EXECUTIVE SUMMARY

Project Overview

In November 1999 the Alberta Infrastructure School Facilities Branch engaged Carruthers & Associates Architects Inc. to investigate and report on the physical condition of 10 schools in Calgary under the jurisdiction of the Calgary Board of Education. We are now pleased to present the results of our investigations, in the form of charts as specified by Alberta Infrastructure.

Construction History

Original:	1956,	2198.6 m.^{2}
Additions:	1959	3719.3 m.^{2}
	1964	7958.7 m.^{2}
	1972	1158.0 m.^{2}
	1986	1545.0 m.^{2}

Evaluation Date: November 26, 1999

Building Summary

Original building: Wood frame walls & Roof

1959 addition: Concrete Frame, Precast concrete roof, brick cladding

1964 addition: Concrete Frame, Precast concrete roof, brick cladding

1972 addition: Concrete Roof

1986 addition: Concrete block Walls, Steel truss and Steel Deck Roof

Mechanical: Boilers provide heating for original building and additions. Decentralized air system.

Summary of Observations and Recommendations

New Windows & Doors required as well as various repairs. Extensive roofing required.

Extensive new flooring, new doors, HC elevator required.

Mechanical: New central boiler plant required to replace old and scattered boilers. For the 1956 & 1959 portions and shops in the 1964 wing, ventilation upgrades required. Some added roof top units in need of replacement. New control technology to be incorporated.

Electrical: New panelboards, branch circuit wiring, upgrades to existing fire alarm system, and lighting should be replaced to provide new life cycle and system reliability.
Energy efficiency performance will be improved with new lighting and LED exit signs..

Estimated Costs:

Site:	$137,000
Building exterior:	$749,000
Building interior:	$425,000
Mechanical:	$1,305,000
Electrical:	$894,500
TOTAL:	$3,510,500

Space Adequacy:

Total area this facility:	14,481.3 m.^{2}
Equivalent new facility requirements:	12,498.8 m.^{2}
Space Surplus:	2120.1 m.^{2}

Further Investigation:

Differential settlement in various areas should be investigated

A complete Building code analysis for fire safety is recommended.