

FACILITY CONDITION ASSESSMENT

prepared for

Alum Rock Unified School District
2930 Gay Avenue
San Jose, California 95127
Kolvira Chheng



**BUREAU
VERITAS**



Mathson Institute of Technology/Renaissance II
2050 Kammerer Avenue
San Jose, California 95116

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1. Executive Summary

Campus Overview and Assessment Details

| General Information | |
|-----------------------------------|--|
| Property Type | School campus |
| Number of Buildings | Seven |
| Main Address | 2050 Kammerer Avenue, San Jose, California 95116 |
| Site Developed | Between 1958 and 1960 Renovated 1997 & 2009 |
| Site Area | 14.8 acres (estimated) |
| Parking Spaces | 89 total spaces all in open lots; 5 of which are accessible |
| Outside Occupants / Leased Spaces | None |
| Date(s) of Visit | December 5-6, 2022 |
| Management Point of Contact | Jun Zhao 650.208.1054 Jun.Zhao@cumming-group.com |
| On-site Point of Contact (POC) | Luis Garcia, Custodian 408.991.3710 |
| Assessment and Report Prepared By | Henry Guo |
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| AssetCalc Link | Full dataset for this assessment can be found at: https://www.assetcalc.net/ |

Campus Findings and Deficiencies

Historical Summary

The campus was originally developed in 2009. The facilities are reported to be consistently occupied and in use. Main access to the property is from Kammerer Avenue to the northwest and Sinclair Drive to the southwest.

Architectural

Buildings have painted brick and stucco walls. Windows are steel. Roofs are flat with built-up membrane. Building exterior finishes are mostly original and are in fair general condition. Windows are original with single pane glass. The interior finishes have been periodically replaced as needed over the years. Interior carpet is old and dirty in many locations. Typical lifecycle-based interior and exterior finish replacements are budgeted and anticipated during the twenty-year reserve period.

Mechanical, Electrical, Plumbing and Fire (MEPF)

Buildings have packaged heat pumps, packaged roof-top units, ductless split systems, and suspended unit heaters. The MEPF and fire alarm and protection infrastructure are generally in fair condition. Equipment was replaced as needed over the years. Some equipment is getting old and should be replaced soon. Equipment replacements are budgeted over the reserve period of twenty years.

Site

Site has asphalt parking lots and playground, concrete pavement, sidewalks, ramps, and stairs. Some areas of site landscaping are depleted of grass.

Recommended Additional Studies

No additional studies recommended at this time.

Facility Condition Index (FCI)

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

FCI Ranges and Description

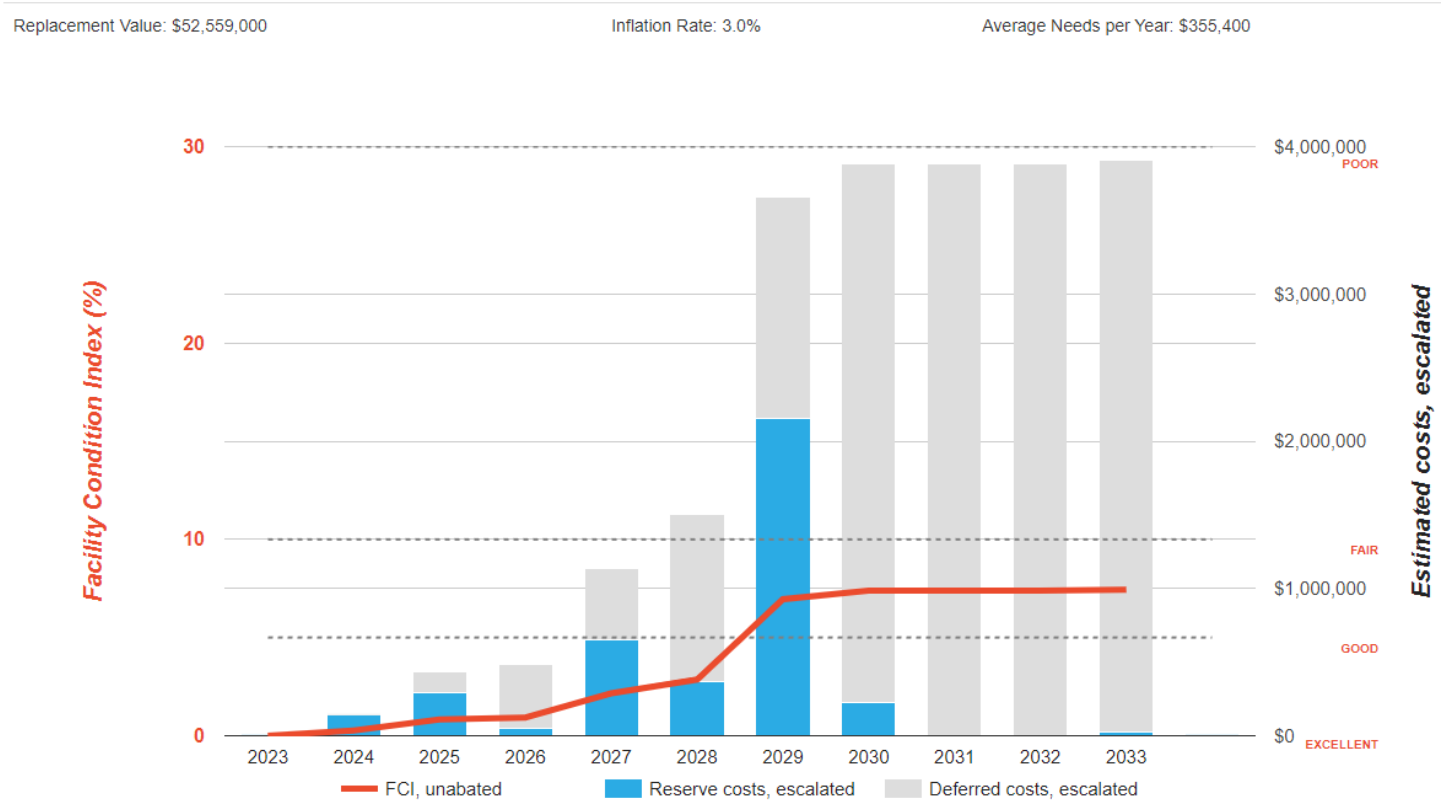
| | |
|----------------------|---|
| 0 – 5% | In new or well-maintained condition, with little or no visual evidence of wear or deficiencies. |
| 5 – 10% | Subjected to wear but is still in a serviceable and functioning condition. |
| 10 – 30% | Subjected to hard or long-term wear. Nearing the end of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

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

| Facility (year built) | Cost/SF | Total SF | Replacement Value | Current | 3-Year | 5-Year | 10-Year |
|---|---------|----------|-------------------|---------|--------|--------|---------|
| <u>Administration Building</u> | \$790 | 5,044 | \$3,984,760 | 0.0% | 0.4% | 2.6% | 5.0% |
| <u>Building A</u> | \$790 | 4,710 | \$3,720,900 | 0.0% | 2.2% | 2.8% | 4.9% |
| <u>Buildings B & C</u> | \$790 | 10,653 | \$8,415,870 | 0.0% | 0.4% | 3.3% | 4.9% |
| <u>Buildings D & E</u> | \$790 | 10,653 | \$8,415,870 | 0.0% | 0.8% | 2.1% | 4.3% |
| <u>Buildings F & G</u> | \$790 | 19,590 | \$15,476,100 | 0.0% | 0.6% | 2.1% | 4.6% |
| <u>Locker Room Building</u> | \$790 | 7,492 | \$5,918,680 | 0.0% | 0.9% | 3.8% | 23.9% |
| <u>Multi Use/Cafeteria Building</u> | \$790 | 8,388 | \$6,626,520 | 0.0% | 0.7% | 2.9% | 6.1% |

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

FCI Analysis: Mathson Institute of Technology/Renaissance II



Immediate Needs

No Immediate Needs were observed at this time.

System Expenditure Report

This report displays the same cost information as the other charts and tables within this report with a different organization. The costs are divided by major building system and grouped into multi-year categories. The colored backgrounds are to emphasize the higher costs relative to the other costs in the table.

| System Expenditure Forecast | | | | | | |
|---------------------------------|-----------|------------------------|-----------------------|-----------------------|-------------------------|---------------------|
| System | Immediate | Short Term (1-2 yr) | Near Term (3-5 yr) | Med Term (6-10 yr) | Long Term (11-20 yr) | TOTAL |
| Structure | - | - | - | - | - | - |
| Facade | - | \$38,468 | \$129,071 | - | \$959,784 | \$1,127,323 |
| Roofing | - | - | - | - | \$2,099,382 | \$2,099,382 |
| Interiors | - | \$204,941 | \$547,733 | \$1,276,040 | \$1,768,085 | \$3,796,799 |
| Conveying | - | - | - | - | \$29,038 | \$29,038 |
| Plumbing | - | \$3,141 | \$5,318 | \$52,674 | \$239,502 | \$300,635 |
| HVAC | - | \$87,310 | \$6,866 | \$412,567 | \$487,194 | \$993,937 |
| Fire Protection | - | - | \$306,759 | - | \$28,552 | \$335,311 |
| Electrical | - | - | - | \$281,432 | \$327,704 | \$609,136 |
| Fire Alarm & Electronic Systems | - | - | \$32,735 | \$46,889 | \$177,272 | \$256,896 |
| Equipment & Furnishings | - | - | \$40,971 | \$185,489 | \$265,163 | \$491,623 |
| Special Construction & Demo | - | - | - | - | \$61,880 | \$61,880 |
| Site Pavement | - | \$37,043 | - | \$42,943 | \$483,422 | \$563,408 |
| Site Development | - | \$63,919 | - | \$88,833 | \$1,071,526 | \$1,224,278 |
| Site Utilities | - | - | - | \$17,677 | \$109,317 | \$126,994 |
| TOTALS (3% inflation) | - | \$434,900 | \$1,069,500 | \$2,404,600 | \$8,107,900 | \$12,016,900 |

System Condition Ratings

In addition to the FCI index noted above we have also calculated a system rating for each of 10 Primary Systems at the school. The table below shows the calculation of the system ratings for this school. The methodology is to use a Weighted Average Condition for each of the Primary Systems. The evaluation is based on a 1 to 5 Scale where 5 is Excellent Condition and 1 is Poor Condition. This evaluation is based on only the current condition of systems present in the building. It does not address deficiencies due to educational adequacy or systems not present but that should be installed based on current code standards.

Based on the total of the System Ratings, this school is in Adequate overall condition. The appendices of this report contains the full calculations that are summarized in the below table.

| Mathson Institute of Technology/Renaissance II | | | |
|---|---|------------------------------------|--|
| Building Area = 66,530 SF | | | |
| FTA Primary Level | FTA Primary Level Replacement Cost | TERM Scale Condition Rating | Replacement Cost x TERM Scale Condition |
| Substructure | \$1,313,568 | 4.00 | \$5,254,273 |
| Shell | \$2,184,398 | 2.98 | \$6,516,934 |
| Interiors | \$2,547,251 | 2.92 | \$7,444,530 |
| Conveyance | \$20,978 | 3.00 | \$62,934 |
| Plumbing | \$883,596 | 2.99 | \$2,644,494 |
| HVAC | \$653,220 | 2.87 | \$1,877,353 |
| Fire Protection | \$265,174 | 5.79 | \$1,534,405 |
| Electrical | \$1,011,269 | 3.00 | \$3,028,872 |
| Equipment | \$130,681 | 3.00 | \$392,042 |
| Site | \$1,648,564 | 3.28 | \$5,408,441 |
| Total Building | \$10,658,700 | Subtotal | \$34,164,277 |
| Building Weighted Average Condition | | 3.21 | |
| Rounded | | 3 | |
| Building Weighted Average Condition equals the Sum of the individual Primary System Replacement Costs multiplied by the Condition Ratings then divided by the Sum of the Primary System | | | |
| The Primary System Replacement Costs are calculated by totaling the secondary level system costs for each Primary System. The cost calculations are included in Appendix D. | | | |

Key Findings



Flooring in Marginal condition.

Carpet, Commercial Standard
Buildings F & G Mathson Institute of
Technology/Renaissance II Throughout building

Uniformat Code: C2030
Recommendation: **Replace in 2024**

Priority Score: **81.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$63,900

\$\$\$\$

Very dirty, and worn. - AssetCALC ID: 4589901



Flooring in Marginal condition.

Carpet, Commercial Standard
Buildings D & E Mathson Institute of
Technology/Renaissance II Throughout building

Uniformat Code: C2030
Recommendation: **Replace in 2024**

Priority Score: **81.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$60,200

\$\$\$\$

Very dirty, old, and worn - AssetCALC ID: 4589862



Flooring in Marginal condition.

Carpet, Commercial Standard
Multi Use/Cafeteria Building Mathson Institute of
Technology/Renaissance II Throughout building

Uniformat Code: C2030
Recommendation: **Replace in 2024**

Priority Score: **81.8**

Plan Type:
Performance/Integrity

Cost Estimate: \$14,800

\$\$\$\$

Very dirty, worn. - AssetCALC ID: 4589955

Fire Suppression System

Full System Install/Retrofit, Low Density/Complexity
Administration Building Mathson Institute of
Technology/Renaissance II Throughout

Uniformat Code: D4010
Recommendation: **Install in 2028**

Priority Score: **60.5**

Plan Type: Retrofit/Adaptation

Cost Estimate: \$18,700

\$\$\$\$

The vast majority of the building is not protected by fire suppression. Sprinkler heads are currently limited to storage closets, mechanical rooms, and other unoccupied spaces. Due to its construction date, the facility is most likely "grandfathered" by code and the installation of fire sprinklers not required until major renovations are performed. Regardless of when or if installation of facility-wide fire suppression is required by the governing municipality, BV recommends a retrofit be performed. A budgetary cost is included. - AssetCALC ID: 5271898

Fire Suppression SystemPriority Score: **60.5**

Full System Install/Retrofit, Low Density/Complexity
Building A Mathson Institute of
Technology/Renaissance II Throughout

Plan Type: Retrofit/Adaptation

Cost Estimate: \$17,400

Uniformat Code: D4010

\$\$\$\$

Recommendation: **Install in 2028**

The vast majority of the building is not protected by fire suppression. Sprinkler heads are currently limited to storage closets, mechanical rooms, and other unoccupied spaces. Due to its construction date, the facility is most likely "grandfathered" by code and the installation of fire sprinklers not required until major renovations are performed. Regardless of when or if installation of facility-wide fire suppression is required by the governing municipality, BV recommends a retrofit be performed. A budgetary cost is included. - AssetCALC ID: 5271899

Fire Suppression SystemPriority Score: **60.5**

Full System Install/Retrofit, Low Density/Complexity
Buildings D & E Mathson Institute of
Technology/Renaissance II Throughout

Plan Type: Retrofit/Adaptation

Cost Estimate: \$39,400

Uniformat Code: D4010

\$\$\$\$

Recommendation: **Install in 2028**

The vast majority of the building is not protected by fire suppression. Sprinkler heads are currently limited to storage closets, mechanical rooms, and other unoccupied spaces. Due to its construction date, the facility is most likely "grandfathered" by code and the installation of fire sprinklers not required until major renovations are performed. Regardless of when or if installation of facility-wide fire suppression is required by the governing municipality, BV recommends a retrofit be performed. A budgetary cost is included. - AssetCALC ID: 5271901

Fire Suppression SystemPriority Score: **60.5**

Full System Install/Retrofit, Low Density/Complexity
Buildings B & C Mathson Institute of
Technology/Renaissance II Throughout

Plan Type: Retrofit/Adaptation

Cost Estimate: \$39,400

Uniformat Code: D4010

\$\$\$\$

Recommendation: **Install in 2028**

The vast majority of the building is not protected by fire suppression. Sprinkler heads are currently limited to storage closets, mechanical rooms, and other unoccupied spaces. Due to its construction date, the facility is most likely "grandfathered" by code and the installation of fire sprinklers not required until major renovations are performed. Regardless of when or if installation of facility-wide fire suppression is required by the governing municipality, BV recommends a retrofit be performed. A budgetary cost is included. - AssetCALC ID: 5271900

Fire Suppression SystemPriority Score: **60.5**

Full System Install/Retrofit, Low Density/Complexity
Multi Use/Cafeteria Building Mathson Institute of
Technology/Renaissance II Throughout

Plan Type: Retrofit/Adaptation

Cost Estimate: \$31,100

Uniformat Code: D4010

\$\$\$\$

Recommendation: **Install in 2028**

The vast majority of the building is not protected by fire suppression. Sprinkler heads are currently limited to storage closets, mechanical rooms, and other unoccupied spaces. Due to its construction date, the facility is most likely “grandfathered” by code and the installation of fire sprinklers not required until major renovations are performed. Regardless of when or if installation of facility-wide fire suppression is required by the governing municipality, BV recommends a retrofit be performed. A budgetary cost is included. - AssetCALC ID: 5271904

Fire Suppression System

Priority Score: **60.5**

Full System Install/Retrofit, Low Density/Complexity
Buildings F & G Mathson Institute of
Technology/Renaissance II Throughout

Plan Type: Retrofit/Adaptation

Cost Estimate: \$72,500

Uniformat Code: D4010

\$\$\$\$

Recommendation: **Install in 2028**

The vast majority of the building is not protected by fire suppression. Sprinkler heads are currently limited to storage closets, mechanical rooms, and other unoccupied spaces. Due to its construction date, the facility is most likely “grandfathered” by code and the installation of fire sprinklers not required until major renovations are performed. Regardless of when or if installation of facility-wide fire suppression is required by the governing municipality, BV recommends a retrofit be performed. A budgetary cost is included. - AssetCALC ID: 5271902

Fire Suppression System

Priority Score: **60.5**

Full System Install/Retrofit, Low Density/Complexity
Locker Room Building Mathson Institute of
Technology/Renaissance II Throughout

Plan Type: Retrofit/Adaptation

Cost Estimate: \$27,700

Uniformat Code: D4010

\$\$\$\$

Recommendation: **Install in 2028**

The vast majority of the building is not protected by fire suppression. Sprinkler heads are currently limited to storage closets, mechanical rooms, and other unoccupied spaces. Due to its construction date, the facility is most likely “grandfathered” by code and the installation of fire sprinklers not required until major renovations are performed. Regardless of when or if installation of facility-wide fire suppression is required by the governing municipality, BV recommends a retrofit be performed. A budgetary cost is included. - AssetCALC ID: 5271903

