

RECAPP Facility Evaluation Report

Edmonton School District No. 7



Old Scona Academic High School

B3235A
Edmonton

Facility Details

Building Name: Old Scona Academic High S
Address: 10523 - 84 Avenue
Location: Edmonton

Building Id: B3235A
Gross Area (sq. m): 2,971.00
Replacement Cost: \$9,525,000
Construction Year: 1907

Evaluation Details

Evaluation Company: Francis Ng Architect Ltd.
Evaluation Date: August 22 2012
Evaluator Name: Francis Ng

Total Maintenance Events Next 5 years: **\$791,900**
5 year Facility Condition Index (FCI): **8.31%**

General Summary:

Old Scona Academic High School for Grade 10 through Grade 12 was originally built in Edmonton in 1907. School faces three public roads - 105 Street on the east, 84 Avenue on the north, 106 Street on the west and a service lane on the south. It is under the jurisdiction of Edmonton School District No.7.

The original 2967.0 square metres building was built in 1907. The total building area is 2967.0 square metres.

Asbestos abatement was done in 1992.

(1907) Original Building was modernized in 1996.

(1907) Original Building (front Dome) - has sheet metal roofing. (replaced in 2002)

(1907) Original Building (Second Floor - Library 204) - has roll-up blinds. (installed in 2010)

(1907) Original Building (Basement to Main Floor - Stair 1, 2) - wood stairs have carpet treads. (installed in 2012)

(1907) Original Building (Basement - Corridor C1, C2) - have carpet flooring. (installed in 2012)

ABC Group A Division 2 - School. The 1907 Original Building is 4 storeys, has combustible and non-combustible construction and has sprinkler system in the Basement.

Structural Summary:

(1907) Original Building - Typical has concrete foundation walls on concrete strip footings along perimeter and under interior loadbearing walls; Basement has concrete slab on grade; Main Floor, Second Floor and Third Floor have plywood subfloor on wood joists supported by masonry walls. Exterior has brick masonry walls; Roof has plywood sheathing on wood trusses supported by masonry walls.

Recommendations for future action: not required.

Overall structural system rating is acceptable.

Envelope Summary:

(1907) Original Building - has SBS roofing, wood shingles, built-up roofing, sheet metal roofing, face bricks, stone masonry, wood entrance doors, wood windows; metal utility doors and metal frames; wood utility doors and frames.

Recommendations for future action: replace wood windows; repair exterior utility door; replace sheet metal roofing; repair downspout; replace metal framed skylight.

Overall envelope system rating is acceptable.

Interior Summary:

(1907) Original Building - Classrooms have suspended T-bar ceiling system c/w acoustic ceiling tiles, painted plaster wall finish and painted gypsum wall board, vinyl tile flooring and carpet flooring; Corridors have painted plaster ceiling, painted plaster wall finish and carpet flooring; Administration area has suspended T-bar ceiling system c/w acoustic ceiling tiles; painted plaster ceiling, painted gypsum wall board and wood strip flooring; Washrooms have suspended T-bar ceiling system c/w acoustic ceiling tiles, ceramic wall tiles and epoxy flooring; Mechanical room has painted plaster ceiling, face brick walls, painted concrete flooring; wood doors and wood frames; whiteboards, tackboards and projection screens.

Recommendations for future action include: replace wood doors and frames; replace wall tile finishes; repaint interior

walls; replace wall covering; repaint concrete flooring; replace carpet flooring; repaint interior ceiling; replace millwork.

Overall interior system rating is acceptable.

Mechanical Summary:

The mechanical system is comprised of (2) new Raypak hot water boilers for perimeter heat around each floor of the building, and (3) air systems for ventilation. The main air unit in the basement handles all floors except for the top floor, of which two air systems with a cooling DX coil provides ventilation. The condensing units are located on the ground outside of the building. An AO Smith domestic hot water heater provides potable water heating. Sprinklers are only installed in the basement.

Most of the mechanical systems have been upgraded in this building: heating plant, heating distribution , ventilation, and the plumbing fixtures. However controls need to be upgraded.

The mechanical systems are generally in acceptable (4) condition.

Electrical Summary:

208v (3) phase, 600 amp power service is provided for the building to a Siemens main distribution center with several sub-panels throughout. The lighting has been upgraded to T8 lamps . An Edwards fire alarm system is installed with strobes, and a Magna Alert security system.

Generally the electrical systems 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* - 1907 Section**

(1907) Original Building - may have concrete foundation walls on concrete strip footings along perimeter and under interior loadbearing walls; interior concrete posts on concrete pads.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

A1030 Slab on Grade* - 1907 Section

(1907) Original Building (Basement) - has concrete slab on grade.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

A2020 Basement Walls (& Crawl Space)* - 1907 Section

(1907) Original Building (Basement) - has concrete walls and brick masonry walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1010.01 Floor Structural Frame (Building Frame)* - 1907 Section

(1907) Original Building (Main Floor, Second Floor, Third Floor) - have brick masonry walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1010.02 Structural Interior Walls Supporting Floors (or Roof)* - 1907 Section

(1907) Original Building (Main Floor, Second Floor, Third Floor) - have brick masonry walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1010.03 Floor Decks, Slabs, and Toppings* - 1907 Section

(1907) Original Building (Basement) - has concrete slab on grade.

(1907) Original Building (Main Floor, Second Floor, Third Floor) - have plywood subfloor on wood joists.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1010.07 Exterior Stairs* - 1907 Section

(1907) Original Building (Main Floor - West Exit F2) - has concrete stairs c/w stone handrails. (replaced in 1993)
 (1907) Original Building (Main Floor - North Main Entrance F1) - has concrete stairs c/w stone handrails. (replaced in 1994)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1993	0	JAN-13

B1010.07 Exterior Stairs* - 1907 Section

(1907) Original Building (Main Floor - East Exit F3) - has concrete stairs c/w stone handrails.
 (1907) Original Building (south side) - has two exterior steel stairs with steel landing platforms.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1010.09 Floor Construction Fireproofing* - 1907 Section

(1907) Original Building (Basement) - has concrete slab on grade.
 (1907) Original Building (Main Floor, Second Floor, Third Floor) - have plaster ceiling finish.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1010.10 Floor Construction Firestopping* - 1907 Section

(1907) Original Building (Basement) - has concrete slab on grade.
 (1907) Original Building (Main Floor, Second Floor, Third Floor) - have plaster ceiling finish.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1020.01 Roof Structural Frame* - 1907 Section

(1907) Original Building (sloped roof) - has plywood sheathing on wood ridges and wood rafters on wood trusses and wood joists on brick walls.
 (1907) Original Building (flat roof) - has plywood sheathing on wood joists on brick walls on wood framing on brick walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1020.04 Canopies* - 1907 Section

(1907) Original Building (North Main Entrance F1, West Exit F2, East Exit F3) - have stone assembly canopies.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1020.06 Roof Construction Fireproofing* - 1907 Section

(1907) Original Building (Roof) - has plaster ceiling finish.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B1020.07 Roof Construction Firestopping* - 1907 Section

(1907) Original Building (Roof) - has plaster ceiling finish.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

S2 ENVELOPE**B2010.01.02.01 Brick Masonry: Ext. Wall Skin* - 1907 Section**

(1907) Original Building (Main Floor, Second Floor, Third Floor) - have brick masonry and stone masonry walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B2010.01.03 Stone Assemblies: Exterior Wall Skin* - 1907 Section

(1907) Original Building (Main Floor, Second Floor, Third Floor) - have brick masonry and stone masonry walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B2010.01.09 Expansion Control: Ext. Wall* - 1907 Section

(1907) Original Building (Window and Door Openings) - have expansion control joints.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B2010.01.11 Joint Sealers (caulking): Ext. Wall - 1907 Section**

(1907) Original Building (Window and Door Openings) - have joint sealants. (approx. 690 linear metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	20	JAN-13

Event: Replace joint sealants. (approx. 690 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$34,500	Unassigned

Updated: JAN-13

B2010.02.03 Masonry Units: Ext. Wall Const.* - 1907 Section

(1907) Original Building (Typical) - has brick masonry and stone masonry walls.

