

# RECAPP Facility Evaluation Report

## Calgary School District #19



### Midsun Junior High School

B4854A

Calgary

**Facility Details**

**Building Name:** Midsun Junior High School  
**Address:** 660 Sunmills Drive S. E.  
**Location:** Calgary  
  
**Building Id:** B4854A  
**Gross Area (sq. m):** 7,171.82  
**Replacement Cost:** \$16,412,324  
**Construction Year:** 1998

**Evaluation Details**

**Evaluation Company:** Neil Jaud Architect inc.  
**Evaluation Date:** July 29 2008  
**Evaluator Name:** Neil Jaud

**Total Maintenance Events Next 5 years:** **\$57,500**  
**5 year Facility Condition Index (FCI):** **0.35%**

**General Summary:**

Sprinklered two Storey Steel frame 1997 school with masonry veneer to second floor level and EIFS finish above. Main floor area 4500m2 and second floor area 2631.1m2 for a total of 7131.1 m2. The school consists of 35 classrooms with gymnasium, Library and general offices. Mechanical rooms are on the second floor. The school faces North to the street. The school is in generally good condition. EIFS system needs repair.

**Structural Summary:**

Concrete slab on grade with strip footings, HSS columns, steel beams and OWSJ floor and roof framing. The structure is in good overall condition.

**Envelope Summary:**

Brick masonry veneer from main floor to second floor with EIFS above. Pre-finished flashings over the masonry. The EIFS utilizes no flashings at window heads or sills. The EIFS system is evidencing movement in the form of cracks. These cracks are generally from corner of window sill to base of Second floor EIFS. Expansion joints are also separating. The overall envelope condition is good.

**Interior Summary:**

Concrete masonry and gypsum board walls, VCT floors, T-Bar and gypsum board ceilings. Interior is very good and recently painted.

**Mechanical Summary:**

The school's heating is generated with two Super Hot boilers. These boilers supply hot water to an Armstrong Ballplate heat exchanger which transfers heat to the glycol system. The glycol system circulates through heating coils in the four air handling units on the rooftop. Hot water is used in ceiling and wall mounted entrance fan coils, and baseboard radiation on most perimeter walls. Cooling is provided by cooling coils in each of the three Trane Air Handling Units. These units also have there own wet media drip humidifier. There is a forth System-Aire unit on the rooftop which supply's the gymnasium with heated air. Control of the schools heating and cooling is through electronic thermostats and a building management system.

Domestic hot water is supplied by two A.O Smith 60 gallon hot water tanks.

Sanitary sewer, storm sewer, domestic water, and natural gas are supplied by underground municipal services.

The school is sprinklered.

The schools mechanical system is in good condition.

**Electrical Summary:**

The system is a 1200A 347/600V 3 phase 4 wire Cutler-Hammer with room for expansion. It is transformed down to 120/208V for local loads. The electrical system is in very good working condition.

**Rating Guide**

<b>Condition Rating</b>	<b>Performance</b>
1 - Critical	Unsafe, high risk of injury or critical system failure.
2 - Poor	Does not meet requirements, has significant deficiencies. May have high operating/maintenance costs.
3 - Marginal	Meets minimum requirements, has significant deficiencies. May have above average operating maintenance costs.
4 - Acceptable	Meets present requirements, minor deficiencies. Average operating/maintenance costs.
5 - Good	Meets all present requirements. No deficiencies.
6 - Excellent	As new/state of the art, meets present and foreseeable requirements.

