

# FACILITY CONDITION ASSESSMENT



**BUREAU  
VERITAS**

*prepared for*

**Vermont Agency of Education\_FCA Phase Two  
1 National Life Drive, Davis 5  
Montpelier, VT 05620-2501**



**PREPARED BY:**

*Bureau Veritas  
6021 University Blvd., Suite 200  
Ellicott City, MD 21043  
800.733.0660  
[www.us.bureauveritas.com](http://www.us.bureauveritas.com)*

**BV PROJECT #:**

*158982.22R000-303.379*

**DATE OF REPORT:**

*September 21, 2023*

**ON SITE DATE:**

*August 22, 2023*

**SOUTH BURLINGTON HIGH SCHOOL - Main Building  
(PS272)  
550 Dorset Street  
S Burlington, VT 05403Z**

**Bureau Veritas**

6021 University Blvd., Suite 200 | Ellicott City, MD 21043 | [www.us.bureauveritas.com](http://www.us.bureauveritas.com) | p 800.733.0660

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# 1. Executive Summary

## Property Overview and Assessment Details

General Information	
<b>Property Type</b>	School
<b>School ID Number</b>	PS272
<b>Main Address</b>	550 Dorset Street, S Burlington, VT 05403Z
<b>E911 Address Verification</b>	Zip 05403-6296, Standardized, Fixed abbreviations, Matched Street and city and state, Confirmed entire address
<b>GPS Location (Verified E911)</b>	Main Building 44.46115, -73.18016
<b>Site Developed</b>	1960 Renovated: 1995
<b>Site Area</b>	36.2 acres (estimated)
<b>Parking Spaces</b>	318 total spaces all in open lots; 9 of which are accessible.
<b>Building Square Footage</b>	157,000 (Verified)
<b>Number of Stories</b>	2 above grade
<b>Supervisory Union/ District</b>	South Burlington SD
<b>Date(s) of Visit</b>	August 22, 2023

*Note: (Verified) in Square Foot signifies that the square footage of the facility has been verified to be accurate.*

## Significant/Systemic Findings and Deficiencies

### Historical Summary

The high school is on a shared site with the middle school. The stadium area was rebuilt in around 2010 to 2015. The school district attempted a Bond Referendum to replace both schools on the same property it did not pass.

### Architectural

The building has five floor levels because of the stairs in the design. The building is more likely three levels. The third floor is a locker room, storage rooms and mechanical space. The other floors are the classrooms, labs, library, gymnasiums, cafeteria, offices, and support areas. The exterior steel on the classroom wings is rusting and splitting. The windows on the two classroom wings have been replaced. Because of PCB in the caulking this was a four-year project with the remaining windows requiring replacement. Floors in the building have asbestos in the mastic which requires abatement. The exterior walls have a stone veneer and the caulk joints on this are failing. There are open spots in many areas around the building. Roof replacement is an ongoing expense because of the age and size of the building. The stadium complex has newer buildings all in good condition. The school is converting to carpet from VCT when replacement is required. The new hallway has raised bump vinyl which is in some other halls and stairs. The ceiling finishes show their age and replacement should be considered. Generally, the school does a good job at the finishes.

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

The mechanical equipment is end of life or nearing the end of life. The boilers are lower efficiency units and multiple smaller boilers could be installed. There are air handlers, RTUs and ductless mini-split systems in use. The equipment could be upgraded to a higher efficiency more reliable system. Electrical feed runs from the street under the school to the electrical room. During the elevator replacement project, the conduits were uncovered by accident. The school and utility are looking to reroute these around the building. The electrical distribution equipment is likely original and end of life. The same is true for most of the transformers and distribution panels. Many of the smaller transformers appear to have been overheated at some point when the paint blistered. The lighting has not been upgraded to LED, there are some areas that have a few LED fixtures. Distribution wiring is likely original and should be upgraded to the new computer environment. Plumbing leaks are starting to occur on the walls of the building. When these found that often include asbestos insulation that requires abatement. The water heaters are generally older, and replacement will be required. Plumbing fixtures could be upgraded to low flow. The sanitary and domestic piping should be replaced based on age and areas starting to have leaks. Locker rooms could be eliminated during this project. The two-pipe hydronic system could be upgraded. The school has just replaced many of the control valves. All janitor sinks should be checked for proper vacuum breakers. The building has a partial wet sprinkler system installed in the labs and library. The balance of the facility is protected with portable fire extinguishers. The building does have a complete fire alarm system with pull boxes.

### Site

The north parking lot that is shared with the middle school is failing and needs a mill and overlay. The school district is working on a storm water compliance plan that may locate tanks under this parking lot. The road around the building has failed. The south and east parking lots require crack fill, sealcoating, and striping. The Practice field lost the crown and did not drain, the baseball diamonds need to have the infield rejuvenated. The stadium lights need to be upgraded to LED. The exterior lights on the buildings should have the LED replacement completed. The only field that has partial irrigation is the area North of the stadium bleachers towards the baseball diamond east of the middle school. The stadium, ticket booth and restroom buildings are all new since 2011 and in good condition.

### Recommended Additional Studies

Potential minor to major issues has been identified at this property and a detailed accessibility study is recommended.

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

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

FCI Analysis			
<i>Replacement Value</i>	<i>Total SF</i>	<i>Cost/SF</i>	
\$39,250,000	157,000	\$250	
Current FCI		\$73,400	<b>0.2%</b>
3-Year		\$4,061,300	<b>10.3%</b>
5-Year		\$11,653,600	<b>29.7%</b>
10-Year		\$22,255,600	<b>56.7%</b>

### Facility Level FCI:

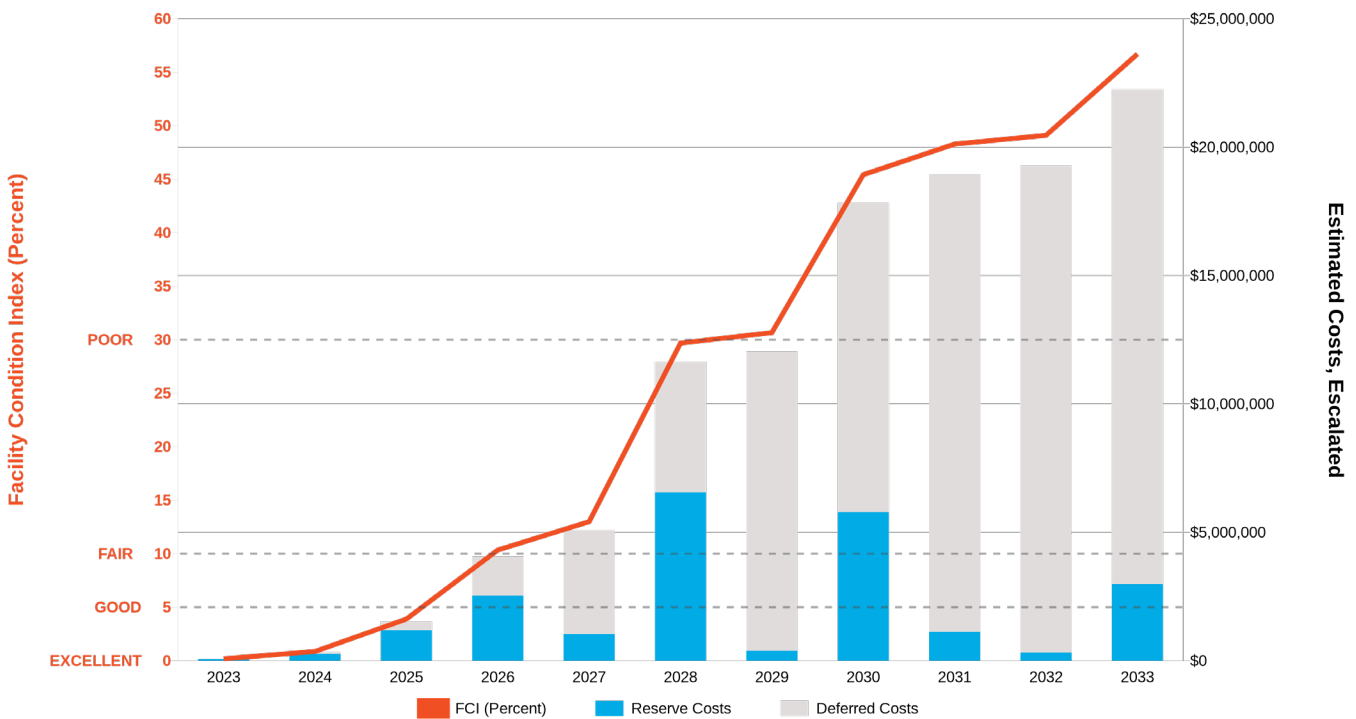
The orange line in the graph below forecasts what would happen to the FCI (left Y axis) over time, assuming zero capital expenditures. The capital expenditures allocated for each year (blue bars) are associated with the dollar amounts along the right Y axis. If the school expends the average amount per year to maintain and replace systems, they will not incur the capital debt represented by the gray bars.

### Needs by Year with Unaddressed FCI Over Time

Replacement Value: \$39,250,000.00

Inflation Rate: 3%

Average Needs (per year - over next 10 years): \$2,023,228.00



### Needs by Year with Unaddressed FCI Over Time (Table)

The above graph is a visual representation of the information contained in the table below.

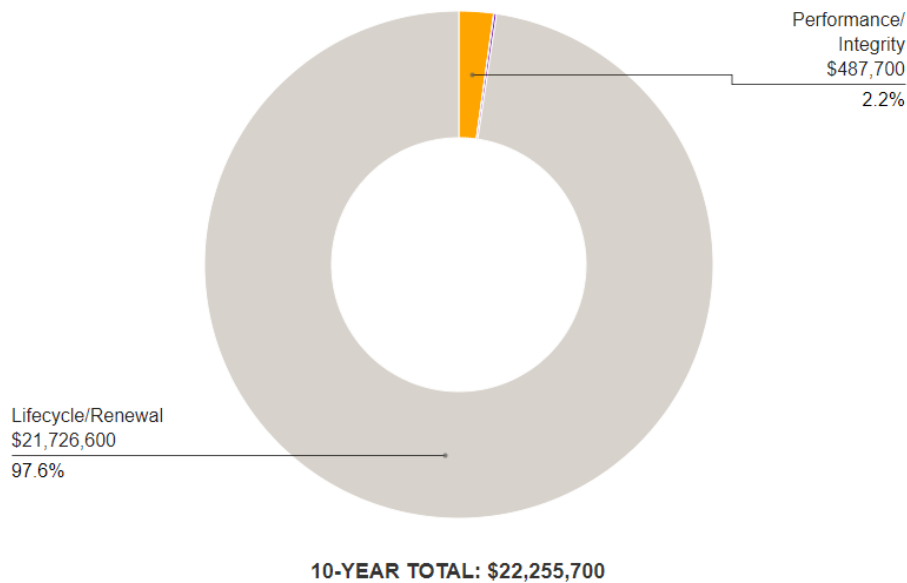
Year	Reserve	Reserve Escalation	Recurrence	Recurrence Escalation	Total Escalation	Deferred	FCI
2023	73,365	0	0	0	0	73,365	0
2024	259,450	7,784	0	0	7,784	340,599	0.01
2025	1,121,500	68,299	0	0	68,299	1,530,398	0.04
2026	2,316,070	214,762	0	0	214,762	4,061,230	0.1
2027	924,680	116,055	0	0	116,055	5,101,965	0.13
2028	5,628,721	896,509	22,815	3,634	900,143	11,627,195	0.3
2029	303,580	58,910	18,000	3,493	62,403	11,989,685	0.31
2030	4,710,240	1,082,761	0	0	1,082,761	17,782,686	0.45
2031	886,650	236,532	0	0	236,532	18,905,868	0.48
2032	245,500	74,822	0	0	74,822	19,226,190	0.49
2033	2,167,200	745,336	51,315	17,648	762,984	22,138,726	0.56
2034	16,800	6,455	0	0	6,455	22,161,981	0.56
2035	1,145,330	487,637	85,100	36,232	523,869	23,794,948	0.61
2036	194,850	91,294	122,000	57,161	148,455	24,081,092	0.61
2037	15,000	7,689	79,880	40,946	48,635	24,103,781	0.61
2038	436,600	243,609	766,965	427,941	671,550	24,783,990	0.63
2039	0	0	82,000	49,586	49,586	24,783,990	0.63
2040	572,150	373,527	297,160	194,000	567,527	25,729,667	0.66
2041	183,575	128,949	73,400	51,559	180,508	26,042,191	0.66
2042	0	0	103,900	78,289	78,289	26,042,191	0.66

## 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. Each of the Key Findings identified below are assigned a Plan Type.

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

## Plan Type Distribution (by Cost)



## Immediate Needs

ID	Location Description	UF Code	Description	Condition	Plan Type	Cost
6959262	Site	B1080	Stair/Ramp Rails, Metal, Repair/Install	Poor	Performance/Integrity	\$600
6959208	Building Exterior	B2010	Caulking, Cold Joints, 0" to 1/2", Replace	Poor	Performance/Integrity	\$10,500
6959256	Locker Room	D1010	Vertical Lift, Wheelchair, 5' Rise, Renovate	Failed	Performance/Integrity	\$17,000
6958973	Kitchen	E1030	Foodservice Equipment, Walk-In, Refrigerator, Replace	Poor	Performance/Integrity	\$15,000
6966339	Site	G2020	Parking Lots, Pavement, Asphalt, Seal & Stripe	Poor	Performance/Integrity	\$22,800
6962275	Throughout	Y1090	ADA Miscellaneous, Level III Study, Includes Measurements, Evaluate/Report	NA	Accessibility	\$7,500
					Total	<b>\$73,400</b>

## Key Findings



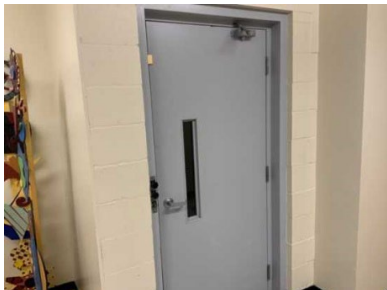
### Balcony Structure in Poor condition.

Vertical Column Steel  
SO BURLINGTON HIGH SCHOOL - Main Building Roof

Uniformat Code: B1010  
Recommendation: **Replace in 2025**  
Priority Score: **88.7**  
Plan Type: Performance/Integrity  
Cost Estimate: \$1,100

\$\$\$\$

Columns have split open - AssetCALC ID: 6959014



### Vertical Lift in Failed condition.

Wheelchair, 5' Rise  
SO BURLINGTON HIGH SCHOOL - Main Building Locker Room

Uniformat Code: D1010  
Recommendation: **Renovate in 2023**  
Priority Score: **85.9**  
Plan Type: Performance/Integrity  
Cost Estimate: \$17,000

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Out of service. No plans to replace - AssetCALC ID: 6959256



**Parking Lots in Poor condition.**

Pavement, Asphalt  
SO BURLINGTON HIGH SCHOOL - Main Building Site

Uniformat Code: G2020  
Recommendation: **Seal & Stripe in 2023**  
Priority Score: **84.9**  
Plan Type: Performance/Integrity  
Cost Estimate: \$22,800  
**\$\$\$\$**

Only half of lot - AssetCALC ID: 6966339



**Parking Lots in Poor condition.**

Pavement, Asphalt  
SO BURLINGTON HIGH SCHOOL - Main Building Site

Uniformat Code: G2020  
Recommendation: **Mill & Overlay in 2024**  
Priority Score: **84.8**  
Plan Type: Performance/Integrity  
Cost Estimate: \$177,500  
**\$\$\$\$**

Only half of lot - AssetCALC ID: 6959136



## Casework in Poor condition.

Countertop, Plastic Laminate  
SO BURLINGTON HIGH SCHOOL - Main Building Classrooms

Uniformat Code: E2010

Recommendation: **Replace in 2024**

Priority Score: **82.8**

Plan Type: Performance/Integrity

Cost Estimate: \$82,000

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Some areas infilled with non-epoxy tops and damaged - AssetCALC ID: 6959289



## Caulking in Poor condition.

Cold Joints, 0" to 1/2"

SO BURLINGTON HIGH SCHOOL - Main Building - Building Exterior

Uniformat Code: B2010

Recommendation: **Replace in 2023**

Priority Score: **81.9**

Plan Type: Performance/Integrity

Cost Estimate: \$10,500

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Pulled away from brick, gaps - AssetCALC ID: 6959208



## Foodservice Equipment in Poor condition.

Walk-In, Refrigerator  
SO BURLINGTON HIGH SCHOOL - Main Building Kitchen

Uniformat Code: E1030  
Recommendation: **Replace in 2023**  
Priority Score: **81.9**  
Plan Type: Performance/Integrity  
Cost Estimate: \$15,000

\$\$\$\$

Floor bad near door - AssetCALC ID: 6958973



## Stair/Ramp Rails in Poor condition.

Metal  
SO BURLINGTON HIGH SCHOOL - Main Building Site

Uniformat Code: B1080  
Recommendation: **Repair/Install in 2023**  
Priority Score: **81.9**  
Plan Type: Performance/Integrity  
Cost Estimate: \$600

\$\$\$\$

When repaired was not anchored to steps - AssetCALC ID: 6959262



### Landscaping in Poor condition.

Turf/Sod  
SO BURLINGTON HIGH SCHOOL - Main Building Site

Uniformat Code: G2080  
Recommendation: **Replace/Install in 2025**  
Priority Score: **81.7**  
Plan Type: Performance/Integrity  
Cost Estimate: \$60,000  
**\$\$\$\$**

