

RECAPP Facility Evaluation Report

Edmonton School District No. 7



Lynnwood Elementary School

B3200A
Edmonton

Facility Details

Building Name: Lynnwood Elementary School
Address: 15451 - 84 Avenue
Location: Edmonton

Building Id: B3200A
Gross Area (sq. m): 3,855.00
Replacement Cost: \$11,350,000
Construction Year: 1960

Evaluation Details

Evaluation Company: Francis Ng Architect Ltd.
Evaluation Date: August 17 2012
Evaluator Name: Francis Ng

Total Maintenance Events Next 5 years: \$662,550
5 year Facility Condition Index (FCI): 5.84%

General Summary:

The school for Grade K through Grade 6 was originally built in Edmonton in 1960. School faces one public street - 84 Avenue on the North. It is under the jurisdiction of Edmonton School District No.7.

The original 3855.0 square metres building was built in 1960. The total building area is 3855.0 square metres.

(1960) Original Building has modernization in 1998.

(1960) Original Building (Main Floor - North Main Entrance F1) - has metal doors and metal framed storefront. (installed in approx. 2007)

(1960) Original Building (Main Floor - East Exit F2, Southeast Exit F3, Northeast Exit F4) - have metal doors and metal frames. (installed in approx. 2007)

(1960) Original Building (Main Floor - Corridor C1 to C2) - has aluminum doors and aluminum framed storefront. (installed in approx. 2007)

ABC Group A Division 2 - School. The 1960 Original Building is two storeys, has combustible and non-combustible construction and is unsprinklered.

Structural Summary:

(1960) Original Building - Foundation has concrete grade beams and piles; Main Floor has slab on grade and cast in place concrete columns; Second Floor and Roof have precast concrete double tees on precast concrete floor beams on cast in place concrete columns. Gymnasium and Stairs have concrete block.

Recommendations for future action: repair concrete slab; repair concrete column.

Overall structural system rating is acceptable.

Envelope Summary:

(1960) Original Building - has SBS roofing, face bricks, metal siding fascia; EIFS, exposed concrete columns, steel framed storefronts and doors, aluminum windows; metal utility doors and metal frames; wood utility doors and wood frames.

Recommendations for future action: replace wood trims; replace exterior utility doors; clean roof drains.

Overall envelope system rating is acceptable.

Interior Summary:

(1960) Original Building - Classrooms have suspended T-bar ceiling system c/w acoustic ceiling tiles, vinyl wall covering, sheet vinyl flooring and carpet flooring; Corridors have suspended T-bar ceiling system c/w acoustic ceiling tiles; painted gypsum wall board, and sheet vinyl flooring; Gymnasium has wood flooring, painted concrete block, exposed concrete double T slab and fibreboard ceiling tiles; Administration area has suspended T-bar ceiling system c/w acoustic ceiling tiles; painted gypsum wall board and carpet flooring; Washrooms have suspended T-bar ceiling system c/w acoustic ceiling tiles, painted gypsum wall board and sheet vinyl flooring; Mechanical Room has exposed concrete double T slab, concrete block wall and face brick wall and unpainted concrete flooring; wood doors and metal frames; chalkboards, whiteboards, tackboards and projection screens.

Recommendations for future action include: repair interior partition firestopping; replace lockers; repaint interior walls; repair acoustic wall treatment; replace resilient flooring; replace carpet flooring; replace fibreboard ceiling tiles; replace millwork.

Overall interior system rating is acceptable.

Mechanical Summary:

The building is heated by a single gas fired hot water boiler which supplies a hot water distribution system which includes finned tube radiation cabinets, convectors and Force Flow heaters. A glycol heating loop is heated by a shell & tube type heat exchanger from the hot water heating loop, and the glycol loop supplies the air handling unit heating coils. There are three air handling units in the building which are a mixed air system. These units are equipped with glycol heating coils, filters. The fresh air supplied to the building by the air handling unit is balanced by the exhaust air flow from the air handling unit and from sanitary, local and general exhaust fans.

Building HVAC actuators and controls are pneumatic, and the control air supply system includes an air compressor mounted on an air receiver tank, as well as a refrigerated air dryer. There is a Building Management and Control System (BMCS) providing control and monitoring functions for major HVAC equipment.

Washroom plumbing fixtures include toilets, lavatories and urinals. Other plumbing fixtures in the building include drinking fountains, mop sinks, shower stalls and general purpose stainless steel sinks. A gas fired domestic hot water heater provides domestic hot water for the building lavatories, sinks and showers.

Fire protection for the building consists of cabinet mounted and wall mounted fire extinguishers are located throughout the facility.

The boiler is in need of replacement or upgrading. Overall, the building mechanical equipment and systems are in acceptable (4) condition.

Electrical Summary:

This building was built in 1960 with an electrical modernization done in 1998. During the modernization period a new 500 Amp siemens main MDP was installed.

Also at this time new branch circuit panel boards were installed. The interior florescent fixtures were up-grade also. A new security system was added at this time.

The Bogen Multicom 2000 was installed at the same time.

Overall, the electrical systems in this facility are in good 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***

(1960) Original Building - has concrete grade beams and piles throughout the exterior and the interior of the building.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

A1030 Slab on Grade*

(1960) Original Building - has concrete slab on grade throughout the main floor of the building.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1960	0	JAN-13

Event: **Repair concrete slab - 1960 Section. (approx. 10 square metres)**

Concern:

(1960) Original Building (Main Floor - Storage 32) - has uneven slab.

(1960) Original Building (Main Floor - Gym Storage 6) - has cracked concrete slab.

Recommendation:

Repair concrete slab - 1960 Section. (approx. 10 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Repair	2012	\$2,000	Low

Updated: JAN-13



(1960) Original Building (Main Floor - Gym Storage 6) - has cracked concrete slab.

B1010.01 Floor Structural Frame (Building Frame)*

(1960) Original Building (Main Floor) - has cast in place concrete columns on the exterior and the interior of the building.
 (1960) Original Building (First Floor) - has interior precast concrete double tees on precast concrete floor beams on cast in place concrete columns.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1960	0	JAN-13

Event: Repair 1 concrete column.

Concern:

(1960) Original Building (Main Floor - Southeast corner) - has damaged cast in place concrete column.

Recommendation:

Repair 1 concrete column.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Repair	2012	\$2,000	Low

Updated: JAN-13



(1960) Original Building (Main Floor - Southeast corner) - has damaged cast in place concrete column.

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

(1960) Original Building (Main Floor) - has cast in place concrete columns.
 (1960) Original Building (First Floor) - has precast concrete floor beams on cast in place concrete columns.
 (1960) Original Building (Typical Roof) - has precast concrete floor beams on cast in place concrete columns.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B1010.03 Floor Decks, Slabs, and Toppings*

(1960) Original Building (Main Floor) - has concrete slab on grade.
 (1960) Original Building (First Floor) - has precast concrete double T slabs.
 (1960) Original Building (Typical Roof) - has precast concrete double T slabs.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B1010.05 Mezzanine Construction*

(1960) Original Building (Stage 7) - has 38x184mm wood floor joists on 38x89mm wood stud walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B1010.09 Floor Construction Fireproofing*

(1960) Original Building (Stage 7) - has drywall finish to the underside of the stage floor and on the bearing walls supporting the stage floor.

