

RECAPP Facility Evaluation Report

Rocky View Sch Div #41



Bears paw Elementary Middle School

B4730A
Bears paw

Facility Details	
Building Name:	Bearspaw Elementary Middle
Address:	
Location:	Bearspaw
Building Id:	B4730A
Gross Area (sq. m):	6,363.00
Replacement Cost:	\$15,254,782
Construction Year:	2002

Evaluation Details	
Evaluation Company:	Quinn Young Architects Ltd.
Evaluation Date:	January 15 2009
Evaluator Name:	Erik Heck

Total Maintenance Events Next 5 years:	\$13,000
5 year Facility Condition Index (FCI):	0.09%

General Summary:

Bearspaw School is located in the unincorporated community of Bearspaw, Alberta. The student capacity is 625. The 6363 m2 single storey school was constructed in 2002.

Site contains asphalt staff and visitor parking, as well as a bus loop. Playing fields and playground are located SE of the school.

Overall facility condition is good.

Structural Summary:

The 2002 school has a below-grade concrete foundation, wood frame and load-bearing block construction.

Structure appears to be in good condition, with some localized settling noted.

Envelope Summary:

The exterior walls are clad with smooth and split-face concrete block and vertical metal siding. Standing seam metal roofing is present over all areas except the gymnasium, viewing area, and second floor mechanical room, which are a low-slope SBS system. Prefinished metal flashings and soffits are present throughout.

All windows are aluminum c/w sealed unit glazing, prefinished metal flashings, and aluminum and concrete block sills on the main floor. Exterior doors are hollow metal in pressed steel frames.

The building envelope is in good condition.

Interior Summary:

The interior walls are painted block and gypsum board with some smooth-face and colored split-face concrete block in the Commons. Acoustic concrete block in computer labs, music and gymn. Ceramic tiles are installed behind urinals and water fountains, and in showers.

Exposed painted wood structure is typical for classroom ceilings. Unpainted structural glulams, pine and OSB decking are found in the Commons. Unpainted pine trusses and OSB decking are found in the wing gathering spaces. Gypsum board ceilings in vestibules, washrooms, storage,

Patterned, stained concrete floors are typical in the corridors and Commons. Painted concrete, in storage, CTS, custodial, mechanical. Rubber tread and nosing on stairs to gym viewing area. VCT in food service, most classrooms, staff washrooms, workroom, kitchen, infirmary, storage. Carpet is found in computer labs, music, admin, some classrooms. Floating maple wood floor in gym. Quarry tiles in gym changerooms and shower.

The interior finishes are in good condition.

Mechanical Summary:

The school mechanical system consists of 2 Well McLeain boilers rated at 2,317,000 Btu's each. These supply heating for the heat pumps, entrance fan coils and a small amount of baseboard radiation. A dry cooler supplies cooling for the school through the heat pumps. Domestic hot water for the school is from two Universal, 72Gal. HWT. There is municipal under ground gas. Water, sanitary sewer, and storm sewer are provided through a private system. The school is fully sprinkled for fire protection.

The mechanical systems are 7 years old and in good serviceable condition.

Electrical Summary:

The electric systems are in general wired independently in wings of the facility with interconnections between wings.

There is an emergency generator for the emergency lighting and the fire pump.

Energy efficient lighting is in place.

The overall condition of the electrical systems is Good.

Rating Guide

Condition Rating	Performance
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*

Concrete foundation and partial basement containing 3 water reservoirs and mechanical and electrical services.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

A1030 Slab on Grade*

Concrete slab on grade.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	2002	0	MAR-09

Event: Repair Slab on Grade

Concern:

Repair slab settling condition based on results of 2009 study.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Repair	2010	\$5,000	Unassigned

Updated: MAR-09

Event: Study Slab on Grade

Concern:

Concrete slab settling at east wall of 1021 Construction Technology. Rainwater is also infiltrating under wall near this location during storm events, flooding adjacent storage room 1021C.

Recommendation:

Review by structural engineer.

