

SIGA

STRUCTURAL ENGINEERING

Siga News

April 2008

It's just an air conditioning unit



**Project: Commercial –
Central Coast**

Key Objectives

- Making sure that the internal works were completed during school holidays – any external works could be conducted at other times.
- Finding a simple way to support the intended mechanical ventilation system (and future air conditioning).
- This project was supposed to be a simple installation of mechanical ventilation onto an existing school hall.

Challenges

- Getting a simple solution to supply the heaviest loads (to include future air conditioning).
- Moving the intended location of the heaviest section of the ventilation system to over an area of the building where it could be supported more simply.
- Attaching to the existing structure.
- Providing for future loads.



Siga Solutions

- Discussions on site to determine the requirements of the system.
- Determining whether the designed system could be altered to simplify the solution.
- Design and documentation of structural steel frame to support the intended mechanical ventilation and future air conditioning.
- Yes, it was a simple and small job. The engineering was the easiest part and getting it done on time, and in a simple manner, were what made the difference... and we delivered!

Zach's Joke:

Q: Why did the golfer always carry a spare golf shirt?

A: In case he got a hole-in-one!

Zach Simone – 10 years old – hopes you enjoy this joke

Warm Regards,
FRANK SIMONE