



**BUREAU
VERITAS**

FACILITY CONDITION ASSESSMENT

prepared for

Montgomery County Public Schools

45 West Gude Drive, Suite 4000

Rockville, MD 20850



Herbert Hoover Middle School
8810 Postoak Road
Potomac, MD 20854

PREPARED BY:

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ON SITE DATE:

February 24, 2026

Bureau Veritas

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1. Executive Summary

Property Overview and Assessment Details

General Information	
Property Type	Middle school campus
Number of Buildings	1
Main Address	8810 Postoak Road, Potomac, MD 20854
Site Developed	1966, Renovated 2013
Outside Occupants / Leased Spaces	None
Date(s) of Visit	February 24, 2025
Management Point of Contact	Montgomery County Public Schools Mr. Greg Kellner Facilities Manager, Office of Facilities Management Direct 240.740.7746 Gregory_Kellner@mcpsmd.org
On-site Point of Contact (POC)	Linwood Pumphrey 240.400.3897
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AssetCalc Link	Full dataset for this assessment can be found at: https://www.assetcalc.net/

Campus Findings and Deficiencies

Historical Summary

Herbert Hoover Middle school was developed in 1966 and served the surrounding Potomac area until 2012 when it was temporarily closed while a full rebuild of the facilities occurred. The surrounding grounds were also substantially reworked, expanding athletics and recreational fields/courts in the back of the property. Since 2013, there have not been any major renovations to occur. There are no outside occupants leasing any part of the facility, although a communal trail does run through the site, tying the middle school with the other surrounding educational facilities.

Architectural

The building's exterior façade is made up of a mix of brick, metal paneling, and faux stone veneer which all were found to be good-fair condition. The primary roof modified bitumen supporting green roof trays. The roof is at half-life in fair condition. A portion of the roof was also a built-up roofing system which was observed to be in fair condition. Interior finishes were observed to be within their expected useful life and maintained or replaced on an as needed basis. The buildings structure shows limited signs of differential settlement which will need further attention.

Mechanical, Electrical, Plumbing and Fire (MEPF)

The mechanical system is comprised of a central system with chillers, water source heat pumps, air handler and various packaged units. As this system was installed during the 2013 renovation, the units are currently in the middle of their expected useful life.

The main electrical switchboard located in the main mechanical room acts as the main distribution to the secondary electrical panels and transformers located throughout. This system was totally replaced in the 2013 renovations and are currently well within their expected useful life. A back-up generator was also observed on-site and its condition was similar to the aforementioned electrical equipment.

Water is distributed using copper supply and PVC waste, with gas water heaters supplying hot water throughout. End user fixtures can be comprised of toilets, sinks, urinals, and showers along with janitors floor sinks. The system was observed to be in fair condition with one water heater showing evidence of ongoing leaks.

A wet sprinkler system was observed on-site with standpipes in the mechanical room. Fire extinguishers are located in crucial areas such as science classrooms, along with a commercial kitchen hood system.

Site

Redeveloped in 2013, the surrounding site was expanded with tennis courts and added recreational areas such as outdoor basketball courts. Site parking lots are located at the front and side of the facility, and were observed to have early stages of cracking but still functional. Site walkways made of concrete wrapped the perimeter of the building and parking along with portions of a community trail weaving between athletic fields. The walking surfaces were all observed to be in fair condition.

Recommended Additional Studies

No additional studies recommended at this time.

Facility Characteristic Survey

The facility characteristics of school and associated buildings are shown below.

Indoor air quality including temperature and relative humidity level are monitored centrally. Most instructional spaces are equipped with IAQ sensors. Each general and specialty classroom has a heating, ventilation, and air conditioning (HVAC) system capable of maintaining a temperature between 68°F and 75°F and a relative humidity between 30% and 60% at full occupancy. Each general, science, and fine-arts classroom had an HVAC system that continuously moves air and is capable of maintaining a carbon dioxide level of not more than 1,200 parts per million. The temperature, relative humidity and air quality were measured at a work surface in the approximate center of the classroom.

The acoustics with the exception of physical-education spaces, each general and specialty classroom are maintainable at a sustained background sound level of less than 55 decibels. The sound levels were measured at a work surface in the approximate center of the classroom.

Each general and specialty classroom had a lighting system capable of maintaining at least 50 foot-candles of well-distributed light. The school has appropriate task lighting in specialty classrooms where enhanced visibility is required. The light levels measured at a work surface located in the approximate center of the classroom, between clean light fixtures. The school makes efficient use of natural light for students, teachers, and energy conversation.

Classroom spaces, including those for physical education, were sufficient for educational programs that are appropriate for the class-level needs. With the exception of physical-education spaces, each general and specialty classroom contained a work surface and seat for each student in the classroom. The work surface and seat were appropriate for the normal activity of the class conducted in the room.

Each general and specialty classroom had an erasable surface and a surface suitable for projection purposes, appropriate for group classroom instruction, and a display surface.

Each general and specialty classroom had storage for classroom materials or access to conveniently located storage.

With the exception of physical-education spaces and music-education spaces, each general and specialty classroom shall had a work surface and seat for the teacher and for any aide assigned to the classroom. The classroom had secure storage for student records that is located in the classroom or is conveniently accessible to the classroom.

The school was constructed with sustainable design practices. The schools use durable, timeless, low-maintenance exterior materials. The school's materials (particularly shell) should withstand time as well as potential impacts related to structural, site and climate changes.

The school is functionally equitable. All students in this school have access to safe, well-maintained, and appropriately equipped learning environments as students in other MCPS schools. As part of the evaluation factor, the MDCI will be presented upon final of all assessments.



Facility Condition Index (FCI) Depleted Value

A School Facility's total FCI Depleted Value (below) and FCI Replacement Value (above) are the sum of all of its building assets and systems values. A School Facility with full estimated life of all systems (a brand new school) would have a 0 FCI. The FCIs cannot exceed 1.

The Facility Condition Index (FCI) Depleted Value quantifies the depleted life and value of a facility's primary building assets, systems and components such as roofs, windows, walls, and HVAC systems. FCI Depleted Value metrics are useful for estimating the levels of spending necessary to achieve and maintain a specific level of physical condition. Lower scores are better, as facilities with lower FCI scores have fewer building-system deficiencies, are more reliable, and will require less maintenance spending on systems replacement and mission-critical emergencies.

The FCI Depleted Value of this school is 0.325740.

Immediate Needs

There are no immediate needs to report.



Key Findings



Pump in Poor condition.

Fire Suppression
Main Building Herbert Hoover Middle School
048 - Mechanical

Uniformat Code: D4010
Recommendation: **Replace in 2027**

Priority Score: **87.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$30,000

\$\$\$\$

Heavily rusted - AssetCALC ID: 10500475



Parking Lots in Poor condition.

Pavement, Asphalt
Site Herbert Hoover Middle School Parking lots

Uniformat Code: G2020
Recommendation: **Mill & Overlay in 2027**

Priority Score: **84.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$238,000

\$\$\$\$

Cracking throughout - AssetCALC ID: 10394488



Interior Wall Construction in Poor condition.

Gypsum Board/Plaster
Main Building Herbert Hoover Middle School
Hallway @ Stair #5

Uniformat Code: C1010
Recommendation: **Replace in 2027**

Priority Score: **84.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$8,800

\$\$\$\$

Cracking at corners and seams - AssetCALC ID: 10500467



Water Heater in Failed condition.

Gas, Commercial (200 MBH)
Main Building Herbert Hoover Middle School
Utility basement

Uniformat Code: D2010
Recommendation: **Replace in 2026**

Priority Score: **83.9**

Plan Type:
Performance/Integrity

Cost Estimate: \$16,600

\$\$\$\$

Not operational - AssetCALC ID: 10500399



Water Heater in Poor condition.

Gas, Commercial (200 MBH)
Main Building Herbert Hoover Middle School
Utility basement

Uniformat Code: D2010
Recommendation: **Replace in 2027**

Priority Score: **83.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$16,600

\$\$\$\$

Small leak coming from clean out - AssetCALC ID: 10500504



Athletic Surfaces & Courts in Poor condition.

Basketball/General, Asphalt Pavement
Site Herbert Hoover Middle School Site

Uniformat Code: G2050
Recommendation: **Mill & Overlay in 2027**

Priority Score: **82.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$98,000

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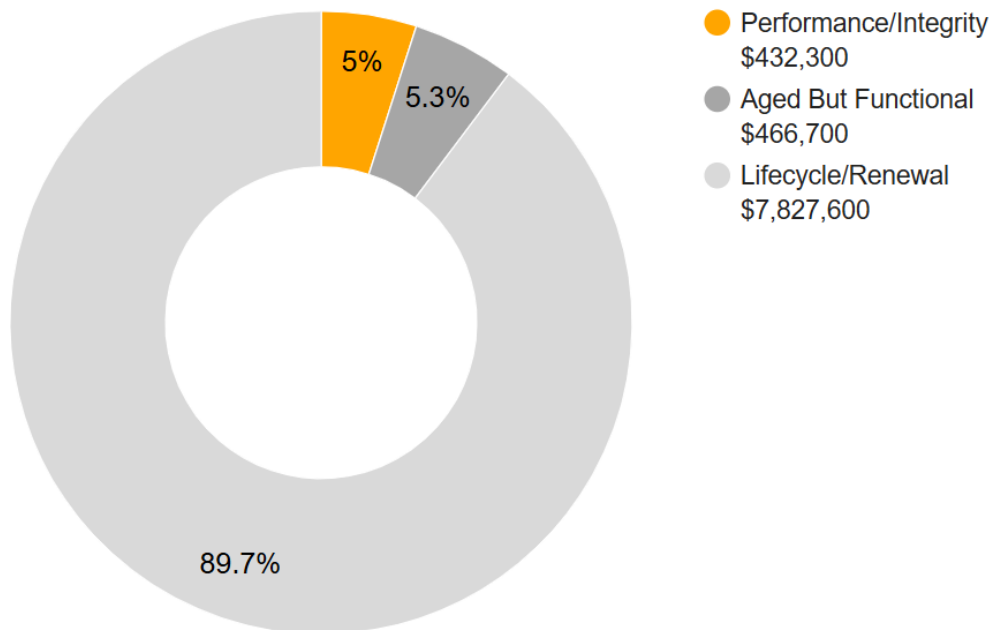
Large cracking throughout - AssetCALC ID: 10394489

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 and highest on the list below.

Plan Type Descriptions & Distribution

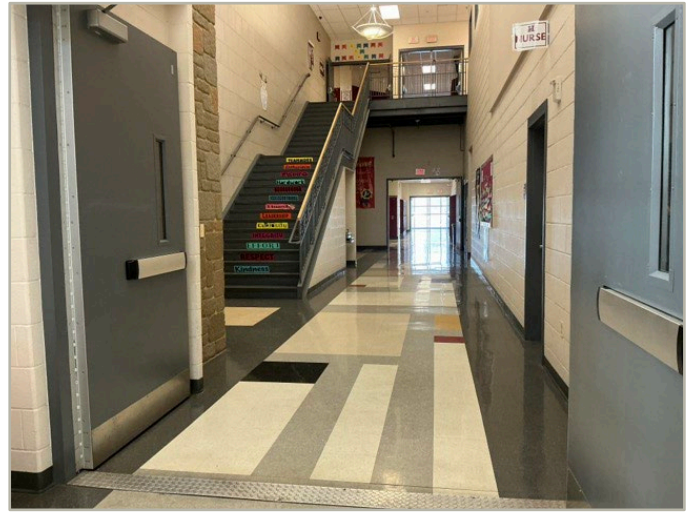
Safety	■	An observed or reported unsafe condition that if left unaddressed could result in injury; a system or component that presents potential liability risk.
Performance/Integrity	■	Component or system has failed, is almost failing, performs unreliably, does not perform as intended, and/or poses risk to overall system stability.
Accessibility	■	Does not meet ADA, UFAS, and/or other accessibility requirements.
Environmental	■	Improvements to air or water quality, including removal of hazardous materials from the building or site.
Retrofit/Adaptation	■	Components, systems, or spaces recommended for upgrades in in order to meet current standards, facility usage, or client/occupant needs.
Aged But Functional	■	Any component or system that has aged past its industry-average expected useful life (EUL) but is not currently deficient or problematic.
Lifecycle/Renewal	■	Any component or system that is neither deficient nor aged past EUL but for which future replacement or repair is anticipated and budgeted.



10-YEAR TOTAL: \$8,726,600



2. Building Information



Main Building: Systems Summary

Address	8810 Postoak Road, Potomac, MD 20854
GPS Coordinates	39 02 41.78", 77 10 43.54"
Constructed/Renovated	1966 / 2013
Building Area	165,367 SF
Number of Stories	2 above grade

<i>System</i>	<i>Description</i>	<i>Condition</i>
Structure	Steel frame with concrete-topped metal decks over concrete pad column footings	Good
Façade	Primary Wall Finish: Brick Secondary Wall Finish: Stone veneer Windows: Aluminum	Fair
Roof	Primary: Flat construction with modified bituminous finish Secondary: Built-up	Fair
Interiors	Walls: Painted gypsum board, painted CMU, Brick Floors: Carpet, VCT, ceramic tile, quarry tile, wood strip Ceilings: Painted gypsum board and ACT	Fair
Elevators	Passenger: 1 hydraulic cars serving all 2 floors	Fair



Main Building: Systems Summary		
Plumbing	Distribution: Copper supply and PVC waste & venting Hot Water: Gas water heaters with integral tanks Fixtures: Toilets, urinals, and sinks in all restrooms	Fair
HVAC	Central System: Boilers and chillers feeding air handlers; water source heat pumps Non-Central System: Packaged units Supplemental components: Ductless split-systems	Fair
Fire Suppression	Wet-pipe sprinkler system, fire extinguishers, and kitchen hood system	Fair
Electrical	Source & Distribution: Main switchboard with copper wiring Interior Lighting: linear fluorescent Exterior Building-Mounted Lighting: fluorescent Emergency Power: Diesel generator with automatic transfer switch	Fair
Fire Alarm	Alarm panel with smoke detectors, heat detectors, alarms, strobes, pull stations, back-up emergency lights, and exit signs	Fair
Equipment/Special	Commercial kitchen equipment	Fair
Accessibility	Presently it does not appear an accessibility study is needed for this building. See the appendix for associated photos and additional information.	
Additional Studies	No additional studies are currently recommended for the building.	
Areas Observed	The interior spaces were observed to gain a clear understanding of the facility's overall condition. Other areas accessed and assessed included the exterior equipment and assets directly serving the buildings, the exterior walls of the facility, and the roofs.	
Key Spaces Not Observed	All key areas of the facility were accessible and observed.	