(1907) Original Building (Chimneys) - has face brick above roof.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B2010.06 Exterior Louvers, Grilles, and Screens* - 1907 Section

(1907) Original Building (Basement - Mechanical Room 7) - has metal louvres. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

B2010.09 Exterior Soffits* - 1907 Section

(1907) Original Building (overhangs) - have wood deck soffits.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B2020.01.01.05 Wood Windows (Glass & Frame)**

(1907) Original Building (Basement - Classroom 1, 3, 17, Janitor 5, Mechanical Room 6, 7, Boys Washroom 8, Girls Washroom 10, Kitchen 12, Lunch Room 15, Meter Room 18, Corridor C2) - have wood framed windows c/w frosted glass and sashes. (approx. 32 windows)

(1907) Original Building (Main Floor - Classroom 100, Science 101, 103, 105, 110, Storage 102, 111, Office 104, Science Prep 106, Administration 112, Principal 114, Janitor 115) - have wood framed windows c/w frosted glass and sashes. (approx. 40 windows)

(1907) Original Building (Main Floor - North Main Entrance F1, West Exit F2, East Exit F3) - have wood framed windows c/w clear glass. (6 windows)

(1907) Original Building (Second Floor - Science 200, Classroom 201, 205, 207, Library 204, Staff Work Room 208, Staff Room 209, Kitchen 211, Janitor 214, Corridor C8, C10) - have wood framed windows c/w frosted glass and sashes. (approx. 49 windows)

(1907) Original Building (Third Floor - Storage 301, Staff Work Room 321, Conference Room 322) - have circular wood windows c/w clear glass. (4 windows)

(1907) Original Building (Third Floor - Storage 306, 312, Changeroom 307, 308, 309, 310, Office 324, Control Room 325, Stair 1 and 2 Vestibules) - have wood framed windows c/w frosted glass and sashes. (approx. 27 windows)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1907	35	JAN-13

Event: Replace wood windows - 1907 Section. (approx. 158 windows)

Concern:

(1907) Original Building - wood windows are worn out.

Recommendation:

Replace wood windows - 1907 Section. (approx. 158 windows)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$158,000	Low

Updated: JAN-13

B2030.01.10 Wood Entrance Door - 1907 Section**

(1907) Original Building (Main Floor - North Main Entrance F1, West Exit F2, East Exit F3) - have wood doors and wood frames. (6 doors)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	30	JAN-13

Event: Replace wood entrance doors. (6 doors)

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

Updated: JAN-13

B2030.02 Exterior Utility Doors - 1907 Section**

(1907) Original Building (Basement - Classroom 1, 3, 15, Electrical Room 6) - have metal doors and metal frames. (4 doors)(modernized in 1996)

(1907) Original Building (Third Floor - Storage 306, 312) - have wood doors and wood frames. (2 doors) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	40	JAN-13

Event: Repaint Electrical Room 6 exterior metal door - 1907 Section. (1 door)

Concern:

(1907) Original Building (Basement - Electrical Room 6) - paint has peeled off metal door.

Recommendation:

Repaint Electrical Room 6 exterior metal door - 1907 Section. (1 door)

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

Updated: JAN-13

Event: Replace exterior utility doors. (6 doors)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2036	\$6,000	Unassigned

Updated: JAN-13

B3010.01 Deck Vapour Retarder and Insulation* - 1907 Section

(1907) Original Building - has rockwool batt insulation.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

B3010.02.01.07 Wood Shingles - 1907 Section**

(1907) Original Building - has cedar shingles. (approx. 600 square metres) (re-roofed in 1985)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1985	30	JAN-13

Event: Replace wood shingles. (approx. 600 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$60,000	Unassigned

Updated: JAN-13**B3010.04.01 Built-up Bituminous Roofing (Asphalt & Gravel)** - 1907 Section**

(1907) Original Building (Stairs 1, 2) - have built-up roofing. (approx. 50 square metres) (re-roofed in 1985)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1985	25	JAN-13

Event: Replace built-up roofing. (approx. 50 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$7,500	Unassigned

Updated: JAN-13**B3010.04.04 Modified Bituminous Membrane Roofing (SBS)** - 1907 Section**

(1907) Original Building (sloped roof, Dome base) - has SBS roofing. (approx. 50 square metres) (re-roofed in 1985)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1985	25	JAN-13

Event: Replace SBS roofing. (approx. 50 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$7,500	Unassigned

Updated: JAN-13

B3010.07 Sheet Metal Roofing - 1907 Section**

(1907) Original Building (flat roof) - has sheet metal roofing. (approx. 20 square metres) (re-roofed in 1985)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1985	40	JAN-13

Event: Replace sheet metal roof for flat roof. (20 square metres)

Concern:

(1907) Original Building (flat roof) - has rusty sheet metal roofing. (approx. 20 square metres)

Recommendation:

Replace sheet metal roof for flat roof. (20 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$3,000	Low

Updated: JAN-13

B3010.07 Sheet Metal Roofing - 2002**

(1907) Original Building (front Dome) - has sheet metal roofing. (approx. 20 square metres) (replaced in 2002)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2002	40	JAN-13

Event: Replace sheet metal roof for 1 dome. (20 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2042	\$3,000	Unassigned

Updated: JAN-13

B3010.08.02 Metal Gutters and Downspouts - 1907 Section**

(1907) Original Building - has metal gutters and metal and PVC downspouts. (approx. 180 linear metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	30	JAN-13

Event: Repair PVC downspout - 1907 Section. (approx. 15 linear metres)

Concern:

(1907) Original Building (South Wall near Mechanical Room 6) - has damaged downspout. (1 downspout)

Recommendation:

Repair PVC downspout - 1907 Section. (approx. 15 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Repair	2012	\$1,500	Low

Updated: JAN-13



(1907) Original Building (South Wall near Mechanical Room 6) - has damaged downspout. (1 downspout)

Event: Replace metal gutters and metal and PVC downspouts. (approx. 165 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$16,500	Unassigned

Updated: JAN-13

B3020.01 Skylights - 1907 Section**

(1907) Original Building - has metal framed skylight with clerestorey on four sides.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1907	25	JAN-13

Event: **Replace 1 skylight.**

Concern:

(1907) Original Building - has rusty metal framed skylight.
(size: approx. 5.4m x 2.4m)

Recommendation:

Replace 1 skylight.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$40,000	Low

Updated: JAN-13



(1907) Original Building - metal framed skylight is rusty.

