



# Pre-welded Rebar Cages for Precast Concrete Transformer Foundations

Langton, Ontario

**Project:**

Pre-welded Rebar Cages for  
Transformer Foundations

**Owner:**

Reid's Precast Cement Products Ltd.

**Product:**

The 25-167 kVA single-phase transformer foundation product is being shipped to clients in various configurations.

A 25-167 kVA single-phase transformer foundation product is produced in various configurations. The product tends to be used in subdivisions by developers, electrical contractors and electrical utility groups.

A welded reinforcement cage prototype was designed and built by StelCrete to determine the economics of producing transformer foundations with pre-welded cages, and product quality. StelCrete provides Auto-CAD drawings to facilitate production and acceptance.

Once the formwork has been prepared, the cages are manually placed into the mold. Since the cages are not too large, or heavy, they can be handled by two people. Plastic wheel spacers, three inches in diameter, are installed on the cage prior to installation into the mold.

A pre-welded cage reduces labor costs by saving fabrication time and the time required to set up the formwork. The cages can be placed into the form with minimal labour. In addition, a welded cage provides reinforcing that exceeds specifications. StelCrete has procedures set in place for speedy, on time delivery of products by drivers who understand the needs of clients.



Precast 25-167 kVA single-phase transformer foundation.



Pre-welded rebar cage.

*Photos: W.J. Reid*



We reinforce your business...  
That's a promise cast in  
concrete

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