# **FACILITY CONDITION ASSESSMENT**



prepared for

Montgomery County Public Schools 45 West Gude Drive, Suite 4000 Rockville, MD 20850



Rolling Terrace Elementary School 705 Bayfield Street Takoma Park, MD 20912

#### PREPARED BY:

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#### **BV PROJECT #:**

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#### DATE OF REPORT:

August 15, 2025

#### ON SITE DATE:

April 3-4, 2025

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# 1. Executive Summary

# Property Overview and Assessment Details

General Information	
Property Type	Elementary school campus
Number of Buildings	One
Main Address	705 Bayfield Street, Takoma Park, MD 20912
Site Developed	1989 Addition 2011
Outside Occupants / Leased Spaces	Cafeteria leased by Horizon (before and after school program)
Date(s) of Visit	April 3-4, 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)	Jackson Clergy, Building Engineer
Assessment and Report Prepared By	Edmund Gabay
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AssetCalc Link	Full dataset for this assessment can be found at: <a href="https://www.assetcalc.net/">https://www.assetcalc.net/</a>



#### Campus Findings and Deficiencies

#### **Historical Summary**

The original school was developed in 1950 but has since been demolished. The current school building functions as a K through 5 elementary school and was constructed in 1989. The last major renovation was the Health Center addition that is estimated to be completed as complete in 2011. The POC reported that major HVAC work including RTU, boiler and chiller replacements occurred in 2015.

#### **Architectural**

The building generally appears structurally sound, with no visible evidence of cracking or settlement. The structure is primarily open web steel joist supporting metal deck roof structure and all supported by CMU bearing walls with brick veneer. The built-up roof with gravel appears to be original while the sloping asphalt shingle roof appears to have been recently replaced around 2020. Near term lifecycle replacement of the flat modified bitumen roof is anticipated.

All exterior walls consist primarily of brick veneer with CMU backup. The interior floor finishes are primarily VCT throughout the main building and the Health Center addition and are in generally fair condition. Ceramic tile in the bathrooms and carpeting in the library is not expected to require lifecycle replacement in the near term. Interior wall finishes are primarily painted CMU throughout. Ceiling finishes in the original building and the Health Center addition are primarily suspended acoustic tile systems are original and near-term lifecycle replacement is not anticipated. Walls are primarily painted CMU throughout.

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

In the main building primary heating and cooling are provided by a central system of gas boilers and chillers serving air handling units and fan coil units throughout the building. In addition, some spaces are served by rooftop package units and there are two ERUs in the penthouse mechanical rooms. The POC reports that the chillers, boilers, and air handling units were replaced in a major HVAC renovation in 2015. The Health Center has its own rooftop package units providing tempered air to spaces.

Although major components of the HVAC system have been upgraded the school principal indicated that comfort levels in many areas including classrooms are not satisfactory. A professional mechanical engineer or consultant must be retained to analyze the existing conditions.

Hot water for plumbing is provided by an electric water heater in the Health Center addition and a gas water heater in the main mechanical room. Water heaters appear to be recent replacements and are in fair condition. The plumbing infrastructure is all the original installation for the main building and for the additions. Fixtures are estimated to be at least 20 years old and lifecycle replacement is anticipated in the near term except for the addition.

The main electrical service enters the building through three 277/480V, 1600AMP switchboards in the main electrical room on the 2<sup>nd</sup> floor. The switchboards appear to be in fair condition but are outdated and lifecycle replacement in the near term is anticipated. There are many subpanels and transformers in electrical closets throughout the building. The electrical service in the Health Center addition is controlled by smaller distribution panels and a step-down transformer. The building is also equipped with an emergency generator and two ATS units.

The commercial kitchen equipment appears to be primarily recently replaced units with a few pieces of original equipment still in place. Lifecyle replacement for most equipment is not anticipated in the near term but is anticipated for older units and budgeting has been included in the cost tables accordingly.

A fully addressable fire alarm system is present with the main fire alarm panel in the electrical panel. The panel is reported to be 5 years old and lifecycle replacement is not anticipated until mid-term while the fire alarm system is estimated to be upgraded in 2010.

#### Site

The east side asphalt parking lots are estimated to have been replaced in 2011 and appear in fair condition, and lifecycle replacement is anticipated for the near term except for an isolated section of ponding. Pavement striping is in good condition having been redone recently. The west side asphalt pavement is older and exhibits widespread areas of alligator cracking. Site lighting is with pole-mounted LED fixtures and wall packs. Much of the playground equipment has been recently replaced and lifecycle replacement is not anticipated in the near term. Concrete sidewalks, for the most part, appear to be the original installation with small sections associated with the addition. The older concrete pavement on the west side shows signs of weathering and surface degradation.



#### 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 conservation.

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 have 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.



### 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 0.617178.



# Immediate Needs

Facility/Building	Total Items	Total Cost
Rolling Terrace Elementary School / Main Building	1	\$10,000
Rolling Terrace Elementary School / Site	2	\$23,100
Total	3	\$33,100

# **Main Building**

<u>ID</u>	Location Description	<u>UF</u> <u>Code</u>	<u>Description</u>	Condition	<u>Plan Type</u>	<u>Cost</u>
9328113	Classrooms/ Media	P2030	Engineering Study, Mechanical, HVAC Controls / Rebalance, Evaluate/Report	NA	Environmental	\$10,000
Total (1 items)						\$10,000

# Site

<u>ID</u>	Location Description	UF Code	<u>Description</u>	<u>Condition</u>	<u>Plan Type</u>	<u>Cost</u>
9195694	East Side Parking Lots	G2020	Parking Lots, Pavement, Asphalt, Cut & Patch	Poor	Performance/Integrity	\$12,100
9195689	West Side Parking Areas	G2020	Parking Lots, Pavement, Asphalt, Cut & Patch	Failed	Performance/Integrity	\$11,000
Total (2 items)						\$23,100



## **Key Findings**



# Parking Lots in Poor condition.

Curb and Gutter, Concrete Site Rolling Terrace Elementary School West Side Parking Areas

Uniformat Code: G2020

Recommendation: Replace in 2027

Priority Score: 86.7

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Plan Type:

Performance/Integrity

Cost Estimate: \$30,000

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Chipped and cracked gutters - AssetCALC ID: 9195685



# Parking Lots in Failed condition.

Pavement, Asphalt Site Rolling Terrace Elementary School West Side Parking Areas

Uniformat Code: G2020

Recommendation: Cut and Patch in 2025

Priority Score: 84.9

Plan Type:

Performance/Integrity

Cost Estimate: \$11,000

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Widespread alligator cracking - AssetCALC ID: 9195689



# Parking Lots in Poor condition.

Pavement, Asphalt Site Rolling Terrace Elementary School East Side Parking Lots

Uniformat Code: G2020

Recommendation: Cut and Patch in 2025

Priority Score: 84.9

Plan Type:

Performance/Integrity

Cost Estimate: \$12,100

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Ponding of rainwater at east end - AssetCALC ID: 9195694



### Radiator in Poor condition.

Hydronic, Baseboard (per LF)
Main Building Rolling Terrace Elementary
School Throughout Building

Uniformat Code: D3020

Recommendation: Replace in 2026

Priority Score: 81.8

Plan Type:

Performance/Integrity

Cost Estimate: \$15,000

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Heaters in cafeteria do not function in a satisfactory manner - AssetCALC ID: 9304611





# Signage in Poor condition.

Wall-Mounted, Room Identification Main Building Rolling Terrace Elementary School Throughout Building

Uniformat Code: C1090

Recommendation: Replace in 2027

Priority Score: 81.7

Plan Type:

Performance/Integrity

Cost Estimate: \$9,200

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Some of the interior room signage is missing or incorrect. The signage needs to be updated to match the most current FISH drawings. A budgetary cost is included. - AssetCALC ID: 9304521



# Recommended Follow-up Study: Mechanical, HVAC Controls / Rebalance

Mechanical, HVAC Controls / Rebalance Main Building Rolling Terrace Elementary School Classrooms/ Media

Uniformat Code: P2030

Recommendation: Evaluate/Report in 2025

Priority Score: 72.9

Plan Type: Environmental

Cost Estimate: \$10,000

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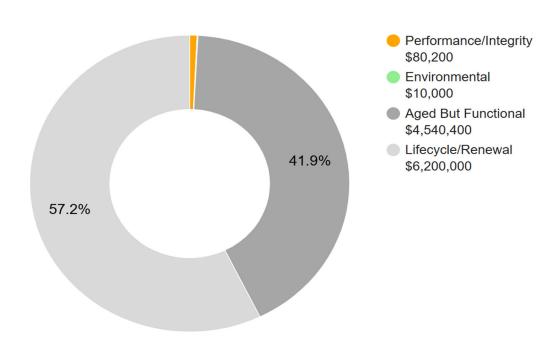
Concerns about lack of cooling in Media Center and humidity in classrooms - AssetCALC ID: 9328113



# 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.

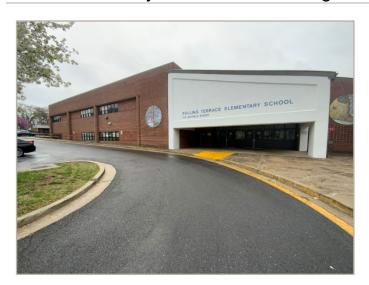
Plan Type Descriptions and Distribution						
Safety	•	An observed or reported unsafe condition that if left unaddressed could result in injury; a system or component that presents potential liability risk.				
Performance/Integrity		Component or system has failed, is almost failing, performs unreliably, 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 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: \$10,830,600



# 2. Elementary School Building





Address	705 Bayfield Street, Takoma Park, MD 20912	
GPS Coordinates	38.9951657, -76.9971571	
Constructed/Renovated	1989 / 2011	
Building Area	92,241 SF	
Number of Stories	2 above grade (mechanical mezzanines are present but not include count)	ed in the
System	Description	Condition
Structure	Masonry bearing walls with metal roof deck supported by open- web steel joists and concrete strip/wall footing foundation system	Good
Façade	Primary Wall Finish: Brick Secondary Wall Finish: Concrete integral to superstructure Windows: Aluminum	Fair
Roof	Primary: Flat construction with built-up finish Secondary: Sloped construction with asphalt shingles Tertiary: Flat with green	Fair
Interiors	Walls: Painted gypsum board, painted glazed CMU, ceramic tile Floors: Carpet, VCT, ceramic tile, sealed concrete Ceilings: Painted gypsum board and ACT, exposed	Fair
Elevators	Passenger: 1 hydraulic car Wheelchair lifts serving Health Center	Fair
Plumbing	Distribution: Copper supply and cast iron and PVC waste and venting Hot Water: Gas and Electric water heaters with integral tanks Fixtures: Toilets, urinals, and sinks in all restrooms	Fair

10/40		Fair			
HVAC	Central System: Boilers, chillers, air handlers feeding VAV and fan coil, hydronic baseboard radiators  Non-Central System: Packaged units				
	Supplemental components: Ductless split-systems, Split-system heat pumps, suspended unit heaters				
Fire Suppression	Wet-pipe sprinkler system and fire extinguishers	Fair			
Electrical	Source and Distribution: Main switchboard panel with copper wiring	Fair			
	Interior Lighting: Linear fluorescent				
	Exterior Building-Mounted Lighting: LED				
	Emergency Power: Natural gas generator with automatic transfer switch				
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 See the appendix for associated photos and additional information.	building			
Additional Studies	The major components of the HVAC system had been upgraded but indicated that comfort levels in many areas including classrooms are satisfactory. A professional mechanical engineer or consultant must retained to analyze the existing conditions, provide recommendation necessary, estimate the scope and cost of any required repairs. The this study is included in the cost tables.	e not be ns and, if			
Areas Observed	A representative sample of the interior spaces was observed to gain understanding of the facility's overall condition. Other areas access assessed included the exterior equipment and assets directly servin buildings, the exterior walls of the facility, and the roofs.	ed and			
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 -2 yr)	Near Term (3-5 yr)	Med Term (6-10 yr)	Long Term (11-20 yr)	TOTAL	
Facade	-	-	\$727,800	\$3,800	\$37,900	\$769,500	
Roofing	-	-	\$643,900	\$53,700	\$2,100	\$699,800	
Interiors	- :	\$9,800	\$1,529,200	\$21,100	\$1,232,800	\$2,792,900	
Conveying	-	-	\$65,600	\$12,100	\$23,500	\$101,200	
Plumbing	-	-	\$727,000	\$32,800	\$27,600	\$787,400	
HVAC	- \$	15,500	\$1,441,700	\$709,200	\$1,130,800	\$3,297,100	
Fire Protection	-	-	\$1,484,100	-	-	\$1,484,100	
Electrical	-	-	\$1,134,800	\$94,900	\$129,700	\$1,359,300	
Fire Alarm & Electronic Systems	-	-	\$599,700	\$449,800	\$861,900	\$1,911,400	
Equipment & Furnishings	-	-	\$453,800	\$111,500	\$300,600	\$865,900	
Follow-up Studies	\$10,000	-	-	-	-	\$10,000	
TOTALS (3% inflation)	\$10,000 \$2	5,200	\$8,807,400	\$1,489,000	\$3,746,900	\$14,078,500	

<sup>\*</sup>Totals have been rounded to the nearest \$100. The darker the shading, the higher the cost.



# 3. Site Summary





Site Information		
Site Area	4.3 acres (estimated)	
Parking Spaces	89 total spaces all in open lots; 5 of which are accessible	
System	Description	Condition
Site Pavement	Asphalt lots with limited areas of concrete aprons and pavement and adjacent concrete sidewalks, curbs, ramps, and stairs	Fair
Site Development	Building-mounted and property entrance signage, wood board and chain link, CMU wall fencing, chain-link fence dumpster enclosures  Playgrounds and courts with bleachers and site lights Limited park benches, picnic tables, trash receptacles	Fair
Landscaping and Topography	Limited landscaping features including lawns, trees, bushes, and planters Irrigation not present Concrete and brick retaining walls Moderate site slopes throughout most of the site. Severe site slopes along south boundary	Good
Utilities	Municipal water and sewer  Local utility-provided electric and natural gas	Good
Site Lighting	Pole-mounted: LED	Good
Ancillary Structures	Storage sheds, manufactured modular buildings	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	Most of 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)		Long Term (11-20 yr)	TOTAL	
Structure	-	-	\$30,000	-	\$80,100	\$110,100	
Special Construction & Demo	-	-	\$10,900	-	\$650,200	\$661,100	
Site Pavement	\$23,100	\$31,800	\$97,800	\$24,700	\$209,200	\$386,500	
Site Development	-	-	\$65,600	\$171,100	\$589,700	\$826,500	
Site Utilities	-	-	\$43,700	-	-	\$43,700	
TOTALS (3% inflation)	\$23,100	\$31,800	\$248,100	\$195,800	\$1,529,200	\$2,028,000	

<sup>\*</sup>Totals have been rounded to the nearest \$100. The darker the shading, the higher the cost.