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

(1907) Original Building (Third Floor - Attic to Roof) - has wood ladder to metal roof hatch. (modernized in 1996)
(1908) Original Building - has vents.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

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

(1907) Original Building (Basement - Classroom 1, Storage 4, 13, Janitor 5, Mechanical Room 6, 7, Meter Room 18, Corridor C1, C2) - have face brick.

(1907) Original Building (Main Floor, Second Floor, Third Floor) - have brick masonry walls.

(1907) Original Building - has gypsum board on metal stud frame partitions. (installed in 1997)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

C1010.05 Interior Windows*

(1907) Original Building (Main Floor - Science 105, Science Prep 106, Corridor C4, C7) - have wood framed windows c/w clear glass.

(1907) Original Building (Second Floor - Library 204) - has high wood framed windows c/w clear glass.

(1907) Original Building (Second Floor - Staff Room 209) - has wood framed windows c/w clear glass.

(1907) Original Building (Third Floor - Control Room 325) - has wood framed windows c/w clear glass and sliders. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

C1010.07 Interior Partition Firestopping*

(1907) Original Building (Basement) - has concrete and brick masonry walls.

(1907) Original Building (Main Floor, Second Floor, Third Floor) - have brick masonry walls.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

C1020.01 Interior Swinging Doors (& Hardware)*

(1907) Original Building (Basement) - has wood doors and wood frames. (modernized in 1996)
 (1907) Original Building (Basement - Storage 4, between Corridor C1 and C2) - have wood doors and metal frames. (modernized in 1996)
 (1907) Original Building (Main Floor) - has wood doors and wood frames.
 (1907) Original Building (Main Floor - Corridor C5) - has wood doors and metal frames.
 (1907) Original Building (Main Floor - Corridor C6) - has wood doors and wood frame c/w sidelites.
 (1907) Original Building (Second Floor) - has wood doors and wood frames.
 (1907) Original Building (Second Floor - Library 204, Staff Work Room 208, Corridor C9) - have wood doors and metal frames. (modernized in 1996)
 (1907) Original Building (Third Floor) - has wood doors and wood frames. (modernized in 1996)
 (1907) Original Building (Third Floor - Theatre 300, Storage 312, 323, Men's Washroom 316, Women's Washroom 317) - have wood doors and metal frames. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	0	JAN-13

Event: Replace Classroom 3 door - 1907 Section. (1 door)

Concern:

(1907) Original Building (Basement - Classroom 3) - has damaged wood door and frame.

Recommendation:

Replace Classroom 3 door - 1907 Section. (1 door)

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

Updated: JAN-13

C1020.03 Interior Fire Doors*

(1907) Original Building (Basement - Mechanical Room 6, 7, Meter Room 18) - have 3/4 hour fire rated metal doors and metal frames. (modernized in 1996)
 (1907) Original Building (Main Floor - Janitor 115) - has 3/4 hour fire rated wood door and metal frame. (modernized in 1996)
 (1907) Original Building (Third Floor - Storage 312) - has 3/4 hour fire rated metal doors and metal frames. (modernized in 1996)
 (1907) Original Building (Third Floor - between Storage 304 and 306) - has metal door and metal frame. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

C1030.01 Visual Display Boards**

(1907) Original Building (Basement - Classroom 1, 3, 17, Kitchen 12, Storage 13) - have 6 whiteboards and 6 tackboards. (modernized in 1996)
 (1907) Original Building (Main Floor - Classroom 100, Science 101, 103, 105, 110) - have 8 whiteboards, 3 blackboards and 2 tackboards. (modernized in 1996)
 (1907) Original Building (Second Floor - Science 200, Classroom 201, 205, 207, Library 204) - have 8 whiteboards and 4 tackboards. (modernized in 1996)
 (1907) Original Building (Third Floor - Storage 301, Control Room 325) - have 1 whiteboard and 1 tackboard. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	20	JAN-13

Event: Replace visual display boards. (approx. 39 boards)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$39,000	Unassigned

Updated: JAN-13

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

(1907) Original Building (Basement - Boys Washroom 8, Girls Washroom 10) - have prefinished metal toilet partitions. (approx. 12 partitions) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace prefinished metal partitions. (approx. 12 partitions)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$6,000	Unassigned

Updated: JAN-13

C1030.05 Wall and Corner Guards*

(1907) Original Building (Basement - Classroom 17) - has wood chair rail. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

C1030.08 Interior Identifying Devices*

(1907) Original Building - all rooms have interior identifying devices. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

C1030.10 Lockers**

(1907) Original Building (Basement - Lunch Room 15, Corridor C1, C2) - have prefinished double tier metal lockers. (approx. 126 lockers) (modernized in 1996)
 (1907) Original Building (Basement - Lunch Room 15) - has prefinished single tier metal lockers. (2 lockers) (modernized in 1996)
 (1907) Original Building (Second Floor - Corridor C8, C9) - have prefinished double tier metal lockers. (approx. 53 lockers) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace lockers. (approx. 181 lockers)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$90,500	Unassigned

Updated: JAN-13

C1030.12 Storage Shelving*

(1907) Original Building (Basement - Janitor 5) - has wood shelves. (modernized in 1996)
 (1907) Original Building (Third Floor - Storage 301, 312, Changeroom 307) - have wood shelves. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

C1030.14 Toilet, Bath, and Laundry Accessories*

(1907) Original Building (Basement - Boys Washroom 8, Girls Washroom 10) - have toilet accessories. (modernized in 1996)
 (1907) Original Building (Second Floor - Washroom 212, 213) - have toilet accessories. (modernized in 1996)
 (1907) Original Building (Third Floor - Girls Washroom 305, Boys Washroom 311, Men's Washroom 316, Women's Washroom 317) - have toilet accessories. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

C1030.17 Other Fittings* - Coat Hooks

(1907) Original Building (Second Floor - Kitchen 211) - have coat hooks. (modernized in 1996)
 (1907) Original Building (Third Floor - Changeroom 308, 309) - have coat hooks. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

C2010 Stair Construction*

(1907) Original Building (Basement to Third Floor - Stair 1, 2) - have wood stairs c/w carpet treads, metal nosing and wood handrails. (2 stairs) (modernized in 1996)
 (1907) Original Building (Basement - Classroom 1, 3) - have metal cat ladders c/w metal pipe handrails. (2 ladders) (modernized in 1996)
 (1907) Original Building (Main Floor - Corridor C6) - has wood stair c/w wood handrails. (1 stair)
 (1907) Original Building (Third Floor - Control Room 325) - has wood stairs c/w carpet finish. (2 stairs) (modernized in 1996)
 (1907) Original Building (Third Floor - Theatre 300 to Attic) - has wood Winnipeg ladder to wood hatch.
 (1907) Original Building (Third Floor - Storage 306, 312) - have metal fire escape ladders c/w metal handrails.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

