

School Facilities Evaluation Project

Evaluation Team: Architectural Najfeldt Architect,
Mechanical Bacz Engineering Ltd.
Electrical Beaubien Glover Engineering Ltd.

Date of Tour: April 11, 2000

School Name/City, Town: **Katherine Therrien Elementary School**, Edmonton, Ab.
Edmonton Roman Catholic Schools, Regional District No.40

Executive Summary:

ARCHITECTURAL

This facility was constructed in 1975 of masonry construction, with flat roofs, painted concrete block and metal fascia exterior finishes.

The building is set too low in relation to surrounding grades. Re-grading of existing areas at rear is required and catch basins should be provided to improve drainage. Existing fire lane should also be re-surfaced.

Building envelope should be investigated to assess its performance and examine water entry. Existing fascia should be reattached where required. Some type of remedial action to building envelope may be required as a result of building envelope investigation.

Comprehensive roofing inspection is recommended to examine history and cause of roof leakage.

Building interior is generally in good condition, except for replacement of carpet, installation of screen walls to Washrooms, and provision of automatic entry.

Portable Classrooms are in reasonable condition and require only minor architectural upgrading.

MECHANICAL

Mechanical system consists of central hot water heating and central indoor mounted air handler unit. Ventilation is provided through overhead ductwork system. All components are in good condition and require no further action.

Furnaces in Portable Classrooms do not meet current Code and are recommended for replacement.

ELECTRICAL

Electrical system is deemed in good condition. Electrical review recommends upgrading existing light fixtures to new energy efficient luminaires, and upgrading of fire alarm system to current Code.