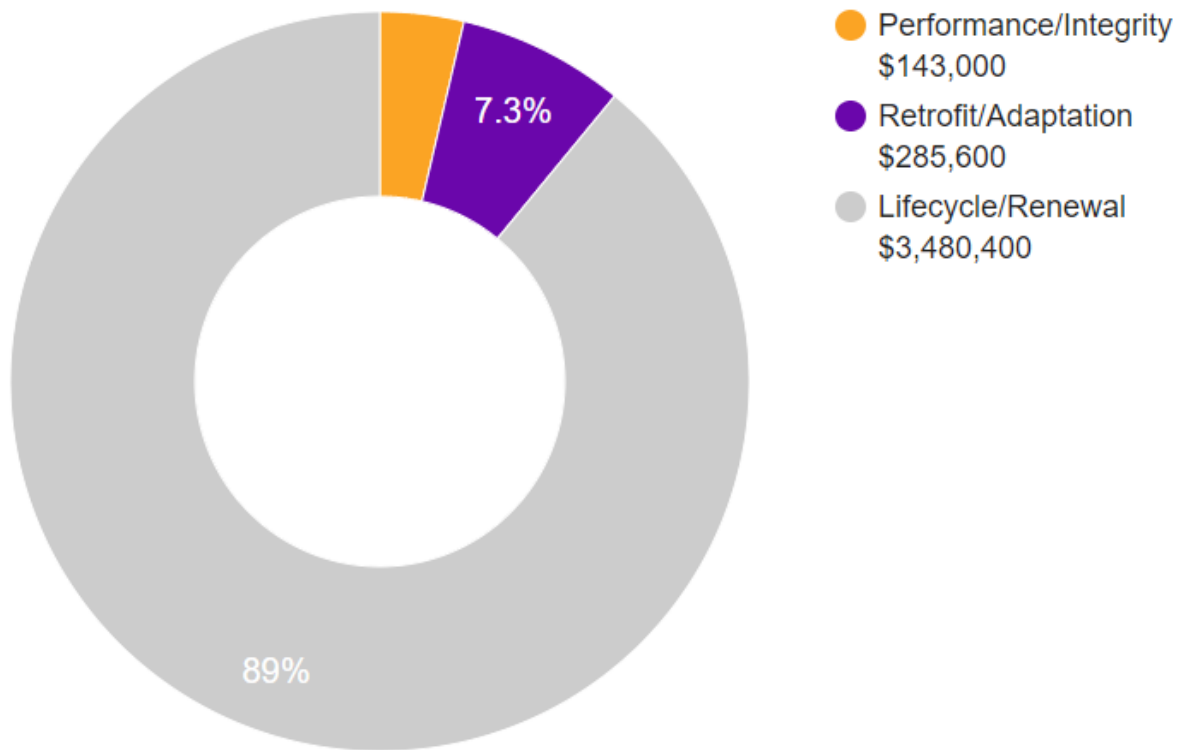
Plan Types

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

Plan Type Descriptions

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

Plan Type Distribution (by Cost)



10-YEAR TOTAL: \$3,909,000

2. Administration Building



Administration Building: Systems Summary

| | | |
|------------------------------|--|------------------|
| Address | 2050 Kammerer Avenue, San Jose, California 95116 | |
| Constructed/Renovated | 2009 | |
| Building Size | 5,044 SF | |
| Number of Stories | One | |
| <i>System</i> | <i>Description</i> | <i>Condition</i> |
| Structure | Conventional wood frame structure over concrete spread footing foundation | Good |
| Façade | Primary Wall Finish: Painted brick Secondary Wall Finish: Painted stucco Windows: Steel | Fair |
| Roof | Gable construction with built-up finish | Fair |
| Interiors | Walls: Painted gypsum board, ceramic tile Floors: Carpet, VCT, sealed concrete Ceilings: Painted gypsum board and ACT, glued hard tile | Fair |
| Elevators | None | -- |
| Plumbing | Distribution: Copper supply and PVC waste and venting Hot Water: Electric water heater with integral tank Fixtures: Toilets and sinks in all restrooms | Fair |
| HVAC | Non-Central System: Packaged rooftop units, packaged heat pumps, ductless split-systems | Fair |
| Fire Suppression | Fire extinguishers only | Fair |

Administration Building: Systems Summary

| | | |
|--------------------------------|---|------|
| Electrical | Source and Distribution: Main distribution panel with copper wiring Interior Lighting: LED, linear fluorescent, CFL Emergency Power: None | Fair |
| Fire Alarm | Alarm panel with smoke detectors, heat detectors, alarms, strobes, pull stations, back-up emergency lights, and exit signs | Fair |
| Equipment/Special | None | -- |
| Accessibility | Presently it does not appear an accessibility study is needed for this building. See Appendix D. | |
| Additional Studies | No additional studies are recommended for this building/site at this time. | |
| Key Issues and Findings | None observed at time of assessment. | |
| Key Spaces Not Observed | All key areas of the property were accessible and observed. | |

Administration Building: Photographic Overview



1 - LEFT ELEVATION



2 - REAR ELEVATION



3 - RIGHT ELEVATION



4 - ACCESSIBLE RAMP



5 - OFFICE



6 - LIBRARY



7 – ROOF OVERVIEW



8 - SPLIT SYSTEM DUCTLESS CONDENSING UNIT



9 – PACKAGED HEAT PUMP



10 – ROOFTOP PACKAGED UNIT



11 – ELECTRICAL DISTRIBUTION PANEL



12 - FIRE ALARM PANEL

3. Buildings A, B and C, D and E, and F and G



Buildings A, B and C, D and E, and F and G: Systems Summary

| Address | 2050 Kammerer Avenue, San Jose, California 95116 | |
|------------------------------|--|------------------|
| Constructed/Renovated | 2009 | |
| Building Size | Building A: 4,710 SF Building B and C: 10,653 SF Building D and E: 10,653 SF Building F and G: 19,590 SF | |
| Number of Stories | One | |
| <i>System</i> | <i>Description</i> | <i>Condition</i> |
| Structure | Conventional wood frame structure over concrete spread footing foundation | Good |
| Façade | Primary Wall Finish: Painted brick Secondary Wall Finish: Painted stucco Windows: Steel | Fair |
| Roof | Gable construction with built-up finish | Fair |
| Interiors | Walls: Painted gypsum board, ceramic tile Floors: Carpet, VCT, sealed concrete Ceilings: Painted gypsum board and ACT, glued hard tile | Fair |
| Elevators | None | -- |
| Plumbing | Distribution: Copper supply and PVC waste and venting Hot Water: Electric water heaters with integral tanks Fixtures: Toilets, urinals, and sinks in all restrooms | Fair |
| HVAC | Non-Central System: Packaged heat pumps, ductless split-systems | Fair |

| Buildings A, B and C, D and E, and F and G: Systems Summary | | |
|---|---|------|
| Fire Suppression | Fire extinguishers only | Fair |
| Electrical | Source and Distribution: Main distribution panel with copper wiring Interior Lighting: LED, linear fluorescent, CFL Emergency Power: None | Fair |
| Fire Alarm | Alarm panel with smoke detectors, heat detectors, alarms, strobes, pull stations, back-up emergency lights, and exit signs | Fair |
| Equipment/Special | None | -- |
| Accessibility | Presently it does not appear an accessibility study is needed for this building. See Appendix D. | |
| Additional Studies | No additional studies are recommended for this building/site at this time. | |
| Key Issues and Findings | Carpet is very old and dirty at many locations of the buildings. | |
| Key Spaces Not Observed | All key areas of the property were accessible and observed. | |

Buildings A, B and C, D and E, and F and G: Photographic Overview



1 - FRONT ELEVATION



2 - LEFT ELEVATION



3 - REAR ELEVATION



4 - RIGHT ELEVATION



5 - ROOF OVERVIEW



6 - CASEWORK



7 - SPLIT SYSTEM DUCTLESS CONDENSING UNIT



8 – PACKAGED HEAT PUMP



9 - DRINKING FOUNTAIN



10 - EXHAUST FAN



11 – ELECTRICAL SWITCHBOARD



12 - FIRE EXTINGUISHER

4. Locker Room Building



Locker Room Building: Systems Summary

| Address | 2050 Kammerer Avenue, San Jose, C 95116 | |
|------------------------------|--|------------------|
| Constructed/Renovated | 2009 | |
| Building Size | 7,492 SF | |
| Number of Stories | One | |
| <i>System</i> | <i>Description</i> | <i>Condition</i> |
| Structure | Conventional wood frame structure over concrete spread footing foundation | Good |
| Façade | Primary Wall Finish: Painted stucco Windows: Steel | Fair |
| Roof | Gable construction with built-up finish | Fair |
| Interiors | Walls: Painted gypsum board, ceramic tile Floors: Ceramic tile, sealed concrete Ceilings: Painted gypsum board | Fair |
| Elevators | None | -- |
| Plumbing | Distribution: Copper supply and PVC waste and venting Hot Water: Electric water heater with integral tank Fixtures: Toilets, urinals, and sinks in all restrooms | Fair |
| HVAC | Non-Central System: Ductless split-systems | Fair |
| Fire Suppression | Fire extinguishers only | Fair |

Locker Room Building: Systems Summary

| | | |
|--------------------------------|---|------|
| Electrical | Source and Distribution: Main distribution panel with copper wiring Interior Lighting: LED, linear fluorescent, CFL Emergency Power: None | Fair |
| Fire Alarm | Alarm panel with smoke detectors, heat detectors, alarms, strobes, pull stations, back-up emergency lights, and exit signs | Fair |
| Equipment/Special | None | -- |
| Accessibility | Presently it does not appear an accessibility study is needed for this building. See Appendix D. | |
| Additional Studies | No additional studies are recommended for this building/site at this time. | |
| Key Issues and Findings | Exterior painting is damaged at many locations. | |
| Key Spaces Not Observed | All key areas of the property were accessible and observed. | |

Locker Room Building: Photographic Overview



1 - FRONT ELEVATION



2 - LEFT ELEVATION



3 - REAR ELEVATION



4 - RIGHT ELEVATION



5 - INTERIOR OVERVIEW



6 - SPLIT SYSTEM DUCTLESS CONDENSING UNIT

5. Multi Use / Cafeteria Building



Multi Use / Cafeteria Building: Systems Summary

| | | |
|-----------------------|---|-----------|
| Address | 2050 Kammerer Avenue, San Jose, California 95116 | |
| Constructed/Renovated | 2009 | |
| Building Size | 8,388 SF | |
| Number of Stories | One | |
| System | Description | Condition |
| Structure | Conventional wood frame structure over concrete spread footing foundation | Good |
| Façade | Primary Wall Finish: Painted brick Secondary Wall Finish: Painted stucco Windows: Steel | Fair |
| Roof | Gable construction with built-up finish | Fair |
| Interiors | Walls: P-Lam / FRP interior wall Floors: Carpet, VCT Ceilings: Painted gypsum board and ACT, glued hard tile | Fair |
| Elevators | Wheelchair lift | Fair |
| Plumbing | Distribution: Copper supply and PVC waste and venting Hot Water: Gas water heater with integral tank Fixtures: Toilets and sinks in all restrooms | Fair |
| HVAC | Non-Central System: Packaged roof-top unit | Fair |
| Fire Suppression | Fire extinguishers only | Fair |

Multi Use / Cafeteria Building: Systems Summary

| | | |
|--------------------------------|--|------|
| Electrical | Source and Distribution: Main switchboard with copper wiring Interior Lighting: LED, linear fluorescent, CFL Emergency Power: None | Fair |
| Fire Alarm | Alarm panel with smoke detectors, heat detectors, alarms, strobes, pull stations, back-up emergency lights, and exit signs | Fair |
| Equipment/Special | Commercial kitchen equipment | Fair |
| Accessibility | Presently it does not appear an accessibility study is needed for this building. See Appendix D. | |
| Additional Studies | No additional studies are recommended for this building/site at this time. | |
| Key Issues and Findings | Carpet is very old and dirty. | |

Multi Use / Cafeteria Building: Photographic Overview



1 - FRONT ELEVATION



2 - LEFT ELEVATION



3 - REAR ELEVATION



4 - RIGHT ELEVATION



5 - STAGE



6 - DINING HALL



7 – ROOF OVERVIEW



8 – ROOFTOP PACKAGED UNIT



9 – ELECTRICAL SWITCHBOARD



10 - COMMERCIAL WATER HEATER



11 - DRINKING FOUNTAIN



12 - FIRE ALARM PANEL

6. Site Summary



Site Information

| <i>System</i> | <i>Description</i> | <i>Condition</i> |
|-----------------------------------|---|------------------|
| Pavement/Flatwork | Asphalt lots with areas of concrete aprons and pavement and adjacent concrete sidewalks, curbs, ramps, and stairs | Fair |
| Site Development | Building-mounted and property entrance signage; chain link fencing Playgrounds and sports fields and courts with fencing 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 Low to moderate site slopes throughout | Fair |
| Utilities | Municipal water and sewer Local utility-provided electric and natural gas | Fair |
| Site Lighting | Pole-mounted: LED Building-mounted: LED, HPS, CFL | Fair |
| Ancillary Structures | Shade structure | Fair |
| Accessibility | Presently it does not appear an accessibility study is needed for this building. See Appendix D. | |
| Additional Studies | No additional studies are recommended for the general site at this time. | |
| Key Issues and Findings | None observed at time of assessment. | |

Site: Photographic Overview



1 - SIGNAGE



2 - FLAGPOLE



3 - PARKING LOTS



4 - SPORTS COURT



5 - PLAY STRUCTURE



6 - CHAIN LINK FENCES

7. Property Space Use and Observed Areas

Areas Observed

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

See the *Key Spaces Not Observed Row* of the *Systems Summary* table in each building section to see specific areas of the various buildings that were not observed.

8. 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 tables that are included in the appendix. It is understood by the Client that the limited observations described herein do not comprise a full ADA Compliance Survey, and that such a survey is beyond the scope of this particular assessment. A full measured ADA survey would be required to identify any and all specific potential accessibility issues. Additional clarifications of this limited survey:

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

The campus was originally constructed in 2009.

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

| Campus: Accessibility Summary | | | |
|-------------------------------|----------------------------------|----------------------------------|--|
| <i>Facility</i> | <i>Year Built/ Renovated</i> | <i>Prior Study Provided?</i> | <i>Major/Moderate Issues Observed?</i> |
| General Site | 2009 | No | No |
| Building A | 2009 | No | No |
| Building B and C | 2009 | No | No |

Campus: Accessibility Summary

| | | | |
|--------------------------------|------|----|----|
| Building D and E | 2009 | No | No |
| Building F and G | 2009 | No | No |
| Administration Building | 2009 | No | No |
| Locker Room Building | 2009 | No | No |
| Multi Use / Cafeteria Building | 2009 | No | No |

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

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

9. 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.

10. Opinions of Probable Costs

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

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

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

Methodology

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

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

Definitions

Immediate Needs

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

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

Replacement Reserves

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

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

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

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

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

Key Findings

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

Exceedingly Aged

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

11. Certification

Alum Rock Unified School District (the Client) retained Bureau Veritas to perform this Facility Condition Assessment in connection with its continued operation of Mathson Institute of Technology/Renaissance II, the "Property". It is our understanding that the primary interest of the Client is to locate and evaluate materials and building system defects that might significantly affect the value of the property and to determine if the present Property has conditions that will have a significant impact on its continued operations.

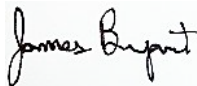
The conclusions and recommendations presented in this report are based on the brief review of the plans and records made available to our Project Manager during the site visit, interviews of available property management personnel and maintenance contractors familiar with the Property, appropriate inquiry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

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

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

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

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Project Manager

Reviewed by: 

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Technical Report Reviewer for
Mouaz Alrayes,
Program Manager
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12. Appendices



- Appendix A: Site Plans
- Appendix B: Pre-Survey Questionnaire
- Appendix C: Accessibility Review and Photos
- Appendix D: Component Condition Report
- Appendix E: Replacement Reserves
- Appendix F: Equipment Inventory List

Appendix A:

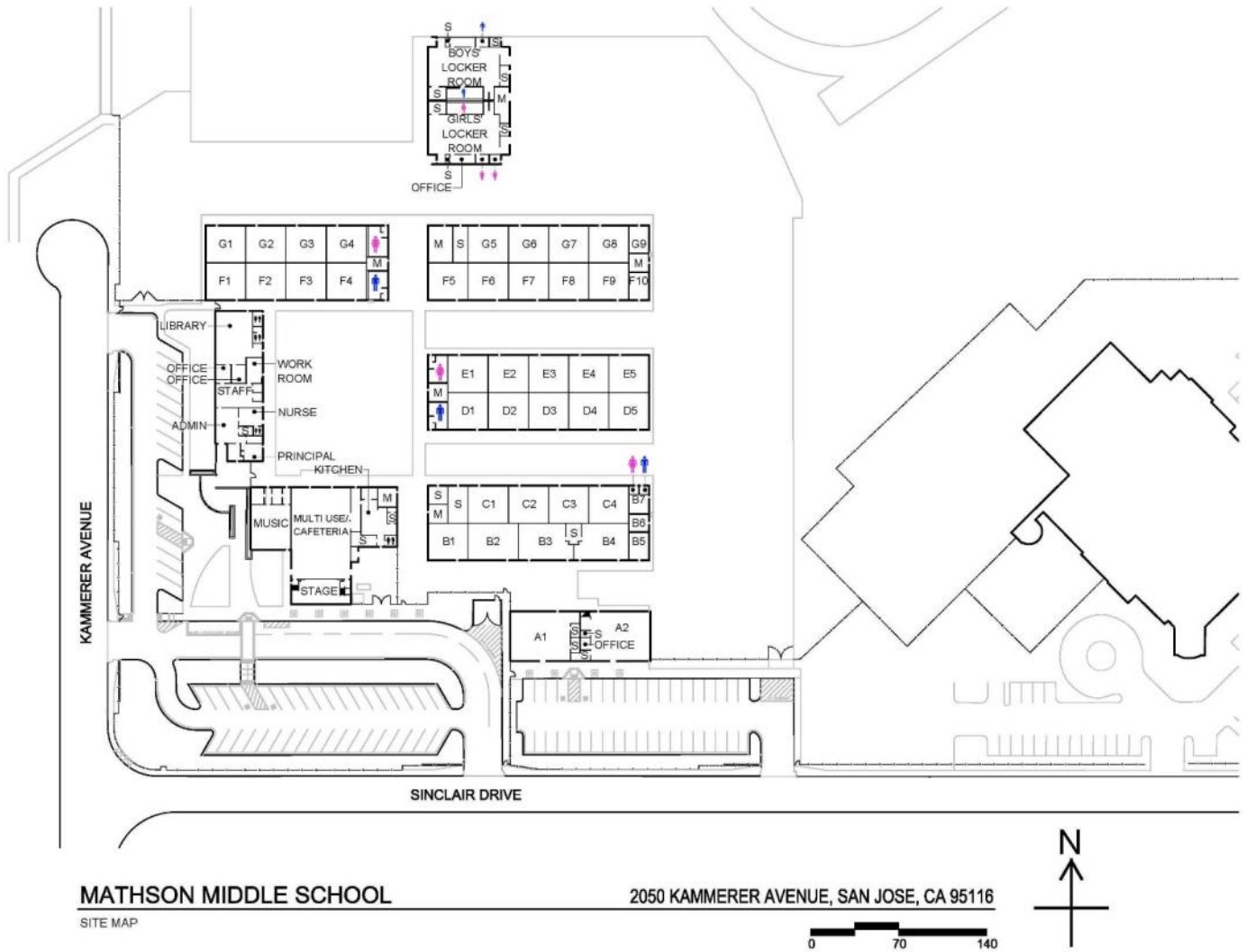
Site Plans

Site Plan



|  BUREAU VERITAS | Project Number | Project Name |  |
|--|-----------------------|--|---|
| | 159228.22R000-014.354 | Mathson Institute of Technology/ Renaissance II | |
| | Source | On-Site Date | |
| | Google | December 5-6, 2022 | |