(1960) Original Building (First Floor) - has precast concrete double T slabs.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B1010.10 Floor Construction Firestopping*

(1960) Original Building (Stage 7) - has drywall finish to the underside of the stage floor and on the bearing walls supporting the stage floor.

(1960) Original Building (First Floor) - has precast concrete double T slabs.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B1020.01 Roof Structural Frame*

(1960) Original Building (Typical Roof) - has precast concrete double tees on precast concrete floor beams on cast in place concrete columns.

(1960) Original Building (Roof - Gym Storage 6 and Vestibule to Gymnasium 5 South Exit) - has 38x184 wood joists.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B1020.03 Roof Decks, Slabs, and Sheathing*

(1960) Original Building (Typical Roof) - has precast concrete double T slabs.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B1020.04 Canopies*

(1960) Original Building (Main Floor - North Main Entrance F1 Canopy) - has steel framed roof on cast in place concrete beams on cast in place concrete columns. (installed in 1978)

(1960) Original Building (East Exit F2, Gymnasium 5 - Southeast Exit) - canopy has wood deck on wood joists supported by concrete block.

(1960) Original Building (Gymnasium 5 - Southeast Exit) - canopy has wood deck on wood joists on concrete columns.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B1020.06 Roof Construction Fireproofing*

(1960) Original Building (Typical Roof) - has precast concrete double T slabs.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

(1960) Original Building (Main Floor below window sills and end walls) - have 75mm face brick, air space, 35mm rigid insulation, self adhesive air/vapour barrier membrane, 13mm exterior gypsum board, 152mm steel studs, 16mm gypsum board.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

(1960) Original Building (partial Main Floor and Second Floor) - have EIFS containing acrylic stucco finish with heavy weight mesh reinforcement, 102mm rigid insulation, self adhesive air/vapour barrier membrane, 13mm exterior gypsum board sheathing, 152mm steel studs, 16mm gypsum board.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

B2010.01.06.03 Metal Siding**

(1960) Original Building - has metal siding fascia. (approx. 100 square metres)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	JAN-13

Event: Replace metal siding. (approx. 100 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$15,000	Unassigned

Updated: JAN-13

B2010.01.06.04 Wood Siding**

(1960) Original Building - has wood trim on the columns at the top of the brick walls. (14 trims)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1960	40	JAN-13

Event: Replace and repaint 14 wood trims.**Concern:**

(1960) Original Building - has rotten wood trim and worn out paint.

Recommendation:

Replace and repaint 14 wood trims.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$2,800	Low

Updated: JAN-13



(1960) Original Building - has rotten wood trim and worn out paint.

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

(1960) Original Building (Window and Door Openings) - have joint sealants. (approx. 760 linear metres)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	20	JAN-13

Event: Replace joint sealants. (approx. 760 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$38,000	Unassigned

Updated: JAN-13

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

(1960) Original Building (Chimney) - has face brick above roof.

(1960) Original Building (Mechanical Room 1, Gymnasium 5, Corridor C4, C5, C6, Stair 1, 2, 3) - have concrete block.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

(1960) Original Building - has rigid insulation, self adhesive air/vapour barrier membrane.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

B2010.06 Exterior Louvers, Grilles, and Screens*

(1960) Original Building (Main Floor - Mechanical Room 1) - has metal louvre.

(1960) Original Building (Main Floor - Windows) - have metal security screens.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

B2010.09 Exterior Soffits*

(1960) Original Building (East Exit F2, Gymnasium 5 - Southeast Exit) - canopies have painted plywood soffits.

(1960) Original Building (East Exit F2, Southeast Exit F3, Northeast Exit F4) - overhangs have painted plywood soffits.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

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

(1960) Original Building (Stair 1, 2, 3) - have aluminum framed windows c/w hoppers. (9 windows) (modernized in 1998)
 (1960) Original Building (Main Floor - Library 3, Classroom 13, 17, 18, 20, 31, 35, Music Room 15, Staff Room 22, Administration 24, Principal 27, Work Room 30, Kitchen 33, Corridor C3) - have aluminum framed windows c/w venetian blinds in between panes and hoppers. (approx. 76 windows) (modernized in 1998)
 (1960) Original Building (Second Floor - Classroom 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 60, Resource Room 54, Science 61, Science Prep 62, Corridor C7) - have aluminum framed windows c/w venetian blinds in between panes and hoppers. (approx. 87 windows) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	JAN-13

Event: Replace aluminum windows. (approx. 172 windows)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$172,000	Unassigned

Updated: JAN-13

B2030.01.02 Steel-Framed Storefronts: Doors**

(1960) Original Building (Main Floor - North Main Entrance F1) - has metal doors and metal framed storefront. (3 doors) (installed in approx. 2007)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2007	30	JAN-13

Event: Replace metal framed storefronts and doors. (3 doors)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2037	\$6,000	Unassigned

Updated: JAN-13

B2030.01.06 Automatic Entrance Doors**

(1960) Original Building (Main Floor - North Main Entrance F1) - has handicapped door with automatic operator. (modernized in 1998)
 (1960) Original Building (Main Floor - Corridor C1 to C2) - has handicapped door with automatic operator. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace automatic entrance doors. (2 doors)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$20,000	Unassigned

Updated: JAN-13

B2030.02 Exterior Utility Doors - 1960**

(1960) Original Building (Main Floor - Mechanical Room 1) - has metal door and metal frame. (1 door)

(1960) Original Building (Main Floor - Library 3, Gymnasium 5 Southeast Exit) - have wood doors and wood frames. (2 doors)

(1960) Original Building (Main Floor - Gymnasium 5 South Exit) - has wood door and metal frame. (1 door)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1960	40	JAN-13

Event: Replace Library 3 and Gymnasium 5 exterior doors - 1960 Section. (2 doors)**Concern:**

(1960) Original Building (Main Floor - Library 3, Gymnasium 5 Southeast Exit) - have worn out wood doors, wood frames and weather strippings.