## S1 STRUCTURAL

### A1010 Standard Foundations\*

Cast in place concrete strip footings and frost walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### A1030 Slab on Grade\*

Cast in place concrete slab on grade for main floor areas.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### B1010.01 Floor Structural Frame (Building Frame)\*

HSS columns and steel beams.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### B1010.02 Structural Interior Walls Supporting Floors (or Roof)\*

Concrete masonry interior walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### B1010.03 Floor Decks, Slabs, and Toppings\*

Concrete slab on metal deck and OWSJ for second floor.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### B1010.09 Floor Construction Fireproofing\*

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### B1010.10 Floor Construction Firestopping\*

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**B1020.01 Roof Structural Frame\***

HSS columns and steel beams supporting OWSJ and metal roof deck.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	0	MAR-09

**B1020.04 Canopies\***

Main Entrance canopy.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	0	MAR-09

## S2 ENVELOPE

### B2010.01.02.01 Brick Masonry: Ext. Wall Skin\*

Brick masonry veneer.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	75	MAR-09

### B2010.01.05 Exterior Insulation and Finish Systems (EIFS)\*

EIFS finish to upper floor exterior walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1998	75	MAR-09

#### Event: Repair EIFS Finish System

**Concern:**

EIFS has several stress cracks allowing entry of moisture.

**Recommendation:**

Repair EIFS finish.

**Consequences of Deferral:**

Potential for moisture penetration into wall system.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Repair	2009	\$30,000	Medium

**Updated:** MAR-09

### B2010.01.08 Cement Plaster (Stucco): Ext. Wall\*

Stucco fascias.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	75	MAR-09

**B2010.01.09 Expansion Control: Exterior Wall Skin\***

Caulked expansion joints in EIFS system.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1998	0	MAR-09

**Event: Replace caulking joints**

**Concern:**

Expansion joints separating from adjoining surfaces.

**Recommendation:**

Replace caulking and sealants.

**Consequences of Deferral:**

Potential for moisture ingress.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2009	\$2,500	Medium

**Updated:** MAR-09

**B2010.01.11 Joint Sealers (caulking): Ext. Wall\*\***

Caulked joints at window openings, door openings.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	MAR-09

**Event: Replace Joint Sealers (caulking)**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2017	\$24,000	Unassigned

**Updated:** MAR-09

**B2010.01.13 Paints (& Stains): Exterior Wall\*\***

Coloured stucco.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	15	MAR-09

**Event: Repair Paints (& Stains): Exterior Wall**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2012	\$25,000	Unassigned

**Updated:** MAR-09

**B2010.02.03 Masonry Units: Ext. Wall Const.\***

Concrete masonry backup wall to exterior masonry veneer.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**B2010.03 Exterior Wall Vapor Retarders, Air Barriers, and Insulation\***

Vapour retarder applied to concrete masonry backup wall.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**B2010.06 Exterior Louvers, Grilles, and Screens\***

Pre-finished metal louvre to mechanical room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**B2010.09 Exterior Soffits\***

Metal pan soffit on suspended T-Bars at main entrance canopy.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**B2020.01.01.06 Vinyl, Fibreglass & Plastic Windows\*\***

Fibreglas framed sealed screened, vented windows.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	40	MAR-09

**Event: Replace 90 Exterior Windows**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$321,500	Unassigned

**Updated:** MAR-09

**B2030.01.02 Steel-Framed Storefronts: Doors\*\***

Painted metal entrance doors in pressed steel frames.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2028	30	MAR-09

**Event: Replace 6 pair Entrance Doors**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$32,400	Unassigned

**Updated:** MAR-09

**B2030.02 Exterior Utility Doors\*\***

Hollow metal doors c/w panic hardware, weatherstrip and closers.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	MAR-09

**Event: Replace 13 Exterior Utility Doors**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$35,100	Unassigned

**Updated:** MAR-09

**B3010.01 Deck Vapor Retarder and Insulation\***

Vapour retarder and insulation over metal deck.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**B3010.04.04 Modified Bituminous Membrane Roofing (SBS)\*\***

SBS roofing.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	25	MAR-09

**Event: Replace 4550m2 SBS Roofing**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$880,000	Unassigned

**Updated:** MAR-09

**B3010.08.02 Metal Gutters and Downspouts\*\***

Internal drainage systems.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	MAR-09

