

# **FACILITY** Assessment

June 27, 2023





#### FOR:

#### Thomas Wiatr

District Administrator/Director of Pupil Services

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# **Executive Summary**

#### PROCESS OVERVIEW

Washburn Public School District has reached an important opportunity to further positive momentum in ensuring the continued success of its school and services. ISG is pleased to have assisted at this critical point by providing a detailed and forward-looking facility assessment that properly quantifies, prioritizes, and empowers future decisions. The intent of this assessment report is to serve as an integral tool for decision-making

#### Purpose Statement

The purpose of the assessment is to provide an overview of the current general physical condition of the site and building, and identify recommendations for repairs, replacements, and next steps, which may include the following:

- Planning for facility maintenance and improvements
- Informing stakeholders of facility needs
- Prioritizing long- and short-term projects

- Identifying opportunities to enhance user experience and aesthetics
- Scope of evaluation

Several locations were assessed and included the following conditions:

- Site
- Structural
- Exterior and interior architecture
- Plumbing

- Mechanical
- Flectrical
- Life safety

The scope of this report includes document reviews, research, and interviews to augment the walk-through survey to assist in the facility assessment, including the following:

- Completion of a site visit walk-through survey to observe the site and building systems
- Review and documentation of existing site and building systems
- Photos documentation of existing conditions
- Preparation of estimated opinion of probable costs for necessary repairs to remedy deficiencies and needed replacements

### GENERAL MAINTENANCE PLAN RECOMMENDATIONS

As part of the assessment process, ISG notes systems, equipment, and items that are in good condition. Those items can be maintained with routine maintenance or minor repairs utilizing normal operating and maintenance budgets. ISG provides the recommendation to perform regular maintenance for these items and therefore includes no associated costs in the opinion of probable costs as part of the report.

No testing, exploratory probing, dismantling, or operating of equipment or in-depth studies were performed as part 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 were observed. 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 the client or property management personnel.

8%
Attend Public
Meetings on
Town or
School Affairs

3,982
Population

50.8 Median Age

1,804
Total Households

0.48%

2023–2028 Population Annual Growth Rate

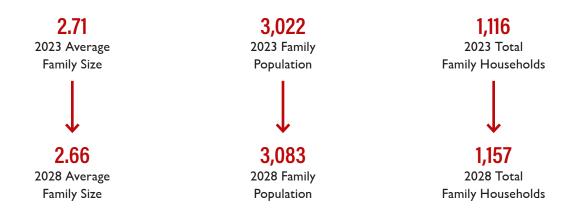
\$68,916 Median Household Income



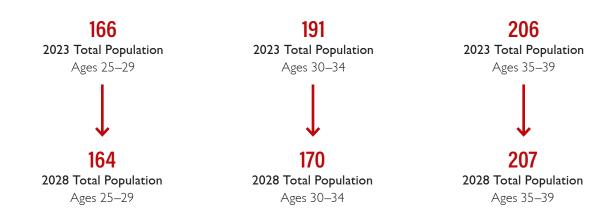
Check out these statistics online! bit.ly/school-district-washburn-infographic

#### DEMOGRAPHIC OVERVIEW

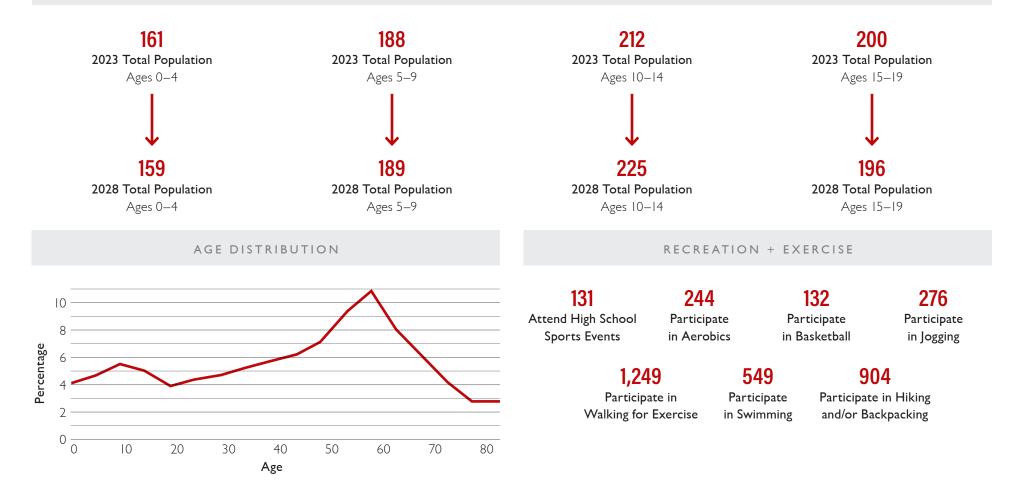
#### 2023 + 2028 PROJECTED FAMILY GROWTH



#### 2023 + 2028 PROJECTED ADULT POPULATION GROWTH



#### 2023 + 2028 PROJECTED SCHOOL-AGED CHILDREN POPULATION



#### RECOMMENDATION CATEGORIES

The following assessment considers information gathered from field observations, reviews of existing plans, and information provided by facility staff and personnel. The assessment performed on-site was limited to non-destructive visual reviews of existing systems. Available information and plans were provided to ISG for review. The following categories were reviewed within the scope of this assessment:



#### Site + Civil

Review of existing building site, including parking spaces, concrete walks, and other horizontal site elements. Site circulation, grading, paving, parking, and stormwater management were also reviewed.



#### **Exterior Building**

Review of each building's exterior shells, including an assessment of the structure, foundation, exterior walls, windows and doors, and thermal efficiency, as well as conditions of existing roofs, gutters, and downspouts.



#### Structural System

Review of structural integrity of existing buildings with analysis of columns, walls, and roof.



#### Interior Building

Examination of finishes, equipment, and other conditions found in classrooms, offices. hallways, stairwells, kitchen, and lounge areas.



#### **Plumbing**

Review of existing building plumbing systems, including water service, piping, and supply, as well as, plumbing fixtures, including drinking fountains, sinks, toilets, and showers. if applicable.



#### Mechanical

Review of existing mechanical systems and their components, including verification that HVAC systems meet current building codes.



#### Security

Review of existing security equipment installed throughout the building. Review of existing primary entryways into the facilities, including door locations and visitor access.



#### Life Safety

Review of life safety, egress, and potential code deficiencies as discovered during field observation. This also includes conditions of the fire alarm system.



#### **Flectrical**

Review of existing building electrical systems, including electrical service, distribution, and lighting.



#### Hazardous Material

Identification of potential hazardous material noted during visual field observations.



#### **Technology**

Review of existing space allocation and conditions for Information Technology (IT) equipment. This section also documents technology systems and components, including security systems and others as applicable.



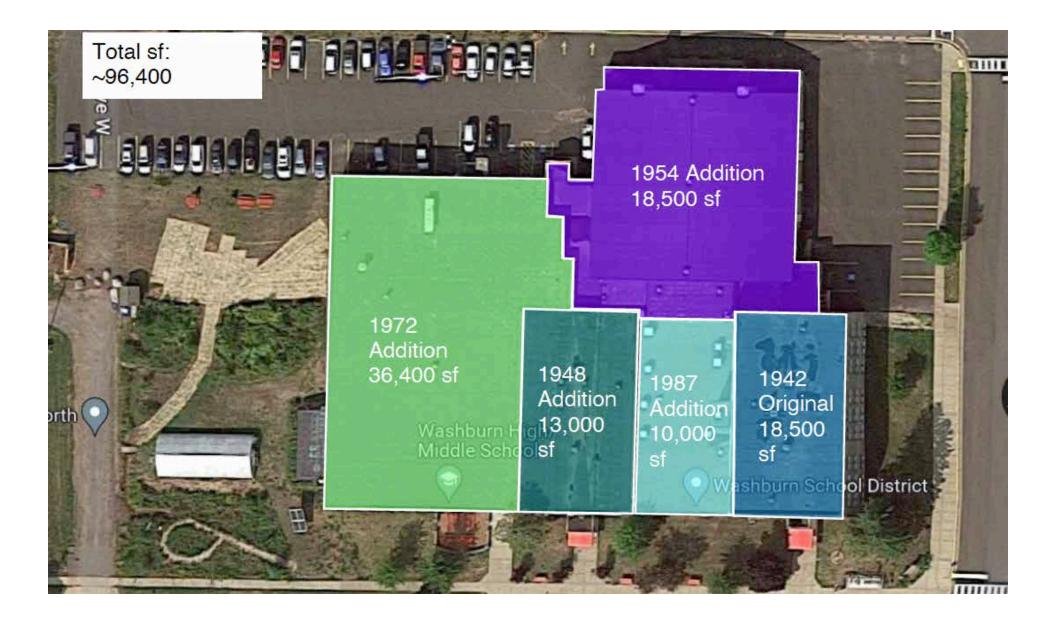
#### Accessibility

Review of existing structure for conformance with the Americans with Disabilities Act (ADA). Site parking, access into the building and entrances, accessibility routes inside of building, and restroom accessibility were considered.

#### PRIORITY SUMMARY

Based on the items evaluated, any issues or deficiencies documented have been assigned a priority level based on the chart below, and an estimate for costs is provided. Costs for any recommendations that are beyond the scope of the assessment are not included.

Priority	Time Frame	ltem
<b>1</b> Immediate	0–2 Years	Accessibility Aesthetics
<b>2</b> Short-Term	3–5 Years	Deterioration  Energy  Estimated Useful Life  Hazardous Materials
<b>3</b> Long-Term	6–10 Years	Health + Safety  Remaining Useful Life





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# **Facility Assessment**

# SITE OVERVIEW School District of Washburn Middle School and High School 305 West 4th Street Washburn, WI 54891 Middle School + High School School District of Washburn City of Washburn W 4th St

#### SITE + CIVIL CONDITIONS

Sub-Category	Element	Condition	Priority	Details	Recommendation
Drainage	Parking Lot/ Near Door 25	Poor	I	Drainage in the area immediately outside of door 25 shows signs of ponding and sediment deposits due to improper drainage.	Reconstruct parking lot with stormwater management system.
Drainage	Door 23 Area	Poor	I	Drainage pattern flows across foundation at west facade and leads to step down at door 23, likely causing water issues. Regrade entire area for positive drainage away from door and foundation.	Improve site drainage.
Drainage	Door 26 Area	Poor	I	Drainage in the area immediately outside of door 26 shows signs of negative drainage towards entrance.	Regrade and consider retaining wall to achieve positive drainage.
Drainage	Door 20 Area	Poor	I	Drainage from scupper above door 20 has scoured and eroded the ground below creating negative drainage toward the building foundation.	Improve site drainage by adding fill and armoring ground with riprap rock.
Drainage	Southern Facade Between Doors 20 + 21	Poor	I	Drainage from roof scupper has scoured and eroded the ground below and has created negative drainage toward the building foundation.	Improve site drainage by adding fill and armoring ground with riprap rock mulch.
Drainage	Door 21 Area	Poor	l	Drainage from scupper above door 21 has scoured and eroded the ground below and have created negative drainage toward the building foundation.	Improve site drainage by adding fill and armoring ground with riprap rock mulch.



Parking Lot/Near Door 25



Door 20 Area



Door 23 Area





Door 26 Area



Southern Facade Between Doors 20 + 21



Door 20 Area



Door 21 Area

Sub-Category	Element	Condition	Priority	Details	Recommendation
Drainage	Southeast Corner of Building	Fair	2	Due to snow conditions, reviewers were unable to observe whether there is proper drainage to move water away from the building.	Ensure positive drainage away from building. Regrade if necessary.
Grounds Turf	Tree Pruning	Poor	I	Trees and branches are overgrown and damaged.	Prune out damaged limbs and hazard branches. Ensure branches do not rub on each other.
Grounds Turf	Tree Pruning	Poor	I	Branches show signs of Black Knot Fungus which may spread to other trees if left unchecked.	Prune trees immediately.
Grounds Turf	Gymnasium	Fair	3	There is a safety issue related to snow falling off the barrel roof when people are walking along the side of the building at ground-level.	Install foundation plantings serving as a safety buffer to prevent people from being too close to building when snow falls from barrel roof. This can be accomplished by saw cutting and removing existing pavement. Add shrub foundation plantings.
Vehicle Routes	Stop Sign at Northwest Parking Lot Entrance	Poor	2	Stop sign shows damage from snow removal and is out of plumb.	Reinstall sign.
Vehicle Routes	Pavement Striping	Fair	3	Pavement markings are fading.	Restripe parking areas.
Vehicle Routes	Pavement + Curbing/ Throughout Site	Fair	2	Due to weather conditions at the time of the site visit, the existing pavement and curbing throughout the site was not evaluated.	Reevaluate pavement and curbing in the spring.
Vehicle Routes	Street Sign/West 4th Street Near Solar Array	Poor	I	The street sign is missing.	Replace missing street sign.



Southeast Corner of Building



Tree Pruning



Tree Pruning



Tree Pruning



Tree Pruning



Black Knot Fungus



Street Sign/West 4th Street Near Solar Array



Stop Sign at Northwest Parking Lot Entrance



Gymnasium



Pavement Striping

Sub-Category	Element	Condition	Priority	Details	Recommendation
Pedestrian Routes	Door 22	Poor	I	The door lacks a push button for accessibility and is therefore not ADA-compliant.	Install an automatic door and push button system.
Other Site Civil	Storage Shed at 4th Avenue Alley	Fair	3	Paint is peeling or missing.	Prepare and repaint shed.
Other Site Civil	Trash Enclosure	Poor	2	Trash enclosure structure is warped and showing signs of deterioration. Gate is difficult to operate due to inadequate design.	Replace trash enclosure.
Other Site Civil	Paint/Garden Shed	Fair	3	Paint is peeling or missing.	Prepare and repaint shed.
Other Site Civil	Hoop House	Poor	I	Hoop house vent on west side is damaged and should be replaced. There is a tear in plastic of hoop house on south east side.	Repair and replace damaged elements.
Other Site Civil	Paint + Threshold/ Door 25 Area	Fair	I	Paint is cracked and peeling on awning posts. Door threshold is not ADA-compliant as it exceeds the maximum height of one-half inch for accessibility.	Perform routine maintenance on metal posts. Mud jack or replace sidewalk.
Other Site Civil	Disconnect/ West Facade	Poor	I	Electrical disconnect should have lock to prevent tampering.	Install lock Immediately.
Other Site Civil	Chain-link Fence at Mechanical Equipment	Poor	I	Chain link security fence is compromised and damaged.	Repair and replace damaged elements.
Other Site Civil	Railing/Door 20 Area	Fair	2	Scratches and chips in railing paint are beginning to rust.	Prepare and repaint railing.
Other Site Civil	Railing/Door 21 Area	Fair	2	Scratches and chips in railing paint are beginning to rust.	Prepare and repaint railing.
Other Site Civil	Monument Sign	Fair	2	Paint is worn on wood elements of monument sign.	Prepare and repaint sign.



Door 22



Storage Shed at 4th Avenue Alley



Trash Enclosure



Paint/Garden Shed



Hoop House



Hoop House



Paint + Threshold/Door 25 Area



Paint + Threshold/Door 25 Area



Paint + Threshold/Door 25 Area



Disconnect/West Facade



Chain Link Fence at Mechanical Equipment



Railing/Door 20 Area

#### ARCHITECTURAL + STRUCTURAL CONDITIONS

Sub-Category	Element	Condition	Priority	Details	Recommendation
Exterior Roof	Area A	Fair	3	The roof consists of a fully adhered ethylene propylene diene terpolymer (EPDM) rubber membrane. It is approximately 10 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.
Exterior Roof	Area B	Fair	3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 6 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.
Exterior Roof	Area C	Fair	3	The roof consists of a ballasted Thermoplastic Polyolefin (TPO) membrane. It is approximately 10 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.
Exterior Roof	Area D	Fair	3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 10 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.
Exterior Roof	Area E	Good	3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 3 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.
Exterior Roof	Area F	Good	3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 3 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.

Sub-Category	Element	Condition	Priority	Details	Recommendation
Exterior Roof	Area G	Good	3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 3 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.
Exterior Roof	Area H	Good	3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 3 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.
Exterior Roof	Area I	Good	3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 5 years old. The average useful service life is 20 years. The condition was not investigated due to snow cover.	Perform regular maintenance.

Sub-Category	Element	Condition	Priority	Details	Recommendation
Exterior Walls	Missing Vent Cover/ West Facade Near Door 23	Poor	I	Vent of unknown origin is missing vent cover.	Replace vent cover.
Exterior Walls	1942 Original Building Brick	Poor	I	Large portions of the brick are discolored and spalling due to moisture intrusion. The mortar is heavily damage throughout.	Perform exterior masonry repairs including repointing.
Exterior Walls	1948 Addition Brick	Fair	2	The 1948 addition features a common brick bond. No brick face damage was observed. Minor staining is evident to the west of the high school entrance.	Perform minor masonry repairs above and to the west of the high school entrance.
Exterior Walls	1954 Addition (Gym) Brick/Plaster	Poor	I	There is evidence of limited repointing done in the past. However, large portions of the brick are damaged, specifically on the upper north wall and west entrance. The mortar is missing is spots. The stucco material is missing from the west stack and moisture intrusion appears to be occurring at column locations throughout addition.	Perform exterior masonry repairs including repointing.
Exterior Walls	1972 Addition Brick	Fair	2	There is minor mortar deterioration at the northwest corner of the building. Damage from snow removal equipment is evident along the west wall. Water intrusion was reported inside the building along the west wall of the science room.	Perform exterior masonry repairs including tuckpointing. Further investigate the water intrusion issues that are ongoing.
Exterior Walls	1987 Addition Brick	Fair	2	The mortar has evidence of efflorescence on the south wall due to moisture infiltration.	Perform exterior masonry repairs including tuckpointing.



Missing Vent Cover/West Facade Near Door 23



1942 Original Building Brick



1948 Addition Brick



1954 Addition (Gym) Brick/Plaster



1972 Addition Brick

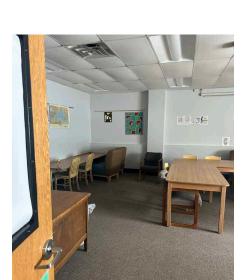


1987 Addition Brick

Sub-Category	Element	Condition	Priority	Details	Recommendation
Exterior Walls	Sealants/Throughout	Poor	I	Exterior sealants throughout the building are cracking and have lost flexibility.	Remove and replace exterior sealants.
Exterior Windows	Windows/ Throughout	Poor	I	Windows throughout the building are double-pane glass with aluminum frames. Older portions of the building feature glass block windows. Moisture penetration was apparent throughout. Most of the operable windows were difficult to open/close.	Replace windows.
Exterior Doors	Doors, Frames,+ Hardware/ Throughout	Fair	2	Exterior doors and frames have corrosion. The original gym entrance doors are not being utilized as the main entrance to the gym any longer. The number of doors could be reduced and still keep code required exit.	Replace corroded exterior doors, frames, and hardware.
Exterior Other	Window Opening Lintels/Original Building	Poor	2	Many of the original window opening lintels are heavily corroded. The corrosion appears to be the worst on the accent windows and the third floor openings.	Prepare and repaint lintels throughout. Replace in cases where lintels appear wavy or are delaminated.
Interior Ceiling	Ceiling/Common Areas + Classrooms	Poor	I	Ceilings in common areas and classrooms are a combination of acoustical ceiling tiles (ACTs) that have water damage. Two by four ceiling tiles are sagging.	Replace ACT ceiling grid and tiles.
Interior Ceiling	Ceilings/ Locker Rooms	Poor	I	Locker room ceiling tiles are missing and replacements are not available.	Replace ceiling with hard surface gypsum ceiling.
Interior Ceiling	Ceiling/Band Room	Poor	2	The band room does not have a ceiling, which impacts acoustics.	Install a ceiling, new lighting, and acoustical wall treatments.



