

## BE PROJECT SUMMARY

# Soper's Lane - Hiawatha, Ontario

New 6 unit multi-residential, single and two storey, slab on grade building.

2010-2011



PHOTO TAKEN OF THE SOPER'S LANE BUILDING ELEVATION.

Opened in July 2011. Bradley Engineering provided full structural engineering design, drafting and inspection services for the construction of this new 6 unit multi-residential construction in Hiawatha, Ontario on the North Shore of Rice Lake. The building consists of four 2 bedroom units and two 3 bedroom units. Architect: Trevelyan Architect Inc., Peterborough, Ontario. **8,100 SF. \$1.2M**

### Foundations:

Reinforced concrete frost wall foundations, normal duty interior slab on grade.

### Superstructure:

Designed using pre-engineered I-Joists and floor beams connected with a variety of pre-fabricated metal connectors, and pre-engineered pre-fabricated light metal plate connected wood roof trusses. Floor and roof framing was supported on conventional wood framed stud walls. Lateral loads were resisted by wood framed shear walls with independent hold-downs.