Site Plan



**BUREAU
VERITAS**

Project Number

159228.22R000-014.354

Source

Client

Project Name

Mathson Institute of Technology/
Renaissance II

On-Site Date

December 5-6, 2022



Appendix B:

Pre-Survey Questionnaire

BV FACILITY CONDITION ASSESSMENT: PRE-SURVEY QUESTIONNAIRE

Building / Facility Name: Mathson Institute of Technology/Renaissance II

Name of person completing form: Luis Garcia

Title / Association w/ property: Custodian

Length of time associated w/ property: 5 years

Date Completed: 12/5/2022

Phone Number: 408.991.3710

Method of Completion: INTERVIEW - verbally completed during interview

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

| Data Overview | | Response | | |
|---------------|--|---------------------|----------------|-------------------|
| 1 | Year(s) constructed | Constructed 2009 | Renovated 0 | |
| 2 | Building size in SF | 66,530 SF | | |
| 3 | Major Renovation/Rehabilitation | | Year | Additional Detail |
| | | Facade | | |
| | | Roof | | No roof leaks |
| | | Interiors | | |
| | | HVAC | | |
| | | Electrical | | |
| | | Site Pavement | | |
| | | 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? | None | | |
| 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 | | Response | | | | Comments |
|----------|--|----------|----|-----|----|----------|
| | | Yes | No | Unk | NA | |
| 7 | Are there any problems with foundations or structures, like excessive settlement? | | ✗ | | | |
| 8 | Are there any wall, window, basement or roof leaks? | | ✗ | | | |
| 9 | Has any part of the facility ever contained visible suspect mold growth, or have there been any indoor air quality complaints? | | ✗ | | | |
| 10 | Are your elevators unreliable, with frequent service calls? | | ✗ | | | |
| 11 | Are there any plumbing leaks, water pressure, or clogging/backup 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? | | ✗ | | | |
| 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? | | ✗ | | | |

Signature of Assessor

Signature of POC

Appendix C: Accessibility Review and Photos

Visual Survey - 2010 ADA Standards for Accessible Design

Property Name: Mathson Institute of Technology/Renaissance II

BV Project Number: 159228.22R000 - 014.354

Facility History & Interview

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

Mathson Institute of Technology/Renaissance II: Accessibility Issues

| Category | Major Issues (ADA study recommended) | Moderate Issues (ADA study recommended) | Minor Issues | None* |
|---|---|--|--------------------------------|-------|
| Parking | | | | ✗ |
| Exterior Accessible Route | | | | ✗ |
| Building Entrances | | | | ✗ |
| Interior Accessible Route | | | Reception has no lower counter | |
| Elevators | | | | ✗ |
| Public Restrooms | | | | ✗ |
| Kitchens/Kitchenettes | | | | ✗ |
| Playgrounds & Swimming Pools | | | | ✗ |
| Other | NA | | | |

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

Mathson Institute of Technology/Renaissance II: Photographic Overview



OVERVIEW OF ACCESSIBLE PARKING AREA



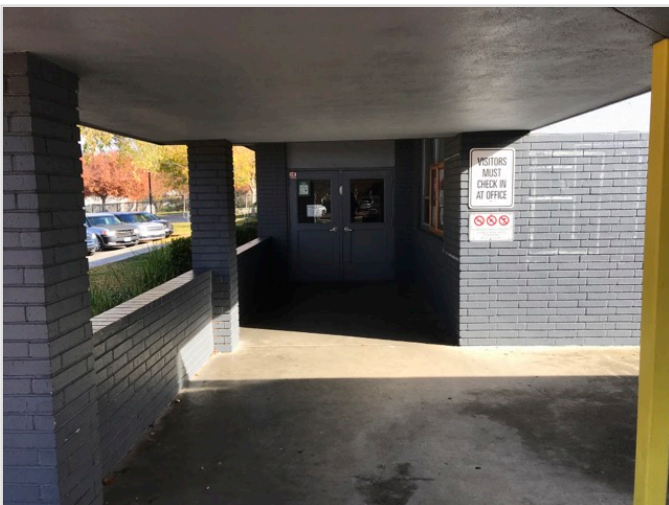
CLOSE-UP OF STALL



ACCESSIBLE RAMP



CURB CUT



MAIN ENTRANCE



ADDITIONAL ENTRANCE

Mathson Institute of Technology/Renaissance II: Photographic Overview



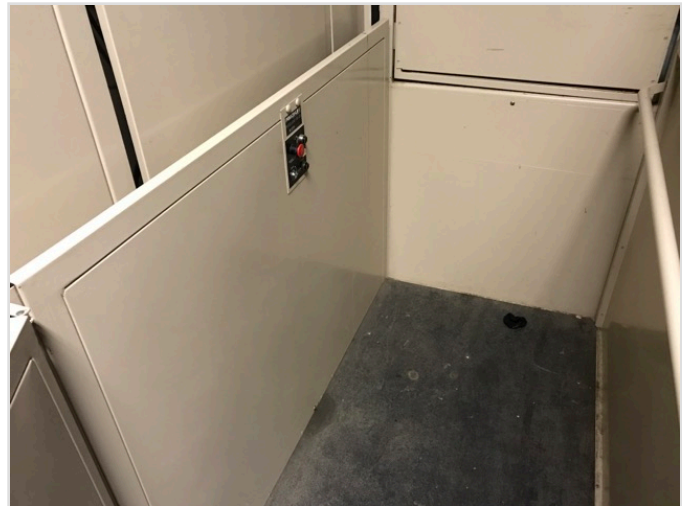
MAIN RECEPTION COUNTERS



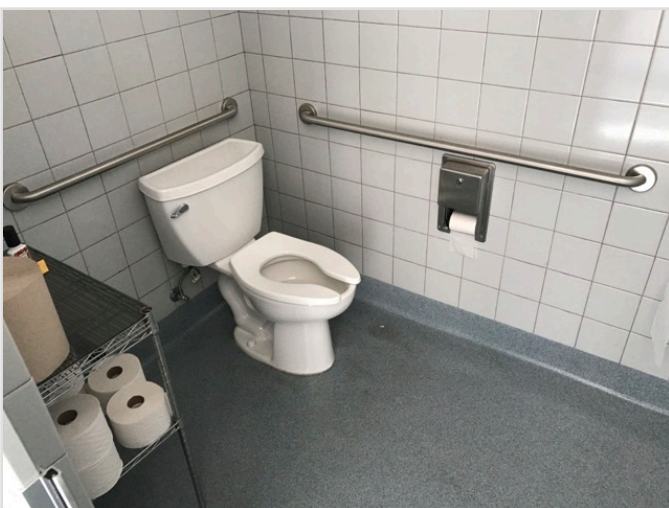
DOOR HARDWARE



LOBBY LOOKING AT CAB



IN-CAB CONTROLS



TOILET STALL OVERVIEW



SINK, FAUCET HANDLES AND ACCESSORIES

Mathson Institute of Technology/Renaissance II: Photographic Overview



SINK CLEARANCE



OVEN WITH CONTROLS



ACCESSIBLE ROUTE TO PLAYGROUND



OVERVIEW OF PLAYGROUND

Appendix D: Component Condition Report

Component Condition Report | Mathson Institute of Technology/Renaissance II / Administration Building

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|-----------------|---------------------|-----------|--|-----------|-----|---------|
| Structure | | | | | | |
| A4020 | Throughout | Good | Slab-on-Grade, Concrete, Maintain | 5,044 SF | 45 | 5133505 |
| Facade | | | | | | |
| B2010 | Building Exterior | Adequate | Exterior Walls, any painted surface, Prep & Paint | 3,636 SF | 4 | 4589782 |
| B2020 | Building Exterior | Adequate | Window, Steel, 16-25 SF | 21 | 16 | 4589756 |
| B2020 | Building Exterior | Adequate | Window, Steel, up to 15 SF | 13 | 16 | 4589760 |
| B2050 | Building Exterior | Adequate | Exterior Door, Steel, Standard | 11 | 26 | 4589743 |
| Roofing | | | | | | |
| B3010 | Roof | Adequate | Roofing, Built-Up | 7,240 SF | 11 | 4589761 |
| Interiors | | | | | | |
| C1030 | Throughout building | Adequate | Interior Door, Wood, Solid-Core | 13 | 26 | 4589767 |
| C1070 | Throughout building | Adequate | Suspended Ceilings, Acoustical Tile (ACT) | 1,200 SF | 11 | 4589785 |
| C1070 | Throughout building | Adequate | Suspended Ceilings, Hard Tile, Replacement w/ ACT | 2,500 SF | 11 | 4589742 |
| C1090 | Restrooms | Adequate | Toilet Partitions, Plastic/Laminate | 2 | 6 | 4589778 |
| C2010 | Throughout building | Adequate | Wall Finishes, any surface, Prep & Paint | 10,090 SF | 4 | 4589763 |
| C2010 | Restrooms | Adequate | Wall Finishes, Ceramic Tile | 400 SF | 26 | 4589764 |
| C2030 | Restrooms | Adequate | Flooring, any surface, w/ Epoxy Coating, Prep & Paint | 350 SF | 4 | 4589745 |
| C2030 | Throughout building | Adequate | Flooring, Carpet, Commercial Standard | 1,494 SF | 4 | 4589754 |
| C2030 | Throughout building | Adequate | Flooring, Vinyl Tile (VCT) | 3,200 SF | 6 | 4589749 |
| C2050 | Throughout building | Adequate | Ceiling Finishes, any flat surface, Prep & Paint | 1,344 SF | 4 | 4589750 |
| Plumbing | | | | | | |
| D2010 | Restrooms | Adequate | Toilet, Residential Water Closet | 3 | 16 | 4589746 |
| D2010 | Restrooms | Adequate | Sink/Lavatory, Wall-Hung, Vitreous China | 3 | 16 | 4589748 |
| D2010 | Throughout building | Adequate | Plumbing System, Supply & Sanitary, Medium Density (excludes fixtures) | 5,044 SF | 26 | 4589766 |
| HVAC | | | | | | |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-A2] | 1 | 2 | 4589759 |
| D3030 | Staff room | Adequate | Heat Pump, Packaged & Wall-Mounted [HP1-1] | 1 | 6 | 4589781 |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-A1] | 1 | 2 | 4589776 |
| D3050 | Roof | Adequate | Packaged Unit, RTU, Pad or Roof-Mounted [AC-A2] | 1 | 6 | 4589769 |
| D3050 | Throughout building | Adequate | HVAC System, Ductwork, Low Density | 5,044 SF | 16 | 4589774 |
| D3050 | Roof | Adequate | Packaged Unit, RTU, Pad or Roof-Mounted [AC-A1] | 1 | 6 | 4589758 |
| D3060 | Roof | Adequate | Exhaust Fan, Centrifugal, 12" Damper | 3 | 11 | 4589757 |
| Fire Protection | | | | | | |

Component Condition Report | Mathson Institute of Technology/Renaissance II / Administration Building

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|---------------------------------|---------------------|-----------|--|----------|-----|---------|
| D4010 | Throughout | NA | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 5,044 SF | 5 | 5271898 |
| D4030 | Throughout building | Adequate | Fire Extinguisher, Wet Chemical/CO2 | 6 | 4 | 4589751 |
| Electrical | | | | | | |
| D5020 | Electrical room | Adequate | Secondary Transformer, Dry, Stepdown [Transformer #1] | 1 | 16 | 4589768 |
| D5030 | Throughout building | Adequate | Electrical System, Wiring & Switches, Average or Low Density/Complexity | 5,044 SF | 26 | 4589740 |
| D5040 | Throughout building | Adequate | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures | 5,044 SF | 11 | 4589765 |
| Fire Alarm & Electronic Systems | | | | | | |
| D7050 | Main office | Marginal | Fire Alarm Panel, Multiplex | 1 | 4 | 4589747 |
| D7050 | Throughout building | Adequate | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 5,044 SF | 10 | 4589755 |
| Equipment & Furnishings | | | | | | |
| E2010 | Throughout building | Adequate | Casework, Cabinetry, Hardwood Standard | 45 LF | 6 | 4589739 |
| Sitework | | | | | | |
| G4050 | Building exterior | Adequate | Exterior Fixture w/ Lamp, any type, w/ LED Replacement | 6 | 11 | 4589753 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Building A

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|------------|---------------------|-----------|--|----------|-----|---------|
| Structure | | | | | | |
| A4020 | Throughout | Good | Slab-on-Grade, Concrete, Maintain | 4,710 SF | 45 | 5133507 |
| Facade | | | | | | |
| B2010 | Building Exterior | Marginal | Exterior Walls, any painted surface, Prep & Paint | 4,500 SF | 2 | 4589802 |
| B2020 | Building Exterior | Adequate | Window, Steel, up to 15 SF | 14 | 16 | 4589803 |
| B2020 | Building Exterior | Adequate | Window, Steel, 28-40 SF | 13 | 16 | 4589798 |
| B2050 | Building Exterior | Adequate | Exterior Door, Steel, Standard | 6 | 26 | 4589786 |
| Roofing | | | | | | |
| B3010 | Roof | Adequate | Roofing, Built-Up | 5,270 SF | 11 | 4589796 |
| Interiors | | | | | | |
| C1030 | Throughout building | Adequate | Interior Door, Steel, Standard | 4 | 26 | 4589787 |
| C1070 | Throughout building | Adequate | Suspended Ceilings, Hard Tile, Replacement w/ ACT | 4,710 SF | 11 | 4589793 |
| C2010 | Throughout building | Marginal | Wall Finishes, any surface, Prep & Paint | 8,000 SF | 2 | 4589799 |
| C2030 | Throughout building | Marginal | Flooring, Carpet, Commercial Standard | 4,710 SF | 2 | 4589805 |
| Plumbing | | | | | | |
| D2010 | Throughout building | Marginal | Drinking Fountain, Wall-Mounted, Single-Level | 2 | 2 | 4589790 |
| D2010 | Throughout building | Adequate | Plumbing System, Supply & Sanitary, Medium Density (excludes fixtures) | 4,710 SF | 26 | 4589797 |
| HVAC | | | | | | |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Building A

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|---------------------------------|---------------------|-----------|--|----------|-----|---------|
| D3050 | Roof | Adequate | Packaged Unit, RTU, Pad or Roof-Mounted [AC-C1] | 1 | 6 | 4589794 |
| D3050 | Throughout building | Adequate | HVAC System, Ductwork, Low Density | 4,710 SF | 16 | 4589800 |
| D3050 | Roof | Adequate | Packaged Unit, RTU, Pad or Roof-Mounted [AC-C2] | 1 | 6 | 4589788 |
| D3060 | RM A1 | Adequate | Exhaust Fan, Centrifugal, 36"Damper | 1 | 11 | 4589795 |
| Fire Protection | | | | | | |
| D4010 | Throughout | NA | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 4,710 SF | 5 | 5271899 |
| Electrical | | | | | | |
| D5020 | RM A1 | Adequate | Secondary Transformer, Dry, Stepdown [Transformer #3] | 1 | 16 | 4589792 |
| D5030 | Throughout building | Adequate | Electrical System, Wiring & Switches, Average or Low Density/Complexity | 4,710 SF | 26 | 4589791 |
| D5040 | Throughout building | Adequate | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures | 4,710 SF | 6 | 4589806 |
| Fire Alarm & Electronic Systems | | | | | | |
| D7050 | Throughout building | Adequate | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 4,710 SF | 10 | 4589789 |
| Sitework | | | | | | |
| G4050 | Building exterior | Adequate | Exterior Fixture w/ Lamp, any type, w/ LED Replacement | 6 | 6 | 4589804 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Buildings B & C

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|------------|---------------------|-----------|---|-----------|-----|---------|
| Structure | | | | | | |
| A4020 | Throughout | Good | Slab-on-Grade, Concrete, Maintain | 10,653 SF | 45 | 5133509 |
| Facade | | | | | | |
| B2010 | Building Exterior | Adequate | Exterior Walls, any painted surface, Prep & Paint | 7,680 SF | 4 | 4589808 |
| B2020 | Building Exterior | Adequate | Window, Steel, 16-25 SF | 40 | 16 | 4589830 |
| B2050 | Building Exterior | Adequate | Exterior Door, Steel, Standard | 16 | 26 | 4589821 |
| Roofing | | | | | | |
| B3010 | Roof | Adequate | Roofing, Built-Up | 15,500 SF | 11 | 4589833 |
| Interiors | | | | | | |
| C1070 | Throughout building | Adequate | Suspended Ceilings, Acoustical Tile (ACT) | 10,103 SF | 11 | 4589828 |
| C2010 | Restrooms | Adequate | Wall Finishes, Ceramic Tile | 350 SF | 26 | 4589840 |
| C2010 | Throughout building | Adequate | Wall Finishes, any surface, Prep & Paint | 19,500 SF | 4 | 4589822 |
| C2030 | Restrooms | Adequate | Flooring, any surface, w/ Epoxy Coating, Prep & Paint | 250 SF | 4 | 4589835 |
| C2030 | Throughout building | Adequate | Flooring, Carpet, Commercial Standard | 10,403 SF | 4 | 4589809 |
| C2050 | Throughout building | Adequate | Ceiling Finishes, any flat surface, Prep & Paint | 550 SF | 4 | 4589815 |
| Plumbing | | | | | | |
| D2010 | Restrooms | Adequate | Toilet, Commercial Water Closet | 2 | 16 | 4589841 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Buildings B & C