Areas are wet, crown is gone - AssetCALC ID: 6960809



### Exterior Door in Poor condition.

Steel, Standard  
SO BURLINGTON HIGH SCHOOL - Main Building - Building Exterior

Uniformat Code: B2050  
Recommendation: **Replace in 2025**  
Priority Score: **81.7**  
Plan Type: Performance/Integrity  
Cost Estimate: \$17,400  
**\$\$\$\$**

Many are rusted at bottom and in frames - AssetCALC ID: 6958991

## ADA Miscellaneous

Level III Study, Includes Measurements  
SO BURLINGTON HIGH SCHOOL - Main Building Throughout

Uniformat Code: Y1090

Recommendation: **Evaluate/Report in 2023**

Priority Score: **63.9**

Plan Type: Accessibility

Cost Estimate: \$7,500

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Level III Study, Includes Measurements - AssetCALC ID: 6962275

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## 2. Building and Site Information



### System Summary

<i>System</i>	<i>Description</i>	<i>Condition</i>
<b>Structure</b>	Steel frame with concrete-topped metal decks over concrete pad column footings Masonry bearing walls with metal roof deck supported by open-web steel joists and concrete strip/wall footing foundation system Pre-engineered modular building on piers	Fair
<b>Facade</b>	Primary Wall Finish: Brick Secondary Wall Finish: Stone veneer Windows: Aluminum	Fair
<b>Roof</b>	Primary: Flat construction with single-ply TPO/PVC membrane Secondary: Flat construction with modified bituminous finish	Fair
<b>Interiors</b>	Walls: Painted gypsum board, painted CMU, wood paneling, ceramic tile, sound proofing Floors: Carpet, VCT, ceramic tile, quarry tile, wood strip, unfinished concrete, raised tile, rubber tile Ceilings: Painted gypsum board, ACT, hard tile, and sound proofing	Fair
<b>Elevators</b>	Passenger: 1 hydraulic car serving all five floors	Good
<b>Plumbing</b>	Distribution: Copper supply and cast-iron waste & venting Hot Water: Electric water heaters with integral tanks, older models Fixtures: Toilets, urinals, and sinks in all restrooms	Fair
<b>HVAC</b>	Central System: Boilers feeding VAVs, fan coils, hydronic baseboard radiators, unit ventilators and cabinet terminal units Non-Central System: Packaged units and Ductless split-systems Supplemental components: Suspended unit heaters	Fair
<b>Safety and Security</b>	Cameras, card readers, perimeter intrusion detection, security windows and doors, fencing, lighting, traffic gates. Multiple points of auto locking doors, main entry monitored, auto locking doors, internal locking on classroom doors, complete intercom system	Fair
<b>Fire Suppression</b>	Limited wet-pipe sprinkler system and fire extinguishers, and kitchen hood system	Good

<b>Electrical</b>	Source & Distribution: Main switchboard with copper wiring Interior Lighting: LED, linear fluorescent, CFL and incandescent Emergency Power: None	Fair
<b>Fire Alarm</b>	Alarm panel with smoke detectors, heat detectors, alarms, strobes, pull stations, back-up emergency lights, and exit signs	Fair
<b>Equipment/Special</b>	Commercial kitchen equipment	Fair
<b>Site Pavement</b>	Asphalt lots with aprons adjacent asphalt and concrete sidewalks with curbs	Fair
<b>Site Development</b>	Building-mounted and Property entrance signage; chain link, square tube metal fencing; open dumpster enclosures Sports fields and courts with bleachers, dugouts, press box, fencing, and site lights. Limited park benches, picnic tables, trash receptacles	Fair
<b>Landscaping &amp; Topography</b>	Limited landscaping features including lawns, trees, bushes, and planters. Irrigation present Concrete and stone retaining walls. Low to moderate site slopes throughout	Good
<b>Utilities</b>	Municipal water and sewer Local utility-provided electric, natural gas and fuel oil tanks	Good
<b>Site Lighting</b>	Pole-mounted: LED, HPS Building-mounted: LED, HPS	Fair
<b>Ancillary Structures</b>	Garages, Storage sheds, Prefabricated modular buildings	Good
<b>Accessibility</b>	Potential moderate/major issues have been identified at this property and a detailed accessibility study is recommended.	
<b>Key Issues and Findings</b>	Building has asbestos and PCB contamination. Exterior Steel on Classroom wings is rusting and splitting. Parking lot to North is failing. Drive around building is failed. South and West parking requires crack fill and sealcoating. Practice field has lost crown and does not drain. Stadium lighting requires upgrade. Baseball diamonds need playing surface rejuvenation. The interior light needs upgrade. HVAC equipment is the end of life. Windows has partially been upgraded. Roof replacement projects should continue. Repairs are required on exterior supports. Joints in Stone panels have cracked and have open areas. Window caulking is failing and requires replacement. Locker Rooms showers are no longer used, limited use by coaches. Electrical system is end of life and working to reroute. The floor is weakened in walk-in refrigerator. Countertops in labs are infilled with non-epoxy tops that are damaged. Wheelchair lifts are non-functional. Temporary Air Conditioners in use Repaired railings are not anchored to the step. Faucets could be upgraded to automatic or at least low flow aerators. End of life water heaters in building	

### 3. Supplemental Evaluations

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#### Square Foot Verification

We have reviewed the square footage of 157,000 square feet and it is in the range of square foot calculations as reported by the school district. This confirmation of the square footage of the facility is based on the exterior wall dimensions and number of stories measured from Google Earth and other publicly available internet searches. This measurement may not reflect the actual heated square footage but provides a general size of the heated square feet of the overall building.

#### PCB Air Indoor Testing

At the time of the onsite evaluation of this facility PCB air testing has not been conducted. Further ongoing information can be found on the Agency of Natural Resources PCB in Schools website [Agency of Natural Resources PCB in Schools](#).

#### School Educational Capacity and Programming Space

As part of the FCA report, school administrative staff were asked to conduct a self-assessment of whether their school building meets their space, operational needs and if they have sufficient building capacity and appropriate spaces to deliver educational programming. The school responses to the survey are reported in Appendix D. The respondents indicated that the following areas were inadequate to meet current needs:

A space needs self-assessment was conducted by the school administrative staff which identified space constraints in the following areas:

- Adequate number of classrooms.
- Adequate overall building space.
- Confidential space to maintain FERPA, HIPPA or IEP requirements.
- Administrative offices and/or office space for staff.
- Cafeteria, kitchen and/or gymnasium space.

The Depleted Value Facility Condition Index (FCI) is an estimate of a building's overall amount of consumed system life. The Depleted Value FCI ratings scale indicates the estimated condition of the system. Generally, the higher the Depleted Value FCI, the greater the need to repair or replace a system. Note that the FCI can also be calculated for system groups, building types and other aggregations. The estimated percentage of collective system life left in a building, also referred to as Remaining Useful Life (RUL). The higher the RUL, the newer the system. The sum of Depleted Value FCI and RUL will equal 100%.

### Depleted Value Index

Index Value

62.1.0%

### 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	\$600	\$1,200	\$94,400	-	\$2,300	\$98,500
Facade	\$10,500	\$18,500	\$5,100	\$1,197,300	\$78,400	\$1,309,800
Roofing	-	-	\$1,147,900	\$275,600	\$11,700	\$1,435,300
Interiors	-	\$190,500	\$1,917,800	\$3,437,600	\$2,713,700	\$8,259,600
Conveying	\$17,000	-	-	\$11,400	\$7,300	\$35,700
Plumbing	-	\$98,100	\$2,170,000	\$35,200	\$48,300	\$2,351,600
HVAC	-	\$11,600	\$2,798,700	\$377,500	\$154,100	\$3,341,900
Fire Protection	-	-	\$7,600	\$2,112,700	\$17,700	\$2,138,000
Electrical	-	\$749,500	\$20,300	\$840,000	\$996,900	\$2,606,700
Fire Alarm & Electronic Systems	-	\$3,400	\$916,600	\$938,000	\$1,210,100	\$3,068,200
Equipment & Furnishings	\$15,000	\$98,400	\$635,000	\$1,091,300	\$648,200	\$2,487,800
Special Construction & Demo	-	\$16,600	\$2,800	-	\$26,400	\$45,700
Site Development	-	\$82,800	\$380,500	\$224,200	\$1,673,700	\$2,361,100
Site Utilities	-	\$3,800	-	\$30,400	\$140,300	\$174,500
Site Pavement	\$22,800	\$182,800	\$26,400	\$30,700	\$248,100	\$510,800
Accessibility	\$7,500	-	-	-	-	\$7,500
<b>TOTALS</b>	<b>\$73,400</b>	<b>\$1,457,200</b>	<b>\$10,123,100</b>	<b>\$10,601,900</b>	<b>\$7,977,200</b>	<b>\$30,232,700</b>

## 4. Property Space Use and Observed Areas

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### 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.

### Key Spaces Not Observed

All key areas of the property were accessible and observed.

## 5. 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 requires 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 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 facility was originally constructed in 1956. The facility was renovated in 1994 and has widespread accessibility. No information about complaints or pending litigation associated with potential accessibility issues was provided during the interview process.

A detailed follow-up accessibility study is included as a recommendation based on the potential that specific ADA violations, not in this scope of services, may exist. Reference the appendix for specific data, photos, and tables or checklists associated with this limited accessibility survey.

## 6. Purpose and Scope

### Purpose

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

Based on the observations, interviews and document review outlined below, this report identifies significant deferred maintenance issues, existing deficiencies, and material code violations of record, which affect the Property's use. Opinions are rendered as to its structural integrity, building system condition and the Property's overall condition. The report also notes building systems or components that have realized or exceeded their typical expected useful lives. The physical condition of building systems and related components are typically defined as being in one of five condition ratings. For the purposes of this report, the following definitions are used:

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

## Scope

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

- Visit the Property to evaluate the general condition of the building and site improvements, review available construction documents 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.

## 7. Opinions of Probable Costs

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

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

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

### Methodology

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

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

### Definitions

#### Immediate Needs

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

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

## Replacement Reserves

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

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

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

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

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

## Key Findings

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

## Exceedingly Aged

A 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.

## 8. STEM/STEAM Assessment

STEM and STEAM education is an integrated curriculum that is driven by exploratory project-based learning and student-centered development of ideas and solutions. BV has evaluated the facility for the existence of spaces and systems to provide STEM/STEAM education based on input from the point of contact for the school. The below table identifies the required standards and to what degree the requirements have been met for the facility.

STEM/STEAM Evaluations				
Property Name	STEM/STEAM Suitability Score	Project Number	School Type	Square Footage
South Burlington High School - Main Building	63%	158982.22R000-303.379	High	157,000

Suitability Classification	Scale	Score Value	Score Impact
Compares Poorly	Score 0 - 25	1- Meets	100%
Compares Marginally	Score 25-50	2- Partial	50%
Compares Fairly	Score 50-75	3- Missing	0%
Compares Well	Score 75 - 100		

Details of the STEM/STEAM evaluation are included in the appendix of this report. Reference this appendix for specific data associated with this limited survey.

## 9. Energy Audit

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The purpose of this Energy Audit is to provide South Burlington High School with a baseline of energy usage, the relative energy efficiency of the facility, and specific recommendations for Energy Conservation Measures. Information obtained from these analyses may be used to support a future application to an Energy Conservation Program, Federal and Utility grants towards energy conservation, as well as support performance contracting, justify a municipal bond-funded improvement program, or as a basis for replacement of equipment or systems.

The energy audit consisted of an on-site visual assessment to determine current conditions, itemize the energy consuming equipment (i.e. Boilers, Make-Up Air Units, DWH equipment); review lighting systems both exterior and interior; and review efficiency of all such equipment. The study also included interviews and consultation with operational and maintenance personnel. The following is a summary of the tasks and reporting that make up the Energy Audit portion of the report.

The following is a summary of the tasks and reporting that make up the Energy Audit portion of the report.

### ***Energy and Water Using Equipment***

- Bureau Veritas has surveyed the common areas, offices, maintenance facilities and mechanical rooms to document utility-related equipment, including heating systems, cooling systems, air handling systems and lighting systems.

### ***Building Envelope***

- Bureau Veritas has reviewed the characteristics and conditions of the building envelope, checking insulation values and conditions. This review also includes an inspection of the condition of walls, windows, doors, roof areas, insulation, and special use areas.

### ***Recommendations for Energy Savings Opportunities***

- Based on the information gathered during the on-site assessment, the utility rates, as well as recent consumption data and engineering analysis, Bureau Veritas has identified opportunities to save energy and provide probable construction costs, projected energy/utility savings and provide a simple payback analysis.

### ***Analysis of Energy Consumption***

- Based on the information gathered during the on-site assessment, Bureau Veritas has conducted an analysis of the energy usage of all equipment, and identified which equipment is using the most energy and what equipment upgrades may be necessary. As a result, equipment upgrades, or replacements are identified that may provide a reasonable return on the investment and improve maintenance reliability.

### ***Energy Audit Process***

- Interviewing staff and review plans and past upgrades
- Performing an energy audit for each use type
- Performing a preliminary evaluation of the utility system
- Analyzing findings, utilizing ECM cost-benefit worksheets
- Making preliminary recommendations for system energy improvements and measures
- Estimating initial cost and changes in operating and maintenance costs based on implementation of energy efficiency measures.
- Ranking recommended cost measures, based on the criticality of the project and the largest payback.

## 10. Historical Energy and Water Performance Metrics

### Utility Data Tabulation Methodology

Establishing the energy baseline begins with an analysis of the utility cost and consumption of the facility. Utilizing the historical energy data and local weather information, we evaluate the existing utility consumption and assign it to the various end-uses throughout the buildings. The Historical Data Analysis breaks down utilities by consumption, cost and annual profile.

This data is analyzed using standard engineering assumptions and practices. The analysis serves the following functions:

- Allows our engineers to benchmark the energy and water consumption of the facilities against consumption of efficient buildings of similar construction, use and occupancy.
- Generates the historical and current unit costs for energy and water.
- Provides an indication of how well changes in energy consumption correlate to changes in weather.
- Reveals potential opportunities for energy consumption and/or cost reduction. For example, the analysis may indicate that there is excessive, simultaneous heating and cooling, which may mean that there is an opportunity to improve the control of the heating and cooling systems.

By performing this analysis and leveraging our experience, our engineers prioritize buildings and pinpoint systems for additional investigation during the site visit, thereby maximizing the benefit of their time spent on-site and minimizing time and effort by the customer's personnel.

Based upon the utility bills provided, the following energy rates have been calculated and utilized in determining existing and proposed energy costs.

#### Utilities Metering at a Glance

Number of electric meters observed	Two (one solar)
Number of gas meters observed	One
Number of central steam meters observed	None
Number of domestic water meters observed	One

#### Average Utility Rates

Electricity	Natural Gas	No. 2 Oil	Water & Sewer
Average Rate	Average Rate	Average Rate	Blended Rate
\$0.09 / kWh	\$1.56 / therm	\$3.33 / Gal	\$29.19 / kGal

## Electricity

Green Mountain Power provides electrical service to the facility.

The consumption pattern for the period under consideration varies seasonally. The seasonal variation in consumption is primarily attributed to periods when school is out of session, while the static base load primarily consists of domestic water heating, lighting, and appliances.

Solar output data was provided by the client, but was partially omitted from the chart below, in an attempt to assess the economic feasibility of the proposed energy conservation measures more accurately.

Based on the 2021 electric usage and costs, the average price paid during the year was \$0.18 per kWh. The total annual electricity consumption for the 12-month period analyzed is 600,853 kWh for a total pre-solar cost of \$109,394.

Electricity Consumption & Cost Data			
Billing Month	Consumption (kWh)	Unit Cost (per kWh)	Total Cost
January,21	90,816	\$0.14	\$12,932
February,21	68,383	\$0.14	\$9,915
March,21	84,834	\$0.09	\$7,406
April,21	65,897	\$0.03	\$1,925
May,21	71,820	\$0.00	\$0
June,21	62,656	\$0.00	\$0
July,21	59,750	\$0.00	\$35
August,21	80,347	\$0.01	\$1,202
September,21	83,871	\$0.10	\$8,556
October,21	83,289	\$0.17	\$14,116
November,21	82,436	\$0.17	\$14,002
December,21	78,046	\$0.16	\$12,669
<b>TOTAL/AVERAGE</b>	<b>912,145</b>	<b>\$0.09</b>	<b>\$82,758</b>

## Natural Gas

Vermont Gas provides natural gas to the facility.

The primary use of natural gas is for space heating and cooking. The consumption pattern for the period under consideration varies seasonally. The seasonal variation in consumption is primarily attributed to the heating loads, and to varying cooking requirements based on weather and school being in session.

Based on the 2021 natural gas usage and costs provided, the average price paid during the year was \$1.56 per therm of natural gas. The total annual consumption for the 12-month period analyzed is 1,051 therms for a total cost of \$1,640.

Natural Gas Consumption & Cost Data			
Delivery Month	Consumption (therms)	Unit Cost (per therm)	Total Cost
January,21	105	\$1.56	\$163
February,21	140	\$1.56	\$217
March,21	116	\$1.56	\$181
April,21	137	\$1.56	\$214
May,21	97	\$1.56	\$152
June,21	71	\$1.57	\$111
July,21	37	\$1.57	\$58
August,21	42	\$1.57	\$66
September,21	73	\$1.56	\$114
October,21	71	\$1.57	\$111
November,21	95	\$1.56	\$149
December,21	67	\$1.56	\$104
<b>TOTAL/AVERAGE</b>	<b>1,051</b>	<b>\$1.56</b>	<b>\$1,640</b>

## Propane or Fuel Oil

Trono Fuels provides fuel oil to the facility. The deliveries are made on an as-needed basis.

