000.00	\$15,000														\$15,000								\$15,000			
E1030	Kitchen		3251220	Foodservice Equipment, Walk-In, Freezer, Replace	20	7	13	1	EA	\$25,000.00	\$25,000														\$25,000								\$25,000			
E1030	Kitchen		3251139	Foodservice Equipment, Exhaust Hood, 8 to 10 LF, Replace	15	0	15	1	EA	\$4,500.00	\$4,500															\$4,500							\$4,500			
E1030	Kitchen		3251177	Foodservice Equipment, Exhaust Hood, 8 to 10 LF, Replace	15	0	15	1	EA	\$4,500.00	\$4,500															\$4,500							\$4,500			
G2060	Building exterior		3251232	Signage, Property, Pylon Robust/Electronic Programmable, Replace	20	8	12	1	EA	\$25,000.00	\$25,000													\$25,000									\$25,000			
Totals, Unescalated												\$0	\$0	\$0	\$40,200	\$0	\$242,618	\$0	\$311,375	\$172,090	\$0	\$0	\$0	\$121,500	\$5,465,255	\$0	\$258,318	\$0	\$300,875	\$1,550,300	\$40,000	\$1,600	\$8,504,130			
Totals, Escalated (3.0% inflation, compounded annually)												\$0	\$0	\$0	\$43,928	\$0	\$281,260	\$0	\$382,952	\$217,998	\$0	\$0	\$0	\$173,230	\$8,025,911	\$0	\$402,450	\$0	\$497,301	\$2,639,282	\$70,140	\$2,890	\$12,737,342			

Jefferson-Houston K-8 / Jefferson-Houston Elementary School for Arts & Academics

Jefferson-Houston K-8 / Jefferson-Houston PreK-8

## Appendix F:

### 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	3251136	D1010	Elevator Controls	Automatic, 1 Car		Jefferson-Houston K-8	Elevator Control Closet	Kone	SGB01	KM50074447H01	2014	01046708	
D20 Plumbing													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	3251178	D2010	Storage Tank	Domestic Water, 750 GAL		Jefferson-Houston K-8	Mechanical room	Lochinvar	RGA0752-2-80	L13J0025835	2014	01046742	
2	3251188	D2010	Backflow Preventer	Domestic Water	4 IN	Jefferson-Houston K-8	Mechanical room	Apollo	RPLF4A	40466	2014	01046741	
D30 HVAC													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	3251201	D3020	Boiler	Gas, HVAC, 400 MBH	400 MBH	Jefferson-Houston K-8	Mechanical room	Lochinvar	AWN400PM	K13H20275960	2014	01046744	
2	3251209	D3020	Boiler	Gas, HVAC, 400 MBH	400 MBH	Jefferson-Houston K-8	Mechanical room	Lochinvar	AWN400PM	K13	2014	01046745	
3	3251158	D3020	Boiler Supplemental Components	Expansion Tank, 250 GAL	250 GAL	Jefferson-Houston K-8	Boiler room	Amtrol	PTA453	277766	2014	01046743	
4	3251189	D3030	Heat Pump	Variable Refrigerant Volume (VRV), 15 TON	12 TON	Jefferson-Houston K-8		Daikin	REYQ120XAYDU	1910220790	2019	01046680	
5	3251211	D3030	Heat Pump [HP-1-3A]	Variable Refrigerant Volume (VRV), 15 TON	14 TON	Jefferson-Houston K-8		Daikin	REYQ144XAYDU	1907046941	2019	01046688	
6	3251203	D3030	Heat Pump [HP-1-3-B]	Variable Refrigerant Volume (VRV), 15 TON	12 TON	Jefferson-Houston K-8	Main roof	Daikin	REYQ144XAYDU	1907046945	2019	01046689	
7	3251206	D3030	Heat Pump [HP-1-4A]	Variable Refrigerant Volume (VRV), 15 TON	14 TON	Jefferson-Houston K-8	Roof	Daikin	REYQ144XAYDU	1907046933	2019	01046693	