C2020.06 Carpet Stair Finishes - 1996**

(1907) Original Building (Main Floor to Third Floor - Stair 1, 2) - have wood stairs c/w carpet treads, metal nosing and wood handrails. (2 stairs) (modernized in 1996)
 (1907) Original Building (Third Floor - Control Room 325) - has wood stairs c/w carpet finish. (2 stairs) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	10	JAN-13

Event: Replace carpet stair finishes. (4 stairs)

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

Updated: JAN-13

C2020.06 Carpet Stair Finishes - 2012**

(1907) Original Building (Basement to Main Floor - Stair 1, 2) - wood stairs have carpet treads. (installed in 2012)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2012	10	JAN-13

Event: Replace carpet stair finishes. (2 stairs)

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

Updated: JAN-13

C2020.08 Stair Railings and Balustrades*

(1907) Original Building (Basement to Third Floor - Stair 1, 2) - have wood stairs c/w carpet treads, metal nosing and wood handrails. (2 stairs) (modernized in 1996)
 (1907) Original Building (Basement - Classroom 1, 3) - have metal cat ladders c/w metal pipe handrails. (2 ladders) (modernized in 1996)
 (1907) Original Building (Main Floor - Corridor C6) - has wood stair c/w wood handrails. (1 stair)
 (1907) Original Building (Third Floor - Storage 306, 312) - have metal fire escape ladders c/w metal handrails.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

C2030 Interior Ramps*

(1907) Original Building (Basement - Mechanical Room 6) - has concrete ramp c/w metal pipe handrail. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

C3010.02 Wall Paneling**

(1907) Original Building (Third Floor - Girls Washroom 305, Boys Washroom 311) - have vertical wood deck dado. (approx. 5 square metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace wall paneling. (approx. 5 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$1,000	Unassigned

Updated: JAN-13

C3010.06 Tile Wall Finishes**

(1907) Original Building (Basement - Boys Washroom 8, Girls Washroom 10) - have ceramic wall tiles. (approx. 40 square metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	40	JAN-13

Event: Repair Boys Washroom 8 ceramic wall tiles - 1907 Section. (approx. 5 square metres)

Concern:

(1907) Original Building (Basement - Boys Washroom 8) - has cracked and damaged ceramic wall tiles. (approx. 5 square metres)

Recommendation:

Repair Boys Washroom 8 ceramic wall tiles - 1907 Section. (approx. 5 square metres)

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

Updated: JAN-13

Event: Replace tile wall finish. (approx. 35 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2036	\$3,500	Unassigned

Updated: JAN-13

C3010.11 Interior Wall Painting*

(1907) Original Building (Basement) - has painted gypsum board wall finish. (modernized in 1996)
 (1907) Original Building (Basement - Classroom 1, Mechanical Room 6, 7, Meter Room 18) - have painted face brick. (modernized in 1996)
 (1907) Original Building (Main Floor) - has painted plaster wall finish. (modernized in 1996)
 (1907) Original Building (Second Floor) - has painted plaster wall finish. (modernized in 1996)
 (1907) Original Building (Third Floor) - has painted gypsum board wall finish. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	0	JAN-13

Event: Repaint and repair walls - 1907 Section. (approx. 45 square metres)

Concern:

(1907) Original Building (Basement - Classroom 1) - painted face brick has peeled off. (approx. 5 square metres)
 (1907) Original Building (Basement - Janitor's Office 9, Storage 11, Corridor C2) - painted gypsum board wall finish has peeled off. (approx. 15 square metres)
 (1907) Original Building (Main Floor - Science 103) - painted plaster wall finish has peeled off. (approx. 15 square metres)
 (1907) Original Building (Second Floor - Janitor 214) - painted plaster wall finish has peeled off. (approx. 5 square metres)
 (1907) Original Building (Second Floor - Janitor 214) - has damaged plaster wall. (approx. 5 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Repair	2012	\$2,300	Low

Updated: JAN-13

C3010.12 Wall Coverings*

(1907) Original Building (Main Floor - Principal 114, Corridor C4, C5, C6, C7) - have canvas dado. (modernized in 1996)
 (1907) Original Building (Second Floor - Classroom 205, Staff Room 209, Corridor C8, C10) - have canvas dado. (modernized in 1996)
 (1907) Original Building (Third Floor - Stair 1 and 2 Vestibules) - have canvas dado. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	0	JAN-13

Event: Replace Classroom 205 canvas dado - 1907 Section. (approx. 5 square metres)

Concern:

(1907) Original Building (Second Floor - Classroom 205) - has loose canvas dado. (approx. 5 square metres)

Recommendation:

Replace Classroom 205 canvas dado - 1907 Section. (approx. 5 square metres)

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

Updated: JAN-13

C3020.01.01 Epoxy Concrete Floor Finishes*

(1907) Original Building (Basement - partial Boys Washroom 8, Girls Washroom 10) - have epoxy flooring.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

C3020.01.02 Painted Concrete Floor Finishes*

(1907) Original Building (Basement - Storage 4, 11, Janitor 5, Mechanical Room 6, 7, Meter Room 18) - have painted concrete floor. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	0	JAN-13

Event: Repaint concrete floors - 1907 Section. (approx. 170 square metres)

Concern:

(1907) Original Building (Basement - Storage 4, 11, Janitor 5, Mechanical Room 6, 7, Meter Room 18) - painted concrete floor has faded. (approx. 170 square metres)

Recommendation:

Repaint concrete floors - 1907 Section. (approx. 170 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Preventative Maintenance	2012	\$8,500	Low

Updated: JAN-13

C3020.02 Tile Floor Finishes**

(1907) Original Building (Basement - partial Boys Washroom 8) - has mosaic floor tiles in front of urinals. (approx. 5 square metres)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	50	JAN-13

Event: Replace tile flooring. (approx. 5 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$1,000	Unassigned

Updated: JAN-13

C3020.04 Wood Flooring**

(1907) Original Building (Basement - Classroom 3) - has wood strip flooring. (approx. 80 square metres)
 (1907) Original Building (Main Floor - Science 103, Storage 102, 111, Administration 112 Principal 114, Janitor 115, Corridor C5) - have wood strip flooring. (approx. 225 square metres)
 (1907) Original Building (Second Floor - Classroom 201, Library 204, Staff Room 209) - have wood strip flooring. (approx. 240 square metres)
 (1907) Original Building (Third Floor - Fan Rooms) - have plywood flooring. (approx. 20 square metres)
 (1907) Original Building (Third Floor - Conference Room 322) - has wood strip flooring. (approx. 40 square metres)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	30	JAN-13

Event: Replace wood flooring. (approx. 605 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$60,500	Unassigned

Updated: JAN-13

C3020.07 Resilient Flooring**

(1907) Original Building (Basement - Kitchen 12, Lunch Room 15) - have vinyl tile flooring. (approx. 85 square metres) (modernized in 1996)
 (1907) Original Building (Main Floor - Science 101, 105, Corridor C4, C7) - have vinyl tile flooring. (approx. 235 square metres) (modernized in 1996)
 (1907) Original Building (Second Floor - Science 200, Kitchen 211, Washroom 212, 213, Janitor 214) - have vinyl tile flooring. (approx. 105 square metres) (modernized in 1996)
 (1907) Original Building (Third Floor - Girls Washroom 305, Boys Washroom 311, Men's Washroom 316, Women's Washroom 317) - have vinyl tile flooring. (approx. 15 square metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	20	JAN-13