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	-	-	-	-	-	-
Facade	-	-	-	-	\$143,100	\$143,100
Roofing	-	-	\$301,900	\$483,400	\$659,800	\$1,445,100
Interiors	-	\$9,300	\$736,300	\$1,065,000	\$2,781,300	\$4,591,900
Conveying	-	-	\$10,100	\$6,500	\$112,200	\$128,900
Plumbing	-	\$34,700	\$9,600	\$11,800	\$396,000	\$452,100
HVAC	-	-	\$34,600	\$2,063,700	\$472,000	\$2,570,300
Fire Protection	-	\$31,800	-	\$23,200	\$279,000	\$334,000
Electrical	-	-	\$133,400	\$70,500	\$1,752,900	\$1,956,800
Fire Alarm & Electronic Systems	-	-	\$372,200	\$1,022,300	\$579,900	\$1,974,500
Equipment & Furnishings	-	\$3,400	\$70,400	\$1,562,400	\$229,900	\$1,866,100
Site Utilities	-	-	-	\$8,400	-	\$8,400
TOTALS (3% inflation)	-	\$79,200	\$1,668,500	\$6,317,200	\$7,406,200	\$15,471,100

3. Site Summary



Site Information		
Site Area	14.6 acres (estimated)	
Parking Spaces	140 total spaces all in open lots; 6 of which are accessible.	
<i>System</i>	<i>Description</i>	<i>Condition</i>
Site Pavement	Asphalt lots with limited areas of concrete aprons and pavement and adjacent concrete sidewalks, curbs, ramps, and stairs	Fair
Site Development	Property entrance signage; chain link fencing Sports fields and courts with bleachers, and site lights Limited park benches, picnic tables, trash receptacles	Fair
Landscaping & Topography	Limited landscaping features including lawns, trees, bushes, and planters Irrigation not present Concrete retaining walls Low to moderate site slopes throughout	Fair
Utilities	Municipal water and sewer Local utility-provided electric and natural gas	Fair
Site Lighting	Pole-mounted: LED Pedestrian walkway and landscape accent lighting	Fair
Ancillary Structures	Storage sheds	Fair

Site Information	
Site Accessibility	Presently it does not appear an accessibility study is needed for the exterior site areas. See the appendix for associated photos and additional information.
Site Additional Studies	No additional studies are currently recommended for the exterior site areas.
Site Areas Observed	The exterior areas within the property boundaries were observed to gain a clear understanding of the site's overall condition.
Site Key Spaces Not Observed	All key areas of the exterior site were accessible and observed.

The table below shows the anticipated costs by trade or site 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
Electrical	-	-	-	-	\$130,100	\$130,100
Special Construction & Demo	-	-	-	-	\$137,500	\$137,500
Site Development	-	\$104,000	\$32,600	\$95,900	\$179,300	\$411,800
Site Pavement	-	\$252,500	\$33,400	\$38,800	\$97,000	\$421,700
Site Utilities	-	-	-	\$104,400	-	\$104,400
TOTALS (3% inflation)	-	\$356,500	\$66,100	\$239,100	\$543,900	\$1,205,600

4. 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 material 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 assessment. A full measured ADA survey would be required to identify more 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 included in the dataset
- For any “none” boxes checked or reference to “no issues” identified, that alone does not guarantee full compliance

The following table summarizes the accessibility conditions of the general site and each significant building or building group included in this report:

Accessibility Summary			
<i>Facility</i>	<i>Year Built/ Renovated</i>	<i>Prior Study Provided?</i>	<i>Major/Moderate Issues Observed?</i>
General Site	1966 / 2013	No	No
Main Building	1966 / 2013	No	No

No detailed follow-up accessibility study is currently recommended since no major or moderate issues were identified at the subject site. Reference the appendix for specific data, photos, and tables or checklists associated with this limited accessibility survey.



5. 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	
Excellent	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.
Good	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.
Fair	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.
Poor	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.
Failed	Component or system has ceased functioning or performing as intended. Replacement, repair, or other significant corrective action is recommended or required.
Not Applicable	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.

6. Opinions of Probable Costs

Cost estimates are embedded throughout this report, including the detailed Replacement Reserves report in the appendix. The cost estimates are predominantly based on construction rehabilitation costs developed by the *RSMeans data from Gordian*. While the *RSMeans data from Gordian* is the primary reference source for the Bureau Veritas cost library, secondary and supporting sources include but are not limited to other industry experts work, such as *Marshall & Swift* and *CBRE Whitestone*. For improved accuracy, additional research integrated with Bureau Veritas's historical experience with past costs for similar properties, city cost indexes, and assumptions regarding future economic conditions also come into play when deemed necessary. Invoice or bid documents provided either by the owner or facility construction resources may be reviewed early in the process or for specific projects as warranted.

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.

To account for differences in prices between locations, the base costs are modified by geographical location factors to adjust for market conditions, transportation costs, or other local contributors. When requested by the client, the costs may be further adjusted by several additional factors including; labor rates (prevailing minimum wage), general contractor fees for profit and overhead, and insurance. If desired, costs for design and permits, and a contingency factor, may also be included in the calculations.

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 system or component 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.

7. Certification

Montgomery County Public Schools (the Client) retained Bureau Veritas to perform this Facility Condition Assessment in connection with its continued operation of Herbert Hoover Middle School, 8810 Postoak Road, Potomac, MD 20854, 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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8. Appendices

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

Appendix A:

Photographic Record

Photographic Overview



1 - FRONT ELEVATION



2 - LEFT ELEVATION



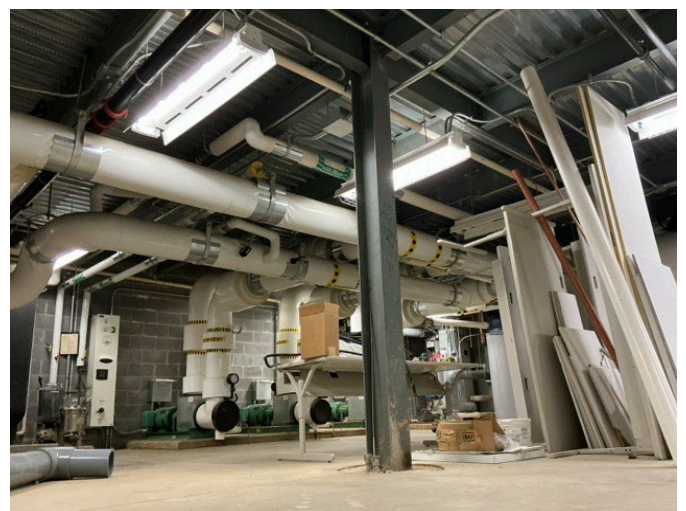
3 - REAR ELEVATION



4 - RIGHT ELEVATION

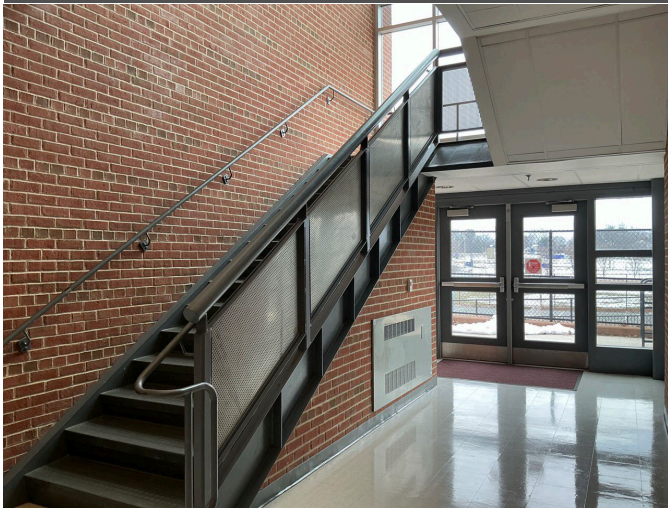


5 - LEED CERTIFICATION



6 - STRUCTURAL OVERVIEW

Photographic Overview



7 - STAIRS



8 - BUILT-UP ROOF



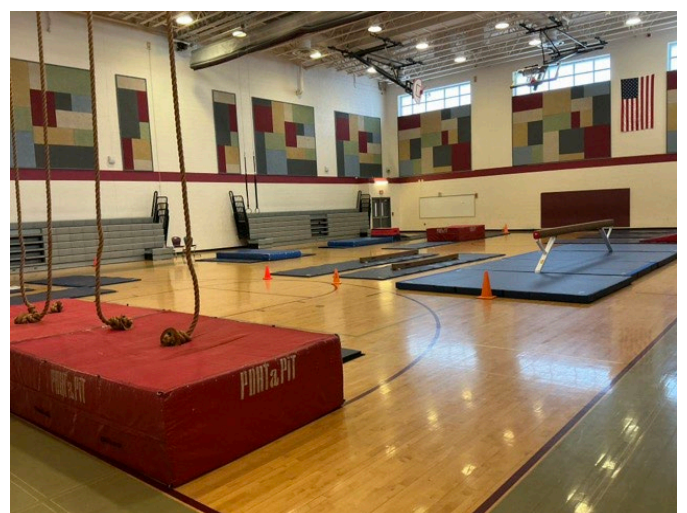
9 - TPO ROOF WITH GREEN ROOF



10 - CAFETERIA



11 - ART CLASSROOM



12 - GYMNASIUM



Photographic Overview



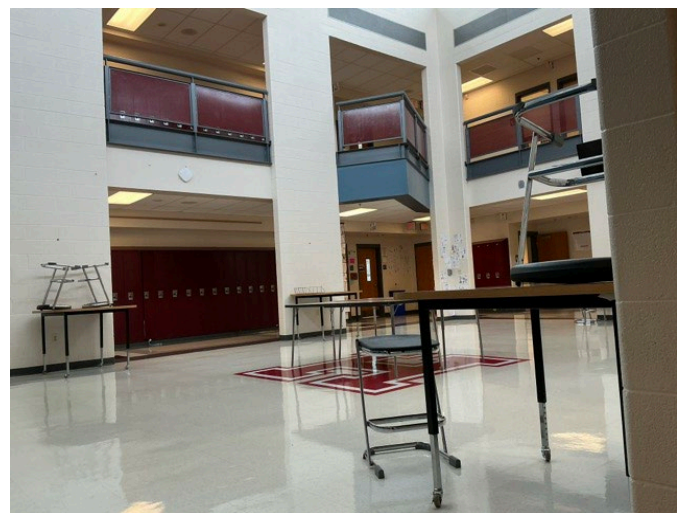
13 - LIBRARY



14 - GANG RESTROOM



15 - TYPICAL CLASSROOM



16 - INTERIOR CIRCULATION



17 - NURSES CLINIC



18 - CHORUS

Photographic Overview



19 - WATER HEATERS



20 - BOILERS & PUMPS



21 - ROOFTOP MECHANICAL EQUIPMENT



22 - MAIN MECHANICAL ROOM



23 - SECONDARY ELECTRICAL ROOM



24 - EMERGENCY GENERATOR

Photographic Overview



25 - MAIN SWITCHGEAR



26 - MONUMENT SIGNAGE



27 - MAIN PARKING LOT



28 - WALKWAYS



29 - SITE FURNISHINGS





30 - TENNIS COURTS

Appendix B:

Site Plan(s)

Site Plan



	Project Number	Site Name	
	172559.25R000-149.354	Herbert Hoover Middle School	
	Source	On-Site Date	
	Google	February 24, 2026	

Appendix C:

Pre-Survey Questionnaire(s)

BV FACILITY CONDITION ASSESSMENT: PRE-SURVEY QUESTIONNAIRE

Building / Facility Name: Herbert Hoover Middle School

Name of person completing form: Linwood pumphrey

Title / Association w/ property: Building service manager

Length of time associated w/ property: 26 years

Date Completed: February 24, 2026

Phone Number: (240) 400 3897

Method of Completion: 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.

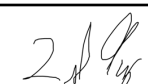
Data Overview		Response		
1	Year(s) constructed	Constructed 1966	Renovated	2000 add on atrium - 2013 - front main entrance
2	Building size in SF	SF		
3	Major Renovation/Rehabilitation		Year	Additional Detail
		Facade		
		Roof		
		Interiors		
		HVAC		
		Electrical		
		Site Pavement		
		Accessibility		
4	List other significant capital improvements (focus on recent years; provide approximate date).			
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?	X				Step cracking
8	Are there any wall, window, basement or roof leaks?	X				Nothing ongoing major
9	Has any part of the facility ever contained visible suspect mold growth, or have there been any indoor air quality complaints?		X			
10	Are your elevators unreliable, with frequent service calls?	X				Jerking at floor arrival
11	Are there any plumbing leaks, water pressure, or clogging/backup issues?	X				—
12	Have there been any leaks or pressure problems with natural gas, HVAC piping, or steam service?		X			
13	Are any areas of the facility inadequately heated, cooled or ventilated? Poorly insulated areas?	X				2 rooms need motors
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				Sinkhole in parking lot - filled once and came back
18	ADA: Has an accessibility study been previously performed? If so, when?	X				Check with PGM
19	ADA: Have any ADA improvements been made to the property since original construction? Describe.	X				
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		



Signature of Assessor



Signature of POC

Appendix D:

Accessibility Review and Photos

Visual Checklist - 2010 ADA Standards for Accessible Design

Property Name: Herbert Hoover Middle School

BV Project Number: 172559.25R000-149.354

Abbreviated Accessibility Checklist				
Facility History & 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.		✘	Full Reno
3	Has building management reported any accessibility-based complaints or litigation?		✘	

Abbreviated Accessibility Checklist

Parking



OVERVIEW OF ACCESSIBLE PARKING AREA

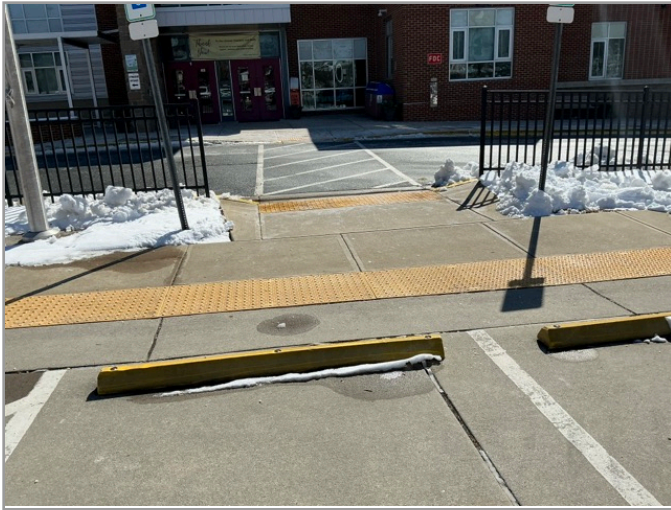


2ND AREA OF ACCESSIBLE PARKING

Question		Yes	No	NA	Comments
1	Does the required number of standard ADA designated spaces appear to be provided ?	✘			
2	Does the required number of van-accessible designated spaces appear to be provided ?	✘			
3	Are accessible spaces on the shortest accessible route to an accessible building entrance ?	✘			
4	Does parking signage include the International Symbol of Accessibility ?	✘			
5	Does each accessible space have an adjacent access aisle ?	✘			
6	Do parking spaces and access aisles appear to be relatively level and without obstruction ?	✘			