Consequences of Deferral:

Possible continued slab movement and eventual cracking / deterioration.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Study	2009	\$2,000	Low

Updated: MAR-09

A2020 Basement Walls (& Crawl Space)*

Concrete basement walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

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

Concrete walls in basement area. Load-bearing concrete block supporting mezzanine and gym roof.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

B1010.05 Mezzanine Construction*

Gym viewing area and mechanical room mezzanine. Concrete topping on metal deck on structural steel on load-bearing concrete block.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

B1020.01 Roof Structural Frame*

Engineered wood trusses and OSB decking. Glulam joists, beams and columns and wood decking. Metal deck and OWSJ in gym.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

B1020.04 Canopies*

Glulam trusses & wood purlins. Standing seam metal roofing.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

S2 ENVELOPE

B2010.01.02.02 Concrete Block: Ext. Wall Skin*

Coloured smooth-face and split-face concrete block. Coloured, chamfered, smooth-face concrete block sill below main floor windows.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	75	MAR-09

B2010.01.06.03 Metal Siding**

Vertical metal siding above concrete block.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	40	MAR-09

Event: Replace Metal Siding (Approx 1250m2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$180,000	Unassigned

Updated: MAR-09

B2010.01.09 Expansion Control: Exterior Wall Skin*

Caulked control joints at concrete block.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

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

Caulked masonry control joints, window & door frames.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	20	MAR-09

Event: Replace Joint Sealers

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$55,000	Unassigned

Updated: MAR-09

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

Stain on glulam trusses and purlins over main entrance canopy. Painted West, South and East-facing hollow metal doors and pressed steel frames have faded.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	15	MAR-09

Event: Replace stain at entrance

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2011	\$3,000	Unassigned

Updated: MAR-09

B2010.02.01 Cast-in-place Concrete:Ext.Wall Const*

Basement generator vent pit wall.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

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

Load-bearing concrete block at gym & mezzanine.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

B2010.02.05 Wood Framing : Ext. Wall Const.*

38 x 140 wood studs @ 400 o.c.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

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

85mm Spray foam insulation & air/vapour barrier.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

B2010.09 Exterior Soffits*

Prefinished vented metal soffits throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

B2020.01.01.02 Aluminum Windows (Glass & Frame)**

Aluminum frames, sealed unit glazing, aluminum & concrete block sill. Upper awning vents throughout main floor.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	40	MAR-09

Event: Replace Aluminum Windows (63)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$200,000	Unassigned

Updated: MAR-09

B2030.01.02 Steel-Framed Storefronts: Doors**

Hollow metal doors in pressed steel frames throughout. Top and bottom sealed unit vision panels at main entrance c/w transom and side lites. Half panel sealed unit vision glazing at secondary exits.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	2002	30	MAR-09

Event: Repaint Steel Doors & Frames (10 doors)

Concern:

Painted West, South, and East-facing hollow metal doors and pressed steel frames have faded.

Recommendation:

Repaint doors and frames.

Consequences of Deferral:

Poor appearance and possibility of corrosion.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Preventative Maintenance	2012	\$5,000	Low

Updated: MAR-09

Event: Replace Exterior Steel Entrance Doors (12)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$26,000	Unassigned

Updated: MAR-09

B2030.02 Exterior Utility Doors**

Hollow metal doors in pressed steel frames throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	40	MAR-09

Event: Replace Exterior Utility Doors (6 Doors)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$10,000	Unassigned

Updated: MAR-09

B3010.01 Deck Vapor Retarder and Insulation*

Air/vapour barrier membrane on gypsum board (gym & mezzanine), on plywood (typical). 100mm rigid insulation.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

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

2-ply SBS roofing on fibreboard at gym.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	25	MAR-09

Event: Replace SBS Membrane Roofing (Approx 910 m2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2027	\$18,000	Unassigned

Updated: MAR-09

B3010.07 Sheet Metal Roofing**

Standing seam metal roofing throughout sloped roof areas.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	40	MAR-09

Event: Replace Sheet Metal Roofing (Approx 5500 m2)**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$780,000	Unassigned

Updated: MAR-09

B3010.08.02 Metal Gutters and Downspouts**

Metal eavestroughing and downspouts.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	30	MAR-09

Event: Replace Metal Gutters and Downspouts

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$18,000	Unassigned

Updated: MAR-09

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

Roof access hatch, ridge vents, rooftop mechanical cooling unit.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

S3 INTERIOR

C1010.01 Interior Fixed Partitions*

Walls of basement reservoirs are cast-in-place concrete.

