

EXECUTIVE SUMMARY

In March 2000 Alberta Infrastructure engaged Norman Dobell Associates Architects to evaluate the condition of twenty-two schools within the Calgary School District #19. A standardized form, developed by Alberta Infrastructure and supplied to the evaluation team by the regional coordinator was used to document the condition and recommendations.

The original building was constructed in 1966 as a portable. A second portable was added in 1970. The permanent building was built in 1980 with further portables were added in 1981. The total area of building is 4536.25 sq. m.

The school is constructed of slab on grade and load bearing masonry walls. The roof structure is steel framed.

Summary of Observations and Recommendations

The school jurisdiction have expressed their concerns and hope that all investigations will lead to the improvement of health, safety and accessibility to all their buildings. The presence of hazardous material in some buildings is expected in all piping insulation, light ballasts, and some interior finishes. The jurisdiction deals with this issue as they undertake upgrading. The additional cost for removal of hazardous material has not been included in any of the costing.

Architectural

Recommended work would include providing handicap stall, replacing school letters and reconstructing east stairs at entrance. Additionally, gasket to be replaced in the front canopy and automatic door openers to be standardized.

Mechanical

Heating is provided from a perimeter hot water heating system. Ventilation is provided from central low velocity systems. Systems are generally in good working order, well maintained and current. However, the school is nearing 20 years old and approaching normal life expectancy. A DDC controls retrofit is being completed.

Electrical

The electrical systems are in good condition. Life safety systems require upgrades to meet the current codes. Ventilation required for computer equipment room.

Costing

The estimated construction cost for the remedial work in the attached evaluation form has been based on the Costing Unit Rate Chart developed by Alberta Infrastructure. Where this data is incomplete or inappropriate to the recommend work, unit cost based on the local Calgary market were used.

1.	Site Related Work	49,000.00
2.	Building Exterior	5,000.00
3.	Building Interior	46,100.00
4.	Mechanical Systems	8,500.00
5.	Electrical Systems	112,500.00
6.	<u>Portables</u>	<u>156,550.00</u>

Total Estimated Costs	\$377,650.00
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Space Adequacy

The existing area, according to the School Building Guidelines and Supplement - Gross Area of School Building Projects is surplus.

Existing Total Gross Area (sq. m.)	4678
<u>Projected required total gross area (sq. m.)</u>	<u>4525</u>

Overage – sq. m.	154
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Further Investigation

Further Investigation is required to:

1. Assess the impact of the removal of hazardous material during any renovation work.
2. Add electrical to accommodate proposed mechanical alterations.

School Plan Data Information

School plan information for the building was supplied by the school jurisdiction. Area information was provided by Alberta Infrastructure. The information generally appears to be up to date with some minor room function revisions.