

RECAPP Facility Evaluation Report

Edmonton RCSSD #7



Father Michael Troy Junior High School

B5101A
Edmonton

Facility Details

Building Name: Father Michael Troy Junior H
Address: 37a Avenue And 23 Street
Location: Edmonton

Building Id: B5101A
Gross Area (sq. m): 4,443.17
Replacement Cost: \$15,242,850
Construction Year: 2003

Most Recent Consultant Evaluation

Evaluation Company: KOLIGER SCHMIDT architect engineer
Evaluation Date: January 30 2014
Evaluator Name: Steve Horvath KOLIGER SCHMIDT
 architect engineer
Evaluation FCR: -1%

Total Maintenance Events Next 5 years: **\$35,673**
Current 5 year Facility Condition Index (FCI): **0.23%**

General Summary:

Father Michael Troy is a junior high school with classes from grade 7 to grade 9. The building is one storey with two mezzanines in the gymnasium over the change rooms and storage rooms. The building was constructed in 2003 and has an area of 4443m². At present there are 393 students administered by 24 staff.

The building is in acceptable condition.

Structural Summary:

The building structure consists of concrete grade beams supported by concrete piles. The main floor is reinforced concrete slab on grade. The mezzanine floors are cast in place concrete in steel pans. The super structure consist of a combination of steel beams, steel columns and concrete block. The roof system is open web steel joist with steel pan decking.

The building structure is in acceptable condition.

Envelope Summary:

The building envelope consists of face brick cladding with concrete brick mimicking stone for high lights. The windows are aluminum framed with stationary and operable sashes. The entry doors are steel store fronts; the utility doors are painted hollow steel doors mounted in pressed steel frames. The roof is mostly flat and clad with SBS roofing for all areas except gymnasium and front canopy which are curved and clad with sheet metal roofing. Large skylights are provided over the main lobby and the two computer room areas.

The building envelope is in acceptable condition.

Interior Summary:

The main entry opens onto a large lobby which is surrounded by curved walls. From the main lobby access is provided to the gymnasium and the corridor for the north and south wings, library and administrative offices. The two wings are mirror images with the corridor ending with the computer labs which are circular rooms with corridors around them from the circular corridors access is provided for the classrooms on those ends of the school. Two mezzanines are provided in the gymnasium which house the mechanical equipment for the building. The mezzanines are located above the change rooms and on the opposite side of the gymnasium over the storage rooms. The interior finished consist of painted concrete block walls throughout, flooring is carpet for the administrative offices, library and music room; wood sports floor for the gymnasium, painted concrete for the mechanical rooms and vinyl tiles for the remainder of the areas. The ceiling consists of acoustic suspended ceiling for most of the building except for washrooms and high lighted areas over the main lobby and computer rooms are painted gypsum board around the skylights. The gymnasium ceiling has painted exposed open web steel joist and steel decking, the gymnasium storage rooms have unpainted concrete ceilings; the mechanical rooms has unpainted steel joist and steel deck.

The building interior is in acceptable condition.

Mechanical Summary:

The school heating is provided by two natural gas fired boilers the supply radiant panels, unit heaters and force flows as well as heating coils in the air handling units and reheat coils in the supply air ductwork. There are two air handling units that supply ventilation to the school. Domestic water is supplied by two domestic water heaters. The water closets are flush valve and the urinals are wall hung flush valve. Most of the lavatories are counter mounted stainless steel and a few vitreous china wall hung.

The mechanical systems are in acceptable condition.

Electrical Summary:

Oil filled pad mounted utility transformer. 800A-120/208V/3PH/4W main distribution switchboard as manufactured by FPE. Branch circuit panelboards located throughout school. Motor control centers. Manual motor starters. Copper wiring installed in conduit. Low voltage and line voltage light switching. Compact fluorescent potlights and mixture of surface mounted, wall mounted, and recess mounted fluorescent fixtures with T8 lamps and electronic ballasts. Pendant hung fluorescent fixtures with T5 lamps and electronic ballasts. Wall mounted metal halide light fixtures. DC emergency lighting. LED exit signs. Wall mounted HPS light fixtures controlled by photocell with manual override. Edwards fire alarm system. DSC intrusion detection system. Video surveillance system. AC digital clocks. NEC telephone system. Cat 5E data system. Telecor XL public address system. Cable TV system.