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|---------------------------------|---------------------|-----------|--|-----------|-----|---------|
| D2010 | Janitors room | Adequate | Sink/Lavatory, Service Sink, Floor | 1 | 21 | 4589823 |
| D2010 | Storage room | Adequate | Water Heater, Electric, Commercial (12 kW) | 1 | 6 | 4589807 |
| D2010 | Building exterior | Marginal | Drinking Fountain, Wall-Mounted, Bi-Level | 1 | 4 | 4589820 |
| D2010 | Throughout building | Adequate | Plumbing System, Supply & Sanitary, Low Density (excludes fixtures) | 10,653 SF | 26 | 4589810 |
| D2010 | Restrooms | Adequate | Sink/Lavatory, Wall-Hung, Vitreous China | 2 | 16 | 4589837 |
| HVAC | | | | | | |
| D3030 | B1 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589825 |
| D3030 | B3 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589836 |
| D3030 | C1 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589811 |
| D3030 | B2 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589829 |
| D3030 | C3 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589816 |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone | 1 | 2 | 4589817 |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-D1] | 1 | 2 | 4589845 |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-D4] | 1 | 2 | 4589824 |
| D3030 | C2 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-3] | 1 | 6 | 4589844 |
| D3030 | C4 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589819 |
| D3030 | B4 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589839 |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-D2] | 1 | 2 | 4589813 |
| D3050 | Throughout building | Adequate | HVAC System, Ductwork, Low Density | 10,653 SF | 16 | 4589843 |
| D3060 | Roof | Adequate | Exhaust Fan, Centrifugal, 12" Damper | 2 | 11 | 4589832 |
| Fire Protection | | | | | | |
| D4010 | Throughout | NA | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 10,653 SF | 5 | 5271900 |
| D4030 | Throughout building | Adequate | Fire Extinguisher, Wet Chemical/CO2 | 10 | 4 | 4589818 |
| Electrical | | | | | | |
| D5020 | Electrical room | Adequate | Secondary Transformer, Dry, Stepdown [Transformer #4] | 1 | 16 | 4589831 |
| D5030 | Throughout building | Adequate | Electrical System, Wiring & Switches, Average or Low Density/Complexity | 10,653 SF | 26 | 4589826 |
| D5040 | Throughout building | Adequate | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures | 10,653 SF | 11 | 4589814 |
| Fire Alarm & Electronic Systems | | | | | | |
| D7050 | Throughout building | Adequate | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 10,653 SF | 11 | 4589812 |
| D7050 | Storage room | Adequate | Fire Alarm Panel, Multiplex | 1 | 5 | 4589827 |
| Equipment & Furnishings | | | | | | |
| E2010 | Throughout building | Adequate | Casework, Cabinetry, Hardwood Standard | 120 LF | 6 | 4589834 |
| Sitework | | | | | | |
| G4050 | Building exterior | Adequate | Exterior Fixture w/ Lamp, any type, w/ LED Replacement | 12 | 11 | 4589838 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Buildings D & E

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|-----------------|---------------------|-----------|--|-----------|-----|---------|
| Structure | | | | | | |
| A4020 | Throughout | Good | Slab-on-Grade, Concrete, Maintain | 10,653 SF | 45 | 5133511 |
| Roofing | | | | | | |
| B3010 | Roof | Adequate | Roofing, Built-Up | 15,400 SF | 11 | 4589875 |
| Interiors | | | | | | |
| C1070 | Throughout building | Adequate | Suspended Ceilings, Acoustical Tile (ACT) | 9,580 SF | 11 | 4589865 |
| C1090 | Throughout building | Adequate | Toilet Partitions, Plastic/Laminate | 12 | 11 | 4589857 |
| C2010 | Restrooms | Adequate | Wall Finishes, Ceramic Tile | 750 SF | 26 | 4589871 |
| C2010 | Throughout building | Adequate | Wall Finishes, any surface, Prep & Paint | 21,800 SF | 4 | 4589867 |
| C2030 | Restrooms | Adequate | Flooring, any surface, w/ Epoxy Coating, Prep & Paint | 450 SF | 4 | 4589864 |
| C2030 | Throughout building | Marginal | Flooring, Carpet, Commercial Standard | 6,500 SF | 1 | 4589862 |
| C2030 | Throughout building | Adequate | Flooring, Vinyl Tile (VCT) | 3,703 SF | 6 | 4589858 |
| C2050 | Throughout building | Adequate | Ceiling Finishes, any flat surface, Prep & Paint | 1,073 SF | 4 | 4589850 |
| Plumbing | | | | | | |
| D2010 | Restrooms | Adequate | Urinal, Standard | 4 | 16 | 4589869 |
| D2010 | Restrooms | Adequate | Sink/Lavatory, Wall-Hung, Vitreous China | 6 | 16 | 4589853 |
| D2010 | Throughout building | Adequate | Plumbing System, Supply & Sanitary, Low Density (excludes fixtures) | 10,653 SF | 26 | 4589848 |
| D2010 | Restrooms | Adequate | Toilet, Commercial Water Closet | 12 | 16 | 4589866 |
| HVAC | | | | | | |
| D3030 | D1 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-7] | 1 | 6 | 4589879 |
| D3030 | E3 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589876 |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-E1] | 1 | 2 | 4589849 |
| D3030 | D3 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-11] | 1 | 6 | 4589847 |
| D3030 | E1 & E2 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589851 |
| D3030 | D5 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-25] | 1 | 6 | 4589861 |
| D3030 | D2 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589868 |
| D3030 | E5 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589859 |
| D3030 | D4 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589860 |
| D3030 | E1 & E2 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589874 |
| D3030 | E4 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589852 |
| D3050 | Throughout building | Adequate | HVAC System, Ductwork, Low Density | 10,653 SF | 16 | 4589854 |
| D3060 | Roof | Adequate | Exhaust Fan, Centrifugal, 16" Damper | 2 | 11 | 4589846 |
| Fire Protection | | | | | | |
| D4010 | Throughout | NA | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 10,653 SF | 5 | 5271901 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Buildings D & E

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|---------------------------------|---------------------|-----------|--|-----------|-----|---------|
| D4030 | Throughout building | Adequate | Fire Extinguisher, Wet Chemical/CO2 | 12 | 4 | 4589873 |
| Electrical | | | | | | |
| D5020 | Electrical room | Adequate | Secondary Transformer, Dry, Stepdown | 1 | 16 | 4589856 |
| D5030 | Throughout building | Adequate | Electrical System, Wiring & Switches, Average or Low Density/Complexity | 10,653 SF | 26 | 4589855 |
| D5040 | Throughout building | Adequate | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures | 10,653 SF | 6 | 4589872 |
| Fire Alarm & Electronic Systems | | | | | | |
| D7050 | Throughout building | Adequate | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 10,653 SF | 11 | 4589877 |
| Equipment & Furnishings | | | | | | |
| E2010 | Throughout building | Adequate | Casework, Cabinetry, Hardwood Standard | 150 LF | 11 | 4589878 |
| Sitework | | | | | | |
| G4050 | Building exterior | Adequate | Exterior Fixture w/ Lamp, any type, w/ LED Replacement | 12 | 6 | 4589863 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Buildings F & G

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|------------|---------------------|-----------|--|-----------|-----|---------|
| Structure | | | | | | |
| A4020 | Throughout | Good | Slab-on-Grade, Concrete, Maintain | 19,590 SF | 40 | 5133512 |
| Facade | | | | | | |
| B2010 | Building Exterior | Adequate | Exterior Walls, any painted surface, Prep & Paint | 12,870 SF | 4 | 4589922 |
| B2020 | Building Exterior | Adequate | Window, Steel, 16-25 SF | 85 | 16 | 4589896 |
| B2050 | Building Exterior | Adequate | Exterior Door, Steel, Standard | 25 | 26 | 4589891 |
| Roofing | | | | | | |
| B3010 | Roof | Adequate | Roofing, Built-Up | 26,810 SF | 11 | 4589925 |
| Interiors | | | | | | |
| C1070 | Throughout building | Adequate | Suspended Ceilings, Acoustical Tile (ACT) | 19,590 SF | 11 | 4589887 |
| C1090 | Restrooms | Adequate | Toilet Partitions, Plastic/Laminate | 12 | 11 | 4589895 |
| C2010 | Throughout building | Adequate | Wall Finishes, any surface, Prep & Paint | 41,140 SF | 4 | 4589906 |
| C2030 | Throughout building | Adequate | Flooring, Vinyl Tile (VCT) | 13,690 SF | 7 | 4589921 |
| C2030 | Throughout building | Marginal | Flooring, Carpet, Commercial Standard | 6,900 SF | 1 | 4589901 |
| Plumbing | | | | | | |
| D2010 | Throughout building | Adequate | Plumbing System, Supply & Sanitary, Medium Density (excludes fixtures) | 19,590 SF | 26 | 4589907 |
| D2010 | Restrooms | Adequate | Sink/Lavatory, Wall-Hung, Vitreous China | 6 | 16 | 4589909 |
| D2010 | Building exterior | Marginal | Drinking Fountain, Wall-Mounted, Single-Level | 2 | 3 | 4589894 |
| D2010 | Restrooms | Adequate | Urinal, Standard | 5 | 16 | 4589919 |
| D2010 | Restrooms | Adequate | Toilet, Commercial Water Closet | 12 | 16 | 4589912 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Buildings F & G

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|---------------------------------|---------------------|-----------|--|-----------|-----|---------|
| HVAC | | | | | | |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-F2] | 1 | 2 | 4589888 |
| D3030 | G1 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-31] | 1 | 6 | 4589899 |
| D3030 | F6 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-18] | 1 | 6 | 4589911 |
| D3030 | F4 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-26] | 1 | 6 | 4589881 |
| D3030 | F3 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-28] | 1 | 6 | 4589905 |
| D3030 | F8 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-22] | 1 | 6 | 4589915 |
| D3030 | G4 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-25] | 1 | 6 | 4589893 |
| D3030 | F9 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-24] | 1 | 6 | 4589902 |
| D3030 | F1 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-32] | 1 | 6 | 4589918 |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-G1] | 1 | 2 | 4589903 |
| D3030 | G6 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-19] | 1 | 6 | 4589924 |
| D3030 | G3 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-27] | 1 | 6 | 4589904 |
| D3030 | F2 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-30] | 1 | 6 | 4589884 |
| D3030 | Roof | Adequate | Split System Ductless, Single Zone [CU-F1] | 1 | 5 | 4589900 |
| D3030 | F7 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-20] | 1 | 6 | 4589920 |
| D3030 | G2 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-29] | 1 | 6 | 4589890 |
| D3030 | G8 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-23] | 1 | 6 | 4589892 |
| D3030 | F5 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-16] | 1 | 6 | 4589908 |
| D3030 | G7 | Adequate | Heat Pump, Packaged & Wall-Mounted [HP2-21] | 1 | 6 | 4589880 |
| D3030 | G5 | Adequate | Heat Pump, Packaged & Wall-Mounted | 1 | 6 | 4589883 |
| D3030 | Roof | Marginal | Split System Ductless, Single Zone [CU-F3] | 1 | 2 | 4589898 |
| D3050 | Throughout building | Adequate | HVAC System, Ductwork, Low Density [HP2-28] | 19,590 SF | 16 | 4589897 |
| D3060 | Roof | Adequate | Exhaust Fan, Centrifugal, 16" Damper | 2 | 11 | 4589886 |
| Fire Protection | | | | | | |
| D4010 | Throughout | NA | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 19,590 SF | 5 | 5271902 |
| D4030 | Throughout building | Adequate | Fire Extinguisher, Wet Chemical/CO2 | 19 | 4 | 4589882 |
| Electrical | | | | | | |
| D5020 | Electrical room | Adequate | Switchboard, 120/208 V [Panel DP] | 1 | 26 | 4589916 |
| D5020 | Electrical room | Adequate | Secondary Transformer, Dry, Stepdown [Transformer #6] | 1 | 16 | 4589910 |
| D5030 | Throughout building | Adequate | Electrical System, Wiring & Switches, Average or Low Density/Complexity | 19,590 SF | 26 | 4589889 |
| D5040 | Throughout building | Adequate | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures | 19,590 SF | 6 | 4589917 |
| Fire Alarm & Electronic Systems | | | | | | |
| D7050 | Electrical room | Adequate | Fire Alarm Panel, Multiplex | 1 | 7 | 4589923 |

Component Condition Report | Mathson Institute of Technology/Renaissance II / Buildings F & G

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|-------------------------|---------------------|-----------|--|-----------|-----|---------|
| D7050 | Throughout building | Adequate | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 19,590 SF | 11 | 4589914 |
| Equipment & Furnishings | | | | | | |
| E2010 | Classrooms | Adequate | Casework, Cabinetry, Hardwood Standard | 260 LF | 11 | 4589913 |
| Sitework | | | | | | |
| G4050 | Building exterior | Adequate | Exterior Fixture w/ Lamp, any type, w/ LED Replacement | 22 | 11 | 4589885 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Locker Room Building

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|------------|---------------------|-----------|---|----------|-----|---------|
| Structure | | | | | | |
| A4020 | Throughout | Good | Slab-on-Grade, Concrete, Maintain | 7,492 SF | 40 | 5133513 |
| Facade | | | | | | |
| B2010 | Building Exterior | Marginal | Exterior Walls, any painted surface, Prep & Paint | 5,295 SF | 2 | 4578059 |
| B2020 | Building Exterior | Adequate | Window, Steel, 28-40 SF | 12 | 16 | 4578069 |
| B2050 | Building Exterior | Adequate | Exterior Door, Fiberglass | 4 | 11 | 4578071 |
| B2050 | Building Exterior | Adequate | Exterior Door, Steel, Standard | 6 | 26 | 4578078 |
| Roofing | | | | | | |
| B3010 | Roof | Adequate | Roofing, Built-Up | 7,354 SF | 11 | 4578063 |
| Interiors | | | | | | |
| C1030 | Throughout building | Adequate | Interior Door, Wood, Solid-Core | 6 | 26 | 4578062 |
| C1090 | Locker rooms | Adequate | Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H | 1,510 | 6 | 4578079 |
| C1090 | Restrooms | Adequate | Toilet Partitions, Plastic/Laminate | 6 | 6 | 4578054 |
| C2010 | Throughout building | Adequate | Wall Finishes, any surface, Prep & Paint | 9,600 SF | 3 | 4578067 |
| C2010 | Restrooms | Adequate | Wall Finishes, Ceramic Tile | 500 SF | 26 | 4578076 |
| C2030 | Restrooms | Adequate | Flooring, Ceramic Tile | 500 SF | 26 | 4578066 |
| C2030 | Throughout building | Adequate | Flooring, any surface, w/ Epoxy Coating, Prep & Paint | 6,992 SF | 4 | 4578057 |
| C2050 | Throughout building | Adequate | Ceiling Finishes, any flat surface, Prep & Paint | 7,492 SF | 4 | 4578072 |
| Plumbing | | | | | | |
| D2010 | Restrooms | Adequate | Urinal, Standard | 4 | 16 | 4578075 |
| D2010 | Locker rooms | Adequate | Shower, Ceramic Tile | 4 | 16 | 4578061 |
| D2010 | Restrooms | Adequate | Sink/Lavatory, Wall-Hung, Vitreous China | 2 | 16 | 4578055 |
| D2010 | Restrooms | Adequate | Toilet, Commercial Water Closet | 12 | 16 | 4578065 |
| D2010 | Locker rooms | Adequate | Sink/Lavatory, Trough Style, Solid Surface | 4 | 16 | 4578056 |
| D2010 | Throughout building | Adequate | Plumbing System, Supply & Sanitary, Low Density (excludes fixtures) | 7,492 SF | 26 | 4578070 |
| HVAC | | | | | | |

Component Condition Report | Mathson Institute of Technology/Renaissance II / Locker Room Building

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|---------------------------------|---------------------|-----------|--|----------|-----|---------|
| D3030 | Roof | Marginal | Split System Ductless, Single Zone | 2 | 2 | 4578077 |
| D3060 | Roof | Adequate | Exhaust Fan, Centrifugal, 36"Damper | 1 | 11 | 4578058 |
| D3060 | Roof | Adequate | Exhaust Fan, Centrifugal, 16" Damper | 2 | 11 | 4578068 |
| Fire Protection | | | | | | |
| D4010 | Throughout | NA | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 7,492 SF | 5 | 5271903 |
| Electrical | | | | | | |
| D5030 | Throughout building | Adequate | Electrical System, Wiring & Switches, Average or Low Density/Complexity | 7,492 SF | 26 | 4578064 |
| D5040 | Throughout building | Adequate | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures | 7,492 SF | 6 | 4578073 |
| Fire Alarm & Electronic Systems | | | | | | |
| D7050 | Throughout building | Adequate | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 7,492 SF | 6 | 4578060 |
| Sitework | | | | | | |
| G4050 | Building exterior | Adequate | Exterior Fixture w/ Lamp, any type, w/ LED Replacement | 6 | 6 | 4578074 |

Component Condition Report | Mathson Institute of Technology/Renaissance II / Multi Use/Cafeteria Building

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|------------|---------------------|-----------|---|-----------|-----|---------|
| Structure | | | | | | |
| A4020 | Throughout | Good | Slab-on-Grade, Concrete, Maintain | 8,388 SF | 45 | 5133514 |
| Facade | | | | | | |
| B2010 | Building Exterior | Adequate | Exterior Walls, any painted surface, Prep & Paint | 6,996 SF | 3 | 4589952 |
| B2020 | Building Exterior | Adequate | Storefront, Glazing & Framing | 420 SF | 16 | 4589951 |
| B2020 | Building Exterior | Adequate | Window, Steel, up to 15 SF | 9 | 16 | 4589943 |
| B2050 | Building Exterior | Adequate | Exterior Door, Steel, Standard | 14 | 26 | 4589938 |
| Roofing | | | | | | |
| B3010 | Roof | Adequate | Roofing, Built-Up | 10,215 SF | 11 | 4589935 |
| Interiors | | | | | | |
| C1030 | Throughout building | Adequate | Interior Door, Steel, Standard | 12 | 26 | 4589963 |
| C1070 | Dining room | Adequate | Suspended Ceilings, Hard Tile, Replacement w/ ACT | 6,388 SF | 11 | 4589969 |
| C1070 | Throughout building | Adequate | Suspended Ceilings, Acoustical Tile (ACT) | 2,000 SF | 11 | 4589964 |
| C2010 | Throughout building | Adequate | Wall Finishes, Laminated Paneling (FRP) | 12,000 SF | 16 | 4589947 |
| C2030 | Throughout building | Marginal | Flooring, Carpet, Commercial Standard | 1,600 SF | 1 | 4589955 |
| C2030 | Throughout building | Adequate | Flooring, Vinyl Tile (VCT) | 6,788 SF | 5 | 4589948 |
| Conveying | | | | | | |
| D1010 | Elevator | Adequate | Vertical Lift, Wheelchair, 5' Rise, Renovate | 1 | 11 | 4589926 |
| Plumbing | | | | | | |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|---------------------------------|---------------------|-----------|--|----------|-----|---------|
| D2010 | Main hall | Good | Drinking Fountain, Wall-Mounted, Single-Level | 1 | 10 | 4589973 |
| D2010 | Throughout building | Adequate | Plumbing System, Supply & Sanitary, Medium Density (excludes fixtures) | 8,388 SF | 26 | 4589940 |
| D2010 | Electrical room | Adequate | Water Heater, Gas, Commercial (400 MBH) | 1 | 6 | 4589967 |
| HVAC | | | | | | |
| D3050 | Roof | Adequate | Packaged Unit, RTU, Pad or Roof-Mounted [AC-B1] | 1 | 6 | 4589934 |
| D3050 | Throughout building | Adequate | HVAC System, Ductwork, Medium Density | 8,388 SF | 16 | 4589972 |
| D3060 | Roof | Adequate | Exhaust Fan, Centrifugal, 16" Damper | 2 | 11 | 4589941 |
| D3060 | Roof | Adequate | Exhaust Fan, Centrifugal, 36"Damper | 1 | 11 | 4589971 |
| Fire Protection | | | | | | |
| D4010 | Throughout | NA | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 8,388 SF | 5 | 5271904 |
| D4030 | Throughout building | Adequate | Fire Extinguisher, Wet Chemical/CO2 | 4 | 4 | 4589957 |
| Electrical | | | | | | |
| D5020 | Electrical room | Adequate | Secondary Transformer, Dry, Stepdown [Transformer #2] | 1 | 16 | 4589968 |
| D5020 | Site | Adequate | Switchboard, 277/480 V | 1 | 26 | 4589950 |
| D5030 | Throughout building | Adequate | Electrical System, Wiring & Switches, Average or Low Density/Complexity | 8,388 SF | 26 | 4589928 |
| D5040 | Utility closet | Adequate | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures | 8,388 SF | 11 | 4589966 |
| Fire Alarm & Electronic Systems | | | | | | |
| D7050 | Throughout building | Adequate | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 8,388 SF | 11 | 4589945 |
| D7050 | Electrical room | Adequate | Fire Alarm Panel, Fully Addressable | 1 | 5 | 4589953 |
| Equipment & Furnishings | | | | | | |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Refrigerator, 1-Door Reach-In | 1 | 6 | 4589958 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels | 1 | 6 | 4589936 |
| E1030 | Roof | Adequate | Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer | 1 | 6 | 4589946 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Freezer, 2-Door Reach-In | 1 | 6 | 4589944 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Refrigerator, 1-Door Reach-In | 1 | 6 | 4589956 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Steamer, Freestanding | 1 | 4 | 4589949 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Refrigerator, 1-Door Reach-In | 1 | 6 | 4589961 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Freezer, 2-Door Reach-In | 1 | 6 | 4589933 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Walk-In, Refrigerator | 1 | 6 | 4589930 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Freezer, 2-Door Reach-In | 1 | 6 | 4589942 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels | 1 | 6 | 4589929 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Refrigerator, 2-Door Reach-In | 1 | 6 | 4589927 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Freezer, 2-Door Reach-In | 1 | 6 | 4589931 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels | 1 | 6 | 4589932 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|------------|-------------------|-----------|--|----------|-----|---------|
| E1030 | Kitchen | Adequate | Foodservice Equipment, Refrigerator, 2-Door Reach-In | 1 | 6 | 4589939 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Freezer, 2-Door Reach-In | 1 | 6 | 4589965 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Convection Oven, Double | 1 | 4 | 4589962 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Convection Oven, Double | 1 | 4 | 4589970 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Exhaust Hood, 8 to 10 LF | 1 | 6 | 4589960 |
| E1030 | Kitchen | Adequate | Foodservice Equipment, Refrigerator, 1-Door Reach-In | 1 | 6 | 4589959 |
| Sitework | | | | | | |
| G4050 | Building exterior | Adequate | Exterior Fixture w/ Lamp, any type, w/ LED Replacement | 6 | 6 | 4589954 |