# 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			
Facility	Year Built/ Renovated	Prior Study Provided?	Major/Moderate Issues Observed?
General Site	1950 / 2011	Yes	No
School Building	1989 / 2011	Yes	No

A prior accessibility survey was conducted by SEM Smolen on 07/01/2010. From BV's perspective and limited analysis of the documents provided in conjunction with our own site visit, it appears that the recommendations from that study have been addressed in full.

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 Rolling Terrace Elementary School, 705 Bayfield Street, Takoma Park, MD 20912, 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.

Prepared by: Edmund Gabay

**Project Assessor** 

Reviewed by:

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**Technical Report Reviewer** 

Daniel White

for

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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



1 - FRONT ELEVATION



2 - LEFT ELEVATION



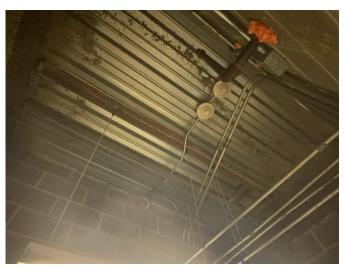
3 - REAR ELEVATION



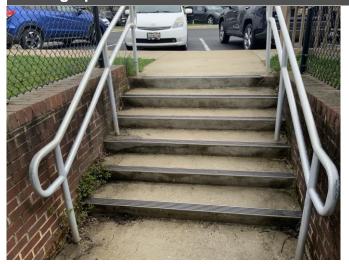
4 - RIGHT ELEVATION



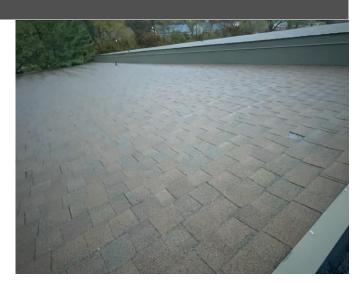
5 - ROOF STRUCTURE



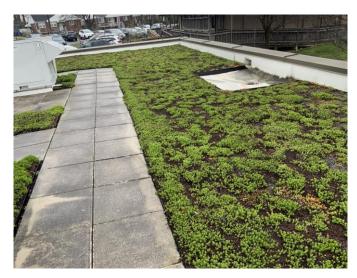
6 - ROOF STRUCTURE



7 - CONCRETE STAIRS



8 - ASPHALT SHINGLE ROOFING



9 - GREEN ROOFING



10 - BUILT-UP ROOFING



11 - EXAM ROOM - HEALTH CENTER



12 - CONFERENCE ROOM - HEALTH CENTER



13 - MAIN OFFICE



14 - LIBRARY



15 - TYPICAL CLASSROOM



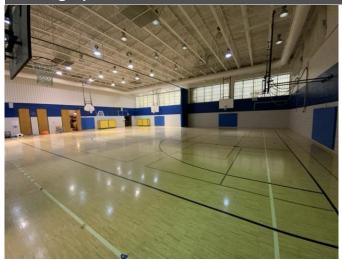
16 - HALLWAYS AND COMMON AREAS



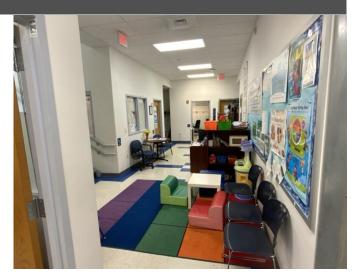
17 - CAFETERIA / MULTIPURPOSE ROOM



18 - COMMERCIAL KITCHEN



19 - GYMNASIUM



20 - OFFICE AREA



21 - WATER HEATER



22 - BACKFLOW PREVENTER



23 - PLUMBING SYSTEM PIPING



24 - GAS BOILERS



25 - AIR COOLED CHILLER



26 - SPLIT SYSTEM DUCTLESS



27 - DISTRIBUTION PUMP



28 - HVAC HYDRONIC PIPING



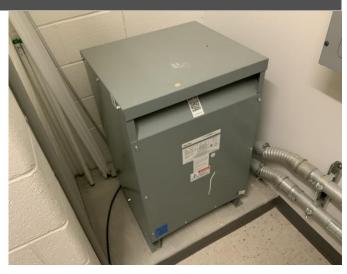
29 - HVAC DUCTWORK



30 - ROOFTOP PACKAGED UNIT

# Photographic Overview TRANSFER SWITCH ROPLER POWER SYSTEMS POWER SYSTEMS

31 - AUTOMATIC TRANSFER SWITCH



32 - SECONDARY TRANSFORMER



33 - SWITCHBOARD



34 - ELECTRICAL SYSTEM



35 - FIRE SUPPRESSION SYSTEM



36 - INTRUSION DETECTION SYSTEM

# Photographic Overview Security:301-279-3232 \*SYSTEM TRUBLE\* \*\*SYSTEM TRUBLE\* \*\*A-1-Malis & Doors A-4-Com Lab A-5-MC A-6-Portables A-7-Mulic A-8-Health Ctr

37 - SECURITY/SURVEILLANCE SYSTEM



38 - FIRE ALARM PANEL



39 - FIRE ALARM SYSTEM



40 - ANCILLARY STORAGE BUILDING

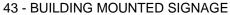


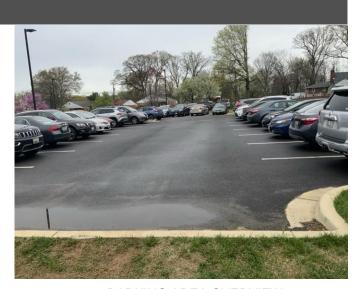
41 - CONCRETE SIDEWALK



42 - CHAIN LINK FENCE AND GATE







44 - PARKING AREA OVERVIEW

# Appendix B: Site Plan(s)



# Site Plan





Project Number	Project Name
172559.25R000-100.354	Rolling Terrace Elementary School
Source	On-Site Date
Google	April 3-4, 2025



Appendix C:
Pre-Survey Questionnaire(s)



#### **BV FACILITY CONDITION ASSESSMENT: PRE-SURVEY QUESTIONNAIRE**

Building / Facility Name: Rolling Terrace Elementary School

Name of person completing form: Jackson Clergy

Title / Association w/ property: Building Engineer

Length of time associated w/ property: 10 years

Date Completed: 4/1/2025

**Phone Number:** 2403513690

Method of Completion: DURING - verbally completed during assessment

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

Data Overview				Response			
1	Year(s) constructed	Constructed 1989	Renovated 2011	Health addition 2011			
2	Building size in SF	92,241	SF				
			Year	Additional Detail			
		Facade	2022	Doors replaced 2022			
		Roof					
		Interiors					
3	Major Renovation/Rehabilitation	HVAC		Boilers 2015			
		Electrical		New wiring in connection with health addition			
		Site Pavement	2022	Parking lot extension 2022			
		Accessibility					
4	List other significant capital improvements (focus on recent years; provide approximate date).	None					
5	List any major capital expenditures planned/requested for the next few years. Have they been budgeted?	Replacement of gym lights to LED					
6	Describe any on-going extremely problematic, historically chronic, or immediate facility needs.	None					

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			Resp	onse		Comments		
		Yes	No	Unk	NA			
7	Are there any problems with foundations or structures, like excessive settlement?		×					
8	Are there any wall, window, basement or roof leaks?		×					
9	Has any part of the facility ever contained visible suspect mold growth, or have there been any indoor air quality complaints?	×				Some teachers have detected smell of mold in classrooms		
10	Are your elevators unreliable, with frequent service calls?		×					
11	Are there any plumbing leaks, water pressure, or clogging/backup issues?		×					
12	Have there been any leaks or pressure problems with natural gas, HVAC piping, or steam service?		×					
13	Are any areas of the facility inadequately heated, cooled or ventilated? Poorly insulated areas?	×				Cooling of media center inadequate		
14	Is the electrical service outdated, undersized, or problematic?		×					
15	Are there any problems or inadequacies with exterior lighting?		×					
16	Is site/parking drainage inadequate, with excessive ponding or other problems?		×					
17	Are there any other unresolved construction defects or significant issues/hazards at the property that have not yet been identified above?		×					
18	ADA: Has an accessibility study been previously performed? If so, when?			×				
19	ADA: Have any ADA improvements been made to the property since original construction? Describe.	×						
20	ADA: Has building management reported any accessibility-based complaints or litigation?		×					
21	Are any areas of the property leased to outside occupants?	×				Horizon leases cafeteria for after school and before school programs		





Signature of Assessor

Appendix D:
Accessibility Review and Photos



### **Visual Checklist - 2010 ADA Standards for Accessible Design**

Property Name: Rolling Terrace Elementary School

BV Project Number: 172559.25R000-100.354

	Abbreviated Accessibility Checklist							
	Facili	ty Histor	ry & Inte	rview				
	Question	Yes	No	Unk	Comments			
1	Has an accessibility study been previously performed? If so, when?	×			For Health Center addition			
2	Have any ADA improvements been made to the property since original construction? Describe.	×						
3	Has building management reported any accessibility-based complaints or litigation?		×					

### Parking



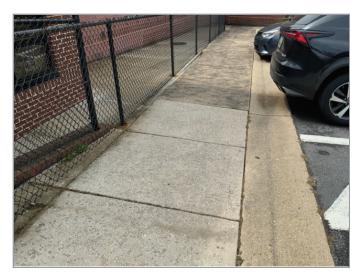




CLOSE-UP OF STALL

	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?		×		Painted symbols but no signs
5	Does each accessible space have an adjacent access aisle ?		×		Two spaces have no access aisles
6	Do parking spaces and access aisles appear to be relatively level and without obstruction?	×			

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

#### **Building Entrances**







ADDITIONAL ENTRANCE

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

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

#### Interior Accessible Route



ACCESSIBLE INTERIOR PATH



DOOR HARDWARE

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

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

#### Elevators







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?		×	Braille characters not on left side
8	Are audible and visual floor position indicators provided in the elevator car?	×		
9	Is the emergency call system on or adjacent to the control panel and does it not require voice communication?	×		

#### 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 ?	×		
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?	×		
9	Do accessories and mirrors appear to be mounted at a compliant height ?	×		

#### Kitchens/Kitchenettes







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?		×		No accessible countertop
4	Is there an accessible sink space of proper width and height ?		×		Sink not accessible
5	Does the sink faucet have compliant handles ?		×		Faucet Handles are not paddle or lever type
6	Is the plumbing piping under the sink configured to protect against contact?	×			

Are the cooktop/range controls front-mounted (or in a location that does not require reaching across the burners)?	×
--	---

### Playgrounds & Swimming Pools



OVERVIEW OF PLAYGROUND



ACCESSIBLE ROUTE TO PLAYGROUND

	Question		No	NA	Comments
1	1 Is there an accessible route to the play area / s?		×		
2	Has the play area been reviewed for accessibility?		×		
3	Are publicly accessible swimming pools equipped with an entrance lift?			×	

Appendix E:
Component Condition Report



UF L3 Cod	de Location	Condition	Asset/Component/Repair	Quantity	RUL	. ID
Structure						
A1010	Substructure	Good	Foundation System, Concrete Strip/Pad Footings w/ Slab, 1-2 Story Building	3,400 SF	61	9304554
A1010	Substructure	Good	Foundation System, Concrete Strip/Pad Footings w/ Slab, 1-2 Story Building	88,800 SF	48	9304520
B1010	Building Exterior	Fair	Loading Dock, Concrete	200 SF	39	9304603
B1010	Superstructure	Good	Structural Framing, Masonry (CMU) Bearing Walls, 1-2 Story Building	92,241 SF	46	9304564
Facade						
B2010	Building Exterior	Fair	Exterior Walls, Brick/Masonry/Stone, Clean & Seal, Maintain	16,800 SF	3	9304538
B2010	Building Exterior	Fair	Exterior Walls, any painted surface, Prep & Paint	2,000 SF	5	9304499
B2010	Building Exterior - Health Center	Fair	Exterior Walls, Brick/Masonry/Stone, Clean & Seal, Maintain	1,700 SF	6	9304529
B2010	Building Exterior - Penthouse	Fair	Exterior Walls, Aluminum Siding	3,400 SF	4	9304536
B2010	Building Exterior	Fair	Exterior Walls, Brick/Masonry/Stone, Clean & Seal, Maintain	5,000 SF	3	9304591
B2010	Building Exterior - Health Center	Good	Exterior Walls, Concrete Block (CMU)	300 SF	36	9304480
B2020	Building Exterior - Health Center	Fair	Glazing, any type by SF	300 SF	16	9304422
B2020	Building Exterior	Fair	Glazing, any type by SF	7,400 SF	3	9304524
B2050	Building Exterior	Fair	Exterior Door, Aluminum-Framed & Glazed, Standard Swing	10	3	9304532
B2050	Building Exterior	Fair	Overhead/Dock Door, Aluminum, 12'x12' (144 SF)	4	3	9304540
B2050	Building Exterior	Fair	Exterior Door, Steel, Commercial	21	4	9304455
B2050	Building Exterior - Penthouse	Fair	Exterior Door, Steel, Commercial	6	4	9304570
B2050	Building Exterior	Fair	Exterior Door, Steel, Commercial	9	4	9304516
B2050	Building Exterior - Health Center	Fair	Exterior Door, Aluminum-Framed & Glazed, Standard Swing	1	16	9304613
B2050	Building Exterior	Fair	Exterior Door, Aluminum-Framed & Glazed, Standard Swing	5	3	9304551
Roofing						
B3010	Roof	Fair	Roofing, Built-Up	42,000 SF	3	9304539
B3010	Roof - Health Center	Fair	Roofing, Green w/ Hot-Applied Rubberized Asphalt	3,000 SF	6	9304563

