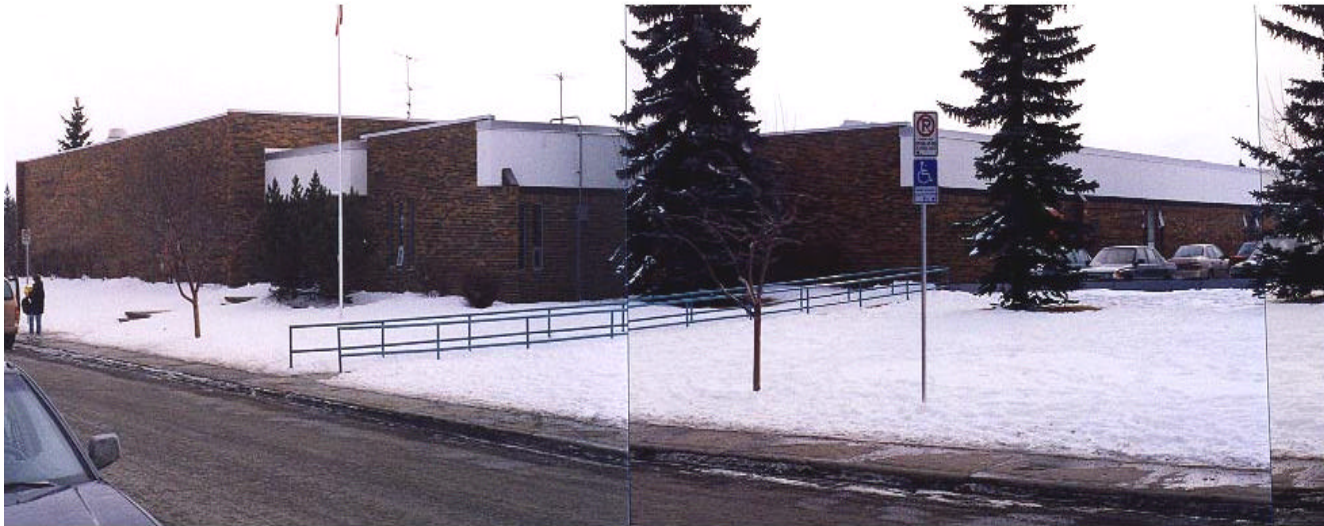


**LAKE BONAVISTA SCHOOL  
CALGARY, ALBERTA**

**School Facility Evaluation Project  
Calgary School Board, District 19**



**Prepared For  
Alberta Infrastructure  
March 2000**

**Prepared By  
Bernbaum Architect Ltd.  
Rae Mclean & Associates**

## **TABLE OF CONTENTS**

	<b>Page</b>
<b>Executive Summary</b>	<b>i</b>
<b>Facility Profile and Summary</b>	<b>1</b>
<b>Section 1 – Site Conditions</b>	<b>4</b>
<b>Section 2 – Building Exterior</b>	<b>7</b>
<b>Section 3 – Building Interior</b>	<b>11</b>
<b>Section 4 – Mechanical Systems</b>	<b>14</b>
<b>Section 5 – Electrical Systems</b>	<b>21</b>
<b>Section 6 – Portable Buildings</b>	<b>26</b>
<b>Section 7 – Space Adequacy</b>	<b>27</b>
<b>Mini Plans</b>	<b>Ai</b>

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**Lake Bonavista School**  
**Calgary South, District 19**

**School Facilities Evaluation Project**  
**March 2000**

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## **EXECUTIVE SUMMARY:**

In January 2000, Alberta Infrastructure engaged Bernbaum Architect Ltd. to evaluate the condition of twenty one schools within the Calgary School Board District 19. A standardized form developed by Alberta Infrastructure and supplied to the evaluation team by the regional co-ordinator was used to document the condition and recommendations.

The original Lake Bonavista School building was constructed in 1969, as a one storey building. The building has not been added to. The school is well organized and pleasant but rather dull and dark with the open classrooms being mostly divided at present. The school has a masonry exterior with stucco detail upper panels, and is in generally good condition.

## **Summary of Observations and Recommendations**

### **Architectural**

The concerns in this building are relatively minor and should be attended to. Upgrading of doors, windows, paint, etc. are the major recommendations.

### **Mechanical**

Mechanically the building has a 1960s era system in good repair. Only minor problems exist. We have recommended upgrading of the mechanical as it is nearing the end of its life cycle.

### **Electrical**

Electrically the building has a 1960s era system in good repair. The school should have a supervised fire alarm system installed. We have recommended upgrading technology.

### **Costing**

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

1.	Site Related Work	\$ 3,000.
2.	Building Exterior	\$ 201,000.
3.	Building Interior	\$ 111,100.
4.	Mechanical Systems	\$ 512,060.
5.	Electrical Systems	\$ 112,280.
6.	Portables	\$ 0.

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Total Estimated Costs	\$ 939,440.
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### **Space Adequacy**

The existing area according to School Building Area Guidelines and Supplement – Maximum Gross Area of School Building Projects is slightly more than recommended.

Existing Total Gross Area	2,802.00 sm
Recommended total gross area	<u>3,025.00 sm</u>
Overage / (deficiency)	( 223.00) sm

### **Further Investigation**

Further Investigation is required for the fire alarm panel and to determine why there is no relief air, only combustion air, and how to bring relief air in.

### **School Plan Data Information**

The plan information was supplied by the school jurisdiction. Area information was provided by Alberta Infrastructure. The information generally appears to be up to date, with minor room function variations.