8	3251185	D3030	Heat Pump [HP-1-4B]	Variable Refrigerant Volume (VRV), 15 TON	14 TON	Jefferson-Houston K-8	Roof	Daikin	REYQ144XAYDU	1907046946	2019	01046694	
9	3251216	D3030	Heat Pump [HP-1-5]	Variable Refrigerant Volume (VRV), 14 TON	14 TON	Jefferson-Houston K-8	Roof	Daikin	REYQ168XAYDU	1911150387	2019	01046728	
10	3251227	D3030	Heat Pump [HP-1-5(A)]	Variable Refrigerant Volume (VRV), 15 TON	12 TON	Jefferson-Houston K-8	Roof	Daikin	REYQ120XAYDU	1911636335	2019	01046729	
11	3251204	D3030	Heat Pump [HP-1-6 (A)]	Variable Refrigerant Volume (VRV), 10 TON		Jefferson-Houston K-8	Roof		REYQ120XAYDU	1910220789	2019	01046727	
12	3251212	D3030	Heat Pump [HP-1-6(B)]	Variable Refrigerant Volume (VRV), 10 TON	10 TON	Jefferson-Houston K-8	Roof	Daikin	REYQ96XAYDU	1911150386	2019	01046726	
13	3251200	D3030	Heat Pump [HP-2-1]	Variable Refrigerant Volume (VRV), 14 TON		Jefferson-Houston K-8	Main roof	Daikin	REYQ168XAYDU	1911100707	2019	01046676	
14	3251186	D3030	Heat Pump [HP-2-1 (B)]	Variable Refrigerant Volume (VRV), 15 TON		Jefferson-Houston K-8		Daikin	REYQ144XAYDU	1911100712	2019	01046677	
15	3251184	D3030	Heat Pump [HP-2-3A]	Variable Refrigerant Volume (VRV), 14 TON	14 TON	Jefferson-Houston K-8	Roof	Daikin	REYQ168XAYDU	1905026690	2014	01046691	
16	3251144	D3030	Heat Pump [HP-2-3A]	Variable Refrigerant Volume (VRV), 16 TON	16 TON	Jefferson-Houston K-8	Roof	Daikin	REYQ168XAYDU	1905026691	2019	01046695	
17	3251141	D3030	Heat Pump [HP-3-1(A)]	Variable Refrigerant Volume (VRV), 15 TON		Jefferson-Houston K-8		Daikin	REYQ144XAYDU	1911100717	2019	01046679	
18	3251223	D3030	Heat Pump [HP-3-2B]	Variable Refrigerant Volume (VRV), 16 TON	16 TON	Jefferson-Houston K-8	Main roof	Daikin	REYQ168XYDU	1905026689	2019	01046690	
19	3251228	D3030	Split System	Condensing Unit/Heat Pump, 2 TON		Jefferson-Houston K-8	Main roof	Daikin	Illegible	Illegible	2019	01046698	
20	3251214	D3030	Split System Ductless	Single Zone, 0.75 to 1 TON		Jefferson-Houston K-8		Daikin	RKN12KEVJU5	G000981	2013	01046682	
21	3251194	D3030	Split System Ductless	Single Zone, 0.75 to 1 TON		Jefferson-Houston K-8		Daikin	RKN12KEVJU5	G001024	2013	01046732	
22	3251224	D3030	Split System Ductless	Single Zone, 1 TON		Jefferson-Houston K-8	Main roof	Daikin	RKN12KEVJU5	G0011023	2013	01046731	
23	3251142	D3050	Make-Up Air Unit	MUA or MAU, 2000 to 6000 CFM	4800 CFM	Jefferson-Houston K-8		Accurex	XDGX-115-H22-D8	13499180	2013	01046675	
24	3251199	D3050	Packaged Unit	RTU, Pad or Roof-Mounted	13 TON	Jefferson-Houston K-8	Roof	AAON, Inc.			2019	01046724	
25	3251161	D3050	Packaged Unit	RTU, Pad or Roof-Mounted	50 TON	Jefferson-Houston K-8	Roof	AAON, Inc.	RN-050-3-0-EA09-3D9	201403-BNGW35167	2019	01046723	
26	3251192	D3050	Packaged Unit	RTU, Pad or Roof-Mounted, 11 to 12.5 TON	11 TON	Jefferson-Houston K-8		Aaon	RN-011-3-0-EB09-3G9	137157	2014	01046685	
27	3251167	D3050	Packaged Unit	RTU, Pad or Roof-Mounted, 11 to 12.5 TON	11 TON	Jefferson-Houston K-8	Roof	Aaon	RN-011-3-2-EB09-3G9	2014-ANGZ35148	2014	01046697	