UF L3 Co	de Location	Condition	Asset/Component/Repair	Quantity	RUL	. ID
B3010	Roof	Good	Roofing, Asphalt Shingle, 30-Year Premium	18,000 SF	25	9304526
B3060	Roof	Fair	Roof Hatch, Metal	1	3	9304530
B3060	Roof - Health Center	Fair	Roof Hatch, Metal	1	16	9304531
Interiors						
C1030	Throughout Building	Fair	Interior Door, Wood, Solid-Core Commercial	164	4	9304472
C1030	Trash Room	Fair	Interior Door, Steel, Standard	1	4	9304496
C1030	Health Center Areas	Good	Interior Door, Wood, Solid-Core Commercial	14	26	9304420
C1030	Gymnasium	Fair	Interior Door, Wood, Solid-Core Commercial	4	4	9304488
C1030	Throughout Building	Fair	Interior Door, Aluminum-Framed & Glazed, Standard Swing	2	4	9304430
C1030	Hallways & Common Areas	Fair	Interior Door, Steel/Wood, Fire-Rated at 90 Minutes or Over	28	4	9304566
C1070	Health Center Areas	Fair	Suspended Ceilings, Acoustical Tile (ACT)	2,700 SF	11	9304596
C1070	Classrooms General	Fair	Suspended Ceilings, Acoustical Tile (ACT)	56,700 SF	3	9304486
C1070	Throughout Building	Fair	Suspended Ceilings, Acoustical Tile (ACT)	26,600 SF	3	9304609
C1090	Restrooms	Fair	Toilet Partitions, Plastic/Laminate	25	3	9304436
C1090	Throughout Building	Poor	Signage, Wall-Mounted, Room Indentification	92,241 SF	2	9304521
C2010	Gymnasium	Good	Wall Finishes, any surface, Prep & Paint	9,200 SF	5	9304448
C2010	Health Center Restrooms	Good	Wall Finishes, Ceramic Tile	1,800 SF	26	9304572
C2010	Classrooms General	Fair	Wall Finishes, any surface, Prep & Paint	55,400 SF	5	9304582
C2010	Throughout Building	Fair	Wall Finishes, any surface, Prep & Paint	97,800 SF	5	9304452
C2010	Health Center Areas	Fair	Wall Finishes, any surface, Prep & Paint	9,200 SF	5	9304461
C2010	Restrooms	Fair	Wall Finishes, Ceramic Tile	11,100 SF	4	9304468
C2030	Common Halls Throughout Building	Fair	Flooring, Vinyl Tile (VCT)	26,600 SF	3	9304589
C2030	Library	Good	Flooring, Carpet, Commercial Tile	1,800 SF	9	9304607
C2030	Restrooms	Fair	Flooring, Ceramic Tile	2,700 SF	4	9304426
C2030	Commercial Kitchen	Fair	Flooring, Quarry Tile	2,700 SF	14	9304534

UF L3 Co	ode Location	Condition	Asset/Component/Repair	Quantity	RUL	. ID
C2030	Restrooms - Health Center	Good	Flooring, Ceramic Tile	400 SF	26	9304546
C2030	Classrooms General	Fair	Flooring, Vinyl Tile (VCT)	44,300 SF	3	9304555
C2030	Health Center Areas	Fair	Flooring, Vinyl Tile (VCT)	2,700 SF	3	9304519
C2030	Gymnasium	Fair	Flooring, Wood, Sports, Refinish	5,300 SF	3	9304581
C2030	Multi-Purpose Room	Fair	Flooring, Vinyl Tile (VCT)	2,200 SF	3	9304493
C2050	Health Center Restrooms	Good	Ceiling Finishes, Gypsum Board/Plaster	900 SF	36	9304593
C2050	Library	Good	Ceiling Finishes, exposed irregular elements, Prep & Paint	1,800 SF	9	9304548
Conveying	g					
D1010	Health Center	Fair	Vertical Lift, Wheelchair, 5' Rise, Renovate	1	11	9304489
D1010	Elevator Shafts/Utility	Fair	Elevator Controls, Automatic, 1 Car	1	3	9304511
D1010	Elevator Shafts/Utility	Fair	Passenger Elevator, Hydraulic, 2 Floors, Renovate	1	3	9304449
D1010	Elevator Shafts/Utility	Fair	Elevator Cab Finishes, Standard	1	10	9304576
Plumbing						
D2010	Restrooms	Fair	Toilet, Commercial Water Closet	25	3	9304505
D2010	Health Center Areas	Fair	Sink/Lavatory, Vanity Top, Stainless Steel	4	16	9304592
D2010	Throughout Building	Fair	Plumbing System, Supply & Sanitary, Low Density (excludes fixtures)	88,835 SF	4	9304424
D2010	Classrooms General	Fair	Sink/Lavatory, Vanity Top, Stainless Steel	40	3	9304544
D2010	Utility Rooms - Health Center	Good	Sink/Lavatory, Service Sink, Wall-Hung	1	21	9304495
D2010	Custodial closet	Fair	Sink/Lavatory, Service Sink, Wall-Hung	4	3	9304434
D2010	Health Center Restrooms	Fair	Sink/Lavatory, Wall-Hung, Enameled Steel	2	16	9304484
D2010	Mechanical Room	Fair	Water Heater, Gas, Commercial (125 MBH)	1	9	9304454
D2010	Restrooms	Fair	Urinal, Standard	10	3	9304584
D2010	Mechanical Room	Good	Backflow Preventer, Domestic Water	1	20	9304490
D2010	Common Halls	Good	Drinking Fountain, Wall-Mounted, Single-Level	2	12	9304464
D2010	Restrooms	Fair	Toilet, Child-Sized	9	3	9304545

UF L3 Cod	de Location	Condition	Asset/Component/Repair	Quantity	RUL	. ID
D2010	Common Halls	Good	Drinking Fountain, Wall-Mounted, Bi-Level	2	12	9304547
D2010	Utility Rooms - Health Center	Fair	Water Heater, Electric, Commercial ( 12 kW)	1	10	9304541
D2010	Health Center Restrooms	Fair	Toilet, Commercial Water Closet	2	16	9304477
D2010	Restrooms	Fair	Sink/Lavatory, Wall-Hung	36	3	9304485
D2010	Throughout Health Center	Good	Plumbing System, Supply & Sanitary, Low Density (excludes fixtures)	3,406 SF	26	9304560
D2060	Mechanical Room	Fair	Air Compressor, Tank-Style	1	3	9304514
HVAC						
D3020	Penthouse Mechanical Room 2	Fair	Unit Heater, Hydronic	1	3	9304580
D3020	Penthouse Mechanical Room 1	Fair	Unit Heater, Hydronic	1	3	9304487
D3020	Throughout Building	Poor	Radiator, Hydronic, Baseboard (per LF)	100 LF	1	9304611
D3020	Mechanical Room	Good	Boiler, Gas, HVAC [Boiler 3]	1	20	9304610
D3020	Mechanical Room	Good	Boiler, Gas, HVAC [Boiler 2]	1	20	9304608
D3020	Mechanical Room	Fair	Boiler Supplemental Components, Expansion Tank, 101 to 175 GAL	1	4	9304535
D3020	Mechanical Room	Good	Boiler, Gas, HVAC [Boiler 1]	1	20	9304460
D3030	Portable Bldg ML1092	Fair	Heat Pump, Packaged & Wall-Mounted	1	9	9304575
D3030	Portable Bldg ML951	Fair	Heat Pump, Packaged & Wall-Mounted	1	6	9304578
D3030	Portable Bldg ML897	Fair	Heat Pump, Packaged & Wall-Mounted	1	5	9304469
D3030	Mechanical Room	Good	Chiller, Air-Cooled [Chiller 1]	1	15	9304438
D3030	Mechanical Room	Fair	Chiller, Air-Cooled [Chiller 2]	1	15	9304597
D3030	Roof	Fair	Split System Ductless, Single Zone	1	6	9304431
D3030	Portable Bldg ML889	Fair	Heat Pump, Packaged & Wall-Mounted	1	5	9304439
D3030	Portable Bldg ML890	Fair	Heat Pump, Packaged & Wall-Mounted	1	5	9304482
D3030	Roof	Fair	Split System, Condensing Unit/Heat Pump	1	3	9304561
D3030	Classrooms General	Fair	Unit Ventilator, approx/nominal 3 Ton, 751 to 1250 CFM	40	10	9304419
D3030	Roof	Fair	Split System Ductless, Single Zone	1	8	9304443

UF L3 Cod	le Location	Condition	Asset/Component/Repair	Quantity	RUL	. ID
D3030	Portable Bldg ML952	Fair	Heat Pump, Packaged & Wall-Mounted	1	6	9304432
D3050	Mechanical Room	Fair	Pump, Distribution, HVAC Chilled or Condenser Water	1	3	9304598
D3050	Mechanical Room	Good	Pump, Distribution, HVAC Heating Water [P-7]	1	15	9304528
D3050	1st Floor Mechanical Loft	Good	Air Handler, Interior AHU, Easy/Moderate Access [AHU-3]	1	20	9304587
D3050	Mechanical Room	Fair	Pump, Distribution, HVAC Chilled or Condenser Water	1	3	9304494
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [ACCU 1]	1	10	9304577
D3050	Penthouse Mechanical Room	Good	Air Handler, Interior AHU, Easy/Moderate Access [ERU-1]	1	26	9304423
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [ACCU-2]	1	10	9304470
D3050	Penthouse Mechanical Room	Good	Air Handler, Interior AHU, Easy/Moderate Access [ERU-2]	1	19	9304550
D3050	Mechanical Room	Fair	HVAC Steam Components, Pump, Condensate Water Return	1	5	9304537
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [ACCU 2]	1	9	9304568
D3050	Mechanical Room	Good	Pump, Distribution, HVAC Chilled or Condenser Water [P-2]	1	15	9304417
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [ACCU-1]	1	9	9304476
D3050	Throughout Building	Fair	HVAC System, Hydronic Piping, 4-Pipe	88,835 SF	4	9304456
D3050	Stage Mechanical loft	Good	Air Handler, Interior AHU, Easy/Moderate Access [AHU-2]	1	20	9304479
D3050	Throughout Building	Fair	HVAC System, Ductwork w/ VAV/FCU, Medium Density	88,835 SF	3	9304614
D3050	Penthouse Mechanical Room	Fair	Air Handler, Interior AHU, Easy/Moderate Access [AHU-4]	1	20	9304518
D3050	Health Center Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted	1	6	9304549
D3050	Mechanical Room	Fair	Pump, Distribution, HVAC Heating Water [P-2]	1	15	9304425
D3050	Throughout Health Center	Fair	HVAC System, Ductwork w/ VAV/FCU, Medium Density	3,406 SF	16	9304492
D3050	Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted [ACCU-3]	1	10	9304451
D3050	Mechanical Room	Good	Pump, Distribution, HVAC Chilled or Condenser Water [P-1]	1	15	9304601
D3050	Health Center Roof	Fair	Packaged Unit, RTU, Pad or Roof-Mounted	1	6	9304588
D3050	Mechanical Room	Good	Pump, Distribution, HVAC Heating Water [P-6]	1	15	9304471
D3050	Mechanical Room	Fair	Pump, Distribution, HVAC Chilled or Condenser Water	1	3	9304474

UF L3 Co	de Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
D3060	Health Center Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 10" Damper [EF -2]	1	6	9304444
D3060	Health Center Roof	Fair	Exhaust Fan, Roof or Wall-Mounted, 12" Damper	1	6	9304440
Fire Protec	ction					
D4010	Mechanical Room	Fair	Fire Riser, Wet Standpipe, 6 IN	1	4	9304504
D4010	Mechanical Room	Fair	Backflow Preventer, Fire Suppression	1	3	9304559
D4010	Throughout Building	Fair	Fire Suppression System, Full System Install/Retrofit, Medium Density/Complexity, Renovate	92,241 SF	4	9304590
Electrical						
D5010	Electrical Room	Fair	Automatic Transfer Switch, ATS	1	11	9304552
D5010	Electrical Room	Fair	Generator, Diesel	1	11	9304557
D5010	Electrical Room	Good	Automatic Transfer Switch, ATS	1	16	9304433
D5020	Electrical Room	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304533
D5020	Mechanical Room	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304428
D5020	Electrical Room	Fair	Switchboard, 277/480 V	1	4	9304604
D5020	Electrical Room	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304507
D5020	Electrical Closet 3	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304483
D5020	Electrical Room 5	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304553
D5020	Electrical Room	Fair	Distribution Panel, 277/480 V [PNL MDP]	1	16	9304599
D5020	Electrical Room	Fair	Switchboard, 277/480 V	1	4	9304462
D5020	Electrical Closet 1	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304513
D5020	Electrical Room	Fair	Distribution Panel, 277/480 V [DA]	1	3	9304442
D5020	Electrical Closet 2	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304427
D5020	Electrical Room 5	Fair	Distribution Panel, 277/480 V [DC]	1	3	9304466
D5020	Electrical Closet 3	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304558
D5020	Electrical Room	Fair	Switchboard, 277/480 V	1	4	9304501
D5020	Electrical Room 4	Fair	Distribution Panel, 277/480 V [DF]	1	3	9304565

UF L3 Co	de Location	Condition	Asset/Component/Repair	Quantity	RUL	. ID
D5020	Electrical Room	Fair	Distribution Panel, 120/208 V [LDA]	1	3	9304522
D5020	Electrical Room 4	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304447
D5020	Electrical Room - Health Center	Fair	Secondary Transformer, Dry, Stepdown	1	3	9304463
D5030	Electrical Room	Fair	Electrical System, Wiring & Switches, Average or Low Density/Complexity	88,835 SF	4	9304594
D5030	Boiler Room	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-3]	1	10	9304606
D5030	Penthouse Mechanical Room 1	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-1]	1	10	9304503
D5030	Stage Mechanical loft	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	1	10	9304523
D5030	Boiler Room	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-1]	1	10	9304478
D5030	Boiler Room	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-4]	1	10	9304579
D5030	Health Center	Good	Electrical System, Wiring & Switches, Average or Low Density/Complexity	3,406 SF	26	9304562
D5030	Penthouse Mechanical Room 2	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-1]	1	10	9304453
D5030	Penthouse Mechanical Room	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-9]	1	10	9304512
D5030	Penthouse Mechanical Room 2	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-2]	1	10	9304459
D5030	Stage Mechanical loft	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-7]	1	10	9304574
D5030	Boiler Room	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [VFD-2]	1	10	9304429
D5030	1st Floor Mechanical Loft	Fair	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	1	10	9304508
D5040	Building Exterior	Good	Exterior Light, Building-Mounted, Higher-Lumen for Large Areas	6	17	9304491
D5040	Gymnasium	Fair	High Intensity Discharge (HID) Fixtures, Metal Halide, Gymnasium Lighting, 400 W	12	3	9304556
D5040	Throughout Building	Fair	Interior Lighting System, Full Upgrade, High Density & Standard Fixtures	88,835 SF	3	9304421
Fire Alarm	& Electronic Systems					_
D6060	Throughout Building	Fair	Intercom/PA System, Public Address Upgrade, Facility-Wide	92,241 SF	6	9304473
D7010	Throughout Building	Good	Intrusion Detection System, Full Alarm System Renovation/Upgrade, Upgrade/Install	92,241 SF	12	9304600
D7030	Throughout Building	Good	Security/Surveillance System, Full System Upgrade, Average Density	92,241 SF	10	9304418
D7050	Engineer Office	Fair	Fire Alarm Panel, Fully Addressable	1	10	9304569
D7050	Throughout Building	Fair	Fire Alarm System, Full System Upgrade, Standard Addressable, Upgrade/Install	92,241 SF	5	9304450

