



PROJECT PROFILE

December 1999

Port Dover, Ontario

The town of Port Dover, Ontario is where the seeds of a revolution in steel framing are being sown. Phase I of a residential subdivision development in this picturesque town on the shores of Lake Erie is currently underway and Thermasteel is the framing material everyone is talking about.



Photo # 1 A Completed Single Family Home

Thermasteel is a specially designed, patented, cold formed steel framing member which is being used to replace wood framing members in floors, walls and roofs. It has excellent thermal, fire, and acoustic properties, and has one of the highest strength to mass ratios of any structural member on the market. The key to Thermasteel's uniqueness is the closely spaced lip-reinforced holes in the web of the member. These holes allow for the easy installation of wiring, pipes, ducts, conduits, etc., without the need to drill holes.

Armour Steel, a local steel supply company with many years of experience in steel framing provided the framing package for the single family detached homes. Some of the comments we received from the framing and electrical crews regarding Thermasteel include: "there's a handle everywhere..... this stuff is light as a feather...even in the winter...it won't freeze... it can't get waterlogged", "Thermasteel is a lot stiffer than conventional steel framing members...you can tell just by looking at it", "you can run wiring where ever you want....very versatile and easy to use" The one storey homes are approximately 1300 square feet and were designed with the retirement crowd in mind.

With the decreasing quality and escalating price of lumber, steel framing is currently considered to be an economical alternative. This is reflected in the fact that steel has been the framing material of choice for highrise residential, commercial and industrial projects for many years.



Photo # 2 – Getting Started

Some of the benefits of Thermasteel framing are: dimensional stability which means no warping, shrinking, cracking and consequently no nail pops. This means that there will be fewer costly callbacks for the builder. Steel members are straight and true which translates into cleaner, straighter lines at baseboards, ceilings, doors, windows, etc. Thermasteel will not support fungi (mold) or termite infestation and also will not burn, giving the homeowner peace of mind.



Photo # 3 – Floor Framing

For further information, please contact **VICWEST THERMASTEEL** at 1-877-484-8778, e-mail us at thermasteel@vicwest.com, or visit us on our website at www.vicwest.com.