

## School Facilities Evaluation Project

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

Date of Tour: April 19, 2000

School Name/City, Town: **St. Edmund Elementary and Junior High School**, Edmonton, Ab.  
School District: Edmonton Roman Catholic Schools, Regional Division No. 40

### Executive Summary:

#### ARCHITECTURAL

The original building was constructed in 1956 of masonry construction with flat roofs and brick exterior. It is a two (2) storey building, which was further expanded in 1961 by a two (2) storey addition of similar construction, and again in 1966 with major addition of similar construction, bringing the building up to its present form. In 1993 portion of the building was re-roofed.

New playground is recommended to replace existing sub-standard play area. Some minor site re-grading is required to improve surface drainage along south wall. Expand staff parking and provide drop-off lane to ease congestion. Replace section of poor sidewalk along north wall, and provide access ramp to front door.

Investigation is recommended to examine cause and implications of stress cracks on exterior and interior load bearing walls throughout the building. Also infiltration through exterior walls in the small Gym should be examined.

Building exterior is mostly in good condition, except for galvanized metal fascias recommended to be replaced, replacement of three sets of exterior doors, and replacement of weatherstripping to all exterior doors.

Interior upgrades are required to replace ceiling tiles in the Hallways and common areas, replacement of worn out carpets and acoustic panels in the Music Room. Changeroom and Washroom doors should be replaced, metal toilet partitions should be replaced. Elevator, accessible Washrooms and automatic door openers should be provided to complete barrier free accessibility to the building.

#### MECHANICAL

Existing mechanical system consists of hot water and steam system heating, combined with indoor mounted air handling units. Ventilation is provided via ceiling space ductwork. Mechanical upgrade recommendations call for minor improvements to heating and ventilation system in the Gymnasium, otherwise existing system requires no further action.

#### ELECTRICAL

Electrical service and distribution system is in good condition. Upgrading of the fire alarm system to current Code is recommended. Additional recommendations call for retrofit of existing light fixtures to new energy efficient fixtures and additional exterior lighting.