Sealants



Ceiling/Common Areas + Classrooms



Exterior Windows



Ceiling/Common Areas + Classrooms



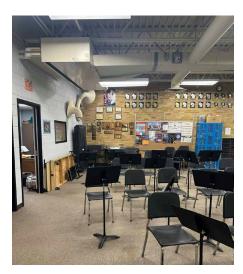
Doors, Frames, + Hardware



Ceilings/Locker Rooms



Window Opening Lintels/Original Building



Ceiling/Band Room

Sub-Category	Element	Condition	Priority	Details	Recommendation
Interior Walls	Walls	Fair	2	Walls are a combination of masonry, gypsum board, or fiberglass reinforced plastic (FRP), and while functional they give an outdated and worn look to spaces.	Refinish masonry and gypsum board walls and replace restroom floor and wall tile to refresh spaces.
Interior Walls	Display Cases/ Branding/Corridors	Poor	2	Most corridors lack quality display cases of student work.  Materials and branding is inconsistent.	Increase the quantity of visual display cases in corridors. Replace corridor flooring, wall, and ceiling finishes to be consistent.
Interior Walls	Interior Signage/ Branding	Poor	2	Interior signage and branding is missing, worn, or outdated.	Replace room signage and incorporate branding into public spaces.
Interior Doors	Interior Doors	Poor	2	Many interior doors are original and damaged.	Replace doors.
Interior Doors	Doors/Corridor	Poor	I	Original corridor to stair doors have wire glass, which is a safety hazard for students and staff.	Replace all wire glass with rated glass.
Interior Floors	Carpet + VCT Throughout	Poor	I	Carpet and vinyl composition tile (VCT) is outdated, worn, and has exceeded its useful service life.	Replace classroom flooring with new carpet and corridor type spaces with polished concrete. Replace stair flooring with new rubberized treads and risers.
Interior Floors	Floor/Stage	Poor	2	Stage floor is outdated, worn, and has exceeded its useful service life.	Replace stage floor with new wood stage floor assembly.

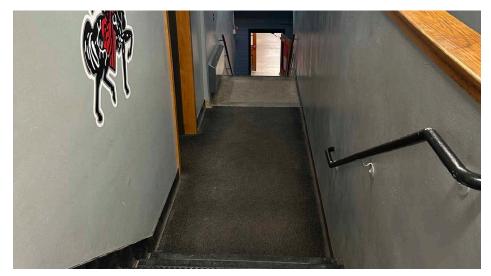








Walls Interior Doors







Carpet + VCT Floor/Stage

Sub-Category	Element	Condition	Priority	Details	Recommendation
Interior Floors	Vestibule Flooring	Poor	I	Vestibules have loosely-laid walk-off mats that can be a trip hazard.	Replace mats with walk-off carpet in vestibules
Interior Casework	Casework	Poor	2	Most classrooms lack casework for storage of materials. Instructional Materials Center (IMC) circulation desk is due for replacement.	Add mix of base and upper and tall storage cabinets in classrooms.
Interior Casework	Casework/ Science Lab	Poor	2	Casework in science lab is worn and due for replacement.	Replace casework.
Interior Other	Accessibilities/ Restroom Clearance	Poor	I	Many restroom floors lack proper accessible clearance.	Reconfigure restrooms for accessibility.
Interior Other	Stair Rails + Extensions	Poor	2	Many of the older stairs have handrails without proper extensions, or have handrails only on one side.	Replace handrails with proper extensions and install handrails on both sides.
Interior Other	Accessible Route/ Entrance to Office	Poor	I	No accessible route from main entrance into office.	Reconfigure office, or create office addition in front of building to create accessible entrance with ramp/elevator to remainder of school levels.
Interior Other	Door Hardware	Poor	2	Some doors have non-ADA-compliant knob hardware.	Replace hardware with lever-style hardware.
Interior Other	Accessible Sink/ Art Room	Poor	I	Art room does not have ADA-compliant forward approach to the sink.	Replace restroom counter.
Interior Other	Ramp/Band Room	Poor	2	Ramp from band room to band storage is not ADA-compliant as it lacks handrails.	Replace ramp with handrails.
Interior Other	Shower Stall	Poor	I	Shower areas lack ADA-compliant shower stall.	Reconfigure showers.
Interior Other	Restrooms	Poor	I	Some restroom stalls are too narrow for required accessibility clearance and are therefore not ADA-compliant.	Reconfigure restroom stall.



Lack of Casework

Restrooms

Accessibilities/Restroom Clearance







Ramp/Band Room



Casework/Science Lab



Door Hardware



Accessibilities/Restroom Clearance



Accessible Sink/Art Room

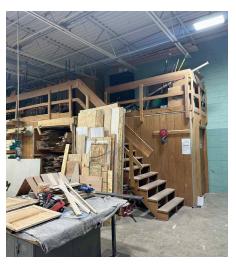


Shower

Sub-Category	Element	Condition	Priority	Details	Recommendation
Interior Other	Cooler/Freezer	Poor	I	Horizontal surface above cooler/freezer is used for storage, resulting in dust collection.	Enclose space above cooler/freezer.
Interior Other	Kiln/Art Room	Poor	I	Art room kiln is not in an enclosed, fire-rated room.	Construct a fire-rated kiln enclosure.
Interior Other	Framing/Technical Education Mezzanine	Poor	I	Technical education area mezzanine appears to be wood framed, which is not allowed under construction type.	Replace mezzanine.
Interior Other	Equipment/Gym	Poor	2	Gym equipment is outdated, worn, and has exceeded its useful service life.	Replace equipment.
Interior Other	Stage/Gym	Poor	I	There is no accessible route to the stage from the gym.	Construct an accessible route from the stage to the gym.
Interior Other	Furniture/Art Room and IMC	Poor	2	Some furniture is outdated, worn, and has exceeded its useful service life.	Replace furniture.
Interior Other	Lockers	Poor	I	Student and athletic lockers are outdated, worn, and have exceeded their useful service life.	Replace lockers.
Interior Other	Drinking Fountains	Poor	I	Some drinking fountains are not dual-height for accessibility.	Replace drinking fountains, including one with a bottle filler.
Interior Other	Window Treatments	Poor	2	Window treatments are outdated and worn.	Replace window treatments with manual roller shades.
Interior Other	Wood Trim	Poor	2	Original wood trim is aging and outdated.	Re-finish existing wood trim.
Interior Other	Freezer and Cooler Enclosures/Kitchen	Poor	1	The freezer and cooler enclosures are original and are damaged.	Replace enclosures.







Framing/Technical Education Mezzanine



Furniture/Art Room and IMC



Furniture/Art Room and IMC



Lockers



Window Treatments

#### MECHANICAL + PLUMBING CONDITIONS

Sub-Category	Element	Condition	Priority	Details	Recommendation
Heating Cooling	Mini-split, Washer and Dryer/Kitchen	Fair	3	Kitchen office has a mini-split heating and cooling system serving it. A washer and dryer are in the office corner. The dryer is near the exterior wall but must verify venting goes to outside.	Verify dryer vent length meets requirements and route directly outside, not into other ductwork if not already.
Heating Cooling	First Floor HVAC/1942	Poor	I	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in restrooms. Equipment was installed in the 1980s and is at the end of its useful life in terms of maintenance and controls operation.	Demolish existing systems/controls. Replace existing systems with new central air handling unit (AHU), ductwork and diffusers. New exhaust fan in restrooms, new DDC Controls.
Heating Cooling	First Floor HVAC/1948	Poor	I	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in restrooms. Equipment was installed in the 1980s and is at the end of its useful life in terms of maintenance and controls operation.	Demolish existing systems/controls. Replace existing systems with new Central AHU, ductwork and diffusers. New exhaust fan in restrooms, new DDC Controls.



Mini-split, Washer + Dryer/Kitchen



Mini-split, Washer + Dryer/Kitchen



Mini-split, Washer + Dryer/Kitchen



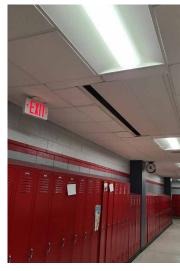
First Floor HVAC/1942



First Floor HVAC/1942



First Floor HVAC/1942



First Floor HVAC/1948



First Floor HVAC/1948



Kitchen

Sub-Category	Element	Condition	Priority	Details	Recommendation
Heating Cooling	Locker Rooms/HVAC	Poor	I	HVAC system damaged. Exhaust required. Piping insulation needs to be added. Dryer duct needs to be independently run outside not dumping into unit ductwork.	Demolish existing HVAC systems. Provide new central air handler and Exhaust to meet current building codes. Route new laundry exhaust duct.
Heating Cooling	First Floor HVAC/1972	Poor	I	Area is served by gravity exhaust with pneumatic controlled dampers and classroom ducted fan coil units. There is no cooling or dehumidification. There is no exhaust in restrooms. Equipment was installed in the 1980s and is at the end of its useful life in terms of maintenance and controls operation.	Replace all classroom fan coils and unit ventilators with central, dedicated outdoor air system (DOAS) energy recovery ventilator with induction displacement units in classrooms. Provide new exhaust to meet current building codes.
Heating Cooling	First Floor HVAC/1987	Poor	I	Area is served by gravity exhaust with pneumatic controlled dampers and classroom ducted fan coil units. There is no cooling or dehumidification. There is no exhaust in restrooms. Equipment was installed in the 1980s and is at the end of its useful life in terms of maintenance and controls operation.	Replace all classroom fan coils and DOAS energy recovery ventilator with induction displacement units in classrooms. Provide new exhaust to meet current building codes.
Heating Cooling	Second Floor HVAC/230 Gymnasium	Poor	I	Gym mechanical units observed to shut off frequently. These are manually reset by staff at a local panel.	Update system with direct digital controls (DDC) controls and resolve unit activation issues to prevent gym unit deactivation.
Heating Cooling	Second Floor HVAC/1942	Poor	I	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in restrooms. Equipment was installed in the 1980s and is at the end of its useful life in terms of maintenance and controls operation.	Replace existing systems with new central AHU, ductwork and diffusers. Install exhaust fan in restrooms and new DDC controls.



First Floor HVAC/1972



First Floor HVAC/1972



Second Floor HVAC/230 Gymnasium



Second Floor HVAC/230 Gymnasium



Second Floor HVAC/230 Gymnasium



Second Floor HVAC/230 Gymnasium



Second Floor HVAC/230 Gymnasium



Second Floor HVAC/230 Gymnasium



Second Floor HVAC/1942



Second Floor HVAC/1942



Second Floor HVAC/1942



Second Floor HVAC/1942

Sub-Category	Element	Condition	Priority	Details	Recommendation
Heating Cooling	Second Floor HVAC/1948	Poor	I	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in Restrooms. Equipment was installed in the 1980s and is at the end of its useful life in terms of maintenance and controls operation.	Demolish existing systems/controls. Replace existing systems with new central AHU, ductwork, and diffusers. New exhaust fan in restrooms, new DDC controls.
Heating Cooling	Second Floor HVAC/1972	Poor	I	Area is served by gravity exhaust with pneumatic controlled dampers and classroom ducted fan coil units. There is no cooling or dehumidification. There is no exhaust in restrooms. Equipment was installed in the 1980s and is at the end of its useful life in terms of maintenance and controls operation.	Demolish existing HVAC systems. Provide new air handler and exhaust to meet code. Route new laundry exhaust duct.
Heating Cooling	Second Floor HVAC/1972 Technical Education	Fair	2	Dust collector was installed in 1982. Ductwork in space was observed to be clean and well maintained and shall remain in service. Welder exhaust was reported by teacher to be undersized. Welding system has good flexible connections but needs a more powerful fan for fume capture.	Replace Reznor brand roof top unit (RTU), dust collection system, air cleaner and weld fume exhaust. Ductwork in space shall remain in service.
Heating Cooling	Second Floor HVAC/1987	Poor	I	Area is served by gravity exhaust with pneumatic controlled dampers and classroom ducted fan coil units. There is no cooling or dehumidification. There is no exhaust in restrooms. Equipment was installed in the 1980s and is at the end of its useful service life in terms of maintenance and controls operation.	Demolish existing HVAC systems. Provide new air handler and exhaust to meet code. Route new laundry exhaust duct.
Heating Cooling	Third Floor HVAC/1942	Poor	I	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in restrooms. Equipment was installed in the 1980s and is at the end of its useful service life in terms of maintenance and controls operation.	Demolish existing systems/controls. Replace existing systems with new central AHU, ductwork and diffusers. Install new exhaust in restrooms and new direct digital controls (DDC).



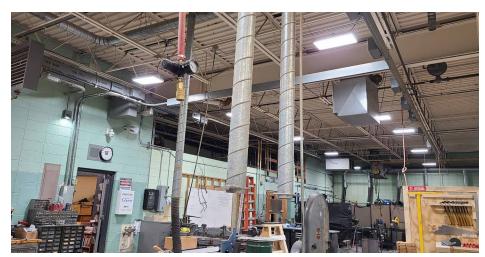
Second Floor HVAC/1972 Technical Education



Second Floor HVAC/1972 Technical Education



Second Floor HVAC/1972 Technical Education



Second Floor HVAC/1972 Technical Education

Sub-Category	Element	Condition	Priority	Details	Recommendation
Heating Cooling	Structural Reinforcement for HVAC/Building	Poor	I	Structural reinforcement for new HVAC system is likely due to added equipment and ductwork for central system.	Update structural as required to support new roof-mounted equipment.
Piping Heating Cooling	Water Boilers/105/ Boiler Room	Poor	I	There are two natural gas-fired hot water boilers that supply the building's heating system. One was installed in 1993 and the other in 2018. The average useful service life is 15 years.	Replace 1993 Boiler with a 2 million btu Aerco Benchmark to match 2018 installation. Add new unit to existing boiler plant controls.
Piping Heating Cooling	Steam Boiler/105/ Boiler Room	Poor	2	The abandoned steam boiler remains in place in the boiler room. This boiler is no longer in use along with the back-up fuel oil system.	Remove the boiler and fuel oil tanks.
Piping Heating Cooling	Underground Fuel Tanks/105/ Boiler Room	Poor	2	DNR reports there to have been underground fuel oil tanks previously but these have been removed and site has been closed.	Verify accuracy of these existing conditions.



Water Boilers/105/Boiler Room



Water Boilers/105/Boiler Room



Water Boilers/105/Boiler Room



Water Boilers/105/Boiler Room



Water Boilers/105/Boiler Room



Water Boilers/105/Boiler Room



Water Boilers/105/Boiler Room



Water Boilers/105/Boiler Room



Steam Boiler/105/Boiler Room



Steam Boiler/105/Boiler Room



Steam Boiler/105/Boiler Room



Steam Boiler/105/Boiler Room

Sub-Category	Element	Condition	Priority	Details	Recommendation
Other Mechanical	240/Technology Education	Fair	2	Staff reported the fan to be slightly underpowered for the quantity of welding booths that are connected. Utility set fan is noisy and disruptive.	Provide new roof-mounted fan and ductwork through existing penetration.
Other Mechanical	Walk-In Freezer and Cooler/Kitchen	Poor	I	Walk in freezer and cooler are original per staff (1972). Floors are rotted out. Water and moisture is frozen under the floor. If freezer and cooler are shut off, the floor thaws and floods. Compressors are in tunnel below stairs and overheat due to lack of cooling.	Replace refrigeration system serving freezer and cooler. Cost to replace enclosure for new freezer and cooler, is provided in the architectural costs).
Other Mechanical	Emergency Gas Shut Off Valve124/Science	Poor	I	The emergency gas shut off valve is in a locked box in the hallway. This is not code compliant and will need to be updated.	Update gas shut offs to include required manual valve at or near teachers station. Install emergency power off (EPO) switch under plastic cover at egress doorway.
Other Mechanical	Grille/Mini-Split/214/ Main Server Room	Fair	2	Grille and mini-split serve the main server room. Staff report the room exceeds 80°F if the door is closed in winter. Mini-split is off in the winter and the cooling provided by the HVAC isn't adequately serving the space.	Modify HVAC to increase airflow to server closet to adequate levels to offset the heat gain. Cost is included in the HVAC replacement for the 1987 addition.
Plumbing Water	Water Heaters/105/ Boiler Room	Fair	I	There are two gas-fired water heaters installed in 1998 that provide potable hot water to the building. The average useful service life of water heaters is 15 years. Equipment is past expected useful service life.	Remove and replace water heaters with equivalent natural gas fired water heaters.
Plumbing Water	240/Tech Education	Fair	2	Emergency eye-wash station is original to the building, but still functioning. This only has cold water supplied to it which is not compliant with current code.	Replace with current code compliant eye- wash with tepid water (60-100°F). Route hot water pipe to new fixture or add instant water heater with new eye-wash.



240/Technology Education



240/Technology Education



Walk-In Freezer + Cooler/Kitchen Compressor



Tunnel



Walk-In Freezer + Cooler/Kitchen



Emergency Gas Shut Off Valve124/Science



240/Technical Education Eye Wash Station



Water Heaters/105/Boiler Room



Water Heaters/105/Boiler Room



Water Heaters/105/Boiler Room

Sub-Category	Element	Condition	Priority	Details	Recommendation
Plumbing Water	Galvanized Pipes/ Building	Poor	I	Existing galvanized sanitary pipes are failing in multiple locations throughout the building. Many of the failures are inaccessible or underground. Repairs have been made with PVC/cast iron in accessible areas as needed. Many fixtures are no longer able to drain.	Further investigations can made by using cameras. Is it likely the entire drainage system will have to be replaced. Substantial floor cutting and patching would be necessary to replace under-floor piping. Replace plumbing fixtures and reconfigure restrooms as necessary. Provide floor drains in restrooms.
Plumbing Water	Plumbing/Kitchen	Poor	I	Kitchen equipment and piping original to building and outdated. Walk in cooler and freezer are failing and will be replaced by architecture per individual component line item. Galvanized piping serving fixtures needs to be replaced. A three-compartment sink sanitary drainage needs to route to grease interceptor and this cannot be verified above floor.	Provide new plumbing/HVAC as part of full kitchen renovation. Cost does not include kitchen equipment. This shall be provided by kitchen designer. Route all fixtures to grease interceptor per code requirements.
Restrooms	Third Floor Bathroom	Fair	3	Restroom plumbing fixtures are in fair condition with newer faucets and flush valves. Third floor restroom urinals do no have sensor flush valves.	Install sensor flush valves on urinals to match other fixtures in building.
Other Plumbing	Floor Drain/105/ Boiler Room	Poor	I	Floor drain in the pit in boiler room is full of dirt. No cover is on the drain and corrosion is visible. This drain will need to be cleaned up and replaced.	Cleanout drain and snake piping accordingly to ensure proper drainage. Provide new drain cover and sediment bucket if not present.
Other Plumbing	Storm/Piping/Building	Fair	2	Storm drainage condition and code compliance are presumed to be inadequate. Storm piping is assumed to be original galvanized pipe similar to sanitary and could have the same failure issues. Need to verify if storm piping is appropriately sized to current code requirements.	Review all overflow storm drains on building exterior and properly terminate with downspout nozzles. Replace and reconfigure storm drainage as part of any major renovation project.



Plumbing/Kitchen



Plumbing/Kitchen



Plumbing/Kitchen



Plumbing/Kitchen



Plumbing/Kitchen



Plumbing/Kitchen



Plumbing/Kitchen



Plumbing/Kitchen

## ELECTRICAL + TECHNOLOGY CONDITIONS

Sub-Category	Element	Condition	Priority	Details	Recommendation
Power Supply	Power Cord Reels/ Art Room	Poor	I	Power cord reels are hung from the structure and enter rooms through removed ceiling tiles.	Move cord reels below the ceiling tiles and re-install missing ceiling tile to maintain smoke separation.
Power Supply	Main Distribution Panel/ Concession Stand	Good	3	The main distribution panel is located in a small room adjacent to the concession stand. The 1,200 amp, Westinghouse brand panel was installed in 1994. The average useful life is 40 years. It appears to be adequately sized for the building.	Perform regular maintenance.
Power Supply	Switchboards/ Throughout Original Building + 1948 Addition	Poor	I	There are three Cutler-Hammer brand fusible switchboards located in the original building and 1948 addition. They appear to be original to construction. The average useful life is 40 years.	Replace with a switchboard that has circuit breakers.
Power Supply	Branch Panels/ Throughout	Fair	2	All of the branch panels observed throughout the facility are either past or approaching their average useful service life. All were installed between 1972 and 2000. Some panels have missing breakers with exposed wiring. System components are obsolete.	Replace panels.
Power Supply	Classroom Receptacles	Poor	2	The facility lacks receptacles for devices resulting in power strips and extension cords. There are no tamper resistant receptacles.	Replace and add receptacles.