Event: Replace resilient flooring. (approx. 440 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$44,000	Unassigned

Updated: JAN-13

C3020.08 Carpet Flooring - 1996**

(1907) Original Building (Basement - Classroom 1, 17, Janitor's Office 9, Storage 13) - have carpet flooring. (approx. 190 square metres) (modernized in 1996)

(1907) Original Building (Main Floor - Classroom 100, Office 104, Science Prep 106, Science 110) - have carpet flooring. (approx. 195 square metres) (modernized in 1996)

(1907) Original Building (Second Floor - Classroom 205, 207, Staff Work Room 208, Corridor C8, C9, C10) - have carpet flooring. (approx. 340 square metres) (modernized in 1996)

(1907) Original Building (Third Floor - Theatre 300, Storage 301, 304, 306, 312, 323, Changeroom 307, 308, 309, 310, Janitor 313, Staff Work Room 321, Office 324, Control Room 325, Corridor C12, Stair 1 and 2 Vestibules) - have carpet flooring. (approx. 605 square metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	15	JAN-13

Event: Clean Corridor C9 carpet flooring - 1907 Section. (approx. 75 square metres)

Concern:

(1907) Original Building (Second Floor - Corridor C9) - has stained carpet flooring. (approx. 75 square metres)

Recommendation:

Clean Corridor C9 carpet flooring. (approx. 75 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Preventative Maintenance	2012	\$3,800	Low

Updated: JAN-13

Event: Replace carpet flooring - 1907 Section. (approx. 485 square metres)

Concern:

(1907) Original Building (Basement - Classroom 17) - has rippled carpet flooring. (approx. 75 square metres)

(1907) Original Building (Main Floor - Classroom 100, Science 110) - have rippled carpet flooring. (approx. 165 square metres)

(1907) Original Building (Second Floor - Staff Work Room 208) - has rippled carpet flooring. (approx. 30 square metres)

(1907) Original Building (Third Floor - Storage 301, 306, 312, 323, Changeroom 307, 310) - have worn out and rippled carpet flooring. (approx. 215 square metres)

Recommendation:

Replace carpet flooring - 1907 Section. (approx. 485 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$48,500	Low

Updated: JAN-13

Event: Replace carpet flooring. (approx. 845 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$84,500	Unassigned

Updated: JAN-13

C3020.08 Carpet Flooring - 2012**

(1907) Original Building (Basement - Corridor C1, C2) - have carpet flooring. (approx. 110 square metres) (installed in 2012)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2012	15	JAN-13

Event: **Replace carpet flooring. (approx. 110 square metres)**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2027	\$11,000	Unassigned

Updated: JAN-13

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

(1907) Original Building (Basement - Classroom 1, 17, Boys Washroom 8, Girls Washroom 10, Kitchen 12) - have suspended T-bar ceiling system c/w acoustic ceiling tiles. (approx. 210 square metres) (modernized in 1996)

(1907) Original Building (Main Floor - Classroom 100, Science 105, Administration 112) - have suspended T-bar ceiling system c/w acoustic ceiling tiles. (approx. 180 square metres) (modernized in 1996)

(1907) Original Building (Second Floor - Classroom Science 200, Classroom 201, 205, partial Library 204, Staff Room 209) - have suspended T-bar ceiling system c/w acoustic ceiling tiles. (approx. 270 square metres) (modernized in 1996)

(1907) Original Building (Third Floor - Girls Washroom 305, Boys Washroom 311) - have suspended T-bar ceiling system c/w acoustic ceiling tiles. (approx. 10 square metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	25	JAN-13

Event: **Replace ceiling tiles - 1907 Section. (approx. 100 tiles)**

Concern:

Ceiling tiles are stained, missing or worn out.

Recommendation:

Replace ceiling tiles - 1907 Section. (approx. 100 tiles)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$1,500	Low

Updated: JAN-13

Event: **Replace suspended T-bar ceiling system. (approx. 670 square metres)**

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2021	\$50,300	Unassigned

Updated: JAN-13

C3030.07 Interior Ceiling Painting*

(1907) Original Building (Basement - Storage 11, 13, Lunch Room 15, Meter Room 18, Corridor C1, C2) - have painted plaster ceiling finish. (modernized in 1996)
 (1907) Original Building (Basement - Classroom 3, Storage 4, Janitor 5, Mechanical Room 6, 7, Janitor's Office 9) - have painted concrete ceiling. (modernized in 1996)
 (1907) Original Building (Main Floor - Science 101, 103, 110, Storage 102, 111, Office 104, Science Prep 106, Principal 114, Janitor 115, Corridor C4, C5, C6, C7) - have painted plaster ceiling finish. (modernized in 1996)
 (1907) Original Building (Second Floor - partial Library 204, Classroom 207, Staff Work Room 208, Kitchen 211, Washroom 212, 213, Janitor 214, Corridor C8, C9, C10) - have painted plaster ceiling finish. (modernized in 1996)
 (1907) Original Building (Third Floor - Theatre 300, Storage 304, 306, 312, Staff Work Room 321, Conference Room 322, Storage 323, Stair 1 and 2 Vestibules) - have painted plaster ceiling finish. (modernized in 1996)
 (1907) Original Building (Third Floor - Storage 304, 306, 312, Janitor 313, Men's Washroom 316, Women's Washroom 317, Office 324, Control Room 325, Corridor C12) - have painted gypsum board ceiling finish. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	0	JAN-13

Event: Repaint plaster ceiling - 1907 Section. (approx. 915 square metres)

Concern:

(1907) Original Building (Basement - Corridor C1, C2) - painted plaster ceiling finish has peeled off. (approx. 110 square metres)
 (1907) Original Building (Basement - Classroom 3) - painted concrete ceiling has faded. (approx. 80 square metres)
 (1907) Original Building (Main Floor - Science 101, 103, 110, Janitor 115, Corridor C4, C5, C6, C7) - painted plaster ceiling finish has peeled off. (approx. 430 square metres)
 (1907) Original Building (Second Floor - Classroom 207, Staff Work Room 208, Corridor C8, C9, C10) - painted plaster ceiling finish has peeled off. (approx. 265 square metres)
 (1907) Original Building (Third Floor - Stair 1 and 2 Vestibules) - painted plaster ceiling finish has peeled off. (approx. 30 square metres)

Recommendation:

Repaint plaster ceiling - 1907 Section. (approx. 915 square metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$45,800	Low

Updated: JAN-13

C3030.09 Other Ceiling Finishes* - Acoustic Ceiling Panels

(1907) Original Building (Third Floor - Storage 301) - has acoustic ceiling panels. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D1090 Other Conveying Systems*

(1907) Original Building (Basement to Third Floor) - has dumb waiter. (Manufacturer: Matot, Capacity: 500lbs., steel cabinet) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

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

- (12) Stainless steel, single compartment sink in each classroom.
 (3) Stainless steel, single compartment sinks in science room area.
 (17) Stainless steel, double compartment sinks in science room area.
 (1) Stainless steel, single compartment sink and (1) stainless steel, double compartment sink in student area kitchen
 (5) 2'x2' Molded janitors sink.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace 33 S/S Sinks & 5 Janitor sinks.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$30,000	Unassigned

Updated: JAN-13

D2010.08 Drinking Fountains/Coolers**

- (6) vitreous china drinking fountains in central corridor

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	35	JAN-13

Event: Replace (6) Drinking Fountains / Coolers

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2031	\$10,000	Unassigned

Updated: JAN-13

D2010.09 Other Plumbing Fixtures*

- Emergency eyewash and shower in science room (no floor drain).