Recommendation:

Replace Library 3 and Gymnasium 5 exterior doors - 1960 Section. (2 doors)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$2,000	Low

Updated: JAN-13

Event: Replace exterior utility doors. (2 doors)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$2,000	Unassigned

Updated: JAN-13

B2030.02 Exterior Utility Doors - 2007**

(1960) Original Building (Main Floor - East Exit F2, Southeast Exit F3, Northeast Exit F4) - have metal doors and metal frames. (9 doors) (installed in approx. 2007)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2007	40	JAN-13

Event: Replace exterior utility doors. (9 doors)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2047	\$9,000	Unassigned

Updated: JAN-13

B3010.01 Deck Vapour Retarder and Insulation*

(1960) Original Building - has rigid insulation.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

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

(1960) Original Building - has SBS roofing. (approx. 2700 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	25	JAN-13

Event: Replace SBS roofing. (approx. 2700 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$675,000	Unassigned

Updated: JAN-13

B3010.07 Sheet Metal Roofing**

(1960) Original Building (Main Floor - North Main Entrance F1 Canopy) - has sheet metal roofing. (approx. 15 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	JAN-13

Event: Replace sheet metal roofing. (approx. 15 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$2,300	Unassigned

Updated: JAN-13

B3010.09 Roof Specialties and Accessories*

(1960) Original Building (Gymnasium 5 Roof to Upper Roof) - has metal cat ladder.

(1960) Original Building (Low Roof to Gymnasium 5 Roof) - has metal cat ladders.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

(1960) Original Building (Main Floor - Gym Storage 6 to Low Roof) - has metal cat ladder to metal roof hatch.

(1960) Original Building - has roof drains and vents.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

(1960) Original Building - has concrete blocks around gymnasium, stage, and stair wells

(1960) Original Building - has metal studs.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

C1010.05 Interior Windows*

(1960) Original Building (Main Floor - Computer Room 4) - has metal framed windows c/w clear glass. (modernized in 1998)

(1960) Original Building (Main Floor - Test Room 25) - has metal framed windows c/w clear glass. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C1010.06 Interior Glazed Partitions and Storefronts*

(1960) Original Building (Main Floor - Corridor C1 to C2) - has aluminum doors and aluminum framed storefront. (installed in approx. 2007)

(1960) Original Building (Main Floor - Principal 27) - has wood door and metal framed storefront. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C1010.07 Interior Partition Firestopping*

(1960) Original Building (Main Floor - Electrical Room 2) - mechanical piping through wall needs firestopping.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1960	0	JAN-13

Event: Provide firestopping for Electrical Room 2 - 1960 Section. (2 holes)**Concern:**

(1960) Original Building (Main Floor - Electrical Room 2) - mechanical piping through wall needs firestopping.

Recommendation:

Provide firestopping for Electrical Room 2 - 1960 Section. (2 holes)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Code Repair	2012	\$1,000	Low

Updated: JAN-13

C1020.01 Interior Swinging Doors (& Hardware)*

(1960) Original Building (Main Floor) - has wood doors and metal frames. (installed in approx. 2007)
 (1960) Original Building (Second Floor) - has wood doors and metal frames. (installed in approx. 2007)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C1020.03 Interior Fire Doors*

(1960) Original Building (Main Floor - Mechanical Room 1) - has metal door and metal frame.
 (1960) Original Building (Main Floor - Gym Storage 6) - has metal door and metal frame. (installed in approx. 2007)
 (1960) Original Building (Main Floor - Electrical Room 2) - has 3/4 hour fire rated metal door and metal frame. (installed in approx. 2007)
 (1960) Original Building (Main Floor - Corridor C3 to Stair 1, 2, 3) - has 3/4 hour fire rated metal doors and metal frames. (installed in approx. 2007)
 (1960) Original Building (Second Floor - Corridor C7 to Stair 1, 2, 3) - has 3/4 hour fire rated metal doors and metal frames. (installed in approx. 2007)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

C1030.01 Visual Display Boards**

(1960) Original Building (Main Floor - Library 3, Computer Room 4, Gymnasium 5, Staff Room 22, PEO 42) - have 2 whiteboards and 2 tackboards. (modernized in 1998)
 (1960) Original Building (Main Floor - Classroom 17, 18, 20, 31, 35, Music Room 15) - have 6 whiteboards, 7 blackboards and 1 tackboard. (modernized in 1998)
 (1960) Original Building (Main Floor - Corridor C2, C3) - have 8 tackboards. (modernized in 1998)
 (1960) Original Building (Second Floor - Classroom 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 60, Science 61) - have 12 whiteboards and 22 blackboards. (modernized in 1998)
 (1960) Original Building (Second Floor - Corridor C7) - has 8 tackboards. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	JAN-13

Event: Replace visual display boards. (approx. 68 boards)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$68,000	Unassigned

Updated: JAN-13

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

(1960) Original Building (Main Floor - Girls Washroom 9, 40, Boys Washroom 12, 43, Women's Washroom 37, Men's Washroom 38) - have prefinished metal toilet partitions. (17 partitions) (modernized in 1998)

(1960) Original Building (Main Floor - Staff Washroom 23) - has 1 prefinished metal shower compartment. (modernized in 1998)

(1960) Original Building (Second Floor - Girls Washroom 55, Boys Washroom 59) - have prefinished metal toilet partitions. (5 partitions) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace prefinished metal partitions and compartment. (22 partitions and 1 compartment)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$11,500	Unassigned

Updated: JAN-13

C1030.05 Wall and Corner Guards*

(1960) Original Building (Main Floor - Corridor C3) - has plastic corner guards. (modernized in 1998)

(1960) Original Building (Second Floor - Corridor C7) - has plastic corner guards. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C1030.08 Interior Identifying Devices*

All rooms have interior identifying devices.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C1030.10 Lockers**

(1960) Original Building (Main Floor - Gym Storage 6) - has prefinished single tier metal lockers. (4 lockers)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1960	30	JAN-13

Event: Replace Gym Storage 6 lockers - 1960 Section. (4 lockers)

Concern:

(1960) Original Building (Main Floor - Gym Storage 6) - prefinished single tier metal lockers are worn out.

Recommendation:

Replace Gym Storage 6 lockers - 1960 Section. (4 lockers)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$2,000	Low

Updated: JAN-13

C1030.12 Storage Shelving*

(1960) Original Building (Main Floor - Storage 16, 32) - have wood shelves. (modernized in 1998)

(1960) Original Building (Second Floor - Resource Room 54, Storage 63) - have wood shelves. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C1030.14 Toilet, Bath, and Laundry Accessories*

(1960) Original Building (Main Floor - Girls Washroom 9, 40, Boys Washroom 12, 43, Washroom 11, 14, 19, 36, Staff Washroom 23, Infirmary Washroom 29, Women's Washroom 37, Men's Washroom 38) - have toilet accessories. (modernized in 1998)

(1960) Original Building (Main Floor - Washroom 14, Staff Washroom 23) - have shower accessories. (modernized in 1998)

(1960) Original Building (Second Floor - Girls Washroom 55, Women's Washroom 56, Boys Washroom 59, Men's Washroom 58) - have toilet accessories. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C1030.17 Other Fittings* - Coat Hooks

(1960) Original Building (Main Floor - Corridor C2, C3, C4, C5) - have coat hooks. (modernized in 1998)

(1960) Original Building (Second Floor - Corridor C7) - has coat hooks. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C2010 Stair Construction*

(1960) Original Building (Main Floor - Stage 7) - has wood stairs c/w carpet treads, rubber nosing and wood handrails. (3 stairs) (modernized in 1998)