Power Cord Reels/Art Room



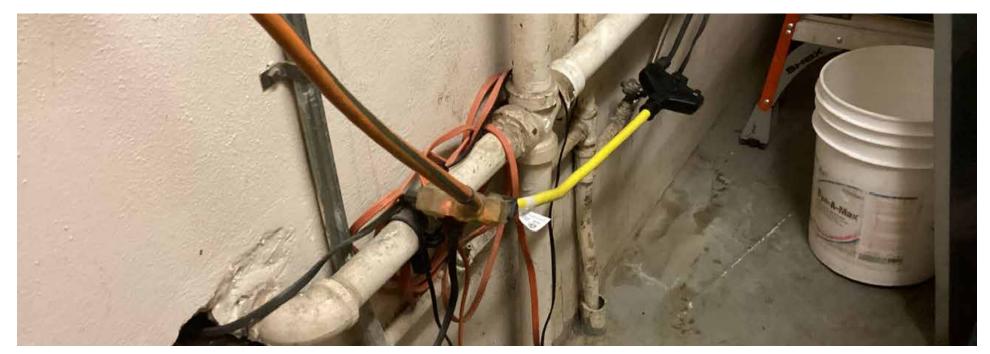
Main Distribution Panel/ Concession Stand



Switchboards/Original Building and 1948 Addition



Branch Panels



Extension Cord Used as Permanent Wiring

Sub-Category	Element	Condition	Priority	Details	Recommendation
Exterior Lighting	Building Exterior	Poor	2	Some of the exterior building-mounted lighting fixtures are not LED. They appear to be high intensity discharge (HID) fixtures which provide poor light levels. Lighting at entrance canopies is not LED.	Replace with LED fixtures.
Exterior Lighting	Parking Lots	Poor	2	The parking lots have no lighting and rely on the building-mounted lights.	Install parking lot lighting.
Interior Lighting	LED Lighting/ Throughout	Fair	3	Approximately 90% of the lighting has been updated to LED. Lighting controls have not been updated.	Replace remaining non-LED fixtures and update lighting controls.
Interior Lighting	Stage Lighting	Poor	I	Performance lighting above the stage and dimming controls are outdated. There are extension cords used as permanent wiring, which does not meet code.	Replace performance lighting, dimming controls, and wiring.
Life Safety	Fire Alarm	Good	3	The fire alarm panel and associated devices were recently updated to voice notification.	Perform regular maintenance.
Life Safety	Emergency Lighting/ Throughout	Poor	I	Many of the emergency lighting fixtures appeared past their useful service life.	Replace emergency lighting system.
Life Safety	Paging System/ Throughout	Fair	2	The paging system is connected to the clocks, bells, and phone system. The main system controls are having issues. The speakers throughout the building are outdated.	Upgrade main system controls and speakers.
Security	Security Cameras/ Throughout	Fair	2	A network of Verkade brand security cameras are located throughout the building interior and exterior. They were installed around 2017. Coverage appears to be adequate. Cameras are programmed to detect intruders while building is unoccupied.	Perform regular maintenance.







LED Lighting



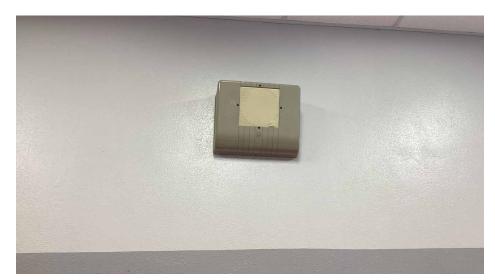
Stage Lighting



Fire Alarm Panel



Emergency Lighting



Speaker

Sub-Category	Element	Condition	Priority	Details	Recommendation
Security	Door Access/ Throughout	Fair	2	An Axis brand door access system is installed on five exterior doors around the building. The IT Director reports having issues with this system. Other doors located around the building have access control installed without audio/video capabilities.	Upgrade door access and video intercom system.
Data Network	Wi-Fi/Throughout	Good	3	Wi-Fi access points are located throughout the building. Coverage is reported to be adequate. The system was updated in 2020.	Perform regular maintenance.
Data Network	214/Technology Room	Good	3	Servers and technology equipment for the building appear to be in working order. Cables within the equipment racks could be better organized.	Perform regular maintenance and clean up cabling in equipment racks.
Audiovisual	Gym Speakers + Scoreboards	Good	3	The gym speakers were updated recently. The two scoreboards were also replaced.	Perform regular maintenance.
Audiovisual	Audio Visual Equipment/ Classrooms/ Throughout	Fair	2	Various configurations of audio-visual equipment throughout classrooms from projectors to wall-mounted TVs, to mobile cart-mounted TVs with various levels of cable management.	Update classroom displays and cabling to meet District standards for consistency and serviceability.



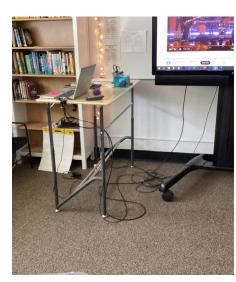
Security Cameras



Cabling/Gym



Door Access



Cabling



Wi-Fi



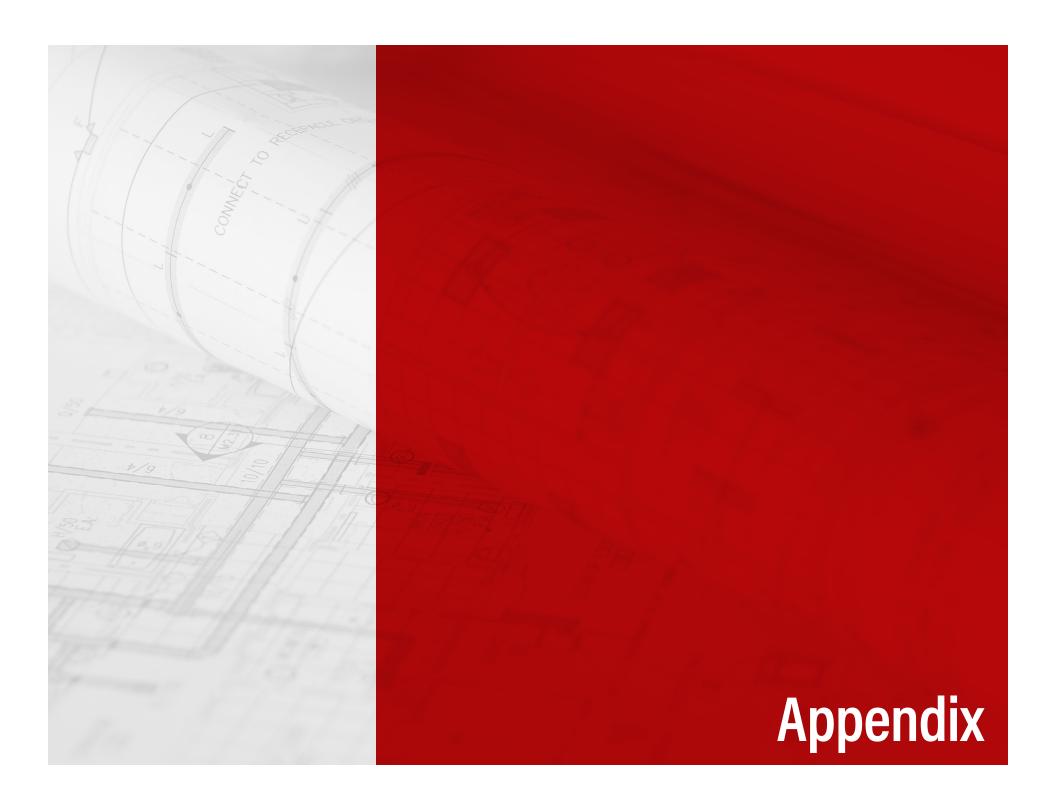
Air Grille/Main Server Room



214/Technology Room



Air Vent/Main Server Room



## **Appendix**

Building	Category	Sub Category	Photo 1	Photo 2	Photo 3	Photo 4	Element/Location	Condi	Priorit Details	Recommendations	Quantity	Unit	Unit Price	Net Total	Life ADA Safety	Total Construction Costs	Conditio n Score	1 - Immediate	2 - Emerging	3 - Future
							Parking Lot/Near		Drainage in the area immediately outside of door 25 shows signs of ponding and sediment deposits due to improper	Reconstruct parking lot with stormwater management system							1			
Middle School/High School	SiteCivil	Drainage	20230227_BH11				Door 25	Poor	drainage.  Drainage pattern flows across foundation at west façade	Improve site drainage.	8,000	SF	\$4	\$32,000		\$48,876.10		\$ 48,87	5 \$ -	\$ -
Middle School/High School	SiteCivil	Drainage	20230227 BH15				Door 23 Area	Poor	and leads to step down at door 23, likely causing water issues. Regrade entire area for positive drainage away fron		2,000	SF	\$7	\$14,000		\$21,383.30	1	\$ 21,38	3 \$ -	s -
		· ·							Drainage in the area immediately outside of door 26 shows signs of negative drainage towards entrance.	Regrade and consider retaining wall to achieve positive drainage.							1			
Middle School/High School	SiteCivil	Drainage	20230227_BH16				Door 26 Area	Poor	Scuppers from above door 20 have scoured and eroded the	Improve site drainage by adding fill and	1,800	SF	\$10	\$18,000		\$27,492.81		\$ 27,49	3 \$ -	s -
Middle School/High School	SitaCivil	Drainage	20230227 BH31	20230227 BH30			Door 20 Area	Poor	ground below and have created negative drainage toward the building foundation.	armoring ground with rip rap rock mulch.	200	SE	\$7	\$1,400		\$2,138.33	1	S 2.13		
							Southern façade between door 20 +		Roof drains directly onto grade. Shows evidence of scouring and erosion of the ground below and has created	Improve site drainage by adding fill and armoring ground with rip rap rock mulch.			-	¥ 1) 100			1	-,		
Middle School/High School	SiteCivil	Drainage	20230227_BH24	20230227_BH23			21	Poor	negative drainage toward the building foundation.  Scuppers from above door 21 have scoured and eroded the	Improve site drainage by adding fill and	1,000	SF	\$7	\$7,000		\$10,691.65		\$ 10,69	2 \$ -	\$ -
Middle School/High School	SiteCivil	Drainage	20230227 BH21				Door 21 Area	Boor	ground below and have created negative drainage toward the building foundation.	armoring ground with rip rap rock mulch.	400	ee.	97	\$2,800		\$4,276.66	1	\$ 4,27	, e	e
Middle School/High School	SiteCivii	Drainage	20230227_BH21					POOI	Due to snow, reviewers were unable to observe whether there is proper drainage to move water away from the	Ensure positive drainage away from building. Regrade if necessary.	400	SF.	\$7	\$2,000		\$4,276.00	2	\$ 4,27		
Middle School/High School	SiteCivil	Drainage	20230227_BH35				Southeast Corner of Building	Fair	2 building.  Prune out damaged limbs and hazard branches. Ensure	Perform regular maintenance.	2,000	SF	\$4	\$8,000		\$12,219.03	2	s -	\$ 12,219	s -
		GroundsTurf				20230227_BH		_	branches do not rub on each other.	renorm regular maintenance.							1			
Middle School/High School	SiteCivil	GroundsTurf	20230227_BH17	20230227_BH20 20	20230227_BH18	19	Tree Pruning	Poor	IMMEDIATELY remove branches showing signs of Black Knot Fungus before it spreads in the spring.	Prune trees immediately.	1	LS	\$3,500	\$3,500		\$5,345.82		\$ 5,34	5 5 -	\$ -
Middle School/High School	SiteCivil	GroundsTurf	20230227_BH16				Tree Pruning	Poor	1		1	LS	\$500	\$500		\$763.69	1	\$ 76	1 \$ -	s -
									There is a safety issue related to snow falling off the barrel roof when people are walking along the side of the building at the foundation-level.	Consider adding foundation plantings as safety buffer to prevent people from being too close to building when snow falls from							3			
Middle School/High School	SiteCivil	GroundsTurf	20230227_BH32				Gymnasium Stop Sign at	Fair	Stop sign shows evidence of being impacted by snow	Reset stop sign plumb.	800	SF	\$8	\$6,400		\$9,775.22		\$ -	\$ -	\$ 9,775
Middle School/High School	SiteCivil	VehicleRoutes	20230227_BH01				NorthWest Parking Lot Entrance	Poor	removal and is out of plumb.		1	LS	\$500	\$500		\$763.69	2	s -	\$ 764	ı s -
									Pavement markings are showing signs of fading.	Restripe parking areas.							3			
Middle School/High School	SiteCivil	VehicleRoutes	20230227_BH02				Pavement Striping	Fair	Due to weather conditions at the time, existing pavement &	Reevaluate in Spring	1	LS	\$5,000	\$5,000		\$7,636.89		s -	\$ -	\$ 7,637
Middle School/High School	SiteCivil	VehicleRoutes					Curbing/Througho ut Site	Fair	curbing throughout the site was not able to be evaluated. 2					\$0		No pricing. \$0.00	2	s -	s -	s -
							West 4th Street		The street sign is missing.	Replace missing street sign.							1			
Middle School/High School	SiteCivil	VehicleRoutes	20230227_BH27				Near Solar Array	Poor	The door is lacking a push button for ADA accessibility.	Install an automatic door and push button	1	LS	\$500	\$500		\$763.69		\$ 76	1 \$ -	s -
Middle School/High School	SiteCivil	PedestrianRoutes	20230227 BH26				Door 22	Poor	1	system.	1	ıs	\$2 500	\$2 500	v	\$3,818.45	1	\$ 3.81		
middle Scrioon light Scriool	SILECTVII	r edesiriarii (outes	2020227_0100				Storage Shed at	- 001	Paint is peeling or missing.	Prepare and repaint shed.			\$2,300	92,000	y	93,010.40	3	3 3,01	, ,	-
Middle School/High School	SiteCivil	OtherSiteCivil	20230227_BH03				4th Avenue Alley	Fair	Trash enclosure structure is warped and showing signs of	Replace trash enclosure.	1	LS	\$1,500	\$1,500		\$2,291.07		s -	\$ -	\$ 2,291
Middle Cabasill Sab Cabasi	Cit-Ci-ii	OtherSiteCivil	20230227 BH04				Trash Enclosure	D	deterioration. Gate is difficult to operate due to inadequate design.	replace trasil eliciosure.		ıs	\$8.000	\$8,000		\$12,219.03	2		\$ 12,219	
Middle School/High School	SiteCivii	OtherSiteCivil	20230227_BH04				Irash Enclosure	Poor	Paint is peeling or missing.	Prepare and repaint shed.	1	LS	\$8,000	\$8,000		\$12,219.03	3	\$ -	\$ 12,215	
Middle School/High School	SiteCivil	OtherSiteCivil	20230227_BH05				Garden Shed	Fair	3	Denois and applean degree of alcounts	1	LS	\$1,000	\$1,000	N	\$1,527.38	3	s -	s -	\$ 1,527
								_	Hoop house vent on west side is damaged and should be replaced. Tear in plastic of hoop house on south east side.	Repair and replace damaged elements							1			
Middle School/High School	SiteCivil	OtherSiteCivil	20230227_BH06	20230227_BH07			Hoop House	Poor	Paint is cracked and peeling on awning posts. Door threshold exceeds the maximum height of one-half inch for	Perform routine maintenance on metal posts. Mud jack or replace sidewalk to	1	LS	\$2,500	\$2,500	N	\$3,818.45 Figured painting 2 metal posts		\$ 3,81	3 5 -	\$ -
Middle Cabasill Sab Cabasi	Cit-Ci-ii	OtherSiteCivil	20230227 BH12	01010007 RIVE	20230227 BH09		Door 25 Area	C-1-	accessibility.	meet Americans with Disabilities Act (ADA) Standards		LS	\$7,000	\$7,000	v	with removal and replacement of 10'w x 20'l walkway to meet ADA at threshold. \$10,691.65	1	\$ 10,69		
Middle School/High School	SiteCivii	OtherSiteCivil	20230227_BH12	20230227_BH10 20	X0230227_BH09			rair	Electrical disconnect should have lock to prevent tampering.	Install Lock Immediately.	1	LS	\$7,000	\$7,000	Y		1	\$ 10,69	2 3 -	\$ -
Middle School/High School	SiteCivil	OtherSiteCivil	20230227_BH13	oterior Photo Voltaio disconnect on west façade			Disconnect/West Façade	Poor	Chain link security fence is compromised and damaged.	Repair and replace damaged elements	1	LS	\$100	\$100		Figured an hour time to pickup / install \$25 lock. \$152.74	1	\$ 15	3 \$ -	s -
		OtherSiteCivil					Chainlink Fence at Mechanical	_	Chain link security lence is compromised and damaged.	Repair and replace damaged elements							1	s 152		
Middle School/High School	SiteCivil	OtherSiteCivil	20230227_BH14				Equipment	Poor	Scratches and chips in railing paint are beginning to rust.	Prepare and repaint railing.	1	LS	\$1,000	\$1,000		\$1,527.38		\$ 1,52	, , .	\$ -
Middle School/High School	SiteCivil	OtherSiteCivil	20230227_BH33				Door 20 Area	Fair	2		1	LS	\$500	\$500		\$763.69	2	s -	\$ 764	s -
									Scratches and chips in railing paint are beginning to rust.	Prepare and repaint railing.							2			
Middle School/High School	SiteCivil	OtherSiteCivil	20230227_BH34				Door 21 Area	Fair	Paint is worn on wood elements of monument sign.	Prepare and repaint sign.	1	LS	\$500	\$500		\$763.69		\$ -	\$ 764	1 \$ -
Middle School/High School	SiteCivil	OtherSiteCivil	20230227_BH28				Monument Sign	Fair	2		1	LS	\$500	\$500		\$763.69	2	s -	\$ 764	s -
	ArchitecturalStructur					_		I	The roof consists of a fully adhered ethylene propylene diene terpolymer (EPDM) rubber membrane. It is	Perform regular maintenance.							3			
Middle School/High School	al	ExteriorRoof	no pic				Area A	Fair	3 approximately 10 years old. The average useful service life The roof consists of a fully adhered EPDM rubber	Perform regular maintenance.	18,000	SF	\$0	\$0		No pricing. \$0.00		\$ -	\$ -	\$ -
Middle School/High School	ArchitecturalStructur al	ExteriorRoof	no pic				Area B	Fair	membrane. It is approximately 6 years old. The average useful service life is 20 years. The condition was not		6,800	SF	\$0	\$0		No pricing. \$0.00	3	s -	\$ -	s -
_	ArchitecturalStructur								The roof consists of a ballasted Thermoplastic Polyolefin (TPO) membrane. It is approximately 10 years old. The	Perform regular maintenance.							3			
Middle School/High School	al	ExteriorRoof	no pic				Area C	Fair	3 average useful service life is 20 years. The condition was The roof consists of a fully adhered EPDM rubber	Perform regular maintenance.	5,300	SF	\$0	\$0		No pricing. \$0.00		s -	\$ -	s -
Middle School/High School	ArchitecturalStructur	ExteriorRoof	no pic				Area D	Fair	membrane. It is approximately 10 years old. The average useful service life is 20 years. The condition was not	=	6.400	SF	\$0	\$0		No pricing. \$0.00	3	s -	s -	s -
and a superinger control	ArchitecturalStructur		i i						The roof consists of a fully adhered EPDM rubber membrane. It is approximately 3 years old. The average	Perform regular maintenance.	-,+00			~		,	3			
Middle School/High School	al	ExteriorRoof	no pic				Area E	Good	3 useful service life is 20 years. The condition was not The roof consists of a fully adhered EPDM rubber	Perform regular maintenance.	315	SF	\$0	\$0		No pricing. \$0.00		s -	s -	s -
Middle School/High School	ArchitecturalStructur	ExteriorPoof					Aron E	Coord	membrane. It is approximately 3 years old. The average useful service life is 20 years. The condition was not		830	ee.	80	*0		No prining	3	e	e	
imidule School/High School	jai	LAIGHUI ROUI	and high	-			rued F	GOOD	<u> </u>	1	030	ər	30	30	· · · · · ·	pro-priority. \$0.00	1 1		14 -	14 -