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

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

- (12) Stainless steel lavatory's with regular trim
 (2) Vitreous china lavatory's with regular trim
- (14) Vitreous china water closets with flush valve
 (4) Vitreous china water closets with flush tank in small washrooms
- (5) Vitreous china floor mounted urinals with flush valve

No handicap accessible fixtures.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	35	JAN-13

Event: Replace 18 WCs, 14 Lavs, 5 Urinals

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2031	\$35,000	Unassigned

Updated: JAN-13

D2020.01.01 Pipes and Tubes: Domestic Water*

Copper piping throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D2020.01.02 Valves: Domestic Water**

Brass valves with a mixture of gate and ball valves throughout

Exterior non-freeze hose bib's require vacuum breakers

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	40	JAN-13

Event: Replace 50 Valves: Domestic Water

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2036	\$10,000	Unassigned

Updated: JAN-13

D2020.01.03 Piping Specialties (Backflow Preventers)**

1996 Fire protection system has a proper ULC rated backflow valve.
 1993 Boiler system has a Watts ULC rated backflow valve.
 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	1993	20	JAN-13

Event: Replace 2 Backflow Preventors.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$7,500	Unassigned

Updated: JAN-13

D2020.02.06 Domestic Water Heaters**

AO Smith model BTF 80 200 gas fired domestic water heater. 74 gallon storage capacity, 80 MBH gas input capacity. Install date estimated.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2009	20	JAN-13

Event: Replacce (1) Domestic Water Heater.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2029	\$7,500	Unassigned

Updated: JAN-13

D2020.03 Water Supply Insulation: Domestic*

Preformed Fiberglass pipe insulation with foil vapor barrier.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2001	0	JAN-13

D2030.01 Waste and Vent Piping*

Copper and cast iron piping used throughout school

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	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	1907	0	JAN-13

D2040.01 Rain Water Drainage Piping Systems*

Cast iron roof drains run from gutters (some sections have been replaced with PVC) to basement ceiling, and connects to central system inside with an underground discharge to the city sewer service in the street

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D3010.02 Gas Supply Systems*

Black iron steel for piping serving the boilers and domestic water heater. Gas meter is installed inside mechanical room.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

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

(2) Raypak MVB series, modulating, vertical hot water boilers. Model unknown.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2009	35	JAN-13

Event: Replace (2) Hot Water boilers.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2044	\$150,000	Unassigned

Updated: JAN-13

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

Insulated metal chimney up to weather cap on roof.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2009	35	JAN-13

Event: Replace Boiler Chimney & combustion air duct (B.O.E.: 4 storeys).

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2044	\$30,000	Unassigned

Updated: JAN-13

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

Chemical pot feeder on hydronic loop. Regular chemical treatment program.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	2009	0	JAN-13

D3030.06.02 Refrigerant Condensing Units**

(2) Trane 10 ton condensing units (TTA 120B3) located in a locked caged area at the back of the building

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	25	JAN-13

Event: Replace (2) Refrigerant Condensing Units

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2021	\$15,000	Unassigned

Updated: JAN-13

D3040.01.01 Air Handling Units: Air Distribution**

Basement main air system is a custom built up unit: Trane supply and return fans (no air conditioning)

Third floor in A/C rooms (2) Magic air 120-BHX-3-A units with integral cooling coil and condensate pump for drain.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace (3) Air Handling Units

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$150,000	Unassigned

Updated: JAN-13

D3040.01.03 Air Cleaning Devices: Air Distribution*

50mm pleated filter media in all air systems

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D3040.01.04 Ducts: Air Distribution*

Galvanized, low velocity ductwork throughout facility.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D3040.01.07 Air Outlets & Inlets: Air Distribution*

Steel grilles used throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D3040.03.01 Hot Water Distribution Systems**

The hot water heating system provides primary building heating via hydronic terminal units including perimeter finned tube radiation cabinets, force flow units, convectors, unit heaters. The hot water distribution system includes all components of the closed loop hot water heating system including piping, valves, piping insulation, piping specialties, circulation pumps, and expansion tanks.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	40	JAN-13

Event: Replace Hot Water distribution system (B.O.E.: 2971 Sq.M. GFA).

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2036	\$250,000	Unassigned

Updated: JAN-13

D3040.04.01 Fans: Exhaust**

(5) general purpose exhaust fans throughout remaining school

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace 5 Exhaust Fans.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$10,000	Unassigned

Updated: JAN-13

D3040.04.03 Ducts: Exhaust*

Galvanized steel low velocity ductwork.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D3040.04.05 Air Outlets and Inlets: Exhaust*

Steel grilles used throughout

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D3040.05 Heat Exchangers**

TACO plate & frame heat exchanger for glycol air system pre-heat coils (Watt L BO)
 (2) circulating pumps with side stream filter

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace (1) Heat Exchanger.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$12,000	Unassigned

Updated: JAN-13

D3050.05.02 Fan Coil Units**

(2) fan coil units main corridor

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace (2) Fan Coil Units

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$5,000	Unassigned

Updated: JAN-13

D3050.05.03 Finned Tube Radiation**

Wall mounted radiation cabinets with copper tube an aluminum fin radiation installed is rooms. Mostly architectural cabinets/millwork, with some areas with 600mm steel wall cabinets.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	40	JAN-13

Event: Replace 150 m of Finned Tube Radiation

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2036	\$40,000	Unassigned

Updated: JAN-13

D3060.02.02 Pneumatic Controls**

Manual local controls only (Landis and Gyr for systems)
 Thermostat are pneumatically operated with pneumatic control valves.
 AO Smith air compressor with filter dryer.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	40	JAN-13

Event: Replace pneumatic control system (B.O.E.: 2971 Sq.M. GFA).

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2036	\$40,000	Unassigned

Updated: JAN-13

D3090 Other Special HVAC Systems and Equipment*

Science room has a fume hood with dedicated exhaust fan.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D4010 Sprinklers: Fire Protection*

Sprinklers were installed in basement only.

No Siamese connection provided.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D4020 Standpipes*

Fire hose cabinets are installed on each floor.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D4030.01 Fire Extinguisher, Cabinets and Accessories*

ABC wall hung fire extinguishers are installed throughout the building

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

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

Power to the school is provided from a utility-owned, pad mounted transformer located on school property on the west side.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

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

208v (3) phase, (4) wire, 600 amp Siemens main distribution c/w surge suppression Current Technology Gen II.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	40	JAN-13

Event: Replace 600A Main Electrical Switchboards.

