

# SIGA

## STRUCTURAL ENGINEERING

Siga News

June 2010

### Bathhouse with a view



#### Project:

#### Industrial – Wollongong

#### Key Objectives

- To provide a stable structure, on a sloping site, to support a prefabricated building which is to be used as a bathhouse and change room.
- To design the structural steel support for the floor and frame on the sloping site with only nine posts.
- To ensure that it would be designed for the correct loads.

#### Challenges

- The sloping site and the size of the building! 8m over 26m from a main service road, with 800 deep beams in some places.
- Determining the best possible outcome regarding design criteria, loads and an appropriate layout of the beams and frame.
- Assessing the type of footings required for these site conditions and the type of bracing required.
- Identifying how you brace it.



#### Siga Solutions

- Siga designed and documented the structural steel beams and frame to support the bathhouse.
- Delivering the project documentation on a tight timeline.



How would you like this view at work every day?

#### Chloe's Joke:

Two old men were sitting outside a milk bar with a dog resting at their feet. One man asked, "Does your dog bite?" The other man answered, "No." The first man bent down to pat the dog and the dog bit him. "I thought you said your dog doesn't bite!" "That's not my dog."

*Chloe Simone – 9 years old – hopes you enjoy this joke*

**Need help on an upcoming project? - then please call me today.**

**Frank Simone**