Middle School/High School	ArchitecturalStructur al	ExteriorRoof	no pic		Area G	Good 3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 3 years old. The average useful service life is 20 years. The condition was not	Perform regular maintenance.	885	SF	\$0	\$0	No pricing.	\$0.00	3	s -	\$ -	\$ -
Middle School/High School	ArchitecturalStructur	ExteriorRoof	no pic		Area H	Good 3	The roof consists of a fully adhered EPDM rubber membrane. It is approximately 3 years old. The average useful service life is 20 years. The condition was not	Perform regular maintenance.	1,125	SF	\$0	\$0	No pricing.	\$0.00	3	s -	s -	s -
							The roof consists of a fully adhered EPDM rubber membrane. It is approximately 5 years old. The average	Perform regular maintenance.	1,120						3			
Middle School/High School	ArchitecturalStructur al	ExteriorRoof	no pic		Area I	Good 3	useful service life is 20 years. The condition was not  Vent of unknown origin is missing vent cover.	Replace vent cover.	11,000	SF	\$0	\$0	No pricing.	\$0.00	3	s -	\$ -	s -
Middle School/High School	ArchitecturalStructur al	ExteriorWalls	20230227_BH08		Façade Near Door 23	Poor 1	Large portions of the brick are discolored and spalling due	Perform exterior masonry repairs including	1	LS	\$500	\$500	N	\$763.69	1	\$ 764	s -	s -
Middle School/High School	ArchitecturalStructur al	ExteriorWalls	TD 18		1942 Orignal Building Brick	Poor 1	to moisture intrusion. In addition, the mortar is heavily damage throughout.	repointing.	3,780	SF	\$35	\$132,300		\$202,072.14	1	\$ 202,072	\$ -	s -
Middle School/High School	ArchitecturalStructur	ExteriorWalls	TD 19		1948 Addition Brick	Fair 2	The 1948 addition features a common brick bond. No brick face damage was observed. Minor staining is evident to the west of the high school entrance.	Perform minor masonry repairs above and to the west of the high school entrance.	100	SE	\$35	\$3,500		\$5,345.82	2	s -	\$ 5.346	
	ArchitecturalStructur				1954 Addition (Gym)		There is evidence of limited repointing done in the past. However, large portions of the brick are damaged, specifically on the upper north wall and west entrance. The	Perform exterior masonry repairs including repointing.		SE					1			
Middle School/High School	al ArchitecturalStructur	ExteriorWalls	TD 20		Brick/Plaster 1972 Addition	Poor 1	There is minor mortar deterioration at the northwest corner of the building. Damage from snow removal equipment is	Perform exterior masonry repairs including tuckpointing. Further investigate the water	3,780	SF	\$35	\$132,300		\$202,072.14	2	\$ 202,072	\$ -	\$ -
Middle School/High School	al	ExteriorWalls	TD 21		Brick	Fair 2	evident along the west wall. Water intrusion was reported  The mortar has evidence of efflorescence on the south wall	intrusion issues that are ongoing.  Perform exterior masonry repairs including	150	SF	\$35	\$5,250		\$8,018.74		\$ -	\$ 8,019	\$ -
Middle School/High School	ArchitecturalStructur al	ExteriorWalls	TD 22		1987 Addition Brick	Fair 2	due to moisture infiltration.	tuckpointing.	215	SF	\$35	\$7,525		\$11,493.52	2	s -	\$ 11,494	s -
Middle School/High School	ArchitecturalStructur	ExteriorWalls	TD 23		Sealants/Througho	Poor 1	Exterior sealants throughout the building are cracking and have lost flexibility.	Remove and replace exterior sealants.	2.000	I.F.	\$7	\$14,000		\$21.383.30	1	\$ 21.383	s -	s -
							Windows throughout the building are double-pane glass with aluminum frames. Older portions of the building feature	Replace windows.	2,000	_		411,122			1			
Middle School/High School	ArchitecturalStructur al	ExteriorWindows	TD 24		Throughout	Poor 1	glass block windows. Moisture penetration was apparent  Exterior doors and frames are showing signs of corrosion.	Replace corroded exterior doors, frames,	2,548	SF	\$85	\$216,580		\$330,799.58		\$ 330,800	\$ -	\$ -
Middle School/High School	ArchitecturalStructur al	ExteriorDoors	TD 28		and Hardware/Through out	Fair 2	The original gym entrance doors are not being utilized as the main entrance to the gym any longer. The number of	and hardware.	1	LS	\$18,750	\$18,750		\$28,638.34	2	s -	\$ 28,638	s -
Middle School/High School	ArchitecturalStructur	ExteriorOther	TD 25		Window Opening Lintels/ Original Building	Poor 2	Many of the original window opening lintels are heavily corroded. The corrosion appears to be the worst on the accent windows and the third floor openings.	Prepare and repaint lintels throughout. Replace in cases where lintels appear wavy or are delaminated.	1	ıs	\$6,250	\$6,250		\$9,546.11	2	s -	\$ 9,546	
	ArchitecturalStructur				Ceiling/Common Areas and		Ceilings in common areas and classrooms are a combination of concealed edge that have water damage.	Replace ACT ceiling grid and tiles.					1st floor - 15 865 SE 2nd -		1			
Middle School/High School	al	interiorceiling	ceiling 1 + 2		Classrooms	Poor 1	Two by four ceiling tiles are sagging.  Locker room ceiling tiles are missing and replacements are not available.	Replace ceiling with hard surface gypsum	27,653	SF	\$14	\$387,142	7,248 SF, 3rd - 4,540 SF Locker Rooms figured at 3,230	\$591,312.27		\$ 591,312	\$ -	s -
Middle School/High School	ArchitecturalStructur al	interiorceiling	ceiling 3		Ceilings/Locker Rooms	Poor 1		ceiling.	3,230	SF	\$20	\$64,600	SF and does not include outside corridors.	\$98,668.63	1	\$ 98,669	\$ -	\$ -
							The band room does not have a ceiling, which impacts acoustics.	Install a ceiling, new lighting, and acoustical wall treatments.					Based on 1,302 SF at ceiling /					
	ArchitecturalStructur				Ceiling/Band								lighting, 2,072 SF acoustical wall treatments figured 148 in		2			
Middle School/High School	al ArchitecturalStructur	interiorceiling	ceiling 4		Room	Poor 2	Walls are a combination of masonry, gypsum board or fiberglass reinforced plastic (FRP) and while functional, give	Re-finish masonry and gypsum board walls and replace restroom floor and wall tile to	1,302	SF	\$51	\$66,402	ft of wall at 14h.  Not enough information to	\$101,420.97	2	\$ -	\$ 101,421	s -
Middle School/High School	al	interiorwalls	wals 1		Walls	Fair 2	a dated/ worn look to spaces.  Most corridors lack quality display cases of student work.	re-fresh spaces. Increase visual display cases in corridors.		SF		\$0	Planning price.	\$0.00		\$ -	\$ -	\$ -
					Display		Materials and branding is in-consistent	Replace corridor flooring, wall, and ceiling finishes to be consistent.					ACT replacement in line 46 above. Pricing reflects flooring replacement and display cases		2			
Middle School/High School	ArchitecturalStructur al	interiorwalls			Cases/Branding/C orridors	Poor 2			9,264	SF	\$25	\$231,600	and refinish of walls based on 9,264 SF.	\$353,740.80		s -	\$ 353,741	s -
	ArchitecturalStructur				Interior		Interior signage and branding is missing, worn, or dated.	Replace room signage and incorporate branding into public spaces.					125 Room signs figured, branding locations figured at 7		2			
Middle School/High School	al	interiorwalls			Signage/Branding	Poor 2	Many interior doors are original and are showing signs of	Replace new doors install ceiling to ceiling	132	EA	\$300	\$39,600	locations	\$60,484.18		\$ -	\$ 60,484	\$ -
Middle School/High School	ArchitecturalStructur al	interiordoors	door 1		Interior Doors	Poor 2	damage.	transfer grills.	115	EA	\$4,000	\$460,000	Price based on 115 interior doors.	\$702,594.00	2	s -	\$ 702,594	s -
	ArchitecturalStructur			Ι Τ			Original corridor to stair doors have wire glass, which is a safety hazard for students and staff.	Replace all wire glass with rated glass.	Ţ						1			
Middle School/High School	al	interiordoors	wire glass		Doors/Corridor	Poor 1	Carpet and VCT is dated, worn, and has exceeded its	Replace classroom flooring with new	32	EA	\$500	\$16,000	Figured 32 doors.	\$24,438.05		\$ 24,438	\$ -	\$ -
	ArchitecturalStructur				Carpet and VCT		useful service life.	carpet and corridor type spaces with polished concrete. Replace stair flooring							1			
Middle School/High School	al	interiorfloors	floor2 andf floor 3		Throughout	Poor 1	Stage floor is dated, worn, and has exceeded its useful service life	with new rubberized treads and risers.  Replace stage floor with new wood stage floor assembly	83,780	SF	\$24	\$2,010,720	Pricing based on 83,780 SF.	\$3,071,130.00		\$ 3,071,130	\$ -	\$ -
Middle School/High School	ArchitecturalStructur al	interiorfloors	floor 4		Floor/Stage	Poor 2		,	2,018	SF	\$24	\$48,432	Stage floor is based on 2,018 SF.	\$73,973.98	2	ş -	\$ 73,974	s -
	ArchitecturalStructur	[]					Vestibules have loosely-laid walk-off mats that can be a trip hazard.	Replace mats with walk-off carpet in vestibules					Figured as 8 locations at 64		1			
Middle School/High School	al	interiorfloors			Vestibule Flooring	Poor 1	Most classrooms lack casework for storage of materials.	Add mix of base and upper and tall storage	512	SF	\$12	\$6,144	SF.	\$9,384.21	-	\$ 9,384	\$ -	\$ -
Middle School/High School	ArchitecturalStructur al	interiorcasework	casework 1		Casework 2	Poor 2	IMC circulation desk is due for replacement.  Casework in science lab is worn and due for replacement.	cabinets in classrooms.  Replace casework.	252	LF	\$700	\$176,400	14' of casework added to 18 classrooms	\$269,429.52	2	s -	\$ 269,430	s -
Middle School/High School	ArchitecturalStructur	interiorcasework	casework 3		Casework/Science	Poor 2			320	LF	\$800	\$256,000	160' of casework figured at each of the 2 Science Rooms	\$391,008.83	2	s -	\$ 391,009	s -
	ArchitecturalStructur						Many restroom floors lack proper accessible clearance.	Reconfigure restrooms for accessibility.							1			
Middle School/High School	al	interiorother	ADA 1		ADA 2	Poor 1	Many of the older stairs have handrails without proper extensions, or only have handrails on one side.	Replace handrails with proper extensions and install handrails on both sides.	12	EA	\$75,000	\$900,000	Pricing based on 12 restrooms	\$1,374,640.43	2	\$ 1,374,640	\$ -	S -
Middle School/High School	ArchitecturalStructur al	interiorother	ADA 3		Stair Rails and Extensions	Poor 2	No accessible route from main entrance into office.	Reconfigure office, or create office addition	544	LF	\$40	\$21,760	Pricing based on 34 locations of 16' LF	\$33,235.75	2	s -	\$ 33,236	s -
	ArchitecturalStructur				Accessible Route/Entrance to		The state of the s	in front of building to create accessible entrance with ramp/elevator to remainder					NID=Mactor		1			
Middle School/High School	al al	interiorother			Route/Entrance to Office	Poor 1	Some doors have non-ADA-compliant knob hardware.	of school levels.  Replace hardware with lever-style				\$0	Planning Solution to price? No pricing.	\$0.00		\$ -	s -	s -
Middle School/High School	ArchitecturalStructur	interiorother	4D4.4		Door Hardwara	Poor 2	2230 nave non-sex-complaint know hardware.	hardware.	50	FΔ	\$850	\$49 300	Quantity of some? Pricing based on 50% on interior doors or 58 doors.	\$75,299,75	2	•	¢ 75 000	
missale Scribbin ligh Scribbi	par .	ance for ourse	F		Door Haluwald	SOI Z	1	<u> </u>	30		3030	\$40,JUU	joi 30 doore.	910,200.10	1		ψ /J,300	

