

20th May, 2005

Hello,

Firstly, I hope you enjoyed our last feature project on Action Suzuki in Parramatta. It certainly is a high profile site and very rewarding to hear all the positive feedback on this project.

Our next **feature project** is slightly different, although just as worthy of similar attention. A new building for St Spyridon College at Maroubra is now complete and I would like to share some of the challenges with you.

Some of the challenges were as follows:

- Working out the most suitable foundation design for the considerable fill on site.
- Negotiations with piling contractors to ensure the correct foundations were provided (screw piers).
- Ambiguous construction drawings / specifications and dimensions.
- Changes to blockwork wall designs during construction to minimise costs.
- Working through installation difficulties with the structural steel.

I have included some of the most interesting photographs. If you haven't already taken a look, please do so on the following page.

Siga assisted on this project by providing the following services:

- Ground floor concrete floor slab design and foundation design requirements for screw piers.
- Lift shaft and external pavement designs.
- First floor structural steel beam designs to support ultra floor suspended floor slab.
- Structural steel design to the first floor and roof including trusses over partition walls.
- Design of partially reinforced blockwork walls to the entire building.
- Design of the subsurface stormwater storage tank (Note its not visible in the final photo).

Siga provided site inspections to all the above structural items including the ground floor slabs, external paving slabs, blockwork walls, structural steel including the first floor steel beams as well as assistance with the many and varied structural queries along the way to the finished product.

As Siga has been providing services such as these for over 12 years now, I would personally like to take this opportunity to thank you for being a part of our success.

I hope this feature project is of interest to you and I look forward to speaking to you soon to discuss your current or upcoming projects.

Regards,

Frank Simone
Managing Director

Feature Project

St. Spyridon College, Maroubra



Finished Product

May 2005 the building is ready to use.



August 2004 - The foundation slab prior to pouring.



December 2004 - The steelwork underway.



February 2005 - The fitout for upper level classrooms.



March 2005 - A sign of the times – the water tank lid (foreground).