**B3020.02 Other Roofing Openings (Hatch,Vent, etc)\***

Roof plumbing vents.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09



### S3 INTERIOR

#### C1010.01 Interior Fixed Partitions\* - Masonry

Concrete masonry interior partition walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

#### C1010.01 Interior Fixed Partitions\* - Metal Stud

Metal stud walls for some corridor and open area partitions, Service rooms, General office.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

#### C1010.03 Interior Operable Folding Panel Partitions\*\* - Classrooms

Classroom divider partition rooms 12,13 and 21,22.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	MAR-09

#### Event: Replace 4 Interior Operable Folding Panel Partitions

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$34,400	Unassigned

**Updated:** MAR-09

#### C1010.03 Interior Operable Folding Panel Partitions\*\* - Gym

Roll down gym divider curtain.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	MAR-09

#### Event: Replace 1 Gym Divider Curtain

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$48,000	Unassigned

**Updated:** MAR-09

#### C1010.04 Interior Balustrades and Screens, Interior Railings \*

Open area stair balustrade of painted metal and stained plywood panels.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C1010.05 Interior Windows\***

Safety glass in pressed steel frames.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C1010.06 Interior Glazed Partitions and Storefronts\***

Entrance framing to Home Economics classroom.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C1010.07 Interior Partition Firestopping\***

Mortar or fire retardant wool between wall and floor deck.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C1020.01 Interior Swinging Doors (& Hardware)\***

Stained wood doors with kick plates, lever hardware.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	40	MAR-09

**C1020.03 Interior Fire Doors\***

Painted hollow metal with closers, kick plates.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C1020.05 Interior Large Doors\***

Rolling grille at second floor of interconnecting stair. Rolling grille to Kitchen servery counter.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**C1030.01 Visual Display Boards\*\***

Whiteboards, tackboards.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	MAR-09

**Event: Replace 139 Visual Display Boards**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$104,900	Unassigned

**Updated:** MAR-09

**C1030.06 Handrails\***

Painted metal handrails at exit stairs, open area stair and service stairs.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C1030.08 Interior Identifying Devices\***

Wall mounted and door mounted plastic room labels.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C1030.10 Lockers\*\***

Pre-Finished metal lockers in corridors, change rooms and Auxiliary gym..

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	MAR-09

**Event: Replace 660 Lockers**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$727,000	Unassigned

**Updated:** MAR-09

**C1030.12 Storage Shelving\***

Stained wood shelving in service rooms and classrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C1030.14 Toilet, Bath, and Laundry Accessories\***

Soap, towel and paper dispensers, waste receptacles, mirrors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**C2010 Stair Construction\***

Painted steel stairs with concrete filled pan treads.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**C2020.01 Tile Stair Finishes\***

Porcelain tile stair treads.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	60	MAR-09

**C2020.08 Stair Railings and Balustrades\***

Painted metal stair railing and balustrade to feature stair in open area.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**C3010.02 Wall Painting\*\***

Stained wood wainscot to corridors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	MAR-09

**Event: Replace Wall Paneling**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$184,000	Unassigned

**Updated:** MAR-09

**C3010.04 Gypsum Board Wall Finishes (Unpainted)\***

Gypsum board interior walls finishes.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	60	MAR-09

**C3010.06 Tile Wall Finishes\*\***

Ceramic tile wall finishes in Boys washrooms at urinals. Ceramic tile backslash at washroom vanities.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	40	MAR-09

**Event: Replace 386m2 Tile Wall Finishes**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2038	\$112,000	Unassigned

**Updated:** MAR-09

**C3010.09 Acoustical Wall Treatment\*\***

Fabric covered panels in Library and workshop and drama classroom.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	20	MAR-09

**Event: Replace 730m2 Acoustical Wall Treatment**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2018	\$159,900	Unassigned

**Updated:** MAR-09

**C3010.11 Interior Wall Painting\***

Painted concrete masonry and gypsum board.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	2007	10	MAR-09