(1960) Original Building (Main Floor to Second Floor - Stair 1, 2, 3) - are concrete stairs c/w rubber sheet treads, rubber nosing and metal pipe handrails. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

C2020.05 Resilient Stair Finishes**

(1960) Original Building (Main Floor to Second Floor - Stair 1, 2, 3) - are concrete stairs c/w rubber sheet treads, rubber nosing and metal pipe handrails. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	JAN-13

Event: Replace resilient stair finishes. (3 stairs)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$6,000	Unassigned

Updated: JAN-13

C2020.06 Carpet Stair Finishes**

(1960) Original Building (Main Floor - Stage 7) - has wood stairs c/w carpet treads, rubber nosing and wood handrails. (3 stairs) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	10	JAN-13

Event: Replace carpet stair finishes. (3 stairs)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$3,000	Unassigned

Updated: JAN-13

C2020.08 Stair Railings and Balustrades*

(1960) Original Building (Main Floor - Stage 7) - has wood stairs c/w carpet treads, rubber nosing and wood handrails. (3 stairs) (modernized in 1998)

(1960) Original Building (Main Floor to Second Floor - Stair 1, 2, 3) - are concrete stairs c/w rubber sheet treads, rubber nosing and metal pipe handrails. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C2030 Interior Ramps*

(1960) Original Building (Main Floor - Corridor C2 to Gymnasium 5) - has wood ramp c/w rubber sheet finish. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C3010.02 Wall Paneling**

(1960) Original Building (Main Floor - Quiet Room 34) - has fibreglass wall paneling. (approx. 5 square metres) (modernized in 1998)

(1960) Original Building (Main Floor - Library 3, Corridor C1, C2) - have wood wall paneling. (approx. 50 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace wall paneling. (approx. 55 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$5,500	Unassigned

Updated: JAN-13

C3010.06 Tile Wall Finishes**

(1960) Original Building (Main Floor - Janitor 10) - has ceramic wall tiles behind sink. (approx. 2 square metres) (modernized in 1998)
 (1960) Original Building (Main Floor - Boys Washroom 12, 43) - have ceramic wall tiles behind urinals. (approx. 10 square metres) (modernized in 1998)
 (1960) Original Building (Main Floor - Washroom 14) - has ceramic wall tiles. (approx. 10 square metres) (modernized in 1998)
 (1960) Original Building (Second Floor - Boys Washroom 59) - has ceramic wall tiles behind urinals. (approx. 5 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	JAN-13

Event: Replace tile wall finish. (approx. 27 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$2,700	Unassigned

Updated: JAN-13

C3010.11 Interior Wall Painting*

(1960) Original Building - has painted concrete blocks. (modernized in 1998)
 (1960) Original Building - has painted gypsum board wall finish. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1998	0	JAN-13

Event: Repair and repaint Music Room 15, Administration 24 and Office 26 walls - 1960 Section. (approx. 15 square metres)

Concern:

(1960) Original Building (Main Floor - Music Room 15, Administration 24, Office 26) - have damaged gypsum board walls above windows.

Recommendation:

Repair and repaint Music Room 15, Administration 24 and Office 26 walls - 1960 Section. (approx. 15 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Repair	2012	\$1,000	Low

Updated: JAN-13

C3010.12 Wall Coverings*

(1960) Original Building (Main Floor - Classroom 13, 17, 18, 20, 31, 35) - have gypsum wall boards with vinyl finish. (modernized in 1998)
 (1960) Original Building (Second Floor - Classroom 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 60, Science 61) - have gypsum wall boards with vinyl finish. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

C3010.14 Other Wall Finishes* - Face Brick

(1960) Original Building (Main Floor - Mechanical Room 1) - has face brick.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

C3020.01.02 Painted Concrete Floor Finishes*

(1960) Original Building (Main Floor - Mechanical Room 1, Gym Storage 6) - have unpainted concrete floor.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

C3020.02 Tile Floor Finishes**

(1960) Original Building (Main Floor - Washroom 14) - has quarry tile flooring. (approx. 10 square metres) (modernized in 1998)

(1960) Original Building (Main Floor - partial Boys Washroom 12, 43) - have mosaic tile flooring in front of urinals. (approx. 10 square metres) (modernized in 1998)

(1960) Original Building (Second Floor - partial Boys Washroom 59) - has mosaic tile flooring in front of urinals. (approx. 5 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	50	JAN-13

Event: Replace tile flooring. (approx. 25 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2048	\$2,500	Unassigned

Updated: JAN-13

C3020.04 Wood Flooring**

(1960) Original Building (Main Floor - Gymnasium 5, Stage 7) - have wood strip flooring. (approx. 445 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace wood flooring. (approx. 445 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$111,000	Unassigned

Updated: JAN-13

C3020.07 Resilient Flooring**

(1960) Original Building (Main Floor - Washroom 36, Women's Washroom 37, Men's Washroom 38) - have vinyl tile flooring. (approx. 15 square metres) (modernized in 1998)

(1960) Original Building (Main Floor - Electrical Room 2, Janitor 10, 39, partial Classroom 13, 17, 18, 20, 31, Storage 16, 21, 32, partial Staff Room 22, Infirmary 28, Work Room 30, Kitchen 33, Quiet Room 34, Janitor's Office 41, PEO 42, Girls Washroom 9, 40, partial Boys Washroom 12, 43, Washroom 11, 19, Staff Washroom 23, Infirmary Washroom 29, Corridor C1, C2, C3, C4, C5, C6) - have sheet vinyl flooring. (approx. 790 square metres) (modernized in 1998)

(1960) Original Building (Second Floor - partial Classroom 44, 45, 46, 48, 49, 50, 51, 52, 53, 60, Resource Room 54, Janitor 57, Science 61, Science Prep 62, Storage 63, Girls Washroom 55, Women's Washroom 56, partial Boys Washroom 59, Men's Washroom 58, Corridor C7, C8, C9) - have sheet vinyl flooring. (approx. 650 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	JAN-13

Event: Replace Boys Washroom 12 and 59 resilient flooring - 1960 Section. (approx. 10 square metres)

Concern:

(1960) Original Building (Main Floor - partial Boys Washroom 12) - has damaged sheet vinyl flooring. (approx. 5 square metres)

(1960) Original Building (Second Floor - partial Boys Washroom 59) - has damaged sheet vinyl flooring. (approx. 5 square metres)

Recommendation:

Replace Boys Washroom 12 and 59 resilient flooring - 1960 Section. (approx. 10 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$1,000	Low

Updated: JAN-13

Event: Replace resilient flooring. (approx. 1445 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$144,500	Unassigned

Updated: JAN-13

C3020.08 Carpet Flooring**

(1960) Original Building (Main Floor - Library 3, Computer Room 4, partial Classroom 13, 17, 18, 20, 31, Music Room 15, Classroom 35, partial Staff Room 22, Administration 24, Test Room 25, Office 26, Principal 27) - have carpet flooring. (approx. 810 square metres) (modernized in 1998)

(1960) Original Building (Second Floor - partial Classroom 44, 45, 46, 48, 49, 50, 51, 52, 53, 60, Classroom 47) - have carpet flooring. (approx. 640 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1998	15	JAN-13

Event: Clean Classroom 50 and 51 carpet flooring - 1960 Section. (approx. 105 square metres)

Concern:

(1960) Original Building (Second Floor - partial Classroom 50, 51) - have stained carpet flooring.