Abbreviated Accessibility Checklist

Exterior Accessible Route



ACCESSIBLE PATH



CURB CUT

Question		Yes	No	NA	Comments
1	Is an accessible route present from public transportation stops and municipal sidewalks on or immediately adjacent to the property ?	✗			
2	Does a minimum of one accessible route appear to connect all public areas on the exterior, such as parking and other outdoor amenities, to accessible building entrances ?	✗			
3	Are curb ramps present at transitions through raised curbs on all accessible routes?	✗			
4	Do curb ramps appear to have compliant slopes for all components ?	✗			
5	Do ramp runs on an accessible route appear to have compliant slopes ?	✗			
6	Do ramp runs on an accessible route appear to have a compliant rise and width ?	✗			

7	Do ramps on an accessible route appear to have compliant end and intermediate landings ?	X			
8	Do ramps and stairs on an accessible route appear to have compliant handrails?	X			
9	For stairways that are open underneath, are permanent barriers present that prevent or discourage access?	X			

Abbreviated Accessibility Checklist

Building Entrances



MAIN ENTRANCE



ADDITIONAL ENTRANCE

Question		Yes	No	NA	Comments
1	Do a sufficient number of accessible entrances appear to be provided ?	X			
2	If the main entrance is not accessible, is an alternate accessible entrance provided?	X			
3	Is signage provided indicating the location of alternate accessible entrances ?	X			
4	Do doors at accessible entrances appear to have compliant maneuvering clearance area on each side ?	X			
5	Do doors at accessible entrances appear to have compliant hardware ?	X			
6	Do doors at accessible entrances appear to have a compliant clear opening width ?	X			

7	Do pairs of accessible entrance doors in series appear to have the minimum clear space between them ?	X			
8	Do thresholds at accessible entrances appear to have a compliant height ?	X			

Abbreviated Accessibility Checklist

Interior Accessible Route



ACCESSIBLE INTERIOR PATH



ACCESSIBLE INTERIOR RAMP

Question		Yes	No	NA	Comments
1	Does an accessible route appear to connect all public areas inside the building ?	X			
2	Do accessible routes appear free of obstructions and/or protruding objects ?	X			
3	Do ramps on accessible routes appear to have compliant slopes ?	X			
4	Do ramp runs on an accessible route appear to have a compliant rise and width ?	X			
5	Do ramps on accessible routes appear to have compliant end and intermediate landings ?	X			
6	Do ramps on accessible routes appear to have compliant handrails ?	X			

7	Are accessible areas of refuge and the accessible means of egress to those areas identified with accessible signage ?	X			
8	Do public transaction areas have an accessible, lowered service counter section ?	X			
9	Do public telephones appear mounted with an accessible height and location ?	X			
10	Do doors at interior accessible routes appear to have compliant maneuvering clearance area on each side ?	X			
11	Do doors at interior accessible routes appear to have compliant hardware ?	X			
12	Do non-fire hinged, sliding, or folding doors on interior accessible routes appear to have compliant opening force ?	X			
13	Do doors on interior accessible routes appear to have a compliant clear opening width ?	X			

Abbreviated Accessibility Checklist

Elevators



LOBBY LOOKING AT CABS (WITH DOORS OPEN)



IN-CAB CONTROLS

Question		Yes	No	NA	Comments
1	Are hallway call buttons configured with the "UP" button above the "DOWN" button?	✗			
2	Is accessible floor identification signage present on the hoistway sidewalls on each level ?	✗			
3	Do the elevators have audible and visual arrival indicators at the lobby and hallway entrances?	✗			
4	Do the elevator hoistway and car interior appear to have a minimum compliant clear floor area ?	✗			
5	Do the elevator car doors have automatic re-opening devices to prevent closure on obstructions?	✗			
6	Do elevator car control buttons appear to be mounted at a compliant height ?	✗			

7	Are tactile and Braille characters mounted to the left of each elevator car control button ?	X			
8	Are audible and visual floor position indicators provided in the elevator car?	X			
9	Is the emergency call system on or adjacent to the control panel and does it not require voice communication ?	X			

Abbreviated Accessibility Checklist

Public Restrooms



TOILET STALL OVERVIEW



SINK, FAUCET HANDLES AND ACCESSORIES

Question		Yes	No	NA	Comments
1	Do publicly accessible toilet rooms appear to have a minimum compliant floor area ?	✗			
2	Does the lavatory appear to be mounted at a compliant height and with compliant knee area ?	✗			
3	Does the lavatory faucet have compliant handles ?	✗			
4	Is the plumbing piping under lavatories configured to protect against contact ?	✗			
5	Are grab bars provided at compliant locations around the toilet ?	✗			
6	Do toilet stall doors appear to provide the minimum compliant clear width ?	✗			

7	Do toilet stalls appear to provide the minimum compliant clear floor area ?	X			
8	Where more than one urinal is present in a multi-user restroom, does minimum one urinal appear to be mounted at a compliant height and with compliant approach width ?	X			
9	Do accessories and mirrors appear to be mounted at a compliant height ?	X			

Abbreviated Accessibility Checklist

Kitchens/Kitchenettes



BREAKROOM OVERVIEW



SINK CLEARANCE

Question		Yes	No	NA	Comments
1	Do kitchens/kitchenettes appear to have a minimum compliant path of travel or area of maneuverability ?	✗			
2	Are the appliances centered for a parallel or forward approach with adequate clear floor space ?	✗			
3	Is there an accessible countertop/preparation space of proper width and height ?	✗			
4	Is there an accessible sink space of proper width and height ?	✗			
5	Does the sink faucet have compliant handles ?	✗			
6	Is the plumbing piping under the sink configured to protect against contact ?	✗			

7	Are the cooktop/range controls front-mounted (or in a location that does not require reaching across the burners) ?	✗			
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Appendix E:

Component Condition Report



Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
Structure						
A1010	Throughout Building	Fair	Foundation System, Concrete Strip/Pad Footings w/ Slab	165,367 SF	64	10394371
B1010	Throughout Building	Fair	Structural Framing, Steel Columns & Beams	165,367 SF	64	10500472
B1080	Stair #5	Fair	Stairs, Metal or Pan-Filled, Interior	400 SF	39	10394381
B1080	Stair #3	Fair	Stairs, Metal or Pan-Filled, Interior	800 SF	39	10394280
B1080	Roof	Fair	Stairs, Metal or Pan-Filled, Exterior	120 SF	29	10500468
B1080	Stair #4	Fair	Stairs, Metal or Pan-Filled, Interior	800 SF	39	10394325
B1080	Stair #1	Fair	Stairs, Metal or Pan-Filled, Interior	600 SF	39	10394347
B1080	Stair #2	Fair	Stairs, Metal or Pan-Filled, Interior	600 SF	39	10394319
Facade						
B2010	Building Exterior	Fair	Exterior Walls, Metal/Insulated Sandwich Panels	28,000 SF	34	10394338
B2010	Building Exterior	Good	Exterior Walls, Brick Veneer	32,000 SF	38	10394292
B2010	Building Exterior	Fair	Exterior Walls, Stone	5,000 SF	39	10500473
B2020	138 - Media Center	Fair	Storefront, Glazing & Framing	1,200 SF	19	10500437
B2050	Building Exterior	Fair	Exterior Door, Aluminum-Framed & Glazed, Standard Swing	12	19	10500438
Roofing						
B3010	Roof	Fair	Roofing, Modified Bitumen	90,000 SF	8	10500385
B3010	Roof	Fair	Green roof, vegetation tray refurbishment	90,000 SF	4	10500428
B3010	Roof	Fair	Roofing, Built-Up	12,000 SF	14	10500510
B3020	Roof	Fair	Roof Appurtenances, Roof Access Ladder, Steel	50 LF	28	10500499
Interiors						
C1010	Throughout Building	Fair	Interior Wall, Stone	2,200 SF	39	10394377
C1010	Hallway @ Stair #5	Poor	Interior Wall Construction, Gypsum Board/Plaster	2,500 SF	2	10500467
C1030	Throughout Building	Fair	Interior Door, Wood, Solid-Core Commercial	58	29	10394342

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
C1030	Throughout Building	Fair	Interior Door, Steel, Standard	20	29	10394337
C1070	Throughout Building	Fair	Suspended Ceilings, Acoustical Tile (ACT)	140,000 SF	14	10394330
C1090	Gang restrooms	Fair	Toilet Partitions, Metal	58	9	10394307
C1090	Hallways & Common Areas	Fair	Lockers, Steel-Baked Enamel, 6' Height per LF	800 LF	9	10394287
C2010	Throughout Building	Fair	Wall Finishes, Ceramic Tile	8,000 SF	29	10394314
C2010	Throughout Building	Fair	Wall Finishes, any surface, Prep & Paint	250,000 SF	6	10394353
C2010	Gymnasium	Fair	Wall Finishes, Acoustical Tile (ACT), Fabric-Faced	1,600 SF	14	10500409
C2010		Fair	Wall Finishes, Gym Wall Pads, Secured and 1.5" Thick	250 SF	4	10500464
C2010	Gang restrooms	Fair	Wall Finishes, Ceramic Tile	10,000 SF	29	10500431
C2030	Throughout Building	Fair	Flooring, Carpet, Commercial Tile	4,000 SF	6	10500470
C2030	Auxiliary Gyms	Fair	Flooring, Maple Sports Floor	2,200 SF	19	10500366
C2030	Throughout Building	Fair	Flooring, Vinyl Tile (VCT)	130,000 SF	4	10394332
C2030	Gang restrooms	Fair	Flooring, Ceramic Tile	8,000 SF	29	10500480
C2030	Gymnasium	Fair	Flooring, Maple Sports Floor	5,500 SF	16	10500382
C2050	Throughout Building	Fair	Ceiling Finishes, Gypsum Board/Plaster	20,000 SF	39	10500422
Conveying						
D1010	159 - Elevator Equipment	Fair	Elevator Controls, Automatic, 1 Car, 2500 LBS	1	9	10394278
D1010	Elevator 1	Fair	Elevator Cab Finishes, Standard	1	4	10394339
D1010	Elevator 1	Fair	Passenger Elevator, Hydraulic, 2 Floors, 1500 to 2500 LB, 2500 lb, Renovate	1	19	10394355
Plumbing						
D2010	Throughout Building	Good	Plumbing System, Supply & Sanitary, Low Density (excludes fixtures)	165,367 SF	29	10394352
D2010	Gang restrooms	Fair	Toilet, Commercial Water Closet	59	19	10394315
D2010	Gang restrooms	Fair	Sink/Lavatory, Wall-Hung, Enameled Steel	55	19	10394269
D2010	Across from 004	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	1	9	10500402
D2010	153 - Science Classroom	Fair	Emergency Plumbing Fixtures, Eye Wash & Shower Station	1	9	10394327

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
D2010		Fair	Sink/Lavatory, Vanity Top, Stainless Steel	25	19	10394362
D2010	Utility basement	Poor	Water Heater, Gas, Commercial (200 MBH), 119 GAL	1	2	10500504
D2010	Across from 188	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	1	8	10394378
D2010	Science classrooms	Fair	Sink/Lavatory, Vanity Top, Enameled Steel	7	19	10500429
D2010	Utility basement	Failed	Water Heater, Gas, Commercial (200 MBH), 125 GAL	1	1	10500399
D2010	192 - Building Services	Fair	Sink/Lavatory, Service Sink, Floor	1	10	10394281
D2010	Gang restrooms	Fair	Urinal, Standard	15	19	10394270
D2010	Across from 207	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	1	3	10500375
D2010	Across from 188	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	1	8	10394318
D2010	In front of 139A	Fair	Drinking Fountain, Wall-Mounted, Bi-Level	1	9	10394351
D2060	046 - Mechanical	Fair	Air Compressor, Tank-Style, 2 HP	1	3	10500458
HVAC						
D3020	Utility basement	Fair	Boiler Supplemental Components, Expansion Tank, 101 - 175 GAL [ET-1]	1	36	10500491
D3030	213A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-53]	1	8	10500391
D3030	179 - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2.5 TON [HPU-34]	1	8	10394305
D3030	035A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 1.5 TON [HPU-15]	1	8	10500509
D3030	179 - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2 TON [HPU-38]	1	8	10394320
D3030	007A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-6]	1	8	10500362
D3030	182B - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-41]	1	8	10394357
D3030	216A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-60]	1	8	10500466
D3030	010A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-4]	1	8	10500447
D3030	205A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 1.5 TON [HPU-50]	1	8	10500498
D3030	011A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-9]	1	8	10500471
D3030	146A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-25]	1	8	10394367
D3030	213A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-54]	1	8	10500367

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
D3030	212A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-61]	1	8	10500413
D3030	216A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 5 TON [HPU-59]	1	8	10500427
D3030	033A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-13]	1	8	10500506
D3030	Roof	Fair	Split System Ductless, Single Zone, 1.5 TON	1	3	10500484
D3030	Roof	Fair	Split System Ductless, Single Zone, 1 TON [DSS-3]	1	3	10500493
D3030	011A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-8]	1	8	10500460
D3030	144A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2.5 TON [HPU-24]	1	8	10394273
D3030	007A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-7]	1	8	10500463
D3030	Roof	Fair	Split System Ductless, Single Zone, 1 TON	1	3	10500439
D3030	189C - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2 TON [HPU-19]	1	8	10394329
D3030	179 - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2 TON [HPU-35]	1	8	10394317
D3030	036A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-16]	1	8	10500412
D3030	147 - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-28]	1	8	10394324
D3030	046 - Mechanical	Fair	Chiller, Vapor Absorption, 80 to 100 TON, 80 TON	1	19	10500405
D3030	Roof	Fair	Split System Ductless, Single Zone, Condenser & Evaporator, 0.75 to 1 TON, 1 TON [ACU-2]	1	3	10500441
D3030	014A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-5]	1	8	10500444
D3030	179 - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2.5 TON [HPU-37]	1	8	10394286
D3030	Roof	Fair	Split System Ductless, Single Zone, Condenser & Evaporator, 1.5 to 2 TON	1	4	10500390
D3030	207A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-51]	1	8	10500453
D3030	207A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-52]	1	8	10500419
D3030	155A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-30]	1	8	10394344
D3030	189C - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-20]	1	8	10394335
D3030	144A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2.5 TON [HPU-23]	1	8	10394334
D3030	010A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-3]	1	8	10500372
D3030	033A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2.5 TON [HPU-14]	1	8	10500461