**C3020.01.01 Epoxy Concrete Floor Finishes\***

Second floor Mechanical room floor.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	0	MAR-09

**C3020.01.02 Paint Concrete Floor Finishes\***

Sealed concrete electrical room floor.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	10	MAR-09

**C3020.02 Tile Floor Finishes\*\***

Porcelain floor tiles to Main floor lobby, main and upper floor washrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	50	MAR-09

**Event: Replace 189m2 Tile Floor Finishes**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2048	\$36,000	Unassigned

**Updated:** MAR-09

**C3020.04 Wood Flooring\*\***

Gym wood strip vented flooring.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2007	30	MAR-09

**Event: Replace 720m2 Gym Flooring**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$201,000	Unassigned

**Updated:** MAR-09

**C3020.07 Resilient Flooring\*\***

VCT flooring in corridors, service rooms and classrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	20	MAR-09

**Event: Replace 344m2 Resilient Flooring**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$210,000	Unassigned

**Updated:** MAR-09

**C3020.08 Carpet Flooring\*\***

Carpet in General office and Library.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	15	MAR-09

**Event: Replace 285m2 Carpet Flooring**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2013	\$18,000	Unassigned

**Updated:** MAR-09

**C3030.04 Gypsum Board Ceiling Finishes (Unpainted)\***

Gypsum board ceilings in service rooms, Storage rooms, washrooms, Locker rooms.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	60	MAR-09

**C3030.06 Acoustic Ceiling Treatment (Susp.T-Bar) \*\***

Suspended acoustic tiles in corridors, classrooms, general office and open area.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	25	MAR-09

**Event: Replace 4888m2 Acoustic Ceiling Treatment (Susp.T-Bar)**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2023	\$220,000	Unassigned

**Updated:** MAR-09

**C3030.07 Interior Ceiling Painting\***

Painted gypsum ceilings in change rooms, washrooms, service rooms.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	2007	20	MAR-09

**D1010.01.02 Hydraulic Passenger Elevators\*\***

Barrier free lift at corridor.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	30	MAR-09

**Event: Replace Hydraulic Passenger Elevators**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2028	\$124,800	Unassigned

**Updated:** MAR-09

## S4 MECHANICAL

### D2010.04 Sinks \*\*

There are various single and double stainless steel sinks throughout the school. The kitchen has one single and one double stainless steel sink. The two science rooms have five single stainless steel sinks each. The library office and the IA class room each have a single stainless steel sink. The home econ room has double stainless steel sinks. The janitors room has a plastic floor mounted mop sink with Teck mop faucet.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	MAR-09

#### **Event: Replace Sixteen Sinks**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$26,200	Unassigned

**Updated:** MAR-09

### D2010.05 Showers \*\*

The staff change room has a shower.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	MAR-09

#### **Event: Replace The Shower**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$1,430	Unassigned

**Updated:** MAR-09

### D2010.08 Drinking Fountains / Coolers \*\*

The Schools main entrance has a wall mounted porcelain Eljer drinking fountain. There are various Haws stainless steel drinking fountains throughout the remainder of the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	35	MAR-09

#### **Event: Replace Approximately Five Drinking Fountains / Coolers**

**Concern:**

The schools main entrance has wall mounted porcelain Eljer drinking fountains. There are various Haws stainless steel drinking fountains throughout the remainder of the school.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$6,500	Unassigned

**Updated:** MAR-09



**D2010.09 Other Plumbing Fixtures \***

There are dishwashers in the kitchen and staff room as well as eye wash stations in the science rooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**D2010.10 Washroom Fixtures (WC, Lav, Urnl) \*\***

The school's student washrooms are open style with single personal stalls. The water closets and urinals throughout the school are manufactured by Eljer. The public washrooms have counter top porcelain basins while the single washrooms such as the two barrier free washrooms (one on each floor), the infirmary washroom and the staff washrooms have porcelain wall mounted basins.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	MAR-09