Concrete block partitions at washrooms, change rooms, firewalls and gymnasium. Acoustic concrete block in computer and music rooms, gymnasium.

Steel stud & gypsum board partitions between rooms. Wood stud and gypsum board partitions at corridors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C1010.04 Interior Balustrades and Screens, Interior Railings*

Painted steel tube handrails and guardrails c/w glass inserts.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C1010.05 Interior Windows*

Single glazing in pressed steel frames.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C1010.07 Interior Partition Firestopping*

Firestopping at top of firewalls and at wall penetrations.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C1020.01 Interior Swinging Doors (& Hardware)*

Hollow metal and solid core wood doors set in pressed metal frames throughout. Lever design locksets.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	40	MAR-09

C1020.03 Interior Fire Doors*

Rated hollow metal doors set in pressed steel frames.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C1020.05.01 Coiling Doors and Grilles

Coiling security shutter.

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

C1030.01 Visual Display Boards**

Various white, tack and chalk boards throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	20	MAR-09

Event: Replace Visual Display Boards (Approx 25 m2/classroom)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$125,000	Unassigned

Updated: MAR-09

C1030.02 Fabricated Compartments(Toilets/Showers)**

Floor-mounted metal partitions throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	30	MAR-09

Event: Replace Fabricated Compartments (Toilets/Showers) (Approx 26)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$18,000	Unassigned

Updated: MAR-09

C1030.08 Interior Identifying Devices*

Metal-framed, plastic cover insert room identification plates. Brushed stainless steel washrooms signs. Carved wooden signs in Commons.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C1030.10 Lockers**

Single tier metal lockers.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	30	MAR-09

Event: Replace Lockers (Approx. 200)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$45,000	Unassigned

Updated: MAR-09

C1030.12 Storage Shelving*

Clear finish birch plywood storage shelving throughout. Folding boot racks at 3 building wing exterior exits.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C1030.14 Toilet, Bath, and Laundry Accessories*

Paper towel, soap and toilet paper dispensers. Stainless steel framed mirrors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C2010 Stair Construction*

Metal stair construction.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C2020.05 Resilient Stair Finishes**

Rubber tread and nosing to staircases.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	20	MAR-09

Event: Replace Resilient Stair Finishes (Approx 36)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$3,600	Unassigned

Updated: MAR-09

C2020.08 Stair Railings and Balustrades*

Painted steel tube handrails.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

C3010.06 Tile Wall Finishes**

Ceramic wall tiles behind drinking fountains, urinals, janitor sinks and in showers.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	40	MAR-09

Event: Replace Tile Wall Finishes (Approx. 75 m2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$10,300	Unassigned

Updated: MAR-09

C3010.09 Acoustical Wall Treatment**

No acoustic panels present in music room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	2009	20	MAR-09

Event: Add Acoustical Wall Treatment (Approx 60 m2)

Concern:

Acoustic control within music room is insufficient. Music room space is very noisy and difficult to teach in. Sound from music room is clearly audible in adjacent computer lab.

Recommendation:

Provide acoustic panels in music room. Seal entire perimeter (walls and ceiling) of shared walls between music and computer rooms.

Consequences of Deferral:

Continued poor acoustic control.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Program Functional Upgrade	2009	\$4,000	High

Updated: MAR-09

C3010.11 Interior Wall Painting*

Painted gypsum board and concrete block throughout. Painted concrete walls in basement.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	10	MAR-09

C3010.14 Other Wall Finishes*

Unpainted acoustic concrete block in computer and music rooms, gym. Unpainted smooth-face and coloured split-face column cladding in Commons.

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

C3020.01 Concrete Floor Finishes

Stained concrete flooring in vestibules, corridors, student washrooms and Commons.

