



PRIME DESIGN BUILD  
CORPORATION

Where the Building Begins.



## Wal-Mart Ancaster

Ancaster, Ontario

**CLIENT:**

*Wal-Mart Canada*

**CONSULTANT:**

*The Abbarch Partnership  
Architects*

**CONTRACT TYPE:**

*Firm Price*

**DURATION OF PROJECT:**

*10 months*

**PROJECT SIZE:**

*161,473 sq. ft.*

The Ancaster store was the first of a series of existing Wal-Mart stores being expanded and updated to incorporate a full scale line of grocery, produce and meat products.

The multi phased construction included a series of additions totaling 60,000 square feet, a full renovation to the existing 97,500 square foot store, and a full makeover to the entire site including all utilities, paving/walks/curbs, and landscaping. The construction program ran from January to October, 2006 while the store and site remained fully operational.

Although the design of the building was atypical of "box retail" construction - reinforced concrete foundations, structural steel frame, 4 ply built up roofing, and cladding consisting of architectural precast panels, masonry, and EIFS – there were several difficulties to overcome during construction.

The entire Garden Centre slab on grade as well as a major portion of the new sidewalks totaling 22,000 SF had to be put in place during the winter which required the defrosting and maintaining the temperature of the founding soils above freezing in order to pour and finish the concrete.

The majority of the existing building perimeter wall required to be removed, including the structural steel support system. This required shoring the existing roof and structure, constructing a temporary insulated wall and roof dam capable of maintaining store security all while the store operated as "business as usual".

The multi phasing of both new construction, to allow portions of the grocery component to open early, as well as renovations to the existing store, in order to perform construction in small work areas so that normal store operations were disrupted as little as possible, was a major success for both ourselves as the builder as well as Wal-Mart corporate operations that had performed some lengthy detailed planning with store staff.

The success of this program has instigated the next series of expansions across the province of Ontario.