UF L3 Co	de Location	Condition	Asset/Component/Repair	Quantity	RUL	. ID
D8010	Mechanical Room	Fair	BAS/HVAC Controls, DDC Host Computer	1	5	9304509
D8010	Mechanical Room	Fair	BAS/HVAC Controls, DDC Control Panel	1	5	9304573
D8010	Throughout Building	Fair	BAS/HVAC Controls, Basic System or Legacy Upgrades, Upgrade/Install	92,241 SF	5	9304527
Equipment	t & Furnishings					
E1030	Commercial Kitchen	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	12	9304571
E1030	Commercial Kitchen	Fair	Foodservice Equipment, Prep Table Refrigerated, Salad/Sandwich	1	3	9304445
E1030	Commercial Kitchen	Good	Foodservice Equipment, Walk-In, Freezer	1	17	9304467
E1030	Commercial Kitchen	Good	Foodservice Equipment, Sink, 3-Bowl	1	20	9304585
E1030	Commercial Kitchen	Fair	Foodservice Equipment, Convection Oven, Double	1	6	9304475
E1030	Commercial Kitchen	Good	Foodservice Equipment, Walk-In, Refrigerator	1	19	9304506
E1030	Commercial Kitchen	Fair	Foodservice Equipment, Food Warmer, Tabletop Drawers (Set of 4)	1	3	9304612
E1030	Roof	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1	6	9304500
E1030	Commercial Kitchen	Fair	Foodservice Equipment, Walk-In, Evaporator for Refrigerator/Freezer	1	6	9304481
E1030	Commercial Kitchen	Good	Foodservice Equipment, Sink, 1-Bowl	1	20	9304435
E1030	Commercial Kitchen	Good	Foodservice Equipment, Refrigerator, 1-Door Reach-In	1	11	9304502
E1030	Commercial Kitchen	Good	Foodservice Equipment, Refrigerator, 2-Door Reach-In	1	11	9304586
E1030	Commercial Kitchen	Fair	Foodservice Equipment, Prep Table Refrigerated, Salad/Sandwich	1	3	9304458
E1030	Roof	Fair	Foodservice Equipment, Walk-In, Condenser for Refigerator/Freezer	1	6	9304567
E1040	Office Areas	Fair	Healthcare Equipment, Defibrillator (AED), Cabinet-Mounted	2	5	9304542
E1070	Gymnasium	Fair	Basketball Backboard, Ceiling-Mounted, Operable	6	3	9304583
E2010	Classrooms General	Fair	Window Treatments, Operable Blinds, Fire-Resistant	7,000 SF	6	9304605
E2010	Classrooms General	Fair	Casework, Cabinetry, Standard	1,100 LF	3	9304543
E2010	Library	Good	Casework, Countertop, Plastic Laminate	100 LF	14	9304441
E2010	Classrooms General	Fair	Casework, Countertop, Plastic Laminate	300 LF	3	9304498
E2010	Library	Good	Library Shelving, Double-Faced, up to 90" Height	50 LF	19	9304515

UF L3 Code	e Location	Condition	Asset/Component/Repair	Quantity		RUL	ID
E2010	Library	Good	Library Shelving, Single-Faced, up to 90" Height	50	LF	19	9304595
E2010	Library	Good	Casework, Cabinetry, Standard	100	LF	19	9304602
E2010	Health Center Areas	Fair	Casework, Cabinetry, Standard	100	LF	6	9304446
E2010	Health Center Areas	Fair	Casework, Countertop, Plastic Laminate	100	LF	3	9304510
Follow-up St	tudies						
P2030	Classrooms/ Media	NA	Engineering Study, Mechanical, HVAC Controls / Rebalance, Evaluate/Report	2		0	9328113

## Component Condition Report | Rolling Terrace Elementary School / Site

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
Structure						
B1010	East Side Parking Lots	Fair	Exterior Ramp, Wood	2,500 SF	3	9195704
B1080	East Side Parking Lots	Fair	Stairs, Concrete, Exterior	400 SF	14	9195701
Special Const	ruction & Demo					
F1020	Site General	Fair	Ancillary Building, Classroom/Office Module, Standard/Permanent	900 SF	20	9304437
F1020	Site General	Good	Ancillary Building, Classroom/Office Module, Standard/Permanent	900 SF	24	9304457
F1020	Site General	Fair	Ancillary Building, Classroom/Office Module, Standard/Permanent	900 SF	20	9304465
F1020	Site General	Good	Ancillary Building, Classroom/Office Module, Standard/Permanent	900 SF	24	9304525
F1020	Site General	Good	Ancillary Building, Classroom/Office Module, Standard/Permanent	900 SF	24	9304497
F1020	Site General	Fair	Ancillary Building, Wood-Framed or CMU, Standard	100 SF	3	9195709
F1020	Site General	Good	Ancillary Building, Classroom/Office Module, Standard/Permanent	900 SF	24	9304517
Pedestrian Pla	azas & Walkways					
G2020	East Side Parking Lots	Fair	Parking Lots, Pavement, Asphalt, Mill & Overlay	22,000 SF	11	9195714
G2020	East Side Parking Lots	Fair	Parking Lots, Pavement, Asphalt, Seal & Stripe	22,000 SF	4	9195718
G2020	West Side Parking Areas	Fair	Parking Lots, Pavement, Asphalt, Mill & Overlay	20,000 SF	3	9195703
G2020	West Side Parking Areas	Poor	Parking Lots, Curb & Gutter, Concrete	1,000 LF	2	9195685

## Component Condition Report | Rolling Terrace Elementary School / Site

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
G2020	East Side Parking Lots	Fair	Parking Lots, Curb & Gutter, Concrete	1,200 LF	36	9195691
G2020	West Side Parking Areas	Good	Parking Lots, Pavement, Asphalt, Seal & Stripe	20,000 SF	4	9195693
G2020	East Side Parking Lots	Poor	Parking Lots, Pavement, Asphalt, Cut & Patch	2,200 SF	0	9195694
G2020	West Side Parking Areas	Failed	Parking Lots, Pavement, Asphalt, Cut & Patch	2,000 SF	0	9195689
G2030	East Side Parking Lots	Good	Sidewalk, Concrete, Large Areas	3,200 SF	36	9195692
G2030	West Side Parking Areas	Fair	Sidewalk, Concrete, Large Areas	3,000 SF	14	9195686
Athletic, Recr	eational & Playfield Areas					
G2050	Site Playground Areas	Good	Play Structure, Multipurpose, Medium	1	13	9195688
G2050	Site Playground Areas	Good	Play Structure, Multipurpose, Small	1	7	9195700
G2050	Site Playground Areas	Fair	Play Structure, Multipurpose, Medium	1	7	9195708
G2050	Site Sports Fields & Courts	Good	Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Seal & Stripe	20,000 SF	4	9195695
G2050	Site Playground Areas	Fair	Play Structure, Multipurpose, Large	1	13	9195705
G2050	Site Playground Areas	Good	Play Structure, Multipurpose, Small	1	13	9195715
G2050	Site Playground Areas	Excellent	Playfield Surfaces, Rubber, Poured-in-Place	5,000 SF	19	9195716
G2050	Site Sports Fields & Courts	Fair	Sports Apparatus, Basketball, Backboard w/ Pole	4	7	9195697
G2050	Site Sports Fields & Courts	Fair	Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Mill & Overlay	20,000 SF	7	9195710
G2050	Site Playground Areas	Good	Playground Surfaces, Chips Wood, 6" Depth	5,000 SF	4	9195720
Sitework						
G2060	Site General	Fair	Signage, Property, Building or Pole-Mounted, Replace/Install	1	3	9195702
G2060	Site General	Good	Retaining Wall, Brick/Stone	2,000 SF	26	9195719
G2060	Site General	Fair	Fences & Gates, Fence, Wrought Iron 4'	200 LF	3	9195706
G2060	Site General	Fair	Signage, Property, Building-Mounted Individual Letters, Replace/Install	40	3	9195690
G2060	Site General	Good	Fences & Gates, Fence, Wood Board 4'	100 LF	13	9195696
G2060	Site	Fair	Flagpole, Metal	2	3	9195699
G2060	Site General	Fair	Retaining Wall, Concrete Cast-in-Place	1,000 SF	14	9195698

## Component Condition Report | Rolling Terrace Elementary School / Site

UF L3 Code	Location	Condition	Asset/Component/Repair	Quantity	RUL	ID
G2060	Site	Good	Park Bench, Metal Powder-Coated	4	13	9195711
G2060	Site General	Good	Fences & Gates, Fence, Chain Link 4'	300 LF	26	9195713
G2060	Site General	Good	Fences & Gates, Fence, Chain Link 6'	600 LF	26	9195707
G2060	Site General	Fair	Retaining Wall, Treated Timber	1,000 SF	3	9195687
G4050	West Side Parking Areas	Fair	Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, 150 W, Replace/Install	10	3	9195712
Utilities						
G3030	Site	Good	Retention/Detention Ponds, Grass Lined, Install	700 SF	26	9195717

# Appendix F: Replacement Reserves



#### BUREAU VERITAS

#### 5/16/2025

Location	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	Total Escalated Estimate
Rolling Terrace Elementary School	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Rolling Terrace Elementary School / Main Building	\$10,000	\$15,450	\$9,786	\$3,957,871	\$3,920,458	\$929,165	\$403,446	\$0	\$4,434	\$71,241	\$1,009,929	\$138,769	\$441,677	\$38,916	\$113,747	\$1,059,729	\$123,749	\$49,255	\$710,766	\$264,253	\$806,036	\$14,078,676
Rolling Terrace Elementary School / Site	\$23,100	\$0	\$31,827	\$205,433	\$42,657	\$0	\$0	\$146,355	\$0	\$49,451	\$0	\$106,586	\$0	\$103,091	\$328,081	\$0	\$0	\$0	\$46,817	\$294,414	\$650,200	\$2,028,011
Grand Total	\$33,100	\$15,450	\$41,613	\$4,163,304	\$3,963,115	\$929,165	\$403,446	\$146,355	\$4,434	\$120,692	\$1,009,929	\$245,355	\$441,677	\$142,007	\$441,827	\$1,059,729	\$123,749	\$49,255	\$757,583	\$558,667	\$1,456,236	\$16,106,687

Rolling Terrace Elementary School

niformat Co	deLocation Description	ID Cost Description	Lifespan (El	JL)EAge	RUL	Quantit	yonit	Ollit Cost St	ubtotal 2025	2026 2027 2028	2029	2030		2033 2034		2036 2037 203	38 2039	2040	2071	2042 2043 2044	Z045Delicie	ency Repair Estima
2010	Building Exterior	9304538 Exterior Walls, Brick/Masonry/Stone, Clean & Seal, Maintain	20	17	3	16800	SF	\$1.86	\$31,248	\$31,248												\$31,24
010	Building Exterior	9304591 Exterior Walls, Brick/Masonry/Stone, Clean & Seal, Maintain	20	17	3	5000	SF	\$1.86	\$9,300	\$9,300												\$9,3
2010	Building Exterior - Penthouse	9304536 Exterior Walls, Aluminum Siding, Replace	40	36	4	3400	SF	\$7.00	\$23,800		\$23,800											\$23,8
2010	Building Exterior	9304499 Exterior Walls, any painted surface, Prep & Paint	10	5	5	2000	SF	\$3.00	\$6,000			\$6,000						\$6,000				\$12,0
2010	Building Exterior - Health Center	9304529 Exterior Walls, Brick/Masonry/Stone, Clean & Seal, Maintain	20	14	6	1700	SF	\$1.86	\$3,162				\$3,162									\$3,1
2020	Building Exterior	9304524 Glazing, any type by SF, Replace	30	27	3	7400	SF	\$55.00	\$407,000	\$407,000												\$407,0
2020	Building Exterior - Health Center	9304422 Glazing, any type by SF, Replace	30	14	16	300	SF	\$55.00	\$16,500										\$16,500			\$16,5
2050	Building Exterior	9304532 Exterior Door, Aluminum-Framed & Glazed, Standard Swing, Replace	30	27	3	10	EA	\$1,300.00	\$13,000	\$13,000												\$13,0
2050	Building Exterior	9304551 Exterior Door, Aluminum-Framed & Glazed, Standard Swing, Replace	30	27	3	5	EA	\$1,300.00	\$6,500	\$6,500												\$6,5
2050	Building Exterior	9304455 Exterior Door, Steel, Commercial, Replace	40	36	4	21	EA	\$4,060.00	\$85,260		\$85,260											\$85,2
2050	Building Exterior - Penthouse	9304570 Exterior Door, Steel, Commercial, Replace	40	36	4	6	EA	\$4,060.00	\$24,360		\$24,360											\$24,3
2050	Building Exterior	9304516 Exterior Door, Steel, Commercial, Replace	40	36	4	9	EA	\$4,060.00	\$36,540		\$36,540											\$36,5
2050	Building Exterior - Health Center	9304613 Exterior Door, Aluminum-Framed & Glazed, Standard Swing, Replace	30	14	16	1	EA	\$1,300.00	\$1,300										\$1,300			\$1,3
2050	Building Exterior	9304540 Overhead/Dock Door, Aluminum, 12'x12' (144 SF), Replace	30	27	3	4	EA	\$4,400.00	\$17,600	\$17,600												\$17,6
3010	Roof	9304539 Roofing, Built-Up, Replace	25	22	3	42000	SF	\$14.00	\$588,000	\$588,000												\$588,0
3010	Roof - Health Center	9304563 Roofing, Green w/ Hot-Applied Rubberized Asphalt, Replace	20	14	6	3000	SF	\$15.00	\$45,000				\$45,000									\$45,0
060	Roof	9304530 Roof Hatch, Metal, Replace	30	27	3	1	EA	\$1,300.00	\$1,300	\$1,300												\$1,3
060	Roof - Health Center	9304531 Roof Hatch, Metal, Replace	30	14	16	1	EA	\$1,300.00	\$1,300										\$1,300			\$1,3
1030	Throughout Building	9304472 Interior Door, Wood, Solid-Core Commercial, Replace	40	36	4	164	EA	\$700.00	\$114,800		\$114,800											\$114,8
1030	Trash Room	9304496 Interior Door, Steel, Standard, Replace	40	36	4	1	EA	\$600.00	\$600		\$600											\$6
030	Gymnasium	9304488 Interior Door, Wood, Solid-Core Commercial, Replace	40	36	4	4	EA	\$1,400.00	\$5,600		\$5,600											\$5,6
030	Throughout Building	9304430 Interior Door, Aluminum-Framed & Glazed, Standard Swing, Replace	40	36	4	2	EA	\$1,300.00	\$2,600		\$2,600											\$2,0
030	Hallways & Common Areas	9304566 Interior Door, Steel/Wood, Fire-Rated at 90 Minutes or Over, Replace	40	36	4	28	EA	\$950.00	\$26,600		\$26,600											\$26,6
070	Classrooms General	9304486 Suspended Ceilings, Acoustical Tile (ACT), Replace	25	22	3	56700	-		\$198,450	\$198,450												\$198,4
070	Throughout Building	9304609 Suspended Ceilings, Acoustical Tile (ACT), Replace	25	22	-	26600	_		\$93,100	\$93,100												\$93,1
070	Health Center Areas	9304596 Suspended Ceilings, Acoustical Tile (ACT), Replace	25	14	_	_	SF		\$9,450							\$9,450						\$9,4
090	Restrooms	9304436 Toilet Partitions, Plastic/Laminate, Replace	20	17		25	EA			\$18,750						40,100						\$18,7
090	Throughout Building	9304521 Signage, Wall-Mounted, Room Indentification, Replace	30	28		_	SF		\$9,224	\$9,224												\$9,2
2010	Restrooms	9304468 Wall Finishes, Ceramic Tile, Replace	40	36	4		SF				\$199,800											\$199,8
2010	Gymnasium	9304448 Wall Finishes, any surface, Prep & Paint	10	5	-		SF		\$13,800		-	\$13,800						\$13,800				\$27,6
2010	Classrooms General	9304582 Wall Finishes, any surface, Prep & Paint	10	5	5	_	SF		\$83,100			\$83,100						\$83,100				\$166,2
2010	Throughout Building	9304452 Wall Finishes, any surface, Prep & Paint	10	5	5	_	SF		\$146,700			\$146,700						\$146,700				\$100,2
2010	Health Center Areas	9304461 Wall Finishes, any surface, Frep & Paint	10	5	5		SF		\$13,800			\$13,800						\$13,800				\$233,4
	Restrooms		40	36	-				\$48,600		\$48,600	\$13,000						\$13,000				
2030	Commercial Kitchen	9304426 Flooring, Ceramic Tile, Replace 9304534 Flooring, Quarry Tile, Replace	50	36	14	_	SF SF		\$70,200		\$46,600						\$70,200					\$48,6 \$70,2
2030		ng 9304589 Flooring, Vinyl Tile (VCT), Replace	15		3	_	SF		\$133.000	\$133.000							\$70,200			\$133,000		\$266,0
	-																					
2030	Classrooms General	9304555 Flooring, Vinyl Tile (VCT), Replace	15		3	_	-		\$221,500	\$221,500										\$221,500		\$443,0
030	Health Center Areas	9304519 Flooring, Vinyl Tile (VCT), Replace	15		3		SF		\$13,500	\$13,500										\$13,500		\$27,0
2030	Multi-Purpose Room	9304493 Flooring, Vinyl Tile (VCT), Replace	15	_	3		SF		\$11,000	\$11,000										\$11,000		\$22,0
2030	Library	9304607 Flooring, Carpet, Commercial Tile, Replace	10		9		SF		\$11,700					\$11,700						\$11,700		\$23,4
:030	Gymnasium	9304581 Flooring, Wood, Sports, Refinish	10		3	_	SF		\$26,500	\$26,500						\$26,50	0					\$53,0
:050	Library	9304548 Ceiling Finishes, exposed irregular elements, Prep & Paint	10	1	-	1800								\$4,500						\$4,500		\$9,0
010	Elevator Shafts/Utility	9304511 Elevator Controls, Automatic, 1 Car, Replace	20	17		1	EA		\$5,000	\$5,000												\$5,0
010	Elevator Shafts/Utility	9304449 Passenger Elevator, Hydraulic, 2 Floors, Renovate	30	27	_	1	EA		\$55,000	\$55,000												\$55,0
010	Elevator Shafts/Utility	9304576 Elevator Cab Finishes, Standard, Replace	15	5	10	1	EA	\$9,000.00	\$9,000						\$9,000							\$9,0
1010	Health Center	9304489 Vertical Lift, Wheelchair, 5' Rise, Renovate	25	14	11	1	EA	\$17,000.00	\$17,000							\$17,000						\$17,0
010	Mechanical Room	9304454 Water Heater, Gas, Commercial (125 MBH), Replace	20	11	9	1	EA	\$12,400.00	\$12,400					\$12,400								\$12,4
2010	Utility Rooms - Health Center	9304541 Water Heater, Electric, Commercial ( 12 kW), Replace	20	10	10	1	EA	\$12,400.00	\$12,400						\$12,400							\$12,4
2010	Throughout Building	9304424 Plumbing System, Supply & Sanitary, Low Density (excludes fixtures), Replace	40	36	4	88835	SF	\$5.00	\$444,175		\$444,175											\$444,17
2010	Mechanical Room	9304490 Backflow Preventer, Domestic Water, Replace	30	10	20	1	EA	\$1,400.00	\$1,400												\$1,400	\$1,40