Component Condition Report | Mathson Institute of Technology/Renaissace II / Site

| UF L3 Code | Location | Condition | Asset/Component/Repair | Quantity | RUL | ID |
|--|----------|-----------|---|------------|-----|---------|
| Special Construction & Demo | | | | | | |
| F1020 | Site | Adequate | Shed/Gazebo/Shade Structure, Wood or Metal-Framed, Basic/Minimal | 1,250 SF | 16 | 4589772 |
| Pedestrian Plazas & Walkways | | | | | | |
| G2020 | Site | Adequate | Parking Lots, Pavement, Asphalt, Seal & Stripe | 62,880 SF | 2 | 4589779 |
| G2020 | Site | Adequate | Parking Lots, Pavement, Asphalt, Mill & Overlay | 62,880 SF | 11 | 4589741 |
| G2030 | Site | Good | Sidewalk, Concrete, Small Areas/Sections | 17,500 SF | 36 | 4589974 |
| Athletic, Recreational & Playfield Areas | | | | | | |
| G2050 | Site | Adequate | Sports Apparatus, Basketball, Backboard/Rim/Pole | 9 | 11 | 4589777 |
| G2050 | Site | Adequate | Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Seal & Stripe | 108,500 SF | 2 | 4589770 |
| G2050 | Site | Adequate | Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Mill & Overlay | 108,500 SF | 11 | 4589744 |
| G2050 | Site | Adequate | Play Structure, Multipurpose, Small | 1 | 6 | 4589771 |
| Sitework | | | | | | |
| G2060 | Site | Good | Signage, Property, Pylon Robust/Electronic Programmable, Replace/Install | 1 | 19 | 4589773 |
| G2060 | Site | Adequate | Picnic Table, Metal Powder-Coated | 15 | 11 | 4589762 |
| G2060 | Site | Adequate | Fences & Gates, Fence, Chain Link 6' | 2,850 LF | 26 | 4589752 |
| G2060 | Site | Adequate | Park Bench, Metal Powder-Coated | 12 | 11 | 4589780 |
| G2060 | Site | Adequate | Flagpole, Metal | 1 | 16 | 4589784 |
| G4050 | Site | Adequate | Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, Replace/Install | 12 | 11 | 4589783 |

Appendix E:

Replacement Reserves

Replacement Reserves Report



2/16/2023

| Location | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Total Escalated Estimate |
|---|------|-----------|-----------|----------|-----------|-----------|-------------|-----------|------|------|----------|-------------|-----------|----------|-----------|------|-------------|-----------|---------|----------|-----------|--------------------------|
| Mathson Institute of Technology/Renaissance II / Administration Building | \$0 | \$0 | \$14,270 | \$0 | \$69,355 | \$21,647 | \$83,251 | \$0 | \$0 | \$0 | \$12,547 | \$245,303 | \$0 | \$0 | \$85,741 | \$0 | \$151,858 | \$22,232 | \$0 | \$8,655 | \$0 | \$714,859 |
| Mathson Institute of Technology/Renaissance II / Building A | \$0 | \$0 | \$82,771 | \$0 | \$0 | \$20,214 | \$67,182 | \$0 | \$0 | \$0 | \$11,717 | \$163,751 | \$107,015 | \$0 | \$0 | \$0 | \$128,159 | \$4,895 | \$0 | \$0 | \$0 | \$585,704 |
| Mathson Institute of Technology/Renaissance II / Buildings B & C | \$0 | \$0 | \$30,241 | \$0 | \$192,932 | \$51,441 | \$136,148 | \$0 | \$0 | \$0 | \$0 | \$553,231 | \$0 | \$0 | \$256,485 | \$0 | \$219,617 | \$47,115 | \$0 | \$3,246 | \$8,915 | \$1,499,372 |
| Mathson Institute of Technology/Renaissance II / Buildings D & E | \$0 | \$61,962 | \$6,284 | \$0 | \$60,897 | \$45,719 | \$186,030 | \$0 | \$0 | \$0 | \$0 | \$636,556 | \$0 | \$0 | \$81,840 | \$0 | \$119,418 | \$9,790 | \$0 | \$0 | \$0 | \$1,208,496 |
| Mathson Institute of Technology/Renaissance II / Buildings F & G | \$0 | \$65,775 | \$20,554 | \$3,236 | \$147,249 | \$90,940 | \$267,661 | \$109,955 | \$0 | \$0 | \$0 | \$1,068,684 | \$0 | \$0 | \$197,890 | \$0 | \$443,131 | \$32,022 | \$5,042 | \$0 | \$10,698 | \$2,462,836 |
| Mathson Institute of Technology/Renaissance II / Locker Room Building | \$0 | \$0 | \$36,767 | \$19,417 | \$137,343 | \$32,153 | \$1,188,865 | \$0 | \$0 | \$0 | \$0 | \$198,753 | \$27,948 | \$26,095 | \$184,578 | \$0 | \$139,803 | \$24,883 | \$0 | \$0 | \$0 | \$2,016,606 |
| Mathson Institute of Technology/Renaissance II / Multi Use/Cafeteria Building | \$0 | \$15,252 | \$0 | \$28,301 | \$42,639 | \$106,009 | \$207,463 | \$0 | \$0 | \$0 | \$1,990 | \$447,698 | \$0 | \$38,034 | \$57,303 | \$0 | \$543,670 | \$0 | \$0 | \$0 | \$109,075 | \$1,597,433 |
| Mathson Institute of Technology/Renaissance II / Site | \$0 | \$0 | \$100,963 | \$0 | \$0 | \$0 | \$14,735 | \$117,044 | \$0 | \$0 | \$0 | \$1,284,918 | \$135,686 | \$0 | \$0 | \$0 | \$66,832 | \$157,297 | \$0 | \$54,096 | \$0 | \$1,931,570 |
| Grand Total | \$0 | \$142,990 | \$291,850 | \$50,954 | \$650,415 | \$368,122 | \$2,151,334 | \$226,999 | \$0 | \$0 | \$26,254 | \$4,598,894 | \$270,649 | \$64,129 | \$863,837 | \$0 | \$1,812,488 | \$298,234 | \$5,042 | \$65,997 | \$128,688 | \$12,016,876 |

| Matheson Institute of Technology/Renaissance II / Administration Building | | | Lifespan (EUL) | | EAge | RUL | Quantity | Unit | Unit Cost * | Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate | | |
|---|---------|--|----------------|----|------|-------|----------|-------------|-------------|----------|------|---------|----------|----------|----------|----------|----------|------|------|---------|----------|-----------|------|------|----------|----------|-----------|----------|---------|---------|------|----------------------------|-----------|----------|
| Uniformat Code | ID | Cost Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B2010 | 4589782 | Exterior Walls, any painted surface, Prep & Paint | 10 | 6 | 4 | 3636 | SF | \$3.70 | \$13,460 | | | | | \$13,460 | | | | | | | | | | | \$13,460 | | | | | | | \$26,921 | | |
| B2020 | 4589756 | Window, Steel, 16-25 SF, Replace | 30 | 14 | 16 | 21 | EA | \$2,097.80 | \$44,054 | | | | | | | | | | | | | | | | | \$44,054 | | | | | | | \$44,054 | |
| B2020 | 4589760 | Window, Steel, up to 15 SF, Replace | 30 | 14 | 16 | 13 | EA | \$1,357.40 | \$17,646 | | | | | | | | | | | | | | | | | | \$17,646 | | | | | | | \$17,646 |
| B3010 | 4589761 | Roofing, Built-Up, Replace | 25 | 14 | 11 | 7240 | SF | \$17.28 | \$125,078 | | | | | | | | | | | | | \$125,078 | | | | | | | | | | | \$125,078 | |
| C1070 | 4589785 | Suspended Ceilings, Acoustical Tile (ACT), Replace | 25 | 14 | 11 | 1200 | SF | \$4.32 | \$5,183 | | | | | | | | | | | | | \$5,183 | | | | | | | | | | | \$5,183 | |
| C1070 | 4589742 | Suspended Ceilings, Hard Tile, Replacement w/ ACT, Replace | 25 | 14 | 11 | 2500 | SF | \$4.32 | \$10,798 | | | | | | | | | | | | | \$10,798 | | | | | | | | | | | \$10,798 | |
| C1090 | 4589778 | Toilet Partitions, Plastic/Laminate, Replace | 20 | 14 | 6 | 2 | EA | \$925.50 | \$1,851 | | | | | | | \$1,851 | | | | | | | | | | | | | | | | | \$1,851 | |
| C2010 | 4589763 | Wall Finishes, any surface, Prep & Paint | 10 | 6 | 4 | 10090 | SF | \$1.85 | \$18,677 | | | | | \$18,677 | | | | | | | | | | | \$18,677 | | | | | | | | \$37,353 | |
| C2030 | 4589745 | Flooring, any surface, w/ Epoxy Coating, Prep & Paint | 10 | 6 | 4 | 350 | SF | \$14.81 | \$5,183 | | | | | \$5,183 | | | | | | | | | | | \$5,183 | | | | | | | | \$10,366 | |
| C2030 | 4589749 | Flooring, Vinyl Tile (VCT), Replace | 15 | 9 | 6 | 3200 | SF | \$6.17 | \$19,744 | | | | | | | \$19,744 | | | | | | | | | | | | | | | | | \$19,744 | |
| C2030 | 4589754 | Flooring, Carpet, Commercial Standard, Replace | 10 | 6 | 4 | 1494 | SF | \$9.26 | \$13,827 | | | | | \$13,827 | | | | | | | | | | | \$13,827 | | | | | | | | \$27,654 | |
| C2050 | 4589750 | Ceiling Finishes, any flat surface, Prep & Paint | 10 | 6 | 4 | 1344 | SF | \$2.47 | \$3,317 | | | | | \$3,317 | | | | | | | | | | | \$3,317 | | | | | | | | \$6,634 | |
| D2010 | 4589746 | Toilet, Residential Water Closet, Replace | 30 | 14 | 16 | 3 | EA | \$863.80 | \$2,591 | | | | | | | | | | | | | | | | | \$2,591 | | | | | | | \$2,591 | |
| D2010 | 4589748 | Sink/Lavatory, Wall-Hung, Vitreous China, Replace | 30 | 14 | 16 | 3 | EA | \$1,851.00 | \$5,553 | | | | | | | | | | | | | | | | | \$5,553 | | | | | | | \$5,553 | |
| D3030 | 4589759 | Split System Ductless, Single Zone, Replace | 15 | 13 | 2 | 1 | EA | \$7,527.40 | \$7,527 | | | \$7,527 | | | | | | | | | | | | | | | \$7,527 | | | | | | \$15,055 | |
| D3030 | 4589776 | Split System Ductless, Single Zone, Replace | 15 | 13 | 2 | 1 | EA | \$5,923.20 | \$5,923 | | | \$5,923 | | | | | | | | | | | | | | | \$5,923 | | | | | | \$11,846 | |
| D3030 | 4589781 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | | \$6,787 | |
| D3050 | 4589769 | Packaged Unit, RTU, Pad or Roof-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$13,574.00 | \$13,574 | | | | | | | \$13,574 | | | | | | | | | | | | | | | | | \$13,574 | |
| D3050 | 4589758 | Packaged Unit, RTU, Pad or Roof-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$11,106.00 | \$11,106 | | | | | | | \$11,106 | | | | | | | | | | | | | | | | | \$11,106 | |
| D3050 | 4589774 | HVAC System, Ductwork, Low Density, Replace | 30 | 14 | 16 | 5044 | SF | \$2.47 | \$12,449 | | | | | | | | | | | | | | | | | \$12,449 | | | | | | | \$12,449 | |
| D3060 | 4589757 | Exhaust Fan, Centrifugal, 12" Damper, Replace | 25 | 14 | 11 | 3 | EA | \$1,727.60 | \$5,183 | | | | | | | | | | | | | \$5,183 | | | | | | | | | | | \$5,183 | |
| D4010 | 5271898 | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 40 | 35 | 5 | 5044 | SF | \$3.70 | \$18,673 | | | | | | \$18,673 | | | | | | | | | | | | | | | | | | \$18,673 | |
| D4030 | 4589751 | Fire Extinguisher, Wet Chemical/CO2, Replace | 10 | 6 | 4 | 6 | EA | \$370.20 | \$2,221 | | | | | \$2,221 | | | | | | | | | | | \$2,221 | | | | | | | | \$4,442 | |
| D5020 | 4589768 | Secondary Transformer, Dry, Stepdown, Replace | 30 | 14 | 16 | 1 | EA | \$12,340.00 | \$12,340 | | | | | | | | | | | | | | | | | \$12,340 | | | | | | | \$12,340 | |
| D5040 | 4589765 | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures, Replace | 20 | 9 | 11 | 5044 | SF | \$5.55 | \$28,009 | | | | | | | | | | | | | \$28,009 | | | | | | | | | | | \$28,009 | |
| D7050 | 4589747 | Fire Alarm Panel, Multiplex, Replace | 15 | 11 | 4 | 1 | EA | \$4,936.00 | \$4,936 | | | | | \$4,936 | | | | | | | | | | | | | | | \$4,936 | | | | \$9,872 | |
| D7050 | 4589755 | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 20 | 10 | 10 | 5044 | SF | \$1.85 | \$9,336 | | | | | | | | | | | \$9,336 | | | | | | | | | | | | | \$9,336 | |
| E2010 | 4589739 | Casework, Cabinetry, Hardwood Standard, Replace | 20 | 14 | 6 | 45 | LF | \$370.20 | \$16,659 | | | | | | \$16,659 | | | | | | | | | | | | | | | | | | \$16,659 | |
| G4050 | 4589753 | Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace | 20 | 9 | 11 | 6 | EA | \$493.60 | \$2,962 | | | | | | | | | | | | | \$2,962 | | | | | | | | | | | \$2,962 | |
| Totals, Unescalated | | | | | | | | | | | \$0 | \$0 | \$13,451 | \$0 | \$61,621 | \$18,673 | \$69,721 | \$0 | \$0 | \$0 | \$9,336 | \$177,212 | \$0 | \$0 | \$56,685 | \$0 | \$94,633 | \$13,451 | \$0 | \$4,936 | \$0 | | \$519,719 | |
| Totals, Escalated (3.0% inflation, compounded annually) | | | | | | | | | | | \$0 | \$0 | \$14,270 | \$0 | \$69,355 | \$21,647 | \$83,251 | \$0 | \$0 | \$0 | \$12,547 | \$245,303 | \$0 | \$0 | \$85,741 | \$0 | \$151,858 | \$22,232 | \$0 | \$8,655 | \$0 | | \$714,859 | |

[illegible]

Replacement Reserves Report



2/16/2023

| Uniformat Code | ID | Cost Description | Lifespan (EUL) | EA | RUL | Quantity | Unit | Unit Cost * | Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate | |
|---|---------|---|----------------|----|-----|----------|------|-------------|----------|------|------|----------|------|-----------|----------|-----------|------|------|------|------|-----------|------|------|-----------|------|-----------|----------|------|---------|---------|----------------------------|----------|
| E2010 | 4589834 | Casework, Cabinetry, Hardwood Standard, Replace | 20 | 14 | 6 | 120 | LF | \$370.20 | \$44,424 | | | | | | | \$44,424 | | | | | | | | | | | | | | | | \$44,424 |
| G4050 | 4589838 | Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace | 20 | 9 | 11 | 12 | EA | \$493.60 | \$5,923 | | | | | | | | | | | | \$5,923 | | | | | | | | | | | \$5,923 |
| Totals, Unescalated | | | | | | | | | | \$0 | \$0 | \$28,505 | \$0 | \$171,418 | \$44,373 | \$114,022 | \$0 | \$0 | \$0 | \$0 | \$399,666 | \$0 | \$0 | \$169,567 | \$0 | \$136,858 | \$28,505 | \$0 | \$1,851 | \$4,936 | \$1,099,702 | |
| Totals, Escalated (3.0% inflation, compounded annually) | | | | | | | | | | \$0 | \$0 | \$30,241 | \$0 | \$192,932 | \$51,441 | \$136,148 | \$0 | \$0 | \$0 | \$0 | \$553,231 | \$0 | \$0 | \$256,485 | \$0 | \$219,617 | \$47,115 | \$0 | \$3,246 | \$8,915 | \$1,499,372 | |