Company   Comp																				
Company   Comp									Art room does not have ADA compliant (forward approach	Replace sink with ADA compliant sink					Printing assumes new fixture					
The content of the									sink).	(forward approach).					and sink and assumes existing		1			
The control of the	Middle Cahool/Link Cahool	ArchitecturalStructur	interiorether	4D4.6				Poor 1			4	EΛ	es soo	\$5.500		60 400 50		e 9.40		e
The control of the	middle ochodir ligit ochodi	ai	interioroniei	nun 3			SIIKAITIOOIII	1001	Ramp from band room to band storage is not ADA-	Replace ramp with handrails.		LA	φυ,υυυ	\$3,300	Condition to de into.	\$0,400.30		3 0,40	-	
Application of the content of the									compliant and lacks handrails.											
March   Marc		Assistant and Charles															2			
Control of Control o	Middle School/High School	Architectural Structur	interiorother	ADA 6			Ramp/Band Room	Poor 2			30	SF	\$150	\$4.500		\$6.873.20		s -	s 6.8	373 S -
Part									Shower areas lack ADA-compliant shower stall.	Reconfigure showers.					Pricing is based on 4 showers.					
Column   C													*****			****	1			
Part	Middle School/High School	aı	interiorother	ADA 7			Snower Stall	Poor 1	Some restroom stalls are too narrow and not ADA-	Reconfigure restroom stall.	4	EA	\$4,650	\$18,600		\$28,409.24		\$ 28,40	, ,	- 3 -
March   Marc									compliant.	3					based on 26 new restroom					
The standard borner of the control															metal partitions but does not		1			
Marke Standard And Market	Middle School/High School	ArchitecturalStructur	interiorother	ADA 8			Restrooms	Poor 1			26	FA	\$900	\$23,400	account for any walls moving in the snaces	\$35,740,65		\$ 35.74	s	. s .
March   Marc									Horizontal surface above cooler/freezer is used for storage,	Enclose space above cooler/ freezer.			*****	420,000		1.00): 10.00			1	_
Anticology   Control of the Contro		ArchitecturalStructur							resulting in dust collection.						Pricing is based on 516 SF of		1			
Part	Middle School/High School	al	interiorother	code 1			Cooler/Freezer	Poor 1	Art room kiln is not in enclosed fire-rated room	Construct a fire-rated kiln enclosure	516	SF	\$12	\$6,192	enclosure lid.  How hig is the kiln to know I F	\$9,457.53		\$ 9,45	\$	- \$ -
Management   Man									Attroom and protein analogou, include room.	Construct a mortaled fair endosare.					of fire rated wall wall needed?					
March   Marc		ArchitecturalStructur													Pricing based on 2 masonry walls at 12 in length v 14 in		1			
Anti-property   Anti-propert	Middle School/High School	al	interiorother	code 2			Kiln/Art Room	Poor 1			336	SF	\$85	\$28,560	height and painted.	\$43,621.92		\$ 43,623	\$ .	- \$ -
March   Control   Contro										Replace mezzanine.					Figured to rebuild the tools					
Proceedings   Procedings   Proceedings   Procedings   Proceedings   Pr		ArchitecturalStructur					Framing/Technical		liamed, which is not allowed under construction type								1			
Part   Continue   Co	Middle School/High School		interiorother	code 3		<u> </u>		Poor 1	<u> </u>	<u> </u>	900	SF	\$150	\$135,000	floor.	\$206,196.06	<u> </u>	\$ 206,19	\$	- s -
Application   Control				1			1			Replace equipment.							_			
March   Controlled   Controll	Middle School/Link Sot	ArchitecturalStructur	interiorother				Equipment/Cv-	Poor ^	service iiie.		4	LS	\$75,000	\$75,000		\$114 552 27	2		s 1111	553 ¢
Secondary   Control   Co	misule schoolingh School	a	interioromer		1		EquipmenivGym	roor 2	There is no accessible route to the stage from the gym.	Construct an accessible route from stage	-	10	φ1 3,000	9/0,000		\$114,003.37	1	* -	114,5 پ	8 -
Application   Part															NP = Master		1			
Part	Middle School/High School	al	interiorother				Stage/Gym	Poor 1	Comp front to detail many	Dealers funiture				\$0	Planning No pricing.	\$0.00	1	\$ -	\$	- \$ -
The State of the Control of the Co		Architectural Str +					Euroituro/Art Da		service life.	replace iumiture.					NR = Macter		2			
Part	Middle School/High School	al	interiorother	furniture 1 and 2				Poor 2						\$0		\$0.00		s -	\$	- s -
March   Marc									Student and athletic lockers are dated, worn, and have	Replace lockers.					Priced based on 50 lockers in					
Company   Comp		ArchitecturalStructur							exceeded their useful service life.						each locker rrom for total of		1			_
Accordance   Contracting State   Contracting	Middle School/High School	al	interiorother	lockers			Lockers	Poor 1	Some drinking fountains are not dual-height for	Replace drinking fountains, one with bottle	100	EA	\$600	\$60,000	100.	\$91,642.70		\$ 91,643	\$ .	- \$ -
Part		ArchitecturalStructur							accessibility.	filler							1			
March Countries   March Coun	Middle School/High School	al	interiorother				Drinking Fountains	Poor 1			6	EA	\$5,000	\$30,000	Price based on 6 fountains.	\$45,821.35		\$ 45,82	\$	- \$ -
Management   Man									Window treatments are worn and due for replacement.	Replace window treatments with manual roller shades										
Company of the Control of the Cont	Middle School/High School		interiorother	window treatments				Poor 2		roller strades.		SE	\$20	sn.	Not enough information to	\$0.00		۹ .	۹ .	
Mode   Property   Pr	middle concorrigit concor	u	inchoronici				Tredutients	1 001 2	Original wood trim is aging and dated.	Re-finish existing wood trim.			QL0	-	prios.	<b>\$0.00</b>			-	
Activation   Control   C		ArchitecturalStructur													Pricing based on 10,000 LN		2			
According Street Medical Part   Market School High Street Medical Part   Mar	Middle School/High School	al	interiorother	5.910(803/28000			Wood Trim	Poor 2	Vitaban office has minisplit copying it. Washer and down		10,000	LF	\$12	\$120,000	FT.	\$183,285.39		S -	\$ 183,2	285 \$ -
Models Goverlage Reverse Part of the Control of the				PROJ/28400- 28499/28466 Washburn					reside in corner of office. Dryer is near exterior wall but	and route directly outside, not into other							3			
Addition School-lings Dioble   Machines Participal Continues	Made Cabacillias Cabaci								must varify vanting goes to outside			Each	\$3,800	\$3,800						e 5004
## Secretary (Part of the Control of School Mechanical Purchage   Management of the Control of School Mechanical Purchage   Manageme	Middle acridol/High acridol	MechanicalPlumbing	HeatingCooling	Schools Facility Asse- Washburn W1/28466			Kitchen	Fair 3			1					\$5,804.04		\$ -		- 3 3,004
Addis Schooling School Medinical Pumbing Analogicality School Medinical Pumbing Analogical School Medinical Pumbing A	Middle School/High School	MechanicalPlumbing	HeatingCooling	Schools Facility Asse- Washburn W128468 5.910jacas/25000 PROJ/28400-	5.970je0si28000 PROJ28400-	S.910(400- PROJ/28400-		Fair 3	Building area served by gravity exhaust with pneumatic	Demolish existing systems/controls.	1					\$5,804.04		\$ -	3	- 3 5,004
According School Mechanical/Funding MedicyColing School M				Schools Facility Asse- Washburn W128468 5-P10jacas-25000 PROJ28400- 28499/28466 Washburn Schools Facility Asse-	PROJ28400- 28499/28496 Washburn Schools Facility Asse-	PROJ28400- 28499/28488 Washburn Schools Facility Asse-	1st Floor HVAC -	Fair 3	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is	Demolish existing systems/controls. Replace existing systems with new Central		er.	600	es 40 000			1	\$ -		- 3 5,604
Middle School-light School   Machanical Purching   Machanical Pu				Schools Facility Asse- Washburn WY28486 5.9Hojecss23000 PROJ028400- 28499/28466 Washburn Schools Facility Asse- Washburn WY28486 5.9Hojecss2000 PROJ028400	S.97tojecisi23000 PRO J28400- 28499/28466 Washbum Schools Facility Asse- Washburn WT/28466 S.97tojecisi23000 PRO J754810	PRO/28400- 28409/28466 Washburn Schools Facility Asse- Washburn W/28466 5-91-9940 (79800,0	1st Floor HVAC -	Poor 1	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in Building area served by gravity exhaust with pneumatic	Demolish existing systems/controls. Replace existing systems with new Central AHU, ductwork and diffusers. New exhaust Demolish existing systems/controls.		SF	\$90	\$540,000			1	\$ -	\$	- \$ -
Addits Strootligh Stoot   MachanicalPuning   Intelligence   Inte	Middle School/High School	MechanicalPlumbing	HeatingCooling	Schools Facility Asse- Washburn W/28468 5/91980300000 PROJ/28400- 28490/28468 Washburn Schools Facility Asse- Washburn W/28468 5/919803000000 PROJ/28400- 28490/28468 Washburn Schools Facility Asse-	S-910ja03/28000 PROJ/28400- 28400/28488 Washburn	Schools Facility Asse- Washburn WI/28466 5-910pcts128000 PROJ/28400- 284001/28466 Washburn	1st Floor HVAC - 1942	Poor 1	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is	Demolish existing systems/controls. Replace existing systems with new Central AHU, ductwork and diffusers. New exhaust Demolish existing systems/controls. Replace existing systems with new Central	6,000	SF		40.00		\$824,784.26	1 1		\$	- \$ -
Modile School-High School Mechanical/Pumbling Mealing/Cooling  Medile School-High School Mech	Middle School/High School	MechanicalPlumbing	HeatingCooling	Schools Facility Asse- Washburn W(2848) 5 / Y10(8535000) PRCJ (28480 Washburn Schools Facility Asse- Washburn W(2848) 5 / Y10(8535000) PRCJ (2848) Washburn Schools Facility Asse- Washburn W(2848)	S-910ja03/28000 PROJ/28400- 28400/28488 Washburn	Schools Facility Asse- Washburn WI/28466 5-910pcts128000 PROJ/28400- 284001/28466 Washburn	1st Floor HVAC - 1942 1st Floor HVAC -	Poor 1	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no cooling or dehumidification. There is no exhaust in	Demolish existing systems/controls. Replace existing systems with new Central AHU, ductwork and diffusers. New exhaust Demolish existing systems/controls. Replace existing systems with new Central AHU, ductwork and diffusers. New exhaust	6,000	SF SF		40.00		\$824,784.26	1		\$	- \$ - - \$ -
Full control of the c	Middle School/High School	MechanicalPlumbing	HeatingCooling	Schools Facility Asse- Washburn W12468 5-7-11265400- 18400/28468 Washburn Schools Facility Asse- Washburn W128468 5-7-112655-00- 18400/28468 Washburn Schools Facility Asse- Washburn W128468	S-910ja03/28000 PROJ/28400- 28400/28488 Washburn	Schools Facility Asse- Washburn WI/28466 5-910pcts128000 PROJ/28400- 284001/28466 Washburn	1st Floor HVAC - 1942 1st Floor HVAC - 1948	Poor 1	Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no colling or dehumidification. There is no exhaust in Building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilators. There is no colling or dehumidification. There is no exhaust in HVAC system damaged. Exhaust required. Plaing	Demolish existing systems/controls. Replace existing systems with new Central AHU, ductwork and diffusers. New exhaust Demolish existing systems/controls. Replace existing systems with new Central AHU, ductwork and diffusers. New exhaust Demolish existing HVAC systems. Provide	6,000	SF SF		40.00		\$824,784.26	1 1		s .	- \$ - - \$ -
There is no cooling of obtained financial function of the search of the	Middle School/High School Middle School/High School	MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling	Schools Facility Asse- Washburn Wid2468 3-7-19passupouto PROJIG2460 28490/28468 Washburn Schools Facility Asse- Washburn Wid2448 3-7-19passupouto 28490/28468 Washburn Schools Facility Asse- Washburn Wid2448 Washburn Wid2448	S-910ja03/28000 PROJ/28400- 28400/28488 Washburn	Schools Facility Assa- Washburn W1028695 b wngstaxtcoxxx PRCJ (28400- 28490/25468 Washburn Schools Facility Assa- Washburn W1/28495	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker	Poor 1	Building area served by granify exhaust with pneumatic controlled dampers and disastrorm unit vertilation. There is no cooling or dehumidification. There is no exhaust in Building area served by granify schalaust with pneumatic corrolled dampers and classrorou unit vertilations. There is no cooling or dehumidification. There is no exhaust in HVACs system damaged. Exhaust required. Piping insulation needs to be added. Diver duct needs to be independently un outside not dumping into unit ductors.	Demoliah existing systems/controls. Replace existing systems with new Central AHL, ducthork and diffusions. New exhaust Demoliah existing systems/controls. Replace existing systems with new Central AHL, ducthork and diffusions. New exhaust Demoliah existing HVAC systems. Provide new central air handler and Exhaust to meet current building codes. Route new	6,000 5,300	Oi .	\$90	\$477,000		\$824,784.26 \$728,559.43	1 1	\$ 728,550		- \$ - - \$ -
Microsoft High School   Micr	Middle School/High School Middle School/High School	MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling	Schools Facility Asse- washburn Wid9486 3-71/passusoutou PROJUS9400- 28490/28460 Wishburn Schools Facility Asse- Washburn Wid9486 PROJUS9400- 28490/28460 Wishburn Washburn Wid9486 Schools Facility Asse- Washburn Wid9486	S-Projects/28000 PROJ028486 Washburn Schools Facility Asse- Washburn WF28468 S:Projects/28000 PROJ028400-	Schools Facility Asse- Washburn Wid-28496 5. 9 *90ptsxxxxxxxxxx PPCU/28400- 28-000/204-08 Washburn Washburn Wid-28496 PPCU/28400- 28-000/20490 Washburn	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker	Poor 1 Poor 1	Building area served by grawly exhaust with pneumatic controlled dampers and disastroom unit vertillators. There is no cooling or dehamidification. There is no exhaust in Building area served by gravity exhaust with pneumatic controlled dampers and disastroom unit vertillators. There is no cooling or dehamidification. There is no exhaust in HAVG system damaged. Exhaust required. Pipring insulation needs to be added. Dyer dut needs to be independently run outside not dumping into unit dustwork. Building areas served by varely exhaust with pneumatic sulfiding pressure served by varely exhaust with pneumatic sulfiding pressure served by varely exhaust with pneumatic sulfidence areas exhaust pressure served such pr	Demoish existing systems/controls. Replace existing systems with new Central AHU, auctivork and diffusers. New exhaust Demoishe existing systems/controls. Replace existing systems with new Central AHU, auctivork and diffusers. New exhaust Demoishe existing HYAC systems. Provide new central air handler and Exhaust to meet current building codes. Route new Resisce aid lassroom far cols! yuft	6,000 5,300	Oi .	\$90	\$477,000		\$824,784.26 \$728,559.43	1 1	\$ 728,550		- \$ - - \$ -
Microsoft High School   Micr	Middle School/High School Middle School/High School	MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling	Washburn WIG5488 5- Yispsaucuston PROJIGS400- SCHOOLS Facility Asse- Washburn WIG25488 S-Projects/28000 PROJIGS400- 28490/28488 Washburn Schools Facility Asse- Schools Facility Asse-	s Projectico de PRO JESEGO - PRO JESEGO - 28499 28496 Washbum Schools Facility Asse-Washbum WI(28466 - PRO JESEGO - PRO JE	Schools Facility Asse- Washburn WIL2866 buryospessazzoo PROL/128400 28409/28468 Washburn Schools Facility Asse- Washburn WIL28466 PPOJ/28400 28409/28466 Washburn 28409/28466 Washburn	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker	Poor 1 Poor 1	Building area served by grawly schaust with pneumatic controlled dampers and disastroom unit verifiation. There is no cooling or dehumidification. There is no exhaust in Building area served by grawly exhaust with pneumatic controlled dampers and disastroom unit verifiation. There is no cooling or dehumidification. There is no exhaust in TRAC system damaged. Exhaust required. Piping TRAC system damaged, Exhaust required. Piping the property of the property of the property of the property o	Demoish existing systems/controls. Replace existing systems with new Central APLI, ducthord, and diffusions. New exhaust Demoish existing systems/controls. Replace existing systems with new Central APLI, ducthord and diffusions. New exhaust Demoish existing systems with new Central APLI, ducthords and diffusions. Provide new central air handler and Exhaust to meet current building codes. Route new Replace air classroom fan colls / unit ventilations with central DAS energy	6,000 5,300	Oi .	\$90	\$477,000		\$824,784.26 \$728,559.43	1 1	\$ 728,550		- \$ - - \$ -
Mode SchoolHigh School MechanicalPlumbing HeatingCooling Mode SchoolHigh School MechanicalPlumbing HeatingCo	Middle School/High School Middle School/High School	MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling	Washburn WICS488 5- Projekto Loudon PROJICS400- SCHOOLS Facility Assa- Washburn WICS488 S-Projects128000 PROJICS400- 28490/28468 Washburn Washburn WICS488 Washburn WICS488 Washburn WICS488 Protects/2848 2002-02-	a yriginasicziou PROJ (22400 22468 Wishibum PROJ 22400 PROJ 22468 Wishibum WI (22468 Schools Facility Asse- Washburn WI (22468 Schools Facility Asse- Washburn WI (22468 Protos) 22460 PROJ (22400 PROJ (22400 PROJ 22400 PROJ (22400 PROJ 22400 PROJ 22400 PROJ 22400 PROJ 22400 PROJ (22400 PROJ 22400 PRO	Schools Facility Asse- Washbeam W12-869 22 wyspeaszaczu. 22 2500/23466 Washbeam Schools Facility Asse- Washbeam W12-8696 PPDUIDS200 2540/03469 Washbeam Schools Facility Asse- Washbeam W12-8696 Proteous/26/66 0202-00.	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker	Poor 1 Poor 1	Building area served by grawly schaust with pneumatic controlled dampers and disastroom unit ventilation. There is no cooling or dehumidification. There is no exhaust in Building area served by grawly exhaust with pneumatic controlled dampers and classroom unit ventilation. There is no cooling or dehumidification. There is no exhaust in HVAC system damaged. Exhaust required. Pipring insulation needs to be added. Dryet dart needs to be independently run outside not dumping into unit outwork. Building area served by grawly exhaust with pneumatic controlled dampers and dissersion dicted fan coil units. If settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and in the Settonous Econome visual statistic in the 1990s and the statistic constitution of the statistic constitution of the statistic constitution of the statistic constitution of the st	Gemolink neisting systems-controls. Replace existing systems with new Central APLI, ducknork and diffusers. New exhaust Cemolink existing systems with new Central APLI, ducknork and diffusers. New exhaust Demolink existing PHAC systems. Provide new central air handler and Exhaust Demolink existing PHAC systems. Provide new central air handler and Exhaust to meet current building codes. Rodze new Replace all classroom flar code is until verifiators with central DACS energy designed control in classrooms. Provide designed control in classrooms. Provide designed control in classrooms. Provide	6,000 5,300	Oi .	\$90	\$477,000		\$824,784.26 \$728,559.43	1 1 1	\$ 728,550		- \$ - - \$ -
Models School-High School Mechanical/Flumbing HealingCooling Models School-High School Mechani	Middle School/High School  Middle School/High School  Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling	Washburn WICS488 5- Projekto Loudon PROJICS400- SCHOOLS Facility Assa- Washburn WICS488 S-Projects128000 PROJICS400- 28490/28468 Washburn Washburn WICS488 Washburn WICS488 Washburn WICS488 Protects/2848 2002-02-	a y rigiesascatou PROJ (22440 - 28490/2468 Washbum Schrods Facility Asse- Washburn WI(28468 8 Wrigiesas(28000 PROJ (28460 - 28490/2846 Washburn Schrods Facility Asse- Washburn WI(28468 Photos(28468 2022-02- 27 Mech Site	Schools Facility Asse- Washbeam W12-869 22 wyspeaszaczu. 22 2500/23466 Washbeam Schools Facility Asse- Washbeam W12-8696 PPDUIDS200 2540/03469 Washbeam Schools Facility Asse- Washbeam W12-8696 Proteous/26/66 0202-00.	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker Rooms/HVAC	Poor 1 Poor 1	Building area served by gravity exhaust with presumatic controlled dampers and disastroom unit ventilation. There is no exhaust in a fluiding area served by gravity exhaust with presumatic controlled dampers and disastroom unit ventilation. There is no exhaust in gravity exhaust exhaus	Gemolin existing systemscontrols. Replace existing systems with new Central AHU, ductrook and diffusers. New exhaust Replace existing systems with new Central AHU, ductrook and diffusers. New exhaust Gemolin- existing systems with new Central AHU, ductrook and diffusers. New exhaust Gemolin- existing HAAC systems. Provide new central air handler and Echasust to meet current building codes. Route new Replace air classroom fan colls i unit verifilatios with central DOAS energy recovery verifilation with induction displacement units in classrooms. Provide displacement units in classrooms. Provide mee without to meet current building	6,000 5,300 8,500	SF	\$90	\$477,000 \$765,000		\$824,784.26 \$728,559.43 \$1,168,444.36	1 1 1	\$ 728,550 \$ 1,168,444	\$	- \$
Middle SchoolHigh School MechanicalPumbing HeatingCoding Middle SchoolHigh School MechanicalPumbing HeatingC	Middle School/High School  Middle School/High School  Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling	Washburn WICS488 5- Projekto Loudon PROJICS400- SCHOOLS Facility Assa- Washburn WICS488 S-Projects128000 PROJICS400- 28490/28468 Washburn Washburn WICS488 Washburn WICS488 Washburn WICS488 Protects/2848 2002-02-	a Propessionatoria PROJ (25400 - 28490/25466 Washibusin Schools Facility Asse- Washibusin WT(25466 - 25400/25466 Washibusin Strong Facility Asse- Washibusin WT(25466 - 25400/25466 Washibusin Schools Facility Asse- Washibusin WT(25466 - 25400/25466 Washibusin Schools Facility Asse- Assessment Friedricaly Assessment Friedricaly Corn-Facilitation	Schools Acately Assets Washbourn Wild-Selde PRO_CISSOD. Schools Residual Selder Schools Residual Selder Schools Residual Selder Schools Residual Selder Schools Residual Selder Schools Residual Selder Schools Residual Selder Washbourn Schools Residual Washbourn Schools Residual Washbourn Schools Washbourn Schools Washbourn Schools Washbourn Schools Washbourn Schools Washbourn Schools Washbourn Schools Washbourn	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker Rooms/HVAC	Poor 1 Poor 1 Poor 1	Building area served by grawly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no controlled charges and classroom unit ventilation. There is no exhaust in leading area served by grawly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in cooling or dehandification. There is no exhaust in maistain needs to be added. Dryer dut needs to be added prefer and the desired prefer and the prefer a	Gemolink nestifing systems/controls. Replace existing systems with new Central AHU, ducknork and diffusers. New orbust Replace existing systems/controls. Replace existing systems with new Central AHU, ducknork and diffusers. New exhaust Demolink existing HVAC systems, Provide new central at handler and E-shaust to meet current building codes. Rode new Replace all desistems of microls of control systems or control or control or control source o	6,000 5,300 8,500	SF	\$90	\$477,000 \$765,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36	1 1 1	\$ 728,550 \$ 1,168,444	\$	- \$
Middle SchoolHigh School   MechanicalPumbing   HeatingCooling   Figure	Middle School/High School  Middle School/High School  Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling	Washburn Wid2968 2-y-repasa zoone PROJUS400- PROJUS400- PROJUS400- Schools Facility Asse- Washburn Wid2966  SiPhoyetal/20000 PROJUS400- 25490/25469 Washburn Wid2966 Washburn Washburn Wid2966 Washburn Washburn Washburn Wid2966 Washburn Washburn Wid2966 Washburn Wa	av rigeaskardou PREO J224400 - 28469224400 - 28469224400 - 28469224400 - 2846924400 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 28469240 -	Schools 7-sclly Assets Walshow W25-366 PRC/25600 PRC/25600 PRC/25600 Washerm Washbum W25-466 Washbum W25-466 PRC/256400 PRC/2564000 PRC/2564000 PRC/2564000 PRC/2564000 PRC/2564000 PRC/2564000 PRC/2564000 PRC/2564000 PRC/25640000 PRC/25640000 PRC/25640000 PRC/25640000 PRC/25640000 PRC/25640000 PRC/256400000 PRC/2564000000000000000000000000000000000000	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker Rooms/HVAC	Poor	Building area served by grawly exhaust with pneumatic controlled dampers and disastroom unit vertilation. There is no exhaust in Building area served by grawly exhaust with pneumatic controlled dampers and disastroom unit vertilation. There is no cooling or dehamidification. There is no exhaust in public plants are provided to the provided of the HAVAD system damaged. Exhaust required. Pipring insulation needs to be added. Dryer dart needs to be independently run outside not dumping into unit ductwork. Building area served by grawly exhaust with pneumatic controlled dampers and disastroom ducted fan coll units. There is no cooling or defamidification. There is no exhaust in Restarcoms. Equipment was installed in the 1950s and is controlled dampers and disastroom ducted fan coll units. There is no cooling or defamidification. There is no exhaust in Restarcoms. Equipment was installed in the 1950s and is controlled presented and the supplications of publications are served by grawly exhaust with pneumatic controlled demoners and disastroom ducter fan coll units.	Gemolink neistling systemschortols. Replace existing systems with new Central AHJ, ducknork and diffusers. New exhaust Gemolink existing systems with new Central AHJ, ducknork and diffusers. New exhaust AHJ, ducknork and diffusers. New exhaust Gemolink existing HAAC systems. Provide new central air handler and Echaust to meet current building codes. Route new Replace all classroom fan colar junit ventilators with central DAS energy recovery ventilator with noduction deplacement units in classrooms. Provide deplacement units in classrooms. Provide deplaceme	6,000 5,300 8,500	SF	\$90	\$477,000 \$765,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36	1 1 1	\$ 728,550 \$ 1,168,444	\$	- \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Models School/High School MechanicalPlumbing HeatingCooling Models	Middle School/High School  Middle School/High School  Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling	Washburn Wid2968 2-y-repasa zoone PROJUS400- PROJUS400- PROJUS400- Schools Facility Asse- Washburn Wid2966  SiPhoyetal/20000 PROJUS400- 25490/25469 Washburn Wid2966 Washburn Washburn Wid2966 Washburn Washburn Washburn Wid2966 Washburn Washburn Wid2966 Washburn Wa	av rigeaskardou PREO J224400 - 28469224400 - 28469224400 - 28469224400 - 2846924400 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 284692440 - 28469240 -	School in Acidly Asset. Well-bound of School in Acidly Asset. PRC/2000. PRC/2000. School in Acidly Well-bound School in Acidly Asset. Bell-bound of School in Acidly Asset. PRC/2000. PRC/	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker Rooms/HVAC	Poor   1   Poor   Poor	Building area served by gravly schaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in a notificial controlled clampers and classroom unit vertilations. There is no exhaust in second controlled dampers and classroom unit vertilations. There is no exhaust in cooking or dehamidification. There is no exhaust in the NAC system damaged. Exhaust required. Pipring the Unit fluctured to the NAC system damaged. Exhaust required. Pipring the unit fluctured in the process of the NAC system damaged and the NAC syste	Gemoins existing systems/controls. Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Replace existing systems/controls. Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Demoins existing PFI-VIX-D systems. Provide new central at horizontal control of the control of	6,000 5,300 8,500	SF	\$90	\$477,000 \$765,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36	1 1 1 1 1 1	\$ 728,550 \$ 1,168,444	\$	- \$ - \$ \$ \$ \$ \$ \$
Execution of the process of the pr	Middle School/High School  Middle School/High School  Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling	Washburn Wildeld  2 yr rights  3 yr rights  4 yr rights  4 yr rights  5 yr rights  6 yr rights  6 yr rights  6 yr rights  7 yr rights	sy repeasations 1969/01/28400 Washburn 1969/01/28600 Washburn Washburn W1/28460 1979/01/2860 Washburn 1979/01/2860 1979/01/2860 Washburn 1979/01/2860 Washburn	Schools valley Asses- water with a second of the control of the co	tst Floor HVAC - 1942 1st Floor HVAC - 1948 Locker Rooms/HVAC 1st Floor HVAC - 1972	Poor   1   Poor   Poor   1   Poor   P	Building area served by grawly exhaust with pneumatic controlled dampers and disastroom unit vertillators. There is no exhaust in no solitoring or dehumidification. There is no exhaust in salarding area served by grawly exhaust with pneumatic controlled dampers and disastroom unit vertilations. There is no exhaust in cooling or dehumidification. There is no exhaust in mealution needs to be added. Dryer dart needs to be independently run outside not dumping into unit ductwork. Building area served by grawly exhaust with pneumatic controlled dampers and disastroom ducted fan coll units. There is no exhaust in There is no exhaust in the state of the properties of the prope	Gemolin existing systems controls. Replace existing systems with new Central AHJ, ducknots and diffusers. New exhaust AHJ, ducknots and diffusers. New the controls existing systems with new Central AHJ, ducknots and diffusers. New exhaust Oemolins existing HAVD, systems, Provide new central air handler and Echasust Oemolins existing HAVD systems. Provide new central air handler and Echasust to meet current building codes. Route new Replace ail classroom fan colis i unit ventilators with central DOAS energy recovery ventilator with noduction deplacement units in classrooms. Provide deplacement units in classrooms. Provide deplacement units in classrooms. Provide deplacement and control building codes.	6,000 5,300 8,500	SF	\$90	\$477,000 \$765,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36	1 1 1 1	\$ 728,550 \$ 1,168,444	\$	- S
Middle SchoolHigh School MechanicalPlumbing HeatingCooling Processing School High School MechanicalPlumbing HeatingCooling Processing School MechanicalPlumbing HeatingCooling Processing School MechanicalPlumbing HeatingCooling School MechanicalPlumbing School MechanicalPlumbing HeatingCooling School MechanicalPlumbing Heat	Middle School/High School Middle School/High School Middle School/High School Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling	Washburn Wildeld  - In Vigoration  - In	sy repeasations 1969/01/28400 Washburn 1969/01/28600 Washburn Washburn W1/28460 1979/01/2860 Washburn 1979/01/2860 1979/01/2860 Washburn 1979/01/2860 Washburn	Schools valley Asses- water with a second of the control of the co	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC - 1st Floor HVAC - 1st Floor HVAC - 1st Floor HVAC -	Poor   1   Poor   Poor   1   Poor   Poor   1   Poor   Poor   1   Poor   Po	Building area served by gravly schaust with pneumatic controlled dampers and disastroom unit vertilation. There is no exhaust in a normal program of the pro	Genotian seisting systemscontrols. Replace existing systems with new Central AHU, duckrook and diffusers. New exhaust AHU, duckrook and diffusers. New the AHU, duckrook and diffusers. New charlast AHU, duckrook and diffusers. New central at AHU, duckrook and diffusers. New exhaust Genotian seisting HALC systems, Provide new central air handler and Echasutt to meet current building codes. Route new Replace air classroom fan coils / unit ventilators with central DOAS energy recovery ventilator with induction displacement units in classrooms. Provide displacement units in classrooms. Provide move otherats to meet current building codes. Replace all classroom fan coils / unit ventilators with central DOAS energy recovery ventilators with central DOAS energy recovery ventilator with induction.	6,000 5,300 8,500	SF SF	\$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000	Cellings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57	1 1 1 1	\$ 728,556 \$ 1,168,444 \$ 2,501,846	i s .	- S
Models School/High School MechanicalPlumbing HeatingCooling Models	Middle School/High School Middle School/High School Middle School/High School Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling	Washburn Wild 2968 - wryspasson of the control of	sy repeasations 1969/01/28400 Washburn 1969/01/28600 Washburn Washburn W1/28460 1979/01/2860 Washburn 1979/01/2860 1979/01/2860 Washburn 1979/01/2860 Washburn	Schools valley Asses- water with a second of the control of the co	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC - 1st Floor HVAC - 1st Floor HVAC - 1st Floor HVAC -	Fair   3     Poor   1     Poor   1     Poor   1     Poor   1     Poor   1	Building area served by grawly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in socioling or dehumidification. There is no exhaust in soluting area served by grawly exhaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in cooling or dehumidification. There is no exhaust in exhaust required. Pipring insulation needs to be added. Dryer doth needs to be independently run outside not dumping into unit outsident count of the properties of the prop	Gemoliah existing systems-controls. Replace existing systems with new Central APLU, ducknork and diffusers. New exhaust APLU, ducknork and diffusers. New exhaust Demoliah existing systems with new Central APLU, ducknork and diffusers. New exhaust Demoliah existing HYAC systems. Provide new central air handler and Echaust Demoliah existing HYAC systems. Provide new central with andler and Echaust to meet current building codes. Rode new years and the provided of the control of the	6,000 5,300 8,500	SF SF	\$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000	Cellings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57	1 1 1 1	\$ 728,556 \$ 1,168,444 \$ 2,501,846	i s .	- S S
Middle SchoolHigh School MechanicalPlumbing HeatingCooling Waterwards with School MechanicalPlumbing Waterwards with School MechanicalPlumbing HeatingCooling Waterwa	Middle School/High School Middle School/High School Middle School/High School Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling	Washburn Wildeld	sy repeasations 1969/01/28400 Washburn 1969/01/28600 Washburn Washburn W1/28460 1979/01/2860 Washburn 1979/01/2860 1979/01/2860 Washburn 1979/01/2860 Washburn	Schools valley Asses- water with a second of the control of the co	1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker Rooms/HVAC 1st Floor HVAC - 1972 1st Floor HVAC - 1987	Fair   3	Building area served by grawly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in socioling or dehumidification. There is no exhaust in soluting area served by grawly exhaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in cooling or dehumidification. There is no exhaust in exhaust required. Pipring insulation needs to be added. Dryer doth needs to be independently run outside not dumping into unit outsident count of the properties of the prop	Gemoins existing systems/controls. Replace existing systems with new Central API-U, ducknork and diffusers. New exhaust API-U ducknork systems/corticular. Replace existing systems with new Central API-U, ducknork and diffusers. New exhaust Demoists existing systems with new Central API-U, ducknork and diffusers. New exhaust Demoists existing 1974/C systems. Provide meet current bulling codes. Route new Replace all classroom fan cosis runt vertilations with central DOAS energy recovery verilistor with induction displacement units in classrooms. Provide new exhaust to meet current bulling recovery verilistors with next community of displacement units in classrooms. Provide meet current bullding units of the provide in the current bullding units of the provi	6,000 5,300 8,500	SF SF	\$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57	1 1 1 1 1	\$ 728,556 \$ 1,168,444 \$ 2,501,846	i s .	- \$ - \$ \$ \$
Models School/High School MechanicalPlumbing MediangCooling Plumbing MediangCooling Plumbing MechanicalPlumbing MechanicalPlumb	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Washburn Wildeld	sy repeasations 1969/01/28400 Washburn 1969/01/28600 Washburn Washburn W1/28460 1979/01/2860 Washburn 1979/01/2860 1979/01/2860 Washburn 1979/01/2860 Washburn	Schools valley Asses- water with a second of the control of the co	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1987  2nd Floor HVAC -	Poor   1   Poor   1	Building area served by grawly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in socioling or dehumidification. There is no exhaust in soluting area served by grawly exhaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in cooling or dehumidification. There is no exhaust in exhaust required. Pipring insulation needs to be added. Dryer doth needs to be independently run outside not dumping into unit outsident count of the properties of the prop	Gemolink nestifing systems/controls. Replace existing systems with new Central API-U, ducknork and diffusers. New orbust Replace existing systems/controls. Replace existing systems with new Central API-U, ducknork and diffusers. New exhaust Demolink existing HVAC systems. Provide new central are handler and Exhaust Demolink existing HVAC systems. Provide new central in Anneller and Exhaust to meet current building codes. Rode new ventral control and control and systems or the control of the control displacement units in classrooms. Provide new exhaust to meet current building codes. Replace all classroom fan coils / unit ventilators with central DOAS energy recovery ventilators with central DOAS recry ventilators with recry ve	6,000 5,300 8,500 18,200 5,000	SF SF	\$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000	Cellings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$887,320.21	1 1 1 1 1	\$ 728,551 \$ 1,168,444 \$ 2,501,841 \$ 687,320	s s	- \$ - \$