#### 5/16/2025

Uniformat Code																							
	Location Description	ID Cost Description	Lifespan (EUL	)EAge R	JL Qu	ıantityUn	nit U	Jnit Cost*	Subtotal 2025	5 2026	2027 2028	2029	2030	2031	2032 2033 2	034 2	035 2036 203	7 2038	2039 2040 204	41 2042	2043 204	4 2045Deficiency Re	epair Estimate
D2010	Restrooms	9304505 Toilet, Commercial Water Closet, Replace	30	27	3	25	EA	\$1,300.00	\$32,500		\$32,500												\$32,500
D2010	Classrooms General	9304544 Sink/Lavatory, Vanity Top, Stainless Steel, Replace	30	27	3	40	EA	\$1,200.00	\$48,000		\$48,000												\$48,000
D2010	Custodial closet	9304434 Sink/Lavatory, Service Sink, Wall-Hung, Replace	35	32	3	4	EA	\$1,400.00	\$5,600		\$5,600												\$5,600
D2010	Restrooms	9304584 Urinal, Standard, Replace	30	27	3	10	EA	\$1,100.00	\$11,000		\$11,000												\$11,000
D2010	Restrooms	9304545 Toilet, Child-Sized, Replace	30	27	3	9	EA	\$900.00	\$8,100		\$8,100												\$8,100
D2010	Restrooms	9304485 Sink/Lavatory, Wall-Hung, Replace	30	27	3	36	EA	\$1,700.00	\$61,200		\$61,200												\$61,200
	Common Halls	9304464 Drinking Fountain, Wall-Mounted, Single-Level, Replace	15	3			EA	\$1,200.00	\$2,400		77.,2.1						\$2,400						\$2,400
	Common Halls	9304547 Drinking Fountain, Wall-Mounted, Bi-Level, Replace	15	3			EA	\$1,500.00	\$3,000								\$3,000						\$3,000
																	\$3,000		04.00				
	Health Center Areas	9304592 Sink/Lavatory, Vanity Top, Stainless Steel, Replace	30	14			EA	\$1,200.00	\$4,800										\$4,80				\$4,800
	Health Center Restrooms	9304484 Sink/Lavatory, Wall-Hung, Enameled Steel, Replace	30	14	16	2	EA	\$1,700.00	\$3,400										\$3,40	_			\$3,400
D2010	Health Center Restrooms	9304477 Toilet, Commercial Water Closet, Replace	30	14	16	2	EA	\$1,300.00	\$2,600										\$2,60	10			\$2,600
D2060	Mechanical Room	9304514 Air Compressor, Tank-Style, Replace	20	17	3	1	EA	\$41,400.00	\$41,400		\$41,400												\$41,400
D3020	Mechanical Room	9304610 Boiler, Gas, HVAC, Replace	30	10	20	1	EA	\$33,800.00	\$33,800													\$33,800	\$33,800
D3020	Mechanical Room	9304608 Boiler, Gas, HVAC, Replace	30	10	20	1	EA	\$33,800.00	\$33,800													\$33,800	\$33,800
D3020	Mechanical Room	9304460 Boiler, Gas, HVAC, Replace	30	10	20	1	EA	\$33,800.00	\$33,800													\$33,800	\$33,800
D3020	Throughout Building	9304611 Radiator, Hydronic, Baseboard (per LF), Replace	30	29	1	100	LF	\$150.00	\$15,000	\$15,000													\$15,000
	Penthouse Mechanical Room 2	9304580 Unit Heater, Hydronic, Replace	20	17	3	1	EA	\$4,600,00	\$4,600		\$4,600												\$4,600
	Penthouse Mechanical Room 1	9304487 Unit Heater, Hydronic, Replace	20	17			EA	\$4,600.00	\$4,600		\$4,600												\$4,600
					-						\$4,000	¢4.400											
	Mechanical Room	9304535 Boiler Supplemental Components, Expansion Tank, 101 to 175 GAL, Replace	40	36				\$4,400.00				\$4,400							£400.000				\$4,400
	Mechanical Room	9304438 Chiller, Air-Cooled, Replace	25	10				\$180,000.00											\$180,000				\$180,000
D3030	Mechanical Room	9304597 Chiller, Air-Cooled, Replace	25	10	15	1	EA S	\$180,000.00	\$180,000										\$180,000				\$180,000
D3030	Roof	9304561 Split System, Condensing Unit/Heat Pump, Replace	15	12	3	1	EA	\$3,400.00	\$3,400		\$3,400										\$3,400		\$6,800
D3030	Portable Bldg ML897	9304469 Heat Pump, Packaged & Wall-Mounted, Replace	20	15	5	1	EA	\$4,000.00	\$4,000				\$4,000										\$4,000
D3030	Portable Bldg ML889	9304439 Heat Pump, Packaged & Wall-Mounted, Replace	20	15	5	1	EA	\$4,000.00	\$4,000				\$4,000										\$4,000
D3030	Portable Bldg ML890	9304482 Heat Pump, Packaged & Wall-Mounted, Replace	20	15	5	1	EA	\$4,000.00	\$4,000				\$4,000										\$4,000
D3030	Portable Bldg ML951	9304578 Heat Pump, Packaged & Wall-Mounted, Replace	20	14	6	1	EA	\$4,000.00	\$4,000					\$4,000									\$4,000
D3030	Roof	9304431 Split System Ductless, Single Zone, Replace	15	9	6	1	EA	\$3,500.00	\$3,500					\$3,500									\$3,500
	Portable Bldg ML952	9304432 Heat Pump, Packaged & Wall-Mounted, Replace	20	14	6	1	EA	\$4,000.00	\$4,000					\$4,000									\$4,000
	Roof	9304443 Split System Ductless, Single Zone, Replace	15	7	-		EA	\$3,500.00	\$3,500					<b>41,000</b>	\$3,500								\$3,500
				'	-											200							
	Portable Bldg ML1092	9304575 Heat Pump, Packaged & Wall-Mounted, Replace	20	11	-		EA	\$4,000.00	\$4,000						\$4,								\$4,000
	Classrooms General	9304419 Unit Ventilator, approx/nominal 3 Ton, 751 to 1250 CFM, Replace	20	10	10		EA	\$9,000.00	\$360,000							\$360,0	000						\$360,000
D3050	Mechanical Room	9304598 Pump, Distribution, HVAC Chilled or Condenser Water, Replace	25	22	3	1	EA	\$6,100.00	\$6,100		\$6,100												\$6,100
D3050	Mechanical Room	9304494 Pump, Distribution, HVAC Chilled or Condenser Water, Replace	25	22	3	1	EA	\$6,100.00	\$6,100		\$6,100												\$6,100
D3050	Mechanical Room	9304474 Pump, Distribution, HVAC Chilled or Condenser Water, Replace	25	22	3	1	EA	\$6,100.00	\$6,100		\$6,100												\$6,100
D3050	Throughout Building	9304456 HVAC System, Hydronic Piping, 4-Pipe, Replace	40	36	4 8	8835	SF	\$8.00	\$710,680			\$710,680											\$710,680
D3050	Mechanical Room	9304528 Pump, Distribution, HVAC Heating Water, Replace	25	10	15	1	EA	\$6,500.00	\$6,500										\$6,500				\$6,500
D3050	Mechanical Room	9304417 Pump, Distribution, HVAC Chilled or Condenser Water, Replace	25	10	15	1	EA	\$13,600.00	\$13,600										\$13,600				\$13,600
D3050	Mechanical Room	9304425 Pump, Distribution, HVAC Heating Water, Replace	25	10	15	1	EA	\$13,600.00	\$13,600										\$13,600				\$13,600
	Mechanical Room	9304601 Pump, Distribution, HVAC Chilled or Condenser Water, Replace	25	10	15			\$13,600.00											\$13,600				\$13,600
		9304471 Pump, Distribution, HVAC Heating Water, Replace		10			EA	\$6,500.00	\$6,500														
	Mechanical Room	-	25		15								ØF 000						\$6,500			Ø5 000	\$6,500
	Mechanical Room	9304537 HVAC Steam Components, Pump, Condensate Water Return, Replace	15	10	-		EA	\$5,800.00					\$5,800									\$5,800	\$11,600
	Throughout Building	9304614 HVAC System, Ductwork w/ VAV/FCU, Medium Density, Replace	30	27	3 8		SF		\$533,010		\$533,010												\$533,010
D3050	Health Center Roof	9304549 Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	14	6	1	EA	\$15,000.00	\$15,000					\$15,000									\$15,000
D3050	Health Center Roof	9304588 Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	14	6	1	EA	\$15,000.00	\$15,000					\$15,000									\$15,000
D3050	Roof	9304568 Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	11	9	1	EA	\$11,000.00	\$11,000						\$11,	000							\$11,000
D3050	Roof	9304476 Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	11	9	1	EA	\$11,000.00	\$11,000						\$11,	000							\$11,000
D3050	Roof	9304577 Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	10	10	1	EA	\$20,000.00	\$20,000							\$20,0	000						\$20,000
D3050	Roof	9304470 Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	10	10	1	EA	\$40,000.00	\$40,000							\$40,0	000						\$40,000
	Roof	9304451 Packaged Unit, RTU, Pad or Roof-Mounted, Replace	20	10	10	1	EA	\$40,000.00	\$40,000							\$40,0							\$40,000
	Throughout Health Center	9304492 HVAC System, Ductwork w/ VAV/FCU, Medium Density, Replace	30	14			SF	\$6.00	\$20,436							<b>*</b> .5,0			\$20,43	16			\$20,436
	Penthouse Mechanical Room	9304550 Air Handler, Interior AHU, Easy/Moderate Access, Replace	30	11				\$49,000.00											Ψ20,43	-	\$49,00		\$49,000
																					\$49,00		
	1st Floor Mechanical Loft	9304587 Air Handler, Interior AHU, Easy/Moderate Access, Replace	30	10				\$31,000.00														\$31,000	\$31,000
	Stage Mechanical loft	9304479 Air Handler, Interior AHU, Easy/Moderate Access, Replace	30	10				\$31,000.00														\$31,000	\$31,000
D3050	Penthouse Mechanical Room	9304518 Air Handler, Interior AHU, Easy/Moderate Access, Replace	30	10	20	1	EA	\$31,000.00	\$31,000													\$31,000	\$31,000
D3060	Health Center Roof	9304444 Exhaust Fan, Roof or Wall-Mounted, 10" Damper, Replace	20	14	6	1	EA	\$1,200.00	\$1,200					\$1,200									\$1,200
D3060	Health Center Roof	9304440 Exhaust Fan, Roof or Wall-Mounted, 12" Damper, Replace	20	14	6	1	EA	\$1,400.00	\$1,400					\$1,400									\$1,400
	Marka da I Barra	9304559 Backflow Preventer, Fire Suppression, Replace	30	27	3	1	EA	\$10,500.00	\$10,500		\$10,500												\$10,500
D4010	Mechanical Room	Backliow Freventer, Fire Suppression, Replace																					
	Mechanical Room	9304504 Fire Riser, Wet Standpipe, 6 IN, Replace	40	36	4	1	EA	\$17,000.00	\$17,000			\$17,000											\$17,000