Mathson Institute of Technology/Renaissance II / Buildings D & E

| Info | format | Code | ID | Cost Description | Lifespan (EUL) | EAge | RUL | Quantity | Unit | Unit Cost * | Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate | |
|---|--------|---------|----|--|----------------|------|-----|----------|------|-------------|-----------|------|----------|---------|------|----------|----------|-----------|------|------|------|------|-----------|------|------|----------|------|-----------|---------|---------|------|------|----------------------------|----------|
| B3010 | | 4589875 | | Roofing, Built-Up, Replace | 25 | 14 | 11 | 15400 | SF | \$17.28 | \$266,050 | | | | | | | | | | | | \$266,050 | | | | | | | | | | \$266,050 | |
| C1070 | | 4589865 | | Suspended Ceilings, Acoustical Tile (ACT), Replace | 25 | 14 | 11 | 9580 | SF | \$4.32 | \$41,376 | | | | | | | | | | | | \$41,376 | | | | | | | | | | \$41,376 | |
| C1090 | | 4589857 | | Toilet Partitions, Plastic/Laminate, Replace | 20 | 9 | 11 | 12 | EA | \$925.50 | \$11,106 | | | | | | | | | | | | \$11,106 | | | | | | | | | | \$11,106 | |
| C2010 | | 4589867 | | Wall Finishes, any surface, Prep & Paint | 10 | 6 | 4 | 21800 | SF | \$1.85 | \$40,352 | | | | | \$40,352 | | | | | | | | | | \$40,352 | | | | | | | \$40,352 | |
| C2030 | | 4589864 | | Flooring, any surface, w/ Epoxy Coating, Prep & Paint | 10 | 6 | 4 | 450 | SF | \$14.81 | \$6,664 | | | | | \$6,664 | | | | | | | | | | \$6,664 | | | | | | | \$6,664 | |
| C2030 | | 4589858 | | Flooring, Vinyl Tile (VCT), Replace | 15 | 9 | 6 | 3703 | SF | \$6.17 | \$22,848 | | | | | | | \$22,848 | | | | | | | | | | | | | | | \$22,848 | |
| C2030 | | 4589862 | | Flooring, Carpet, Commercial Standard, Replace | 10 | 9 | 1 | 6500 | SF | \$9.26 | \$60,158 | | \$60,158 | | | | | | | | | | \$60,158 | | | | | | | | | | \$60,158 | |
| C2050 | | 4589850 | | Ceiling Finishes, any flat surface, Prep & Paint | 10 | 6 | 4 | 1073 | SF | \$2.47 | \$2,648 | | | | | \$2,648 | | | | | | | | | | \$2,648 | | | | | | | \$2,648 | |
| D2010 | | 4589869 | | Urinal, Standard, Replace | 30 | 14 | 16 | 4 | EA | \$1,357.40 | \$5,430 | | | | | | | | | | | | | | | | | \$5,430 | | | | | | \$5,430 |
| D2010 | | 4589853 | | Sink/Lavatory, Wall-Hung, Vitreous China, Replace | 30 | 14 | 16 | 6 | EA | \$1,851.00 | \$11,106 | | | | | | | | | | | | | | | | | \$11,106 | | | | | | \$11,106 |
| D2010 | | 4589866 | | Toilet, Commercial Water Closet, Replace | 30 | 14 | 16 | 12 | EA | \$1,604.20 | \$19,250 | | | | | | | | | | | | | | | | | \$19,250 | | | | | | \$19,250 |
| D3030 | | 4589849 | | Split System Ductless, Single Zone, Replace | 15 | 13 | 2 | 1 | EA | \$5,923.20 | \$5,923 | | | \$5,923 | | | | | | | | | | | | | | | | \$5,923 | | | | \$5,923 |
| D3030 | | 4589879 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589876 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589847 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589851 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589861 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589868 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589859 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589860 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589874 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3030 | | 4589852 | | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | | \$6,787 |
| D3050 | | 4589854 | | HVAC System, Ductwork, Low Density, Replace | 30 | 14 | 16 | 10653 | SF | \$2.47 | \$26,292 | | | | | | | | | | | | | | | | | \$26,292 | | | | | | \$26,292 |
| D3060 | | 4589846 | | Exhaust Fan, Centrifugal, 16" Damper, Replace | 25 | 14 | 11 | 2 | EA | \$2,961.60 | \$5,923 | | | | | | | | | | | | \$5,923 | | | | | | | | | | | \$5,923 |
| D4010 | | 5271901 | | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 40 | 35 | 5 | 10653 | SF | \$3.70 | \$39,437 | | | | | | \$39,437 | | | | | | | | | | | | | | | | | \$39,437 |
| D4030 | | 4589873 | | Fire Extinguisher, Wet Chemical/CO2, Replace | 10 | 6 | 4 | 12 | EA | \$370.20 | \$4,442 | | | | | \$4,442 | | | | | | | | | | \$4,442 | | | | | | | | \$4,442 |
| D5020 | | 4589856 | | Secondary Transformer, Dry, Stepdown, Replace | 30 | 14 | 16 | 1 | EA | \$12,340.00 | \$12,340 | | | | | | | | | | | | | | | | | \$12,340 | | | | | | \$12,340 |
| D5040 | | 4589872 | | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures, Replace | 20 | 14 | 6 | 10653 | SF | \$5.55 | \$59,156 | | | | | | | \$59,156 | | | | | | | | | | | | | | | | \$59,156 |
| D7050 | | 4589877 | | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 20 | 9 | 11 | 10653 | SF | \$1.85 | \$19,719 | | | | | | | | | | | | \$19,719 | | | | | | | | | | | \$19,719 |
| E2010 | | 4589878 | | Casework, Cabinetry, Hardwood Standard, Replace | 20 | 9 | 11 | 150 | LF | \$370.20 | \$55,530 | | | | | | | | | | | | \$55,530 | | | | | | | | | | | \$55,530 |
| G4050 | | 4589863 | | Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace | 20 | 14 | 6 | 12 | EA | \$493.60 | \$5,923 | | | | | | | \$5,923 | | | | | | | | | | | | | | | | \$5,923 |
| Totals, Unescalated | | | | | | | | | | | | \$0 | \$60,158 | \$5,923 | \$0 | \$54,106 | \$39,437 | \$155,797 | \$0 | \$0 | \$0 | \$0 | \$459,862 | \$0 | \$0 | \$54,106 | \$0 | \$74,418 | \$5,923 | \$0 | \$0 | \$0 | \$909,729 | |
| Totals, Escalated (3.0% inflation, compounded annually) | | | | | | | | | | | | \$0 | \$61,962 | \$6,284 | \$0 | \$60,897 | \$45,719 | \$186,030 | \$0 | \$0 | \$0 | \$0 | \$636,556 | \$0 | \$0 | \$81,840 | \$0 | \$119,418 | \$9,790 | \$0 | \$0 | \$0 | \$1,208,496 | |

Mathson Institute of Technology/Renaissance II / Buildings F & G

[illegible]

Replacement Reserves Report



2/16/2023

| Uniformat Code | ID | Cost Description | Lifespan (EUL) | EA | RUL | Quantity | Unit | Unit Cost * | Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate |
|---|---------|--|----------------|----|-----|----------|------|-------------|-----------|------|----------|----------|---------|-----------|----------|-----------|-----------|------|------|------|-------------|------|------|-----------|------|-----------|----------|---------|---------|----------|----------------------------|
| C2030 | 4589901 | Flooring, Carpet, Commercial Standard, Replace | 10 | 9 | 1 | 6900 | SF | \$9.26 | \$63,860 | | \$63,860 | | | | | | | | | | \$63,860 | | | | | | | | | | \$127,719 |
| D2010 | 4589894 | Drinking Fountain, Wall-Mounted, Single-Level, Replace | 15 | 12 | 3 | 2 | EA | \$1,480.80 | \$2,962 | | | | \$2,962 | | | | | | | | | | | | | | | \$2,962 | | | \$5,923 |
| D2010 | 4589909 | Sink/Lavatory, Wall-Hung, Vitreous China, Replace | 30 | 14 | 16 | 6 | EA | \$1,851.00 | \$11,106 | | | | | | | | | | | | | | | | | \$11,106 | | | | | \$11,106 |
| D2010 | 4589919 | Urinal, Standard, Replace | 30 | 14 | 16 | 5 | EA | \$1,357.40 | \$6,787 | | | | | | | | | | | | | | | | | \$6,787 | | | | | \$6,787 |
| D2010 | 4589912 | Toilet, Commercial Water Closet, Replace | 30 | 14 | 16 | 12 | EA | \$1,604.20 | \$19,250 | | | | | | | | | | | | | | | | | \$19,250 | | | | | \$19,250 |
| D3030 | 4589888 | Split System Ductless, Single Zone, Replace | 15 | 13 | 2 | 1 | EA | \$7,527.40 | \$7,527 | | | \$7,527 | | | | | | | | | | | | | | | \$7,527 | | | | \$15,055 |
| D3030 | 4589903 | Split System Ductless, Single Zone, Replace | 15 | 13 | 2 | 1 | EA | \$5,923.20 | \$5,923 | | | \$5,923 | | | | | | | | | | | | | | | \$5,923 | | | | \$11,846 |
| D3030 | 4589898 | Split System Ductless, Single Zone, Replace | 15 | 13 | 2 | 1 | EA | \$5,923.20 | \$5,923 | | | \$5,923 | | | | | | | | | | | | | | | \$5,923 | | | | \$11,846 |
| D3030 | 4589900 | Split System Ductless, Single Zone, Replace | 15 | 10 | 5 | 1 | EA | \$5,923.20 | \$5,923 | | | | | | \$5,923 | | | | | | | | | | | | | | \$5,923 | | \$11,846 |
| D3030 | 4589899 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589911 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589881 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589905 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589915 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589893 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589902 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589918 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589924 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589904 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589884 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589920 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589890 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589892 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589908 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589880 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3030 | 4589883 | Heat Pump, Packaged & Wall-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$6,787.00 | \$6,787 | | | | | | | \$6,787 | | | | | | | | | | | | | | | \$6,787 |
| D3050 | 4589897 | HVAC System, Ductwork, Low Density, Replace | 30 | 14 | 16 | 19590 | SF | \$2.47 | \$48,348 | | | | | | | | | | | | | | | | | \$48,348 | | | | | \$48,348 |
| D3060 | 4589886 | Exhaust Fan, Centrifugal, 16" Damper, Replace | 25 | 14 | 11 | 2 | EA | \$2,961.60 | \$5,923 | | | | | | | | \$5,923 | | | | | | | | | | | | | | \$5,923 |
| D4010 | 5271902 | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 40 | 35 | 5 | 19590 | SF | \$3.70 | \$72,522 | | | | | | \$72,522 | | | | | | | | | | | | | | | | \$72,522 |
| D4030 | 4589882 | Fire Extinguisher, Wet Chemical/CO2, Replace | 10 | 6 | 4 | 19 | EA | \$370.20 | \$7,034 | | | | | \$7,034 | | | | | | | | | | \$7,034 | | | | | | | \$14,068 |
| D5020 | 4589910 | Secondary Transformer, Dry, Stepdown, Replace | 30 | 14 | 16 | 1 | EA | \$12,340.00 | \$12,340 | | | | | | | | | | | | | | | | | \$12,340 | | | | | \$12,340 |
| D5040 | 4589917 | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures, Replace | 20 | 14 | 6 | 19590 | SF | \$5.55 | \$108,783 | | | | | | | \$108,783 | | | | | | | | | | | | | | | \$108,783 |
| D7050 | 4589923 | Fire Alarm Panel, Multiplex, Replace | 15 | 8 | 7 | 1 | EA | \$4,936.00 | \$4,936 | | | | | | | | \$4,936 | | | | | | | | | | | | | | \$4,936 |
| D7050 | 4589914 | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 20 | 9 | 11 | 19590 | SF | \$1.85 | \$36,261 | | | | | | | | | | | | \$36,261 | | | | | | | | | | \$36,261 |
| E2010 | 4589913 | Casework, Cabinetry, Hardwood Standard, Replace | 20 | 9 | 11 | 260 | LF | \$370.20 | \$96,252 | | | | | | | | | | | | \$96,252 | | | | | | | | | | \$96,252 |
| G4050 | 4589885 | Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace | 20 | 9 | 11 | 22 | EA | \$493.60 | \$10,859 | | | | | | | | | | | | \$10,859 | | | | | | | | | | \$10,859 |
| Totals, Unescalated | | | | | | | | | | \$0 | \$63,860 | \$19,374 | \$2,962 | \$130,829 | \$78,445 | \$224,162 | \$89,403 | \$0 | \$0 | \$0 | \$772,040 | \$0 | \$0 | \$130,829 | \$0 | \$276,145 | \$19,374 | \$2,962 | \$0 | \$5,923 | \$1,816,306 |
| Totals, Escalated (3.0% inflation, compounded annually) | | | | | | | | | | \$0 | \$65,775 | \$20,554 | \$3,236 | \$147,249 | \$90,940 | \$267,661 | \$109,955 | \$0 | \$0 | \$0 | \$1,068,684 | \$0 | \$0 | \$197,890 | \$0 | \$443,131 | \$32,022 | \$5,042 | \$0 | \$10,698 | \$2,462,836 |

Mathson Institute of Technology/Renaissance II / Locker Room Building

| Uniformat Code | ID | Cost Description | Lifespan (EUL) | EA | Age | RUL | Quantity | Unit | Unit Cost * | Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate |
|----------------|---------|---|----------------|----|-----|------|----------|------|-------------|-----------|------|------|----------|-----------|------|-----------|------|------|------|------|------|-----------|----------|-----------|------|----------|------|------|------|------|------|----------------------------|
| B2010 | 4578059 | Exterior Walls, any painted surface, Prep & Paint | 10 | 8 | 2 | 5295 | SF | | \$3.70 | \$19,602 | | | \$19,602 | | | | | | | | | \$19,602 | | | | | | | | | | \$39,204 |
| B2020 | 4578069 | Window, Steel, 28-40 SF, Replace | 30 | 14 | 16 | 12 | EA | | \$2,838.20 | \$34,058 | | | | | | | | | | | | | | | | \$34,058 | | | | | | \$34,058 |
| B2050 | 4578071 | Exterior Door, Fiberglass, Replace | 25 | 14 | 11 | 4 | EA | | \$925.50 | \$3,702 | | | | | | | | | | | | \$3,702 | | | | | | | | | | \$3,702 |
| B3010 | 4578063 | Roofing, Built-Up, Replace | 25 | 14 | 11 | 7354 | SF | | \$17.28 | \$127,048 | | | | | | | | | | | | \$127,048 | | | | | | | | | | \$127,048 |
| C1090 | 4578054 | Toilet Partitions, Plastic/Laminate, Replace | 20 | 14 | 6 | 6 | EA | | \$925.50 | \$5,553 | | | | | | \$5,553 | | | | | | | | | | | | | | | | \$5,553 |
| C1090 | 4578079 | Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H, Replace | 20 | 14 | 6 | 1510 | EA | | \$617.00 | \$931,670 | | | | | | \$931,670 | | | | | | | | | | | | | | | | \$931,670 |
| C2010 | 4578067 | Wall Finishes, any surface, Prep & Paint | 10 | 7 | 3 | 9600 | SF | | \$1.85 | \$17,770 | | | \$17,770 | | | | | | | | | | \$17,770 | | | | | | | | | \$35,539 |
| C2030 | 4578057 | Flooring, any surface, w/ Epoxy Coating, Prep & Paint | 10 | 6 | 4 | 6992 | SF | | \$14.81 | \$103,538 | | | | \$103,538 | | | | | | | | | | \$103,538 | | | | | | | | \$207,075 |
| C2050 | 4578072 | Ceiling Finishes, any flat surface, Prep & Paint | 10 | 6 | 4 | 7492 | SF | | \$2.47 | \$18,490 | | | | \$18,490 | | | | | | | | | | \$18,490 | | | | | | | | \$36,981 |

Replacement Reserves Report



2/16/2023

| Uniformat Code | ID | Cost Description | Lifespan (EUL) | EAge | RUL | Quantity | Unit | Unit Cost | *Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate |
|---|---------|--|----------------|------|-----|----------|------|------------|-----------|------|------|----------|----------|-----------|----------|-------------|------|------|------|---------|-----------|----------|----------|-----------|------|-----------|----------|------|------|------|----------------------------|
| D2010 | 4578075 | Urinal, Standard, Replace | 30 | 14 | 16 | 4 | EA | \$1,357.40 | \$5,430 | | | | | | | | | | | | | | | | | \$5,430 | | | | | \$5,430 |
| D2010 | 4578061 | Shower, Ceramic Tile, Replace | 30 | 14 | 16 | 4 | EA | \$3,085.00 | \$12,340 | | | | | | | | | | | | | | | | | \$12,340 | | | | | \$12,340 |
| D2010 | 4578055 | Sink/Lavatory, Wall-Hung, Vitreous China, Replace | 30 | 14 | 16 | 2 | EA | \$1,851.00 | \$3,702 | | | | | | | | | | | | | | | | | \$3,702 | | | | | \$3,702 |
| D2010 | 4578065 | Toilet, Commercial Water Closet, Replace | 30 | 14 | 16 | 12 | EA | \$1,604.20 | \$19,250 | | | | | | | | | | | | | | | | | \$19,250 | | | | | \$19,250 |
| D2010 | 4578056 | Sink/Lavatory, Trough Style, Solid Surface, Replace | 30 | 14 | 16 | 4 | EA | \$3,085.00 | \$12,340 | | | | | | | | | | | | | | | | | \$12,340 | | | | | \$12,340 |
| D3030 | 4578077 | Split System Ductless, Single Zone, Replace | 15 | 13 | 2 | 2 | EA | \$7,527.40 | \$15,055 | | | \$15,055 | | | | | | | | | | | | | | \$15,055 | | | | | \$30,110 |
| D3060 | 4578058 | Exhaust Fan, Centrifugal, 36"Damper, Replace | 25 | 14 | 11 | 1 | EA | \$6,910.40 | \$6,910 | | | | | | | | | | | \$6,910 | | | | | | | | | | | \$6,910 |
| D3060 | 4578068 | Exhaust Fan, Centrifugal, 16" Damper, Replace | 25 | 14 | 11 | 2 | EA | \$2,961.60 | \$5,923 | | | | | | | | | | | \$5,923 | | | | | | | | | | | \$5,923 |
| D4010 | 5271903 | Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 40 | 35 | 5 | 7492 | SF | \$3.70 | \$27,735 | | | | | | \$27,735 | | | | | | | | | | | | | | | | \$27,735 |
| D5040 | 4578073 | Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures, Replace | 20 | 14 | 6 | 7492 | SF | \$5.55 | \$41,603 | | | | | | | \$41,603 | | | | | | | | | | | | | | | \$41,603 |
| D7050 | 4578060 | Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 20 | 14 | 6 | 7492 | SF | \$1.85 | \$13,868 | | | | | | | \$13,868 | | | | | | | | | | | | | | | \$13,868 |
| G4050 | 4578074 | Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace | 20 | 14 | 6 | 6 | EA | \$493.60 | \$2,962 | | | | | | | \$2,962 | | | | | | | | | | | | | | | \$2,962 |
| Totals, Unescalated | | | | | | | | | | \$0 | \$0 | \$34,657 | \$17,770 | \$122,028 | \$27,735 | \$995,655 | \$0 | \$0 | \$0 | \$0 | \$143,583 | \$19,602 | \$17,770 | \$122,028 | \$0 | \$87,120 | \$15,055 | \$0 | \$0 | \$0 | \$1,603,003 |
| Totals, Escalated (3.0% inflation, compounded annually) | | | | | | | | | | \$0 | \$0 | \$36,767 | \$19,417 | \$137,343 | \$32,153 | \$1,188,865 | \$0 | \$0 | \$0 | \$0 | \$198,753 | \$27,948 | \$26,095 | \$184,578 | \$0 | \$139,803 | \$24,883 | \$0 | \$0 | \$0 | \$2,016,606 |