The primary use of fuel oil is for secondary space heating. The consumption pattern for the period under consideration varies seasonally. The seasonal variation in consumption is primarily attributed to the heating loads.

Based on the 2021 fuel oil usage and costs provided, the average price paid during the year was \$3.33 per gallon of fuel oil. The total annual consumption for the 12-month period analyzed is 3,000 gallons for a total cost of \$9,980.

Fuel Oil Consumption & Cost Data			
Delivery Month	Delivery (gallons)	Unit Cost (per gallon)	Total Cost
January,21	2,000	\$3.00	\$6,000
September,21	1,000	\$3.98	\$3,980
<b>Total</b>	<b>3,000</b>	<b>\$3.33</b>	<b>\$9,980</b>

## Water and Sewer

The City of South Burlington satisfies the water and sewer requirements of the facility.

The water consumption pattern remains more or less flat over the 10-month period that school is in session.

Based on the 2021 water and sewer usage and costs provided, the average estimated blended price paid during the year was \$29.19 per thousand gallons. The total annual consumption for the 12-month period analyzed is 198 kGal for an estimated total cost of \$5,779.

Water & Sewer Consumption & Cost Data			
Billing Month	Consumption (kGal)	Unit Cost (per kGal)	Total Cost
March,21	60	\$33.05	\$1,983
June,21	58	\$32.31	\$1,874
September,21	30	\$30.00	\$900
December,21	50	\$20.44	\$1,022
<b>TOTAL/AVERAGE</b>	<b>198</b>	<b>\$29.19</b>	<b>\$5,779</b>

## 11. Energy Conservation Measures

Bureau Veritas has conducted an Energy Audit on South Burlington High School. The study included a review of the building's construction features, historical energy and water consumption and costs, review of the building envelope, HVAC equipment, heat distribution systems, lighting, and the building's operational and maintenance practices.

Bureau Veritas has evaluated four Energy Conservation Measures (ECMs) for this property. The savings for each measure are calculated using standard engineering methods followed in the industry, and detailed calculations for ECM are provided in Appendix H for reference. A 10% discount in energy savings was applied to account for the interactive effects amongst the ECMs. In addition to the consideration of the interactive effects, Bureau Veritas has applied a 15% contingency to the implementation costs to account for potential cost overruns during the implementation of the ECMs.

The following table summarizes the recommended ECMs in terms of description, investment cost, energy consumption reduction, and cost savings.

Recommended Non- Renewable Energy Conservation Measures: Financial Impact	
Total Projected Initial ECM Investment	\$374,321
Estimated Annual Cost Savings Related to ECMs	\$39,972
Net Effective ECM Payback	9.36 Years

### **Key Metrics to Benchmark the Subject Property's Energy Usage Profile**

- **Building Site Energy Use Intensity** - The sum of the total site energy use in thousands of Btu per unit of gross building area. Site energy accounts for all energy consumed at the building location only not the energy consumed during generation and transmission of the energy to the site.
- **Building Source Energy Use Intensity** – The sum of the total source energy use in thousands of Btu per unit of gross building area. Source energy is the energy consumed during generation and transmission in supplying the energy to your site.
- **Building Cost Intensity** - This metric is the sum of all energy use costs in dollars per unit of gross building area.
- **Greenhouse Gas Emissions** - Although there are numerous gases that are classified as contributors to the total for Greenhouse Emissions, the scope of this energy audit focuses on carbon dioxide (CO<sub>2</sub>). Carbon dioxide enters the atmosphere through the burning of fossil fuels (oil, natural gas, and coal), solid waste, trees and wood products, and also as a result of other chemical reactions (e.g., manufacture of cement).

## Energy Conservation Measures Screening:

Bureau Veritas screens ECMs using the financial methodology below. ECMs which are considered financially viable must meet the criteria.

Simple Payback Period –The number of years required for the cumulative value of energy or water cost savings less future non-fuel or non-water costs to equal the investment costs of the building energy or water system, without consideration of discount rates. ECMs with a payback period greater than the Expected Useful Life (EUL) of the project are not typically recommended, as the cost of the project will not be recovered during the lifespan of the equipment. These ECMs are recommended for implementation during future system replacement. At that time, replacement may be evaluated based on the premium cost of installing energy efficient equipment.

## South Burlington High School

### Energy Conservation Measures

Description of ECM		Location	Net Projected Initial Investment (\$)	Estimated Annual Savings Nat Gas (therms)	Estimated Annual Savings #2 Oil (Gal)	Estimated Annual Savings Electricity (kWh)	Estimated Annual Savings Water (KGal)	Total Energy Savings (MMBTU)	Total Green House Gas Savings (MtCO <sup>2</sup> /Yr.)	Estimated Utility Cost Savings (\$)	Estimated Annual O&M Savings (\$)	Total Estimated Annual Cost Savings (\$)	Simple Payback (Yrs)	Life Cycle Savings (\$)	Expected Useful Life (EUL) (Yrs)
1	Install Timers On Exhaust Fans; Install (7x) timer(s) on (7x) Rooftop Exhaust Fans	Location: Roof	\$2,303	3244.1	0.0	6,318.4	0.0	346.0	18.7	\$5,637	\$0	\$5,637	0.4	\$64,992	15
2	Replace Existing Linear Fluorescent Lamps; Replace 1425x F42T8 with F42LED; Replace 16x F44T5-HO with F44T5LED; Replace 15x F22T12M with F22LED; Replace 2x FU2T12 with FU2LED-6	Location: Throughout interiors	\$27,903	0.0	0.0	73,203.4	0.0	249.8	17.3	\$6,642	\$710	\$7,351	3.8	\$59,856	15
3	Replace Inefficient Heating Plant; Replace (2x) Cast Iron boilers with (6x) 95% efficient Condensing Boilers	Location: Boiler room	\$284,026	18947.4	0.0	0.0	0.0	1,894.7	100.5	\$29,576	\$887	\$30,464	9.3	\$246,443	25
4	Install Variable Frequency Drives (VFD); Install (2x) VFDs on 15HP motors	Location: Boiler room	\$11,265	0.0	0.0	10,599.3	0.0	36.2	2.5	\$962	\$0	\$962	11.7	\$216	15
Totals for no/low cost items			\$0	0.0	0.0	0.0	0.0	0.0	0.0	\$0	\$0	\$0	0.0		
Total for capital cost			\$325,496	22191.4	0.0	90,121.1	0.0	2,526.6	139.1	\$42,817	\$1,597	\$44,414	7.3		
Interactive Savings Discount @10%				-2219.1	0.0	-9,012.1	0.0	-252.7	-13.9	-\$4,282	-\$160	-\$4,441			
Total Contingency Expenses @ 15%			\$48,824												
<b>Totals for improvements</b>			<b>\$374,321</b>	<b>19972.3</b>	<b>0.0</b>	<b>81,109.0</b>	<b>0.0</b>	<b>2,274.0</b>	<b>125.2</b>	<b>\$38,535</b>	<b>\$1,437</b>	<b>\$39,972</b>	<b>9.4</b>		

## 12. Certification

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Vermont Agency of Education, Phase Two (the Client) retained Bureau Veritas to perform this Facility Condition Assessment in connection with its continued operation of South Burlington High School - Main Building, 550 Dorset Street, S Burlington, VT 05403Z, 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 on behalf of and exclusively for the use of the Client for the purpose stated within the *Purpose and Scope* section of this report. The report, or any excerpt thereof, shall not be used by any party other than the Client or for any other purpose than that specifically stated in our agreement or within the *Purpose and Scope* section of this report without the express written consent of Bureau Veritas.

Any reuse or distribution of this report without such consent shall be at the Client and the recipient's sole risk, without liability to Bureau Veritas.

**Prepared by:** Bureau Veritas Technical Assessments

## 13. Appendices

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- Appendix A: Photographic Record
- Appendix B: Site Plans
- Appendix C: Stem/Steam Assessment
- Appendix D: School Educational Capacity and Programming Space
- Appendix E: Accessibility Review & Photos
- Appendix F: Component Condition Report
- Appendix G: Replacement Reserves
- Appendix H: Depleted Value Report



## Appendix A: Photographic Record

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## Photographic Overview



1 - FRONT ELEVATION



2 - LEFT ELEVATION



3 - REAR ELEVATION



4 - RIGHT ELEVATION



5 - DISTRICT COMPUTER SUPPORT



6 - CLASSROOM WING FACADE

### Photographic Overview



7 - WINDOW CAULKING PULL AWAY



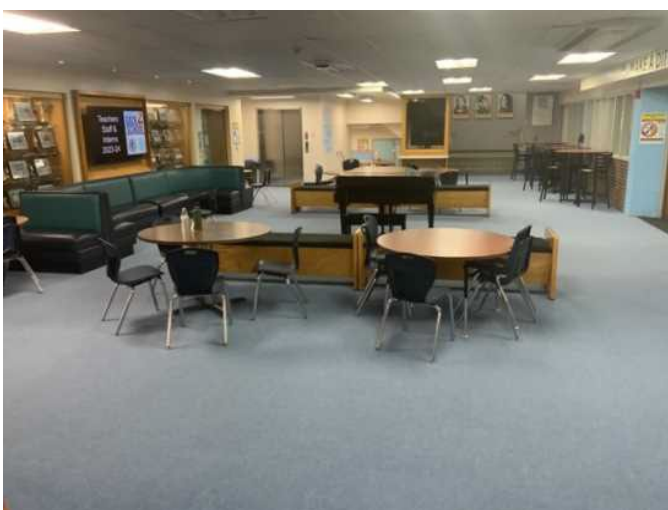
8 - EXTERIOR WALL CAULKING FAILURES



9 - FLAT ROOF TPO



10 - TPO ROOF OVER CLASSROOM WING



11 - LOBBY



12 - TYPICAL CLASSROOM

## Photographic Overview



13 - LIBRARY



14 - CAFETERIA



15 - ART CLASSROOM



16 - SCIENCE CLASSROOM CASEWORK



17 - THEATER & STAGE EQUIPMENT



18 - SPLIT SYSTEM DUCTLESS

## Photographic Overview



19 - PACKAGED UNIT ON ROOF



20 - FIRE SUPPRESSION SYSTEM



21 - ELECTRICAL DISTRIBUTION PANEL



22 - MAIN ELECTRICAL DISTRIBUTION PANEL



23 - VARIABLE FREQUENCY DRIVE



24 - BAS/HVAC CONTROLS

## Photographic Overview



25 - BLEACHER SEATING WITH PRESSBOX



26 - SOCCER/FOOTBALL PRACTICE FIELD



27 - ATHLETIC SURFACES & COURTS



28 - ASPHALT WALKWAY AT STADIUM



29 - TICKET BOOTH CONCESSIONS BUILDING



30 - PARKING LOT BETWEEN SCHOOLS

## Appendix B:

### Site Plans

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# Site Plan



<b>Project Name</b>	<b>Project Number</b>
Vermont Agency of Education	158892.22R000-303.379 South Burlington High School
<b>Source</b>	<b>On-Site Date</b>
Google MyMaps	August 22, 2023

## Appendix C:

### Stem/Steam Assessment

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## STEM/STEAM Evaluation

Property Name	STEM/STEAM Suitability Score	Project Number	School Type	Square Footage
South Burlington High School Main Building	<b>63%</b>	158982.22R000-303.379	High	157,000

Suitability Classification	Scale	Score Value	Score Impact
Compares Poorly	Score 0 - 25	1- Meets	100%
Compares Marginally	Score 25-50	2- Partial	50%
Compares Fairly	Score 50-75	3- Missing	0%
Compares Well	Score 75 - 100		

### Rooms to support STEM/STEAM Curriculum - X= Required by School Type

Room Types	Room Present (Yes/No)	Elementary School	Middle School	High School
Does the facility have an Art Room?	Yes	X	X	X
Does the facility have a Science Lab?	Yes		X	X
Does the facility have a Shop (Machine, Wood, Metal, etc.)?	Yes		X	X
Does the facility have a Computer Lab?	Yes	X	X	X
Does the facility have a dedicated STEM/STEAM Room?	Yes	X	X	X

### Overall Compliance

Questions	Art Room	Science Labs	Shops	Computer Lab	STEM/STEAM
Does the room have chemical resilient perimeter counters with a minimum of two sinks, one being ADA accessible?	2- Partial	2- Partial	3- Missing		3- Missing
Does the room have electrical outlet distribution along perimeter walls and from the ceiling?	2- Partial	2- Partial	1- Meets	2- Partial	1- Meets
Does the room have open shelving and lockable storage cabinets?	2- Partial	2- Partial	1- Meets		3- Missing
Does the room have technology connectivity and an interactive display?	1- Meets	1- Meets	1- Meets	1- Meets	1- Meets
Does the room have appropriate wet floor finishes?	1- Meets	1- Meets	1- Meets		1- Meets
Does the room have visual display boards?	1- Meets	1- Meets	1- Meets	1- Meets	1- Meets
Does the room have Prep/Storage Room?	1- Meets	1- Meets	1- Meets	3- Missing	3- Missing
Does the room have direct access to the exterior?	3- Missing	3- Missing	3- Missing		3- Missing
Does the room the ability to structurally suspend items from the ceiling?	2- Partial	2- Partial	2- Partial		2- Partial
Does the have goggle cabinets, fire extinguisher, eye wash and deluge shower?	2- Partial	2- Partial	2- Partial		2- Partial
Room Type Score	65%	65%	70%	63%	50%

## **Appendix D:** School Educational Capacity and Programming Space

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# School Educational Capacity and Programming Space

As part of Act 72, AOE has contracted with Bureau Veritas (BVNA) to complete a Facility Condition Assessment (FCA) of very public school building in Vermont. One component of the FCA report will be to identify whether the size and configuration of your current facility is meeting your school's educational and operational needs. In order for us to accurately capture your facility space needs, it is necessary for the AOE and BVNA to receive your input. To complete this brief survey, we recommend that you consult with school building leadership and facilities/custodial staff.

## School Name

South Burlington High School

## SU/SD

South Burlington Supervisory District

**Does the school have an adequate number of classrooms to meet student enrollment needs?**

No

**Please provide some explanation and/or context (known needs, barriers, other constraints outside of space, etc.):**

See significant Dore Whittier Report from 2015 & 16 as well as past 2 NEASC Reports.

300 page report can be found here:

<https://www.sbschools.net/cms/lib/VT01819219/Centricity/Domain/233/SBHS-FHTMS-Final%20Report-%20Phase%201.pdf>

**Does the school have adequate space to accommodate all the current educational programs being offered?**

No

**Please describe capacity of your school building(s) to deliver educational programming:**

Over capacity. Especially with respect to common spaces such as cafeterias, Phys Ed space, and halls and lobby. Many ADA and safety issues with current building.

See significant Dore Whittier Report from 2015 & 16 as well as past 2 NEASC Reports.

300 page report can be found here:

<https://www.sbschools.net/cms/lib/VT01819219/Centricity/Domain/233/SBHS-FHTMS-Final%20Report-%20Phase%201.pdf>

**Would the school provide additional programming if available space was provided?**

Yes

Physical Education and Dance classes as well as performing Arts are significantly impacted by subpar facilities.

See significant Dore Whittier Report from 2015 & 16 as well as past 2 NEASC Reports.

300 page report can be found here:

<https://www.sbschools.net/cms/lib/VT01819219/Centricity/Domain/233/SBHS-FHTMS-Final%20Report-%20Phase%201.pdf>

**Does the school have adequate confidential space to provide 1:1 services to students as required to maintain FERPA, HIPPA or IEP requirements?**

No

**Please describe:**

A NEASC recommendation for 2 consecutive decennial reviews.

See significant Dore Whittier Report from 2015 & 16 as well as past 2 NEASC Reports.

300 page report can be found here:

<https://www.sbschools.net/cms/lib/VT01819219/Centricity/Domain/233/SBHS-FHTMS-Final%20Report-%20Phase%201.pdf>

**Do the school have adequate administrative offices and/or office space for staff?**

No

**Please describe:**

Guidance and Admin spaces are ill equipped to provide support for students especially when dysregulated or in crisis.

See significant Dore Whittier Report from 2015 & 16 as well as past 2 NEASC Reports.

300 page report can be found here:

<https://www.sbschools.net/cms/lib/VT01819219/Centricity/Domain/233/SBHS-FHTMS-Final%20Report-%20Phase%201.pdf>

**Based on the size of enrollment does the size of the cafeteria, kitchen and gymnasium meet the current and future enrollment needs?**

No

**Please describe:**

We have been found in violation of NEASC standards both times we were visited for 10 year accreditation review. Most recently in 2019.

See significant Dore Whittier Report from 2015 & 16 as well as past 2 NEASC Reports.