**Event: Replace Approximately Thirty Washroom Fixtures (WC, Lav, Urnl)**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$45,800	Unassigned

**Updated:** MAR-09

**D2020.01.01 Pipes and Tubes: Domestic Water \***

There is a 6" underground ductile iron pipe supplying the school with domestic water. There is a 4" line serving the sprinkler system.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**D2020.01.02 Valves: Domestic Water \*\***

There are a variety of valves serving the domestic water system throughout the school, they are in good and serviceable condition. The exterior hose bibs are cabinet recessed, key operated and frost free.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	MAR-09

**Event: Replace Valves: Domestic Water**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$45,400	Unassigned

**Updated:** MAR-09

**D2020.01.03 Piping Specialties (Backflow Preventors) \*\***

The water systems used in the school are all equipped with code adhering backflow preventors in acceptable condition.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	MAR-09

**Event: Replace Approximately Four Piping Specialties (Backflow Preventors)**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$8,100	Unassigned

**Updated:** MAR-09

**D2020.02.02 Plumbing Pumps: Domestic Water \*\***

A circulation pump circulates the hot water from the water heaters to the various groups of fixtures throughout the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	MAR-09

**Event: Replace The Plumbing Pump: Domestic Water**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$1,200	Unassigned

**Updated:** MAR-09

**D2020.02.06 Domestic Water Heaters \*\***

The mechanical room houses two A.O. Smith 60 gallons water heaters rated at 72,000 BTU each. Original.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	MAR-09

**Event: Replace Two Domestic Water Heaters**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$8,000	Unassigned

**Updated:** MAR-09

**D2020.03 Water Supply Insulation: Domestic \***

The insulation on the domestic water lines is fiberglass with canvas covering in exposed areas and is in excellent condition.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**D2030.01 Waste and Vent Piping \***

The waste and vent piping in the school is cast iron and copper above ground with cast iron and plastic below ground.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**D2040.01 Rain Water Drainage Piping Systems \***

The roof drains flow into the storm drainage system along with the parking lot catch basin.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**D2040.02.04 Roof Drains \***

The roof drains are cast iron with steel screens. There are no flow restricters in the drain openings.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	MAR-09

**D3010.02 Gas Supply Systems \***

The school is serviced with an underground high pressure natural gas line to the meter and into the school through a low pressure gas line.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	60	MAR-09

**D3020.02.01 Heating Boilers and Accessories: H.W. \*\***

The mechanical rooms houses two Super Hot gas boilers rated at 2,016,000 BTU. The boiler system has two expansions tanks, one for glycol and one hot water. The hot water circulation system has two Armstrong pumps and the glycol circulation system has two Armstrong pumps.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	35	MAR-09

**Event: Replace Two Heating Boilers and Accessories: H.W.**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$203,000	Unassigned

**Updated:** MAR-09

**D3020.02.02 Chimneys (&Comb. Air): H.W. Boiler \*\***

The boilers have galvanized draft hoods with metalbestos chimneys. Combustion air is located in the mechanical room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	MAR-09

**Event: Replace Two Chimneys (&Comb. Air): H.W. Boiler**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$43,000	Unassigned

**Updated:** MAR-09

**D3020.02.03 Water Treatment: H. W. Boiler \***

A chemical treatment program exists for both the hot water and glycol heating systems. The boiler feeds are equipped with a chemical pot feeder, side stream filter and sight glass.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D3040.01.01 Air Handling Units: Air Distribution \*\***

The rooftop holds three Trane air handling units and one System-Aire unit. The Trane units are equipped with for heating and cooling and also contain a humidifier. The System-Aire unit supply's the gym with heated make up air only. The units serving the the east and the west are rated at 22,000 CFM and the System-Aire is rated at 12,500 CFM.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	MAR-09

**Event: Replace Three Air Handling Units: Air Distribution**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$635,800	Unassigned

**Updated:** MAR-09

**D3040.01.03 Air Cleaning Devices:Air Distribution \*\***

The industrial arts room contains its own large exterior Plymovent dust collector ducted to the majority of the machines in the shop.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**Event: Replace The Air Cleaning Device:Air Distribution**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$25,000	Unassigned

**Updated:** MAR-09

**D3040.01.04 Ducts: Air Distribution \***

There is galvanized ductwork for air circulation within then school. Some of this ductwork is insulated. The gymnasium ductwork is spiral circulated with rectangular diffusers..