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2036	\$75,000	Unassigned

Updated: JAN-13

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

(8) Siemens sub panels installed throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace 7 Electrical Branch Circuit Panelboards

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$35,000	Unassigned

Updated: JAN-13

D5010.07.02 Motor Starters and Accessories**

A 3 section motor control centre has been provided for motor control. It is complete with combination type starters, pilot lights and hand-off-auto selector switches.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace 1 3-section motor control centre

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$30,000	Unassigned

Updated: JAN-13

D5020.01 Electrical Branch Wiring*

Copper wiring throughout

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	MAR-08

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

Combination of 120v light switching and low voltage switching.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D5020.02.02.02 Interior Fluorescent Fixtures**

All lights have upgraded to T8 lamps and ballasts except for the third floor

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace 600 Interior Florescent Fixtures:

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$150,000	Unassigned

Updated: JAN-13**D5020.02.03.02 Emergency Lighting Battery Packs****

Readylite battery pack installed throughout with remote and integral tungsten lamps

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	20	JAN-13

Event: Replace 20 Emergency Lighting Battery Packs

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$20,000	Unassigned

Updated: JAN-13**D5020.02.03.03 Exit Signs***

Exit sign use LED lamps

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	MAR-08

D5020.03.01.04 Exterior H.P. Sodium Fixtures*

Entry's have high pressure sodium fixtures within pendant drops

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	MAR-08

D5030.01 Detection and Fire Alarm**

Edwards EST fire alarm system panel is installed in the mechanical room c/w piezo and strobes throughout the school.
Remote annunciator installed at main entry
No monitoring of sprinkler or standpipe valves and flow

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2005	25	JAN-13

Event: Replace Detection and Fire Alarm: 2900 sq. m. GFA

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2030	\$85,000	Unassigned

Updated: JAN-13

D5030.02.02 Intrusion Detection**

Magna-alert / Magnum security system panel, with boiler room door contact, and motion sensors within the building

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	25	JAN-13

Event: Replace Intrusion Detection: 2900 sq. m. GFA

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2021	\$55,000	Unassigned

Updated: JAN-13

D5030.04.01 Telephone Systems*

Meridian telephone system panel with a Nortel controller. APC battery backup system installed
Meridian phones used throughout.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	MAR-08

D5030.04.04 Data Systems*

Cat 5 data cabling has been installed throughout the building. Data outlets have been provided in all classrooms and in the administrative areas.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	1996	0	JAN-13

D5030.04.05 Local Area Network Systems*

Compact server has a UPS APC 1000 and 350 remote backup
HP switches

Supernet fibreoptic cable installed for internet requirements

1997 computer network lab upgraded

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

D5030.05 Public Address and Music Systems**

Separate clock in mechanical room to operate bells over PA system.
Music amp connected to telephone system for music over PA system.
Speakers installed throughout for PA integral to system

Most classrooms have an FM sound installed

Third floor sound system:

- Yorkville AP818 sound board, JVC amp and tape
- Airphone CAF-5 intercom between staging rooms

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	20	JAN-13

Event: Replace Public Address and Music Systems: 2900 sq. m. GFA

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$75,000	Unassigned

Updated: JAN-13

D5030.06 Television Systems*

1942 Coax cables are run into each classroom with an outlet at each classroom television

1996 Each classroom has a projection unit with projection screen

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1942	0	MAR-08

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

(1907) Original Building (Second Floor - Library 204) - has wood book shelves and rolling and sliding wood ladders. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

E1020.03 Theatre and Stage Equipment*

(1907) Original Building (Third Floor - Theatre 300) - has stage curtain. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

E1020.05 Audiovisual Equipment*

(1907) Original Building (Basement - Classroom 1, 3, 17) - have 3 projection screens. (modernized in 1996)

(1907) Original Building (Main Floor - Classroom 100, Science 101, 105, 110) - have 4 projection screens. (modernized in 1996)

(1907) Original Building (Second Floor - Science 200, Classroom 201, 205, 207, Library 204) - have 5 projection screens. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

E1020.07 Laboratory Equipment*

(1907) Original Building (Main Floor - Science 105) - has fume hood. (installed in approx. 1976)

(1907) Original Building (Main Floor - Science 105) - has emergency eye wash and shower station. (modernized in 1996)

(1907) Original Building (Main Floor - Science Prep 106) - has metal flammable cabinet. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1976	0	JAN-13

E1090.04 Residential Equipment*

(1907) Original Building (Basement - Kitchen 12) - has reach-in cooler, fridge, range and microwave. (modernized in 1996)

(1907) Original Building (Main Floor - Science Prep 106) - has fridge. (modernized in 1996)

(1907) Original Building (Second Floor - Kitchen 211) - has fridge, range, microwave and dishwasher. (modernized in 1996)

(1907) Original Building (Second Floor - Classroom 207) - has microwave. (modernized in 1996)

(1907) Original Building (Third Floor - Theatre 300) - has microwave. (modernized in 1996)

(1907) Original Building (Third Floor - Conference Room 322) - has fridge and microwave. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

E2010.01 Fixed Artwork* - Murals

(1907) Original Building (Main Floor - Corridor C6) - has mural. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

E2010.02 Fixed Casework - Display Case**

(1907) Original Building (Main Floor - Corridor C5) - has display case. (approx. 1 linear metre)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	35	JAN-13

Event: Replace display case. (approx. 1 linear metre)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2016	\$1,000	Unassigned

Updated: JAN-13

E2010.02 Fixed Casework - Millwork**

(1907) Original Building (Basement - Classroom 1, 3, 17, Janitor's Kitchen 12) - have millwork. (approx. 25 linear metres) (modernized in 1996)
 (1907) Original Building (Main Floor - Classroom 100, Science 101, 103, 105, Science Prep 106, Storage 111) - have millwork. (approx. 50 linear metres) (modernized in 1996)
 (1907) Original Building (Second Floor - Science 200, Classroom 205, 207, Staff Work Room 208, Staff Room 209, Kitchen 211) - have millwork. (approx. 30 linear metres) (modernized in 1996)
 (1907) Original Building (Third Floor - Conference Room 322, Office 324) - have millwork. (approx. 10 linear metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
3 - Marginal	1996	35	JAN-13

Event: Replace Classroom 3, Science 105 and Classroom 207 millwork - 1907 Section. (approx. 9 linear metres)

Concern:

(1907) Original Building (Basement - Classroom 3) - has damaged millwork. (approx. 2 linear metres)
 (1907) Original Building (Main Floor - Science 105) - has damaged countertops. (approx. 5 linear metres)
 (1907) Original Building (Second Floor - Classroom 207) - has damaged countertop. (approx. 2 linear metres)

Recommendation:

Replace Classroom 3, Science 105 and Classroom 207 millwork - 1907 Section. (approx. 9 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Failure Replacement	2012	\$9,000	Low

Updated: JAN-13

Event: Replace millwork. (approx. 106 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2031	\$106,000	Unassigned

Updated: JAN-13

E2010.02 Fixed Casework - Reception Counter**

(1907) Original Building (Main Floor - Administration 112) - has reception counter. (approx. 3 linear metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	35	JAN-13

Event: Replace reception counter. (approx. 3 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2031	\$3,000	Unassigned

Updated: JAN-13

E2010.02 Fixed Casework - Vanities**

(1907) Original Building (Basement - Boys Washroom 8, Girls Washroom 10) - have prefinished plastic laminated vanities. (approx. 5 linear metres) (modernized in 1996)