300 page report can be found here:

<https://www.sbschools.net/cms/lib/VT01819219/Centricity/Domain/233/SBHS-FHTMS-Final%20Report-%20Phase%201.pdf>

## Appendix E:

### Accessibility Review & Photos

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## Visual Survey - ADA Standards for Accessible Design

Property Name: South Burlington High School – Main Building

BV Project Number: 158982.22R000-303.379

Facility History & Interview				
Question	Yes	No	Unk	Comments
1. ADA: Has an accessibility study been performed at the site? If so, when?	X			
2. ADA: If a study has occurred, have the associated recommendations been addressed? In full or in part?	X			
3. ADA: Have there been regular complaints about accessibility issues, or previous or pending litigation?		X		

Building: Accessibility Issues				
Category	Major Issues (ADA study recommended)	Moderate Issues (ADA study recommended)	Minor Issues	None*
Parking			2 Van Stalls Required	
Exterior Route	Parking not all near accessible building entrances			
Building Entrances		Quantity of entrances needs verification		
Interior Route				None
Elevators				None
Public Restrooms				None

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



1 - OVERVIEW OF ACCESSIBLE PARKING AREA



2 - CLOSE-UP OF STALL



3 - PRIMARY PATH OF TRAVEL



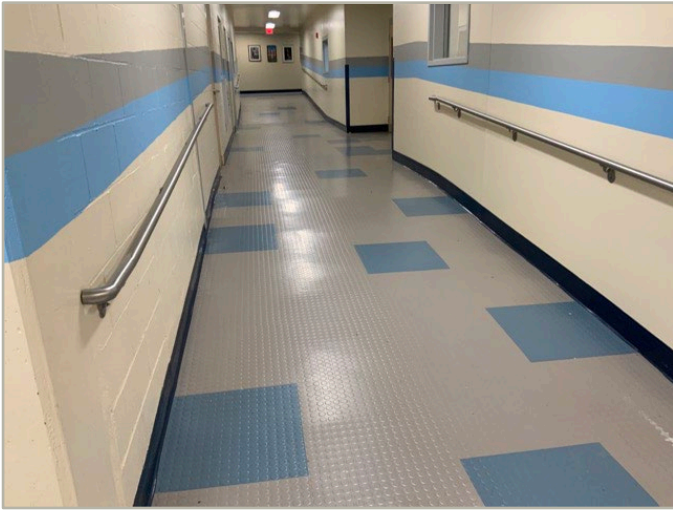
4 - 2ND PATH OF TRAVEL



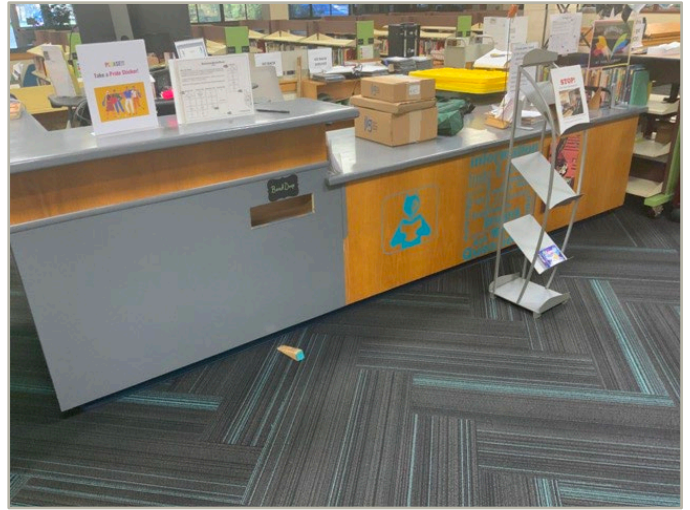
5 - MAIN ACCESSIBLE ENTRANCE



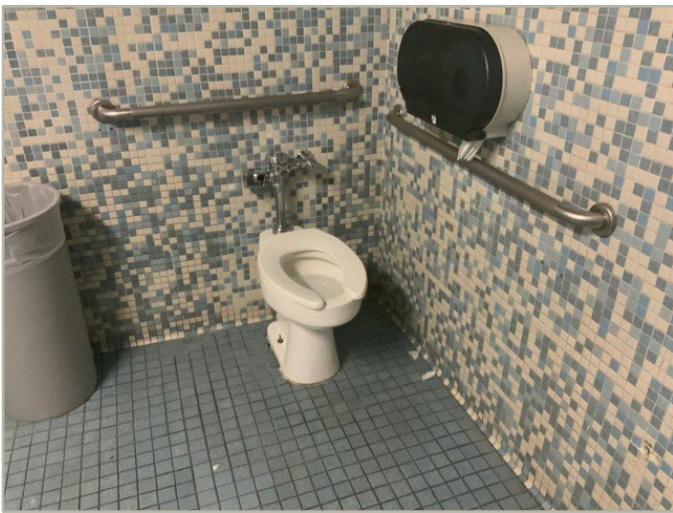
6 - HARDWARE



7 - ACCESSIBLE INTERIOR PATH (RAMP/LIFT)



8 - SELF-SERVICE AREA



9 - TOILET STALL OVERVIEW



10 - SINK, FAUCET HANDLES and ACCESSORIES



11 - LOBBY VIEW OF CABS, WITH DOORS OPEN



12 - IN-CAB CONTROLS/EMERGENCY CALL PANEL

The table below is intended to be used as a general reference guide to help differentiate the orders of magnitude between some of the more commonly observed accessibility issues. The table is not intended to be all-inclusive, and boxes checked in the tables above do not necessarily mean those specific problems or shortcomings cited as examples below exist at the subject buildings and sites. Reference the data and photos above and/or the *Key Findings* section in the body of the report for visuals and/or more specifics about the particular subject site conditions.

<b>Reference Guide</b>			
	<b>Major Issues</b> <i>(ADA study recommended)</i>	<b>Moderate Issues</b> <i>(ADA study recommended)</i>	<b>Minor Issues</b>
<b>Parking</b>	<ul style="list-style-type: none"> <li>- Needs full reconstruction</li> <li>- Excessive slopes over 3% require major re-grading</li> <li>- No level locations to add required spaces</li> </ul>	<ul style="list-style-type: none"> <li>- No or non-compliant curb cuts</li> <li>- Moderate difficulty to add required accessible spaces</li> <li>- Slopes close to compliant</li> </ul>	<ul style="list-style-type: none"> <li>- Painting of markings needed</li> <li>- Signage height non-compliant</li> <li>- Signage missing</li> </ul>
<b>Exterior Route</b>	<ul style="list-style-type: none"> <li>- Large areas of sidewalks with excessive slopes</li> <li>- No ramp when needed</li> <li>- Ramps with excessive slopes</li> </ul>	<ul style="list-style-type: none"> <li>- Ramps need rails</li> <li>- Ramps need rail extensions</li> <li>- All or most entrance door exterior maneuvering clearance areas with excessive slopes</li> </ul>	<ul style="list-style-type: none"> <li>- One entrance door exterior maneuvering clearance area with excessive slope</li> <li>- Non-compliant signage</li> </ul>
<b>Building Entrances</b>	<ul style="list-style-type: none"> <li>- No compliant entrance exists</li> <li>- Exterior entry door/s not wide enough</li> <li>- Entrance vestibule requires complete reconstruction / reconfiguration due to clearance</li> </ul>	<ul style="list-style-type: none"> <li>- Need significant # of lever handles</li> <li>- Need to add or modify automatic door opener</li> <li>- Entrance vestibule requires limited reconfigurations</li> </ul>	<ul style="list-style-type: none"> <li>- A few door knobs instead of lever handles</li> <li>- Non-compliant door threshold</li> </ul>
<b>Interior Route</b>	<ul style="list-style-type: none"> <li>- All or most interior doors appear less than 32" wide</li> <li>- Corridors less than 36" wide</li> <li>- No ramp when needed</li> <li>- Ramps with excessive slopes</li> <li>- Non-compliant treads/risers at means of egress stairways</li> </ul>	<ul style="list-style-type: none"> <li>- Single height drinking fountains</li> <li>- Drinking fountain too high or protrudes into accessible route</li> <li>- Ramps need rails</li> <li>- Ramps need rail extensions</li> <li>- Need significant # of lever handles</li> <li>- Non-compliant rail extensions at egress stairways</li> <li>- All/most door thresholds high</li> </ul>	<ul style="list-style-type: none"> <li>- One door threshold too high</li> <li>- A few door knobs instead of lever handles</li> <li>- Non-compliant door pressures</li> <li>- Non-compliant signage</li> <li>- Switches not within reach range</li> </ul>
<b>Elevators</b>	<ul style="list-style-type: none"> <li>- No elevator present when required</li> <li>- Elevator cab too small</li> </ul>	<ul style="list-style-type: none"> <li>- Panel control buttons not at compliant height</li> <li>- No hands-free emergency communication system</li> <li>- Elevator only has mechanical stops</li> </ul>	<ul style="list-style-type: none"> <li>- Audible/visual signals at every floor may be lacking</li> <li>- Minor signage / Braille issues</li> </ul>
<b>Public Restrooms</b>	<ul style="list-style-type: none"> <li>- No ADA RR on each accessible floor</li> <li>- Restroom(s) too small</li> <li>- Entire restroom(s) requires renovation</li> <li>- Water closet clearance requires moving walls</li> </ul>	<ul style="list-style-type: none"> <li>- Interior doors appear less than 32" wide</li> <li>- Missing or non-compliant grab bars</li> <li>- Easily fixable clearance issues</li> </ul>	<ul style="list-style-type: none"> <li>- Minor height adjustments required</li> <li>- Non-compliant door pressures</li> <li>- Missing a visual strobe (only required if audible fire alarm already present)</li> <li>- Missing lavatory pipe wraps</li> <li>- Signage not compliant</li> </ul>

	Major Issues <i>(ADA study recommended)</i>	Moderate Issues <i>(ADA study recommended)</i>	Minor Issues
<b>Kitchens/Kitchenettes</b>	<ul style="list-style-type: none"> <li>- Clear space for each appliance not present</li> <li>- Clearance between opposing counters too narrow</li> </ul>	<ul style="list-style-type: none"> <li>- Sink and counter too high</li> <li>- Sink knee and toe clearance not provided where required (built-in)</li> <li>- Less than 50% of cabinetry within reach range</li> </ul>	<ul style="list-style-type: none"> <li>- Dispensers not within reach range</li> <li>- Switches not within reach range</li> <li>- Missing sink pipe wraps if knee and toe clearance required</li> </ul>
<b>Playgrounds &amp; Pools</b>	<ul style="list-style-type: none"> <li>- Large areas of surfacing non-compliant</li> <li>- Install compliant play structures</li> <li>- No pool lift provided</li> </ul>	<ul style="list-style-type: none"> <li>- Small area/s of surfacing or equipment non-compliant</li> <li>- Moderate issues with path of travel to playground/pool</li> </ul>	<ul style="list-style-type: none"> <li>- Minor issues with path of travel to playground/pool</li> </ul>

## Appendix F:

### Component Condition Report

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Component Condition Report | SO BURLINGTON HIGH SCHOOL - Main Building

UF L3 Code	Location	Category	Condition	Asset/Component/Repair	Quantity	Unit	RUL	ID
<b>Structure</b>								
B1010	Roof	Structure	Poor	Balcony Structure, Vertical Column Steel	60	LF	2	6959014
B1080	Site	Structure	Poor	Stair/Ramp Rails, Metal, Repair/Install	10	LF	0	6959262
B1080	Locker Room	Structure	Fair	Stair Treads, Raised Rubber Tile	5,000	SF	5	6959202
B1080	Stairwells	Structure	Fair	Stair/Ramp Rails, Metal, Refinish	1,000	LF	4	6958963
B1080	Stairwells	Structure	Fair	Stair Treads, Raised Rubber Tile	3,000	SF	5	6959053
<b>Facade</b>								
B2010	Building Exterior	Facade	Fair	Exterior Walls, Brick Veneer	28,000	SF	10	6959283
B2010	Building Exterior	Facade	Fair	Exterior Walls, Vinyl Siding	1,300	SF	6	6959056
B2010	Classrooms	Facade	Fair	Sound Absorbing Panels, Fabric Faced, Up to 4 ft sq, Movable	5,000	SF	8	6959028
B2010	Building Exterior	Facade	Good	Exterior Walls, Vinyl Siding	2,100	SF	28	6935373
B2010	Building Exterior	Facade	Fair	Exterior Walls, Vinyl Siding	3,000	SF	18	6935383
B2010	Building Exterior	Facade	Poor	Caulking, Cold Joints, 0" to 1/2"	3,000	LF	0	6959208
B2020	Building Exterior	Facade	Good	Window, Aluminum Double-Glazed, 16-25 SF	416		22	6959182
B2020	Vestibule	Facade	Fair	Window, Ribbon/Banded Style, Aluminum-Framed (by SF)	180	SF	7	6958975
B2020	Building Exterior	Facade	Fair	Storefront, Glazing & Framing	220	SF	7	6959086
B2020	Building Exterior	Facade	Good	Window, Aluminum Double-Glazed, 28-40 SF	235		22	6959139
B2020	Building exterior	Facade	Fair	Screens & Shutters, Rolling Security Shutter, 55 to 100 SF	4		8	6935409
B2020	Cafeteria	Facade	Fair	Screens & Shutters, Rolling Security Shutter, 55 to 100 SF	3		6	6959093
B2020	Building Exterior	Facade	Fair	Window, Vinyl-Clad Double-Glazed, 16-25 SF	4		18	6935401
B2020	Building Exterior	Facade	Fair	Storefront, Glazing & Framing	80	SF	5	6959216
B2050	Building Exterior	Facade	Good	Exterior Door, Steel, Standard	5		38	6935396
B2050	Building Exterior	Facade	Fair	Overhead/Dock Door, Aluminum, 12'x12' (144 SF)	1		6	6958986
B2050	Building Exterior	Facade	Good	Exterior Door, Steel, Standard	2		28	6935385
B2050	Vestibule	Facade	Good	Automatic Door Opener, Accessibility, Pedestal or Wall-Mounted	6		14	6962276
B2050	Building Exterior	Facade	Poor	Exterior Door, Steel, Standard	29		2	6958991
<b>Roofing</b>								
B3010	Roof	Roofing	Fair	Roofing, Modified Bitumen	15,400	SF	3	6962274
B3010	Roof	Roofing	Fair	Roofing, Asphalt Shingle, 30-Year Premium	1,250	SF	18	6959179
B3010	Roof	Roofing	Fair	Roofing, Single-Ply Membrane, TPO/PVC	12,800	SF	8	6959269
B3010	Roof	Roofing	Fair	Roofing, Single-Ply Membrane, TPO/PVC	43,500	SF	5	6959065
B3010	Roof	Roofing	Fair	Roofing, Built-Up	8,000	SF	3	6962277
<b>Interiors</b>								
C1010	Throughout building	Interiors	Fair	Interior Wall, Brick	15,000	SF	10	6958952
C1010	Classrooms	Interiors	Fair	Interior Wall, Movable Partitions, Fabric 8 to 10' Height	60	LF	5	6959122
C1020	Throughout building	Interiors	Fair	Interior Window, Fixed, 12 SF	127		10	6959180
C1030	Throughout building	Interiors	Fair	Interior Door, Steel, Standard	38		12	6959007
C1030	Throughout building	Interiors	Fair	Interior Door, Wood, Solid-Core	416		12	6958936
C1030	Throughout building	Interiors	Fair	Door Hardware, School, per Door	449		2	6959255

UF L3 Code	Location	Category	Condition	Asset/Component/Repair	Quantity	Unit	RUL	ID
C1030	Office	Interiors	Good	Interior Door, Steel, Standard	1		38	6935377
C1070	Classrooms	Interiors	Fair	Suspended Ceilings, Acoustical Tile (ACT)	17,000	SF	5	6959119
C1070	Classrooms	Interiors	Fair	Suspended Ceilings, Hard Tile, Replacement w/ ACT	14,000	SF	6	6959165
C1070	Throughout building	Interiors	Fair	Suspended Ceilings, Acoustical Tile (ACT)	113,000	SF	5	6959090
C1090	Throughout building	Interiors	Fair	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H	1,033		8	6959085
C1090	Locker Room	Interiors	Fair	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H	1,024		7	6958939
C1090	Locker Room	Interiors	Fair	Toilet Partitions, Wood	26		5	6959069
C1090	Restrooms	Interiors	Good	Toilet Partitions, Plastic/Laminate	8		18	6935390
C1090	Restrooms	Interiors	Fair	Toilet Partitions, Plastic/Laminate	10		12	6959062
C1090	Restrooms	Interiors	Fair	Toilet Partitions, Metal	6		5	6959201
C2010	Restrooms	Interiors	Fair	Wall Finishes, Ceramic Tile	15,000	SF	10	6959024
C2010	Throughout building	Interiors	Fair	Wall Finishes, any surface, Prep & Paint	320,000	SF	5	6959141
C2010	Building Exterior	Interiors	Fair	Wall Finishes, Granite Veneer	12,000	SF	21	6959127
C2010	Throughout building	Interiors	Fair	Wall Finishes, any surface, Prep & Paint	1,320	SF	4	6935376
C2010	Restrooms	Interiors	Good	Wall Finishes, Laminated Paneling (FRP)	250	SF	28	6935387
C2010	Gymnasium	Interiors	Fair	Panel System, Interior Partitions, Padded, 40' to 50' x 10' to 15'	1,500	SF	5	6959049
C2010	Gymnasium	Interiors	Fair	Wall Finishes, Wood Paneling, Plywood	5,000	SF	5	6959147
C2030	Throughout building	Interiors	Good	Flooring, any surface, w/ Paint or Sealant, Prep & Paint	1,500	SF	8	6935394
C2030	Gymnasium	Interiors	Fair	Flooring, Maple Sports Floor, Refinish	8,000	SF	3	6959051
C2030	Theater	Interiors	Fair	Flooring, Wood, Strip, Refinish	3,000	SF	4	6959089
C2030	Throughout building	Interiors	Good	Flooring, Carpet, Commercial Tile	43,000	SF	7	6959019
C2030	Restrooms	Interiors	Fair	Flooring, Ceramic Tile	5,000	SF	10	6959247
C2030	Kitchen	Interiors	Fair	Flooring, Quarry Tile	500	SF	10	6959050
C2030	Throughout building	Interiors	Fair	Flooring, Vinyl Tile (VCT)	600	SF	7	6935386
C2030	Classrooms	Interiors	Fair	Flooring, any surface, w/ Paint or Sealant, Prep & Paint	2,600	SF	4	6958941
C2030	Classrooms	Interiors	Good	Flooring, Vinyl Sheeting	3,000	SF	12	6959299
C2030	Locker Room	Interiors	Fair	Flooring, Rubber Tile	8,000	SF	6	6959249
C2030	Electrical room	Interiors	Fair	Flooring, Vinyl Tile (VCT), w/ Asbestos Abatement	500	SF	5	6958961
C2030	Throughout building	Interiors	Fair	Flooring, Vinyl Tile (VCT)	90,000	SF	5	6959057
C2050	Throughout building	Interiors	Fair	Ceiling Finishes, Wood Paneling	600	SF	18	6935370
C2050	Restrooms	Interiors	Fair	Ceiling Finishes, any flat surface, Prep & Paint	26,000	SF	3	6958979
C2050	Throughout building	Interiors	Good	Ceiling Finishes, any flat surface, Prep & Paint	1,500	SF	8	6935392
<b>Conveying</b>								
D1010	Elevator	Conveying	Fair	Elevator Controls, Automatic, 1 Car	1		13	6959138
D1010	Elevator	Conveying	Good	Passenger Elevator, Hydraulic, 5 Floors, Renovate	1		23	6959235
D1010	Locker Room	Conveying	Failed	Vertical Lift, Wheelchair, 5' Rise, Renovate	1		0	6959256
D1010	Elevator	Conveying	Fair	Elevator Cab Finishes, Standard	1		8	6959244
<b>Plumbing</b>								
D2010	Classrooms	Plumbing	Fair	Sink/Lavatory, Vanity Top, Stainless Steel	12		5	6959157
D2010	Restrooms	Plumbing	Fair	Sink/Lavatory, Wall-Hung, Vitreous China	55		5	6959298
D2010	Nurse	Plumbing	Fair	Sink/Lavatory, Vanity Top, Enameled Steel	6		5	6959081
D2010	Kitchen	Plumbing	Fair	Sink/Lavatory, Commercial Kitchen, 2-Bowl	1		7	6958943
D2010	Locker Room	Plumbing	Fair	Shower, Enameled Steel	7		3	6958931
D2010	Restrooms	Plumbing	Fair	Urinal, Standard	12		5	6959148