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

C3020.01.02 Paint Concrete Floor Finishes*

Painted concrete floors in storage rooms, CTS, mechanical rooms. Many locations are showing wear.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	10	MAR-09

C3020.02 Tile Floor Finishes**

Quarry tile floors in gym washrooms. Ceramic tile floors in showers.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	50	MAR-09

Event: Replace Tile Floor Finishes (Approx. 85 m2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2052	\$15,000	Unassigned

Updated: MAR-09

C3020.04 Wood Flooring**

Floating maple gym floor.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	30	MAR-09

Event: Replace Wood Flooring (Approx 600 m2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$78,000	Unassigned

Updated: MAR-09

C3020.07 Resilient Flooring**

VCT in many classrooms, storage, mezzanine.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	20	MAR-09

Event: Replace Resilient Flooring (Approx. 2225 m2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$64,000	Unassigned

Updated: MAR-09

C3020.08 Carpet Flooring**

Carpet in some classrooms (incl. computer, music rooms), library and administration.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	15	MAR-09

Event: Replace Carpet Flooring (Approx. 960 m2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2017	\$56,500	Unassigned

Updated: MAR-09

C3030.02 Ceiling Paneling (Wood)*

Exposed, unpainted wood decking in Commons. Exposed, unpainted OSB decking in Commons and wing gathering spaces.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	60	MAR-09

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

Suspended acoustic tile ceilings in corridors, offices, administration.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	25	MAR-09

Event: Replace Acoustic Ceiling Treatment (Susp.T-Bar) (Approx. 1320 m2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2027	\$41,000	Unassigned

Updated: MAR-09

C3030.07 Interior Ceiling Painting*

Painted gypsum board bulkheads and ceilings in vestibules, storage rooms, washrooms. Painted wood trusses and OSB decking in classrooms throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	20	MAR-09

S4 MECHANICAL

D2010.04 Sinks **

There are a variety of sinks in the school, including 4 mop sinks that are porcelain on cast, 9 class room stainless steel sinks, 1 in the drama room, and art room, 4 doubles in the food services, 4 in the resource room, 1 triple in the cafeteria, and 20 science room lab sinks. The shop also has a stainless steel sink.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace Forty Three Sinks

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$34,400	Unassigned

Updated: MAR-09

D2010.05 Showers **

The girls and boys Gym shower rooms have 3 shower stalls each. There one separate teachers shower.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace Seven Showers

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$14,300	Unassigned

Updated: MAR-09

D2010.08 Drinking Fountains / Coolers **

There are Four Oasis drinking fountains in the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	35	MAR-09

Event: Replace Four Drinking Fountains / Coolers

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2037	\$16,700	Unassigned

Updated: MAR-09

D2010.09 Other Plumbing Fixtures *

There is a washing machine in the food services room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

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

There is a men's and a woman's staff washroom, the toilets have flush valves, counter type basins, and a photo cell urinal in the men's. There are 2 main washrooms for the pupils, the urinals are wall mounted with photo cell flush valves. The toilets have flush valves. There are molded counter basins in each wash room. There is also two pre-school washrooms with mini toilets.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

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

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$36,900	Unassigned

Updated: MAR-09

D2020.01.01 Pipes and Tubes: Domestic Water *

There is two pressure tanks with pumps drawing from an under ground storage tank for the domestic water. The irrigation and fire protection system also each have under ground storage tanks. These tanks are about 8000 gallons each.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D2020.01.02 Valves: Domestic Water **

There are valves of all shapes, sizes, and manufactures used in the schools water system.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	40	MAR-09

Event: Replace Valves: Domestic Water

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$42,200	Unassigned

Updated: MAR-09

D2020.02.02 Plumbing Pumps: Domestic Water **

There is a circulation pump for the domestic hot water. And two domestic water pressure pumps.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	20	MAR-09

Event: Replace Three Plumbing Pumps: Domestic Water

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$3,600	Unassigned

Updated: MAR-09

D2020.02.06 Domestic Water Heaters **

The school has Two Universal 200,000 BTU, 72 Gal. Hot water tanks for domestic hot water.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	20	MAR-09