Electrical in acceptable condition.

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***

Foundation consists of concrete grade beams supported by concrete piles.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

A1030 Slab on Grade*

Main floor slab consists of reinforced concrete slab on grade.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1010.01 Floor Structural Frame (Building Frame)*

Reinforced concrete slab on grade. Concrete block exterior walls and steel girders and columns.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

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

Concrete block walls with steel girders and columns.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1010.03 Floor Decks, Slabs, and Toppings*

Concrete slab on grade for main floor.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1010.05 Mezzanine Construction*

Reinforced concrete in steel pans supported by concrete block walls and steel girders.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1010.06 Ramps: Exterior*

Sloped concrete walks to ground level entries.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1010.09 Floor Construction Fireproofing*

Concrete and steel pans provide sufficient fire proofing.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1010.10 Floor Construction Firestopping*

Cement grout utilized for floor system fire stopping.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1020.01 Roof Structural Frame*

Open web steel joist with corrugated steel decking utilized for roof frame.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1020.03 Roof Decks, Slabs, and Sheathing*

Roof decks consist of corrugated metal deck on steel joists.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1020.04 Canopies*

Steel framed canopy supported by steel columns.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1020.05 Roof Construction Vapor Retarders, Air Barriers, and Insulation*

Rigid insulation on roof deck, mopped on tar for vapour barrier.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1020.06 Roof Construction Fireproofing*

Suspended acoustic ceiling tile provide fire proofing for ceilings.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B1020.07 Roof Construction Firestopping*

Mineral wool fire stopping at top of concrete block walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	2003	0	APR-14

Event: **Install fire stopping at 30 locations.**

Concern:

Fire stopping missing where conduits and pipes pierce suspended ceiling at several areas.

Recommendation:

Install appropriate firestopping and defective areas.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Code Repair	2014	\$1,556	Medium

Updated: APR-14



Firestopping missing where conduits pierce ceiling tiles.

S2 ENVELOPE**B2010.01.02.01 Brick Masonry: Ext. Wall Skin***

A combination of red brick and decorative patterned concrete bricks mimicking stone utilized for exterior cladding.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

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

Smooth finish cement stucco utilized at face of entry canopy.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B2010.01.09 Expansion Control: Ext. Wall*

Caulked expansion joints utilized in conjunction with different materials.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

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

Caulking utilized at junction of door and window frames with cladding elements.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	20	APR-14

Event: Place 320m Caulked Joints

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$9,748	Unassigned

Updated: APR-14

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

Concrete block exterior wall for brick back up.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

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

Painted concrete block vapour barrier and rigid insulation.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B2010.06 Exterior Louvers, Grilles, and Screens*

Prefinished metal grilles for mechanical utilized.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B2010.09 Exterior Soffits*

Stucco soffits utilized at entry canopy.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

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

Exterior windows consist of prefinished aluminum frames with operable and stationary sashes, glazing consists of double sealed units.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	40	APR-14

Event: Replace 90m² Exterior Aluminum Windows

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2043	\$93,019	Unassigned

Updated: APR-14

B2030.01.02 Steel-Framed Storefronts: Doors**

Steel framed entrance doors utilized at all entries.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace 10 Storefront doors

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$25,303	Unassigned

Updated: APR-14

B2030.01.06 Automatic Entrance Doors**

Two automatic entrance doors utilized at front entry.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace 2 automatic swing doors

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$41,999	Unassigned

Updated: APR-14

B2030.02 Exterior Utility Doors**

Painted hollow steel doors in pressed steel frames utilized for utility doors at gymnasium and mechanical rooms