UF L3 Code	Location	Category	Condition	Asset/Component/Repair	Quantity	Unit	RUL	ID
D2010	Library	Plumbing	Fair	Backflow Preventer, Domestic Water	1		5	6959176
D2010	Throughout building	Plumbing	Good	Sink/Lavatory, Service Sink, Laundry	1		22	6935380
D2010	Throughout building	Plumbing	Good	Sink/Lavatory, Commercial Kitchen, 3-Bowl	1		22	6935375
D2010	Mechanical room	Plumbing	Fair	Water Heater, Electric, Residential	2		7	6935410
D2010	Building exterior	Plumbing	Fair	Drinking Fountain, Wall-Mounted, Single-Level	1		7	6935397
D2010	Restrooms	Plumbing	Good	Urinal, Standard	2		28	6935371
D2010	Classrooms	Plumbing	Fair	Sink/Lavatory, Commercial Kitchen, 2-Bowl	2		10	6958956
D2010	Utility closet	Plumbing	Fair	Sink/Lavatory, Service Sink, Floor	6		7	6959154
D2010	Classrooms	Plumbing	Fair	Sink/Lavatory, Classroom, 1-Bowl	1		7	6959231
D2010	Locker Room	Plumbing	Fair	Sink/Lavatory, Service Sink, Laundry	1		17	6959304
D2010	Classrooms	Plumbing	Fair	Emergency Plumbing Fixtures, Eye Wash	10		5	6959297
D2010	Library	Plumbing	Fair	Water Heater, Electric, Residential	1		3	6959259
D2010	Boiler room	Plumbing	Fair	Storage Tank, Domestic Water	1		7	6959128
D2010	Utility closet	Plumbing	Fair	Water Heater, Electric, Residential	1		3	6959233
D2010	Throughout building	Plumbing	Fair	Plumbing System, Supply & Sanitary, Medium Density (excludes fixtures)	157,000	SF	3	6959275
D2010	Boiler room	Plumbing	Fair	Water Heater, Electric, Residential	1		5	6959257
D2010	Restrooms	Plumbing	Good	Toilet, Commercial Water Closet	9		28	6935378
D2010	Restrooms	Plumbing	Fair	Toilet, Commercial Water Closet	49		5	6959158
D2010	Throughout building	Plumbing	Good	Sink/Lavatory, Wall-Hung, Vitreous China	1		22	6935381
D2010	Kitchen	Plumbing	Fair	Sink/Lavatory, Commercial Kitchen, 3-Bowl	1		7	6959254
D2010	Locker Room	Plumbing	Fair	Shower, Ceramic Tile	37		2	6959171
D2010	Classrooms	Plumbing	Fair	Shower, Fiberglass	1		10	6959031
D2010	Electrical room	Plumbing	Fair	Water Heater, Electric, Residential	1		3	6959143
D2010	Throughout building	Plumbing	Good	Sink/Lavatory, Wall-Hung, Vitreous China	6		28	6935395
D2010	Throughout building	Plumbing	Good	Drinking Fountain, Wall-Mounted, Single-Level	14		11	6958934
D2010	Classrooms	Plumbing	Fair	Emergency Plumbing Fixtures, Eye Wash & Shower Station	3		5	6958998
D2010	Mechanical room	Plumbing	Good	Backflow Preventer, Domestic Water	1		28	6935374
D2010	Restrooms	Plumbing	Good	Sink/Lavatory, Vanity Top, Solid Surface or Vitreous China	3		27	6959055
D2010	Boiler room	Plumbing	Fair	Backflow Preventer, Domestic Water	1		5	6958969
D2010	Mechanical room	Plumbing	Good	Water Heater, Electric, Residential	1		13	6935399
D2030	Mechanical room	Plumbing	Fair	Pump, Sump	1		5	6959302
D2060	Boiler room	Plumbing	Fair	Supplemental Components, Compressed Air Dryer, Process Support	1		12	6959058
D2060	Boiler room	Plumbing	Fair	Air Compressor, Tank-Style	1		5	6959078
<b>HVAC</b>								
D3020	Boiler room	HVAC	Fair	Unit Heater, Hydronic	1		8	6958955
D3020	Boiler room	HVAC	Fair	Boiler Supplemental Components, Expansion Tank	1		12	6959074
D3020	Electrical room	HVAC	Fair	Unit Heater, Hydronic	6		5	6959248
D3020	Mechanical room	HVAC	Fair	Unit Heater, Electric	1		5	6959113
D3020	Boiler room	HVAC	Fair	Boiler Supplemental Components, Expansion Tank	1		12	6959251
D3020	Throughout building	HVAC	Fair	Radiator, Hydronic, Baseboard (per LF)	900	LF	5	6959075
D3020	Boiler room	HVAC	Fair	Boiler Supplemental Components, Shot Feed Tank	1		7	6959140
D3020	Office	HVAC	Fair	Unit Heater, Hydronic	1		3	6959149
D3020	Vestibule	HVAC	Fair	Radiator, Hydronic, Column/Cabinet Style (per EA)	9		5	6959287

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D3020	Boiler room	HVAC	Fair	Boiler, Gas, HVAC, 2501 to 5000 MBH	2		7	6959267
D3030	Roof	HVAC	Fair	Split System Ductless, Single Zone	1		2	6959215
D3030	Building exterior	HVAC	Fair	Split System, Condensing Unit/Heat Pump	1		3	6959159
D3030	Roof	HVAC	Fair	Split System Ductless, Single Zone	1		4	6959151
D3030	Site	HVAC	Fair	Split System Ductless, Single Zone	1		3	6959160
D3030	Roof	HVAC	Fair	Split System Ductless, Single Zone, 2.5 to 3 TON	1		2	6959204
D3030	Building exterior	HVAC	Fair	Split System, Condensing Unit/Heat Pump	1		3	6959020
D3030	Boiler room	HVAC	Good	Glycol Feed System, Automated	1		23	6959045
D3030	Roof	HVAC	Fair	Split System, Condensing Unit/Heat Pump	1		3	6959224
D3030	Server	HVAC	Good	Split System Ductless, Single Zone	1		12	6959196
D3030	Roof	HVAC	Fair	Split System, Condensing Unit/Heat Pump	1		3	6959177
D3030	Classrooms	HVAC	Fair	Unit Ventilator, approx/nominal 3 Ton	40		5	6959032
D3030	Roof	HVAC	Fair	Split System, Condensing Unit/Heat Pump	1		3	6959096
D3030	Server	HVAC	Fair	Split System Ductless, Single Zone	1		4	6959131
D3030	Classrooms	HVAC	Fair	Split System Ductless, Single Zone	1		3	6958948
D3050	Roof	HVAC	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 8 to 10 TON	3		3	6959272
D3050	Mechanical room	HVAC	Fair	Air Handler, Interior AHU, Easy/Moderate Access [Ahu-2]	1		4	6958992
D3050	Boiler room	HVAC	Fair	Supplemental Components, Air Separator, HVAC	1		7	6959306
D3050	Boiler room	HVAC	Fair	Pump, Distribution, HVAC Heating Water	2		8	6959232
D3050	Mechanical room	HVAC	Fair	Air Handler, Interior AHU, Easy/Moderate Access [Ahu-4]	1		4	6959030
D3050	Throughout building	HVAC	Fair	HVAC System, Ductwork, Medium Density	157,000	SF	5	6958959
D3050	Storage	HVAC	Fair	Fan Coil Unit, Hydronic Terminal [Zone 22]	3		5	6959271
D3050	Roof	HVAC	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 6 to 7.5 TON	1		5	6958930
D3050	Mechanical room	HVAC	Fair	Air Handler, Interior AHU, Easy/Moderate Access [Ahu-1]	1		5	6959108
D3050	Roof	HVAC	Fair	Packaged Unit, RTU, Pad or Roof-Mounted, 11 to 12.5 TON	1		4	6959044
D3050	Boiler room	HVAC	Good	Pump, Distribution, HVAC Heating Water	2		18	6959002
D3050	Roof	HVAC	Fair	Packaged Unit, RTU, Pad or Roof-Mounted	1		4	6959282
D3050	Locker Room	HVAC	Fair	Fan Coil Unit, Hydronic Terminal	14		3	6959027
D3050	Theater	HVAC	Fair	Air Handler, Interior AHU, Easy/Moderate Access	2		4	6959295
D3050	Roof	HVAC	Fair	Packaged Unit, RTU, Pad or Roof-Mounted	1		3	6959106
D3050	Throughout building	HVAC	Fair	HVAC System, Hydronic Piping, 2-Pipe	157,000	SF	5	6958987
D3050	Roof	HVAC	Fair	Packaged Unit, RTU, Pad or Roof-Mounted	1		4	6959288
D3050	Roof	HVAC	Fair	Packaged Unit, RTU, Pad or Roof-Mounted	1		5	6959225
D3060	Mechanical room	HVAC	Fair	Exhaust Fan, Centrifugal, 16" Damper [Ef1]	1		4	6958974
D3060	Mechanical room	HVAC	Fair	Exhaust Fan, Centrifugal, 28" Damper [Ef-3]	1		4	6959000
D3060	Mechanical room	HVAC	Fair	Exhaust Fan, Centrifugal, 16" Damper [Ef-2]	1		3	6959046
D3060	Roof	HVAC	Fair	Exhaust Fan, Roof or Wall-Mounted, 16" Damper	7		7	6959040
<b>Fire Protection</b>								
D4010	Library	Fire Protection	Fair	Fire Suppression System, Existing Sprinkler Heads, per EA	16,000		7	6959021
D4010	Library	Fire Protection	Fair	Backflow Preventer, Fire Suppression, 3 IN	1		12	6967498

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D4010	Kitchen	Fire Protection	Fair	Fire Suppression System, Commercial Kitchen, per LF of Hood	12	LF	6	6959189
D4010	Building exterior	Fire Protection	Fair	Supplemental Components, Fire Department Connection, Double	1		7	6959293
D4030	Kitchen	Fire Protection	Fair	Fire Extinguisher, Wet Chemical/CO2	1		5	6958947
D4030	Throughout building	Fire Protection	Fair	Fire Extinguisher, Type ABC, up to 20 LB	40		5	6959095
D4030	Throughout building	Fire Protection	Fair	Fire Extinguisher, Type ABC, up to 20 LB	2		5	6935367
<b>Electrical</b>								
D5010	Electrical room	Electrical	Fair	Supplemental Components, Capacitor Bank, 200 kVAR	1		5	6959153
D5020	Storage	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6959117
D5020	Mechanical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		17	6959172
D5020	Building exterior	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		18	6959060
D5020	Throughout building	Electrical	Fair	Distribution Panel, 277/480 V	9		7	6959084
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6959111
D5020	Mechanical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	3		7	6959226
D5020	Mechanical room	Electrical	Fair	Distribution Panel, 120/240 V	1		18	6935402
D5020	Electrical room	Electrical	Fair	Switchboard, 277/480 V	1		6	6959022
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	2		7	6959104
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	2		7	6959303
D5020	Electrical room	Electrical	Fair	Distribution Panel, 277/480 V	1		7	6959100
D5020	Building exterior	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		18	6935368
D5020	Electrical room	Electrical	Fair	Distribution Panel, 277/480 V	1		7	6959290
D5020	Electrical room	Electrical	Fair	Distribution Panel, 277/480 V	5		7	6959197
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6959039
D5020	Mechanical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6958978
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6958982
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		6	6959067
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6959242
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		12	6958954
D5020	Throughout building	Electrical	Fair	Distribution Panel, 120/208 V	37		7	6958989
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		17	6959253
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6959038
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6959091
D5020	Electrical room	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		15	6959265
D5020	Electrical room	Electrical	Good	Secondary Transformer, Dry, Stepdown	1		22	6958932
D5020	Classrooms	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		7	6959156
D5020	Kitchen	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		12	6959126
D5020	Office	Electrical	Fair	Secondary Transformer, Dry, Stepdown	1		9	6958957
D5020	Electrical room	Electrical	Fair	Distribution Panel, 277/480 V	1		7	6959094
D5020	Electrical room	Electrical	Fair	Switchboard, 277/480 V	1		7	6959243
D5030	Throughout building	Electrical	Fair	Electrical System, Wiring & Switches, High Density/Complexity	157,000	SF	12	6959142
D5030	Mechanical room	Electrical	Good	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [Ahu-1]	1		15	6959284
D5030	Mechanical room	Electrical	Good	Variable Frequency Drive, VFD, by HP of Motor, Replace/Install [Ef-3]	1		15	6959161

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D5040	Mechanical room	Electrical	Fair	Lighting Controls, Dimming Panel, Digital Time Control Clock & Photosensor	1		6	6958965
D5040	Throughout building	Electrical	Fair	Interior Lighting System, Full Upgrade, Medium Density & Standard Fixtures	157,000	SF	2	6959036
D5080	Office	Electrical	Fair	Surge Protector, Wall Mounted, 270/480V	1		5	6959011
<b>Fire Alarm &amp; Electronic Systems</b>								
D6060	Throughout	Fire Alarm & Electronic Systems	Fair	Intercom/PA System, Intercom System Upgrade, Facility-Wide	157,000	SF	9	6959178
D6060	Office	Fire Alarm & Electronic Systems	Fair	Clock System, Employee Attendance System, Biometric or RFID	1		3	6959203
D7010	Throughout building	Fire Alarm & Electronic Systems	Fair	Intrusion Detection System, Full Alarm System Renovation/Upgrade, Upgrade/Install	157,000	SF	7	6959294
D7030	Throughout building	Fire Alarm & Electronic Systems	Fair	Security/Surveillance System, Full System Upgrade, Average Density	157,000	SF	5	6959291
D7050	Throughout building	Fire Alarm & Electronic Systems	Fair	Fire Alarm System, Full System Upgrade, Standard Addressable, Install	157,000	SF	4	6959017
D7050	Kitchen	Fire Alarm & Electronic Systems	Fair	Alarm System, CO2	1		7	6959162
D7050	Office	Fire Alarm & Electronic Systems	Fair	Fire Alarm Panel, Fully Addressable	1		4	6959135
D7050	Vestibule	Fire Alarm & Electronic Systems	Fair	Fire Alarm Panel, Annunciator	2		2	6958927
D8010	Throughout building	Fire Alarm & Electronic Systems	Excellent	BAS/HVAC Controls, Basic System or Legacy Upgrades, Install	157,000	SF	15	6959245
<b>Equipment &amp; Furnishings</b>								
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Evaporator for Refrigerator/Freezer	1		4	6959228
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Dishwasher Commercial	1		4	6959213
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Dairy Cooler/Wells	1		2	6959164
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Evaporator for Refrigerator/Freezer	1		4	6959238
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Freezer	1		7	6959188
E1030	Building exterior	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1		3	6959181
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Exhaust Hood, 8 to 10 LF	1		7	6959300
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	3		4	6959125
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Exhaust Hood, 3 to 6 LF	1		4	6958983
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Food Warmer, Proofing Cabinet on Wheels	3		10	6959212
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Dairy Cooler/Wells	1		8	6959041
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Garbage Disposal, 1 to 3 HP	1		6	6959276
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Tilting Skillet	1		4	6959305
E1030	Locker Room	Equipment & Furnishings	Fair	Foodservice Equipment, Ice maker, Freestanding	1		6	6959043
E1030	Building exterior	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1		7	6959025
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Range/Oven, 6-Burner	1		5	6959130
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Prep Table Refrigerated, Salad/Sandwich	1		4	6959063
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Exhaust Hood, 3 to 6 LF	1		7	6958935