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
D3030	188B - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 2.5 TON [HPU-40]	1	8	10394326
D3030	200A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-47]	1	8	10500442
D3030	Roof	Fair	Split System Ductless, Single Zone, 1.5 TON	1	3	10500446
D3030	Roof	Fair	Split System Ductless, Single Zone, 1 TON	1	3	10500492
D3030	217A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-55]	1	8	10500384
D3030	147 - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-27]	1	8	10394290
D3030	146A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-26]	1	8	10394300
D3030	018A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-10]	1	8	10500361
D3030	221A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-57]	1	8	10500494
D3030	200A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-48]	1	8	10500396
D3030	Roof	Fair	Condensing Unit/Heat Pump, Split System, Exterior, 3.5 TON	1	3	10500507
D3030	217A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 1.5 TON [HPU-56]	1	8	10500393
D3030	205A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-49]	1	8	10500394
D3030	217A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 3 TON [HPU-58]	1	8	10500411
D3030	046 - Mechanical	Fair	Chiller, Vapor Absorption, 10 to 50 TON, 50 TON	1	26	10500395
D3030	199E - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 1.5 TON [HPU-43]	1	8	10394301
D3030	151A - Mechanical room	Fair	Heat Pump, Water Source, Interior Unit, 5 TON, 4 TON [HPU-29]	1	8	10394310
D3050	Roof	Fair	Air Handler, Exterior AHU, Packaged, 10001 to 15000 CFM, 13000 CFM [DOAU-3]	1	8	10500456
D3050	Roof	Fair	Air Handler, Exterior AHU, 9100 CFM [AHU-2]	1	8	10500501
D3050	Utility basement	Fair	Pump, Distribution, HVAC Chilled or Condenser Water, 50 HP	1	13	10500465
D3050	Roof	Fair	Air Handler, Exterior AHU, Packaged, 8001 to 10000 CFM, 9800 CFM	1	9	10500386
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 10 TON [RHPU-5]	1	8	10500488
D3050	Utility basement	Fair	Pump, Distribution, HVAC Chilled or Condenser Water, 50 HP [PUMP-2]	1	13	10500462
D3050	Roof	Fair	Air Handler, Exterior AHU, 5600 CFM [AHU-3]	1	8	10500440
D3050	Roof	Fair	Air Handler, Exterior AHU, 1201 - 2400 CFM [DOAU-1]	1	8	10500371

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
D3050	046 - Mechanical	Fair	Air Handler, Interior AHU, Built-Up, 8001 to 10000 CFM, 8700 CFM, Renovate	1	9	10500363
D3050	Roof	Fair	Air Handler, Exterior AHU, Packaged, 6001 to 8000 CFM, 8000 CFM [ERU-1]	1	9	10500486
D3050	Roof	Fair	Packaged Unit, RTU, Roof-Mounted, 5 TON, 5 TON [RHPU-1]	1	9	10500383
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 7.5 TON [RHPU-6]	1	8	10500459
D3050	Roof	Fair	Make-Up Air Unit, MUA or MAU, 2000 to 6000 CFM	1	9	10500420
D3050	Roof	Fair	Packaged Unit, RTU, Roof-Mounted, 4 TON, 4 TON	1	9	10500392
D3050	Utility basement	Fair	Pump, Distribution, HVAC Chilled or Condenser Water, 50 HP	1	13	10500398
D3050	Throughout Building	Fair	HVAC System, Hydronic Piping, 4-Pipe	165,367 SF	29	10394369
D3050	Roof	Fair	Air Handler, Exterior AHU, Packaged, 10001 to 15000 CFM [DOAU-2]	1	9	10500376
D3050	Roof	Fair	Air Handler, Exterior AHU, Packaged, 2401 to 4000 CFM, 2800 CFM [ERU-3]	1	8	10500445
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 20 TON [RHPU-3]	1	8	10500457
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 6 TON [RHPU-4]	1	8	10500500
D3050	Roof	Fair	Air Handler, Exterior AHU, Packaged, 8001 to 10000 CFM, 9500 CFM	1	9	10500373
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 430 CFM [EF-4]	1	8	10500434
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 940 CFM [EF-15]	1	8	10500421
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 940 CFM [EF-10]	1	8	10500426
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 500 CFM [EF-43]	1	8	10500508
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, 1025 CFM [EF-5]	1	8	10500403
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 2975 CFM	1	9	10500477
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 750 CFM [EF-2]	1	8	10500469
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 450 CFM [EF-32]	1	8	10500368
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 940 CFM [EF-16]	1	8	10500454
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 1150 CFM	1	9	10500410
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 900 CFM [EF-33]	1	8	10500370
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 500 CFM [EF-42]	1	8	10500418

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UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 940 CFM [EF-9]	1	8	10500451
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 50 to 500 CFM, 400 CFM	1	9	10500482
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 36"Damper, 8750 CFM [EF-28]	1	8	10500369
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 2950 CFM [EF-14]	1	8	10500432
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, 1500 CFM [EF-30]	1	8	10500377
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 36"Damper, 8750 CFM [EF-29]	1	8	10500415
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 36"Damper, 8750 CFM [EF-26]	1	8	10500497
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 430 CFM [EF-7]	1	8	10500452
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 600 CFM [EF-39]	1	8	10500414
D3060	Kitchen	Fair	Supplemental Components, Air Curtain, 5' Wide Non-Heated	1	9	10394331
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, 1050 CFM [EF-40]	1	8	10500450
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 400 CFM [EF-1]	1	8	10500455
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 400 CFM [EF-17]	1	8	10500364
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 4650 CFM [EF-13]	1	8	10500479
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, 1150 CFM [EF-19]	1	8	10500449
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 2850 CFM	1	9	10500424
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 375 CFM	1	8	10500436
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 36"Damper, 8750 CFM [EF-27]	1	8	10500483
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 430 CFM [EF-6]	1	8	10500381
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, 1150 CFM [EF-18]	1	8	10500380
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 1000 CFM [EF-41]	1	8	10500433
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 940 CFM [EF-8]	1	8	10500379
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, 600 CFM [EF-3]	1	8	10500365
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, 1500 CFM	1	8	10500401
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 175 CFM [EF-12]	1	8	10500503

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 4650 CFM [EF-11]	1	8	10500448
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 3750 CFM [EF-25]	1	8	10500416
D3060	Kitchen	Fair	Supplemental Components, Air Curtain, 5' Wide Non-Heated	1	9	10394363
D3060	Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, 1400 CFM [EF-21]	1	9	10500490
Fire Protection						
D4010	048 - Mechanical	Fair	Supplemental Components, Fire Riser, Wet, 4 IN	1	29	10500400
D4010	048 - Mechanical	Fair	Supplemental Components, Fire Riser, Wet, 4 IN	1	29	10500435
D4010	048 - Mechanical	Fair	Supplemental Components, Fire Riser, Wet, 4 IN [ZONE 2]	1	29	10500406
D4010	199 - Receiving	Fair	Pump, Fire Suppression, 10 HP	1	14	10500443
D4010	048 - Mechanical	Fair	Supplemental Components, Fire Riser, Wet, 4 IN [ZONE 4]	1	29	10500408
D4010	048 - Mechanical	Poor	Pump, Fire Suppression, 25 HP	1	2	10500475
D4010	048 - Mechanical	Fair	Supplemental Components, Fire Pump Controller, 25	1	9	10500496
D4010	Throughout Building	Fair	Fire Suppression System, Existing Sprinkler Heads, by SF	165,367 SF	14	10394346
D4010	048 - Mechanical	Fair	Supplemental Components, Fire Riser, Wet, 4 IN [ZONE 3]	1	29	10500423
Electrical						
D5010	Utility basement	Fair	Automatic Transfer Switch, ATS, 200 AMP	1	14	10500374
D5010	Utility basement	Fair	Automatic Transfer Switch, ATS, 200 AMP	1	14	10500487
D5020	Utility basement	Fair	Distribution Panel, 277/480 V, 400 AMP [M]	1	19	10500481
D5020	042B - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 75 KVA	1	19	10500417
D5020	214 - Electrical Room	Fair	Distribution Panel, 120/208 V, 600 AMP [DP-4]	1	18	10500474
D5020	190A - Electrical Room	Fair	Distribution Panel, 277/480 V, 800 AMP [DP-5]	1	18	10394356
D5020	157A - Electrical	Fair	Secondary Transformer, Dry, Stepdown, 45 KVA	1	19	10394297
D5020	042B - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 45 KVA	1	19	10500502
D5020	Utility basement	Fair	Secondary Transformer, Dry, Stepdown, 15 KVA	1	18	10500495
D5020	185A - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 45 KVA	1	18	10394299

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
D5020	Utility basement	Fair	Switchgear, 277/480 V, 3200 AMP	1	29	10500430
D5020	Kitchen	Fair	Distribution Panel, 120/208 V, 400 AMP, 350 AMP [K1]	1	19	10394370
D5020	047 - Electrical	Fair	Secondary Transformer, Dry, Stepdown, 45 KVA	1	5	10500387
D5020	214 - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 75 KVA	1	18	10500478
D5020	190A - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 75 KVA	1	18	10394321
D5020	042B - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 45 KVA	1	19	10500389
D5020	150 - Electrical room	Fair	Secondary Transformer, Dry, Stepdown, 75 KVA	1	18	10394340
D5020	190A - Electrical Room	Fair	Distribution Panel, 120/240 V, 400 AMP [R7]	1	18	10394333
D5020	108 - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 75 KVA	1	18	10394361
D5020	150 - Electrical room	Fair	Secondary Transformer, Dry, Stepdown, 45 KVA	1	18	10394379
D5020	214 - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 45 KVA	1	18	10500378
D5020	150 - Electrical room	Fair	Secondary Transformer, Dry, Stepdown, 75 KVA	1	18	10394366
D5020	190A - Electrical Room	Fair	Secondary Transformer, Dry, Stepdown, 112.5 KVA	1	18	10394284
D5020	Commercial Kitchen	Fair	Distribution Panel, 120/208 V, 400 AMP, 350 AMP [K1]	1	19	10394291
D5030	Throughout Building	Good	Electrical System, Wiring & Switches, Average or Low Density/Complexity	165,367	SF 29	10394312
D5040		Fair	Stage Lighting System, Full Upgrade, Specialty Fixtures	1,800	SF 9	10394302
D5040	Throughout Building	Good	Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures	165,367	SF 18	10394293
D5040	Throughout Building	Fair	Emergency & Exit Lighting System, Full Interior Upgrade, LED	165,367	SF 5	10394350
Fire Alarm & Electronic Systems						
D6060	Throughout Building	Fair	Intercom/PA System, Public Address Upgrade, Facility-Wide	165,367	SF 9	10394294
D7030	Throughout Building	Fair	Security/Surveillance System, Full System Upgrade, Average Density	165,367	SF 4	10394372
D7050	Throughout Building	Fair	Fire Alarm System, Full System Upgrade, Standard Addressable, Upgrade/Install	165,367	SF 9	10394382
D7050	199 - Building Services office	Fair	Fire Alarm Panel, Fully Addressable	1	8	10394298
Equipment & Furnishings						
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	1	LF 9	10394295

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
E1030	Roof	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1	3	10500505
E1030	Kitchen	Fair	Commercial Kitchen Line, Cooking Equipment	1 LF	9	10394348
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Single	1	6	10394288
E1030	Kitchen	Fair	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	4	10394328
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Evaporator for Refrigerator/Freezer	1	9	10394313
E1030	Kitchen	Fair	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	1	9	10394303
E1030	Kitchen	Fair	Foodservice Equipment, Commercial Kitchen, 1-Bowl	1	19	10394268
E1030	Kitchen	Fair	Foodservice Equipment, Dairy Cooler/Wells	1	8	10394271
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	3 LF	6	10394285
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	4 LF	9	10394359
E1030	Kitchen	Fair	Foodservice Equipment, Commercial Kitchen, 2-Bowl	1	19	10394345
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	5 LF	9	10394358
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	5 LF	9	10394296
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Refrigerator	1	9	10394279
E1030	Kitchen	Fair	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	4	10394368
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	5 LF	9	10394274
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Evaporator for Refrigerator/Freezer	1	4	10394323
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	4 LF	9	10394374
E1030	Kitchen	Fair	Foodservice Equipment, Dairy Cooler/Wells	1	5	10394316
E1030	Kitchen	Fair	Foodservice Equipment, Range, 2-Burner	1	4	10394376
E1030	Kitchen	Fair	Foodservice Equipment, Exhaust Hood, 8 to 10 LF	1	3	10394276
E1030	Kitchen	Fair	Foodservice Equipment, Sink, 1-Bowl	1	19	10394349
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Single	1	6	10394365
E1030	Kitchen	Fair	Foodservice Equipment, Dairy Cooler/Wells	1	9	10394311
E1030	Kitchen	Fair	Foodservice Equipment, Walk-In, Freezer	1	9	10394364

Component Condition Report | Herbert Hoover Middle School / Main Building

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	5 LF	11	10394360
E1030	Kitchen	Fair	Foodservice Equipment, Icemaker, Freestanding	1	4	10394275
E1030	Kitchen	Fair	Foodservice Equipment, Convection Oven, Double	1	3	10394380
E1030	Roof	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1	3	10500388
E1030	Kitchen	Fair	Foodservice Equipment, Sink, 1-Bowl	1	19	10394336
E1030	Kitchen	Fair	Foodservice Equipment, Dairy Cooler/Wells	1	4	10394343
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	3 LF	9	10394322
E1030	Kitchen	Fair	Foodservice Equipment, Commercial Kitchen, 1-Bowl	1	19	10394282
E1030	Kitchen	Fair	Commercial Kitchen Line, Serving/Warming Equipment	5 LF	9	10394272
E1040	Kitchen	Fair	Ceramics Equipment, Kiln	1	2	10394283
E1040	Kitchen	Fair	Ceramics Equipment, Kiln	1	9	10394308
E1040	KILN ROOM	Fair	Laboratory Equipment, Exhaust Hood, Variable Volume 4 LF, 4 LF	1	6	10394354
E1070	cafeteria	Fair	Theater & Stage Equipment, Flameproof Curtain, Medium Weight Velour	2,500 SF	6	10394375
E1070	Gymnasium	Fair	Basketball Backboard, Ceiling-Mounted, Operable, Operable	6	19	10500485
E1090	198 - Trash	Fair	Waste Handling Equipment, Trash Compactor, Cardboard Bailing Press	1	4	10500397
E2010	Throughout	Fair	Casework, Cabinetry, Standard	2,200 LF	9	10394277
E2010		Fair	Bleachers, Telescoping Manual, up to 15 Tier (per Seat)	350	9	10500404
E2010	Throughout Building	Fair	Casework, Cabinetry, Standard	600 LF	9	10394373
E2010	138 - Media Center	Fair	Library Shelving, Double-Faced, up to 90" Height	160 LF	9	10394306
E2010	138 - Media Center	Fair	Library Shelving, Single-Faced, up to 90" Height, up to 90" Height	100 LF	9	10394289
Sitework						
G4050	Building exterior	Fair	Site Lighting, Wall Pack or Walkway Pole-Mounted, any type w/ LED, 20 WATT	16	9	10500476

