



7th May 2006

Dear Client,

Welcome to our Feature Project review. Although we promised that our May review would focus on the upgrade refurbishment of the industrial building in Campbelltown, we felt that the enclosed project was just too good an opportunity not to share with you! However, don't worry we'll definitely include the Campbelltown project in our next feature project review.

And, whilst the 2006 Commonwealth Games have certainly come and gone, we hope you enjoyed them as much as we did in getting this project up and ready for the opening.

**So, what is the project?**

Well, the client is Inflatable Image Technologies and what they specialise in is the design and manufacture of the *ShowDome* Systems. This new type of 'structure' is also referred to as the X Box and was part of the Melbourne Commonwealth Games. Perhaps you were fortunate enough to have gone to the games and possibly even saw the *ShowDome*. If not, we have included some photographs and further insights on the following page, and if you're intrigued by this then why not also visit their website: [www.showdome.net](http://www.showdome.net) and view image 3.

It's a most impressive structure, and although it required all the standard engineering principles applied to it such as safety, standards, specifications – the biggest challenge was that there were no Australian Standards in place governing the compliance of this type of structure. And of course, the show must go on when it's an event like the Commonwealth Games.

*So, I hope that you enjoy this review and that the lead up to the end of the financial year will be a positive one for you and your business. Should you have any upcoming projects that you would like to discuss, or think might be suitable to be included as one of our feature projects, then please feel free to call.*

Look forward to connecting with you soon.

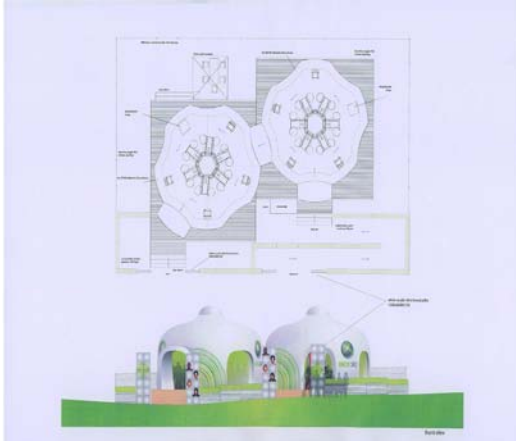
Regards

A handwritten signature in black ink, appearing to read "F. Simone".

**FRANK SIMONE**

# Feature Project - May 2006

## X Box ShowDome at Melbourne Commonwealth Games 2006



X Box display during planning stages

**Location:** Melbourne Commonwealth Games  
**XBox ShowDome**

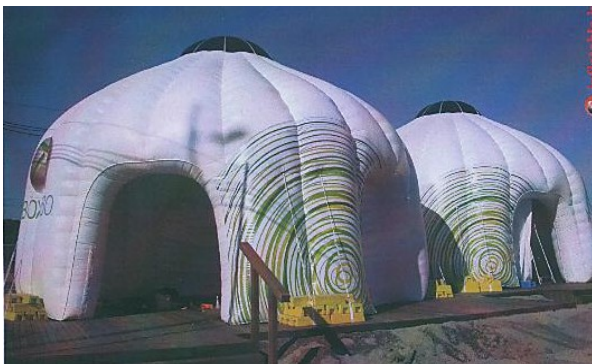
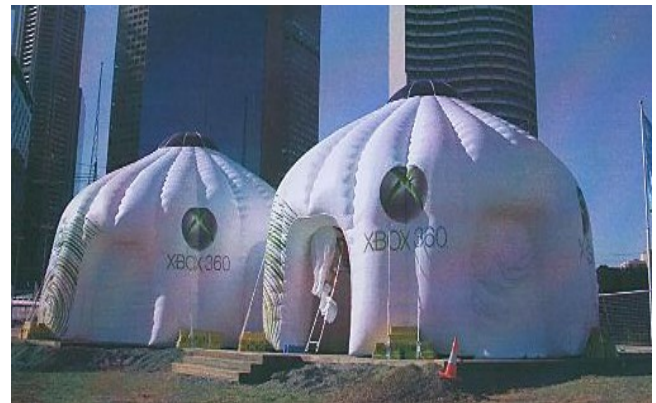
**Type:** Commercial

### Key Objectives

- g** Providing substantiation of structural adequacy under specified conditions ie wind speed of up to 70km/hr.
- g** Preparation of all relevant reports and documentation for the ShowDome.
- g** Working with a highly 'creative' client and therefore communicating in an easy & user-friendly manner vs technical 'jargon'.

### Challenges

- g** **Safety** – as this structure was in a very public area it was critical to make sure that it would not adversely be affected by any winds – particularly up to 70km/hr. This had to work, it needed to be safe and fun – no room for ifs or buts.
- g** **Compliance** – this structure needed to comply with the Building & Event Standards, as well as the local authorities, however, there were no Australian Standards governing such a structure.
- g** **Specifications** – providing accurate specifications without standard guidelines.



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- g** **Asking the right questions of the right people** – liaising with the architect and local authorities to determine what was required to substantiate the safety of the inflatable structure under specified wind load.
- g** **Peace of mind** – liaising with the client to ensure the deadline was met
- g** **Wind calculations** - the wind forces were calculated using AS1170.2 – 2002 which is a standard for wind loads on structures or buildings and therefore the best available starting point.
- g** **On time** – because of the restrictions on the time line, then nothing could be left to chance.

### Testimonial

*'As Australasia's pre-eminent designer-manufacturer of inflatables for branding presence and events, Inflatable Image Technologies, with a who's who list of clients demanding the best in ethics and performance standards, selected SIGA to undertake calculations and certification for the unique, patented ShowDome Systems. Inflatable Image has not regretted the selection, which delivered prompt, courteous service, concise no-fuss communications and – where appropriate – a sense of humour. SIGA supplied what we wanted, under pressure, to a tight timeline.'*

Chris Miller, Managing Director – Inflatable Image Technologies

# FEATURE PROJECT - COMING SOON

**Location:** Ingleburn

**Type:** Industrial

**Key Objectives**

- Trouble-free construction

**Brief Overview**

*This project required a 2 unit industrial building to be constructed. The client, who purchased the property with an approved D.A., also required the structural details. And, whilst this typically is routine, there were some unusual challenges.*

*So, what happens on a project when:*

- *Someone has to organise a C.C. to start construction before March 2006 (or it would lapse)?*
- *The neighbours over excavate into the property by 1.0m?*
- *The property needs all three frontages upgraded?*



*And here's someone who helped us get things under control. One of the friendly concreters –Paul, proud of his handiwork (at the completion of one of the floor slab reinforcement set out).*

Stay tuned for all the Siga Solutions!