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Electrical Room  Electrical Room  Electrical Room	9304557 Generator, Diesel, Replace	25	14	11	1	EA	\$58,000.00	\$58,000							\$58,000					650.00
	000 4550 Automotic Toronton Coultrib ATC Boolers							<b>\$00,000</b>												\$58,000
Electrical Room	9304552 Automatic Transfer Switch, ATS, Replace	25	14	11	1	EA	\$8,500.00	\$8,500							\$8,500					\$8,500
Electrical (toolii	9304433 Automatic Transfer Switch, ATS, Replace	25	9	16	1	EA	\$8,500.00	\$8,500									\$8,500			\$8,500
Electrical Room	9304533 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$20,000.00	\$20,000		\$20,000										\$20,000
Mechanical Room	9304428 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$6,700.00	\$6,700		\$6,700										\$6,700
Electrical Room	9304507 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$6,000.00	\$6,000		\$6,000										\$6,00
Electrical Closet 3	9304483 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$7,600.00	\$7,600		\$7,600										\$7,60
Electrical Room 5	9304553 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$10,000.00	\$10,000		\$10,000										\$10,00
Electrical Closet 1	9304513 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$7,600.00	\$7,600		\$7,600										\$7,600
Electrical Closet 2	9304427 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$10,000.00	\$10,000		\$10,000										\$10,000
Electrical Closet 3	9304558 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$6,000.00	\$6,000		\$6,000										\$6,000
Electrical Room 4	9304447 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$10,000.00	\$10,000		\$10,000										\$10,00
Electrical Room - Health Center	9304463 Secondary Transformer, Dry, Stepdown, Replace	30	27	3	1	EA	\$7,600.00	\$7,600		\$7,600										\$7,600
Electrical Room		40	_	4	1	_	\$75,000.00			,	\$75,000									\$75,00
		40		4	1															\$75,000
		_		4																\$75,000
				<u> </u>	-					\$5.300	\$10,000									\$5,300
		_	_	-																\$5,300
				-																
				-	-															\$5,300
		_		-			-			\$6,000							A			\$6,000
Electrical Room	9304599 Distribution Panel, 277/480 V, Replace	30	14	16	1	EA											\$10,000			\$10,000
Electrical Room	9304594 Electrical System, Wiring & Switches, Average or Low Density/Complexity, Replace	40	36	4	88835	SF	\$2.50	\$222,088			\$222,088									\$222,088
Boiler Room	9304606 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$6,200.00	\$6,200						\$	6,200					\$6,200
Penthouse Mechanical Room 1	9304503 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$7,000.00	\$7,000						\$	7,000					\$7,000
Stage Mechanical loft	9304523 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$6,200.00	\$6,200						\$	6,200					\$6,20
Boiler Room	9304478 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$6,200.00	\$6,200						\$	6,200					\$6,20
Boiler Room	9304579 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$6,200.00	\$6,200						\$	6,200					\$6,20
Penthouse Mechanical Room 2	9304453 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$7,000.00	\$7,000						\$	7,000					\$7,00
Penthouse Mechanical Room	9304512 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$6,200.00	\$6,200						\$	6,200					\$6,20
Penthouse Mechanical Room 2	9304459 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$7,000.00	\$7,000						9	7,000					\$7,000
Stage Mechanical loft	9304574 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$6,200.00	\$6,200						\$	6,200					\$6,20
Boiler Room	9304429 Variable Frequency Drive, VFD, by HP of Motor, Replace/Install	20	10	10	1	EA	\$6,200.00	\$6,200						\$	6,200					\$6,200
1st Floor Mechanical Loft		20	10	10	1	EA	\$6,200.00	\$6,200						9	6,200					\$6,20
		e 20	17	3	12	EA	\$1,700,00	\$20,400		\$20,400										\$20,400
· ·			17	3																\$444,17
-				17						*********							\$4.80	20		\$4,800
-			-	6								\$152 198					ψ1,00	,,,		\$152,198
				12	_	_						ψ10 <b>2</b> ,100				200 783				\$299,78
			-				-							040		299,100				
			-								4070 700			\$10	4,402					\$184,48
			_	-							\$276,723	3			5.000					\$276,72
			-	10			-							\$1	5,000					\$15,00
		15		5	1															\$10,00
Mechanical Room		15	10	5	1	EA														\$9,96
Throughout Building	9304527 BAS/HVAC Controls, Basic System or Legacy Upgrades, Upgrade/Install	15	10	5	92241		-				\$230,603	3							\$230,603	\$461,20
Commercial Kitchen	9304445 Foodservice Equipment, Prep Table Refrigerated, Salad/Sandwich, Replace	15	12	3	1	EA	\$4,700.00	\$4,700		\$4,700										\$9,400
Commercial Kitchen	9304612 Foodservice Equipment, Food Warmer, Tabletop Drawers (Set of 4), Replace	15	12	3	1	EA	\$5,700.00	\$5,700		\$5,700										\$11,40
Commercial Kitchen	9304458 Foodservice Equipment, Prep Table Refrigerated, Salad/Sandwich, Replace	15	12	3	1	EA	\$4,700.00	\$4,700		\$4,700								\$4,700		\$9,40
Commercial Kitchen	9304475 Foodservice Equipment, Convection Oven, Double, Replace	10	4	6	1	EA	\$8,280.00	\$8,280				\$8,280					\$8,280			\$16,56
Roof	9304500 Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer, Replace	15	9	6	1	EA	\$6,300.00	\$6,300				\$6,300								\$6,30
Commercial Kitchen	9304481 Foodservice Equipment, Walk-In, Evaporator for Refrigerator/Freezer, Replace	15	9	6	1	EA	\$4,600.00	\$4,600				\$4,600								\$4,60
Roof	9304567 Foodservice Equipment, Walk-In, Condenser for Refigerator/Freezer, Replace	15	9	6	1	EA	\$6,300.00	\$6,300				\$6,300								\$6,30
Commercial Kitchen	9304502 Foodservice Equipment, Refrigerator, 1-Door Reach-In, Replace	15	4	11	1	EA	\$2,700.00	\$2,700							\$2,700					\$2,70
Commercial Kitchen	9304586 Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	4	11	1	EA	\$4,600.00	\$4,600							\$4,600					\$4,60
Commercial Kitchen	9304571 Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace	15	3	12		EA	-									\$4,600				\$4,60
		20	3	17	1	EA											\$25 00	00		\$25,00
			1	19	1		-										1.25,65		\$15.000	\$15,00
		30			1	_	-													\$2,500
					'															
		_			-												40.000		\$1,000	\$1,600 \$6,000
	Electrical Closet 3  Electrical Room 4  Electrical Room - Health Center  Electrical Room - Health Center  Electrical Room  Electrical Room  Electrical Room  Electrical Room 5  Electrical Room 5  Electrical Room 6  Electrical Room 7  Electrical Room 8  Electrical Room 9  Penthouse Mechanical Room 1  Stage Mechanical Room 1  Stage Mechanical Room 2  Penthouse Mechanical Room 2  Penthouse Mechanical Room 2  Penthouse Mechanical Room 1  Stage Mechanical Loft  Gymnasium  Throughout Building  Building Exterior  Throughout Building  Throughout Building  Throughout Building  Throughout Building  Throughout Building  Throughout Building  Commercial Kitchen  Commercial Kitchen  Commercial Kitchen  Roof  Commercial Kitchen  Roof  Commercial Kitchen  Roof  Commercial Kitchen  Roof  Commercial Kitchen	Electrical Closest 3 9304427   Secondary Transformer, Dry, Stepdown, Replace Electrical Room 4 9304447   Secondary Transformer, Dry, Stepdown, Replace Electrical Room 4 9304447   Secondary Transformer, Dry, Stepdown, Replace Electrical Room Health Center  Bedrical Room 9304462   Secondary Transformer, Dry, Stepdown, Replace Electrical Room 9304462   Secondary Transformer, Dry, Stepdown, Replace Electrical Room 9304462   Secondary Transformer, Dry, Stepdown, Replace Electrical Room 9304462   Switchboard, 277480 V, Replace Electrical Room 9304462   Switchboard, 277480 V, Replace Electrical Room 9304462   Distribution Panel, 277480 V, Replace Electrical Room 6 9304462   Distribution Panel, 277480 V, Replace Electrical Room 6 9304650   Distribution Panel, 277480 V, Replace Electrical Room 9304562   Distribution Panel, 277480 V, Replace Electrical Room 9304562   Distribution Panel, 277480 V, Replace Electrical Room 9304569   Distribution Panel, 277480 V, Replace Electrical Room 9304560   Variable Frequency Drive, VFD, by HP of Motor, Replace/Install  Penthouse Mechanical Room 1 9304570   Variable Frequency Drive, VFD, by HP of Motor, Replace/Install  Boiler Room 9304570   Variable Frequency Drive, VFD, by HP of Motor, Replace/Install  Penthouse Mechanical Room 2 9304450   Variable Frequency Drive, VFD, by HP of Motor, Replace/Install  Penthouse Mechanical Room 2 9304450   Variable Frequency Drive, VFD, by HP of Motor, Replace/Install  Steps Mechanical Loft 9304570   Variable Frequency Drive, VFD, by HP of Motor, Replace/Install  Steps Room 9304570   Variable Frequency Drive, VFD, by HP of Motor, Replace/Install  Steps Room 9304570   Variab	Bederical Closest 2   9004477   Secondary Transformor, Dry, Stepdown, Replace   30   30   30   30   30   30   30   3	Electrical Closes 2	Bisschroad Closed 2         004407 Secondary Transformat, Dry, Stepdoon, Registee         30         27         3           Bisschroad Closed 3         004408 Secondary Transformat, Dry, Stepdoon, Registee         30         27         3           Bisschroad Roam 4         004441 Secondary Transformat, Dry, Stepdoon, Registee         30         27         3           Bisschroad Roam 4         004441 Secondary Transformat, Dry, Stepdoon, Registee         40         30         4           Bisschroad Roam 5         0044402 Secondary Transformat, Dry, Stepdoon, Registee         40         30         4           Bisschroad Roam 5         0044402 Secondary Transformat, Dry, Stepdoon, Registee         40         30         4           Bisschroad Roam 6         0044402 Ostebution Panal, 2771400 V. Registee         30         27         3           Bisschroad Roam 6         0044402 Ostebution Panal, 2771400 V. Registee         30         27         3           Bisschroad Roam 6         0044420 Ostebution Panal, 1202080 V. Registee         30         27         3           Bisschroad Roam 6         0044520 Ostebution Panal, 1202080 V. Registee         30         27         3           Bisschroad Roam 6         0044520 Ostebution Panal, 1202080 V. Registee         30         27         3           Bisschroad Roam 7 <t< td=""><td>  Becential Closet 2</td><td>  Bederical Closet 2</td><td>  Bearried Cheese</td><td>  Person Clane   1967   Received Treatment on De State on Page 1979   19</td><td>  Bestelling   Bes</td><td>  Part   Part  </td><td>  Marcian County   Marc</td><td>  Section   Sect</td><td>  Marie Carles   1967   1968   1968   1969  </td><td>  Second Second</td><td>  Section   Sect</td><td>  Marche   M</td><td>See See See See See See See See See See</td><td>  Martine Standard   Martine Sta</td><td>  Marie   Mari</td></t<>	Becential Closet 2	Bederical Closet 2	Bearried Cheese	Person Clane   1967   Received Treatment on De State on Page 1979   19	Bestelling   Bes	Part   Part	Marcian County   Marc	Section   Sect	Marie Carles   1967   1968   1968   1969	Second	Section   Sect	Marche   M	See	Martine Standard   Martine Sta	Marie   Mari

# BUREAU

#### 5/16/2025

Uniformat Co	deLocation Description	<b>I</b> D	Cost Description	Lifespan (EUL	.)EAge	RUL	Quantity	yUnit	Unit Cost* Subt	total 20	025	2026	2027	2028	2029	2030 20	31 20	2033	2034	203	2036	2037	2038	2039	2040	2041	2042 2043	3 2044	2045Deficiency Re	pair Estimate
E1070	Gymnasium	9304583	Basketball Backboard, Ceiling-Mounted, Operable	30	27	3	6	EA	\$7,830.00 \$	\$46,980			\$	46,980																\$46,980
E2010	Classrooms General	930460	Window Treatments, Operable Blinds, Fire-Resistant	20	14	6	7000	SF	\$5.42 \$	37,940						\$37,9	10													\$37,940
E2010	Classrooms General	9304543	Casework, Cabinetry, Standard, Replace	20	17	3	1100	LF	\$300.00 \$3	330,000			\$3	30,000																\$330,000
E2010	Classrooms General	9304498	Casework, Countertop, Plastic Laminate, Replace	15	12	3	300	LF	\$50.00 \$	\$15,000			\$	\$15,000													\$15,000			\$30,000
E2010	Health Center Areas	9304510	Casework, Countertop, Plastic Laminate, Replace	15	12	3	100	LF	\$50.00	\$5,000				\$5,000													\$5,000			\$10,000
E2010	Health Center Areas	9304446	Casework, Cabinetry, Standard, Replace	20	14	6	100	LF	\$300.00 \$	\$30,000						\$30,00	00													\$30,000
E2010	Library	930444	Casework, Countertop, Plastic Laminate, Replace	15	1	14	100	LF	\$50.00	\$5,000														\$5,000						\$5,000
E2010	Library	9304518	Library Shelving, Double-Faced, up to 90" Height, Replace	20	1	19	50	LF	\$480.00 \$	\$24,000																		\$24,000		\$24,000
E2010	Library	9304598	Library Shelving, Single-Faced, up to 90" Height, Replace	20	1	19	50	LF	\$330.00 \$	16,500																		\$16,500		\$16,500
E2010	Library	9304602	Casework, Cabinetry, Standard, Replace	20	1	19	100	LF	\$300.00 \$	\$30,000																		\$30,000		\$30,000
P2030	Classrooms/ Media	9328113	Engineering Study, Mechanical, HVAC Controls / Rebalance, Evaluate/Report	0	10	0	2	EA	\$5,000.00 \$	\$10,000	10,000																			\$10,000
Totals, Unes	calated									\$	10,000 \$	\$15,000 \$9	9,224 \$3,6	\$22,013	\$3,483,277	\$801,506 \$337,8	30 \$	0 \$3,500	\$54,600	\$751,482	\$100,250	\$309,783	26,500	\$75,200	\$680,200	\$77,116	\$29,800 \$417,500	\$150,700	\$446,283	\$11,401,813
Totals, Esca	ated (3.0% inflation, compound	ed annually)								\$	10,000 \$	15,450 \$9	9,786 \$3,9	57,871	\$3,920,458	\$929,165 \$403,44	16 \$	0 \$4,434	\$71,241	\$1,009,929	\$138,769	\$441,677	\$38,916 \$	113,747 \$	1,059,729	\$123,749	\$49,255 \$710,766	\$264,253	\$806,036	\$14,078,676