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	40	APR-14

Event: Replace 7 Utility Doors

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2043	\$6,222	Unassigned

Updated: APR-14

B3010.01 Roof Vapour Retarder and Insulation*

Rigid insulation with mopped on tar vapour barrier.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

B3010.04.99 Other Membrane Roofing*- 2003 Section

SBS Roofing for most areas except over gymnasium and front canopy. Roof covered with snow and could not viewed.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	25	APR-14

Event: Replace 3750m² SBS Membrane Roofing

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$707,234	Unassigned

Updated: APR-14

B3010.07 Sheet Metal Roofing**

Curved sheet metal roofing over gymnasium and front canopy.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	40	APR-14

Event: Replace 690m² Sheet Metal Roofing

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2043	\$182,201	Unassigned

Updated: APR-14

B3020.01 Skylights**

Skylights located above main lobby and computer rooms

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	25	APR-14

Event: Replace 98m² Skylights.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$236,643	Unassigned

Updated: APR-14

B3020.02 Other Roofing Openings (Hatch, Vent, etc)* - 2003 Section

Roof hatch, plumbing vents and mechanical exhaust ducts pierce roof.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

S3 INTERIOR**C1010.01 Interior Fixed Partitions***

Interior fixed partitions consist of painted concrete block walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1010.03 Interior Operable Folding Panel Partitions**

A vinyl coated folding partition located in classroom 110.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace 24m² Interior Operable Folding Panel Partitions

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$28,829	Unassigned

Updated: APR-14

C1010.04 Interior Balustrades and Screens, Interior Railings*

Painted metal railings in mechanical room mezzanine.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1010.05 Interior Windows*

Wired glass in pressed steel frames at offices and several classrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1010.07 Interior Partition Firestopping*

Cement plaster utilized at penetrations through fire separations.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1020.01 Interior Swinging Doors (& Hardware)*

Solid core wood doors mounted in pressed steel frames.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1020.03 Interior Fire Doors*

Hollow core steel doors with wired glass mounted in pressed steel frames at corridor separations and mechanical rooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1020.05 Interior Large Doors*

Retractable steel door in hall at music room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1030.01 Visual Display Boards**

Three white boards, two tack boards and one smart board utilized in classrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	20	APR-14

Event: Replace 52 white boards and 52 tack boards

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$72,175	Unassigned

Updated: APR-14

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

Prefinished steel toilet partitions utilized in washrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace 20 Fabricated Compartments(Toilets)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$24,992	Unassigned

Updated: APR-14

C1030.06 Handrails*

Painted steel pipe rails at interior ramps.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1030.08 Interior Identifying Devices*

Plastic signs affixed to doors to identify rooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1030.10 Lockers**

Prefinished metal lockers utilized in corridors of school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace 310 Lockers

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$156,691	Unassigned

Updated: APR-14

C1030.12 Storage Shelving*

Plastic laminate particle board and prefinished metal shelving utilized in storage rooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C1030.14 Toilet, Bath, and Laundry Accessories*

Prefinished metal soap, paper towel and toilet paper dispensers utilized in washrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C2010 Stair Construction*

Concrete in steel pans utilized for stairs to mechanical room in mezzanine.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C2020.08 Stair Railings and Balustrades*

Painted pipe railings and balustrades utilized at stairs.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C3010.09 Acoustical Wall Treatment - 2003**

Acoustic wall treatment utilized in music room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	20	APR-14

Event: Replace 110m² Acoustical Wall Treatment

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$26,651	Unassigned

Updated: APR-14

C3010.09 Acoustical Wall Treatment - 2012**

Alberta Infrastructure to archive this item.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2012	20	APR-14

Event: Complete-Acoustic treatment in gym

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Program Functional Upgrade	2012	\$79,652	High

Updated: DEC-12

C3010.09 Acoustical Wall Treatment - Gymnasium**

Upper portions of gymnasium have acoustic panels, installed in 2012.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2012	20	APR-14