(1907) Original Building (Second Floor - Washroom 212, 213) - have prefinished plastic laminated vanities. (approx. 2 linear metres) (modernized in 1996)

(1907) Original Building (Third Floor - Girls Washroom 305, Boys Washroom 311, Men's Washroom 316, Women's Washroom 317) - have prefinished plastic laminated vanities. (approx. 4 linear metres) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	35	JAN-13

Event: Replace vanities. (approx. 11 linear metres)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2031	\$11,000	Unassigned

Updated: JAN-13

E2010.03.01 Blinds - 1996**

(1907) Original Building (Basement - Classroom 1, 3, Kitchen 12, Lunch Room 15) - have venetian blinds. (approx. 18 blinds) (modernized in 1996)

(1907) Original Building (Basement - Classroom 17) - has roll-up blinds . (approx. 6 blinds) (modernized in 1996)

(1907) Original Building (Main Floor - Classroom 100, Science 101, 103, 105, 110, Office 104, Science Prep 106) - have venetian blinds. (approx. 35 blinds) (modernized in 1996)

(1907) Original Building (Main Floor - Administration 112, Principal 114, Janitor 115) - have vertical fabric blinds. (3 blinds) (modernized in 1996)

(1907) Original Building (Main Floor - Storage 102) - has roll-up blind. (1 blind) (modernized in 1996)

(1907) Original Building (Second Floor - Science 200, Classroom 201, 205, 207) - have venetian blinds. (approx. 25 blinds) (modernized in 1996)

(1907) Original Building (Second Floor - Staff Work Room 208) - has plastic vertical blinds. (3 blinds) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace blinds. (approx. 91 blinds)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$36,400	Unassigned

Updated: JAN-13

E2010.03.01 Blinds - 2010**

(1907) Original Building (Second Floor - Library 204) - has roll-up blinds. (8 blinds) (installed in 2010)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
5 - Good	2010	30	JAN-13

Event: Replace blinds. (8 blinds)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2040	\$3,200	Unassigned

Updated: JAN-13

E2010.03.02 Interior Shutters*

(1907) Original Building (Basement - Kitchen 12) - has 3 hour fire rated metal shutter. (Manufacturer: Kinnear) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	0	JAN-13

E2010.03.06 Curtains and Drapes**

(1907) Original Building (Third Floor - Storage 306, 312, Changeroom 307, 309, 310, Office 324, Control Room 325) - have curtains and tracks. (approx. 11 curtains) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace curtains and tracks. (approx. 11 curtains)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$5,500	Unassigned

Updated: JAN-13

E2010.05 Fixed Multiple Seating**

(1907) Original Building (Third Floor - Control Room 325) - has raised wood platform c/w carpet finish. (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	35	JAN-13

Event: Replace platform. (1 platform)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2031	\$4,000	Unassigned

Updated: JAN-13

F1010.02.05 Grandstands and Bleachers**

(1907) Original Building (Third Floor - Theatre 300) - has 3 tier retractable bleacher. (2 bleachers) (modernized in 1996)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1996	30	JAN-13

Event: Replace bleachers. (2 bleachers)

<u>Type</u>	<u>Year</u>	<u>Cost</u>	<u>Priority</u>
Lifecycle Replacement	2026	\$8,000	Unassigned

Updated: JAN-13

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

(1907) Original Building (Main Floor - East Exit F3 to Parking Lot) - has barrier free route.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

K4010.02 Barrier Free Entrances*

(1907) Original Building (Main Floor - North Main Entrance F1, Corridor C6) - do not have automatic door operators. (Note: With approval of authorities having jurisdiction, barrier free entrance is not required for this facility.)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

K4010.03 Barrier Free Interior Circulation*

Building corridors are wide enough for wheelchairs.

(1907) Original Building (Basement to Third Floor - Stair 1, 2) - have wood stairs c/w carpet treads, metal nosing and wood handrails. (2 stairs) (modernized in 1996)

(1907) Original Building (Main Floor - North Main Entrance F1) - has concrete stairs c/w stone handrails.

(1907) Original Building (Main Floor - Corridor C6) - has wood stair c/w wood handrails. (1 stair)

(Note: With approval of authority having jurisdiction, barrier free interior circulation is not required for this facility.)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

K4010.04 Barrier Free Washrooms*

School does not have barrier free washrooms. (Note: With approval of authority of having jurisdiction, barrier free washroom is not required for this facility.)

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	0	JAN-13

K4030.01 Asbestos*

An asbestos survey was completed for Edmonton Public Schools.

HAZMAT Reports dated November 12, 2001 prepared by PHH Environmental Limited.

The following information is from asbestos survey report:

The pipe fittings on mechanical and domestic water lines located throughout the facility have asbestos.

The straight run pipe insulation located throughout the facility has asbestos.

Asbestos abatement was done in 1992.

<u>Rating</u>	<u>Installed</u>	<u>Design Life</u>	<u>Updated</u>
4 - Acceptable	1907	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	1907	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	1907	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	1907	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	1907	0	JAN-13

K5010.01 Site Documentation*

Prime Consultant Name - Francis Ng Architect Ltd.

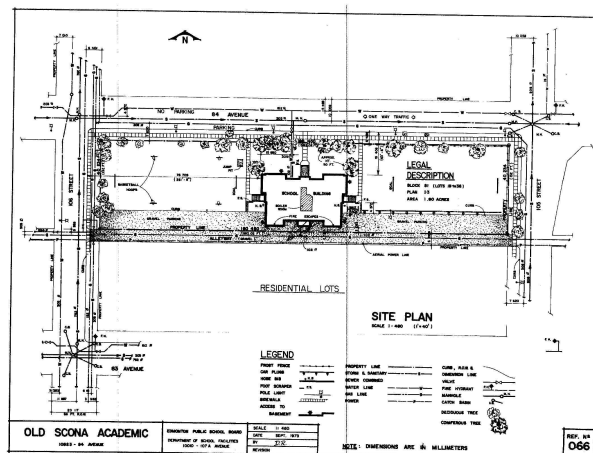
Date of Site Visit: August 22, 2012

(1907) Original Building - 2967.0 square metres.

Total building area is 2967.0 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.

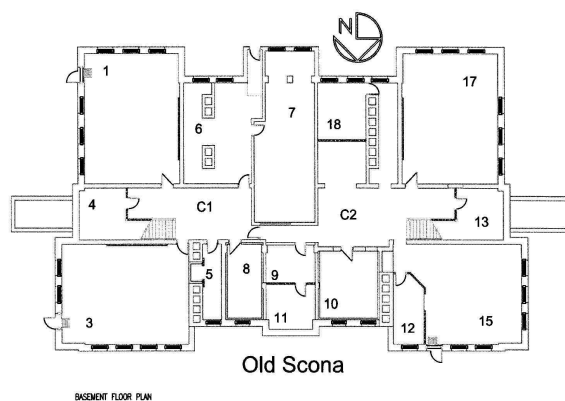
Date of Site Visit: August 22, 2012

(1907) Original Building - 2967.0 square metres.

Total building area is 2967.0 square metres.

Drawing attached - Floor Plans.

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



Basement Floor Plan.