

School Facilities Evaluation Project

Evaluation Team: Quinn,Young Architects Ltd. - Paul Ledaire, MAAA
Mechanical Engineer: Hemisphere Engineering Inc., - John Keats
Electrical Engineer: Stebnicki, Robertson & Associates Ltd. - Victor Williams
Date of Tour: March 9, 2000
School Name/City, Town: Notre Dame High School, Red Deer
School District: Red Deer Catholic Regional District #39

Executive Summary:

ARCHITECTURAL

This is a new 845-student high school constructed in 1996. It has been neither expanded nor renovated. It is constructed of steel and concrete block and is clad with brick and prefinished metal siding. The building interior is pleasant and well kept. There are very few problems with this building. According to the standard schedule, the spaces generally are slightly undersized. There is approximately \$80,500 in needed architectural repairs.

MECHANICAL

Heating is provided from a hot water heating system. Ventilation is provided from central air systems located in fan rooms. Cooling is provided from an air cooled chiller system to air handling units.

ELECTRICAL

The electrical systems are in very good condition. It was noted that vision of exit lights has been obstructed in corridor 1400 by a TV monitor and should be corrected.

Summary of Observations & Recommendations:

ARCHITECTURAL

The only defects identified in this building are site related. There is an improperly sloped sidewalk which causes some drainage problems and there is a shortage of staff parking.

MECHANICAL

Generally, the mechanical systems for this facility are in good condition. Additional cooling is required for the upper level. An additional chiller module is recommended.

ELECTRICAL

Add one exit fixture in blind spot of corridor.

Further Investigations Required:

ARCHITECTURAL

No items have been identified.

MECHANICAL

None.

ELECTRICAL

Provide additional distribution, control and wiring for any proposed mechanical upgrades.