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	0	MAR-09

**D3040.01.07 Air Outlets & Inlets:Air Distribution \***

The classrooms have EH Price square ceiling diffusers. The gymnasium air is supplied through large rectangular diffusers. The air is returned through rectangular grilles on the ceiling in the classrooms and on the walls in the hallways and gymnasium.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	0	MAR-09

**D3040.03.01 Hot Water Distribution Systems \*\***

The hot water and heating piping from the boilers consists of welded or screwed Schedule 40 steel pipe. The domestic hot water is circulated through copper pipe to various fixtures or fixture groups within the school.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	40	MAR-09

**Event: Replace Hot Water Distribution Systems**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2038	\$674,400	Unassigned

**Updated:** MAR-09

**D3040.04.01 Fans: Exhaust \*\***

There are various bell and box type exhaust fans on the rooftop. The home economics room stoves collectively have there own exhaust fan. The wood working shop has its own exhaust fan. The science room has exhausted chemical storage cabinets. The cafeteria stove has its own residential style exhaust hood.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	30	MAR-09

**Event: Replace Approximately Eleven Fans: Exhaust**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2028	\$18,100	Unassigned

**Updated:** MAR-09

**D3040.04.03 Ducts: Exhaust \***

Exhaust ducts are galvanized sheet metal.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	0	MAR-09

**D3040.04.05 Air Outlets and Inlets: Exhaust \***

The majority of the exhaust inlets are egg crate style grilles. Some inlets are adjustable stainless steel style grilles. Most exhaust air grilles are located on the ceiling, however some are located on the walls in the hallways. The size of the exhaust inlets depend on the room size.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	0	MAR-09

**D3040.05 Heat Exchangers \*\***

The mechanical room houses an Armstrong plate style heat exchanger. This exchanges heat between the hot water and glycol system.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	30	MAR-09

**Event: Replace The Heat Exchanger**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2028	\$22,600	Unassigned

**Updated:** MAR-09

**D3050.03 Humidifiers \*\***

The three Trane air handling units on the roof top have wet media humidifiers.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	25	MAR-09

**Event: Replace Three Humidifiers**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2023	\$23,862	Unassigned

**Updated:** MAR-09

**D3050.05.02 Fan Coil Units \*\***

The school's main and side entrances are all heated with fan coil units supplied with hot water from the boiler.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	30	MAR-09

**Event: Replace Approximately Four Fan Coil Units**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2028	\$3,900	Unassigned

**Updated:** MAR-09

**D3050.05.03 Finned Tube Radiation \*\***

There is 1' finned tube radiation around the exterior walls of the school. The gymnasium has 1' wall radiation on the upper exterior wall. The science rooms has millwork covering its radiation.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	40	MAR-09

**Event: Replace Finned Tube Radiation**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2038	\$228,700	Unassigned

**Updated:** MAR-09

**D3050.05.06 Unit Heaters\*\***

There is one unit heater in the mechanical room.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
4 - Acceptable	1998	30	MAR-09

**Event: Replace The Unit Heater**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2028	\$1,200	Unassigned

**Updated:** MAR-09

**D3060.02.01 Electric and Electronic Controls\*\***

The building has electronic thermostats in many of the main rooms.