niformat Cod	eLocation Description	ID Cost Description	Lifespan (EUL	)EAge	RUL	Quantit	yUnit	Unit Co	ost* Su	ubtotal 2025	2026 2027 2028	2029	2030	2031	2032	2033 2	034 20	035 2036 2	037 2038	3 2039	2040	2041 2042 204	3 2044		ciency Repair Estim
1010	East Side Parking Lots	9195704 Exterior Ramp, Wood, Replace	15	12	3	2500	SF	\$1	11.00	\$27,500	\$27,500											\$27,500	)		\$55,
31080	East Side Parking Lots	9195701 Stairs, Concrete, Exterior, Replace	50	36	14	400	SF	\$5	55.00	\$22,000										\$22,000					\$22,
F1020	Site General	9195709 Ancillary Building, Wood-Framed or CMU, Standard, Replace	35	32	3	100	SF	\$10	00.00	\$10,000	\$10,000														\$10,0
1020	Site General	9304437 Ancillary Building, Classroom/Office Module, Standard/Permanent, Replace	35	15	20	900	SF	\$20	0.00 \$	180,000														\$180,000	\$180,0
F1020	Site General	9304465 Ancillary Building, Classroom/Office Module, Standard/Permanent, Replace	35	15	20	900	SF	\$20	0.00 \$	180,000														\$180,000	\$180,0
G2020	East Side Parking Lots	9195694 Parking Lots, Pavement, Asphalt, Cut & Patch	0	0	0	2200	SF	\$	55.50	\$12,100 \$12,100															\$12,1
G2020	West Side Parking Areas	9195689 Parking Lots, Pavement, Asphalt, Cut & Patch	0	0	0	2000	SF	\$	55.50	\$11,000 \$11,000															\$11,0
G2020	West Side Parking Areas	9195703 Parking Lots, Pavement, Asphalt, Mill & Overlay	25	22	3	20000	SF	\$	3.50	\$70,000	\$70,000														\$70,0
G2020	East Side Parking Lots	9195718 Parking Lots, Pavement, Asphalt, Seal & Stripe	5	1	4	22000	SF	\$	0.45	\$9,900		\$9,900				\$9,9	00			\$9,900			\$9,900	ı	\$39,6
G2020	West Side Parking Areas	9195693 Parking Lots, Pavement, Asphalt, Seal & Stripe	5	1	4	20000	SF	\$	0.45	\$9,000		\$9,000				\$9,0	00			\$9,000			\$9,000	1	\$36,0
G2020	East Side Parking Lots	9195714 Parking Lots, Pavement, Asphalt, Mill & Overlay	25	14	11	22000	SF	\$	3.50	\$77,000								\$77,000							\$77,0
G2020	West Side Parking Areas	9195685 Parking Lots, Curb & Gutter, Concrete, Replace	50	48	2	1000	LF	\$3	80.00	\$30,000	\$30,000														\$30,0
G2030	West Side Parking Areas	9195686 Sidewalk, Concrete, Large Areas, Replace	50	36	14	3000	SF	s	9.00	\$27,000										\$27,000					\$27,0
G2050	Site Sports Fields & Court	s 9195695 Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Seal & Stripe	5	1	4	20000	SF	s	0.45	\$9,000		\$9,000				\$9,0	00			\$9,000			\$9,000	1	\$36,0
G2050	Site Sports Fields & Court	s 9195697 Sports Apparatus, Basketball, Backboard w/ Pole, Replace	25	18	7	4	EA	\$4,75	0.00	\$19,000					\$19,000										\$19,0
G2050	Site Sports Fields & Court	s 9195710 Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Mill & Overlay	25	18	7	20000	SF	s	3.50	\$70,000					\$70,000										\$70,0
G2050	Site Playground Areas	9195720 Playground Surfaces, Chips Wood, 6" Depth, Replace	5	1	4	5000	SF	s	2.00	\$10,000		\$10,000				\$10,0	00			\$10,000			\$10,000	,	\$40,0
G2050	Site Playground Areas	9195700 Play Structure, Multipurpose, Small, Replace	20	13	7	1	EA	\$10,00	00.00	\$10,000					\$10,000										\$10,0
G2050	Site Playground Areas	9195708 Play Structure, Multipurpose, Medium, Replace	20	13	7	1	EA	\$20,00	00.00	\$20,000					\$20,000										\$20,0
G2050	Site Playground Areas	9195688 Play Structure, Multipurpose, Medium, Replace	20	7	13	1	EA	\$20,00	00.00	\$20,000									\$20,000						\$20,0
G2050	Site Playground Areas	9195705 Play Structure, Multipurpose, Large, Replace	20	7	13	1	EA	\$35,00	00.00	\$35,000									\$35,000						\$35,0
G2050	Site Playground Areas	9195715 Play Structure, Multipurpose, Small, Replace	20	7	13	1	EA	\$10,00	00.00	\$10,000									\$10,000						\$10,0
G2050	Site Playground Areas	9195716 Playfield Surfaces, Rubber, Poured-in-Place, Replace	20	1	19	5000	SF	\$2	26.00 \$	130,000													\$130,000	ı	\$130,0
G2060	Site General	9195706 Fences & Gates, Fence, Wrought Iron 4', Replace	50	47	3	200	LF	\$4	0.00	\$8,000	\$8,000														\$8,0
G2060	Site General	9195696 Fences & Gates, Fence, Wood Board 4', Replace	20	7	13	100	LF	\$2	24.00	\$2,400									\$2,400						\$2,4
G2060	Site	9195711 Park Bench, Metal Powder-Coated, Replace	20	7	13	4	EA	\$70	00.00	\$2,800									\$2,800						\$2,8
G2060	Site General	9195702 Signage, Property, Building or Pole-Mounted, Replace/Install	20	17	3	1	EA	\$1,50	00.00	\$1,500	\$1,500														\$1,5
G2060	Site General	9195690 Signage, Property, Building-Mounted Individual Letters, Replace/Install	20	17	3	40	EA	\$15	0.00	\$6,000	\$6,000														\$6,0
32060	Site	9195699 Flagpole, Metal, Replace	30	27	3	2	EA	\$2,50	00.00	\$5,000	\$5,000														\$5,0
G2060	Site General	9195687 Retaining Wall, Treated Timber, Replace	25	22	3	1000	SF	\$2	20.00	\$20,000	\$20,000														\$20,0
G2060	Site General	9195698 Retaining Wall, Concrete Cast-in-Place, Replace	50	36	14	1000	SF	\$13	80.00 \$	130,000										\$130,000					\$130,0
G4050	West Side Parking Areas	9195712 Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, 150 W, Replace/Inst	all 20	17	3	10	EA	\$4,00	00.00	\$40,000	\$40,000														\$40,0
Totals, Unesca										\$23,100	\$0 \$30,000 \$188,000	***	- 44		\$119.000	\$0 \$37.9		\$0 \$77.000	\$0 \$70,200		\$0	\$0 \$0 \$27 500		\$360,000	\$1,355,4

<sup>\*</sup> Markup has been included in unit costs.

Appendix G:
Equipment Inventory List



Index	ID	UFCode	Component Descriptio	n Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D10 Cor	nveying												
1	9304511	D1010	Elevator Controls	Automatic, 1 Car		Rolling Terrace Elementary School / Main Building	Elevator Shafts/Utility	Westinghouse	HG 16500		1989		
2	9304449	D1010	Passenger Elevator	Hydraulic, 2 Floors	2000 LB	Rolling Terrace Elementary School / Main Building	Elevator Shafts/Utility	Westinghouse	E-1	5405C01 G02	1989		
3	9304489	D1010	Vertical Lift	Wheelchair, 5' Rise		Rolling Terrace Elementary School / Main Building	Health Center	Wheel o vater	CDE72	143773-1	2011		

Index	ID	UFCode	Component Descriptio	n Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D20 Plur	mbing												
1	9304541	D2010	Water Heater	Electric, Commercial ( 12 kW)	46 GAL	Rolling Terrace Elementary School / Main Building	Utility Rooms - Health Center	State Industries, Inc.	CSB526SFEX 100	1509M002367	2015		
2	9304454	D2010	Water Heater	Gas, Commercial (125 MBH)	80 GAL	Rolling Terrace Elementary School / Main Building	Mechanical Roon	State Industries, Inc.	SBD81199NE 118	1448M001349	2014		
3	9304490	D2010	Backflow Preventer	Domestic Water	1 IN	Rolling Terrace Elementary School / Main Building	Mechanical Roon	n RPZ	909	155500	2015		
4	9304514	D2060	Air Compressor	Tank-Style	25 HP	Rolling Terrace Elementary School / Main Building	Mechanical Roon	n Furnas	83L6302316H4		1989		

Index	ID	UFCode	Component Descriptio	n Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D30 HVA	С												
1	9304460	D3020	<b>Boiler</b> [Boiler 1]	Gas, HVAC	1000 MBH	Rolling Terrace Elementary School / Main Building	Mechanical Roon	n Fulton	EDR-1000	118895	2015		
2	9304608	D3020	<b>Boiler</b> [Boiler 2]	Gas, HVAC	1000 MBH	Rolling Terrace Elementary School / Main Building	Mechanical Roon	n Fulton	EDR-1000	118967	2015		
3	9304610	D3020	<b>Boiler</b> [Boiler 3]	Gas, HVAC	1000 MBH	Rolling Terrace Elementary School / Main Building	Mechanical Roon	n Fulton	EDR-1000	119056	2015		
4	9304611	D3020	Radiator	Hydronic, Baseboard (pe	er	Rolling Terrace Elementary School / Main Building	Throughout Building				1989		100
5	9304580	D3020	Unit Heater	Hydronic	240 MBH	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roon 2	n Trane	UHSA-2308-BC-AA-1	D86M005072	1989		
6	9304487	D3020	Unit Heater	Hydronic	240 MBH	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roon 1	n Trane	H1SA-2305-8C-AAT	D87C04916	1989		
7	9304535	D3020	Boiler Supplemental Components	Expansion Tank, 101 to 175 GAL	175 GAL	Rolling Terrace Elementary School / Main Building	Mechanical Roon	n Inaccessible	Inaccessible	Inaccessible	1989		
8	9304438	D3030	<b>Chiller</b> [Chiller 1]	Air-Cooled	150 TON	Rolling Terrace Elementary School / Main Building	Mechanical Roon	n Daikin Industries	AGZ150EPMNN-EROO	SINU150600159	2015		
9	9304597	D3030	Chiller [Chiller 2]	Air-Cooled	150 TON	Rolling Terrace Elementary School / Main Building	Mechanical Roon	n Daikin Industries	AGZ150EPMINN-ER0C	STNU150600155	2015		
10	9304575	D3030	Heat Pump	Packaged & Wall- Mounted	2 TON	Rolling Terrace Elementary School / Main Building	Portable Bldg ML1092	Bard Manufacturing Company	<sup>g</sup> W42H2DA10RXXXXE	332F143119727-02	2014		
11	9304578	D3030	Heat Pump	Packaged & Wall- Mounted	2 TON	Rolling Terrace Elementary School / Main Building	Portable Bldg ML951	Bard Manufacturing Company	<sup>g</sup> S38H1DA10R:	309F112808000-02	2011		

Index	ID	UFCode	Component Description	on Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
12	9304469	D3030	Heat Pump	Packaged & Wall- Mounted	2 TON	Rolling Terrace Elementary School / Main Building	Portable Bldg ML897	Bard Manufacturing Company	<sup>g</sup> S38H1DA10R	309D102698097-02	2010		
13	9304439	D3030	Heat Pump	Packaged & Wall- Mounted	2 TON	Rolling Terrace Elementary School / Main Building	Portable Bldg ML889	Bard Manufacturing Company	g S38H1DA10R	309D102696707-02	2010		
14	9304482	D3030	Heat Pump	Packaged & Wall- Mounted	2 TON	Rolling Terrace Elementary School / Main Building	Portable Bldg ML890	Bard Manufacturing Company	g S38H1DA10R	309D102698101-02	2010		
15	9304432	D3030	Heat Pump	Packaged & Wall- Mounted	2 TON	Rolling Terrace Elementary School / Main Building	Portable Bldg ML952	Bard Manufacturing Company	g S38H1DA10RXXXXE EHS	309F112808006-02	2011		
16	9304561	D3030	Split System	Condensing Unit/Heat Pump	1.5 TON	Rolling Terrace Elementary School / Main Building	Roof	York	YHE18B21SA	W1G6783373	2011		
17	9304431	D3030	Split System Ductless	Single Zone	1 TON	Rolling Terrace Elementary School / Main Building	Roof	Daikin Industries	RK12NMVJU	GO04447	2016		
18	9304443	D3030	Split System Ductless	Single Zone	1 TON	Rolling Terrace Elementary School / Main Building	Roof	Daikin Industries	RXLO9GMVJU	003701	2018		
19	9304419	D3030	Unit Ventilator	approx/nominal 3 Ton, 751 to 1250 CFM		Rolling Terrace Elementary School / Main Building	Classrooms General				2015		40
20	9304598	D3050	Pump	Distribution, HVAC Chilled or Condenser Water	5 HP	Rolling Terrace Elementary School / Main Building	Mechanical Room	Baldor	M3218TH	F196	1989		
21	9304494	D3050	Pump	Distribution, HVAC Chilled or Condenser Water	5 HP	Rolling Terrace Elementary School / Main Building	Mechanical Room	Marathon Electric	TVP184T.T0R102608	NA	1989		
22	9304474	D3050	Pump	Distribution, HVAC Chilled or Condenser Water	5 HP	Rolling Terrace Elementary School / Main Building	Mechanical Room	Marathon Electric	TVF.184TTDR7026DFL	NA	1989		