Event: Replace 280m² Acoustic Wall Treatment.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2032	\$67,612	Unassigned

Updated: APR-14

C3010.11 Interior Wall Painting*

All interior concrete block walls are painted.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C3020.01.02 Painted Concrete Floor Finishes*

Mechanical rooms have painted floors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

C3020.04 Wood Flooring**

Wood sports floor in gymnasium.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace 570m² Wood Flooring

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$154,824	Unassigned

Updated: APR-14

C3020.07 Resilient Flooring**

Vinyl tile flooring utilized through out except for office areas, library and music room which have carpets.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	20	APR-14

Event: Replace 3290m² Sheet Vinyl Flooring

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$273,042	Unassigned

Updated: APR-14

C3020.08 Carpet Flooring**

Carpet flooring used in offices, library and music room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	15	APR-14

Event: Replace 350m² Carpet Flooring

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$18,562	Unassigned

Updated: APR-14

C3030.01 Concrete Ceiling Finishes (Unpainted)*

Gym storage ceilings have unpainted concrete floors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

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

Majority of areas have acoustic ceilings, except for washrooms highlighted areas of corridor by lobby area and computers which have painted gypsum board and skylights; gymnasium storage rooms which have unpainted concrete and mechanical rooms which have exposed steel decking.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	25	APR-14

Event: Replace 3140m² Acoustic Ceiling Treatment (Susp.T-Bar)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$151,609	Unassigned

Updated: APR-14

C3030.07 Interior Ceiling Painting*

Painted ceilings in washrooms, highlighted areas of corridor by lobby area and computers, gymnasium open joist and steel deck.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

S4 MECHANICAL**D2010.04 Sinks****

There are double compartment stainless steel sinks in the staff room and in the culinary arts room, the remaining classroom sinks are single compartment. The service sink is floor mounted.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace Sinks (23)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$37,851	Unassigned

Updated: APR-14

D2010.05 Showers**

There is a shower in the staff area and in the gym office. Both showers have fixed heads.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace Showers (2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$5,185	Unassigned

Updated: APR-14

D2010.08 Drinking Fountains/Coolers**

The drinking fountains are wall hung and refrigerated.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	35	APR-14

Event: Replace Drinking Fountains (3)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$10,889	Unassigned

Updated: APR-14

D2010.09 Other Plumbing Fixtures*

There is a wash fountain in the industrial arts area.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

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

The water closets are flush valve and the urinals are wall hung flush valve. Most of the lavatories are counter mounted stainless steel and a few vitreous china wall hung.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	35	APR-14

Event: Replace Water Closets (24), Urinals (7) and Lavatories (21)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$94,367	Unassigned

Updated: APR-14

D2020.01.01 Pipes and Tubes: Domestic Water*

The visible domestic water piping is copper.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D2020.01.02 Valves: Domestic Water**

The main domestic water service has shutoff valves at the water meter.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	40	APR-14

Event: Replace Domestic Water Main Shutoff Valves (3)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2043	\$3,630	Unassigned

Updated: APR-14

D2020.01.03 Piping Specialties (Backflow Preventers)**

There are double check valves on the sprinkler supply and a backflow preventer on the boiler water makeup line.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	20	APR-14

Event: Replace Backflow Preventers (2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$9,852	Unassigned

Updated: APR-14

D2020.02.02 Plumbing Pumps: Domestic Water**

There is an inline recirculation pump for the domestic hot water.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	20	APR-14

Event: Replace Domestic Water Recirculation Pump (1)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$1,348	Unassigned

Updated: APR-14

D2020.02.06 Domestic Water Heaters**

The domestic water heaters are State induced draft water heaters model SBF100400NECGAD with a storage capacity of 375 litres and a recovery rate of 1288 litres/hour.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	20	APR-14

Event: Replace Domestic Water Heaters (2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$12,444	Unassigned

Updated: APR-14

D2020.03 Water Supply Insulation: Domestic*

The domestic water lines are insulated.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D2030.01 Waste and Vent Piping*

