School Facilities Evaluation Project

Evaluation Team:	Architectural	Najfeldt Architect.	Date of Tour: April 18, 2000
	Mechanical	Bacz Engineering Ltd.	
	Electrical	Beaubien Glover Engineering Ltd.	

School Name/City, Town: **St. Alphonsus 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 1949 and was further expanded in 1953 and 1955, all these structures are of frame construction with flat roofs, with stucco and metal panel exterior. Two major additions were constructed in 1964 and 1968, both of masonry construction, bringing the facility to its present form. No major upgrading was implemented with exception of re-roofing in 1994.

Site upgrading is required to improve marginal outdoor athletic area, and to rearrange on-site parking and provide drop-off lane. Front entrance should be reconstructed to provide barrier free access to this three storey facility. This multilevel building is not equipped with an elevator, which would be required under present Code.

Interior upgrades are required to replace water damaged ceilings on all levels of the 1968 section. Most lockers, metal toilet partitions, and some doors require to be replaced. Automatic door openers and barrier free Washrooms should be provided.

Roofing inspection is recommended for the oldest portions of the complex to verify condition of the inverted roof. Investigation is also recommended to identify leakage sources within the building, especially on lower levels.

MECHANICAL

Existing mechanical system is a steam and gravity ventilation system for 1949, 1953 and 1955 sections. The 1964 and 1968 sections are serviced with a hot water boiler system and ventilation is provided by two indoor mounted air handling units. Mechanical upgrade recommendations call for upgrading of the entire system within the 1949, 1953 and 1955 sections.

ELECTRICAL

Electrical recommendations call for upgrading of the existing electrical distribution system. Upgrading of the fire alarm system to current Code. Additional recommendations call for retrofit of existing light fixtures to new energy efficient fixtures, and additional exterior lighting to improve security at the exterior of building.