Index	ID	UFCode	Component Descriptio	n Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
23	9304601	D3050	Pump [P-1]	Distribution, HVAC Chilled or Condenser Water	25 HP	Rolling Terrace Elementary School / Main Building	Mechanical Roo	n Baldor Reliance	EM25311-C	C1501230387	2015		
24	9304417	D3050	<b>Pump</b> [P-2]	Distribution, HVAC Chilled or Condenser Water	25 HP	Rolling Terrace Elementary School / Main Building	Mechanical Rooi	m Baldor Reliance	EM2531T-G	C/501230397	2015		
25	9304425	D3050	<b>P</b> ump [P-2]	Distribution, HVAC Heating Water	25 HP	Rolling Terrace Elementary School / Main Building	Mechanical Rooi	n Baldor Reliance	EM2531T-G	C1501230397	2015		
26	9304471	D3050	<b>Pump</b> [P-6]	Distribution, HVAC Heating Water	7.5 HP	Rolling Terrace Elementary School / Main Building	Mechanical Rooi	n Baldor Reliance	EM3311T-G	F1503265833	2015		
27	9304528	D3050	<b>P</b> ump [P-7]	Distribution, HVAC Heating Water	7.5 HP	Rolling Terrace Elementary School / Main Building	Mechanical Roo	n Baldor Reliance	EM3311T-G	F1 503265859	2015		
28	9304537	D3050	HVAC Steam Components	Pump, Condensate Water Return	3 HP	Rolling Terrace Elementary School / Main Building	Mechanical Roo	m No dataplate	No dataplate	No dataplate	2015		
29	9304479	D3050	<b>Air Handler</b> [AHU- 2]	Interior AHU, Easy/Moderate Access	5000 CFM	Rolling Terrace Elementary School / Main Building	Stage Mechanica	al Daikin Industries	CAH012GDAC	FBOU150600967	2015		
30	9304587	D3050	<b>Air Handler</b> [AHU-3]	Interior AHU, Easy/Moderate Access	5000 CFM	Rolling Terrace Elementary School / Main Building	1st Floor Mechanical Loft	Daikin Industries	CAHO12GDAC	FBOU150600969	2015		
31	9304518	D3050	<b>Air Handler</b> [AHU- 4]	Interior AHU, Easy/Moderate Access	5000 CFM	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roo	Daikin Industries n	CAH017GHAC	FBOU150600851	2015		
32	9304423	D3050	<b>Air Handler</b> [ERU- 1]	Interior AHU, Easy/Moderate Access	10000 CFM	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roo	Munters n	PV-W15P-WPP	21331447	2021		
33	9304550	D3050	<b>Air Handler</b> [ERU- 2]	Interior AHU, Easy/Moderate Access	10000 CFM	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roo	Munters n	PV-W15P-WPP	21331447	2014		

Index	ID	UFCode	Component Descriptio	on Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
34	9304549	D3050	Packaged Unit	RTU, Pad or Roof- Mounted	6 TON	Rolling Terrace Elementary School / Main Building	Health Center Roof				2011		
35	9304588	D3050	Packaged Unit	RTU, Pad or Roof- Mounted	6 TON	Rolling Terrace Elementary School / Main Building	Health Center Roof				2011		
36	9304577	D3050	Packaged Unit [ACCU 1]	RTU, Pad or Roof- Mounted	7.5 TON	Rolling Terrace Elementary School / Main Building	Roof	Daikin Industries	RCS072DYYYYY	FBOU150500054	2015		
37	9304568	D3050	Packaged Unit [ACCU 2]	RTU, Pad or Roof- Mounted	5 TON	Rolling Terrace Elementary School / Main Building	Roof	AAON, Inc.	CC-C-063-3-D-2	201403-CHCK06516	2014		
38	9304476	D3050	Packaged Unit [ACCU-1]	RTU, Pad or Roof- Mounted	5 TON	Rolling Terrace Elementary School / Main Building	Roof	AAON, Inc.	CC-C-063-3-D-2	201403-CHCK06515	2014		
39	9304470	D3050	Packaged Unit [ACCU-2]	RTU, Pad or Roof- Mounted	20 TON	Rolling Terrace Elementary School / Main Building	Roof	Daikin Industries	RCSO20DYYYYY	FBOU150500028	2015		
40	9304451	D3050	Packaged Unit [ACCU-3]	RTU, Pad or Roof- Mounted	20 TON	Rolling Terrace Elementary School / Main Building	Roof	Daikin Industries	RCS020DYYYYY	FBOU150500033	2015		
41	9304440	D3060	Exhaust Fan	Roof or Wall-Mounted, 12" Damper	1000 CFM	Rolling Terrace Elementary School / Main Building	Health Center Roof				2011		
42	9304444	D3060	Exhaust Fan [EF -2]	Roof or Wall-Mounted, 10" Damper	150 CFM	Rolling Terrace Elementary School / Main Building	Health Center Roof	Cook	90 ED0 ACEM 90C15D	439255641- 00/0002401	2011		

Index	ID	UFCode	Component Descrip	tion Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D40 Fire	Protection												
1	9304559	D4010	Backflow Preventer	Fire Suppression	6 IN	Rolling Terrace Elementary School / Main Building	Mechanical Roo	m Watts	Illegible	Illegible	1989		

D50 Electr			· · · · · · · · · · · · · · · · · · ·	on Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
	rical												
1	9304557	D5010	Generator	Diesel	100 KVA	Rolling Terrace Elementary School / Main Building	Electrical Room	Kohler	100REZGD	3029850	2011		
2	9304552	D5010	Automatic Transfer Switch	ATS	80 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	Kohler	KSS -DMTA -0080S	K3026913	2011		
3	9304433	D5010	Automatic Transfer Switch	ATS	100 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	ASCO	GM30298	1626084-2	2016		
4	9304533	D5020	Secondary Transformer	Dry, Stepdown	15 KVA	Rolling Terrace Elementary School / Main Building	Electrical Room	ITE Electric	3F 3Y150-BC	NP 475A596AAP102 RO	1989		
5	9304428	D5020	Secondary Transformer	Dry, Stepdown	30 KVA	Rolling Terrace Elementary School / Main Building	Mechanical Roo	m Square D	EE30T3H	33349-17212-089	1989		
6	9304507	D5020	Secondary Transformer	Dry, Stepdown	15 KVA	Rolling Terrace Elementary School / Main Building	Electrical Room	ITE Electric	3F3Y015-BC	475A654CAG863 RO	1989		
7	9304483	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Rolling Terrace Elementary School / Main Building	Electrical Closet	3 ITE Electric	3F3Y045-BC	NP 475A596AAP084] RG	1989		
8	9304553	D5020	Secondary Transformer	Dry, Stepdown	75 KVA	Rolling Terrace Elementary School / Main Building	Electrical Room	5 ITE Electric	3F3Y075-BC	NP 475A596AAP086 RO	1989		
9	9304513	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Rolling Terrace Elementary School / Main Building	Electrical Closet	1 ITE Electric	3F3Y045-BC	475A596AAP084 RO	1989		
10	9304427	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Rolling Terrace Elementary School / Main Building	Electrical Closet	2 ITE Electric	3F3Y075-BC	475A596AAP086 RO	1989		
11	9304558	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Rolling Terrace Elementary School / Main Building	Electrical Closet	3 ITE Electric	3F3Y015-BC	475A596AAP097 RO	1989		

Index	ID	UFCode	Component Description	n Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
12	9304447	D5020	Secondary Transformer	Dry, Stepdown	400 KVA	Rolling Terrace Elementary School / Main Building	Electrical Room 4	4 ITE Electric	3F3Y075-BC	NP 475A596AAP9ES RO	1989		
13	9304463	D5020	Secondary Transformer	Dry, Stepdown	45 KVA	Rolling Terrace Elementary School / Main Building	Electrical Room - Health Center	Federal Pacific	T4T45CSE	E37783	1989		
14	9304604	D5020	Switchboard	277/480 V	1600 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	ITE Electric	FC II	18 97331	1989		
15	9304462	D5020	Switchboard	277/480 V	1600 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	ITE Electric	FC II	18 97331	1989		
16	9304501	D5020	Switchboard	277/480 V	1600 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	ITE Electric	FC II	18 91331	1989		
17	9304442	D5020	<b>Distribution Panel</b> [DA]	277/480 V	400 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	ITE Electric	CDR A	79-28902 BF1	1989		
18	9304466	D5020	<b>Distribution Panel</b> [DC]	277/480 V	400 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	5 ITE Electric	CDP-7	79-28902 701	1989		
19	9304565	D5020	<b>Distribution Panel</b> [DF]	277/480 V	400 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room 4	4 ITE Electric	CDP -7	79-28902 AAI	1989		
20	9304522	D5020	<b>Distribution Panel</b> [LDA]	120/208 V	400 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	ITE Electric	CDP-7	79-28902 BHI	1989		
21	9304599	D5020	<b>Distribution Panel</b> [PNL MDP]	277/480 V	800 AMP	Rolling Terrace Elementary School / Main Building	Electrical Room	Siemens	P4E60M1600FTS		2011		
22	9304523	D5030	Variable Frequency Drive	VFD, by HP of Motor	7.5 HP	Rolling Terrace Elementary School / Main Building	Stage Mechanica	al ABB	ACH550-VCR-03A3-4	2152103903	2015		

Index	ID	UFCode	Component Description	n Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
23	9304508	D5030	Variable Frequency Drive	VFD, by HP of Motor	7.5 HP	Rolling Terrace Elementary School / Main Building	1st Floor Mechanical Loft	ABB	CH550-VCR-012A-4	2152103895	2015		
24	9304503	D5030	Variable Frequency Drive [VFD-1]	VFD, by HP of Motor	10 HP	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roor 1	n ABB	Inaccessible	Inaccessible	2015		
25	9304478	D5030	Variable Frequency Drive [VFD-1]	VFD, by HP of Motor	7.5 HP	Rolling Terrace Elementary School / Main Building	Boiler Room	ABB	ACH550-V R-038A		2015		
26	9304453	D5030	Variable Frequency Drive [VFD-1]	VFD, by HP of Motor	10 HP	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roor 2	n ABB	Inaccessible	Inaccessible	2015		
27	9304459	D5030	Variable Frequency Drive [VFD-2]	VFD, by HP of Motor	10 HP	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roor 2	n ABB	Inaccessible	Inaccessible	2015		
28	9304429	D5030	Variable Frequency Drive [VFD-2]	VFD, by HP of Motor	7.5 HP	Rolling Terrace Elementary School / Main Building	Boiler Room	ABB	ACH550-VCR-038A-4	2152103854	2015		
29	9304606	D5030	Variable Frequency Drive [VFD-3]	VFD, by HP of Motor	7.5 HP	Rolling Terrace Elementary School / Main Building	Boiler Room	ABB	ACH550-VCR-012A-4	NA	2015		
30	9304579	D5030	Variable Frequency Drive [VFD-4]	VFD, by HP of Motor	7.5 HP	Rolling Terrace Elementary School / Main Building	Boiler Room	ABB	ACH550-VCR-012A-4	2152103869	2015		
31	9304574	D5030	Variable Frequency Drive [VFD-7]	VFD, by HP of Motor	7.5 HP	Rolling Terrace Elementary School / Main Building	Stage Mechanica	ıl ABB	ACH550-VCR-012A-4	2152193880	2015		
32	9304512	D5030	Variable Frequency Drive [VFD-9]	VFD, by HP of Motor	7.5 HP	Rolling Terrace Elementary School / Main Building	Penthouse Mechanical Roor	ABB n	ACH550-VCR-012A-4	2005 NIS	2015		
33	9304556	D5040	High Intensity Discharge (HID) Fixtures	Metal Halide, Gymnasium Lighting, 40 W	0	Rolling Terrace Elementary School / Main Building	Gymnasium				1989		12

Index	ID	UFCode	Component Description Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D70 Ele	ctronic Safety	& Security										
1	9304569	D7050	Fire Alarm Panel Fully Addressable		Rolling Terrace Elementary School / Main Building	Engineer Office	Fire-Lite	MS9600	NA	2020		

Index	ID	UFCode	Component Descript	ion Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
D80 Inte	egrated Autom	ation											
1	9304573	D8010	BAS/HVAC Controls	DDC Control Panel		Rolling Terrace Elementary School / Main Building	Mechanical Roor	n			2015		
2	9304509	D8010	BAS/HVAC Controls	DDC Host Computer		Rolling Terrace Elementary School / Main Building	Mechanical Roor	m			2015		

Index	ID	UFCode	Component Description	on Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
E10 Equ	ipment												
1	9304475	E1030	Foodservice Equipment	Convection Oven, Doub	le	Rolling Terrace Elementary School / Main Building	Commercial Kitchen		Inaccessible	Inaccessible	2021		
2	9304612	E1030	Foodservice Equipment	Food Warmer, Tabletop Drawers (Set of 4)		Rolling Terrace Elementary School / Main Building	Commercial Kitchen	Low Temp	КЕВ2М СРА	C8820508	1989		
3	9304445	E1030	Foodservice Equipment	Prep Table Refrigerated Salad/Sandwich	,	Rolling Terrace Elementary School / Main Building	Commercial Kitchen	Low Temp	K60-CF1	C88C0509	1989		
4	9304458	E1030	Foodservice Equipment	Prep Table Refrigerated Salad/Sandwich	,	Rolling Terrace Elementary School / Main Building	Commercial Kitchen	Low Temp	K36-51	C88D0507	1989		
5	9304502	E1030	Foodservice Equipment	Refrigerator, 1-Door Reach-In		Rolling Terrace Elementary School / Main Building	Commercial Kitchen	Traulsen	RMC58S6	21J00625	2021		
6	9304571	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In		Rolling Terrace Elementary School / Main Building	Commercial Kitchen	Beverage-Air Corporation	PF 48-1A5	5225707	2022		
7	9304586	E1030	Foodservice Equipment	Refrigerator, 2-Door Reach-In		Rolling Terrace Elementary School / Main Building	Commercial Kitchen	True Manufacturing Co	Inaccessible	Inaccessible	2021		
8	9304435	E1030	Foodservice Equipment	Sink, 1-Bowl		Rolling Terrace Elementary School / Main Building	Commercial Kitchen				2015		
9	9304585	E1030	Foodservice Equipment	Sink, 3-Bowl		Rolling Terrace Elementary School / Main Building	Commercial Kitchen				2015		
10	9304567	E1030	Foodservice Equipment	Walk-In, Condenser for Refigerator/Freezer		Rolling Terrace Elementary School / Main Building	Roof	BOHN	BZS030L6C	T16F 16229	2016		
11	9304500	E1030	Foodservice Equipment	Walk-In, Condenser for Refrigerator/Freezer		Rolling Terrace Elementary School / Main Building	Roof	BOHN	BZSO IUMEC	TIF 16224	2016		

Index	ID	UFCode	Component Description	on Attributes	Capacity	Building	Location Detail	Manufacturer	Model	Serial	Dataplate Yr	Barcode	Qty
12	9304481	E1030	Foodservice Equipment	Walk-In, Evaporator for Refrigerator/Freezer		Rolling Terrace Elementary School / Main Building	Commercial Kitchen	BOHN	No dataplate	No dataplate	2016		
13	9304467	E1030	Foodservice Equipment	Walk-In, Freezer		Rolling Terrace Elementary School / Main Building	Commercial Kitchen	Thermalrite	E225998	241879-01	2022		
14	9304506	E1030	Foodservice Equipment	Walk-In, Refrigerator		Rolling Terrace Elementary School / Main Building	Commercial Kitchen	Thermalrite	E225993	241879-02	2024		
15	9304542	E1040	Healthcare Equipment	Defibrillator (AED), Cabinet-Mounted		Rolling Terrace Elementary School / Main Building	Office Areas				2020		2