Event: Replace Two Domestic Water Heaters

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$50,200	Unassigned

Updated: MAR-09

D2020.03 Water Supply Insulation: Domestic *

The water lines have fiberglass insulation with canvas covering in exposed areas.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D2030.01 Waste and Vent Piping *

The under ground sewer is plastic, above ground cast, plastic and copper piping is used.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D2030.03 Waste Piping Equipment *

There is a septic waste tank with two pumps. The sewage is pumped to the Calgary sewer system for treatment and discharge.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D2040.01 Rain Water Drainage Piping Systems *

The rain water pipe is cast and plastic above ground. There are eves-troughs draining along the surface of the school site.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D2040.02.04 Roof Drains *

The roof drains are cast iron body's with domes and eves-trough.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	40	MAR-09

D3010.02 Gas Supply Systems *

The school is serviced with an under ground natural gas line. This provides heat for the building.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	60	MAR-09

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

There are 2 Well McLeain boilers, rated at 2,317,000 BTU's each. There are two 15 Hp. Armstrong Pumps that provide the circulation, the balance is provided with two horizontal expansion tanks.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	35	MAR-09

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

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2037	\$188,800	Unassigned

Updated: MAR-09

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

The chimney is metal with insulation and aluminum covering.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace One Chimney (&Comb. Air): H.W. Boiler

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$40,500	Unassigned

Updated: MAR-09

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

There is a chemical treatment program in effect. The chemical is introduced into the system with a pot feeder. It is checked with a site glass and side stream filter. There is also a glycol tank and pump.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D3030.05.04 Liquid Coolers and Evaporative Condensers

There is a Ref-Pluss, 12 fan Dry Air cooler on the roof to cool the glycol for the heat pumps.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	25	MAR-09

D3030.07 Heat Pumps**

The school has 59 Carrier heat pumps, 4 of these serve the Gym. Heat pump circulation is provided with Two 20 Hp. Armstrong pumps. The chemical treatment is monitored with a sight glass and side stream filter. The treatment is introduced through a pot feeder.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	15	MAR-09

Event: Replace Fifty Nine Heat Pumps

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2017	\$295,000	Unassigned

Updated: MAR-09

D3040.01.01 Air Handling Units: Air Distribution **

There is one Make Up Air MU-1 with a heating coil. It provides 15,350 CFM of ventilation.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace One Air Handling Unit: Air Distribution

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$325,000	Unassigned

Updated: MAR-09

D3040.01.04 Ducts: Air Distribution *

Air distribution is provided through galvanized duct work through out the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D3040.01.07 Air Outlets & Inlets:Air Distribution *

There are rectangle wall diffusers in the front entrance, the offices and class rooms have square ceiling diffusers. All the rooms have louver type return grills.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D3040.03.01 Hot Water Distribution Systems **

Threaded and welded schedule 40 piping is used for the hot water heating and glycol for the heat pumps.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	40	MAR-09

Event: Replace Hot Water Distribution Systems

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$626,500	Unassigned

Updated: MAR-09

D3040.04.01 Fans: Exhaust **

There are exhaust fans for all the washrooms, change / shower rooms, storage, computer, and janitor rooms. The home economics has general exhaust inlets over the cooking areas. The shop has a spray booth exhaust. There is a power kiln exhaust. The green house has two exhaust fans.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace Approximately Twelve Fans: Exhaust

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$26,200	Unassigned

Updated: MAR-09

D3040.04.03 Ducts: Exhaust *

Exhaust air is moved through galvanized duct work to the roof exhaust fans.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D3040.04.05 Air Outlets and Inlets: Exhaust *

Egg create grills are used for exhaust inlets.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

D3050.03 Humidifiers **

The school has one Engineered Air gas fired Humidifier H-1. It has a capacity of 325,000 Btu's and produces 300 Lbs per Hr. A water softener treats the water for humidifier use.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	25	MAR-09

Event: Replace The Humidifier

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2027	\$22,100	Unassigned

Updated: MAR-09

D3050.05.02 Fan Coil Units **

There are six force flow heaters for the entrances.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace Six Fan Coil Units

