

# SIGA

## STRUCTURAL ENGINEERING

Siga News

May - June 2008

### Thankfully someone saw the problem



**Project: Industrial – Sydney**

#### Key Objectives

- Identifying quickly the source of the problem.
- Safety of occupants working in the vicinity.
- Determining what to do to ensure trading is not interrupted.
- Providing an opinion on significant movement occurring in the building.

#### Challenges

- Significant constraints such as access and air conditioning units, height of beam, existing tenants and commercial retail premises trading.
- Reinstating the beam and the building as near as possible to its intended condition whilst minimising disruption to occupants.
- This building had suffered termite damage at one end of a timber rafter spanning 40m and had shown many signs of failure.
- This beam, 10-15m above floor level and spanning 40m, had deflected far too much.



#### Siga Solutions

- Siga identified the initial hazard and instructed that the beam was to be made safe immediately.
- Providing a solution which was cost effective, could be implemented quickly in order to minimise disruption to tenants and suitable for the builder was imperative.
- Siga provided the documentation of final solution and necessary site supervision for its implementation, including repositioning (lifting) of beam.

#### Chloe's Joke:

Q: Why did Mickey Mouse run away from home?

A: Because his father was a Rat!!

Chloe Simone –7 years old – hopes you enjoy this joke

Warm Regards,  
FRANK SIMONE