UF L3 Code	Location	Category	Condition	Asset/Component/Repair	Quantity	Unit	RUL	ID
E1030	Building exterior	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1		4	6959013
E1030	Building exterior	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Condenser for Refrigerator/Freezer	1		7	6958945
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Steamer, Tabletop	1		4	6959061
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Steamer, Tabletop	2		4	6959236
E1030	Kitchen	Equipment & Furnishings	Poor	Foodservice Equipment, Walk-In, Refrigerator	1		0	6958973
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Convection Oven, Double	1		2	6959018
E1030	Kitchen	Equipment & Furnishings	Good	Foodservice Equipment, Steam Kettle	1		18	6959220
E1030	Classrooms	Equipment & Furnishings	Fair	Foodservice Equipment, Range/Oven, 6-Burner	1		10	6959137
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Freezer	1		7	6959219
E1030	Kitchen	Equipment & Furnishings	Fair	Foodservice Equipment, Walk-In, Evaporator for Refrigerator/Freezer	1		3	6959230
E1040	Classrooms	Equipment & Furnishings	Fair	Laboratory Equipment, Exhaust Hood, Constant Volume 4 LF	2		5	6959227
E1040	Classrooms	Equipment & Furnishings	Fair	Laboratory Equipment, Dust Collection System	1		7	6959239
E1040	Building exterior	Equipment & Furnishings	Fair	Healthcare Equipment, Defibrillator (AED), Cabinet-Mounted	1		5	6935388
E1040	Classrooms	Equipment & Furnishings	Fair	Laboratory Equipment, Lab Sink, Epoxy Resin	64		10	6958994
E1040	Lobby	Equipment & Furnishings	Fair	Healthcare Equipment, Defibrillator (AED), Cabinet-Mounted	2		5	6959264
E1070	Theater	Equipment & Furnishings	Fair	Theater & Stage Equipment, Flameproof Curtain, Medium Weight Velour	3,000	SF	7	6959206
E1090	Kitchen	Equipment & Furnishings	Fair	Commercial Kitchen Equipment, Pizza Oven, Gas	2		4	6958933
E2010	Classrooms	Equipment & Furnishings	Fair	Casework, Cabinetry, Hardwood Standard	1,880	LF	7	6959146
E2010	Site	Equipment & Furnishings	Fair	Bleachers, Fixed Steel Frame, Aluminum Benches (per Seat)	1,000		13	6959101
E2010	Site	Equipment & Furnishings	Fair	Bleachers, Fixed Steel Frame, Aluminum Benches (per Seat)	150		12	6959207
E2010	Classrooms	Equipment & Furnishings	Poor	Casework, Countertop, Plastic Laminate	1,640	LF	1	6959289
E2010	Theater	Equipment & Furnishings	Fair	Fixed Seating, Auditorium/Theater, Metal Cushioned Deluxe	480		5	6959286
E2010	Gymnasium	Equipment & Furnishings	Fair	Bleachers, Telescoping Power-Operated, up to 15 Tier (per Seat)	350		5	6958997
<b>Special Construction &amp; Demo</b>								
F1020	Site	Special Construction & Demo	Good	Ancillary Building, Wood-Framed or CMU, Basic/Minimal	1,500	SF	33	6959205
F1020	Site	Special Construction & Demo	Fair	Shed/Gazebo/Shade Structure, Wood or Metal-Framed, Standard	50	SF	17	6958988
F1020	Site	Special Construction & Demo	Fair	Shed/Gazebo/Shade Structure, Wood or Metal-Framed, Basic/Minimal	96	SF	5	6959109
F1020	Site	Special Construction & Demo	Good	Ancillary Building, Steel, Pre-Engineered	800	SF	34	6959064
F1050	Locker Room	Special Construction & Demo	Fair	Whirlpool/Hot Tub, Large	1		2	6959077
<b>Pedestrian Plazas &amp; Walkways</b>								
G2020	Site	Pedestrian Plazas & Walkways	Poor	Parking Lots, Pavement, Asphalt, Mill & Overlay	50,700	SF	1	6959136
G2020	Site	Pedestrian Plazas & Walkways	Poor	Parking Lots, Pavement, Asphalt, Seal & Stripe	50,700	SF	0	6966339
G2030	Site	Pedestrian Plazas & Walkways	Fair	Sidewalk, Concrete, Large Areas	5,000	SF	17	6959026

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G2030	Site	Pedestrian Plazas & Walkways	Fair	Sidewalk, Asphalt	6,600	SF	13	6959268
G2030	Site	Pedestrian Plazas & Walkways	Fair	Sidewalk, Brick/Masonry Pavers	800	SF	17	6959307
<b>Athletic, Recreational &amp; Playfield Areas</b>								
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Athletic Surfaces & Courts, Baseball/Football, Artificial Turf	15,000	SF	5	6959169
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Scoreboard, Electronic Standard	1		7	6959003
G2050	Site	Athletic, Recreational & Playfield Areas	Good	Sports Lighting, Field Lighting, Pole Light Fixture w/ Lamps	4		37	6959187
G2050	Site	Athletic, Recreational & Playfield Areas	Good	Lake Dock/Pier, Decking & Structure, Wood Pile-Supported	120	SF	24	6959301
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Soccer, Movable Practice Goal	10		6	6959170
G2050	Gymnasium	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Basketball, Backboard/Rim/Pole	6		7	6959258
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball, Dugout	6		4	6958980
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Athletic Surfaces, Diamond Field, Infield Soil, Maintain	3		2	6958926
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball/Football, Protective Netting	3,000	SF	5	6959042
G2050	Site	Athletic, Recreational & Playfield Areas	Good	Sports Apparatus, Tennis/Volleyball, Net w/ Posts & Anchors	3		15	6959193
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball, Batting Cage	1		7	6959010
G2050	Site	Athletic, Recreational & Playfield Areas	Good	Playfield Surfaces, Artificial Play Turf	3,500	SF	12	6959184
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Scoreboard, Electronic Standard	2		12	6959186
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball, Batting Cage	2		10	6959174
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball/Football, Protective Netting	3,000	SF	6	6959218
G2050	Gymnasium	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball, Batting Cage	1		7	6958984
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Athletic Surfaces & Courts, Tennis/Volleyball, 2-Color Surface, Seal & Stripe	18,700	SF	5	6958953
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball, Backstop Chain-Link	3		5	6959175
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Player/Dugout Benches, 12' Length	6		7	6959237
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Scoreboard, Electronic Standard	1		13	6959099
G2050	Gymnasium	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Scoreboard, Electronic Standard	2		12	6959048
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Football, Goal Post	5		13	6959112
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball, Foul Pole	2		5	6958977
G2050	Gymnasium	Athletic, Recreational & Playfield Areas	Fair	Sports Apparatus, Baseball/Football, Protective Netting	1,500	SF	7	6959210
G2050	Site	Athletic, Recreational & Playfield Areas	Fair	Sports Court Lighting, Pole Light Fixture w/ Lamps	6		17	6959033
G2050	Site	Athletic, Recreational & Playfield Areas	Good	Sports Apparatus, Soccer, Regulation Goal	8		15	6958938
<b>Sitework</b>								
G2060	Site	Sitework	Fair	Picnic Table, Metal Powder-Coated	4		7	6959279
G2060	Site	Sitework	Good	Fences & Gates, Fence, Chain Link 4'	700	LF	27	6958964
G2060	Site	Sitework	Fair	Flagpole, Metal	7		7	6959241
G2060	Site	Sitework	Fair	Park Bench, Precast Concrete	3		10	6959072
G2060	Site	Sitework	Fair	Fences & Gates, Fence, Chain Link 8'	550	LF	17	6959080
G2060	Site	Sitework	Fair	Fences & Gates, Fence, Chain Link 6'	800	LF	17	6959200
G2060	Site	Sitework	Fair	Bike Rack, Fixed 6-10 Bikes	4		7	6959192
G2060	Site	Sitework	Fair	Park Bench, Metal Powder-Coated	2		8	6959195
G2060	Site	Sitework	Fair	Trash Receptacle, Medium-Duty Metal or Precast	11		7	6959168

UF L3 Code	Location	Category	Condition	Asset/Component/Repair	Quantity	Unit	RUL	ID
G2060	Site	Sitework	Fair	Signage, Property, Building-Mounted Individual Letters, Replace/Install	50		7	6959211
G2060	Site	Sitework	Fair	Signage, Property, Building or Pole-Mounted, Replace/Install	1		8	6959167
G2060	Site	Sitework	Fair	Picnic Table, Wood/Composite/Fiberglass	3		7	6959008
G2060	Site	Sitework	Good	Fences & Gates, Fence, Metal Tube 4'	250	LF	28	6959054
G2060	Site	Sitework	Fair	Retaining Wall, Concrete Cast-in-Place	75	SF	12	6959083
G2080	Site	Sitework	Fair	Landscaping, Turf/Sod	5,000	SF	3	6959105
G2080	Site	Sitework	Poor	Landscaping, Turf/Sod, Replace/Install	10,000	SF	2	6960809
G4050	Building exterior	Sitework	Good	Exterior Fixture w/ Lamp, any type, w/ LED Replacement	1		18	6935379
G4050	Building exterior	Sitework	Fair	Exterior Fixture w/ Lamp, any type, w/ LED Replacement	6		2	6959034
G4050	Site	Sitework	Good	Pole Light Fixture w/ Lamps, any type 30' High, w/ LED Replacement, Replace/Install	11		18	6958949
G4050	Site	Sitework	Fair	Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, Replace/Install	6		8	6959252
G4050	Building exterior	Sitework	Good	Exterior Fixture w/ Lamp, any type, w/ LED Replacement	12		17	6958976
<b>Accessibility</b>								
Y1090	Throughout	Accessibility	NA	ADA Miscellaneous, Level III Study, Includes Measurements, Evaluate/Report	1		0	6962275

## Appendix G: Replacement Reserves

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Replacement Reserves Report  
SO BURLINGTON HIGH SCHOOL - Main Building

2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	Total Escalated Estimate
\$73,365	\$267,234	\$1,189,799	\$2,530,832	\$1,040,735	\$6,551,679	\$383,983	\$5,793,001	\$1,123,182	\$320,322	\$2,981,499	\$23,255	\$1,754,299	\$465,305	\$143,515	\$1,875,115	\$131,586	\$1,436,837	\$437,483	\$182,189	\$1,527,582	\$30,232,797

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
B1010	6959014	Balcony Structure, Vertical Column Steel, Replace	75	73	2	60	LF	\$19.00	\$1,140			\$1,140																		\$1,140	
B1080	6959202	Stair Treads, Raised Rubber Tile, Replace	18	13	5	5000	SF	\$10.00	\$50,000						\$50,000															\$50,000	
B1080	6959053	Stair Treads, Raised Rubber Tile, Replace	18	13	5	3000	SF	\$10.00	\$30,000						\$30,000															\$30,000	
B1080	6959262	Stair/Ramp Rails, Metal, Repair/Install	0	3	0	10	LF	\$55.00	\$550	\$550																			\$550		
B1080	6958963	Stair/Ramp Rails, Metal, Refinish	10	6	4	1000	LF	\$1.50	\$1,500					\$1,500										\$1,500					\$3,000		
B2010	6959056	Exterior Walls, Vinyl Siding, Replace	30	24	6	1300	SF	\$6.00	\$7,800						\$7,800														\$7,800		
B2010	6959028	Sound Absorbing Panels, Fabric Faced, Up to 4 ft sq, Movable, Replace	25	17	8	5000	SF	\$17.10	\$85,500								\$85,500												\$85,500		
B2010	6959283	Exterior Walls, Brick Veneer, Replace	50	40	10	28000	SF	\$27.00	\$756,000										\$756,000										\$756,000		
B2010	6935383	Exterior Walls, Vinyl Siding, Replace	30	12	18	3000	SF	\$6.00	\$18,000																		\$18,000		\$18,000		
B2010	6959208	Caulking, Cold Joints, 0" to 1/2", Replace	10	28	0	3000	LF	\$3.50	\$10,500	\$10,500									\$10,500										\$10,500		
B2020	6935401	Window, Vinyl-Clad Double-Glazed, 16-25 SF, Replace	30	12	18	4	EA	\$900.00	\$3,600																		\$3,600		\$3,600		
B2020	6958975	Window, Ribbon/Banded Style, Aluminum-Framed (by SF), Replace	30	23	7	180	SF	\$55.00	\$9,900							\$9,900													\$9,900		
B2020	6959216	Storefront, Glazing & Framing, Replace	30	25	5	80	SF	\$55.00	\$4,400						\$4,400														\$4,400		
B2020	6959086	Storefront, Glazing & Framing, Replace	30	23	7	220	SF	\$55.00	\$12,100							\$12,100													\$12,100		
B2020	6959093	Screens & Shutters, Rolling Security Shutter, 55 to 100 SF, Replace	20	14	6	3	EA	\$2,000.00	\$6,000							\$6,000													\$6,000		
B2020	6935409	Screens & Shutters, Rolling Security Shutter, 55 to 100 SF, Replace	20	12	8	4	EA	\$2,000.00	\$8,000									\$8,000											\$8,000		
B2050	6958991	Exterior Door, Steel, Standard, Replace	40	38	2	29	EA	\$600.00	\$17,400			\$17,400																	\$17,400		
B2050	6958986	Overhead/Dock Door, Aluminum, 12'x12' (144 SF), Replace	30	24	6	1	EA	\$4,400.00	\$4,400							\$4,400													\$4,400		
B2050	6962276	Automatic Door Opener, Accessibility, Pedestal or Wall-Mounted, Replace	15	1	14	6	EA	\$2,500.00	\$15,000															\$15,000					\$15,000		
B3010	6959179	Roofing, Asphalt Shingle, 30-Year Premium, Replace	30	12	18	1250	SF	\$5.50	\$6,875																		\$6,875		\$6,875		
B3010	6962274	Roofing, Modified Bitumen, Replace	20	17	3	15400	SF	\$10.00	\$154,000				\$154,000																\$154,000		
B3010	6962277	Roofing, Built-Up, Replace	25	22	3	8000	SF	\$14.00	\$112,000				\$112,000																\$112,000		
B3010	6959065	Roofing, Single-Ply Membrane, TPO/PVC, Replace	20	15	5	43500	SF	\$17.00	\$739,500						\$739,500														\$739,500		
B3010	6959269	Roofing, Single-Ply Membrane, TPO/PVC, Replace	20	12	8	12800	SF	\$17.00	\$217,600									\$217,600											\$217,600		
C1010	6958952	Interior Wall, Brick, Replace	50	40	10	15000	SF	\$53.00	\$795,000										\$795,000										\$795,000		
C1010	6959122	Interior Wall, Movable Partitions, Fabric 8 to 10' Height, Replace	25	20	5	60	LF	\$29.40	\$1,764						\$1,764														\$1,764		
C1020	6959180	Interior Window, Fixed, 12 SF, Replace	40	30	10	127	EA	\$500.00	\$63,500											\$63,500									\$63,500		
C1030	6959007	Interior Door, Steel, Standard, Replace	40	28	12	38	EA	\$600.00	\$22,800													\$22,800							\$22,800		
C1030	6958936	Interior Door, Wood, Solid-Core, Replace	40	28	12	416	EA	\$700.00	\$291,200													\$291,200							\$291,200		
C1030	6959255	Door Hardware, School, per Door, Replace	30	28	2	449	EA	\$400.00	\$179,600			\$179,600																	\$179,600		
C1070	6959119	Suspended Ceilings, Acoustical Tile (ACT), Replace	25	20	5	17000	SF	\$3.50	\$59,500						\$59,500														\$59,500		
C1070	6959090	Suspended Ceilings, Acoustical Tile (ACT), Replace	25	20	5	113000	SF	\$3.50	\$395,500						\$395,500														\$395,500		
C1070	6959165	Suspended Ceilings, Hard Tile, Replacement w/ ACT, Replace	25	19	6	14000	SF	\$3.50	\$49,000						\$49,000														\$49,000		
C1090	6959069	Toilet Partitions, Wood, Replace	20	15	5	26	EA	\$500.00	\$13,000						\$13,000														\$13,000		
C1090	6959201	Toilet Partitions, Metal, Replace	20	15	5	6	EA	\$850.00	\$5,100						\$5,100														\$5,100		
C1090	6959062	Toilet Partitions, Plastic/Laminate, Replace	20	8	12	10	EA	\$750.00	\$7,500													\$7,500							\$7,500		
C1090	6935390	Toilet Partitions, Plastic/Laminate, Replace	20	2	18	8	EA	\$750.00	\$6,000																		\$6,000		\$6,000		
C1090	6958939	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H, Replace	20	13	7	1024	EA	\$500.00	\$512,000							\$512,000													\$512,000		
C1090	6959085	Lockers, Steel-Baked Enamel, 12" W x 15" D x 72" H, Replace	20	12	8	1033	EA	\$500.00	\$516,500							\$516,500													\$516,500		
C2010	6959024	Wall Finishes, Ceramic Tile, Replace	40	30	10	15000	SF	\$18.00	\$270,000										\$270,000										\$270,000		
C2010	6959049	Panel System, Interior Partitions, Padded, 40' to 50' x 10' to 15', Replace	20	15	5	1500	SF	\$74.25	\$111,375						\$111,375														\$111,375		
C2010	6959147	Wall Finishes, Wood Paneling, Plywood, Replace	30	25	5	5000	SF	\$6.00	\$30,000						\$30,000														\$30,000		
C2010	6935376	Wall Finishes, any surface, Prep & Paint	10	6	4	1320	SF	\$1.50	\$1,980					\$1,980									\$1,980						\$3,960		
C2010	6959141	Wall Finishes, any surface, Prep & Paint	10	5	5	320000	SF	\$1.50	\$480,000						\$480,000										\$480,000				\$960,000		
C2030	6958941	Flooring, any surface, w/ Paint or Sealant, Prep & Paint	10	6	4	2600	SF	\$1.50	\$3,900					\$3,900										\$3,900					\$7,800		