Middle School/High School Mechanical/Furmbing HeatingCooling Mechanical/Furmbing Heati	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Washborn Wil-2960 PROJ.19540. 26400.26460 Washburn Washburn Wil-2640 Si-Proposition 200000 PROJ.195400 Si-Proposition 200000 PROJ.195400 P	Service of the Control of the Contro	Books Farly Assa- vances and Assa- pances and Assa- dances and Assa- and A	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1987  2nd Floor HVAC -	Fair 3  Poor 1  Poor 1  Poor 1  Poor 1  Poor 1	Building area served by grawly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in no coling or dehumidification. There is no exhaust in soluting area served by grawly exhaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in no cooling or dehumidification. There is no exhaust in pleusance of the property of the	Gemolish existing systems controls.  Replace existing systems with new Central AFIU, ducknots and diffusers. New exhaust Replace existing systems controls.  Replace existing systems controls.  Replace existing systems with new Central AFIU, ducknots and diffusers. New exhaust Demolish existing FIVAC systems. Provide new central in hander and Exhaust Demolish existing FIVAC systems. Provide new central braider and Exhaust to meet current building codes. Rode new verifiations with central DOAS energy recovery ventilator with industrol meet current building codes.  Replace all classroom fan colis i unit ventilators with central DOAS energy recovery ventilator with industrol ventilators with central DOAS energy recovery ventilator with industron under the control of the control of the control ventilators with central DOAS energy recovery ventilators with central DOAS replace and in classrooms. Provide codes.	6,000 5,300 8,500 18,200 5,000	SF SF	\$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$887,320.21	1 1 1 1 1	\$ 728,551 \$ 1,168,444 \$ 2,501,841 \$ 687,320	s s	- \$ - \$
Middle SchoolHigh School MechanicalPumbing HeatingCooling Middle SchoolHig	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Washinn Wid-Bild PROJUSSION 25460 (2546) Washinn 25	Service of the Control of the Contro	Books Farly Assa- vances and Assa- pances and Assa- dances and Assa- and A	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1972  2nd Floor HVAC - 230 Gymnasium	Fair   3     Poor   1     Poor   1     Poor   1     Poor   1     Poor   1	Building area served by gravity schaust with pneumatic controlled dampers and disastroom unit ventilation. There is no exhaust in leading area served by gravity exhaust with pneumatic controlled dampers and disastroom unit ventilation. There is no exhaust in leading area served by gravity exhaust with pneumatic controlled dampers and disastroom unit ventilation. There is no exhaust in cooking or dehamidification. There is no exhaust in exhaust required. Pipring mostilation needs to be added. Dipty and the reds to be added. Dipty and the reds to be added. Dipty and the reds to be added. But on the reds to be added. But of the reds to be added. But on the reds to be added to the reds to be added. But on the reds to be added to the reds to be added. But on the reds to be added to the reds to the reds to be added to the reds to be added to the reds t	Gemoins existing systems/controls. Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Replace existing systems/controls. Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Demoins existing PI-VAC systems. Demoins existing PI-VAC systems. Demoins existing PI-VAC systems. Replace acting and diffusers. Replace all clears are consistent or control of the contr	6,000 5,300 8,500 18,200 5,000	SF SF SF	\$90 \$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$687,320.21	1 1 1 1 1 1 1	\$ 728,591 \$ 1,168,444 \$ 2,501,844 \$ 687,32	i s	- \$ \$
Models School/High School MechanicalPlumbing HeatingCooling  Models School/High School Mechani	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Weakhorn Wid-Bell  PROJ. 28400. 28400 Washington  Proj. 28400. 28400 Washington  Washington Washington  Salah  Sal	Services of the Control of the Contr	Booth First Anna  Anna Anna Anna Anna Anna Anna Ann	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1972  2nd Floor HVAC - 230 Gymnasium	Fair   3     Poor   1	Building area served by grawly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in no cooling or dehumidification. There is no exhaust in soluting area served by grawly exhaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in cooling or dehumidification. There is no exhaust in simulation needs to be added. Dryer dart needs to be independently on outside not dismpring into unit outside not industriate the simulation reads to be added. Dryer dart needs to be independently on outside not dismpring into unit outside not state of the simulation reads to be added. Dryer dart needs to be independently on outside not dismpring into unit outside not state of the substitution of the simulation of the s	Gemolish existing systems-controls. Replace existing systems-controls. Demolish existing FHAC systems. Provide new certair all handler and Echasut to meet current building codes. Rode new Replace all classroom fan colar junit verifiators with certair BOAS energy responses to the control of	6,000 5,300 8,500 18,200 5,000	SF SF SF	\$90 \$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$687,320.21	1 1 1 1 1 1 1	\$ 728,591 \$ 1,168,444 \$ 2,501,844 \$ 687,32	i s	- S
Anterior Model School High School Mechanical Plumbing Media School High School Mechanical Plumbing Mechanical Plumbing Mechanical School Mechanical Plumbing Mechanical	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Weakhorn Wid-Bell  PROJ. 28400. 28400 Washington  Proj. 28400. 28400 Washington  Washington Washington  Salah  Sal	Services of the Control of the Contr	Section Fuel Assessment Fuel Assessment Fuel Assessment Section Fuel Assessment Fuel Assessmen	1st Floor HVAC - 1942 1st Floor HVAC - 1942 1st Floor HVAC - 1948 Locker Rooms/HVAC - 1972 1st Floor HVAC - 1972 2nd Floor HVAC - 290 2nd Floor HVAC - 1942	Fair   3     Poor   1	Building area served by gravly schaust with pneumatic controlled dampers and disastroom unit vertilation. There is no exhaust in a building area served by gravily schaust with pneumatic controlled dampers and disastroom unit vertilation. There is no exhaust in place of the properties of the properti	Gemoins existing systems/controls. Replace existing systems with new Certral API-U, ductors and diffusers. New exhaust API-U ductors. New Systems with new Certral API-U, ductors and diffusers. New exhaust Demoins existing systems with new Certral API-U, ductors and diffusers. New exhaust Demoins existing PVAC systems. Provide ment of the control of	6,000 5,300 8,500 18,200 5,000	SF SF SF	\$90 \$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$687,320.21	1 1 1 1 1 1 1 1 1	\$ 728,591 \$ 1,168,444 \$ 2,501,844 \$ 687,32	i s	- S
Electric Freith Asset   Elec	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Weakhorn Wid-Bell  PROJ. 28400. 28400 Washington  Proj. 28400. 28400 Washington  Washington Washington  Salah  Sal	Services of the Control of the Contr	Section Fuel Assessment Fuel Assessment Fuel Assessment Section Fuel Assessment Fuel Assessmen	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1972  2nd Floor HVAC - 230 Gymnasium  2nd Floor HVAC - 1942  2nd Floor HVAC -	Poor   1	Building area served by gravity schaust with pneumatic controlled dampers and disastroom unit ventilation. There is no exhaust in leading area served by gravity enhaust with pneumatic controlled dampers and disastroom unit ventilation. There is no exhaust in leading area served by gravity enhaust with pneumatic controlled dampers and disastroom unit ventilation. There is no exhaust in exhaust required. Pipring the production reads to be added. Dipty exhaust required. Pipring exhaust the present of the production of the production reads to be added. Dipty exhaust exhaust required. Pipring exhaust required production of the producti	Gemolink existing systems/controls. Replace existing systems with new Central AHU, ducknork and diffusers. New exhaust Replace existing systems with new Central AHU, ducknork and diffusers. New exhaust Demolink existing systems with new Central AHU, ducknork and diffusers. New exhaust Demolink existing HVAC systems. Provide new central air handler and Exhaust new Replace all classroom flan costs / unit replace all classroom flan costs / unit recovery ventilator with reduction years of the cost of the cost of the cost of the cost displacement units in classrooms. Provide new exhaust to meet current building codes.  Replace all classroom flan costs / unit ventilators with reduction of the cost of the cost displacement units in classrooms. Provide new exhaust to meet current building codes.  Replace all classrooms flan costs / unit ventilators with central DOAS energy displacement units in classrooms. Provide new exhaust to meet current building codes.  Update systems with new Central AHU, ducknork, and diffusers. New exhaust Replace existing systems/controls. Replace existing systems with new central AHU, ducknork and diffusers. New exhaust	6,000 5,300 8,500 18,200 5,000	SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000	Cellings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$687,320.21 \$99,279.59 \$824,784.26	1 1 1 1 1 1 1	\$ 728,59 \$ 1,168,44 \$ 2,501,64 \$ 687,32 \$ 99,28 \$ 824,76		- S
Models School/High School MechanicalPlumbing HeatingCooling Number of the Control	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Weathern Wide Bill  PROJ. 28400. 28400 Washington  Proj. 28400. 28400 Washington  Proj. 28400 Washingt	Service of the Control of the Contro	The control years was a second of the control years was a second year of the control years was a second	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1972  2nd Floor HVAC - 230 Gymnasium  2nd Floor HVAC - 1942  2nd Floor HVAC -	Poor   1   Poor   1	Building area served by gravly schaust with pneumatic controlled dampers and disastroom unit vertilation. There is no exhaust in a building area served by gravily schaust with pneumatic controlled dampers and disastroom unit vertilation. There is no exhaust in place of the property of	Gemolin seisting systems/controls. Replace existing systems with new Central AFU, ductwork and diffusers. New enhants Replace existing systems/controls. Replace existing systems/controls. Replace existing systems with new Central AFU, ductwork and diffusers. New enhants Demolins existing FHAC systems. Provide new central art handler and Echanatt to meet current building codes. Route new Replace all classroom fan colal runit ventilators with central DOAS energy recovery ventilator with inaduction recovery ventilators with central DOAS energy recovery ventilators with central DOAS recovery ventilators with recovery recovery ventilators and recovery recovery ventilators and recovery recovery ventilators. Replace additing recovery recovery ventilators. New recovery recovery ventilators.	6,000 5,300 8,500 18,200 5,000	SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000	Ceilings and lighting included?	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$687,320.21 \$99,279.59 \$824,784.26	1 1 1 1 1 1 1 1	\$ 728,59 \$ 1,168,44 \$ 2,501,64 \$ 687,32 \$ 99,28 \$ 824,76		- S S S
Models School/High School MechanicalPlumbing HeatingCooling Number of the Control	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Seathern Woldeld  POLICIANO  POLI	Service of the Control of the Contro	Books First Assac Assaches Assaches As	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1972  2nd Floor HVAC - 230 Gymnasium  2nd Floor HVAC - 1942  2nd Floor HVAC -	Poor   1	Building area served by gravly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in a building area served by gravity exhaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in cooling or dehumidification. There is no exhaust in preumatic controlled dampers and classroom cuterior. There is no exhaust in expert of the previous cooling or dehumidification. There is no exhaust in expert of the previous cooling or dehumidification. There is no exhaust in the subsequenterly in outside not durning in the unit fluctured. Building area served by gravity exhaust with pneumatic controlled dampers and classroom ducted fan coil units. There is no cooling or dehumidification. There is no exhaust in extensions. Equipment was installed in the 1980s and is at the end of its oseful life in its exhaust in the subsequenter of the s	Gemoins existing systems/controls. Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots and diffusers. New exhaust Demoins existing 19-IVAC systems. Provide were central an handled and Echaust to Replace aid classroom far cosis unit vernitations with central DOAS energy recovery veriliation with induction displacement units in classrooms. Provide new exhaust to meet current building codes. Replace aid classroom far cosis unit vernitations with central DOAS energy recovery veriliation with induction displacement units in classrooms. Provide new exhaust to meet current building codes. Replace existing systems with new Central API-U, ducknots, and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots, and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots, and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots, and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots, and diffusers. New Demoins existing versions. Provide Replace existing systems with new Central API-U, ducknots, and diffusers. New Demoins existing versions. Provide Demoins existing versions. Provide Demoins existing versions. Provide Demoins existing versions. Provide Demoins existing versions.	6,000 5,300 8,500 18,200 5,000	SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000		\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$687,320.21 \$99,279.59 \$824,784.26	1 1 1 1 1 1 1 1 1 1	\$ 728,59 \$ 1,168,44 \$ 2,501,64 \$ 687,32 \$ 99,28 \$ 824,76		- \$ \$
Oust collector was installed in 1982. Ductwork in space observed to be clear and well minimative and shall remain in service. Welder exhaust was reported by teacher to be undersized. Welding system has good Retails consistent of the shall remain in service.  Brown Welder exhaust was reported by teacher to be undersized. Welding system has good Retails connections but media a more powerful fan for fume capture.  2 the state of the	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Seatolium voll-deligi POLI/SEGO.  POLI/SEGO.  ENDO/SEGO.  ENDO/SEG	Service of the Control of the Contro	Books First Assac Assaches Assaches As	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1972  2nd Floor HVAC - 230 Gymnasium 2nd Floor HVAC - 1942  2nd Floor HVAC - 1942  2nd Floor HVAC - 1942	Poor   1	Building area served by grawly schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in no cooling or dehumidification. There is no exhaust in soluting area served by grawly exhaust with pneumatic controlled dampers and classroom unit ventilation. There is no cooling or dehumidification. There is no exhaust in exhaust controlled ampers and classroom unit ventilation. There is no exhaust expured. Pipring insulation needs to be added. Dryer dott needs to be independently run outside not dumping into unit outwork. Building area served by grawly exhaust with pneumatic controlled dampers and classroom ducted fan coil units. It is not exhaust in the server of	Gemoins existing systems/controls. Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots and diffusers. New exhaust Demoins existing 19-IVAC systems. Provide were central an handled and Echaust to Replace aid classroom far cosis unit vernitations with central DOAS energy recovery veriliation with induction displacement units in classrooms. Provide new exhaust to meet current building codes. Replace aid classroom far cosis unit vernitations with central DOAS energy recovery veriliation with induction displacement units in classrooms. Provide new exhaust to meet current building codes. Replace existing systems with new Central API-U, ducknots, and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots, and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots, and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots, and diffusers. New exhaust Demoins existing systems with new Central API-U, ducknots, and diffusers. New Demoins existing versions. Provide Replace existing systems with new Central API-U, ducknots, and diffusers. New Demoins existing versions. Provide Demoins existing versions. Provide Demoins existing versions. Provide Demoins existing versions. Provide Demoins existing versions.	6,000 5,300 8,500 18,200 5,000	SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000	Confirm if this includes cellinas lichtina, etc.	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$687,320.21 \$99,279.59 \$824,784.26	1 1 1 1 1 1 1 1	\$ 728,59 \$ 1,168,44 \$ 2,501,64 \$ 687,32 \$ 99,28 \$ 824,76		- \$ - \$ \$ \$ \$ \$ \$
cobserved to be clean and well maintained and shall remain in service. Well end evaluate was reported by teacher to be undersized. Welding system has good flexible connections but needs a more powerful fan for fume capture.  2 but needs a more powerful fan for fume capture.  2 but needs a more powerful fan for fume capture.  2 conditions well needs a more powerful fan for fume capture.  2 conditions well needs a more powerful fan for fume capture.  2 conditions well needs a more powerful fan for fume capture.	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Seatolium voll-deligi POLI/SEGO.  POLI/SEGO.  ENDO/SEGO.  ENDO/SEG	Service of the Control of the Contro	Section First Nation  **Committee Committee Co	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC - 1947  1st Floor HVAC - 1972  1st Floor HVAC - 1967  2nd Floor HVAC - 1942  2nd Floor HVAC - 1942	Poor   1     Poo	Building area served by gravity schaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in leading area served by gravity enhaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in leading area served by gravity enhaust with pneumatic controlled dampers and classroom unit ventilation. There is no exhaust in exhaust in expert of the property of the prop	Gemoline seasing systems/controls. Replace existing systems with new Central AHU, ducknot and diffusers. New exhaust Replace existing systems/controls. Replace existing systems with new Central AHU, ducknot and diffusers. New exhaust Demoline seasing systems with new Central AHU, ducknot and diffusers. New exhaust Demoline seasing HVAC systems. Provide we central and handled and Exhaust to Replace all classrooms far social unit werntalors with central DOAS energy recovery verillation with induction displacement units in classrooms. Provide new exhaust to meet current building codes.  Replace and classrooms far social unit werntalors with control DOAS energy recovery verillation with induction displacement units in classrooms. Provide new exhaust to meet current building codes.  Replace and classrooms far social unit werntalors with exhaust to displacement units in classrooms. Provide meet current building codes.  Quality of the control of the control displacement units in classrooms. Provide displacement units in classroom	5,300 5,300 8,500 18,200 5,000 10,000 6,000 5,300	SF SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000 \$477,000	Confirm if this includes cellings, lighting, etc. Everything needed to	\$824,784,26 \$728,559,43 \$1,168,444,36 \$2,501,845,57 \$687,320,21 \$99,279,59 \$824,784,26 \$728,559,43	1 1 1 1 1 1 1 1	\$ 728.55 \$ 1,168.44 \$ 2,501.84 \$ 687.32 \$ 99.28 \$ 824.78 \$ 728.55		- S
15-37 Notes Sits AssessmentOut 2nd Floor HVAC -	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Seatolium voll-deligi POLI/SEGO.  POLI/SEGO.  ENDO/SEGO.  ENDO/SEG	Service of the Control of the Contro	Section First Nation  **Company Company Company  **Company Company Company  **Company Company  **Company Company  **Company Company  **Company Company  **Company  **	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC - 1947  1st Floor HVAC - 1972  1st Floor HVAC - 1967  2nd Floor HVAC - 1942  2nd Floor HVAC - 1942	Fair   3     Poor   1	Building area served by gravly exhaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity exhaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity exhaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in exhaust in conceing or detained interest of the controlled area of the controlled dampers and classroom ducted fan coll units at the end of its useful life in the rest of the controlled dampers and classroom ducted fan coll units at the end of its useful life in the rest of the controlled dampers and classroom ducted fan coll units at the end of its useful life in the rest of the controlled dampers and classroom ducted fan coll units at the end of its useful life in the rest of the controlled dampers and classroom ducted fan coll units at the end of its useful life in the rest of the controlled dampers and classroom ducted fan coll units at the end of its useful life in the rest of controlled dampers and classroom ducted fan coll units at the end of its useful life in the rest of maintenance and controlled classroom and classroom unit were discontrolled dampers and classroom unit were discontrolled dampers and classroom unit were discontrolled dampers and classroom unit were discontrolled classroom and classroom unit vertilation. There is no exhaust in securities of particular dampers and classroom unit vertilation. There is no exhaust in restorment capacity of particular dampers and classroom unit vertilation. There is no exhaust in restorment capacity and dastroom ducted fan coll units. There is no cooling or dehundification. There i	Gemolink nestifing systems/controls. Regiance existing systems with new Central AHU, ducknork and diffusers. New exhaust Regiance existing systems with new Central AHU, ducknork and diffusers. New exhaust Demolink existing systems with new Central AHU, ducknork and diffusers. New exhaust Demolink existing HVAC systems, Provide new central air handler and Exhaust to meet current building codes. Route new Registica all classroom fair cosis / unit variety verifiator with neduction of statement with respect to the control displacement units in classrooms. Provide new exhaust to meet current building codes. Registica all classroom fair cosis / unit verifiators with reservation of the control displacement units in classrooms. Provide new exhaust to meet current building codes. Registica call classroom fair cosis / unit verifiators with reservations. Provide new exhaust to meet current building codes. Update systems with DDC controls and resolve unit activation issues to prevent grown unit decideration. Demolish existing systems with new Central Registica existing systems with new central AHU, ducknots, and diffusers. New air handler and exhaust to meet code. Registica existing systems of throvide new air handler and exhaust to meet code. Registica existing systems of throvide new air handler and exhaust to meet code. Registica existing systems of throvide new air handler and exhaust to meet code. Registica existing systems of throvide new air handler and exhaust to meet code. Registica existing systems of throvide new air handler and exhaust to meet code. Registica existing systems of throvide new air handler and exhaust to meet code. Registica existing systems of throvide new air handler and exhaust to meet code. Registica existing systems of throvide Registica existing systems of throvide new air handler and exhaust to meet code. Registica existing systems of throvide Registica existing systems of th	5,300 5,300 8,500 18,200 5,000 10,000 6,000 5,300	SF SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000 \$477,000	Confirm if this includes cellings, lighting, etc. Everything needed to	\$824,784,26 \$728,559,43 \$1,168,444,36 \$2,501,845,57 \$687,320,21 \$99,279,59 \$824,784,26 \$728,559,43	1 1 1 1 1 1 1 1	\$ 728.55 \$ 1,168.44 \$ 2,501.84 \$ 687.32 \$ 99.28 \$ 824.78 \$ 728.55		- S
15-37 Notes Sits AssessmentOut 2nd Floor HVAC -	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Seathern Woldeling POLICISATION	Service of the Control of the Contro	Section First Nation  **Company Company Company  **Company Company Company  **Company Company  **Company Company  **Company Company  **Company Company  **Company  **	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC - 1947  1st Floor HVAC - 1972  1st Floor HVAC - 1967  2nd Floor HVAC - 1942  2nd Floor HVAC - 1942	Poor   1   Poor   1	Building area served by gravly schaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in a building area served by gravity exhaust with pneumatic controlled dampers and classroom unit vertilations. There is no exhaust in preumatic controlled dampers and classroom unit vertilations. There is no exhaust in coulding or dehamidification. There is no exhaust in the preumatic controlled dampers and classroom ducted fan coil units. There is no exhaust in the supplementary to unstall not of units preumatic controlled dampers and classroom ducted fan coil units. There is no cooling or dehumidification. There is no exhaust in the supplementary controlled dampers and classroom ducted fan coil units. There is no cooling or dehumidification. There is no exhaust in the supplementary controlled dampers and classroom ducted fan coil units. There is no exhaust in the supplementary controlled controlled dampers and dassroom ducted fan coil units. There is no exhaust in the supplementary controlled dampers and classroom ducted fan coil units. There is no exhaust in the supplementary controlled dampers and classroom ducted fan coil units. There is no exhaust in the supplementary controlled dampers and classroom ducted fan coil units. There is no exhaust in the supplementary controlled dampers and classroom unit vertilations. There is no cooling or dehumidification. There is no exhaust in persuantic controlled dampers and classroom unit vertilations. There is no cooling or dehumidification. There is no exhaust in preumatic controlled dampers and classroom unit vertilations. There is no cooling or dehumidification. There is no exhaust in preumatic controlled dampers and classroom unit vertilations. There is no exhaust in preumatic controlled dampers and classroom unit vertilations. There is no exhaust in preumatic controlled dampers and classroom unit vertilations. There is no exhaust in preumatic controlled dampers and classroom unit vertilations. There is no exhaust in preumatic controlled da	Gemoline seasing systems/controls. Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Demoline seasing systems/controls. Replace existing systems with new Central API-U, ducknots and diffusers. New exhaust Demoline seasing systems with new Central API-U, ducknots and diffusers. New exhaust Demoline seasing 19-IVAC systems, fronder Replace and Exhaust to Replace and Exhaust Replace Replace exhaust Replace Repl	5,300 5,300 8,500 18,200 5,000 10,000 6,000 5,300	SF SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000 \$477,000	Confirm if this includes cellings, lighting, etc. Everything needed to	\$824,784,26 \$728,559,43 \$1,168,444,36 \$2,501,845,57 \$687,320,21 \$99,279,59 \$824,784,26 \$728,559,43	1 1 1 1 1 1 1	\$ 728.55 \$ 1,168.44 \$ 2,501.84 \$ 687.32 \$ 99.28 \$ 824.78 \$ 728.55		- S
15-37 Notes Sits AssessmentOut 2nd Floor HVAC -	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Seathern Woldeling POLICISATION	Service of the Control of the Contro	Section First Nation  **Company Company Company  **Company Company Company  **Company Company  **Company Company  **Company Company  **Company Company  **Company  **	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC - 1947  1st Floor HVAC - 1972  1st Floor HVAC - 1967  2nd Floor HVAC - 1942  2nd Floor HVAC - 1942	Poor   1   Poor   1	Building area served by gravity schaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity obtains with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity obtains with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in expertilation. There is no exhaust in expertilation representation repr	Gemolink nestifing systems/controls. Replace existing systems with new Central APIU, ducknork and diffusers. New orbusts Replace existing systems/controls. Replace existing systems with new Central APIU, ducknork and diffusers. New exhaust Demolink existing HYAC systems, Provide new central art handler and Schaust to meet current building codes. Rode new Replace all classroom flam coils / unit vaccovery verifiator with induction of the control of the control of the control replace and classroom flam coils / unit vaccovery verifiator with induction of the control of the control of the control replace and classroom flam coils / unit vaccovery verifiator with neduction orders. Replace all classroom flam coils / unit verifiators with central DoAS energy recovery verifiator with neduction. The control of the coils of the control recovery verifiator with neduction. Orders of the coils of the coils of the coils of the coils orders. Update systems with DDC controls and resolve unit activation issues to prevent grown and coils of the coils of the coils orders. Demolish existing systems/controls. Demolish existing systems orders or control APIU, ducknot can definater. New exhaust Demolish existing systems/controls. Replace existing systems or control APIU, ducknot can definater in control APIU, ducknot can definater in control Replace Rezoro brand roof top unit (RTU), dust coilection system, air cleaner and well furne exhaust Ducknot in space	5,300 5,300 8,500 18,200 5,000 10,000 6,000 5,300	SF SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000 \$477,000	Confirm if this includes cellings, lighting, etc. Everything needed to	\$824,784,26 \$728,559,43 \$1,168,444,36 \$2,501,845,57 \$687,320,21 \$99,279,59 \$824,784,26 \$728,559,43	1 1 1 1 1 1 1 1 1	\$ 728.55 \$ 1,168.44 \$ 2,501.84 \$ 687.32 \$ 99.28 \$ 824.78 \$ 728.55		- \$ - \$
NassamenDust 2nd Floor HVAC -	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	Seathern Woldeling POLICISATION	Service of the Control of the Contro	Section First Nation  **Company Company Company  **Company Company Company  **Company Company  **Company Company  **Company Company  **Company Company  **Company  **	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC - 1947  1st Floor HVAC - 1972  1st Floor HVAC - 1967  2nd Floor HVAC - 1942  2nd Floor HVAC - 1942	Poor   1   Poor   1	Building area served by gravity schaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity obtains with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity obtains with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in expertilation. There is no exhaust in expertilation representation repr	Gemolink nestifing systems/controls. Replace existing systems with new Central APIU, ducknork and diffusers. New orbusts Replace existing systems/controls. Replace existing systems with new Central APIU, ducknork and diffusers. New exhaust Demolink existing HYAC systems, Provide new central art handler and Schaust to meet current building codes. Rode new Replace all classroom flam coils / unit vaccovery verifiator with induction of the control of the control of the control replace and classroom flam coils / unit vaccovery verifiator with induction of the control of the control of the control replace and classroom flam coils / unit vaccovery verifiator with neduction orders. Replace all classroom flam coils / unit verifiators with central DoAS energy recovery verifiator with neduction. The control of the coils of the control recovery verifiator with neduction. Orders of the coils of the coils of the coils of the coils orders. Update systems with DDC controls and resolve unit activation issues to prevent grown and coils of the coils of the coils orders. Demolish existing systems/controls. Demolish existing systems orders or control APIU, ducknot can definater. New exhaust Demolish existing systems/controls. Replace existing systems or control APIU, ducknot can definater in control APIU, ducknot can definater in control Replace Rezoro brand roof top unit (RTU), dust coilection system, air cleaner and well furne exhaust Ducknot in space	5,300 5,300 8,500 18,200 5,000 10,000 6,000 5,300	SF SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000 \$477,000	Confirm if this includes cellings, lighting, etc. Everything needed to	\$824,784,26 \$728,559,43 \$1,168,444,36 \$2,501,845,57 \$687,320,21 \$99,279,59 \$824,784,26 \$728,559,43	1 1 1 1 1 1	\$ 728.55 \$ 1,168.44 \$ 2,501.84 \$ 687.32 \$ 99.28 \$ 824.78 \$ 728.55		- \$ - \$ \$ \$ \$ \$
Middle School/High School Mechanical Plumbing Heating/Cooling   Justinet   1972 Tech Ed   Fair   2   5,700   SF   \$90   \$513,000   \$783,545,04   \$ - \$ 783,545   \$ -	Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling HeatingCooling	The Control of the Co	Service of the Control of the Contro	Section First Nation  **Company Company Company  **Company Company Company  **Company Company  **Company Company  **Company Company  **Company Company  **Company  **	1st Floor HVAC - 1942  1st Floor HVAC - 1948  Locker Rooms/HVAC - 1947  1st Floor HVAC - 1972  1st Floor HVAC - 1967  2nd Floor HVAC - 1942  2nd Floor HVAC - 1942	Fair 3   Poor 1   P	Building area served by gravity schaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity obtains with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity obtains with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in expertilation. There is no exhaust in expertilation representation repr	Gemolink nestifing systems/controls. Replace existing systems with new Central APIU, ducknork and diffusers. New orbusts Replace existing systems/controls. Replace existing systems with new Central APIU, ducknork and diffusers. New exhaust Demolink existing HYAC systems, Provide new central art handler and Schaust to meet current building codes. Rode new Replace all classroom flam coils / unit vaccovery verifiator with induction of the control of the control of the control replace and classroom flam coils / unit vaccovery verifiator with induction of the control of the control of the control replace and classroom flam coils / unit vaccovery verifiator with neduction orders. Replace all classroom flam coils / unit verifiators with central DoAS energy recovery verifiator with neduction. The control of the coils of the control recovery verifiator with neduction. Orders of the coils of the coils of the coils of the coils orders. Update systems with DDC controls and resolve unit activation issues to prevent grown and coils of the coils of the coils orders. Demolish existing systems/controls. Demolish existing systems orders or control APIU, ducknot can definater. New exhaust Demolish existing systems/controls. Replace existing systems or control APIU, ducknot can definater in control APIU, ducknot can definater in control Replace Rezoro brand roof top unit (RTU), dust coilection system, air cleaner and well furne exhaust Ducknot in space	5,300 5,300 8,500 18,200 5,000 10,000 6,000 5,300	SF SF SF SF	\$90 \$90 \$90 \$90 \$7 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000 \$477,000	Confirm if this includes cellings, lighting, etc. Everything needed to	\$824,784,26 \$728,559,43 \$1,168,444,36 \$2,501,845,57 \$687,320,21 \$99,279,59 \$824,784,26 \$728,559,43	1 1 1 1 1 1	\$ 728.55 \$ 1,168.44 \$ 2,501.84 \$ 687.32 \$ 99.28 \$ 824.78 \$ 728.55		- S
	Middle School/High School  Middle School/High School	MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing MechanicalPlumbing	HeatingCooling	Seathern Woldeling PROJ. (2800)	Service of the Control of the Contro	Section First Nation  **Company Company Company  **Company Company Company  **Company Company  **Company Company  **Company Company  **Company Company  **Company  **	1st Floor HVAC - 1942  1st Floor HVAC - 1948  1st Floor HVAC - 1948  Locker Rooms/HVAC  1st Floor HVAC - 1972  1st Floor HVAC - 1987  2nd Floor HVAC - 1948  2nd Floor HVAC - 1948  2nd Floor HVAC - 1948  2nd Floor HVAC -	Poor   1   Poor   1	Building area served by gravity schaust with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity obtains with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in leading area served by gravity obtains with pneumatic controlled dampers and classroom unit vertilation. There is no exhaust in expertilation. There is no exhaust in expertilation representation repr	Gemolink nestifing systems/controls. Replace existing systems with new Central APIU, ducknork and diffusers. New orbust Replace existing systems/controls. Replace existing systems with new Central APIU, ducknork and diffusers. New exhaust Demolink existing HYAC systems. Provide new central art handler and Exhaust to meet current building codes. Rode new Replace all classroom flam coils / unit version of the control of the control of the control Replace and Chaust in classrooms. Provide new central art handler and Exhaust of provided one of the coils of the control displacement units in classrooms. Provide new exhaust to meet current building codes. Replace all classroom flam coils / unit versitations with central DOAS energy recovery versilator with neducion. Trovide new chaust to meet current building codes. Replace existing systems with DDC controls and resolve unit activation issues to prevent grown and the control of the control Demolish existing systems/controls. Demolish existing systems/controls. Demolish existing systems/controls. Controls existing systems with DDC control Replace existing systems systems. Provide new air handler and diffusers. New exhaust Demolish existing systems of diffusers. Replace Report brand roof top unit (RTU), dust collection system, air cleaner and well furner exhaust Ducknork in space shall remain in service.	5,300 8,500 18,200 5,000 10,000 5,300	SF SF SF SF SF SF	\$90 \$90 \$90 \$90 \$90 \$90	\$477,000 \$765,000 \$1,638,000 \$450,000 \$65,000 \$477,000	Confirm if this includes cellings, lighting, etc. Everything needed to	\$824,784.26 \$728,559.43 \$1,168,444.36 \$2,501,845.57 \$687,320.21 \$99,279.59 \$824,784.26 \$728,559.43	1 1 1 1 1 1	\$ 728.55 \$ 1,168.44 \$ 2,501.84 \$ 687.32 \$ 99.28 \$ 824.78 \$ 728.55		- S S