Component Condition Report | Herbert Hoover Middle School

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
Facade						
B2020	Building exterior	Fair	Exterior Glazing, Any Type by SF	6,500 SF	18	11062973

Component Condition Report | Herbert Hoover Middle School / Site

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
Electrical						
D5010	Site General	Fair	Generator, Diesel, 130 to 300 KW, 300 kw	1	14	10500524
Special Construction & Demo						
F1020	Site	Fair	Covered Walkway, Metal-Framed, Light/Medium Gauge	2,800 SF	19	10394490
Pedestrian Plazas & Walkways						
G2020	Parking lots	Fair	Parking Lots, Pavement, Concrete	5,300 SF	38	10500523
G2020	Parking lots	Fair	Parking Lots, Pavement, Asphalt, Seal & Stripe	68,000 SF	3	10394495
G2020	Parking lots	Poor	Parking Lots, Pavement, Asphalt, Mill & Overlay	68,000 SF	2	10394488
G2020	Parking lots	Fair	Parking Lots, Curb & Gutter, Concrete	3,500 LF	39	10394491
G2030	Site	Fair	Sidewalk, Concrete, Large Areas	31,000 SF	38	10394492
G2030	Media center courtyard	Fair	Sidewalk, Concrete, Large Areas	2,800 SF	39	10500516
Athletic, Recreational & Playfield Areas						
G2050	Site	Fair	Sports Apparatus, Basketball, Backboard/Rim/Pole	6	14	10500515
G2050	Site	Fair	Athletic Surfaces & Courts, Track Surface, Rubber	5,600 SF	3	10500521
G2050	Site	Fair	Sports Apparatus, Tennis/Volleyball, Net w/ Posts & Anchors	6	9	10500518
G2050	Site	Fair	Sports Apparatus, Player/Dugout Benches, 12' Length	4	4	10500517
G2050	Site	Poor	Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Mill & Overlay	28,000 SF	2	10394489
G2050	Site	Good	Athletic Surfaces & Courts, Tennis/Volleyball, 2-Color Surface, Seal & Stripe	36,000 SF	8	10500530
G2050	Site	Fair	Sports Apparatus, Baseball, Backstop Chain-Link	1	9	10500529
Sitework						

Component Condition Report | Herbert Hoover Middle School / Site

UF L3 Code	Location	Condition	Component/Attributes/Capacity	Quantity	RUL	ID
G2060	Site	Fair	Retaining Wall, Concrete Cast-in-Place	720 SF	39	10500522
G2060	Site	Fair	Retaining Wall, Concrete Cast-in-Place	3,200 SF	39	10500528
G2060	Site	Fair	Retaining Wall, Concrete Cast-in-Place	1,300 SF	39	10500527
G2060	Site	Fair	Fences & Gates, Fence, Chain Link 8'	900 LF	29	10500526
G2060	Site	Fair	Bike Rack, Fixed 6-10 Bikes	4	9	10500525
G2060	Site	Fair	Signage, Property, Monument, Replace/Install	1	9	10500520
G2060	Site	Fair	Fences & Gates, Fence, Metal Tube 4'	2,500 LF	29	10394494
G4050	Site	Fair	Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, 400 WATT, Replace/Install	20	9	10394493

Appendix F: Replacement Reserves

Replacement Reserves Report



5/26/2026

Uniformat Code	Location Description	ID	Cost Description	Lifespan (EUL)	EAge	RUL	Quantity	Unit	Unit Cost*	Subtotal	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	Deficiency Repair Estimate						
D3050	Utility basement	10500465	Pump, Distribution, HVAC Chilled or Condenser Water, Replace	25	12	13	1	EA	\$22,000.00	\$22,000																					\$22,000	\$22,000						
D3050	Utility basement	10500462	Pump, Distribution, HVAC Chilled or Condenser Water, Replace	25	12	13	1	EA	\$22,000.00	\$22,000																						\$22,000	\$22,000					
D3050	Utility basement	10500398	Pump, Distribution, HVAC Chilled or Condenser Water, Replace	25	12	13	1	EA	\$22,000.00	\$22,000																						\$22,000	\$22,000					
D3050	Roof	10500456	Air Handler, Exterior AHU, Packaged, 10001 to 15000 CFM, Replace	20	12	8	1	EA	\$131,475.00	\$131,475										\$131,475												\$131,475	\$131,475					
D3050	Roof	10500501	Air Handler, Exterior AHU, Replace	20	12	8	1	EA	\$58,800.00	\$58,800										\$58,800													\$58,800	\$58,800				
D3050	Roof	10500488	Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	12	8	1	EA	\$20,000.00	\$20,000										\$20,000													\$20,000	\$20,000				
D3050	Roof	10500440	Air Handler, Exterior AHU, Replace	20	12	8	1	EA	\$37,200.00	\$37,200										\$37,200														\$37,200	\$37,200			
D3050	Roof	10500371	Air Handler, Exterior AHU, Replace	20	12	8	1	EA	\$104,000.00	\$104,000										\$104,000														\$104,000	\$104,000			
D3050	Roof	10500459	Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	12	8	1	EA	\$15,000.00	\$15,000										\$15,000														\$15,000	\$15,000			
D3050	Roof	10500445	Air Handler, Exterior AHU, Packaged, 2401 to 4000 CFM, Replace	20	12	8	1	EA	\$36,250.00	\$36,250										\$36,250															\$36,250	\$36,250		
D3050	Roof	10500457	Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	12	8	1	EA	\$40,000.00	\$40,000										\$40,000															\$40,000	\$40,000		
D3050	Roof	10500500	Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	12	8	1	EA	\$15,000.00	\$15,000										\$15,000															\$15,000	\$15,000		
D3050	Roof	10500386	Air Handler, Exterior AHU, Packaged, 8001 to 10000 CFM, Replace	20	11	9	1	EA	\$86,075.00	\$86,075										\$86,075																\$86,075	\$86,075	
D3050	046 - Mechanical	10500363	Air Handler, Interior AHU, Built-Up, 8001 to 10000 CFM, Renovate	20	11	9	1	EA	\$37,700.00	\$37,700										\$37,700																\$37,700	\$37,700	
D3050	Roof	10500486	Air Handler, Exterior AHU, Packaged, 6001 to 8000 CFM, Replace	20	11	9	1	EA	\$63,700.00	\$63,700										\$63,700																\$63,700	\$63,700	
D3050	Roof	10500383	Packaged Unit, RTU, Roof-Mounted, 5 TON, Replace	20	11	9	1	EA	\$7,100.00	\$7,100										\$7,100																\$7,100	\$7,100	
D3050	Roof	10500420	Make-Up Air Unit, MUA or MAU, 2000 to 6000 CFM, Replace	20	11	9	1	EA	\$27,040.00	\$27,040										\$27,040																\$27,040	\$27,040	
D3050	Roof	10500392	Packaged Unit, RTU, Roof-Mounted, 4 TON, Replace	20	11	9	1	EA	\$6,100.00	\$6,100										\$6,100																\$6,100	\$6,100	
D3050	Roof	10500376	Air Handler, Exterior AHU, Packaged, 10001 to 15000 CFM, Replace	20	11	9	1	EA	\$131,475.00	\$131,475										\$131,475																\$131,475	\$131,475	
D3050	Roof	10500373	Air Handler, Exterior AHU, Packaged, 8001 to 10000 CFM, Replace	20	11	9	1	EA	\$86,075.00	\$86,075										\$86,075																\$86,075	\$86,075	
D3060	Roof	10500434	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000										\$3,000																\$3,000	\$3,000	
D3060	Roof	10500421	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, Replace	20	12	8	1	EA	\$1,400.00	\$1,400										\$1,400																	\$1,400	\$1,400
D3060	Roof	10500426	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000										\$3,000																	\$3,000	\$3,000
D3060	Roof	10500508	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	12	8	1	EA	\$1,200.00	\$1,200										\$1,200																	\$1,200	\$1,200
D3060	Roof	10500403	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000										\$3,000																	\$3,000	\$3,000
D3060	Roof	10500469	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, Replace	20	12	8	1	EA	\$1,400.00	\$1,400										\$1,400																	\$1,400	\$1,400
D3060	Roof	10500368	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	12	8	1	EA	\$1,200.00	\$1,200										\$1,200																	\$1,200	\$1,200
D3060	Roof	10500454	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, Replace	20	12	8	1	EA	\$1,400.00	\$1,400										\$1,400																	\$1,400	\$1,400
D3060	Roof	10500370	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, Replace	20	12	8	1	EA	\$1,400.00	\$1,400										\$1,400																	\$1,400	\$1,400
D3060	Roof	10500418	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	12	8	1	EA	\$1,200.00	\$1,200										\$1,200																	\$1,200	\$1,200
D3060	Roof	10500451	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000										\$3,000																	\$3,000	\$3,000
D3060	Roof	10500369	Exhaust Fan, Roof or Wall-Mounted, 36"Damper, Replace	20	12	8	1	EA	\$5,600.00	\$5,600										\$5,600																	\$5,600	\$5,600
D3060	Roof	10500432	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000										\$3,000																	\$3,000	\$3,000
D3060	Roof	10500377	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, Replace	20	12	8	1	EA	\$2,400.00	\$2,400										\$2,400																	\$2,400	\$2,400
D3060	Roof	10500415	Exhaust Fan, Roof or Wall-Mounted, 36"Damper, Replace	20	12	8	1	EA	\$5,600.00	\$5,600										\$5,600																	\$5,600	\$5,600
D3060	Roof	10500497	Exhaust Fan, Roof or Wall-Mounted, 36"Damper, Replace	20	12	8	1	EA	\$5,600.00	\$5,600										\$5,600																	\$5,600	\$5,600
D3060	Roof	10500452	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000										\$3,000																	\$3,000	\$3,000
D3060	Roof	10500414	Exhaust Fan, Roof or Wall-Mounted, 12" Damper, Replace	20	12	8	1	EA	\$1,400.00	\$1,400										\$1,400																	\$1,400	\$1,400
D3060	Roof	10500450	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, Replace	20	12	8	1	EA	\$2,400.00	\$2,400										\$2,400																	\$2,400	\$2,400
D3060	Roof	10500455	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	12	8	1	EA	\$1,200.00	\$1,200										\$1,200																	\$1,200	\$1,200
D3060	Roof	10500364	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	12	8	1	EA	\$1,200.00	\$1,200										\$1,200																	\$1,200	\$1,200
D3060	Roof	10500479	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000										\$3,000																	\$3,000	\$3,000
D3060	Roof	10500449	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, Replace	20	12	8	1	EA	\$2,400.00	\$2,400																												