Recommendation:

Clean Classroom 50 and 51 carpet flooring - 1960 Section. (approx. 105 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Preventative Maintenance	2012	\$5,250	Low

Updated: JAN-13

Event: Replace Classroom 12, 31 and 48 carpet flooring - 1960 Section. (approx. 145 square metres)

Concern:

(1960) Original Building (Main Floor - partial Classroom 13, 31) - have rippled carpet flooring. (approx. 140 square metres)

(1960) Original Building (Second Floor - partial Classroom 48) - has damaged carpet flooring. (approx. 5 square metres)

Recommendation:

Replace Classroom 12, 31 and 48 carpet flooring - 1960 Section. (approx. 145 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$14,500	Low

Updated: JAN-13

Event: Replace carpet flooring. (approx. 1310 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$131,000	Unassigned

Updated: JAN-13

C3030.01 Concrete Ceiling Finishes (Unpainted)*

(1960) Original Building (Main Floor - Mechanical Room 1) - has concrete T-slab ceiling.

(1960) Original Building (Main Floor - Electrical Room 2, Storage 16, 21, 32) - have concrete ceiling.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

(1960) Original Building (Main Floor - Library 3, Computer Room 4, Stage 7, Janitor 10, 39, Classroom 13, 17, 18, 20, 31, 35, Music Room 15, Staff Room 22, Administration 24, Test Room 25, Office 26, Principal 27, Infirmary 28, Work Room 30, Kitchen 33, Quiet Room 34, Janitor's Office 41, PEO 42, Girls Washroom 9, 40, Boys Washroom 12, 43, Washroom 11, 14, 19, 36, Staff Washroom 23, Infirmary Washroom 29, Women's Washroom 37, Men's Washroom 38, Corridor C1, C2, C3, C4, C5, C6, Stair 1, 2, 3) - have suspended T-bar ceiling system c/w acoustic ceiling tiles. (approx. 1700 square metres) (modernized in 1998)

(1960) Original Building (Second Floor - Classroom 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 60, Resource Room 54, Janitor 57, Science 61, Science Prep 62, Storage 63, Girls Washroom 55, Women's Washroom 56, Boys Washroom 59, Men's Washroom 58, Corridor C7, C8, C9) - have suspended T-bar ceiling system c/w acoustic ceiling tiles. (approx. 1275 square metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	25	JAN-13

Event: Replace ceiling tiles - 1960 Section. (approx. 50 tiles)**Concern:**

Ceiling tiles are stained, missing or worn out.

Recommendation:

Replace ceiling tiles - 1960 Section. (approx. 50 tiles)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$1,000	Low

Updated: JAN-13

Event: Replace suspended T-bar ceiling system. (approx. 2975 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$223,200	Unassigned

Updated: JAN-13

C3030.07 Interior Ceiling Painting*

(1960) Original Building (Main Floor - Gymnasium 5) - has painted precast concrete T-slab and fibreboard ceiling tiles.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

C3030.09 Other Ceiling Finishes* - Fibreboard Ceiling Tiles

(1960) Original Building (Main Floor - Gym Storage 6) - has fibreboard ceiling tiles.

(1960) Original Building (Main Floor - Gymnasium 5) - has painted precast concrete T-slab and fibreboard ceiling tiles.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1960	0	JAN-13

Event: Replace Gymnasium 5 fibreboard ceiling tiles - 1960 Section. (approx. 15 square metres)**Concern:**

(1960) Original Building (Main Floor - Gymnasium 5) - has damaged and missing fibreboard ceiling tiles.

Recommendation:

Replace Gymnasium 5 fibreboard ceiling tiles - 1960 Section. (approx. 15 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$1,000	Low

Updated: JAN-13

D1010.01.01 Electric Traction Passenger Elevators**

(1960) Original Building (Main Floor to Stage and Second Floor - Elevator 8) - has electric traction elevator. (Manufacturer: RAM; Capacity: 1000 lbs. (2 persons and wheelchair); fibreglass wall panels, rubber sheet flooring, fibreglass ceiling, glazed steel door) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace elevator. (1 elevator)

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

Updated: JAN-13

S4 MECHANICAL**D2010.04 Sinks** - 1998 Modernization**

The school has the following sinks:

- Six Aristaline S.S. 316 stainless steel, counter top mounted, single compartment sinks complete with gooseneck spout and mixing faucets.
- Eighteen Aristaline S.S. 316 stainless steel, counter top mounted, single compartment sinks complete with gooseneck spout, mixing faucets and drinking fountains.
- Two Aristaline stainless steel, counter top mounted, double compartment sinks complete with swing spout and mixing valve.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace 20 sinks

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$15,000	Unassigned

Updated: JAN-13

D2010.04 Sinks - Mop sinks**

Two wall hung, steel, mop sinks complete with swing spout and metering faucet.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
2 - Poor	1960	30	JAN-13

Event: Replace two mop sinks.**Concern:**

Both sinks show signs of corrosion, leaking and should be replaced.

Recommendation:

Replace two cast iron mop sinks with floor mounted, mop service basins.

Consequences of Deferral:

Eventual complete unuseability of the fixtures.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$5,000	Medium

Updated: JAN-13

D2010.05 Showers**

One walk in, metal stall shower complete with vandal resistant shower heads, and mixing valve.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace one shower

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$3,000	Unassigned

Updated: JAN-13

D2010.08 Drinking Fountains/Coolers**

There are three double, vitreous china, wall hung drinking fountains.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	35	JAN-13

Event: Replace three wall mounted drinking fountains.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$5,000	Unassigned

Updated: JAN-13

D2010.09 Other Plumbing Fixtures*

One non-freeze hose bib providing water to the outside of the School.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

The School's Washrooms are equipped with the following fixtures:

- Twenty-five Aristaline vanity top mounted, oval, stainless steel lavatories complete with push valve faucet.
- Nineteen Elijer, floor mounted, vitreous china, low consumption water closets complete with flush valves.
- Five Elijer vitreous china, floor mounted, close coupled, flush tank water closets.
- One American Standard, vitreous china, floor mounted, close coupled, low consumption flush tank water closet.
- Two vitreous china, floor mounted, stall type flush valve urinal by Elijer.
- Fourteen vitreous china, floor mounted, top inlet Canadian Pother flush tank urinals.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	35	JAN-13

Event: Replace 25 water closets, 25 lavs & 16 urinals.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$65,000	Unassigned

Updated: JAN-13

D2020.01.01 Pipes and Tubes: Domestic Water*

Domestic water runs in copper pipes with solder joints & fittings. No signs of leaks or corrosion.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

D2020.01.02 Valves: Domestic Water**

Mainly Ball & Gate valves - isolation service.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	40	JAN-13

Event: Replace 60 valves.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$12,000	Unassigned

Updated: JAN-13

D2020.01.03 Piping Specialties (Backflow Preventers)**

Backflow prevention valve on feeder line to boiler, 3/4" Watts regulator model QT.