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			PROJ28400-	PROJ28400-	PROJ28400-				Building area is served by gravity exhaust with pneumatic controlled dampers and classroom ducted fan coil units.	Demolish existing HVAC systems. Provide new air handler and exhaust to meet code.													
			Schools Facility Asse-	Schools Facility Asse-	Schools Facility Asse-		oor HVAC -	.	There is no cooling or dehumidification. There is no exhau	new air nandier and exhaust to meet code.		SE		\$450,000				\$687 320 21	1		887 320 S		_
Middle School/High School	I MechanicalPlumbing	HeatingCooling	Washburn W128466	Washburn WT/28466	Washburn WI28466	1987	F	oor	Building area served by gravity exhaust with pneumatic	Demolish existing systems/controls.	5,000	SF	\$90	\$450,000				\$687,320.21		\$ 6	587,320 \$		\$ -
			28499/28466 Washburn	28499/28466 Washburn	28499/28466 Washburn				controlled dampers and classroom unit ventilators. There is	Replace existing systems with new central													
			Schools Facility Asse- Washburn Wt/28466	Schools Facility Asse- Washburn W1/28466	Schools Facility Asse- Washburn WI/28466				no cooling or dehumidification. There is no exhaust in	AHU, ductwork and diffusers. Install new									4				
			Photosi28466 2022-02- 27 Mech Site	Photosl28466 2022-02- 27 Mech Site					restrooms. Equipment was installed in the 1980s and is at	exhaust in restrooms and new direct digital													
Middle School/High School	. Marchanian (Direction	Harting Carling	AssessmentiClassroom	Assessment/Hallway Conv-Fan colls	27 Mech Site Assessment/Classroom Heating(120 - Phy Ed-	3rd Floo	or HVAC -		the end of its useful service life in terms of maintenance and controls operation.	controls (DDC).	6.500	SE	\$90	\$585,000				\$893,516.28			393.516 S		
Middle School/High School	MechanicalPlumbing	neatingCooling	nessing	Conv-ran coss	nessing(120 - Phy Eq-	1942		1001	Structural reinforcement for new HVAC System is likely du	Undate structural as required to support	0,500	ər	\$90	\$365,000				\$693,516.26	_	3 0	93,510 \$		
									to added equipment and ductwork for central system.	new roof mounted equipment.									1				
Middle School/High School	MechanicalPlumbing	HeatingCooling				Building	ıg F	oor			1	LS	\$100,000	\$100,000		A	llowance.	\$152,737.83		\$ 1	152,738 \$	- 3	s -
			PROJI28400-						There are two natural gas-fired hot water boilers that supp	y Replace 1993 Boiler with a 2 million btu			1										
		PipingHeatingCoolin	28499/28466 Washburn Schools Facility Asse-						the building's heating system. One was installed in 1993 and the other in 2018. The average useful service life is 1	Aerco Benchmark to match 2018 installation. Add new unit to existing boiler									1				
Middle School/High School	I MechanicalPlumbing	g	Washburn Wt/28466			105 - Br	Boiler Room F	oor			1	LS	\$125,000	\$125,000				\$190,922.28		\$ 1	190,922 \$	- :	\$ -
			PROJI28400-						The abandoned steam boiler remains in place in the boiler room. This boiler is no longer in use along with the back-u	Remove the boiler and fuel oil tanks.									2				
Middle School/High School	Markeria IDI. arkina	PipingHeatingCoolin	28499/28466 Washburn Schools Facility Asse- Washburn W/28466			40F D	Boiler Room   F		fuel oil system.	´		LS	\$25,000	\$25,000				\$38,184.46	2			38.184	
Middle School/High School	MechanicalPlumbing	g	WWW.DUTT WILZDHOO			103 - Bi	Solier Room P	1001	DNR reports there to have been underground fuel oil tank	Verify acquracy of these existing		Lo	\$25,000	\$25,000	-	_		\$30,104.40	_	3	- 3	30,104	
									previously but these have been removed and site has bee	conditions.													
									closed.										2				
		PipingHeatingCoolin													ISG to follow								
Middle School/High School	MechanicalPlumbing	g				105 - Br	Boiler Room F	oor			1	Each	\$0	\$0	up	N	o pricing.	\$0.00		\$	- \$	- 1	\$ -
			PROJI28400-						Staff reported the fan to be slightly underpowered for	Provide new roof mounted fan and													
			28499/28466 Washburn Schools Facility Asse-						number of welding booths that are connected. Utility set fa noisy and disruptive.	ductwork through existing penetration.									2				
Middle School/High School	MechanicalPlumbing	OtherMechanical	Washburn Wt/28466			240 - Te	Tech Ed. F	air	Walk in freezer/cooler are original per staff (1972). Floors	Replace freezer and cooler with new	1	Each	\$15,000	\$15,000				\$22,910.67		\$	- \$	22,911	\$ -
			S:Projects/28000						are rotted out and are only solid being frozen underneath.	f enclosures, see architectural costs.													
			PROJI28400- 28499/28466 Washburn Schools Facility Asse-						they shut off, the floor thaws and floods. Compressors are	Provide new refrigeration system serving													
			Washhum WI28466						in tunnel below stairs and overheat due to lack of cooling.	freezer and cooler.									1				
			Photosi28466 2022-02- 27 Mech Site																				
Middle School/High School	MechanicalPlumbing	OtherMechanical	Assessment/Walk in Freezer-Coolers	1	1	Kitchen	n	air			2	Each	\$15,000	\$30,000				\$45,821.35		s	45.821 \$		s -
			S:910ja03/28000 PROJ28400-	1				-	The emergency gas shut off valve is in locked box in	Update gas shut offs to include required			Ç. 3,000	123,000							.,		
			28499/28466 Washburn Schools Facility Asse-	1		- 1			hallway. This is not code compliant in current state and wi	manual valve at or near teachers station.	1	1						1	1				
Middle School/High School	MechanicalPlumbing	OtherMechanical	Washburn W/28466	1		124 - Si	Science F	oor	need to be updated.	Install emergency power off (EPO) switch	2	Each	\$10,000	\$20,000				\$30,547.57		\$	30,548 \$	- 1	\$ -
				1			Т		Grille and minisplit serve the main server room. Staff repo	Modify HVAC to increase airflow to server		1 -		_	1	Т	·			_		T	
			S:(Projects/28000 PROJ/28400-						the room exceeds 80°F if the doors closed in winter. Minisplit is off in the winter and the cooling provided by the	closet to adequate levels to offset the heat gain. Cost is included in the HVAC	l	1			1								
			PROJI28400- 28499/28466 Washburn Schools Facility Asse- Washburn WC28466						HVAC isn't enough.	replacement for the 1987 addition.									2				
			Washburn Wt/28466 Photos/28466 2022-02-																				
			27 Mech Site														ost included in HVAC						
Middle School/High School	MechanicalPlumbing	OtherMechanical	Assessment/Server Room			214 - Te	Tech F	air			1	LS	\$0	\$0	NP		placement above.	\$0.00		s	- \$	- 3	s -
			S:IProjects/28000						There are two gas-fired water heaters installed in 1998 that	Remove and replace water heaters with							•						
			PROJ 28400- 28499/28466 Washburn						provide potable hot water to the building. The average useful service life of water heaters is 15 years. Equipment	equivalent natural gas fired water heaters.													
			Schools Facility Asse-						is past expected useful service life.										1				
			Washburn WI28466 Photosi28466 2022-02- 27 Mech Site						is past expected asolal survice inc.														
			Assessment/Water			405 B	Boiler Room   F					Each	****	\$50,000				****			76,369 \$		.
Middle School/High School	MechanicalPlumbing	Plumbingvvater	Heaters 5.9 rejects 20000			105 - Bi	soller Room	air	Emergency eyewash station is original to the building, but	Replace with current code compliant	2	Each	\$25,000	\$50,000				\$76,368.91		\$	76,369 \$	- 1	\$ -
			PROJI28400- 28400/28466 Washburn Schools Facility Asse-						still functioning. This only has cold water supplied to it whi	h eyewash with tepid water (60-100°F).									2				
Middle School/High School	I MechanicalPlumbing	PlumbingWater	Schools Facility Asse- Washburn WI28466			240 - Te	Tech Ed. F	air	is not compliant with current code.	Route hot water pipe to new fixture or add	-1	Each	\$10,000	\$10,000				\$15,273.78	_	s	- s	15,274	s -
								_	Existing galvanized sanitary pipes are failing in multiple	Further investigations can made be using			,	,				¥ . 4 , 2		•	Ť	,	•
									locations throughout the building. Many of the failures are	cameras. Is it likely the entire drainage									1				
Middle School/High School	MechanicalPlumbing	PlumbingWater				Building	ıg F	oor	inaccessible or underground. Repairs have been made wi		96,400	SF	\$20	\$1,928,000				\$2,944,785.27		\$ 2,9	944,785 \$	- :	s -
			PROJI28400-						Kitchen equipment / piping original to building and outdate	Provide new plumbing/HVAC as part of full													
			28499/28466 Washburn Schools Facility Asse-					.	<ul> <li>Walk in cooler/freezer are failing and will be replaced by Architecture per individual component line item. Galvanize</li> </ul>	kitchen renovation. Cost does not include									1				_
Middle School/High School	MechanicalPlumbing	PlumbingWater	Washburn W128466			Plumbir	ing/Kitchen F	oor	Restroom plumbing fixtures are in fair condition with newe		1	Each	\$250,000	\$250,000				\$381,844.56		\$ 3	81,845 \$		\$ -
			PROJ/28400- 28499/28466 Washburn			3rd Flor			faucets and flush valves. 3rd floor Restroom Urinals only	match other fixtures in building									3				
Middle School/High School	I MechanicalPlumbing	Restrooms	Schools Facility Asse- Washburn WI28466			Bathroo		air	observed restroom fixtures without sensor flush valves	9	4	Fach	\$1,000	\$4,000				\$6,109.51		s	- s	- 1	s 6 110
			PROJ28400-					_	Floor Drain in pit in Boiler Room is very dirty and full of dir	Cleanout drain and snake piping				4.,				441,444.0		-	-		9 0,110
			28499/28466 Washburn Schools Facility Asse-						No cover on drain and visible corrosion. This drain will nee										1				
Middle School/High School	I MechanicalPlumbing	OtherPlumbing	Washburn WI/28466			105 - Br	Boiler Room F	oor	to be cleaned up and replaced.	Provide new drain cover and sediment	1	Each	\$2,000	\$2,000				\$3,054.76		\$	3,055 \$	- 3	s -
			PROJ28400- 28400/28466 W	PROJ28400- 28400/28466 Washing		L			Existing storm drainage condition and code compliance is suspect. Storm piping suspected to be original galvanized	Review all overflow storm drains on building exterior and properly terminate									2				
Made Carallina C.	Manharita (Direct)	Other Direction	Schools Facility Asse-	Schools Facility Asse-	1	Storm/F	Piping/Buildi		pipe similar to sanitary and could have the same failure	with downspout nozzles. Replace and	86 400	SE	\$5	\$432,000				\$659 827 40	2			659.827	
Middle School/High School	mechanicalriumbing	Ometriumbing	THE DUTT WILLDARD	WWW.EUITH WILCOMOS		ng		all	Power cord reels are hung from the structure and enter	Move cord reels below the ceiling tiles and	30,400	or	30	\$432,000		_		4009,021.40	+	٩	- 3	009,027	•
			1			Power 0	Cord		rooms through removed ceiling tiles.	re-install missing ceiling tile to maintain									1				
Middle School/High School	I ElectricalTechnology	PowerSupply	TD 01	1			Art Room F	Poor		smoke separation.	1	LS	\$750	\$750				\$1,145.53		\$	1,146 \$	- 1	s -
1				1			Distribution		The main distribution panel is located in a small room	Perform regular maintenance.	1	1	1			$\neg$							
			1				Concession		adjacent to the concession stand. The 1,200 amp, Westinghouse brand panel was installed in 1994. The		l	1			1				3				
Middle School/High School	I ElectricalTechnology	PowerSupply	TD 02	<b> </b>	<del>                                     </del>	Stand		300d	There are three Cutler-Hammer brand fusible switchboard	Design with a solution of the Co.	1	LS	\$0	\$0	<b></b>	- N	o pricing.	\$0.00	-	\$	- \$	- 1	S -
			1	1			t Original		located in the original building and 1948 addition. They	Replace with a switchboard that has circuit breakers.	1	1						1	4				
Middle School/High School	FlectricalTechnology	PowerSupply	TD 03			Addition	ig and 1948	oor	appear to be original to construction. The average useful		3	Each	\$22,500	\$67.500	1			\$103.098.03	1 ' 1	S 1	103.098 \$		s -
aana oonoon ngn ochool				1		- vacuuOt		~	All of the branch panels observed throughout the facility a	Replace panels.		Laur	VEE,300	907,000		-		ψ100,000.00		- 1			-
			1			Branch	,		either past or approaching their average useful service life		l	1			1				2				
Middle School/High School	l ElectricalTechnology	PowerSupply	TD 04				Throughout F	air	All were installed between 1972 and 2000. Some panels		20	Each	\$12,500	\$250,000				\$381,844.56		s	- \$	381,845	s -
				1				- 1	The facility lacks receptacles for devices resulting in powe	Replace and add receptacles.		1		1	T	Γ		1	1 7			T	7
			L			Classro		. 1	strips and extension cords. There are no tamper resistant receptacles.						] ]			A450 T	2			450 5	_
Middle School/High School	i ⊫lectricalTechnology	PowerSupply	TD 10	1		recepta	acies F	100r	Some of the exterior building mounted lighting fixtures are	Replace with LED fixtures.	1	LS	\$100,000	\$100,000	-	+		\$152,737.83	$\vdash$	\$	- \$	152,738	٠ -
			1						not LED. They appear to be high intensity discharge (HID)	replace will LED lixidies.	l	1			]				2				
Middle School/High School	I ElectricalTechnology	Exterior inhting	TD 05	1	1	Building	a Exterior F	oor	fixtures which provide poor light levels. Lighting at entrance		6	Each	\$750	\$4,500	1			\$6,873.20		s	- s	6.873	s -
				1		_ amount its			The parking lots have no lighting and rely on the building	Install parking lot lighting.			2.00	Ţ.,000				22,070.20		-		2,370	
			1						mounted lights.		l	1			1				2				
Middle School/High School	I ElectricalTechnology	ExteriorLighting	no pic	ļ		Parking	g Lots F	oor			1	LS	\$30,000	\$30,000				\$45,821.35		\$	- \$	45,821	s -
			1						It is estimated that 90% of the building's lighting has been	Replace remaining non-LED fixtures and	l	1			1				1				
Middle Caba 1977 1 C 1	Florida T	laterial inter		1		Through	about _	inir	updated to LED. However, lighting controls have not been updated.	update lighting controls.		LS	6240 000	\$310,000				\$473,487.26	3	e	_	I.	\$ 473,487
Middle School/High School	i Electrical Lectrology	interiorLighting	10.06	<del> </del>		rnrougr	grout F	all	Performance lighting above the stage and dimming control	s Replace performance lighting dimming	<u> </u>	LO	\$310,000	φ310,000		$\rightarrow$		\$413,401.2D	+	٩	-   3	- 3	9 4/3,46/
			1						are outdated. There are extension cords used as permane		l	1			1				1				
Middle School/High School	ElectricalTechnology	InteriorLighting	TD 07			Stage L	Lighting F	Poor	wiring, which does not meet code.		1	LS	\$150,000	\$150,000	1	c	omes from previous projects.	\$229,106.74		\$ 2	229,107 \$	- 3	s -
									The fire alarm panel and associated devices were recently	Perform regular maintenance.													
			1	1		- 1			updated to voice notification.		1	1						1	3				
Middle School/High School	I ElectricalTechnology	LifeSafety	TD 08	1		Fire Ala	arm C	Good	1		1	LS	\$0	\$0		N	o pricing.	\$0.00		\$	- \$	- :	\$ -