28	3251164	D3050	Packaged Unit	RTU, Pad or Roof-Mounted, 16 to 20 TON		Jefferson-Houston K-8	Roof	Aaon	RN-016-3-0-EB09-349	201403-BNGM35157	2014	01046730	
29	3251151	D3050	Packaged Unit	RTU, Pad or Roof-Mounted, 16 to 20 TON	16 TON	Jefferson-Houston K-8	Roof	Aaon	RN-016-3-0-EB09-349	201403-BNGM35162	2014	01046692	
30	3251222	D3050	Packaged Unit	RTU, Pad or Roof-Mounted, 16 to 20 TON	16 TON	Jefferson-Houston K-8	Roof	Aaon	RN-016-3-0-EB09-349		2014	01046696	



31	3251171	D3050	Packaged Unit	RTU, Pad or Roof-Mounted, 16 TON	16 TON	Jefferson-Houston K-8	Main roof	Aaon	RN-016-3-0-EB09-349	201403-BGNM35161	2020	01046678	
32	3251165	D3050	Packaged Unit	RTU, Pad or Roof-Mounted, 26 to 50 TON	31 TON	Jefferson-Houston K-8		Aaon	RN-031-3-0-EB09-3D9	201403-BNGU35165	2014	01046672	
33	3251168	D3050	Packaged Unit	RTU, Roof-Mounted, 13 TON	13 TON	Jefferson-Houston K-8	Roof	Aaon	RN-013-3-0-EB09-3G9	201403-ANGK35150	2013	01046725	
34	3251226	D3050	Packaged Unit	RTU, Roof-Mounted, 16 TON		Jefferson-Houston K-8	Main roof	Aaon	RN-016-3-0-EB09-349	201403-BNGM35158	2019	01046673	
35	3251191	D3050	Packaged Unit	RTU, Roof-Mounted, 16 TON		Jefferson-Houston K-8	Main roof	Aaon	RN-016-3-0-EB09-349	201403-BGNM35159	2019	01046684	
36	3251149	D3050	Packaged Unit	RTU, Roof-Mounted, 31 TON	31 TON	Jefferson-Houston K-8	Main roof	Aaon	RN-031-3-0-EB09-3C9	201403-BNGU35166	2014	01046681	
37	3251163	D3060	Exhaust Fan	Roof or Wall-Mounted, 28" Damper, 5001 to 8500 CFM		Jefferson-Houston K-8		Greenheck	CUBE-360XP-75-6	13498716	2013	01046674	
38	3251138	D3060	Exhaust Fan [KILN-EF]	Roof or Wall-Mounted, 24" Damper, 2001 to 5000 CFM		Jefferson-Houston K-8		Greenheck	CUBE-161XP-7-X	13498717	2013	01046683	
D40 Fire Protection													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	3251198	D4010	Backflow Preventer	Fire Suppression	6 IN	Jefferson-Houston K-8	Mechanical room				2014		
2	3251180	D4010	Pump	Fire Suppression, 40 HP	40 HP	Jefferson-Houston K-8	Mechanical room	Joslyn Clark Controls	G2C164-53RTU	45013649	2014	01046709	
D50 Electrical													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	3251148	D5010	Generator	Diesel, 230 KW	230 KW	Jefferson-Houston K-8	Building exterior	Generac	SG0230KG20129N18HPLY	8801268	2014	01046539	
2	3251175	D5010	Automatic Transfer Switch	ATS, 100 AMP	150 AMP	Jefferson-Houston K-8	Electrical room	Generac	16456900200	8623439	2014	01046718	
3	3251174	D5010	Automatic Transfer Switch	ATS, 300 AMP	300 AMP	Jefferson-Houston K-8	Electrical room	Generac	16456900100	8623438	2014	01046717	
4	3251159	D5020	Secondary Transformer	Dry, Stepdown, 112.5 KVA		Jefferson-Houston K-8	Utility closet	Siemens	3F3Y112BESCLN3TP1	CB00600316	2016	01046740	
5	3251150	D5020	Secondary Transformer	Dry, Stepdown, 30 KVA		Jefferson-Houston K-8	Utility closet	Siemens	3F3Y030BESCLN3TP1	CB00499685	2006	01046722	
6	3251172	D5020	Secondary Transformer	Dry, Stepdown, 30 KVA	30 KVA	Jefferson-Houston K-8	Utility closet	Siemens	3F3Y030BESCLN3TP1	CB00499710	2014	01046703	