Potable water system does not have a rated backflow valve. EPCOR will in the future require this valve to be installed

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1999	20	JAN-13

Event: Replace backflow preventor on boiler feed line (1).

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2019	\$1,500	Unassigned

Updated: JAN-13

D2020.02.02 Plumbing Pumps: Domestic Water**

The domestic hot water is circulated through the school by a Grundfos Type FS type 115V single phase circulation pump.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1999	20	JAN-13

Event: Replace domestic hot water recirculation pump. (1 pump)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2019	\$2,500	Unassigned

Updated: JAN-13

D2020.02.06 Domestic Water Heaters**

State Select model SBF75120NECGAD, 75 gallon capacity, with an input of 108,000 BTUH and a recovery of 102.08 gallon per hour.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1999	20	JAN-13

Event: Domestic one domestic water heater.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2019	\$5,000	Unassigned

Updated: JAN-13

D2020.03 Water Supply Insulation: Domestic*

Domestic water supply lines are insulated throughout the school with preformed fibreglass pipe insulation.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D2030.01 Waste and Vent Piping*

PVC and ABS piping system throughout the school. Each fixture vented to atmosphere. Traps are provided where necessary. Sanitary drainage effluent is collected into common 6" sanitary main. Flows by gravity @ 1% slope, leaving the building to the North.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D2030.02.04 Floor Drains*

Mostly conventional, general purpose floor drains throughout building.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

D2040.01 Rain Water Drainage Piping Systems*

Roof drains are connected to the storm line providing the School's storm drainage to the North, the storm line connects to the municipal storm main.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

D2040.02.04 Roof Drains*

Zurn 4" roof drains with cast iron strainers connected to School's main storm water drainage. Insulated to 3.0 meters of roof penetration.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1998	0	JAN-13

Event: Clean Gymnasium 5 roof drains-1960 Section. (2 drains)**Concern:**

(1960) Original Building (Gymnasium 5 Roof)-roof drains are blocked

Recommendation:

Clean Gymnasium 5 roof drains-1960 Section. (2 drains)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Preventative Maintenance	2012	\$1,000	Low

Updated: JAN-13

D3010.02 Gas Supply Systems*

2" gas supply line enters the Mechanical Room from the North, connecting to boilers and domestic water heater. Mainly schedule 40 steel piping with threaded fittings.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

One American Standard series 3B-J2, cast iron, sectional boiler complete with low water cutoff, expansion tank and remote alarm system. The boiler has an input and output capacities of 4,160,000 BUTH and 3,328,000 BTUH.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	35	JAN-13

Event: Replace one hot water boiler with two new ones.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$120,000	Unassigned

Updated: JAN-13

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

Common vent serves the one boiler and one domestic water heater. Combustion air is adequate size and discharges to a spillbox that is complete with a unit heater.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	35	JAN-13

Event: Replace Chimney & Comb. Air system (B.O.E.: 5 M length).

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$15,000	Unassigned

Updated: JAN-13

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

Chemical pot feeder.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

D3040.01.01 Air Handling Units: Air Distribution - Mechanical Room**

School has two air handling units located in the Mechanical Room. AHU-1 provides ventilation to the core of the School, it is a Dunham Bush model HII-64 complete with a supply air fan powered by a 7.5hp @ 1,710 rpm Super E motor EM370T. AHU-1 does not have ducted return air, instead uses the adjacent wall with the Corridor to return air. AHU-2 supplies air to the Gymnasium via galvanized ductwork, the return air is returned via galvanized steel ductwork. Both air handling units mix outside air with return air, use glycol air coil to heat up the air and are equipped with an Edwards smoke detector connected to an alarm system.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	30	JAN-13

Event: Replace two Air Handling Units.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$200,000	Unassigned

Updated: JAN-13

D3040.01.01 Air Handling Units: Air Distribution - Roof Top Unit**

One Scott Springfield model HQ-45 AHU-3000 complete with a supply air fan SISW-PLN with a 3hp @ 1,609 rpm motor capable of supplying 3009 CFM of air, and a return air fan SISW-PLN with a 1hp @ 1,192 rpm capable of returning 2,861 CFM of air. Unit mixes fresh air with return air to provide ventilation to Library and Computer Room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace rooftop Air Handling unit.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$50,000	Unassigned

Updated: JAN-13

D3040.01.03 Air Cleaning Devices: Air Distribution*

Standard replaceable medium filters are used in both air handling units, changed on regular intervals.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

D3040.01.04 Ducts: Air Distribution*

School is equipped with low velocity, galvanized steel supply air ducts throughout. The school does not have any return air ducts and uses the hallways as a return air plenum. Office and Classrooms do not have transfer air grilles on the doors and need to have doors open to provide ventilation. Return air plenum is located in the Mechanical Room wall - complete with return air grille - near the Front Entrance.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

D3040.01.07 Air Outlets & Inlets: Air Distribution*

Standard square diffusers provide ventilation to the School, typical of all rooms. The supply air to the Gymnasium is provided via egg crate grilles.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D3040.03.01 Hot Water Distribution Systems**

Insulated copper piping distribution to perimeter radiation in the Classrooms, force flow heaters, combustion air unit heater and glycol heat exchanger.

Heating water supply, is pumped through the system via two circulating pumps.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	JAN-13

Event: Replace Hot Water Distribution System (B.O.E.: 3855 Sq.M. GFA)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$300,000	Unassigned

Updated: JAN-13

D3040.03.04 Glycol Systems*

Glycol is circulated to the air handling units via an Armstrong 2x2x6 4380 pump powered by a US motors 1hp @ 1,750 rpm. The glycol system is complete with a glycol expansion tank.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D3040.04.01 Fans: Exhaust**

Server Room is complete with one Penn Zephyr model Z10S/HRA exhaust fan with a reverse acting thermostat. Roof mounted fans provide ventilation to all of the School's Washrooms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace 6 exhaust fans

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$12,000	Unassigned

Updated: JAN-13

D3040.04.03 Ducts: Exhaust*

Low velocity exhaust air ductwork to roof and ceiling mounted fans. All ducts insulated with 25mm thermal insulation.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D3040.04.05 Air Outlets and Inlets: Exhaust*

Standard egg crate grilles are provided to exhaust air ducts, grilles are in acceptable condition.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D3040.05 Heat Exchangers**

An Armstrong model W-128-412-1 shell & tube heat exchanger is used to generate heated glycol for the air handling units.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace Glycol Heat Exchanger (1)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$10,000	Unassigned

Updated: JAN-13

D3050.05.02 Fan Coil Units**

Ceiling mounted force flow heaters in entrance vestibules.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace 4 Fan Coil Units

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$8,000	Unassigned

Updated: JAN-13

D3050.05.03 Finned Tube Radiation**

Perimeter heating is provided throughout the whole school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	JAN-13

Event: Replace 100 m of Finned Tube Radiation

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$25,000	Unassigned

Updated: JAN-13

D3060.02.01 Electric and Electronic Controls**

Line voltage control of Force Flow heaters.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	30	JAN-13

Event: Replace Force Flow control systems (4 devices).