Middle School/High School   ElectricalTechnology   LifeSafety	TD 09	Emergenc Lighting/Ti ut	cy Througho Po	oor	Many of the emergency lighting fixtures appeared past their usefule service life.	Replace emergency lighting system.	25	Each	\$360	\$9,000		\$13,746.40	1	s	13,746 \$		\$ -
Middle School/High School   ElectricalTechnology   LifeSafety	TD 13	Paging System/Th t	hroughou Fa	air :	The paging system is connected to the clocks, bells, and phone system. The main system controls are having issues.  The speakers throughout the building are outdated.		1	LS	\$80,000	\$80,000		\$122,190.26	2	s	- \$	122,190	s -

	Security		A network of Verkada brand security cameras are located throughout the building interior and exterior. They were										
	Cameras/Through		installed around 2017. Coverage appears to be adequate.							2			
Middle School/High School ElectricalTechnology Security TD 11	out F			1	LS	\$0	\$0	No pricing.	\$0.00		\$ -	\$ -	\$ -
	Door	/	An Axis brand door access system is installed on five Upgrade door access and video intercom										
	Access/Throughou		exterior doors around the building. The IT Director reports system.							2			
Middle School/High School ElectricalTechnology Security 10 12	t  F		having issues with this system. Other doors located around	1	LS	\$20,000	\$20,000		\$30,547.57		\$ -	\$ 30,54	8 \$ -
			Wi-Fi access points are located throughout the building. Perform regular maintenance.										
			Coverage is reported to be adequate. The system was							3			
Middle School/High School ElectricalTechnology DataNetwork TD 14	Wi-Fi/Throughout G		updated in 2020.	1	LS	\$0	\$0	No pricing.	\$0.00		s -	\$ -	\$ -
			Servers and tech equipment for the building. Perform regular maintenance and clean up					No pricing. District should					
			cabling in equipment racks.					handle this with their IT		3			
Middle School/High School ElectricalTechnology DataNetwork TD 16	214 - Tech 0	Good 3		1	LS	\$0	\$0	provider.	\$0.00		S -	\$ -	\$ -
		1	The gym speakers were updated recently. The two Perform regular maintenance.										
	Gym Speakers &		scoreboards were also replaced.							3			
Middle School/High School ElectricalTechnology Audiovisual TD 15		Good 3		1	LS	\$0	\$0	No pricing.	\$0.00		s -	\$ -	s -
		١	Various configurations of audiovisual equipment throughout Update classroom displays and cabling to										
	Classrooms/Throu		classrooms from projectors to wall mounted TVs, to mobile meet District standards for consistency and							2			
Middle School/High School ElectricalTechnology Audiovisual TD 17	ghout F	Fair 2	cart mounted TVs with various levels of cable management. serviceability.	1	LS	\$150,000	\$150,000		\$229,106.74		S -	\$ 229,10	7 \$ -
							\$0		\$27,025,518		\$ 21,573,589	\$ 4,945,29	8 \$ 506,631



## Glossary

Word Acronym	Definition/Acronym
A/C	Air conditioning.
ADA	Americans with Disabilities Act.
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers. ASHRAE standards establish consensus for test methods and performance criteria. These include voluntary consensus standards for Method of Measurement or Test, Standard Design and Standard Practice. Consensus standards define minimum values or acceptable performance. ASHRAE is accredited by the American National Standards Institute (ANSI) and follows ANSI's requirements for due process and standards development.
BUR	Built up roof.
Casework	Casework is storage, shelving, and cabinetry, that can be purchase ready-made.
CIP	Cast-in-place.
CMU	Concrete Masonry Units.
Domestic Cold Water	Drinking water.
Egress	An exit out of a space, building, or parking lot.
EPDM	Ethylene propylene diene terpolymer rubber.
Exposed (isolation) joints, Isolation joint	Allows movement to occur between a concrete slab and adjoining columns and walls of a building. Isolation joints are provided to separate new concrete from existing or adjacent construction, which might expand and contract differently or experience different soil settlement or other movement.

Word Acronym	Definition/Acronym
Facade	Exterior surface of a structure.
Word Acronym	Definition/Acronym
Fluorescent	Traditional lighting that often is in a tube. Known to be less efficient than LED.
Gypsum Board	A type of sheathing used for interior walls and ceilings, also known as sheetrock or drywall.
Hazardous Materials	Any item or agent (biological, chemical, radiological, and/or physical), which has the potential to cause harm to humans, animals, or the environment, either by itself or through interaction with other factors.
HVAC	Heating, Ventilation, and Air Conditioning.
Ingress	Entrance into a space, building, or parking lot.
LED	Light-emitting diode. Light bulb type that uses less energy and has a longer lifespan that incandescent lighting.
Life Safety	Construction, protection, and occupancy features necessary to minimize danger to life from the effects of fire, including smoke, heat, and toxic gases created during a fire. Life Safety Code and NFPA 101 are registered trademarks of NFPA. All or part of the NFPA's Life Safety Code are adopted as local regulations throughout the country.
MEP	Mechanical, Electrical, and Plumbing.
Millwork	Custom made cabinets, shelving, and storage.
Panic bar	The operational bar or paddle that when pushed against, opens a latching mechanism on an assembly referred to as panic hardware.
Parcel	A portion or area of land.

Word Acronym	Definition/Acronym
Parge	Parge is a grout-like coating that sometimes gets applied to the outside Block walls (similar to stucco)
Rising Damp	Moisture that has entered brick masonry and has moved upwards from the floor, causing damage to the walls.
Seasoning Check	A separation of the fiber in a timber beam or column that does not extend completely through the member; commonly appears as wood dries out over time.
Sheet Flow	Flow that occurs overland in places where there are no defined channels, the flood water spreads out over a large area at a uniform depth. This also referred to as overland flow.
Tuckpointing	Tuckpointing uses two different colors of mortar to fill in mortar joints of brickwork.  One of the two colors used is made to match the actual bricks.
Repointing	The process of removing damaged mortar joints and renewing them.
Site Grading	Site grade is the slope and elevation of the soil around a building.
Topography	The detailed mapping or charting of the features of a land area.
Truncated domes	Truncated domes are tactile paving or a set of raised bumps on a pathway (sidewalk) or platform.  Truncated domes alert visually impaired individuals of surface changes and other potential hazards.
Utilities	Services typically piped or wired onto the site from a city source. For example, electricity, gas, water, cable, and telephone services are considered utilities.
VCT	Vinyl Composition Tile. Typically used on floors.

## EXPERTISE

Architecture

Engineering

Environmental

Planning

WORK

Commercial

Education

Food + Industrial

Government + Cultural

Healthcare

Housing

Mining

Public Works

Sports + Recreation

Telecommunications + Energy

Transportation

Water



Bentonville, AR

Des Moines, IA

Storm Lake, IA

Waterloo, IA

Bloomington, MN

Mankato, MN

Rochester, MN

St. Louis Park. MN

Pierre, SD

Sioux Falls, SD

Green Bay, WI

La Crosse, WI

Milwaukee, WI

ISGInc.com

On January 12, 2017, ISG formally announced its transition of firm ownership to a 100% employee stock ownership plan (ESOP). As a multi-disciplinary firm that started 50+ years ago, ISG has since grown to be a Top 500 Design Firm as recognized by Engineering News-Record (ENR), a Zweig Group Hot Firm, and PSMJ Circle of Excellence recipient, illustrating the progressive increase in talent, expertise, and market share.