There is PVC and cast iron waste and vent piping.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D2040.01 Rain Water Drainage Piping Systems*

The roof drains are connected to the storm sewer with piping that runs through the ceiling space.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D2040.02.04 Roof Drains*

The roof drains have domed strainers.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D3010.02 Gas Supply Systems*

Natural gas is supplied to the boilers and water heaters from the gas meter located in the gymnasium storage room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

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

The hot water heating boilers are Raypak boilers with a input of 659 kW and an output of 547 kW. There are zone heating pumps that run in parallel.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	35	APR-14

Event: Replace Heating Boilers (2) and Pumps (12)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$141,032	Unassigned

Updated: APR-14

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

The boilers have individual chimneys and combustion air is supplied to the mechanical room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	35	APR-14

Event: Replace Chimneys (12m)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$10,889	Unassigned

Updated: APR-14

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

The boiler chemical treatment is added through a chemical pot feeder.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D3040.01.01 Air Handling Units: Air Distribution**

There are two Haakon Airpak air handling units made up of a supply fan, return air fan, pre-heat coil, heating coil, filters and a mixing section c/w a blender. Air Handling Unit #1 supplies 4,959 litres/sec and Air Handling Unit #2 supplies 7,557 litres/sec.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace Air Handling Units (2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$186,660	Unassigned

Updated: APR-14

D3040.01.03 Air Cleaning Devices: Air Distribution*

The air handling units have disposable type air filters.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D3040.01.04 Ducts: Air Distribution*

There are galvanized sheet metal ducts running in the ceiling spaces.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D3040.01.07 Air Outlets & Inlets: Air Distribution*

There are square supply air diffusers and some linear grilles. The gymnasium has louvred grilles mounted on the exposed ductwork. The return air grilles are aluminum egg crate type.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D3040.03.01 Hot Water Distribution Systems**

Hot water heating is distributed to radiant heating panels, entrance force flow heaters and unit heaters as well as the heating coils in the air handling units.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	40	APR-14

Event: Replace Hot Water Distribution Systems (4,443 /gfa)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2043	\$469,761	Unassigned

Updated: APR-14

D3040.04.01 Fans: Exhaust**

There are inline cabinet exhaust fans and roof mounted exhaust fans as well as exhaust from the culinary arts range hoods.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace Exhaust Fans (7)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$13,481	Unassigned

Updated: APR-14

D3040.04.02 Air Cleaning Devices: Exhaust*

There has been a dust collection system added to the school in a storage room off the wood working room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
2 - Poor	2006	0	APR-14

Event: Replace Dust Collector (1)

Concern:

The school was not designed with a dust collector system. The one that is installed is in a storage room and it was reported it is undersized for the schools needs.

Recommendation:

Install a new dust collector system out doors for the wood working room.

Consequences of Deferral:

Dust getting back into the school.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2014	\$15,555	Medium

Updated: APR-14



Dust collection outlets in wood working room.

D3040.04.03 Ducts: Exhaust*

The galvanized sheet metal ductwork runs through the ceiling space.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D3040.04.05 Air Outlets and Inlets: Exhaust*

The exhaust grilles are aluminum egg crate type.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D3050.01.01 Computer Room Air Conditioning Units**

There are two computer room air conditioning units. They are split system Carrier 38HDC024341 units with the condensing units on the roof and are charged with R-22.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace Computer Room Air Conditioning Units (2)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$37,332	Unassigned

Updated: APR-14

D3050.02 Air Coils**

There are reheat coils in the supply air ductwork. There is a coil for each room to allow for temperature control.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace Reheat Coils (60)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$31,110	Unassigned

Updated: APR-14

D3050.05.02 Fan Coil Units**

There are force flow units at the entrances mounted in the ceiling spaces.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace Force Flow Units (3)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$16,592	Unassigned

Updated: APR-14

D3050.05.08 Radiant Heating (Ceiling & Floor)**

Heating is provided from radiant panels mounted in the ceilings.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	35	APR-14