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$3,000	Unassigned

Updated: JAN-13

D3060.02.02 Pneumatic Controls**

Heating system controls throughout the school connected to a Quincy simplex air compressor.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	40	JAN-13

Event: Replace Building pneumatic control system. (B.O.E.: 3855 Sq.M. GFA).

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$50,000	Unassigned

Updated: JAN-13

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

Heating & Ventilation system controls throughout the school are connected to a Barber Coleman Network 8000 DDC system.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	20	JAN-13

Event: Replace building DDC system. (B.O.E.: 3855 Sq.M. GFA).

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$55,000	Unassigned

Updated: JAN-13

D4030.01 Fire Extinguisher, Cabinets and Accessories*

Standard 5 & 10 lb. Multi-Purpose, dry Chemical Fire Extinguishers throughout the School. Regularly checked. Install date estimated.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

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

Power to the school is provided from a utility-owned, pole mounted transformer located on the north side of the school, off school property.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

The main MDP was changed out in the 1998 during the electrical modernization it is now a Siemens 500 Amp 120/208 Volt 3 Phase 4 Wire System c/w a Integral surge suppressor.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	40	JAN-13

Event: Replace Main Electrical Switchboard

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2038	\$50,000	Unassigned

Updated: JAN-13

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

There were new Siemens Panel Boards installed in 1998 during the modernization with the older Bulldog Panels being upgraded.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	JAN-13

Event: Replace 6 Electrical Branch Panelboards

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$30,000	Unassigned

Updated: JAN-13

D5010.07.02 Motor Starters and Accessories**

The motor starters consist of Allen-Bradley and Electric Power and are located near the motors they serve.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	JAN-13

Event: Replace 8 Motor Starters

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$8,000	Unassigned

Updated: JAN-13

D5020.01 Electrical Branch Wiring*

The branch circuit wiring consists of EMT piping c/w wire and Armored cable

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	MAR-08

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

The lighting controls are line voltage switching.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D5020.02.02.01 Interior Incandescent Fixtures*

There are seventeen incandescent fixtures in the school.these are 60 and 100 watt fixtures.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D5020.02.02.02 Interior Fluorescent Fixtures**

The interior florescent fixtures were up-graded during the 1998 modernization and are complete with T8 lamps and electronic ballasts.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	30	JAN-13

Event: Replace 580 Interior Florescent Fixtures

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2028	\$200,000	Unassigned

Updated: JAN-13

D5020.02.02.03 Interior Metal Halide Fixtures*

The gymnasium has 36 Metal Halide fixtures installed in it.These fixtures are 250 watts each.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-08

D5020.02.03.02 Emergency Lighting Battery Packs**

The emergency light battery packs are both Lumacell and Emergi-Lite

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	20	JAN-13

Event: Replace 20 Emergency Lighting Battery Packs

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$20,000	Unassigned

Updated: JAN-13

D5020.02.03.03 Exit Signs*

The exit lights are by Lumacell, and are of the LED type.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	JAN-13

D5020.03.01.04 Exterior H.P. Sodium Fixtures*

There are 250 Watt HPS lights illuminating each point of egress from the building.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

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

The exterior lighting control is a Photo Electric Cell mounted on the roof.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

D5030.01 Detection and Fire Alarm**

The fire alarm system is an Edwards 6616 c/w audio/visual signaling devices, smoke detectors and manual pull stations.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	25	JAN-13

Event: Replace Fire Alarm: 3,500 Sq. m. GFA

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$90,000	Unassigned

Updated: JAN-13

D5030.02.02 Intrusion Detection**

The security system was replaced in 1998 with a Magnum Alert 3000 c/w Magnum Alert keypads in the office,boiler room and custodial office.

There is also motion sensors located through out the school.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	25	JAN-13

Event: **Replace Intrusion Detection System: 3,500 Sq. m. GFA**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2023	\$45,000	Unassigned

Updated: JAN-13

D5030.03 Clock and Program Systems*

The clocks are through the Bogen Multicom 2000 system.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-08

D5030.04.01 Telephone Systems*

The telephone system is A Nortel Meridian System with Meridian handsets in each classroom.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-08

D5030.04.04 Data Systems*

Cat 5 data cabling has been provided throughout the school. Data outlets have been provided in each classroom and the administration areas.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	JAN-13

D5030.04.05 Local Area Network Systems*

The network system is Alberta Supernet by Bell

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	0	MAR-08

D5030.05 Public Address and Music Systems**

The public address system is a Bogen Multicom 2000 located in the main office.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1998	20	JAN-13

Event: Replace Public Address and Music Systems: 3,500 sq. m GFA

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2018	\$75,000	Unassigned

Updated: JAN-13

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

(1960) Original Building (Main Floor - Library 3) - has wood book selves, metal magazine racks and computer stations. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

E1020.03 Theatre and Stage Equipment*

(1960) Original Building (Main Floor - Stage 7) - has stage curtains and track. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

E1020.05 Audiovisual Equipment*

(1960) Original Building (Main Floor - Library 3, Computer Room 4, Gymnasium 5, Staff Room 22) - have 4 projection screens. (modernized in 1998)

(1960) Original Building (Main Floor - Classroom 31, Music Room 15) - have 2 projection screens. (modernized in 1998)

(1960) Original Building (Second Floor - Classroom 47, 53, Science 61) - have 3 projection screens. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

E1020.07 Laboratory Equipment*

(1960) Original Building (Main Floor - Mechanical Room 1) - has eye wash station. (modernized in 1998)

(1960) Original Building (Second Floor - Science 61) - has eye wash station. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

E1090.04 Residential Equipment*

(1960) Original Building (Main Floor - Classroom 13, 17, 18) - have fridges and microwave. (modernized in 1998)

(1960) Original Building (Main Floor - Staff Room 22) - has fridge, microwaves and dishwasher. (modernized in 1998)

(1960) Original Building (Main Floor - Infirmary 28) - has fridge. (modernized in 1998)

(1960) Original Building (Main Floor - Kitchen 33) - has fridges, range, microwave, dishwasher, washer and dryer. (modernized in 1998)

(1960) Original Building (Second Floor - Resource Room 54) - has fridge. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