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$7,800	Unassigned

Updated: MAR-09

D3050.05.03 Finned Tube Radiation **

There is a small amount of baseboard radiation in the shop, basement entrance and a stair well.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	40	MAR-09

Event: Replace Finned Tube Radiation

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$2,400	Unassigned

Updated: MAR-09

D3050.05.06 Unit Heaters**

There are two unit heaters in the water room and one in the boiler room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace Unit Heaters

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$3,200	Unassigned

Updated: MAR-09

D3060.02.01 Electric and Electronic Controls**

The school mechanical equipment is controlled with 24 volt and 110 volt controls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace Electric and Electronic Controls

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$125,000	Unassigned

Updated: MAR-09

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

The school has a CSI building management system with remote capability.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	20	MAR-09

Event: Replace Building Systems Controls (BMCS, EMCS)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$50,000	Unassigned

Updated: MAR-09

D4010 Sprinklers: Fire Protection *

The school is protected with a sprinkler system. A storage tank and pumps provide water for the sprinklers.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	60	MAR-09

D4030.01 Fire Extinguisher, Cabinets and Accessories *

There are ABC Fire Extinguisher located through out the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

S5 ELECTRICAL

D5010.02 Secondary Electrical Transformers (Interior)**

Dry type transformers provide 208 volt distribution. There is one 300 KVA, one 112.5 KVA, one 45 KVA and two 75 KVA units.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2001	40	MAR-09

Event: Replace Secondary Electrical Transformers (5 transformers)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2041	\$40,000	Unassigned

Updated: MAR-09

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

The main service is 1200 amp 600 volt 3 phase 4 wire fed underground from a pad mount transformer. It is manufactured by FPE and contains molded case circuit breakers.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	40	MAR-09

Event: Replace Main Electrical Switchboard (1)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$228,400	Unassigned

Updated: MAR-09

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

Panels are located and dedicated to various wings of the school. Manufactured by FPE. Most have 30% spare capacity.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	30	MAR-09

Event: Replace Branch Circuit Panelboards (15)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$100,000	Unassigned

Updated: MAR-09

D5010.07.02 Motor Starters and Accessories**

MCC 1 and MCC 2 are each single section manufactured by square D. They are 600 volt 3 phase. There is a starter for the lift station by Moeller Electric.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	30	MAR-09

Event: Replace Motor Starters and Accessories (3 starters)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$30,000	Unassigned

Updated: MAR-09

D5020.01 Electrical Branch Wiring*

Conduit and wire methods have been maintained.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

D5020.02.01 Lighting Accessories (Lighting Controls)*

Contactors control corridor lighting by switches located at staff entrance locations.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

D5020.02.02.01 Interior Incandescent Fixtures*

Pot lights are located in conference rooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	30	MAR-09

D5020.02.02.02 Interior Fluorescent Fixtures**

Recessed pot lights are used in washrooms.
 Recessed 1x4 fixtures with lenses and T-8 lamps are used in the corridors.
 Recessed 2x4 fixtures with deep cell louvers and T-8 lamps are used in the office area.
 The class rooms have suspended indirect fluorescent fixtures with three T-8 lamps.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	30	MAR-09

Event: Replace Interior Florescent Fixtures

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$410,000	Unassigned

Updated: MAR-09

D5020.02.02.03 Interior Metal Halide Fixture*

Enclosed glass fixtures are used in the gymnasium and the main foyer.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

D5020.02.03.02 Emergency Lighting Battery Packs**

Battery packs are located in the main electrical room and the generator room.
Other emergency light is fed from the emergency generator and the building fluorescent light fixtures.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	20	MAR-09

Event: Replace Emergency Lighting Battery Packs (6)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$2,000	Unassigned

Updated: MAR-09

D5020.02.03.03 Exit Signs*

Exit sign use LEDF lamps.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

D5020.03.01.03 Exterior Metal Halide Fixtures*

Wall mounted fixtures are placed around the perimeter.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

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

Contactors are in place that control the lighting via the building management system and or photo-cell.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