Event: Replace Radiant Panels (200 m)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$186,660	Unassigned

Updated: APR-14

D3060.02.01 Electric and Electronic Controls**

The building controls are electric and electronic and tie into the BMCS.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace Controls (4,443 m²/gfa)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$33,599	Unassigned

Updated: APR-14

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

The BMCS system is Reliable Controls Mach Global controller and Reliable Controls Mach-Zone controls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	20	APR-14

Event: Replace BMCS (4,443 m²/gfa)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$134,810	Unassigned

Updated: APR-14

D4010 Sprinklers: Fire Protection*

The school is completely sprinklered.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

D4030.01 Fire Extinguisher, Cabinets and Accessories*

There are dry chemical fire extinguishers in cabinets and on brackets throughout the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

S5 ELECTRICAL**D5010.01.02 Main Electrical Transformers (Utility Owned)***

Oil filled pad mounted utility transformer located on West side of school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

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

800A-120/208V/3PH/4W main distribution switchboard as manufactured by FPE. Switchboard located in electrical room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	40	APR-14

Event: Replace Main Electrical Switchboard (1)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2043	\$32,147	Unassigned

Updated: APR-14

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

FPE panelboards located throughout school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	30	APR-14

Event: Replace Branch Circuit Panelboard (13)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$64,294	Unassigned

Updated: APR-14

D5010.07.01 Switchboards, Panelboards, and (Motor) Control Centers**

One 2 section and one 5 section motor control centre as manufactured by Square D.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	30	APR-14

Event: Replace Motor Control Centre (7 sections)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$47,702	Unassigned

Updated: APR-14

D5010.07.02 Motor Starters and Accessories**

10 manual motor starters to small motor loads.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	30	APR-14

Event: Replace Motor Starters (10)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$5,185	Unassigned

Updated: APR-14

D5020.01 Electrical Branch Wiring*

Copper wiring installed in conduit.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

D5020.02.01 Lighting Accessories: Interior (Lighting Controls)*

Lighting control is provided by line voltage switching throughout school and low voltage switching in Gymnasium and corridors. Each classroom has own switches to control lights.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

D5020.02.02.02 Interior Fluorescent Fixtures - 2003**

Compact fluorescent potlights and mixture of surface mounted, recess mounted, and wall mounted fluorescent light fixtures complete with T8 lamps and electronic ballasts.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	30	APR-14

Event: Replace Fluorescent Fixtures (785)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$320,433	Unassigned

Updated: APR-14

D5020.02.02.02 Interior Fluorescent Fixtures - 2012**

Pendant hung fluorescent light fixtures complete with T5 lamps and electronic ballasts. Fixtures located in gymnasium.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2012	30	APR-14

Event: Replace Fluorescent Fixtures (24)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$9,852	Unassigned

Updated: APR-14

D5020.02.02.03 Interior Metal Halide Fixtures*

Wall mounted metal halide light fixtures located in corridors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

D5020.02.03.02 Emergency Lighting Battery Packs**

DC emergency lighting system with battery packs and remote heads installed to illuminate exit paths.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	20	APR-14

Event: Replace Emergency Lighting Battery Packs (12)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$14,518	Unassigned

Updated: APR-14

D5020.02.03.03 Exit Signs*

LED exit signs at exit doors and to identify paths to exit.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

D5020.03.01.04 Exterior H.P. Sodium Fixtures*

Wall mounted HPS light fixtures installed along building perimeter.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

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

Exterior lighting controlled by a photocell with a manual override.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

D5030.01 Detection and Fire Alarm**

Edwards fire alarm system with Edwards Quick Start fire alarm panel, alarm horn/strobe units, and fire detection devices. Fire alarm panel located at main front entrance.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	25	APR-14

Event: Replace Fire Alarm System (4,443 sq.m./gfa)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$147,773	Unassigned

Updated: APR-14

D5030.02.02 Intrusion Detection**

DSC security system with keypads, motion detectors, and door contacts. System is monitored.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	25	APR-14

