

Consultants:

Architectural: Burgess Bredo - Burgess Bredo Architect Ltd.

Mechanical: Ron Krewulak - RAK Engineering Ltd.

Electrical: Ron Krewulak - RAK Engineering Ltd.

Architectural

Holy Trinity High School was built in one phase in 1982 (8591.6 sq.m.). The building is a steel framed structure having a flat roof and the facade is made up of face brick cladding. The building is approximately 90 sq.m. oversized by current standards.

The site requires ground cover pavers below roof overhangs. Sidewalks need repairing. Efflorescence needs to be cleaned off brick planters. Several architectural systems need replacing. The buildings roofing needs to be replaced. Window vents require re-configuring. There are other miscellaneous repairs. On the interior, finish in some areas require upgrading. Millwork requires repair and re-furbishing. Whiteboards and tackboards need to be replaced. Interior locksets require upgrading. There are other miscellaneous repairs. Cost of architectural work is \$418,800.

Mechanical

The buildings mechanical system is generally in good shape. Roof top mounted ventilation units are in very poor shape and should be replaced in order to maintain service to building. Cost of mechanical work is \$255,000.

Electrical

The buildings electrical system is generally in good shape. Upgrades are required to the fire alarm system, emergency exit signs and building intercom system. The fluorescent lighting should be retrofitted to T8 lamps and additional receptacles provided in classrooms. Cost of electrical work is \$423,000.

FURTHER INVESTIGATIONS REQUIRED:**Architectural**

Further investigations required into cracking of the concrete slabs in the Food Services Area.

Mechanical

No further investigations required.

Electrical

No further investigations required.

Burgess Bredo Architect Ltd.