

## School Facilities Evaluation Project

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| Evaluation Team: | Architectural      Najfeldt Architect,<br>Mechanical        Bacz Engineering Ltd.<br>Electrical          Beaubien Glover Engineering Ltd. | Date of Tour: April 13, 2000 |
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School Name/City, Town: **Elizabeth Seton Elementary and Junior High School**, Edmonton, Ab.  
Edmonton Roman Catholic Schools, Regional District No.40

### Executive Summary:

#### ARCHITECTURAL

This facility was constructed in 1977 of masonry construction, with flat roofs, with brick veneer exterior and metal panels to Gym walls above the lower roof line. It was further expanded in 1994 of similar construction. At the same time portion of the original building was modernized including upgrading of most interior finishes. A minor modernization took place in 1987.

Some site re-grading and catch basin s required, to improve drainage at north-east side of the building. Expansion of staff parking lot is recommended. New sidewalks should be installed to replace existing paving slabs.

Roofing investigation is recommended to assess performance of existing inverted roofing, including roofing to portable Classrooms to identify cause of leakage.

Building envelope appears in good condition, except for painting of stained front canopy soffit, no further action is required.

Generally, building interior is in good condition. Recommendations call for replacement of flooring in Washrooms and lowering of urinals and vanities to accommodate elementary school children. Automatic entry should be provided.

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

#### MECHANICAL

Mechanical system consists of central hot water heating and roof mounted air handling units. Ventilation is provided through overhead ductwork system. Mechanical recommendations call for modifications to existing heating system, and replacement of existing ventilation distribution system in the original building.

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.