Unifomat 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	
C2030	6935394	Flooring, any surface, w/ Paint or Sealant, Prep & Paint	10	2	8	1500	SF	\$1.50	\$2,250									\$2,250												\$2,250	\$4,500	
C2030	6959247	Flooring, Ceramic Tile, Replace	40	30	10	5000	SF	\$18.00	\$90,000											\$90,000											\$90,000	
C2030	6959050	Flooring, Quarry Tile, Replace	50	40	10	500	SF	\$26.00	\$13,000											\$13,000											\$13,000	
C2030	6959089	Flooring, Wood, Strip, Refinish	10	6	4	3000	SF	\$4.00	\$12,000					\$12,000										\$12,000							\$24,000	
C2030	6958961	Flooring, Vinyl Tile (VCT), w/ Asbestos Abatement, Replace	15	10	5	500	SF	\$8.00	\$4,000						\$4,000															\$4,000	\$8,000	
C2030	6959057	Flooring, Vinyl Tile (VCT), Replace	15	10	5	90000	SF	\$5.00	\$450,000						\$450,000														\$450,000	\$900,000		
C2030	6959249	Flooring, Rubber Tile, Replace	15	9	6	8000	SF	\$9.00	\$72,000					\$72,000																	\$72,000	
C2030	6935386	Flooring, Vinyl Tile (VCT), Replace	15	8	7	600	SF	\$5.00	\$3,000								\$3,000														\$3,000	
C2030	6959299	Flooring, Vinyl Sheetting, Replace	15	3	12	3000	SF	\$7.00	\$21,000												\$21,000										\$21,000	
C2030	6959019	Flooring, Carpet, Commercial Tile, Replace	10	3	7	43000	SF	\$6.50	\$279,500								\$279,500											\$279,500			\$559,000	
C2030	6959051	Flooring, Maple Sports Floor, Refinish	10	7	3	8000	SF	\$5.00	\$40,000				\$40,000									\$40,000									\$80,000	
C2050	6935370	Ceiling Finishes, Wood Paneling, Replace	30	12	18	600	SF	\$14.00	\$8,400																			\$8,400			\$8,400	
C2050	6958979	Ceiling Finishes, any flat surface, Prep & Paint	10	7	3	26000	SF	\$2.00	\$52,000				\$52,000										\$52,000								\$104,000	
C2050	6935392	Ceiling Finishes, any flat surface, Prep & Paint	10	2	8	1500	SF	\$2.00	\$3,000									\$3,000										\$3,000			\$6,000	
D1010	6959244	Elevator Cab Finishes, Standard, Replace	15	7	8	1	EA	\$9,000.00	\$9,000									\$9,000													\$9,000	
D1010	6959138	Elevator Controls, Automatic, 1 Car, Replace	20	7	13	1	EA	\$5,000.00	\$5,000													\$5,000									\$5,000	
D1010	6959256	Vertical Lift, Wheelchair, 5' Rise, Renovate	25	28	0	1	EA	\$17,000.00	\$17,000	\$17,000																					\$17,000	
D2010	6959128	Storage Tank, Domestic Water, Replace	30	23	7	1	EA	\$9,000.00	\$9,000								\$9,000														\$9,000	
D2010	6959233	Water Heater, Electric, Residential, Replace	15	12	3	1	EA	\$650.00	\$650				\$650															\$650			\$1,300	
D2010	6959143	Water Heater, Electric, Residential, Replace	15	12	3	1	EA	\$900.00	\$900				\$900															\$900			\$1,800	
D2010	6959259	Water Heater, Electric, Residential, Replace	15	12	3	1	EA	\$900.00	\$900				\$900															\$900			\$1,800	
D2010	6959257	Water Heater, Electric, Residential, Replace	15	10	5	1	EA	\$1,600.00	\$1,600						\$1,600														\$1,600		\$3,200	
D2010	6935410	Water Heater, Electric, Residential, Replace	15	8	7	2	EA	\$550.00	\$1,100								\$1,100														\$1,100	
D2010	6935399	Water Heater, Electric, Residential, Replace	15	2	13	1	EA	\$550.00	\$550													\$550									\$550	
D2010	6959275	Plumbing System, Supply & Sanitary, Medium Density (excludes fixtures), Replace	40	37	3	157000	SF	\$11.00	\$1,727,000				\$1,727,000																		\$1,727,000	
D2010	6959176	Backflow Preventer, Domestic Water, Replace	30	25	5	1	EA	\$3,200.00	\$3,200						\$3,200																\$3,200	
D2010	6958969	Backflow Preventer, Domestic Water, Replace	30	25	5	1	EA	\$5,200.00	\$5,200						\$5,200																\$5,200	
D2010	6959171	Shower, Ceramic Tile, Replace	30	28	2	37	EA	\$2,500.00	\$92,500			\$92,500																			\$92,500	
D2010	6958931	Shower, Enameled Steel, Replace	20	17	3	7	EA	\$2,700.00	\$18,900				\$18,900																		\$18,900	
D2010	6959157	Sink/Lavatory, Vanity Top, Stainless Steel, Replace	30	25	5	12	EA	\$1,200.00	\$14,400						\$14,400																\$14,400	
D2010	6959298	Sink/Lavatory, Wall-Hung, Vitreous China, Replace	30	25	5	55	EA	\$1,500.00	\$82,500						\$82,500																\$82,500	
D2010	6959081	Sink/Lavatory, Vanity Top, Enameled Steel, Replace	30	25	5	6	EA	\$1,100.00	\$6,600						\$6,600																\$6,600	
D2010	6959148	Urinal, Standard, Replace	30	25	5	12	EA	\$1,100.00	\$13,200						\$13,200																	\$13,200
D2010	6959297	Emergency Plumbing Fixtures, Eye Wash, Replace	20	15	5	10	EA	\$1,500.00	\$15,000						\$15,000																	\$15,000
D2010	6959158	Toilet, Commercial Water Closet, Replace	30	25	5	49	EA	\$1,300.00	\$63,700						\$63,700																	\$63,700
D2010	6958998	Emergency Plumbing Fixtures, Eye Wash & Shower Station, Replace	20	15	5	3	EA	\$2,300.00	\$6,900						\$6,900																	\$6,900
D2010	6958943	Sink/Lavatory, Commercial Kitchen, 2-Bowl, Replace	30	23	7	1	EA	\$2,100.00	\$2,100								\$2,100															\$2,100
D2010	6959154	Sink/Lavatory, Service Sink, Floor, Replace	35	28	7	6	EA	\$800.00	\$4,800								\$4,800															\$4,800
D2010	6959231	Sink/Lavatory, Classroom, 1-Bowl, Replace	30	23	7	1	EA	\$1,600.00	\$1,600								\$1,600															\$1,600
D2010	6959254	Sink/Lavatory, Commercial Kitchen, 3-Bowl, Replace	30	23	7	1	EA	\$2,500.00	\$2,500								\$2,500															\$2,500
D2010	6935397	Drinking Fountain, Wall-Mounted, Single-Level, Replace	15	8	7	1	EA	\$1,200.00	\$1,200								\$1,200															\$1,200
D2010	6958956	Sink/Lavatory, Commercial Kitchen, 2-Bowl, Replace	30	20	10	2	EA	\$2,100.00	\$4,200											\$4,200												\$4,200
D2010	6959031	Shower, Fiberglass, Replace	20	10	10	1	EA	\$1,600.00	\$1,600											\$1,600												\$1,600
D2010	6958934	Drinking Fountain, Wall-Mounted, Single-Level, Replace	15	4	11	14	EA	\$1,200.00	\$16,800												\$16,800											\$16,800
D2010	6959304	Sink/Lavatory, Service Sink, Laundry, Replace	30	13	17	1	EA	\$900.00	\$900																			\$900			\$900	
D2030	6959302	Pump, Sump, Replace	15	10	5	1	EA	\$4,270.00	\$4,270						\$4,270															\$4,270	\$8,540	









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	
G2050	6959170	Sports Apparatus, Soccer, Movable Practice Goal, Replace	15	9	6	10	EA	\$700.00	\$7,000							\$7,000															\$7,000	
G2050	6959218	Sports Apparatus, Baseball/Football, Protective Netting, Replace	15	9	6	3000	SF	\$4.00	\$12,000							\$12,000															\$12,000	
G2050	6959258	Sports Apparatus, Basketball, Backboard/Rim/Pole, Replace	25	18	7	6	EA	\$9,500.00	\$57,000								\$57,000														\$57,000	
G2050	6959010	Sports Apparatus, Baseball, Batting Cage, Replace	15	8	7	1	EA	\$1,500.00	\$1,500								\$1,500														\$1,500	
G2050	6959003	Sports Apparatus, Scoreboard, Electronic Standard, Replace	25	18	7	1	EA	\$8,000.00	\$8,000								\$8,000														\$8,000	
G2050	6958984	Sports Apparatus, Baseball, Batting Cage, Replace	15	8	7	1	EA	\$1,500.00	\$1,500								\$1,500														\$1,500	
G2050	6959237	Sports Apparatus, Player/Dugout Benches, 12' Length, Replace	15	8	7	6	EA	\$450.00	\$2,700								\$2,700														\$2,700	
G2050	6959210	Sports Apparatus, Baseball/Football, Protective Netting, Replace	15	8	7	1500	SF	\$4.00	\$6,000								\$6,000														\$6,000	
G2050	6959174	Sports Apparatus, Baseball, Batting Cage, Replace	15	5	10	2	EA	\$1,500.00	\$3,000										\$3,000												\$3,000	
G2050	6959186	Sports Apparatus, Scoreboard, Electronic Standard, Replace	25	13	12	2	EA	\$8,000.00	\$16,000												\$16,000										\$16,000	
G2050	6959048	Sports Apparatus, Scoreboard, Electronic Standard, Replace	25	13	12	2	EA	\$8,000.00	\$16,000												\$16,000										\$16,000	
G2050	6959099	Sports Apparatus, Scoreboard, Electronic Standard, Replace	25	12	13	1	EA	\$8,000.00	\$8,000													\$8,000									\$8,000	
G2050	6959112	Sports Apparatus, Football, Goal Post, Replace	25	12	13	5	EA	\$5,000.00	\$25,000													\$25,000									\$25,000	
G2050	6959193	Sports Apparatus, Tennis/Volleyball, Net w/ Posts & Anchors, Replace	20	5	15	3	EA	\$1,400.00	\$4,200																\$4,200						\$4,200	
G2050	6958938	Sports Apparatus, Soccer, Regulation Goal, Replace	20	5	15	8	EA	\$2,500.00	\$20,000																\$20,000						\$20,000	
G2050	6959033	Sports Court Lighting, Pole Light Fixture w/ Lamps, Replace	50	33	17	6	EA	\$75,000.00	\$450,000																		\$450,000				\$450,000	
G2050	6958926	Athletic Surfaces, Diamond Field, Infield Soil, Maintain	4	2	2	3	EA	\$6,000.00	\$18,000			\$18,000				\$18,000			\$18,000				\$18,000					\$18,000			\$90,000	
G2050	6959184	Playfield Surfaces, Artificial Play Turf, Replace	15	3	12	3500	SF	\$20.00	\$70,000												\$70,000										\$70,000	
G2060	6959279	Picnic Table, Metal Powder-Coated, Replace	20	13	7	4	EA	\$700.00	\$2,800								\$2,800														\$2,800	
G2060	6959192	Bike Rack, Fixed 6-10 Bikes, Replace	20	13	7	4	EA	\$800.00	\$3,200								\$3,200														\$3,200	
G2060	6959168	Trash Receptacle, Medium-Duty Metal or Precast, Replace	20	13	7	11	EA	\$700.00	\$7,700								\$7,700														\$7,700	
G2060	6959008	Picnic Table, Wood/Composite/Fiberglass, Replace	20	13	7	3	EA	\$600.00	\$1,800								\$1,800														\$1,800	
G2060	6959195	Park Bench, Metal Powder-Coated, Replace	20	12	8	2	EA	\$700.00	\$1,400									\$1,400													\$1,400	
G2060	6959072	Park Bench, Precast Concrete, Replace	25	15	10	3	EA	\$1,000.00	\$3,000										\$3,000												\$3,000	
G2060	6959080	Fences & Gates, Fence, Chain Link 8', Replace	40	23	17	550	LF	\$25.00	\$13,750																	\$13,750					\$13,750	
G2060	6959200	Fences & Gates, Fence, Chain Link 6', Replace	40	23	17	800	LF	\$21.00	\$16,800																		\$16,800				\$16,800	
G2060	6959241	Flagpole, Metal, Replace	30	23	7	7	EA	\$2,500.00	\$17,500								\$17,500														\$17,500	
G2060	6959211	Signage, Property, Building-Mounted Individual Letters, Replace/Install	20	13	7	50	EA	\$150.00	\$7,500								\$7,500														\$7,500	
G2060	6959167	Signage, Property, Building or Pole-Mounted, Replace/Install	20	12	8	1	EA	\$1,500.00	\$1,500									\$1,500													\$1,500	
G2060	6959083	Retaining Wall, Concrete Cast-in-Place, Replace	50	38	12	75	SF	\$130.00	\$9,750												\$9,750										\$9,750	
G2080	6960809	Landscaping, Turf/Sod, Replace/Install	10	8	2	10000	SF	\$6.00	\$60,000			\$60,000									\$60,000										\$120,000	
G2080	6959105	Landscaping, Turf/Sod, Replace	10	7	3	5000	SF	\$6.00	\$30,000				\$30,000									\$30,000									\$60,000	
G4050	6959252	Pole Light Fixture w/ Lamps, any type 20' High, w/ LED Replacement, Replace/Install	20	12	8	6	EA	\$4,000.00	\$24,000									\$24,000														\$24,000
G4050	6958949	Pole Light Fixture w/ Lamps, any type 30' High, w/ LED Replacement, Replace/Install	20	2	18	11	EA	\$6,800.00	\$74,800																			\$74,800			\$74,800	
G4050	6959034	Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace	20	18	2	6	EA	\$600.00	\$3,600			\$3,600																			\$3,600	
G4050	6958976	Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace	20	3	17	12	EA	\$600.00	\$7,200																	\$7,200					\$7,200	
G4050	6935379	Exterior Fixture w/ Lamp, any type, w/ LED Replacement, Replace	20	2	18	1	EA	\$600.00	\$600																			\$600			\$600	
Y1090	6962275	ADA Miscellaneous, Level III Study, Includes Measurements, Evaluate/Report	0	0	0	1	EA	\$7,500.00	\$7,500	\$7,500																					\$7,500	
Totals, Unescalated										\$73,365	\$259,450	\$1,121,500	\$2,316,070	\$924,680	\$5,651,536	\$321,580	\$4,710,240	\$886,650	\$245,500	\$2,218,515	\$16,800	\$1,230,430	\$316,850	\$94,880	\$1,203,565	\$82,000	\$869,310	\$256,975	\$103,900	\$845,785	\$23,749,581	
Totals, Escalated (3.0% inflation, compounded annually)										\$73,365	\$267,234	\$1,189,799	\$2,530,832	\$1,040,735	\$6,551,679	\$383,983	\$5,793,001	\$1,123,182	\$320,322	\$2,981,499	\$23,255	\$1,754,299	\$465,305	\$143,515	\$1,875,115	\$131,586	\$143,515	\$1,436,837	\$437,483	\$182,189	\$1,527,582	\$30,232,797

## Appendix H: Depleted Value Report

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## SOUTH BURLINGTON HIGH SCHOOL - Main Building