E1090.07 Athletic, Recreational, and Therapeutic Equipment*

(1960) Original Building (Main Floor - Gymnasium 5) - has sliding basketball backstop, side folding basketball backstop, 2 wall mounted basketball backstops, Canadian Climber and scoreboard. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

E2010.02 Fixed Casework - Display Cases**

(1960) Original Building (Main Floor - Corridor C2, C3) - have display cases. (approx. 4 linear metres) (modernized in 1998)

(1960) Original Building (Second Floor - Corridor C7) - has display case. (approx. 2 linear metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	35	JAN-13

Event: Replace display cases. (approx. 6 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$6,000	Unassigned

Updated: JAN-13

E2010.02 Fixed Casework - Millwork**

(1960) Original Building (Main Floor - Classroom 13, 17, 18, 20, 31, 35, Music Room 15, Staff Room 22, Administration 24, Infirmary 28, Work Room 30, Kitchen 33) - have millwork. (approx. 60 linear metres) (modernized in 1998)

(1960) Original Building (Second Floor - Classroom 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 60, Resource Room 54, Science 61, Science Prep 62, Storage 63) - have millwork. (approx. 50 linear metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1998	35	JAN-13

Event: Replace Classroom 48 millwork - 1960 Section. (approx. 5 linear metres)

Concern:

(1960) Original Building (Second Floor - Classroom 48) - has damaged millwork.

Recommendation:

Replace Classroom 48 millwork - 1960 Section. (approx. 5 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$5,000	Low

Updated: JAN-13

Event: Replace millwork. (approx. 105 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$105,000	Unassigned

Updated: JAN-13

E2010.02 Fixed Casework - Reception Counters**

(1960) Original Building (Main Floor - Library 3, Administration 24) - have reception counters. (approx. 10 linear metres)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	35	JAN-13

Event: Replace reception counters. (approx. 10 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$10,000	Unassigned

Updated: JAN-13

E2010.02 Fixed Casework - Vanities**

(1960) Original Building (Main Floor - Girls Washroom 9, 40, Boys Washroom 12, 43, Washroom 11, 14, Staff Washroom 23, Women's Washroom 37, Men's Washroom 38) - have plastic laminated vanities. (approx. 17 linear metres) (modernized in 1998)

(1960) Original Building (Second Floor - Girls Washroom 55, Women's Washroom 56, Boys Washroom 59, Men's Washroom 58) - have plastic laminated vanities. (approx. 7 linear metres) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	35	JAN-13

Event: Replace vanities. (approx. 24 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2033	\$24,000	Unassigned

Updated: JAN-13

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

(1960) Original Building (Main Floor - North Main Entrance F1 to Parking lot and Sidewalk) - has barrier free route.
 (1960) Original Building (Main Floor - Northeast Exit F4 to Parking lot and Sidewalk) - has barrier free route.
 (1960) Original Building (Main Floor - East Exit F2, Southeast Exit F3 to Rear Parking lot) - have barrier free routes.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

K4010.02 Barrier Free Entrances*

(1960) Original Building (Main Floor - North Main Entrance F1) - has handicapped door with automatic operator. (modernized in 1998)
 (1960) Original Building (Main Floor - Corridor C1 to C2) - has handicapped door with automatic operator. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

K4010.03 Barrier Free Interior Circulation*

Building corridors are wide enough for wheelchairs.
 (1960) Original Building (Main Floor - Corridor C2 to Gymnasium 5) - has wood ramp c/w rubber sheet finish. (modernized in 1998)
 (1960) Original Building (Main Floor to Stage and Second Floor - Elevator 8) - has electric traction elevator. (Manufacturer: RAM; Capacity: 1000 lbs. (2 persons and wheelchair); fibreglass wall panels, rubber sheet flooring, fibreglass ceiling, glazed steel door) (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

K4010.04 Barrier Free Washrooms*

(1960) Original Building (Main Floor - Girls Washroom 40, Boys Washroom 43) - have handicapped cubicles. (modernized in 1998)
 (1960) Original Building (Main Floor - Washroom 14, 36) - are handicapped washrooms. (modernized in 1998)
 (1960) Original Building (Main Floor - Washroom 14) - is a handicapped shower. (modernized in 1998)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1998	0	JAN-13

K4030.01 Asbestos*

An asbestos survey was completed for Edmonton Public Schools.
 HAZMAT Reports prepared by PHH Environmental Limited .
 Asbestos not detected.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

K4030.02 PCBs*

No PCBs were observed or reported.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

K4030.04 Mould*

No mould was observed or reported.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

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

No ozone depleting substances were observed or reported.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

K4030.09 Other Hazardous Materials*

No other hazardous materials was observed.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1960	0	JAN-13

K5010.01 Site Documentation*

Prime Consultant Name - Francis Ng Architect Ltd.

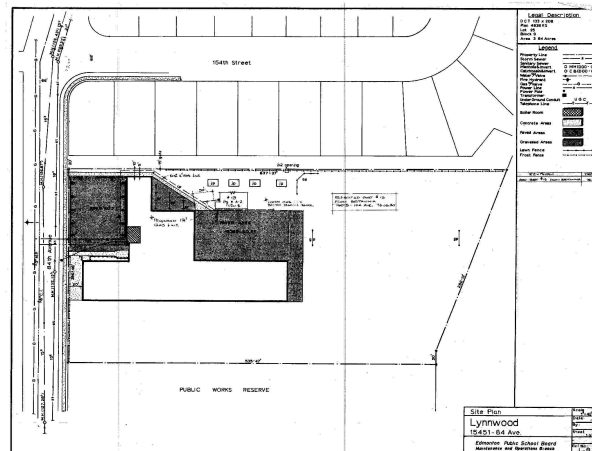
Date of Site Visit: August 17, 2012

(1960) Original Building - 3855.0 square metres.

Total building area is 3855.0 square metres.

Drawing attached - Site Plan.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2012	0	JAN-13



Site Plan.

K5010.02 Building Documentation*

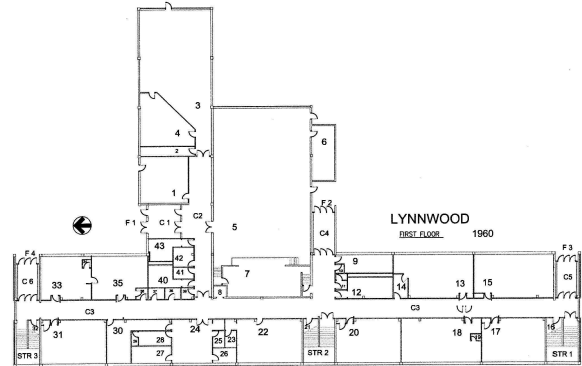
Prime Consultant Name - Francis Ng Architect Ltd.
 Date of Site Visit: August 17, 2012

(1960) Original Building - 3855.0 square metres.

Total building area is 3855.0 square metres.

Drawings attached - Floor Plans.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2012	0	JAN-13



Main Floor Plan.