7	3251181	D5020	Secondary Transformer	Dry, Stepdown, 30 KVA	30 KVA	Jefferson-Houston K-8	Utility closet	Siemens	3F3Y030BESCLN3TP1	CB00499701	2014	01046700	
8	3251156	D5020	Secondary Transformer	Dry, Stepdown, 30 KVA	30 KVA	Jefferson-Houston K-8	Electrical room	Siemens	3F3Y030BESCLN3TP1	CB00499813	2014	01046715	
9	3251135	D5020	Secondary Transformer	Dry, Stepdown, 30 KVA		Jefferson-Houston K-8	Utility closet	Siemens	3F3Y030BESCLN3TPI	CB00499812	2014	01046720	
10	3251193	D5020	Secondary Transformer	Dry, Stepdown, 30 KVA	30 KVA	Jefferson-Houston K-8	Utility closet	Siemens	3F3Y030BESCLN3TP1	CB00499688	2014	01046706	
11	3251205	D5020	Secondary Transformer	Dry, Stepdown, 45 KVA	45 KVA	Jefferson-Houston K-8	Utility closet	Siemens	3F3Y030BESCLN3TP1	CB00601786	2014	01046702	
12	3251147	D5020	Secondary Transformer	Dry, Stepdown, 45 KVA	45 KVA	Jefferson-Houston K-8	Electrical room	Siemens	3F3Y030BESCLN3TP1	CB00601785	2014	01046713	
13	3251146	D5020	Secondary Transformer	Dry, Stepdown, 45 KVA	45 KVA	Jefferson-Houston K-8	Electrical room	Siemens	3F3Y030BESCLN3TP1	CB00601784	2014	01046716	
14	3251207	D5020	Secondary Transformer	Dry, Stepdown, 75 KVA	75 KVA	Jefferson-Houston K-8	Electrical room	Siemens	3F3Y030BESCLN3TP1	CB00599528	2014	01046711	
15	3251221	D5020	Secondary Transformer	Dry, Stepdown, 75 KVA	75 KVA	Jefferson-Houston K-8	Utility closet	Siemens	3F3Y030BESCLN3TP1	CB00599527	2014	01046704	
16	3251173	D5020	Secondary Transformer	Dry, Stepdown, 75 KVA	75 KVA	Jefferson-Houston K-8	Utility closet	Siemens	3F3Y030BESCLN3TP1	CB00599531	2014	01046699	
17	3251210	D5020	Secondary Transformer	Dry, Stepdown, 75 KVA		Jefferson-Houston K-8	Utility closet	Siemens	3F3Y075BESCLN3TP1	CB00599529	2014	01046721	
18	3251153	D5020	Secondary Transformer	Dry, Stepdown, 75 KVA	75 KVA	Jefferson-Houston K-8	Utility closet		3F3Y075BESCLN3TP1	CB00599530	2014	01046707	
19	3251190	D5020	Secondary Transformer	Dry, Stepdown, 75 KVA	75 KVA	Jefferson-Houston K-8	Electrical room	Siemens	3F3Y075BESCLN3TP1	CB00594932	2014	01046712	
20	3251155	D5020	Switchboard	277/480 V, 3000 AMP	3000 AMP	Jefferson-Houston K-8	Electrical room	Siemens	SB3	3004653239-020030-03	2014	01046710	
21	3251162	D5020	Distribution Panel	277/480 V, 800 AMP	800 AMP	Jefferson-Houston K-8		Siemens	P4E75ML800EBS	3004603369	2014	01046701	
D70 Electronic Safety & Security													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	3251152	D7050	Fire Alarm Panel	Fully Addressable		Jefferson-Houston K-8	Electrical room	Honeywell	NFS-320/E/C	Not found	2014	01046719	
E10 Equipment													
Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
1	3251145	E1030	Foodservice Equipment	Convection Oven, Double		Jefferson-Houston K-8	Kitchen	Rational	SCC WE 62G	G62SH13102371175	2014	01046748	
2	3251217	E1030	Foodservice Equipment	Convection Oven, Double		Jefferson-Houston K-8	Kitchen	Blodgett	No tag/plate found	031914CT010T	2014	01046749	