Replacement Reserves Report



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Uniformat Code	Location Description	ID	Cost Description	Lifespan (EUL)	EAge	RUL	Quantity	Unit	Unit Cost*	Subtotal	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	Deficiency Repair Estimate
D3060	Roof	10500401	Exhaust Fan, Roof or Wall-Mounted, 16" Damper, Replace	20	12	8	1	EA	\$2,400.00	\$2,400									\$2,400												\$2,400	
D3060	Roof	10500503	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	12	8	1	EA	\$1,200.00	\$1,200									\$1,200												\$1,200	
D3060	Roof	10500448	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000									\$3,000												\$3,000	
D3060	Roof	10500416	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, Replace	20	12	8	1	EA	\$3,000.00	\$3,000									\$3,000												\$3,000	
D3060	Roof	10500477	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, Replace	20	11	9	1	EA	\$3,000.00	\$3,000										\$3,000											\$3,000	
D3060	Roof	10500410	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, Replace	20	11	9	1	EA	\$3,000.00	\$3,000										\$3,000											\$3,000	
D3060	Roof	10500482	Exhaust Fan, Roof or Wall-Mounted, 10" Damper, 50 to 500 CFM, Replace	20	11	9	1	EA	\$1,200.00	\$1,200										\$1,200											\$1,200	
D3060	Roof	10500424	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, Replace	20	11	9	1	EA	\$3,000.00	\$3,000										\$3,000											\$3,000	
D3060	Roof	10500490	Exhaust Fan, Roof or Wall-Mounted, 24" Damper, Replace	20	11	9	1	EA	\$3,000.00	\$3,000										\$3,000											\$3,000	
D3060	Kitchen	10394331	Supplemental Components, Air Curtain, 5' Wide Non-Heated, Replace	20	11	9	1	EA	\$1,500.00	\$1,500										\$1,500											\$1,500	
D3060	Kitchen	10394363	Supplemental Components, Air Curtain, 5' Wide Non-Heated, Replace	20	11	9	1	EA	\$1,500.00	\$1,500										\$1,500											\$1,500	
D4010	048 - Mechanical	10500475	Pump, Fire Suppression, Replace	25	23	2	1	EA	\$30,000.00	\$30,000			\$30,000																		\$30,000	
D4010	048 - Mechanical	10500496	Supplemental Components, Fire Pump Controller, Replace	20	11	9	1	EA	\$17,800.00	\$17,800										\$17,800											\$17,800	
D4010	199 - Receiving	10500443	Pump, Fire Suppression, Replace	25	11	14	1	EA	\$7,500.00	\$7,500															\$7,500						\$7,500	
D4010	Throughout Building	10394346	Fire Suppression System, Existing Sprinkler Heads, by SF, Replace	25	11	14	165367	SF	\$1.07	\$176,943															\$176,943						\$176,943	
D5010	Utility basement	10500374	Automatic Transfer Switch, ATS, Replace	25	11	14	1	EA	\$8,500.00	\$8,500															\$8,500						\$8,500	
D5010	Utility basement	10500487	Automatic Transfer Switch, ATS, Replace	25	11	14	1	EA	\$12,000.00	\$12,000															\$12,000						\$12,000	
D5020	047 - Electrical	10500387	Secondary Transformer, Dry, Stepdown, Replace	30	25	5	1	EA	\$7,600.00	\$7,600						\$7,600															\$7,600	
D5020	Utility basement	10500495	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$6,000.00	\$6,000																	\$6,000				\$6,000	
D5020	185A - Electrical Room	10394299	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$7,600.00	\$7,600																	\$7,600				\$7,600	
D5020	214 - Electrical Room	10500478	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$10,000.00	\$10,000																	\$10,000				\$10,000	
D5020	190A - Electrical Room	10394321	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$10,000.00	\$10,000																	\$10,000				\$10,000	
D5020	150 - Electrical room	10394340	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$10,000.00	\$10,000																	\$10,000				\$10,000	
D5020	108 - Electrical Room	10394361	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$10,000.00	\$10,000																	\$10,000				\$10,000	
D5020	150 - Electrical room	10394379	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$7,600.00	\$7,600																	\$7,600				\$7,600	
D5020	214 - Electrical Room	10500378	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$7,600.00	\$7,600																	\$7,600				\$7,600	
D5020	150 - Electrical room	10394366	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$10,000.00	\$10,000																	\$10,000				\$10,000	
D5020	190A - Electrical Room	10394284	Secondary Transformer, Dry, Stepdown, Replace	30	12	18	1	EA	\$16,000.00	\$16,000																	\$16,000				\$16,000	
D5020	042B - Electrical Room	10500417	Secondary Transformer, Dry, Stepdown, Replace	30	11	19	1	EA	\$10,000.00	\$10,000																		\$10,000			\$10,000	
D5020	157A - Electrical	10394297	Secondary Transformer, Dry, Stepdown, Replace	30	11	19	1	EA	\$7,600.00	\$7,600																		\$7,600			\$7,600	
D5020	042B - Electrical Room	10500502	Secondary Transformer, Dry, Stepdown, Replace	30	11	19	1	EA	\$7,600.00	\$7,600																		\$7,600			\$7,600	
D5020	042B - Electrical Room	10500389	Secondary Transformer, Dry, Stepdown, Replace	30	11	19	1	EA	\$7,600.00	\$7,600																		\$7,600			\$7,600	
D5020	214 - Electrical Room	10500474	Distribution Panel, 120/208 V, Replace	30	12	18	1	EA	\$7,000.00	\$7,000																	\$7,000				\$7,000	
D5020	190A - Electrical Room	10394356	Distribution Panel, 277/480 V, Replace	30	12	18	1	EA	\$10,000.00	\$10,000																	\$10,000				\$10,000	
D5020	190A - Electrical Room	10394333	Distribution Panel, 120/240 V, Replace	30	12	18	1	EA	\$5,500.00	\$5,500																	\$5,500				\$5,500	
D5020	Utility basement	10500481	Distribution Panel, 277/480 V, Replace	30	11	19	1	EA	\$5,300.00	\$5,300																		\$5,300			\$5,300	
D5020	Kitchen	10394370	Distribution Panel, 120/208 V, 400 AMP, Replace	30	11	19	1	EA	\$6,000.00	\$6,000																		\$6,000			\$6,000	
D5020	Commercial Kitchen	10394291	Distribution Panel, 120/208 V, 400 AMP, Replace	30	11	19	1	EA	\$6,000.00	\$6,000																		\$6,000			\$6,000	
D5040	Throughout Building	10394350	Emergency & Exit Lighting System, Full Interior Upgrade, LED, Replace	10	5	5	165367	SF	\$0.65	\$107,489						\$107,489										\$107,489					\$214,977	
D5040	Main Building	10394302	Stage Lighting System, Full Upgrade, Specialty Fixtures, Replace	20	11	9	1800	SF	\$30.00	\$54,000										\$54,000											\$54,000	
D5040	Throughout Building	10394293	Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures, Replace	20	2	18	165367	SF	\$4.50	\$744,152																	\$744,152				\$744,152	
D6060	Throughout Building	10394294	Intercom/PA System, Public Address Upgrade, Facility-Wide, Replace	20	11	9	165367	SF	\$1.65	\$272,856										\$272,856											\$272,856	
D7030	Throughout Building	10394372	Security/Surveillance System, Full System Upgrade, Average Density, Replace	15	11	4	165367	SF	\$2.00	\$330,734					\$330,734												\$330,734				\$661,468	
D7050	199 - Building Services office	10394298	Fire Alarm Panel, Fully Addressable, Replace	15	7	8	1	EA	\$15,000.00	\$15,000										\$15,000											\$15,000	
D7050	Throughout Building	10394382	Fire Alarm System, Full System Upgrade, Standard Addressable, Upgrade/Install	20	11	9	165367	SF	\$3.00	\$496,101										\$496,101											\$496,101	
E1030	Roof	10500505	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer, Replace	15	12	3	1	EA	\$6,300.00	\$6,300				\$6,300													\$6,300				\$12,600	
E1030	Kitchen	10394276	Foodservice Equipment, Exhaust Hood, 8 to 10 LF, Replace	15	12	3	1	EA	\$4,500.00	\$4,500				\$4,500													\$4,500				\$9,000	
E1030	Kitchen	10394380	Foodservice Equipment, Convection Oven, Double, Replace	10	7	3	1	EA	\$8,280.00	\$8,280				\$8,280								\$8,280									\$16,560	
E1030	Roof	10500388	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer, Replace	15	12	3	1	EA	\$6,300.00	\$6,300				\$6,300													\$6,300				\$12,600	
E1030																																

Replacement Reserves Report



5/26/2026

Uniformat Code	Location Description	ID	Cost Description	Lifespan (EUL)	EAge	RUL	Quantity	Unit	Unit Cost*	Subtotal	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	Deficiency Repair Estimate						
G2020	Parking lots	10394495	Parking Lots, Pavement, Asphalt, Seal & Stripe	5	2	3	68000	SF	\$0.45	\$30,600				\$30,600					\$30,600					\$30,600								\$122,400						
G2050	Site	10394489	Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Mill & Overlay	25	23	2	28000	SF	\$3.50	\$98,000			\$98,000																			\$98,000						
G2050	Site	10500521	Athletic Surfaces & Courts, Track Surface, Rubber, Replace	10	7	3	5600	SF	\$5.00	\$28,000				\$28,000									\$28,000									\$56,000						
G2050	Site	10500517	Sports Apparatus, Player/Dugout Benches, 12' Length, Replace	15	11	4	4	EA	\$450.00	\$1,800					\$1,800														\$1,800			\$3,600						
G2050	Site	10500530	Athletic Surfaces & Courts, Tennis/Volleyball, 2-Color Surface, Seal & Stripe	10	2	8	36000	SF	\$1.50	\$54,000									\$54,000									\$54,000				\$108,000						
G2050	Site	10500518	Sports Apparatus, Tennis/Volleyball, Net w/ Posts & Anchors, Replace	20	11	9	6	EA	\$1,400.00	\$8,400										\$8,400												\$8,400						
G2050	Site	10500529	Sports Apparatus, Baseball, Backstop Chain-Link, Replace	20	11	9	1	EA	\$5,000.00	\$5,000										\$5,000												\$5,000						
G2050	Site	10500515	Sports Apparatus, Basketball, Backboard/Rim/Pole, Replace	25	11	14	6	EA	\$4,750.00	\$28,500														\$28,500								\$28,500						
G2060	Site	10500525	Bike Rack, Fixed 6-10 Bikes, Replace	20	11	9	4	EA	\$800.00	\$3,200										\$3,200												\$3,200						
G2060	Site	10500520	Signage, Property, Monument, Replace/Install	20	11	9	1	EA	\$4,500.00	\$4,500															\$4,500							\$4,500						
G4050	Site	10394493	Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, Replace/Install	20	11	9	20	EA	\$4,000.00	\$80,000										\$80,000												\$80,000						
Totals, Unescalated											\$0	\$0	\$336,000	\$58,600	\$1,800	\$0	\$0	\$0	\$84,600	\$101,100	\$0	\$0	\$0	\$58,600	\$114,500	\$0	\$0	\$0	\$84,600	\$80,200	\$0					\$920,000		
Totals, Escalated (3.0% inflation, compounded annually)											\$0	\$0	\$356,462	\$64,034	\$2,026	\$0	\$0	\$0	\$107,169	\$131,913	\$0	\$0	\$0	\$86,056	\$173,192	\$0	\$0	\$0	\$144,026	\$140,631	\$0							\$1,205,508

* Markup has been included in unit costs.

Appendix G:

Equipment Inventory List

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D10 Conveying													
1	10394278	D1010	Elevator Controls	Automatic, 1 Car	2500 LBS	Herbert Hoover Middle School / Main Building	159 - Elevator Equipment	ELCON	No dataplate	No dataplate	2013		
2	10394355	D1010	Passenger Elevator	Hydraulic, 2 Floors, 1500 to 2500 LB	2500 lb	Herbert Hoover Middle School / Main Building	Elevator 1				2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D20 Plumbing													
1	10500504	D2010	Water Heater	Gas, Commercial (200 MBH)	119 GAL	Herbert Hoover Middle School / Main Building	Utility basement	State Industries, Inc.	SUF-119-400-NEA 300	2502141980141	2013		
2	10500399	D2010	Water Heater	Gas, Commercial (200 MBH)	125 GAL	Herbert Hoover Middle School / Main Building	Utility basement	Power VT	560 N 125A-PV	0712134554	2013		
3	10500458	D2060	Air Compressor	Tank-Style	2 HP	Herbert Hoover Middle School / Main Building	046 - Mechanical	Curtis	3DA2A		2000		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D30 HVAC													
1	10500491	D3020	Boiler Supplemental Components [ET-1]	Expansion Tank	101 - 175 GAL	Herbert Hoover Middle School / Main Building	Utility basement	Taco	CA1200-125	355129	2020		
2	10500405	D3030	Chiller	Vapor Absorption, 80 to 100 TON	80 TON	Herbert Hoover Middle School / Main Building	046 - Mechanical	Multi-stack	MS020XC1H2W2AA-R410A	NA	2013		
3	10500395	D3030	Chiller	Vapor Absorption, 10 to 50 TON	50 TON	Herbert Hoover Middle School / Main Building	046 - Mechanical	Multistack	MS010XC1H2H2AA-R410A	NA	2013		
4	10500507	D3030	Condensing Unit/Heat Pump	Split System, Exterior, 3.5 TON		Herbert Hoover Middle School / Main Building	Roof		Illegible	Illegible			
5	10500361	D3030	Heat Pump [HPU-10]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	018A - Mechanical room	Trane	GEVE03672E02B0TLD010000400000000000	W12K19823	2013		
6	10500506	D3030	Heat Pump [HPU-13]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	033A - Mechanical room	Trane	GEVE03672E02B0TRD010000400000000000	W12K19826	2013		
7	10500461	D3030	Heat Pump [HPU-14]	Water Source, Interior Unit, 5 TON	2.5 TON	Herbert Hoover Middle School / Main Building	033A - Mechanical room	Trane	GEVE03072E02B0TLD010000400000000000	W12K19827	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
8	10500509	D3030	Heat Pump [HPU-15]	Water Source, Interior Unit, 5 TON	1.5 TON	Herbert Hoover Middle School / Main Building	035A - Mechanical room	Trane	GEVE01872E02B0TLD010000400000000000	W12K19828	2013		
9	10500412	D3030	Heat Pump [HPU-16]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	036A - Mechanical room	Trane	GEVE03672E02B0TLD010000400000000000	W12K19961	2013		
10	10394329	D3030	Heat Pump [HPU-19]	Water Source, Interior Unit, 5 TON	2 TON	Herbert Hoover Middle School / Main Building	189C - Mechanical room	Trane	GEVE02472E02B0TRD010000400000000000	W12K19962	2013		
11	10394335	D3030	Heat Pump [HPU-20]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	189C - Mechanical room	Trane	GEVE04842E02B0TLD010000400000000000	W12K19963	2013		
12	10394334	D3030	Heat Pump [HPU-23]	Water Source, Interior Unit, 5 TON	2.5 TON	Herbert Hoover Middle School / Main Building	144A - Mechanical room	Trane	GEVE03072E02B0TLD010000400000000000	W12K19964	2013		
13	10394273	D3030	Heat Pump [HPU-24]	Water Source, Interior Unit, 5 TON	2.5 TON	Herbert Hoover Middle School / Main Building	144A - Mechanical room	Trane	GEVE03072E02B0TRD010000400000000000	W12K19965	2013		
14	10394367	D3030	Heat Pump [HPU-25]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	146A - Mechanical room	Trane	GEVE03672E0290TRDO	W12K19966	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
15	10394300	D3030	Heat Pump [HPU-26]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	146A - Mechanical room	Trane	GEVE04842E02B0TLD010000400000000000	W12K19967	2013		
16	10394290	D3030	Heat Pump [HPU-27]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	147 - Mechanical room	Trane	GEVE04842E22B8TRD310000400000000000	W12K19968	2013		
17	10394324	D3030	Heat Pump [HPU-28]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	147 - Mechanical room	Trane	GEVE04842E02B0TLD010000400000000000	W12K19969	2013		
18	10394310	D3030	Heat Pump [HPU-29]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	151A - Mechanical room				2013		
19	10500372	D3030	Heat Pump [HPU-3]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	010A - Mechanical room	Trane	GEVE04842E02B0TRD010000400000000000	W12K19718	2013		
20	10394344	D3030	Heat Pump [HPU-30]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	155A - Mechanical room	Trane	GEVE03672E02B0TLD010000400000000000	W12K19971	2013		
21	10394305	D3030	Heat Pump [HPU-34]	Water Source, Interior Unit, 5 TON	2.5 TON	Herbert Hoover Middle School / Main Building	179 - Mechanical room	Trane	GEVE83872E02B0TLD010000400000000000	W12K19684	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
22	10394317	D3030	Heat Pump [HPU-35]	Water Source, Interior Unit, 5 TON	2 TON	Herbert Hoover Middle School / Main Building	179 - Mechanical room	Trane	GEVE02472E02B0TRD010000400000000000	W12K19605	2013		
23	10394286	D3030	Heat Pump [HPU-37]	Water Source, Interior Unit, 5 TON	2.5 TON	Herbert Hoover Middle School / Main Building	179 - Mechanical room	Trane	GEVE03072E02B0TRD010000400000000000	W12K19606	2013		
24	10394320	D3030	Heat Pump [HPU-38]	Water Source, Interior Unit, 5 TON	2 TON	Herbert Hoover Middle School / Main Building	179 - Mechanical room	Trane	GEVE02472E02B0TLD010000400000000000	W12K19607	2013		
25	10500447	D3030	Heat Pump [HPU-4]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	010A - Mechanical room	Trane	GEVE04842E02B0TLD010000400000000000	W12K19817	2013		
26	10394326	D3030	Heat Pump [HPU-40]	Water Source, Interior Unit, 5 TON	2.5 TON	Herbert Hoover Middle School / Main Building	188B - Mechanical room	Trane	GEVE03072E02B0TLD010000400000000000	W12K19608	2013		
27	10394357	D3030	Heat Pump [HPU-41]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	182B - Mechanical room	Trane	GEVE04842E02B0TLD010000400000000000	W12K19609	2013		
28	10394301	D3030	Heat Pump [HPU-43]	Water Source, Interior Unit, 5 TON	1.5 TON	Herbert Hoover Middle School / Main Building	199E - Mechanical room	Trane	GEVE01872E02B0TRD010000400000000000	W12K19611	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
29	10500442	D3030	Heat Pump [HPU-47]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	200A - Mechanical room	Trane	GEVE03672E02B0TRD010000400000000000	W12K19612	2013		
30	10500396	D3030	Heat Pump [HPU-48]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	200A - Mechanical room	Trane	GEVE03672E02B0TLD010000400000000000	W12K19613	2013		
31	10500394	D3030	Heat Pump [HPU-49]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	205A - Mechanical room	Trane	GEVE03672E02B0TRD0100004000	W12K19614	2013		
32	10500444	D3030	Heat Pump [HPU-5]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	014A - Mechanical room	Trane	GEVE04842E02B0TRD010000400000000000	W12K19818	2013		
33	10500498	D3030	Heat Pump [HPU-50]	Water Source, Interior Unit, 5 TON	1.5 TON	Herbert Hoover Middle School / Main Building	205A - Mechanical room	Trane	GEVE01872E02B0TLD010000400000000000	W12K19615	2013		
34	10500453	D3030	Heat Pump [HPU-51]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	207A - Mechanical room	Trane	GEVE03672E02B0TLD01000040806	W12K19617	2013		
35	10500419	D3030	Heat Pump [HPU-52]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	207A - Mechanical room	Trane	GEVE83672E02B0TRD010000400000000000	W12K19616	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
36	10500391	D3030	Heat Pump [HPU-53]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	213A - Mechanical room	Trane	GEVE03672E02BQTRD010000400000000000	W12K19618	2013		
37	10500367	D3030	Heat Pump [HPU-54]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	213A - Mechanical room	Trane	GEVE03672E82B0TLD010000400000000000	W12K19619	2013		
38	10500384	D3030	Heat Pump [HPU-55]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	217A - Mechanical room	Trane	GEVE04842E02B0TRD010000400000000000	W12K19620	2013		
39	10500393	D3030	Heat Pump [HPU-56]	Water Source, Interior Unit, 5 TON	1.5 TON	Herbert Hoover Middle School / Main Building	217A - Mechanical room	Trane	GEVE01872E02B0TLD010000400000000000	W12K19621	2013		
40	10500494	D3030	Heat Pump [HPU-57]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	221A - Mechanical room	Trane	GEVE03672E02B0TLD010000400000000000	W12K19622	2013		
41	10500411	D3030	Heat Pump [HPU-58]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	217A - Mechanical room	Trane	GEVE03672E02B0TLD010000400000000000	W12K19714	2013		
42	10500427	D3030	Heat Pump [HPU-59]	Water Source, Interior Unit, 5 TON	5 TON	Herbert Hoover Middle School / Main Building	216A - Mechanical room	Trane	GEVE06042E02B0TRD010000400000000000	W12K19715	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
43	10500362	D3030	Heat Pump [HPU-6]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	007A - Mechanical room	Trane	GEVE04842E02B0TRD010000400000000000	W12K19819	2013		
44	10500466	D3030	Heat Pump [HPU-60]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	216A - Mechanical room	Trane	GEVE04842E02B0TLD010000400000000000	W12K19716	2013		
45	10500413	D3030	Heat Pump [HPU-61]	Water Source, Interior Unit, 5 TON	4 TON	Herbert Hoover Middle School / Main Building	212A - Mechanical room	Trane	GEVE04842E02B0TLD010000400000000000	W12K19717	2013		
46	10500463	D3030	Heat Pump [HPU-7]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	007A - Mechanical room	Trane	GEVE03672E02B0TLD010000400000000000	W12K19820	2013		
47	10500460	D3030	Heat Pump [HPU-8]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	011A - Mechanical room	Trane	GEVE03672E8280TRD010000400000000000	W12K19821	2013		
48	10500471	D3030	Heat Pump [HPU-9]	Water Source, Interior Unit, 5 TON	3 TON	Herbert Hoover Middle School / Main Building	011A - Mechanical room	Trane	GEVE03672E02B0TLD010000400000000000	W12K19822	2013		
49	10500484	D3030	Split System Ductless	Single Zone	1.5 TON	Herbert Hoover Middle School / Main Building	Roof	Mitsubishi Electric	MUZ-GE15NA	Illegible	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
50	10500439	D3030	Split System Ductless	Single Zone	1 TON	Herbert Hoover Middle School / Main Building	Roof	Mitsubishi Electric	PUY-A12NHA4	27U06688D	2013		
51	10500446	D3030	Split System Ductless	Single Zone	1.5 TON	Herbert Hoover Middle School / Main Building	Roof	Mitsubishi Electric	PUZ-A18NHA4	240037990	2013		
52	10500492	D3030	Split System Ductless	Single Zone	1 TON	Herbert Hoover Middle School / Main Building	Roof	Mitsubishi Electric	PUY-A12NHA4	27U06642D	2013		
53	10500390	D3030	Split System Ductless	Single Zone, Condenser & Evaporator, 1.5 to 2 TON		Herbert Hoover Middle School / Main Building	Roof	Mitsubishi	MUZ-GE12NA2	3000523T	2013		
54	10500441	D3030	Split System Ductless [ACU-2]	Single Zone, Condenser & Evaporator, 0.75 to 1 TON	1 TON	Herbert Hoover Middle School / Main Building	Roof	Illegible	Illegible	Illegible			
55	10500493	D3030	Split System Ductless [DSS-3]	Single Zone	1 TON	Herbert Hoover Middle School / Main Building	Roof	Mitsubishi Electric	PUY-A12NHA4	27U069850	2013		
56	10500465	D3050	Pump	Distribution, HVAC Chilled or Condenser Water	50 HP	Herbert Hoover Middle School / Main Building	Utility basement	Taco	Inaccessible	Inaccessible	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
57	10500398	D3050	Pump	Distribution, HVAC Chilled or Condenser Water	50 HP	Herbert Hoover Middle School / Main Building	Utility basement	Taco	Inaccessible	Inaccessible	2013		
58	10500462	D3050	Pump [PUMP-2]	Distribution, HVAC Chilled or Condenser Water	50 HP	Herbert Hoover Middle School / Main Building	Utility basement	Taco	Inaccessible	Inaccessible	2013		
59	10500386	D3050	Air Handler	Exterior AHU, Packaged, 8001 to 10000 CFM	9800 CFM	Herbert Hoover Middle School / Main Building	Roof	Innovent	LASER-SS-PL-PL-9800-HP-460	20636850170	2013		
60	10500373	D3050	Air Handler	Exterior AHU, Packaged, 8001 to 10000 CFM	9500 CFM	Herbert Hoover Middle School / Main Building	Roof	Innovent	ERU-SS-PL-9500-HP-HG-460	2068685.0320	2013		
61	10500363	D3050	Air Handler	Interior AHU, Built-Up, 8001 to 10000 CFM	8700 CFM	Herbert Hoover Middle School / Main Building	046 - Mechanical	Innovent	CAHU-8700-HP-HG-460	2068685.0220	2013		
62	10500501	D3050	Air Handler [AHU-2]	Exterior AHU	9100 CFM	Herbert Hoover Middle School / Main Building	Roof	Trane	CSAA014UBC00	K12H79785	2013		
63	10500440	D3050	Air Handler [AHU-3]	Exterior AHU	5600 CFM	Herbert Hoover Middle School / Main Building	Roof	Trane	CSAA014UBC00	K12H79443	2013		

Index	ID	UFCODE	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
64	10500371	D3050	Air Handler [DOAU-1]	Exterior AHU	1201 - 2400 CFM	Herbert Hoover Middle School / Main Building	Roof	INNOVENT	LASER-SS-PL-PL-2300-HP-460	2068685.0020	2013		
65	10500376	D3050	Air Handler [DOAU-2]	Exterior AHU, Packaged, 10001 to 15000 CFM		Herbert Hoover Middle School / Main Building	Roof	INNOVENT	Illegible	Illegible			
66	10500456	D3050	Air Handler [DOAU-3]	Exterior AHU, Packaged, 10001 to 15000 CFM	13000 CFM	Herbert Hoover Middle School / Main Building	Roof	INNOVENT	LASER-SS-PL-PL-13000-HP-460	2068685.0120	2013		
67	10500486	D3050	Air Handler [ERU-1]	Exterior AHU, Packaged, 6001 to 8000 CFM	8000 CFM	Herbert Hoover Middle School / Main Building	Roof	Innovent	Illegible	Illegible	2013		
68	10500445	D3050	Air Handler [ERU-3]	Exterior AHU, Packaged, 2401 to 4000 CFM	2800 CFM	Herbert Hoover Middle School / Main Building	Roof	INNOVENT	ERU-S PL-2800-IF 460	2068685 0370	2013		
69	10500420	D3050	Make-Up Air Unit	MUA or MAU, 2000 to 6000 CFM		Herbert Hoover Middle School / Main Building	Roof		A2-IBT-400-200-200-G15	1176073	2013		
70	10500392	D3050	Packaged Unit	RTU, Roof-Mounted, 4 TON	4 TON	Herbert Hoover Middle School / Main Building	Roof	Trane	GERE04842C01B0D0R0D700030A0F0	W12J18496	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
71	10500383	D3050	Packaged Unit [RHPU-1]	RTU, Roof-Mounted, 5 TON	5 TON	Herbert Hoover Middle School / Main Building	Roof	Trane	GERE06042C01B0D0R0D700030A0F0	W1J18495	2013		
72	10500457	D3050	Packaged Unit [RHPU-3]	RTU, Pad or Roof-Mounted	20 TON	Herbert Hoover Middle School / Main Building	Roof	Trane	WSD240E4R0A00D0B0A0000 100000B000000000000	124010168D	2013		
73	10500500	D3050	Packaged Unit [RHPU-4]	RTU, Pad or Roof-Mounted	6 TON	Herbert Hoover Middle School / Main Building	Roof	Trane	GERE07242C01B0D0R0D700030A0E0	W12J18624	2013		
74	10500488	D3050	Packaged Unit [RHPU-5]	RTU, Pad or Roof-Mounted	10 TON	Herbert Hoover Middle School / Main Building	Roof	Trane	GERE12042C01B0D0R0D700030A0E0	W12J18625	2013		
75	10500459	D3050	Packaged Unit [RHPU-6]	RTU, Pad or Roof-Mounted	7.5 TON	Herbert Hoover Middle School / Main Building	Roof	Trane	GERE89042C01B0D0R03700030A0E	W12415689	2013		
76	10500436	D3060	Exhaust Fan	Roof or Wall-Mounted, 10" Damper	375 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	90 ACRUH 290R15DH	1058561994-00/0039101	2013		
77	10500482	D3060	Exhaust Fan	Roof or Wall-Mounted, 10" Damper, 50 to 500 CFM	400 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	100 ACEH 100C15DH	105SE61994-00/0024701	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
78	10500401	D3060	Exhaust Fan	Roof or Wall-Mounted, 16" Damper	1500 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	Inaccessible	Inaccessible	2013		
79	10500477	D3060	Exhaust Fan	Roof or Wall-Mounted, 24" Damper	2975 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	245 ACE 245C6B 33	105SE61994-00/0029901	2013		
80	10500410	D3060	Exhaust Fan	Roof or Wall-Mounted, 24" Damper	1150 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	150 ACRU 150R10D	105SE61994-00-0028601	2013		
81	10500424	D3060	Exhaust Fan	Roof or Wall-Mounted, 24" Damper	2850 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	225 ACE 225C5B	105SE61994-00/0027301	2013		
82	10500455	D3060	Exhaust Fan [EF-1]	Roof or Wall-Mounted, 10" Damper	400 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	90 ACE 90C15DM	105SE61994-00/0000701	2013		
83	10500426	D3060	Exhaust Fan [EF-10]	Roof or Wall-Mounted, 12" Damper	940 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	180 ACRUX 180RX13D	105SE61994-00/0012501	2013		
84	10500448	D3060	Exhaust Fan [EF-11]	Roof or Wall-Mounted, 24" Damper	4650 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	270 ACRU 270R7B	105SE61994-00/001370	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
85	10500503	D3060	Exhaust Fan [EF-12]	Roof or Wall-Mounted, 10" Damper	175 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	120ACRU 120R3B	105SE61994-00/0014901	2013		
86	10500479	D3060	Exhaust Fan [EF-13]	Roof or Wall-Mounted, 24" Damper	4650 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	270, ACRU 270R7B	1059E61994-00/0016301	2013		
87	10500432	D3060	Exhaust Fan [EF-14]	Roof or Wall-Mounted, 24" Damper	2950 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	195 ACRU 195R5B	105SE61994-00/0017501	2013		
88	10500421	D3060	Exhaust Fan [EF-15]	Roof or Wall-Mounted, 12" Damper	940 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	180 ACRUX 180RX1500	105SE61994-00/0018701	2013		
89	10500454	D3060	Exhaust Fan [EF-16]	Roof or Wall-Mounted, 12" Damper	940 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	180 ACRUX 180RX15D	105SE61994-00/0019901	2013		
90	10500364	D3060	Exhaust Fan [EF-17]	Roof or Wall-Mounted, 10" Damper	400 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	100 ACRUH 100R15DH	105SE61994-00/0021101	2013		
91	10500380	D3060	Exhaust Fan [EF-18]	Roof or Wall-Mounted, 16" Damper	1150 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	135 ACRU 135R10D	105SE61994-00/0022301	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
92	10500449	D3060	Exhaust Fan [EF-19]	Roof or Wall-Mounted, 16" Damper	1150 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	135 ACRU 135R100	103SE61994-00/0023501	2013		
93	10500469	D3060	Exhaust Fan [EF-2]	Roof or Wall-Mounted, 12" Damper	750 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	120 ACE 120C15D	105SE61994-00/0002001	2013		
94	10500490	D3060	Exhaust Fan [EF-21]	Roof or Wall-Mounted, 24" Damper	1400 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	150 ACRU 150R10D	105SE61994-00/0026001	2013		
95	10500416	D3060	Exhaust Fan [EF-25]	Roof or Wall-Mounted, 24" Damper	3750 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	245 ACE 245C6B	105SE61994-00/0031301	2013		
96	10500497	D3060	Exhaust Fan [EF-26]	Roof or Wall-Mounted, 36"Damper	8750 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	402 ACRU 402R6B	105SE61994-00/0032601	2013		
97	10500483	D3060	Exhaust Fan [EF-27]	Roof or Wall-Mounted, 36"Damper	8750 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	402 ACRU 402R6B	105SE61994-00/0033901	2013		
98	10500369	D3060	Exhaust Fan [EF-28]	Roof or Wall-Mounted, 36"Damper	8750 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	402 ACRU 402R6B	105SE61994-00/0035201	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
99	10500415	D3060	Exhaust Fan [EF-29]	Roof or Wall-Mounted, 36"Damper	8750 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	402 ACRU 402R6B	105SE61994-00/0036501	2013		
100	10500365	D3060	Exhaust Fan [EF-3]	Roof or Wall-Mounted, 12" Damper	600 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	120 ACE 120C15D	105SE61994-00/0003301	2013		
101	10500377	D3060	Exhaust Fan [EF-30]	Roof or Wall-Mounted, 16" Damper	1500 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	150 ACRU 150RI0D	105SE61994-00/0037801	2013		
102	10500368	D3060	Exhaust Fan [EF-32]	Roof or Wall-Mounted, 10" Damper	450 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	120 ACE 120C15D	1055E61994-00/0040301	2013		
103	10500370	D3060	Exhaust Fan [EF-33]	Roof or Wall-Mounted, 12" Damper	900 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	135 ACRU 135R10D	1058E61994-00/0041501	2013		
104	10500414	D3060	Exhaust Fan [EF-39]	Roof or Wall-Mounted, 12" Damper	600 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	150 ACRUH 150RH10D	1055E61994-00/0048801	2013		
105	10500434	D3060	Exhaust Fan [EF-4]	Roof or Wall-Mounted, 10" Damper	430 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	100 ACPU 100R3B 33	105SE61994-00/0004601	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
106	10500450	D3060	Exhaust Fan [EF-40]	Roof or Wall-Mounted, 16" Damper	1050 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	135 ACRU 135R101D	105SE61994-00/0050001	2013		
107	10500433	D3060	Exhaust Fan [EF-41]	Roof or Wall-Mounted, 12" Damper	1000 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	136 ACFU 135RI0D	105SE61994-00/0051201	2013		
108	10500418	D3060	Exhaust Fan [EF-42]	Roof or Wall-Mounted, 10" Damper	500 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	120 ACE 120C150 33	105SE61994-00/0052401	2013		
109	10500508	D3060	Exhaust Fan [EF-43]	Roof or Wall-Mounted, 10" Damper	500 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	120 ACE 120C150 33	105SE61994-00/0053801	2013		
110	10500403	D3060	Exhaust Fan [EF-5]	Roof or Wall-Mounted, 16" Damper	1025 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	135 ACRU 135R10D	105SE61994 00/0005901	2013		
111	10500381	D3060	Exhaust Fan [EF-6]	Roof or Wall-Mounted, 10" Damper	430 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	120 ACRU 120R5B	103SE61994-00/0007101	2013		
112	10500452	D3060	Exhaust Fan [EF-7]	Roof or Wall-Mounted, 10" Damper	430 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	120 ACPU 120R5B	105SE61994-00/0008601	2013		