<b><u>Rating</u></b>	<b><u>Installed</u></b>	<b><u>Design Life</u></b>	<b><u>Updated</u></b>
5 - Good	1998	30	MAR-09

**Event: Replace Electric and Electronic Controls**

<b><u>Type</u></b>	<b><u>Year</u></b>	<b><u>Cost</u></b>	<b><u>Priority</u></b>
Lifecycle Replacement	2028	\$55,400	Unassigned

**Updated:** MAR-09

**D3060.02.05 Building Systems Controls (BMCS, EMCS)\*\***

There is a building management hub in the facilitators office.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	20	MAR-09

**Event: Replace Building Systems Controls (BMCS, EMCS)**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$105,000	Unassigned

**Updated:** MAR-09

**D4010 Sprinklers: Fire Protection \***

There are sprinklers throughout the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	60	MAR-09

**D4030.01 Fire Extinguisher, Cabinets and Accessories \***

There are various ABC fire extinguishers throughout the school (recessed in hallways).

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	MAR-09



## S5 ELECTRICAL

### D5010.03 Main Electrical Switchboards (Main Distribution) \*\*

The system consists of a 1200A 347/600V main entrance into a 347/600V CDP. It is then transformed via a 450KVA transformer to feed a 1600A 120/208V CDP.

<b>Rating</b>	<b>Installed</b>	<b>Design Life</b>	<b>Updated</b>
6 - Excellent	1998	40	MAR-09
	<b>Capacity Size</b>	<b>Capacity Unit</b>	
	1200	amps	

**Event:** Replace Main Electrical Switchboards (Main Distribution)

<b>Type</b>	<b>Year</b>	<b>Cost</b>	<b>Priority</b>
Lifecycle Replacement	2038	\$245,000	Unassigned

**Updated:** MAR-09

### D5010.05 Electrical Branch Circuit Panelboards (Secondary Distribution) \*\*

There are several 120/208V panels of various sizes located throughout the school serving local loads.

<b>Rating</b>	<b>Installed</b>	<b>Design Life</b>	<b>Updated</b>
6 - Excellent	1998	30	MAR-09

**Event:** Replace all Electrical Branch Circuit Panelboards (Secondary Distribution)

<b>Type</b>	<b>Year</b>	<b>Cost</b>	<b>Priority</b>
Lifecycle Replacement	2028	\$74,000	Unassigned

**Updated:** MAR-09

### D5010.07.02 Motor Starters and Accessories \*\*

There are several cutler hammer motor starters located in the mechanical room in a grouped '4-plex' configuration. One has empty spaces for expansion.

<b>Rating</b>	<b>Installed</b>	<b>Design Life</b>	<b>Updated</b>
5 - Good	1998	30	MAR-09

**Event:** Replace all Motor Starters and Accessories

<b>Type</b>	<b>Year</b>	<b>Cost</b>	<b>Priority</b>
Lifecycle Replacement	2028	\$14,500	Unassigned

**Updated:** MAR-09

### D5020.01 Electrical Branch Wiring \*

The wiring is original to the building.

<b>Rating</b>	<b>Installed</b>	<b>Design Life</b>	<b>Updated</b>
5 - Good	1998	0	MAR-09

**D5020.02.01 Lighting Accessories (Lighting Controls) \***

Line voltage switching throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D5020.02.02.01 Interior Incandescent Fixtures \***

Incandescent spot lights in the drama room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	MAR-09

**D5020.02.02.02 Interior Fluorescent Fixtures \*\***

T-8 fluorescent fixtures throughout the school. Fluorescent potlights.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	MAR-09

**Event: Replace Interior Florescent Fixtures**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$442,000	Unassigned

**Updated:** MAR-09

**D5020.02.02.03 Interior Metal Halide Fixture \***

There are 2'x2' fixtures in the ceiling with metal halide bulbs in the 2 story open area. There are metal halide drop lights in the gym.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D5020.02.03.02 Emergency Lighting Battery Packs \*\***

There are individual Lumacell battery packs with remote mounted heads throughout the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	20	MAR-09

**Event: Replace all Emergency Lighting Battery Packs**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$62,000	Unassigned