D5030.01 Detection and Fire Alarm**

The fire alarm system is an Edwards EST addressable.
Bell/strobe devices are in place.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	25	MAR-09

Event: Replace Detection and Fire Alarm

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2027	\$127,000	Unassigned

Updated: MAR-09

D5030.02.02 Intrusion Detection**

A Magnum Alert security system is in place complete with motion sensors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	25	MAR-09

Event: Replace Intrusion Detection

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2027	\$75,200	Unassigned

Updated: MAR-09

D5030.04.01 Telephone Systems*

IP MYTEL handsets are in each class room and in the office.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	25	MAR-09

D5030.04.05 Local Area Network Systems*

Each wing has a data closet with cat 5 wiring in place to each class room.
Fiber optic cable links each closet.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

D5030.05 Public Address and Music Systems**

The RAULAND amplifier system interfaces with the phone system.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	20	MAR-09

Event: Replace Public Address and Music Systems

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2022	\$31,000	Unassigned

Updated: MAR-09

D5090.02 Packaged Engine Generator Systems (Emergency Power System)**

The generator is a KOHLER 200 KW with an ASCO transfer switch.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	35	MAR-09

Event: Replace Packaged Engine Generator Systems

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2037	\$60,000	Unassigned

Updated: MAR-09

S6 EQUIPMENT, FURNISHINGS AND SPECIAL CONSTRUCTION**E1010.07 Vending Equipment***

Vending machines at Commons.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

E1020.03 Theater and Stage Equipment*

Stage curtains.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

E1020.07 Laboratory Equipment*

Water distribution, chemical storage with prep room exhaust.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

E1020.08 Medical Equipment*

Infirmery patient curtain and track.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	25	MAR-09

E1090 Other Equipment

Ceramic firing kiln c/w exhaust ventilation. Woodworking shop: variety of power wood working equipment complete with portable dust collector.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

E1090.03 Food Service Equipment*

2 Coolers.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

E1090.04 Residential Equipment*

Refrigerator, electric range, dishwasher, microwaves in staff room. Microwave, dishwasher in science preparation. Electric range and dishwasher in servery. Electric ranges, dishwashers, microwaves, and stacking clothes washer/dryer in foods.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

E1090.07 Athletic, Recreational, and Therapeutic Equipment*

4 wall-mounted swing-away basketball nets. 2 ceiling-mounted swing-up basketball nets. 1 scoreboard. Fabric gymnasium divider.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

E2010.01.01 Murals

Mural in gym.

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

E2010.02 Fixed Casework**

Clear finish birch plywood casework with plastic laminate countertops throughout the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	35	MAR-09

Event: Replace Fixed Casework (Approx 500 m)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2037	\$600,000	Unassigned

Updated: MAR-09

E2010.03.01 Blinds**

Horizontal venetian blinds in classrooms and offices.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	30	MAR-09

Event: Replace Blinds (Approx 65)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$25,000	Unassigned

Updated: MAR-09

F1020.02.13 Paint Booths*

Spray paint booth in CTS.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

F2020.01 Asbestos*

No hazardous materials were evident or reported on the premises.

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

F2020.04 Mould*

No hazardous materials were evident or reported on the premises.

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

F2020.09 Other Hazardous Materials*

No hazardous materials were evident or reported on the premises.

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

S8 FUNCTIONAL ASSESSMENT

K3020 Indoor Environment

Insufficient acoustic control in Music room.

Refer to C3010.09 - Acoustical Wall Treatment - Program Functional Upgrade.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

K4010.01 Barrier Free Route: Parking to Entrance*

Access provided from barrier-free parking and public sidewalk to main entrance.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

K4010.02 Barrier Free Entrances*

Main entrance doors equipped with power assisted door operator.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09

K4010.03 Barrier Free Interior Circulation*

Good access to most areas of building. No access to gym viewing area mezzanine. Lowered countertop section in administration reception.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	0	MAR-09

K4010.04 Barrier Free Washrooms*

Barrier free washroom stalls provided in each wing and in administration. Barrier-free lavatory cabinets and Bradley sinks throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2002	0	MAR-09