Index	ID	UFCCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
113	10500379	D3060	Exhaust Fan [EF-8]	Roof or Wall-Mounted, 12" Damper	940 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	180 ACRUX 180RX15D	105SE61994-00/0010101	2013		
114	10500451	D3060	Exhaust Fan [EF-9]	Roof or Wall-Mounted, 12" Damper	940 CFM	Herbert Hoover Middle School / Main Building	Roof	Cook	180 ACRUX 180RX15D	105SE61994-007001130	2013		
115	10394331	D3060	Supplemental Components	Air Curtain, 5' Wide Non-Heated		Herbert Hoover Middle School / Main Building	Kitchen	Mars	LPV36-1UA-TS	466792	2013		
116	10394363	D3060	Supplemental Components	Air Curtain, 5' Wide Non-Heated		Herbert Hoover Middle School / Main Building	Kitchen	Mars	LPV36-1UA-TS	466791	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D40 Fire Protection													
1	10500443	D4010	Pump	Fire Suppression	10 HP	Herbert Hoover Middle School / Main Building	199 - Receiving	TYCO	No dataplate	No dataplate	2013		
2	10500475	D4010	Pump	Fire Suppression	25 HP	Herbert Hoover Middle School / Main Building	048 - Mechanical	Illegible	Illegible	XXX-2300991			
3	10500496	D4010	Supplemental Components	Fire Pump Controller	25	Herbert Hoover Middle School / Main Building	048 - Mechanical	GDS Controls	G3C144-53RTU	350508	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D50 Electrical													
1	10500524	D5010	Generator	Diesel, 130 to 300 KW	300 kw	Herbert Hoover Middle School / Site	Site General	Generac	14266060200	215667	2013		
2	10500374	D5010	Automatic Transfer Switch	ATS	200 AMP	Herbert Hoover Middle School / Main Building	Utility basement	Generac	142660603000	107739	2013		
3	10500487	D5010	Automatic Transfer Switch	ATS	200 AMP	Herbert Hoover Middle School / Main Building	Utility basement	Generac	14266060400	107740	2013		
4	10500417	D5020	Secondary Transformer	Dry, Stepdown	75 KVA	Herbert Hoover Middle School / Main Building	042B - Electrical Room	Square D	EE75T3HBCU	2121412052A	2013		
5	10394297	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Herbert Hoover Middle School / Main Building	157A - Electrical	Siemens	3F3Y045	NA	2013		
6	10500502	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Herbert Hoover Middle School / Main Building	042B - Electrical Room	Square D	3T3HBISCUNLP	006500101319	2013		
7	10500495	D5020	Secondary Transformer	Dry, Stepdown	15 KVA	Herbert Hoover Middle School / Main Building	Utility basement	Square D	EE15T3HBCU	110182320	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
8	10394299	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Herbert Hoover Middle School / Main Building	185A - Electrical Room	Square D	EE45T3HBCU	2122112019A	2013		
9	10500387	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Herbert Hoover Middle School / Main Building	047 - Electrical	Siemens	3F3Y045	NA	2000		
10	10500478	D5020	Secondary Transformer	Dry, Stepdown	75 KVA	Herbert Hoover Middle School / Main Building	214 - Electrical Room	Square D	EE75T3HBCU	NA	2013		
11	10394321	D5020	Secondary Transformer	Dry, Stepdown	75 KVA	Herbert Hoover Middle School / Main Building	190A - Electrical Room	Square D	EE75T3HBISCUNLP	006500101551	2013		
12	10500389	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Herbert Hoover Middle School / Main Building	042B - Electrical Room	Square D	EE45T3HBISCUNLP	006500101316	2013		
13	10394340	D5020	Secondary Transformer	Dry, Stepdown	75 KVA	Herbert Hoover Middle School / Main Building	150 - Electrical room	Square D	EE45T3HBISCUNLP	006500101315	2013		
14	10394361	D5020	Secondary Transformer	Dry, Stepdown	75 KVA	Herbert Hoover Middle School / Main Building	108 - Electrical Room	Square D	EE75T3HBCU	2020613044A	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
15	10394379	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Herbert Hoover Middle School / Main Building	150 - Electrical room	Square D	EE45T3HBISCUNLP	006500101317	2013		
16	10500378	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Herbert Hoover Middle School / Main Building	214 - Electrical Room	Square D	EE45T3HBISCUNLP	006500101318	2013		
17	10394366	D5020	Secondary Transformer	Dry, Stepdown	75 KVA	Herbert Hoover Middle School / Main Building	150 - Electrical room	Square D	EE75T3HBCU	2020113041A	2013		
18	10394284	D5020	Secondary Transformer	Dry, Stepdown	112.5 KVA	Herbert Hoover Middle School / Main Building	190A - Electrical Room	Square D	EE112T3HBCU	2011513037A	2013		
19	10500430	D5020	Switchgear	277/480 V	3200 AMP	Herbert Hoover Middle School / Main Building	Utility basement	Square D	29962479-025		2013		
20	10500474	D5020	Distribution Panel [DP-4]	120/208 V	600 AMP	Herbert Hoover Middle School / Main Building	214 - Electrical Room	Square D	12299524790110001	NA	2013		
21	10394356	D5020	Distribution Panel [DP-5]	277/480 V	800 AMP	Herbert Hoover Middle School / Main Building	190A - Electrical Room	Square D	12299524790120001	13073	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
22	10394370	D5020	Distribution Panel [K1]	120/208 V, 400 AMP	350 AMP	Herbert Hoover Middle School / Main Building	Kitchen	Square D	12299524790310001	NA	2013		
23	10394291	D5020	Distribution Panel [K1]	120/208 V, 400 AMP	350 AMP	Herbert Hoover Middle School / Main Building	Commercial Kitchen	Square D	12299524792210001	NA	2013		
24	10500481	D5020	Distribution Panel [M]	277/480 V	400 AMP	Herbert Hoover Middle School / Main Building	Utility basement	Square D	12299524790600081	E1	2013		
25	10394333	D5020	Distribution Panel [R7]	120/240 V	400 AMP	Herbert Hoover Middle School / Main Building	190A - Electrical Room	Square D	12299524790650001	13073	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D70 Electronic Safety & Security													
1	10394298	D7050	Fire Alarm Panel	Fully Addressable		Herbert Hoover Middle School / Main Building	199 - Building Services office						

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
E10 Equipment													
1	10394268	E1030	Foodservice Equipment	Commercial Kitchen, 1-Bowl		Herbert Hoover Middle School / Main Building	Kitchen	advance tabco	No dataplate	No dataplate	2013		
2	10394282	E1030	Foodservice Equipment	Commercial Kitchen, 1-Bowl		Herbert Hoover Middle School / Main Building	Kitchen	ADVANCE TABCO	No dataplate	No dataplate	2013		
3	10394345	E1030	Foodservice Equipment	Commercial Kitchen, 2-Bowl		Herbert Hoover Middle School / Main Building	Kitchen				2013		
4	10394380	E1030	Foodservice Equipment	Convection Oven, Double		Herbert Hoover Middle School / Main Building	Kitchen	Blodgett		G30712RA032T	2013		
5	10394288	E1030	Foodservice Equipment	Convection Oven, Single		Herbert Hoover Middle School / Main Building	Kitchen	Rational	SCC WE 102	E12SH12042299840			
6	10394365	E1030	Foodservice Equipment	Convection Oven, Single		Herbert Hoover Middle School / Main Building	Kitchen	Rational	SCC WE 102	E12SH12042299682			
7	10394271	E1030	Foodservice Equipment	Dairy Cooler/Wells		Herbert Hoover Middle School / Main Building	Kitchen	TRUE	TMC-34-S-DS-SS	7478504			

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
8	10394316	E1030	Foodservice Equipment	Dairy Cooler/Wells		Herbert Hoover Middle School / Main Building	Kitchen	True Manufacturing Co.	TMC-34-S-DS-SS	7478502			
9	10394311	E1030	Foodservice Equipment	Dairy Cooler/Wells		Herbert Hoover Middle School / Main Building	Kitchen	TRUE	TMC-34-S-DS-SS	7478507			
10	10394343	E1030	Foodservice Equipment	Dairy Cooler/Wells		Herbert Hoover Middle School / Main Building	Kitchen		XS-326Y	4005375	2013		
11	10394276	E1030	Foodservice Equipment	Exhaust Hood, 8 to 10 LF		Herbert Hoover Middle School / Main Building	Kitchen				2013		
12	10394303	E1030	Foodservice Equipment	Food Warmer, Proofing Cabinet on Wheels		Herbert Hoover Middle School / Main Building	Kitchen	VICTORY	Inaccessible	Inaccessible			
13	10394275	E1030	Foodservice Equipment	Icemaker, Freestanding		Herbert Hoover Middle School / Main Building	Kitchen	Manitowoc	B420	1101141442	2013		
14	10394376	E1030	Foodservice Equipment	Range, 2-Burner		Herbert Hoover Middle School / Main Building	Kitchen	Garland	MST42-6SE	MST42-6SE-0027	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
15	10394328	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In		Herbert Hoover Middle School / Main Building	Kitchen	VICTORY	RB-29-27-PS	N1206496	2013		
16	10394368	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In		Herbert Hoover Middle School / Main Building	Kitchen	Victory	RS-2D-S7-PT	N1206495	2013		
17	10394349	E1030	Foodservice Equipment	Sink, 1-Bowl		Herbert Hoover Middle School / Main Building	Kitchen	ADVANCE TABCO	NA	NA	2013		
18	10394336	E1030	Foodservice Equipment	Sink, 1-Bowl		Herbert Hoover Middle School / Main Building	Kitchen	ADVANCE TABCO	No dataplate	No dataplate	2013		
19	10500505	E1030	Foodservice Equipment	Walk-In, Condenser for Refigerator/Freezer		Herbert Hoover Middle School / Main Building	Roof	BOHN	BHS015X6C	T13A05991	2013		
20	10500388	E1030	Foodservice Equipment	Walk-In, Condenser for Refigerator/Freezer		Herbert Hoover Middle School / Main Building	Roof	Bohn	BZS055L6C	T13A05992	2013		
21	10394313	E1030	Foodservice Equipment	Walk-In, Evaporator for Refigerator/Freezer		Herbert Hoover Middle School / Main Building	Kitchen	Bohn	Inaccessible	Inaccessible	2013		

Index	ID	UFCode	Component Description	Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
22	10394323	E1030	Foodservice Equipment	Walk-In, Evaporator for Refrigerator/Freezer		Herbert Hoover Middle School / Main Building	Kitchen	Bohn	Inaccessible	Inaccessible	2013		
23	10394364	E1030	Foodservice Equipment	Walk-In, Freezer		Herbert Hoover Middle School / Main Building	Kitchen	BALLY	No dataplate	No dataplate	2013		
24	10394279	E1030	Foodservice Equipment	Walk-In, Refrigerator		Herbert Hoover Middle School / Main Building	Kitchen	Bally	No dataplate	No dataplate	2013		
25	10394283	E1040	Ceramics Equipment	Kiln		Herbert Hoover Middle School / Main Building	Kitchen	Paragon	SNF823	321275			
26	10394308	E1040	Ceramics Equipment	Kiln		Herbert Hoover Middle School / Main Building	Kitchen	LL Kilns	JD230V-HD-208-1P	060513-A-GLOV00	2013		
27	10394354	E1040	Laboratory Equipment	Exhaust Hood, Variable Volume 4 LF	4 LF	Herbert Hoover Middle School / Main Building	KILN ROOM	No dataplate	No dataplate	No dataplate			
28	10500397	E1090	Waste Handling Equipment	Trash Compactor, Cardboard Bailing Press		Herbert Hoover Middle School / Main Building	198 - Trash	Precision Machinery Systems	10T	5579I0913	2013		