Mathson Institute of Technology/Renaissance II / Multi Use/Cafeteria Building

| Item ID | Cost Description | Lifespan (EUL) | EA | RUL | Quantity | Unit | Unit Cost | * Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate |
|---------|--|----------------|----|-----|----------|------|-------------|------------|------|----------|------|----------|----------|----------|----------|------|------|------|---------|-----------|------|----------|----------|-----------|----------|------|------|----------|------|----------------------------|
| B2010 | 4589952 Exterior Walls, any painted surface, Prep & Paint | 10 | 7 | 3 | 6996 | SF | \$3.70 | \$25,899 | | | | \$25,899 | | | | | | | | | | \$25,899 | | | | | | | | \$51,798 |
| B2020 | 4589943 Window, Steel, up to 15 SF, Replace | 30 | 14 | 16 | 9 | EA | \$1,357.40 | \$12,217 | | | | | | | | | | | | | | | | \$12,217 | | | | | | \$12,217 |
| B2020 | 4589951 Storefront, Glazing & Framing, Replace | 30 | 14 | 16 | 420 | SF | \$67.87 | \$28,505 | | | | | | | | | | | | | | | | \$28,505 | | | | | | \$28,505 |
| B3010 | 4589935 Roofing, Built-Up, Replace | 25 | 14 | 11 | 10215 | SF | \$17.28 | \$176,474 | | | | | | | | | | | | \$176,474 | | | | | | | | | | \$176,474 |
| C1070 | 4589969 Suspended Ceilings, Hard Tile, Replacement w/ ACT, Replace | 25 | 14 | 11 | 6388 | SF | \$4.32 | \$27,590 | | | | | | | | | | | | \$27,590 | | | | | | | | | | \$27,590 |
| C1070 | 4589964 Suspended Ceilings, Acoustical Tile (ACT), Replace | 25 | 14 | 11 | 2000 | SF | \$4.32 | \$8,638 | | | | | | | | | | | | \$8,638 | | | | | | | | | | \$8,638 |
| C2010 | 4589947 Wall Finishes, Laminated Paneling (FRP), Replace | 30 | 14 | 16 | 12000 | SF | \$19.74 | \$236,928 | | | | | | | | | | | | | | | | \$236,928 | | | | | | \$236,928 |
| C2030 | 4589948 Flooring, Vinyl Tile (VCT), Replace | 15 | 10 | 5 | 6788 | SF | \$6.17 | \$41,882 | | | | | | \$41,882 | | | | | | | | | | | | | | \$41,882 | | \$41,882 |
| C2030 | 4589955 Flooring, Carpet, Commercial Standard, Replace | 10 | 9 | 1 | 1600 | SF | \$9.26 | \$14,808 | | \$14,808 | | | | | | | | | | \$14,808 | | | | | | | | | | \$14,808 |
| D1010 | 4589926 Vertical Lift, Wheelchair, 5' Rise, Renovate | 25 | 14 | 11 | 1 | EA | \$20,978.00 | \$20,978 | | | | | | | | | | | | \$20,978 | | | | | | | | | | \$20,978 |
| D2010 | 4589967 Water Heater, Gas, Commercial (400 MBH), Replace | 20 | 14 | 6 | 1 | EA | \$27,148.00 | \$27,148 | | | | | | | \$27,148 | | | | | | | | | | | | | | | \$27,148 |
| D2010 | 4589973 Drinking Fountain, Wall-Mounted, Single-Level, Replace | 15 | 5 | 10 | 1 | EA | \$1,480.80 | \$1,481 | | | | | | | | | | | \$1,481 | | | | | | | | | | | \$1,481 |
| D3050 | 4589934 Packaged Unit, RTU, Pad or Roof-Mounted, Replace | 20 | 14 | 6 | 1 | EA | \$49,360.00 | \$49,360 | | | | | | | \$49,360 | | | | | | | | | | | | | | | \$49,360 |
| D3050 | 4589972 HVAC System, Ductwork, Medium Density, Replace | 30 | 14 | 16 | 8388 | SF | \$4.94 | \$41,403 | | | | | | | | | | | | | | | | | \$41,403 | | | | | \$41,403 |
| D3060 | 4589941 Exhaust Fan, Centrifugal, 16" Damper, Replace | 25 | 14 | 11 | 2 | EA | \$2,961.60 | \$5,923 | | | | | | | | | | | | \$5,923 | | | | | | | | | | \$5,923 |
| D3060 | 4589971 Exhaust Fan, Centrifugal, 36" Damper, Replace | 25 | 14 | 11 | 1 | EA | \$6,910.40 | \$6,910 | | | | | | | | | | | | \$6,910 | | | | | | | | | | \$6,910 |
| D4010 | 5271904 Fire Suppression System, Full System Install/Retrofit, Low Density/Complexity, Install | 40 | 35 | 5 | 8388 | SF | \$3.70 | \$31,052 | | | | | | \$31,052 | | | | | | | | | | | | | | | | \$31,052 |
| D4030 | 4589957 Fire Extinguisher, Wet Chemical/CO2, Replace | 10 | 6 | 4 | 4 | EA | \$370.20 | \$1,481 | | | | | \$1,481 | | | | | | | | | \$1,481 | | | | | | | | \$1,481 |
| D5020 | 4589968 Secondary Transformer, Dry, Stepdown, Replace | 30 | 14 | 16 | 1 | EA | \$19,744.00 | \$19,744 | | | | | | | | | | | | | | | | | \$19,744 | | | | | \$19,744 |
| D5040 | 4589966 Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures, Replace | 20 | 9 | 11 | 8388 | SF | \$5.55 | \$46,579 | | | | | | | | | | | | \$46,579 | | | | | | | | | | \$46,579 |
| D7050 | 4589953 Fire Alarm Panel, Fully Addressable, Replace | 15 | 10 | 5 | 1 | EA | \$18,510.00 | \$18,510 | | | | | | \$18,510 | | | | | | | | | | | | | | \$18,510 | | \$18,510 |
| D7050 | 4589945 Fire Alarm System, Full System Upgrade, Basic/Zoned, Upgrade/Install | 20 | 9 | 11 | 8388 | SF | \$1.85 | \$15,526 | | | | | | | | | | | | \$15,526 | | | | | | | | | | \$15,526 |
| E1030 | 4589949 Foodservice Equipment, Steamer, Freestanding, Replace | 10 | 6 | 4 | 1 | EA | \$12,957.00 | \$12,957 | | | | | \$12,957 | | | | | | | | | | \$12,957 | | | | | | | \$12,957 |
| E1030 | 4589962 Foodservice Equipment, Convection Oven, Double, Replace | 10 | 6 | 4 | 1 | EA | \$11,723.00 | \$11,723 | | | | | \$11,723 | | | | | | | | | | \$11,723 | | | | | | | \$11,723 |
| E1030 | 4589970 Foodservice Equipment, Convection Oven, Double, Replace | 10 | 6 | 4 | 1 | EA | \$11,723.00 | \$11,723 | | | | | \$11,723 | | | | | | | | | | \$11,723 | | | | | | | \$11,723 |
| E1030 | 4589958 Foodservice Equipment, Refrigerator, 1-Door Reach-In, Replace | 15 | 9 | 6 | 1 | EA | \$3,331.80 | \$3,332 | | | | | | | \$3,332 | | | | | | | | | | | | | | | \$3,332 |
| E1030 | 4589936 Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels, Replace | 15 | 9 | 6 | 1 | EA | \$2,097.80 | \$2,098 | | | | | | | \$2,098 | | | | | | | | | | | | | | | \$2,098 |
| E1030 | 4589946 Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer, Replace | 15 | 9 | 6 | 1 | EA | \$7,774.20 | \$7,774 | | | | | | | \$7,774 | | | | | | | | | | | | | | | \$7,774 |
| E1030 | 4589944 Foodservice Equipment, Freezer, 2-Door Reach-In, Replace | 15 | 9 | 6 | 1 | EA | \$6,293.40 | \$6,293 | | | | | | | \$6,293 | | | | | | | | | | | | | | | \$6,293 |
| E1030 | 4589956 Foodservice Equipment, Refrigerator, 1-Door Reach-In, Replace | 15 | 9 | 6 | 1 | EA | \$3,331.80 | \$3,332 | | | | | | | \$3,332 | | | | | | | | | | | | | | | \$3,332 |
| E1030 | 4589961 Foodservice Equipment, Refrigerator, 1-Door Reach-In, Replace | 15 | 9 | 6 | 1 | EA | \$3,331.80 | \$3,332 | | | | | | | \$3,332 | | | | | | | | | | | | | | | \$3,332 |
| E1030 | 4589933 Foodservice Equipment, Freezer, 2-Door Reach-In, Replace | 15 | 9 | 6 | 1 | EA | \$6,293.40 | \$6,293 | | | | | | | \$6,293 | | | | | | | | | | | | | | | \$6,293 |
| E1030 | 4589930 Foodservice Equipment, Walk-In, Refrigerator, Replace | 20 | 14 | 6 | 1 | EA | \$18,510.00 | \$18,510 | | | | | | | \$18,510 | | | | | | | | | | | | | | | \$18,510 |

Replacement Reserves Report



2/16/2023

| Unif | mat Code | ID | Cost Description | Lifespan (EUL) | EA | Age | RUL | Quantity | Unit | Unit Cost * | Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate |
|---|----------|----|---|----------------|----|-----|-----|----------|------|-------------|----------|------|----------|------|----------|----------|-----------|-----------|------|------|------|---------|-----------|------|----------|----------|------|-----------|------|------|------|-----------|----------------------------|
| E1030 | 4589942 | | Foodservice Equipment, Freezer, 2-Door Reach-In, Replace | 15 | | 9 | 6 | 1 | EA | \$6,293.40 | \$6,293 | | | | | | | \$6,293 | | | | | | | | | | | | | | | \$6,293 |
| E1030 | 4589929 | | Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels, Replace | 15 | | 9 | 6 | 1 | EA | \$2,097.80 | \$2,098 | | | | | | | \$2,098 | | | | | | | | | | | | | | | \$2,098 |
| E1030 | 4589927 | | Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace | 15 | | 9 | 6 | 1 | EA | \$5,676.40 | \$5,676 | | | | | | | \$5,676 | | | | | | | | | | | | | | | \$5,676 |
| E1030 | 4589931 | | Foodservice Equipment, Freezer, 2-Door Reach-In, Replace | 15 | | 9 | 6 | 1 | EA | \$6,293.40 | \$6,293 | | | | | | | \$6,293 | | | | | | | | | | | | | | | \$6,293 |
| E1030 | 4589932 | | Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels, Replace | 15 | | 9 | 6 | 1 | EA | \$2,097.80 | \$2,098 | | | | | | | \$2,098 | | | | | | | | | | | | | | | \$2,098 |
| E1030 | 4589939 | | Foodservice Equipment, Refrigerator, 2-Door Reach-In, Replace | 15 | | 9 | 6 | 1 | EA | \$5,676.40 | \$5,676 | | | | | | | \$5,676 | | | | | | | | | | | | | | | \$5,676 |
| E1030 | 4589965 | | Foodservice Equipment, Freezer, 2-Door Reach-In, Replace | 15 | | 9 | 6 | 1 | EA | \$6,293.40 | \$6,293 | | | | | | | \$6,293 | | | | | | | | | | | | | | | \$6,293 |
| E1030 | 4589960 | | Foodservice Equipment, Exhaust Hood, 8 to 10 LF, Replace | 15 | | 9 | 6 | 1 | EA | \$5,553.00 | \$5,553 | | | | | | | \$5,553 | | | | | | | | | | | | | | | \$5,553 |
| E1030 | 4589959 | | Foodservice Equipment, Refrigerator, 1-Door Reach-In, Replace | 15 | | 9 | 6 | 1 | EA | \$3,331.80 | \$3,332 | | | | | | | \$3,332 | | | | | | | | | | | | | | | \$3,332 |
| G4050 | 4589954 | | Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace | 20 | | 14 | 6 | 6 | EA | \$493.60 | \$2,962 | | | | | | | \$2,962 | | | | | | | | | | | | | | | \$2,962 |
| Totals, Unescalated | | | | | | | | | | | | \$0 | \$14,808 | \$0 | \$25,899 | \$37,884 | \$91,444 | \$173,747 | \$0 | \$0 | \$0 | \$1,481 | \$323,426 | \$0 | \$25,899 | \$37,884 | \$0 | \$338,797 | \$0 | \$0 | \$0 | \$60,392 | \$1,131,662 |
| Totals, Escalated (3.0% inflation, compounded annually) | | | | | | | | | | | | \$0 | \$15,252 | \$0 | \$28,301 | \$42,639 | \$106,009 | \$207,463 | \$0 | \$0 | \$0 | \$1,990 | \$447,698 | \$0 | \$38,034 | \$57,303 | \$0 | \$543,670 | \$0 | \$0 | \$0 | \$109,075 | \$1,597,433 |

Mathson Institute of Technology/Renaissace II / Site

| Unif | mat Code | ID | Cost Description | Lifespan (EUL) | EA | Age | RUL | Quantity | Unit | Unit Cost * | Subtotal | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | Deficiency Repair Estimate | | | |
|---|----------|----|---|----------------|----|-----|-----|----------|------|-------------|-----------|------|------|-----------|------|------|------|----------|-----------|------|------|------|-------------|-----------|----------|------|------|----------|-----------|----------|----------|------|----------------------------|-----------|-----------|--|
| F1020 | 4589772 | | Shed/Gazebo/Shade Structure, Wood or Metal-Framed, Basic/Minimal, Replace | 30 | | 14 | 16 | 1250 | SF | \$30.85 | \$38,563 | | | | | | | | | | | | | | | | | \$38,563 | | | | | | \$38,563 | | |
| G2020 | 4589779 | | Parking Lots, Pavement, Asphalt, Seal & Stripe | 5 | | 3 | 2 | 62880 | SF | \$0.56 | \$34,917 | | | \$34,917 | | | | | \$34,917 | | | | | | \$34,917 | | | | | \$34,917 | | | | | \$139,669 | |
| G2020 | 4589741 | | Parking Lots, Pavement, Asphalt, Mill & Overlay | 25 | | 14 | 11 | 62880 | SF | \$4.32 | \$271,579 | | | | | | | | | | | | \$271,579 | | | | | | | | | | | \$271,579 | | |
| G2050 | 4589770 | | Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Seal & Stripe | 5 | | 3 | 2 | 108500 | SF | \$0.56 | \$60,250 | | | \$60,250 | | | | | \$60,250 | | | | | \$60,250 | | | | | | \$60,250 | | | | | \$241,000 | |
| G2050 | 4589777 | | Sports Apparatus, Basketball, Backboard/Rim/Pole, Replace | 25 | | 14 | 11 | 9 | EA | \$11,723.00 | \$105,507 | | | | | | | | | | | | \$105,507 | | | | | | | | | | | \$105,507 | | |
| G2050 | 4589744 | | Athletic Surfaces & Courts, Basketball/General, Asphalt Pavement, Mill & Overlay | 25 | | 14 | 11 | 108500 | SF | \$4.32 | \$468,612 | | | | | | | | | | | | \$468,612 | | | | | | | | | | | \$468,612 | | |
| G2050 | 4589771 | | Play Structure, Multipurpose, Small, Replace | 20 | | 14 | 6 | 1 | EA | \$12,340.00 | \$12,340 | | | | | | | \$12,340 | | | | | | | | | | | | | | | | \$12,340 | | |
| G2060 | 4589762 | | Picnic Table, Metal Powder-Coated, Replace | 20 | | 9 | 11 | 15 | EA | \$863.80 | \$12,957 | | | | | | | | | | | | \$12,957 | | | | | | | | | | | \$12,957 | | |
| G2060 | 4589780 | | Park Bench, Metal Powder-Coated, Replace | 20 | | 9 | 11 | 12 | EA | \$863.80 | \$10,366 | | | | | | | | | | | | \$10,366 | | | | | | | | | | | \$10,366 | | |
| G2060 | 4589784 | | Flagpole, Metal, Replace | 30 | | 14 | 16 | 1 | EA | \$3,085.00 | \$3,085 | | | | | | | | | | | | | | | | | \$3,085 | | | | | | \$3,085 | | |
| G2060 | 4589773 | | Signage, Property, Pylon Robust/Electronic Programmable, Replace/Install | 20 | | 1 | 19 | 1 | EA | \$30,850.00 | \$30,850 | | | | | | | | | | | | | | | | | | | | \$30,850 | | | \$30,850 | | |
| G4050 | 4589783 | | Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, Replace/Install | 20 | | 9 | 11 | 12 | EA | \$4,936.00 | \$59,232 | | | | | | | | | | | | \$59,232 | | | | | | | | | | | \$59,232 | | |
| Totals, Unescalated | | | | | | | | | | | | \$0 | \$0 | \$95,167 | \$0 | \$0 | \$0 | \$12,340 | \$95,167 | \$0 | \$0 | \$0 | \$928,252 | \$95,167 | \$0 | \$0 | \$0 | \$41,648 | \$95,167 | \$0 | \$30,850 | \$0 | \$1,393,759 | | | |
| Totals, Escalated (3.0% inflation, compounded annually) | | | | | | | | | | | | \$0 | \$0 | \$100,963 | \$0 | \$0 | \$0 | \$14,735 | \$117,044 | \$0 | \$0 | \$0 | \$1,284,918 | \$135,686 | \$0 | \$0 | \$0 | \$66,832 | \$157,297 | \$0 | \$54,096 | \$0 | \$1,931,570 | | | |

Appendix F:

Equipment Inventory List

| D10 Conveying | | | | | | | | | | | | | |
|---------------|---------|--------|----------------------------------|-------------------------------|---------------|--|-----------------|--------------|--------------------|----------------------------------|--------------|----------|-----|
| Index | ID | UFCode | Component Description Attributes | | Capacity | Building | Location Detail | Manufacturer | Model | Serial | Dataplate Yr | Barcode | Qty |
| 1 | 4589926 | D1010 | Vertical Lift | Wheelchair, 5' Rise | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Elevator | Porch-Lift | No tag/plate found | | 2009 | 19003519 | |
| D20 Plumbing | | | | | | | | | | | | | |
| Index | ID | UFCode | Component Description Attributes | | Capacity | Building | Location Detail | Manufacturer | Model | Serial | Dataplate Yr | Barcode | Qty |
| 1 | 4589807 | D2010 | Water Heater | Electric, Commercial (12 kW) | 20 GAL | Mathson Institute of Technology/Renaissace II / Buildings B & C | Storage room | A. O. Smith | PROE20 1 RH | M101712923 | 2009 | 19003563 | |
| 2 | 4589967 | D2010 | Water Heater | Gas, Commercial (400 MBH) | 100 - 199 GAL | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Electrical room | A. O. Smith | BTH 300A 100 | 0917M001516 | 2009 | 19003531 | |
| D30 HVAC | | | | | | | | | | | | | |
| Index | ID | UFCode | Component Description Attributes | | Capacity | Building | Location Detail | Manufacturer | Model | Serial | Dataplate Yr | Barcode | Qty |
| 1 | 4589876 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | E3 | Airedale | CHH4/2-460/410 | 713400S110500355111209-410616504 | 2009 | 19003596 | |
| 2 | 4589825 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | B1 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4097 | 2009 | 19003517 | |
| 3 | 4589851 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | E1 & E2 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4104 | 2009 | 19003598 | |
| 4 | 4589836 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | B3 | Airedale | CHH5/2-460/410 | 713400S110500355111209-413116504 | 2009 | 19003562 | |
| 5 | 4589811 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | C1 | Changeair | No tag/plate found | | 2009 | 19003535 | |
| 6 | 4589829 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | B2 | Airedale | CHH5/2-460/410 | 713400S110500355111209-4130 | 2009 | 19003522 | |
| 7 | 4589816 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | C3 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4100 | 2009 | 19003510 | |
| 8 | 4589868 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | D2 | Airedale | CHH4/2-460/410 | 713400S110500355111209-410516504 | 2009 | 19003564 | |
| 9 | 4589859 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | E5 | Airedale | CHH4/2-460/410 | 713400S110500355111209-411016504 | 2009 | 19003566 | |
| 10 | 4589860 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | D4 | Airedale | CHH4/2-460/410 | 713400S110500355111209-410916504 | 2009 | 19003567 | |
| 11 | 4589819 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | C4 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4101 | 2009 | 19003509 | |
| 12 | 4589874 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | E1 & E2 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4102 | 2009 | 19003597 | |
| 13 | 4589883 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | G5 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4113 | 2009 | 19003581 | |
| 14 | 4589839 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | B4 | Airedale | CHH5/2-460/410 | 713400S110500355111209-413216504 | 2009 | 19003521 | |

| | | | | | | | | | | | | |
|----|---------|-------|--------------------|-------------------------|-------------|---|------------|----------|----------------|--------------------------------------|------|----------|
| 15 | 4589852 | D3030 | Heat Pump | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | E4 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4108 | 2009 | 19003545 |
| 16 | 4589781 | D3030 | Heat Pump [HP1-1] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Administration Building | Staff room | Airedale | CHH3/2-460/410 | 713400S110500355111209-4096 | 2009 | 19003548 |
| 17 | 4589847 | D3030 | Heat Pump [HP2-11] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | D3 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4107 | 2009 | 19003565 |
| 18 | 4589908 | D3030 | Heat Pump [HP2-16] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F5 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4112 | 2009 | 19003556 |
| 19 | 4589911 | D3030 | Heat Pump [HP2-18] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F6 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4114 | 2009 | 19003557 |
| 20 | 4589924 | D3030 | Heat Pump [HP2-19] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | G6 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4115 | 2009 | 19003582 |
| 21 | 4589920 | D3030 | Heat Pump [HP2-20] | Packaged & Wall-Mounted | 3.5 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F7 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4116 | 2009 | 19003558 |
| 22 | 4589880 | D3030 | Heat Pump [HP2-21] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | G7 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4117 | 2009 | 19003543 |
| 23 | 4589915 | D3030 | Heat Pump [HP2-22] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F8 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4118 | 2009 | 19003559 |
| 24 | 4589892 | D3030 | Heat Pump [HP2-23] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | G8 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4119 | 2009 | 19003542 |
| 25 | 4589902 | D3030 | Heat Pump [HP2-24] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F9 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4120 16504 | 2009 | 19003560 |
| 26 | 4589893 | D3030 | Heat Pump [HP2-25] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | G4 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4121 | 2009 | 19003551 |
| 27 | 4589861 | D3030 | Heat Pump [HP2-25] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | D5 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4111 | 2009 | 19003568 |
| 28 | 4589881 | D3030 | Heat Pump [HP2-26] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F4 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4122 16504 | 2009 | 19003583 |
| 29 | 4589904 | D3030 | Heat Pump [HP2-27] | Packaged & Wall-Mounted | 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | G3 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4123 | 2009 | 19003552 |
| 30 | 4589905 | D3030 | Heat Pump [HP2-28] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F3 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4124 | 2009 | 19003550 |
| 31 | 4589890 | D3030 | Heat Pump [HP2-29] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | G2 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4125 | 2009 | 19003553 |
| 32 | 4589844 | D3030 | Heat Pump [HP2-3] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | C2 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4099 | 2009 | 19003573 |
| 33 | 4589884 | D3030 | Heat Pump [HP2-30] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F2 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4126 16504 | 2009 | 19003549 |
| 34 | 4589899 | D3030 | Heat Pump [HP2-31] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | G1 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4127 | 2009 | 19003554 |

| | | | | | | | | | | | | |
|----|---------|-------|--------------------------------------|--------------------------|----------------|--|------|--------------------|-------------------|----------------------------------|------|----------|
| 35 | 4589918 | D3030 | Heat Pump [HP2-32] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | F1 | Airedale | CHH4/2-460/410 | 713400S110500355111209-412816504 | 2009 | 19003555 |
| 36 | 4589879 | D3030 | Heat Pump [HP2-7] | Packaged & Wall-Mounted | 3.5 - 4 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | D1 | Airedale | CHH4/2-460/410 | 713400S110500355111209-4103 | 2009 | 19003576 |
| 37 | 4589817 | D3030 | Split System Ductless | Single Zone | 2.5 - 3 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | Roof | Illegible | | | 2009 | 19003546 |
| 38 | 4578077 | D3030 | Split System Ductless | Single Zone | 2.5 - 3 TON | Mathson Institute of Technology/Renaissace II / Locker Room Building | Roof | | | | 2009 | 2 |
| 39 | 4589776 | D3030 | Split System Ductless [CU-A1] | Single Zone | 1.5 TON | Mathson Institute of Technology/Renaissace II / Administration Building | Roof | Carrier | 38MVC018---3 | 1708V16199 | 2009 | 19003506 |
| 40 | 4589759 | D3030 | Split System Ductless [CU-A2] | Single Zone | 2.5 TON | Mathson Institute of Technology/Renaissace II / Administration Building | Roof | Carrier | 38WDF030-301 | 1309X92228 | 2009 | 19003502 |
| 41 | 4589845 | D3030 | Split System Ductless [CU-D1] | Single Zone | 2.5 - 3 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | Roof | Illegible | | | 2009 | 19003516 |
| 42 | 4589813 | D3030 | Split System Ductless [CU-D2] | Single Zone | 2.5 - 3 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | Roof | Illegible | | | 2009 | 19003561 |
| 43 | 4589824 | D3030 | Split System Ductless [CU-D4] | Single Zone | 1.5 - 2 TON | Mathson Institute of Technology/Renaissace II / Buildings B & C | Roof | Carrier | 38MVC018-1- | 1708V16361 | 2009 | 19003569 |
| 44 | 4589849 | D3030 | Split System Ductless [CU-E1] | Single Zone | 1.5 - 2 TON | Mathson Institute of Technology/Renaissace II / Buildings D & E | Roof | Carrier | 3811VC018 | 1708V16362 | 2009 | 19003512 |
| 45 | 4589900 | D3030 | Split System Ductless [CU-F1] | Single Zone | 2 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | Roof | Carrier | 8MVQ024---301- | 3313V09872 | 2013 | 19003511 |
| 46 | 4589888 | D3030 | Split System Ductless [CU-F2] | Single Zone | 2.5 - 3 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | Roof | Carrier | Illegible | | 2009 | 19003572 |
| 47 | 4589898 | D3030 | Split System Ductless [CU-F3] | Single Zone | 1.5 - 2 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | Roof | Carrier | 38MVC018---3 | 1708V16266 | 2009 | 19003607 |
| 48 | 4589903 | D3030 | Split System Ductless [CU-G1] | Single Zone | 2 TON | Mathson Institute of Technology/Renaissace II / Buildings F & G | Roof | Carrier | Illegible | | 2009 | 19003503 |
| 49 | 4589758 | D3050 | Packaged Unit [AC-A1] | RTU, Pad or Roof-Mounted | 4 TON | Mathson Institute of Technology/Renaissace II / Administration Building | Roof | Trane | YHC048EARLACC0U | 925100304L | 2009 | 19003507 |
| 50 | 4589769 | D3050 | Packaged Unit [AC-A2] | RTU, Pad or Roof-Mounted | 5 TON | Mathson Institute of Technology/Renaissace II / Administration Building | Roof | Trane | YHC060E4RLAD00LA | 9271003091 | 2009 | 19003605 |
| 51 | 4589934 | D3050 | Packaged Unit [AC-B1] | RTU, Pad or Roof-Mounted | 16 - 20 TON | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Roof | Trane | YCH211E4L0AA 19VF | 928100504D | 2009 | 19003570 |
| 52 | 4589794 | D3050 | Packaged Unit [AC-C1] | RTU, Pad or Roof-Mounted | 5 TON | Mathson Institute of Technology/Renaissace II / Building A | Roof | Trane | YHC060E4RLA000U | 9271000121 | 2009 | 19003608 |
| 53 | 4589788 | D3050 | Packaged Unit [AC-C2] | RTU, Pad or Roof-Mounted | 5 TON | Mathson Institute of Technology/Renaissace II / Building A | Roof | Trane | YHC060E4RLA000U. | 927100321L | 2009 | 19003610 |
| 54 | 4589832 | D3060 | Exhaust Fan | Centrifugal, 12" Damper | 100 - 1000 CFM | Mathson Institute of Technology/Renaissace II / Buildings B & C | Roof | No tag/plate found | | | 2009 | 2 |

| | | | | | | | | | | | | | | |
|---------------------|---------|--------|---|-------------------------|------------------|--|---------------------|--------------------|--------------------|--------|--|--------------|----------|-----|
| 55 | 4589757 | D3060 | Exhaust Fan | Centrifugal, 12" Damper | 100 - 1000 CFM | Mathson Institute of Technology/Renaissace II / Administration Building | Roof | | | | | 2009 | | 3 |
| 56 | 4589941 | D3060 | Exhaust Fan | Centrifugal, 16" Damper | 1001 - 2000 CFM | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Roof | | | | | 2009 | | 2 |
| 57 | 4589846 | D3060 | Exhaust Fan | Centrifugal, 16" Damper | 1001 - 2000 CFM | Mathson Institute of Technology/Renaissace II / Buildings D & E | Roof | CentriMaster | | | | 2009 | | 2 |
| 58 | 4578068 | D3060 | Exhaust Fan | Centrifugal, 16" Damper | 1001 - 2000 CFM | Mathson Institute of Technology/Renaissace II / Locker Room Building | Roof | | | | | 2009 | | 2 |
| 59 | 4589886 | D3060 | Exhaust Fan | Centrifugal, 16" Damper | 100 - 1000 CFM | Mathson Institute of Technology/Renaissace II / Buildings F & G | Roof | No tag/plate found | | | | 2009 | | 2 |
| 60 | 4578058 | D3060 | Exhaust Fan | Centrifugal, 36"Damper | 8501 - 15000 CFM | Mathson Institute of Technology/Renaissace II / Locker Room Building | Roof | | | | | 2009 | | |
| 61 | 4589795 | D3060 | Exhaust Fan | Centrifugal, 36"Damper | 8501 - 15000 CFM | Mathson Institute of Technology/Renaissace II / Building A | RM A1 | No tag/plate found | No tag/plate found | | | 2009 | 19003585 | |
| 62 | 4589971 | D3060 | Exhaust Fan | Centrifugal, 36"Damper | 8501 - 15000 CFM | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Roof | | | | | 2009 | | |
| D40 Fire Protection | | | | | | | | | | | | | | |
| Index | ID | UFCode | Component Description Attributes | | Capacity | Building | Location Detail | Manufacturer | Model | Serial | | Dataplate Yr | Barcode | Qty |
| 1 | 4589882 | D4030 | Fire Extinguisher | Wet Chemical/CO2 | | Mathson Institute of Technology/Renaissace II / Buildings F & G | Throughout building | | | | | | | 19 |
| 2 | 4589957 | D4030 | Fire Extinguisher | Wet Chemical/CO2 | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Throughout building | | | | | | | 4 |
| 3 | 4589873 | D4030 | Fire Extinguisher | Wet Chemical/CO2 | | Mathson Institute of Technology/Renaissace II / Buildings D & E | Throughout building | | | | | | | 12 |
| 4 | 4589751 | D4030 | Fire Extinguisher | Wet Chemical/CO2 | | Mathson Institute of Technology/Renaissace II / Administration Building | Throughout building | | | | | | | 6 |
| 5 | 4589818 | D4030 | Fire Extinguisher | Wet Chemical/CO2 | | Mathson Institute of Technology/Renaissace II / Buildings B & C | Throughout building | | | | | | | 10 |
| D50 Electrical | | | | | | | | | | | | | | |
| Index | ID | UFCode | Component Description Attributes | | Capacity | Building | Location Detail | Manufacturer | Model | Serial | | Dataplate Yr | Barcode | Qty |
| 1 | 4589856 | D5020 | Secondary Transformer | Dry, Stepdown | 75 KVA | Mathson Institute of Technology/Renaissace II / Buildings D & E | Electrical room | Square D | | | | 2009 | 19003577 | |
| 2 | 4589768 | D5020 | Secondary Transformer [Transformer #1] | Dry, Stepdown | 75 KVA | Mathson Institute of Technology/Renaissace II / Administration Building | Electrical room | Square D | | | | 2009 | 19025868 | |
| 3 | 4589968 | D5020 | Secondary Transformer [Transformer #2] | Dry, Stepdown | 112.5 KVA | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Electrical room | Square D | | | | 2009 | 19003526 | |
| 4 | 4589792 | D5020 | Secondary Transformer [Transformer #3] | Dry, Stepdown | 75 KVA | Mathson Institute of Technology/Renaissace II / Building A | RM A1 | Square D | | | | 2009 | 19003606 | |
| 5 | 4589831 | D5020 | Secondary Transformer [Transformer #4] | Dry, Stepdown | 112.5 KVA | Mathson Institute of Technology/Renaissace II / Buildings B & C | Electrical room | Square D | | | | 2009 | 19003536 | |
| 6 | 4589910 | D5020 | Secondary Transformer [Transformer #6] | Dry, Stepdown | 75 KVA | Mathson Institute of Technology/Renaissace II / Buildings F & G | Electrical room | Square D | | | | 2009 | 19003579 | |

| | | | | | | | | | | | | | |
|----------------------------------|---------|--------|------------------------|---|----------|---|-----------------|--------------------------|--------------------|-----------|--------------|----------|-----|
| 7 | 4589950 | D5020 | Switchboard | 277/480 V | 1600 AMP | Mathson Institute of Technology/Renaissace II / Multi Site Use/Cafeteria Building | | No tag/plate found | | | 2009 | 19003586 | |
| 8 | 4589916 | D5020 | Switchboard [Panel DP] | 120/208 V | 800 AMP | Mathson Institute of Technology/Renaissace II / Buildings F & G | Electrical room | IEM | No tag/plate found | | 2009 | 19003538 | |
| D70 Electronic Safety & Security | | | | | | | | | | | | | |
| Index | ID | UFCode | Component Description | Attributes | Capacity | Building | Location Detail | Manufacturer | Model | Serial | Dataplate Yr | Barcode | Qty |
| 1 | 4589953 | D7050 | Fire Alarm Panel | Fully Addressable | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Electrical room | Simplex | 4020 | | 2009 | 19003540 | |
| 2 | 4589923 | D7050 | Fire Alarm Panel | Multiplex | | Mathson Institute of Technology/Renaissace II / Buildings F & G | Electrical room | | | | 2009 | 19003580 | |
| 3 | 4589827 | D7050 | Fire Alarm Panel | Multiplex | | Mathson Institute of Technology/Renaissace II / Buildings B & C | Storage room | No tag/plate found | No tag/plate found | | 2009 | 19003505 | |
| 4 | 4589747 | D7050 | Fire Alarm Panel | Multiplex | | Mathson Institute of Technology/Renaissace II / Administration Building | Main office | Simplex | 4003-9302 | 42952506 | 2009 | 19003547 | |
| E10 Equipment | | | | | | | | | | | | | |
| Index | ID | UFCode | Component Description | Attributes | Capacity | Building | Location Detail | Manufacturer | Model | Serial | Dataplate Yr | Barcode | Qty |
| 1 | 4589962 | E1030 | Foodservice Equipment | Convection Oven, Double | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Montague | No tag/plate found | | | 19003539 | |
| 2 | 4589970 | E1030 | Foodservice Equipment | Convection Oven, Double | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Royalton | | | | 19003532 | |
| 3 | 4589960 | E1030 | Foodservice Equipment | Exhaust Hood, 8 to 10 LF | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | | | | 2009 | 19003518 | |
| 4 | 4589936 | E1030 | Foodservice Equipment | Food Warmer, Proofing Cabinet on Wheels | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Metro | C5 | 1 Series | 2009 | 19003603 | |
| 5 | 4589929 | E1030 | Foodservice Equipment | Food Warmer, Proofing Cabinet on Wheels | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Metro | C175 | | 2009 | 19003527 | |
| 6 | 4589932 | E1030 | Foodservice Equipment | Food Warmer, Proofing Cabinet on Wheels | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Metro | C175 | | | 19003501 | |
| 7 | 4589944 | E1030 | Foodservice Equipment | Freezer, 2-Door Reach-In | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | True Manufacturing Co | STG2F2S-HC | 10348360 | | 19003504 | |
| 8 | 4589933 | E1030 | Foodservice Equipment | Freezer, 2-Door Reach-In | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Traulsen | G22010 | T37697E13 | | 19003602 | |
| 9 | 4589942 | E1030 | Foodservice Equipment | Freezer, 2-Door Reach-In | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Traulsen | G22010 | T45623K18 | | 19003600 | |
| 10 | 4589931 | E1030 | Foodservice Equipment | Freezer, 2-Door Reach-In | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Traulsen | G22010 | T27431J09 | | 19003601 | |
| 11 | 4589965 | E1030 | Foodservice Equipment | Freezer, 2-Door Reach-In | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Traulsen | G22010 | T82892L14 | | 19003588 | |
| 12 | 4589958 | E1030 | Foodservice Equipment | Refrigerator, 1-Door Reach-In | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Beverage-Air Corporation | SM58N-W | | | 19003533 | |
| 13 | 4589956 | E1030 | Foodservice Equipment | Refrigerator, 1-Door Reach-In | | Mathson Institute of Technology/Renaissace II / Multi Use/Cafeteria Building | Kitchen | Beverage-Air Corporation | SM58HC-W | | | 19003524 | |