Event: Replace Intrusion Detection System (4,443 sq.m./gfa)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$134,810	Unassigned

Updated: APR-14

D5030.02.04 Video Surveillance**

Video surveillance system with security cameras located throughout interior and exterior of building, digital recording, and dedicated computer with monitored located in server room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	25	APR-14

Event: Replace Video Surveillance (4 cameras)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$26,444	Unassigned

Updated: APR-14

D5030.03 Clock and Program Systems*

Digital AC clocks located in classrooms, offices, and corridors.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

D5030.04.01 Telephone Systems*

NEC telephone system with telephones in each classroom.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

D5030.04.04 Data Systems*

Cat 5E data system with outlets located throughout school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

D5030.05 Public Address and Music Systems**

Telecor XL paging system. Installation includes paging speakers located in corridors & classrooms and microphone in general office.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	20	APR-14

Event: Replace Public Address (4,443 sq.m./gfa)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$92,293	Unassigned

Updated: APR-14

D5030.06 Television Systems*

Cable TV system with TV outlets located in classrooms and staff room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2003	0	APR-14

S6 EQUIPMENT, FURNISHINGS AND SPECIAL CONSTRUCTION**E1020.02 Library Equipment***

Book shelves and monitoring equipment in library.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

E1020.03 Theatre and Stage Equipment*

Stage lighting in music room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

E1020.07 Laboratory Equipment*

Draft hoods, bunzen burners and chemicals in laboratory.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

E1090.04 Residential Equipment*

Refrigerators, stoves and microwaves in staff and home economics rooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

E1090.07 Athletic, Recreational, and Therapeutic Equipment*

Basket ball hoops and back boards, score board and climbing apparatus in gymnasium.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

E2010.02 Fixed Casework**

Open shelving with counter tops in classrooms, full kitchen cabinets in home economics room and staff room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	35	APR-14

Event: Replace 3475m²/gfa Fixed Casework

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$366,994	Unassigned

Updated: APR-14

E2010.03.01 Blinds**

Vinyl horizontal blinds utilized for classroom and office exterior windows.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	30	APR-14

Event: Replace 90m² Blinds

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$10,266	Unassigned

Updated: APR-14

S8 SPECIAL ASSESSMENT**K4010.01 Barrier Free Route: Parking to Entrance***

Handicap parking provided, sloped walk to main entry also provided.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

K4010.02 Barrier Free Entrances*

Automatic doors provided at main entry for barrier free entry.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

K4010.03 Barrier Free Interior Circulation*

All areas are on one floor and wheel chair accessible.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

K4010.04 Barrier Free Washrooms*

Barrier free washrooms provided with stall for wheel chairs and grab bars.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

K4030.01 Asbestos*

None observed or reported by staff.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

K4030.04 Mould*

None observed or reported by staff.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

K4030.07 Ozone Depleting Substances (CFC's, HCFC's, Halon)*

The condensing units are charged with R-22.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

K4030.09 Other Hazardous Materials*

None observed or reported by staff.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14

K5010.01 Site Documentation*

Father Michael Troy Junior High School is located in the Edmonton southern subdivision of Millwoods. It is located on the west side of 23 Street and south of 37A Avenue. Access to the school is from 23 street via two paved accesses which form a semi circle directly at the front of the school. The paved parking lot is located with in the semi circular area formed by the access road. Handicapped stall is provided in this parking lot. A semi circular main concrete walk is provided adjacent to the access road to the municipal walk. Concrete walks are provided to the main and secondary entries from the main walk. Barrier free access is provided to all the entries as they are all at grade level. The school site has grassed outdoor areas with some mature trees and shrubs adjacent to the main entry and on the north portion of the site.

As observed by KOLIGER SCHMIDT architect engineer 2014/12/30

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2003	0	APR-14



Father Michael Troy Junior High School Site Plan (google maps). As observed by KOLIGER SCHMIDT architect engineer 2014/01/30