3	3251231	E1030	Foodservice Equipment	Convection Oven, Double		Jefferson-Houston K-8	Kitchen	Blodgett	No tag/plate found	No tag/plate found	2014	01046750	
4	3251139	E1030	Foodservice Equipment	Exhaust Hood, 8 to 10 LF		Jefferson-Houston K-8	Kitchen					01046752	
5	3251177	E1030	Foodservice Equipment	Exhaust Hood, 8 to 10 LF		Jefferson-Houston K-8	Kitchen					01046756	
6	3251196	E1030	Foodservice Equipment	Food Warmer, Proofing Cabinet on Wheels		Jefferson-Houston K-8	Kitchen	Cres Cor	121-PH-1818D	Not found	2014	01046751	
7	3251202	E1030	Foodservice Equipment	Food Warmer, Proofing Cabinet on Wheels		Jefferson-Houston K-8	Kitchen	Metro	C199	Not found	2014	01046760	
8	3251219	E1030	Foodservice Equipment	Food Warmer, Tabletop Drawers (Set of 4)		Jefferson-Houston K-8	Second Floor Cafeteria	No tag/plate found	No tag/plate found	No tag/plate found	2014	01046739	

9	3251195	E1030	Foodservice Equipment	Food Warmer, Tabletop Drawers (Set of 4)	Jefferson-Houston K-8	Third Floor Cafeteria	No tag/plate found	No tag/plate found	No tag/plate found	2014	01046736
10	3251182	E1030	Foodservice Equipment	Freezer, Chest	Jefferson-Houston K-8	Third Floor Cafeteria	True	Illegible	Illegible	2014	01046733
11	3251233	E1030	Foodservice Equipment	Griddle	Jefferson-Houston K-8	Kitchen	Vulcan	V2B18B-501	481816117	2014	01046757
12	3251183	E1030	Foodservice Equipment	Refrigerator, 1-Door Reach-In	Jefferson-Houston K-8	Kitchen	True	STR1FRI-1S	7976530	2014	01046761
13	3251225	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Second Floor Cafeteria	Inaccessible	Inaccessible	Inaccessible	2014	01046738
14	3251215	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Kitchen	True	STR2RRI-2S	7919280	2014	01046763
15	3251169	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Second floor cafeteria	True	STR2HRI	7976533	2014	01046737
16	3251187	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Third Floor Cafeteria	True	STR2HRI	7976532	2014	01046734
17	3251213	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Kitchen	True	STR2RRI-2S	7919278	2014	01046753
18	3251179	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Kitchen	True	STR2HRI-2S	7976531	2014	01046762
19	3251229	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Third Floor Cafeteria	True	STR2RRI-2S	7919281	2014	01046735
20	3251166	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Kitchen	True	STR2RRI-2S	7925013	2014	01046755
21	3251234	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In	Jefferson-Houston K-8	Kitchen	True	7912563	STR2RRI-2S	2014	01046754
22	3251140	E1030	Foodservice Equipment	Steamer, Freestanding	Jefferson-Houston K-8	Kitchen		XS480-12-3	1816	2016	01046758
23	3251176	E1030	Foodservice Equipment	Tilting Skillet	Jefferson-Houston K-8	Kitchen	Groen	DHT/20	93951	2013	01046759
24	3251220	E1030	Foodservice Equipment	Walk-In, Freezer	Jefferson-Houston K-8	Kitchen	Standex	E39LF098RZ/01	905899	2014	01046746
25	3251218	E1030	Foodservice Equipment	Walk-In, Refrigerator	Jefferson-Houston K-8	Kitchen	Standex	E39LC098RZ/02	905899	2014	01046747