### Depleted Value Index

**62.1%**

System	System Contribution	System Value
ADA Miscellaneous	\$ 3,750	\$ 7,500
Air Compressor	\$ 485	\$ 7,270
Air Handler	\$ 33,333	\$ 40,000
Air Handler	\$ 24,000	\$ 40,000
Air Handler	\$ 2,067	\$ 31,000
Air Handler	\$ 51,667	\$ 62,000
Alarm System	\$ 2,531	\$ 2,600
Ancillary Building	\$ -	\$ 90,000
Ancillary Building	\$ 15,600	\$ 24,000
Athletic Surfaces	\$ 8,640	\$ 18,000
Athletic Surfaces & Courts	\$ 117,000	\$ 225,000
Athletic Surfaces & Courts	\$ 21,038	\$ 28,050
Automatic Door Opener	\$ 11,500	\$ 15,000
Backflow Preventer	\$ 2,240	\$ 3,200
Backflow Preventer	\$ 3,640	\$ 5,200
Backflow Preventer	\$ 2,453	\$ 3,200
Backflow Preventer	\$ 3,380	\$ 5,200
Balcony Structure	\$ 1,064	\$ 1,140
BAS/HVAC Controls	\$ 392,500	\$ 392,500
Bike Rack	\$ 1,280	\$ 3,200
Bleachers	\$ 84,000	\$ 120,000
Bleachers	\$ 3,600	\$ 18,000
Bleachers	\$ 133,875	\$ 157,500
Boiler	\$ 198,000	\$ 270,000
Boiler Supplemental Components	\$ 9,967	\$ 13,000
Boiler Supplemental Components	\$ 872	\$ 2,180
Boiler Supplemental Components	\$ 1,165	\$ 1,520
Casework	\$ 432,400	\$ 564,000
Casework	\$ 62,867	\$ 82,000
Caulking	\$ 8,050	\$ 10,500
Ceiling Finishes	\$ 6,440	\$ 8,400
Ceiling Finishes	\$ 48,533	\$ 52,000
Ceiling Finishes	\$ 1,600	\$ 3,000
Clock System	\$ 1,376	\$ 5,160
Commercial Kitchen Equipment	\$ 22,400	\$ 32,000
Distribution Panel	\$ 12,600	\$ 27,000
Distribution Panel	\$ 875	\$ 2,500

System	System Contribution	System Value
Distribution Panel	\$ 105,000	\$ 140,000
Distribution Panel	\$ 7,500	\$ 10,000
Distribution Panel	\$ 22,260	\$ 26,500
Distribution Panel	\$ 62,160	\$ 74,000
Distribution Panel	\$ 6,160	\$ 7,000
Door Hardware	\$ 116,740	\$ 179,600
Drinking Fountain	\$ 60	\$ 1,200
Drinking Fountain	\$ 5,040	\$ 16,800
Electrical System	\$ 596,600	\$ 628,000
Elevator Cab Finishes	\$ 900	\$ 9,000
Elevator Controls	\$ 4,500	\$ 5,000
Emergency Plumbing Fixtures	\$ 2,250	\$ 15,000
Emergency Plumbing Fixtures	\$ 5,520	\$ 6,900
Exhaust Fan	\$ 1,920	\$ 2,400
Exhaust Fan	\$ 267	\$ 4,000
Exhaust Fan	\$ 960	\$ 2,400
Exhaust Fan	\$ 12,600	\$ 16,800
Exterior Door	\$ 2,550	\$ 3,000
Exterior Door	\$ 390	\$ 1,200
Exterior Door	\$ 10,005	\$ 17,400
Exterior Fixture w/ Lamp	\$ 345	\$ 600
Exterior Fixture w/ Lamp	\$ 1,080	\$ 3,600
Exterior Fixture w/ Lamp	\$ 5,280	\$ 7,200
Exterior Walls	\$ 655,200	\$ 756,000
Exterior Walls	\$ 6,240	\$ 7,800
Exterior Walls	\$ 6,300	\$ 12,600
Exterior Walls	\$ 9,000	\$ 18,000
Fan Coil Unit	\$ 3,795	\$ 7,590
Fan Coil Unit	\$ 38,707	\$ 53,760
Fences & Gates	\$ 8,820	\$ 12,600
Fences & Gates	\$ 10,313	\$ 13,750
Fences & Gates	\$ 12,880	\$ 16,800
Fences & Gates	\$ 1,700	\$ 8,500
Fire Alarm Panel	\$ 10,500	\$ 15,000
Fire Alarm Panel	\$ 1,896	\$ 3,160
Fire Alarm System	\$ 141,300	\$ 471,000
Fire Extinguisher	\$ 225	\$ 300
Fire Extinguisher	\$ 4,800	\$ 6,000
Fire Extinguisher	\$ 160	\$ 300
Fire Suppression System	\$ 1,027,200	\$ 1,712,000
Fire Suppression System	\$ 960	\$ 4,800
Fixed Seating	\$ 144,000	\$ 240,000
Flagpole	\$ 11,667	\$ 17,500

System	System Contribution	System Value
Flooring	\$ 1,500	\$ 2,250
Flooring	\$ 29,333	\$ 40,000
Flooring	\$ 7,200	\$ 12,000
Flooring	\$ 242,233	\$ 279,500
Flooring	\$ 66,000	\$ 90,000
Flooring	\$ 8,450	\$ 13,000
Flooring	\$ 2,400	\$ 3,000
Flooring	\$ 2,080	\$ 3,900
Flooring	\$ 15,400	\$ 21,000
Flooring	\$ 52,800	\$ 72,000
Flooring	\$ 1,333	\$ 4,000
Flooring	\$ 210,000	\$ 450,000
Foodservice Equipment	\$ 2,760	\$ 4,600
Foodservice Equipment	\$ 17,200	\$ 21,500
Foodservice Equipment	\$ 2,160	\$ 3,600
Foodservice Equipment	\$ 2,453	\$ 4,600
Foodservice Equipment	\$ 16,667	\$ 25,000
Foodservice Equipment	\$ 4,620	\$ 6,300
Foodservice Equipment	\$ 2,400	\$ 4,500
Foodservice Equipment	\$ 3,740	\$ 5,100
Foodservice Equipment	\$ 1,760	\$ 3,300
Foodservice Equipment	\$ 3,060	\$ 5,100
Foodservice Equipment	\$ 2,160	\$ 3,600
Foodservice Equipment	\$ 3,800	\$ 3,800
Foodservice Equipment	\$ 19,600	\$ 24,500
Foodservice Equipment	\$ 670	\$ 6,700
Foodservice Equipment	\$ 2,100	\$ 6,300
Foodservice Equipment	\$ 3,900	\$ 6,000
Foodservice Equipment	\$ 3,760	\$ 4,700
Foodservice Equipment	\$ 264	\$ 3,300
Foodservice Equipment	\$ 3,150	\$ 6,300
Foodservice Equipment	\$ 3,150	\$ 6,300
Foodservice Equipment	\$ 5,833	\$ 7,000
Foodservice Equipment	\$ 12,250	\$ 14,000
Foodservice Equipment	\$ 8,250	\$ 15,000
Foodservice Equipment	\$ 6,650	\$ 9,500
Foodservice Equipment	\$ 21,000	\$ 30,000
Foodservice Equipment	\$ 300	\$ 6,000
Foodservice Equipment	\$ 22,500	\$ 25,000
Foodservice Equipment	\$ 3,680	\$ 4,600
Glycol Feed System	\$ 3,600	\$ 4,500
Healthcare Equipment	\$ 1,125	\$ 1,500
Healthcare Equipment	\$ 1,600	\$ 3,000

System	System Contribution	System Value
HVAC System	\$ 418,667	\$ 628,000
HVAC System	\$ 601,833	\$ 785,000
Intercom/PA System	\$ 157,000	\$ 235,500
Interior Door	\$ 912	\$ 22,800
Interior Door	\$ 203,840	\$ 291,200
Interior Door	\$ 480	\$ 600
Interior Lighting System	\$ 494,550	\$ 706,500
Interior Wall	\$ 477,000	\$ 795,000
Interior Wall	\$ 1,147	\$ 1,764
Interior Window	\$ 50,800	\$ 63,500
Intrusion Detection System	\$ 433,713	\$ 510,250
Laboratory Equipment	\$ 4,200	\$ 5,600
Laboratory Equipment	\$ 8,424	\$ 10,530
Laboratory Equipment	\$ 125,440	\$ 156,800
Lake Dock/Pier	\$ 6,120	\$ 7,200
Landscaping	\$ 24,000	\$ 30,000
Landscaping	\$ 45,000	\$ 60,000
Lighting Controls	\$ 3,510	\$ 4,680
Lockers	\$ 309,900	\$ 516,500
Lockers	\$ 307,200	\$ 512,000
Overhead/Dock Door	\$ 4,224	\$ 4,400
Packaged Unit	\$ 60,000	\$ 60,000
Packaged Unit	\$ 3,500	\$ 15,000
Packaged Unit	\$ 16,250	\$ 25,000
Packaged Unit	\$ 29,250	\$ 45,000
Packaged Unit	\$ 1,800	\$ 9,000
Packaged Unit	\$ 41,625	\$ 45,000
Packaged Unit	\$ 1,100	\$ 11,000
Panel System	\$ 66,825	\$ 111,375
Park Bench	\$ 2,040	\$ 3,000
Park Bench	\$ 933	\$ 1,400
Parking Lots	\$ 49,686	\$ 177,450
Parking Lots	\$ 19,013	\$ 22,815
Passenger Elevator	\$ 87,500	\$ 105,000
Picnic Table	\$ 2,128	\$ 2,800
Picnic Table	\$ 1,530	\$ 1,800
Playfield Surfaces	\$ 28,000	\$ 70,000
Plumbing System	\$ 1,036,200	\$ 1,727,000
Pole Light Fixture w/ Lamps	\$ 56,100	\$ 74,800
Pole Light Fixture w/ Lamps	\$ 21,120	\$ 24,000
Pump	\$ 7,320	\$ 12,200
Pump	\$ 2,989	\$ 4,270
Pump	\$ 11,653	\$ 15,200

System	System Contribution	System Value
Radiator	\$ 58,500	\$ 135,000
Radiator	\$ 2,880	\$ 7,200
Retaining Wall	\$ 7,475	\$ 9,750
Roofing	\$ 118,067	\$ 154,000
Roofing	\$ 5,271	\$ 6,875
Roofing	\$ 166,827	\$ 217,600
Roofing	\$ 295,800	\$ 739,500
Roofing	\$ 85,867	\$ 112,000
Screens & Shutters	\$ 6,133	\$ 8,000
Screens & Shutters	\$ 4,600	\$ 6,000
Secondary Transformer	\$ 5,360	\$ 6,700
Secondary Transformer	\$ 2,223	\$ 2,900
Secondary Transformer	\$ 6,000	\$ 10,000
Secondary Transformer	\$ 4,333	\$ 10,000
Secondary Transformer	\$ 15,410	\$ 20,100
Secondary Transformer	\$ 11,653	\$ 15,200
Secondary Transformer	\$ 7,600	\$ 15,200
Secondary Transformer	\$ 2,027	\$ 7,600
Secondary Transformer	\$ 12,267	\$ 16,000
Secondary Transformer	\$ 12,000	\$ 20,000
Secondary Transformer	\$ 7,000	\$ 10,000
Secondary Transformer	\$ 3,600	\$ 5,400
Secondary Transformer	\$ 2,340	\$ 5,400
Secondary Transformer	\$ 6,333	\$ 7,600
Secondary Transformer	\$ 5,695	\$ 6,700
Secondary Transformer	\$ 5,040	\$ 5,400
Secondary Transformer	\$ 3,800	\$ 7,600
Secondary Transformer	\$ 5,016	\$ 7,600
Secondary Transformer	\$ 4,800	\$ 10,000
Secondary Transformer	\$ 4,333	\$ 10,000
Secondary Transformer	\$ 4,355	\$ 6,700
Secondary Transformer	\$ 6,000	\$ 10,000
Security/Surveillance System	\$ 261,667	\$ 314,000
Shed/Gazebo/Shade Structure	\$ 2,083	\$ 2,500
Shed/Gazebo/Shade Structure	\$ 2,000	\$ 2,400
Shower	\$ 14,490	\$ 18,900
Shower	\$ 24,667	\$ 92,500
Shower	\$ 427	\$ 1,600
Sidewalk	\$ 30,000	\$ 45,000
Sidewalk	\$ 29,040	\$ 36,300
Sidewalk	\$ 20,240	\$ 26,400
Signage	\$ 3,250	\$ 7,500
Signage	\$ 400	\$ 1,500

System	System Contribution	System Value
Sink/Lavatory	\$ 11,040	\$ 14,400
Sink/Lavatory	\$ 5,500	\$ 82,500
Sink/Lavatory	\$ 660	\$ 6,600
Sink/Lavatory	\$ 1,428	\$ 2,100
Sink/Lavatory	\$ 720	\$ 900
Sink/Lavatory	\$ 2,000	\$ 2,500
Sink/Lavatory	\$ 3,360	\$ 4,200
Sink/Lavatory	\$ 3,840	\$ 4,800
Sink/Lavatory	\$ 1,280	\$ 1,600
Sink/Lavatory	\$ 780	\$ 900
Sink/Lavatory	\$ 1,100	\$ 1,500
Sink/Lavatory	\$ 2,000	\$ 2,500
Sink/Lavatory	\$ 7,800	\$ 9,000
Sink/Lavatory	\$ 660	\$ 3,300
Sound Absorbing Panels	\$ 62,700	\$ 85,500
Split System	\$ 3,200	\$ 4,000
Split System	\$ 3,744	\$ 5,200
Split System	\$ 2,280	\$ 3,800
Split System	\$ 5,112	\$ 7,100
Split System	\$ 5,207	\$ 7,100
Split System Ductless	\$ 3,200	\$ 4,800
Split System Ductless	\$ 1,200	\$ 4,800
Split System Ductless	\$ 2,560	\$ 4,800
Split System Ductless	\$ 3,172	\$ 6,100
Split System Ductless	\$ 1,600	\$ 4,800
Split System Ductless	\$ 3,660	\$ 6,100
Split System Ductless	\$ 2,560	\$ 4,800
Sports Apparatus	\$ 6,000	\$ 8,000
Sports Apparatus	\$ 3,733	\$ 7,000
Sports Apparatus	\$ 27,360	\$ 57,000
Sports Apparatus	\$ 9,048	\$ 17,400
Sports Apparatus	\$ 5,760	\$ 12,000
Sports Apparatus	\$ 3,360	\$ 4,200
Sports Apparatus	\$ 800	\$ 1,500
Sports Apparatus	\$ 4,000	\$ 16,000
Sports Apparatus	\$ 1,980	\$ 3,000
Sports Apparatus	\$ 3,120	\$ 12,000
Sports Apparatus	\$ 1,083	\$ 1,500
Sports Apparatus	\$ 10,833	\$ 15,000
Sports Apparatus	\$ -	\$ 2,700
Sports Apparatus	\$ 4,800	\$ 8,000
Sports Apparatus	\$ 12,267	\$ 16,000
Sports Apparatus	\$ 19,167	\$ 25,000

System	System Contribution	System Value
Sports Apparatus	\$ 2,500	\$ 3,000
Sports Apparatus	\$ 3,200	\$ 6,000
Sports Apparatus	\$ 8,000	\$ 20,000
Sports Court Lighting	\$ 337,500	\$ 450,000
Sports Lighting	\$ 291,333	\$ 380,000
Stair Treads	\$ 37,500	\$ 50,000
Stair Treads	\$ 24,000	\$ 30,000
Stair/Ramp Rails	\$ 418	\$ 550
Stair/Ramp Rails	\$ 1,200	\$ 1,500
Storage Tank	\$ 7,650	\$ 9,000
Storefront	\$ 9,983	\$ 12,100
Storefront	\$ 2,347	\$ 4,400
Supplemental Components	\$ 260	\$ 3,900
Supplemental Components	\$ 4,667	\$ 5,600
Supplemental Components	\$ 10,875	\$ 14,500
Supplemental Components	\$ 114	\$ 1,140
Surge Protector	\$ 1,201	\$ 3,002
Suspended Ceilings	\$ 44,625	\$ 59,500
Suspended Ceilings	\$ 31,850	\$ 49,000
Suspended Ceilings	\$ 237,300	\$ 395,500
Switchboard	\$ 90,000	\$ 120,000
Switchboard	\$ 90,000	\$ 120,000
Theater & Stage Equipment	\$ 38,250	\$ 45,000
Toilet	\$ 8,775	\$ 11,700
Toilet	\$ 53,083	\$ 63,700
Toilet Partitions	\$ 867	\$ 13,000
Toilet Partitions	\$ 1,500	\$ 6,000
Toilet Partitions	\$ 1,875	\$ 7,500
Toilet Partitions	\$ 5,100	\$ 5,100
Trash Receptacle	\$ 5,775	\$ 7,700
Unit Heater	\$ 1,050	\$ 2,100
Unit Heater	\$ 7,308	\$ 12,600
Unit Heater	\$ 720	\$ 1,200
Unit Heater	\$ 113	\$ 1,700
Unit Ventilator	\$ 300,000	\$ 360,000
Urinal	\$ 7,040	\$ 13,200
Urinal	\$ 1,760	\$ 2,200
Variable Frequency Drive	\$ 5,600	\$ 7,000
Variable Frequency Drive	\$ 3,533	\$ 5,300
Vertical Lift	\$ 13,600	\$ 17,000
Wall Finishes	\$ 36,000	\$ 270,000
Wall Finishes	\$ 384,000	\$ 480,000
Wall Finishes	\$ 352,000	\$ 1,320,000

<b>System</b>	<b>System Contribution</b>	<b>System Value</b>
Wall Finishes	\$ 1,518	\$ 1,980
Wall Finishes	\$ 1,067	\$ 4,000
Wall Finishes	\$ 12,000	\$ 30,000
Water Heater	\$ -	\$ 1,100
Water Heater	\$ -	\$ 900
Water Heater	\$ -	\$ 650
Water Heater	\$ -	\$ 1,600
Water Heater	\$ -	\$ 900
Water Heater	\$ -	\$ 550
Whirlpool/Hot Tub	\$ -	\$ 15,600
Window	\$ -	\$ 395,200
Window	\$ -	\$ 9,900
Window	\$ -	\$ 293,750
Window	\$ -	\$ 3,600
<b>Totals</b>	<b>\$ 14,853,548</b>	<b>\$ 23,907,711</b>