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editor
Elizabeth Campbell
5584 2219
campbelle@
gcb.newsltd.com.au

editorial
Dean Publications
5503 1722
judy@dean
publications.com

advertising
Michelle Feruglio
5584 2174
home@gcb.
newsltd.com.au

cover picture
Metricon
goldcoast.com.au 1degree.com.au

Accuracy put to the test

BUILDERS need accurate steel-framework to be able to do their job properly, says manufacturer Jay Saeedi.

Director of 21st Century Steel Homes and Frames (BSA 1005219) Mr Saeedi said wall frames, floor systems, trusses, and overall framing and structure were vital elements in any project.

"My company understands the problems builders experience when dealing with incorrectly manufactured, supplied or erected framing," he said.

"Correct steel framework allows other sub-contractors to proceed with the project efficiently without hassles."

21st Century Steel Homes and Frames has been creating steel-frame projects for the past 20 years and in the past 15 years has focused mainly on supplying and fixing steel-framing components at its factory.

"We offer our services and products to homeowner-builders," said Mr Saeedi.

"We supply and fix our framing system to houses, multi-unit projects, schools and storage complexes, and now we look after individual builders' projects by supplying and fixing steel framing to their design specification."

Mr Saeedi said the company's reputation was based on the quality of the frames it manufactured.

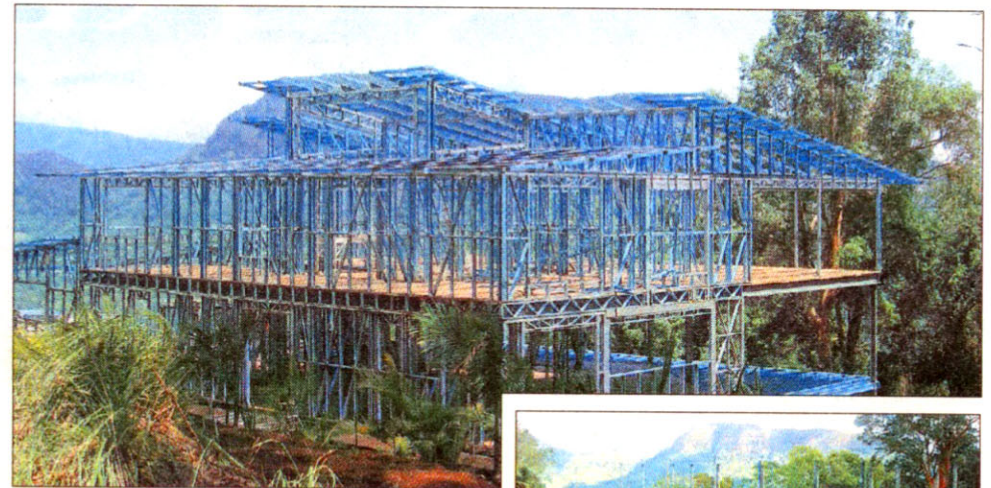
"We have tried different systems and after seeing problems in pop-riveted and screwing systems, we kept these systems out of our factory and operation," he said.

"We stayed with a welded system because it is stronger, thicker and a steadier frame."

The system was designed to prevent movement from heat expansion, and to have no settlement or sagging on large spans and no twisted trusses.

Bracings in the framework are welded and the company uses a 1.6mm stiffened top plate for more strength on load-bearing walls.

"We also use Commercial Z members on our truss cords, and by welding structural posts and beams in the framework we can



Well-built steel frames allow sub-contractors to finish a building efficiently

achieve top results on any project no matter how complicated the design," said Mr Saeedi.

The company can supply the frames for those building a high-set house on posts, beams and joists on a flat or sloping block.

It uses Duragal posts, webbed or structural beams, and Z150 joists to give clients the strongest floor system to suit single or two-storey houses.

A recent project was a two-storey house on posts completed at Lot 639 Tomewin Mount Court, Currumbin Valley (pictured).

Mr Saeedi said the owner wanted to build



the house on posts to capture the views and needed a strong, welded-steel framing system to suit the architecturally designed house.

Added advantages of steel framing include no termite attacks, fire resistance, no settlements, no sagging or rotting timber.

For more information visit the factory at 24 Mercantile Court, Molendinar, go to www.steelhomes.com.au or call 5574 4796.