**Updated:** MAR-09

**D5020.02.03.03 Exit Signs \***

Incandescent exit signs throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D5020.03.01.02 Exterior Florescent Fixtures \***

Fluorescent fixtures in the front entrance canopy.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D5020.03.01.03 Exterior Metal Halide Fixtures \***

There is a mixture of metal halide fixtures located on the exterior of the building.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D5020.03.01.04 Exterior H.P. Sodium Fixtures \***

There is a mixture of HPS fixtures located on the exterior of the building.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D5020.03.02 Lighting Accessories: Exterior (Lighting Controls) \***

The exterior lighting is controlled by photocells and a time clock.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D5030.01 Detection and Fire Alarm \*\***

Original Edwards system. Bells and strobes located throughout the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	25	MAR-09

**Event: Replace Detection and Fire Alarm system**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$137,000	Unassigned

**Updated:** MAR-09

**D5030.02.02 Intrusion Detection \*\***

Silent Knight system. Monitored with motion sensors throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	25	MAR-09

**Event: Replace Intrusion Detection system**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$80,000	Unassigned

**Updated:** MAR-09

**D5030.03 Clock and Program Systems\***

Original Simplex clock.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	25	MAR-09

**D5030.04.01 Telephone Systems \***

Nortel Meridian system. Nortel phones throughout. Paging done through phone system.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	25	MAR-09

**D5030.04.05 Local Area Network Systems \***

Supernet with fiber optics entrance. Wireless internet throughout. There are two data closets, one upstairs and one downstairs. Cat 5 and Cat5e cabling.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

**D5030.05 Public Address and Music Systems \*\***

Original TOA P/A system. Paging done through phone system. Yamaha cd player.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	20	MAR-09

**Event: Replace Public Address and Music Systems**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$33,000	Unassigned

**Updated:** MAR-09

**D5030.06 Television Systems** \*

CCTV system with TV's located in the school hallways.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

## S6 EQUIPMENT, FURNISHINGS AND SPECIAL CONSTRUCTION

### E1020.02 Library Equipment\*

Electronic Library gate.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

### E1020.03 Theater and Stage Equipment\*

Theatre lighting in Drama classroom, Sound system in gym.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### E1090.03 Food Service Equipment\*

Cooler in kitchen.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### E1090.04 Residential Equipment\*

Frig, range, dishwasher, microwave in staff room. Ranges in Home Economics classroom.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

### E1090.07 Athletic, Recreational, and Therapeutic Equipment\*

Basketball backstops, scoreboard, Pull down screen.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

### E2010.02 Fixed Casework\*\*

Stained wood base and upper cabinets, stained wood wardrobe cabinets.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	35	MAR-09

#### Event: Replace 400m Fixed Casework

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$325,000	Unassigned

**Updated:** MAR-09

**E2010.03.01 Blinds\*\***

Horizontal louvre blinds to classrooms and offices.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	MAR-09

**Event: Replace Blinds**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$50,700	Unassigned

**Updated:** MAR-09

**F1010.02.05 Grandstands and Bleachers\*\***

Folding bleachers in gym.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	40	MAR-09

**Event: Replace Grandstands and Bleachers**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$196,000	Unassigned

**Updated:** MAR-09

**F2020.01 Asbestos\***

No asbestos known or reported.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**F2020.04 Mould\***

No mould known or reported.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

**F2020.09 Other Hazardous Materials\***

No other hazardous materials known or reported.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-09

## S8 FUNCTIONAL ASSESSMENT

### K3020 Indoor Environment

Bright and clean.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

### K4010.01 Barrier Free Route: Parking to Entrance\*

Drop down curb from parking to entrance sidewalk.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

### K4010.02 Barrier Free Entrances\*

Automatic entrance.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

### K4010.03 Barrier Free Interior Circulation\*

Corridors and classrooms accessible on both floors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09

### K4010.04 Barrier Free Washrooms\*

Barrier free washrooms in Boy's and Girl's washrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-09