

SIGA

STRUCTURAL ENGINEERING

Accurate • Practical • Professional

7th May 2007

Hello,

I trust this year has started off well for you. Whilst it has been a while since we last shared a project review with you, we thought you might be interested in knowing of an interesting project we had earlier this year.

The feature project is on the VAE – “Virtual Army Experience” Show dome. It is one of the world’s largest inflatable structures which is going to be used in a number of different sites around the USA.

I would encourage you to visit our website if you have the time to get a further insight into this, along with the other projects we have been involved in.

I have also included a ‘Current Projects’ section and have an interesting update in this quarter.

I look forward to working with you soon.

Regards,



Frank Simone
Managing Director

P.S. I thought I would share some of my nine year old son’s Sunday Morning humour with you again.

Why did the chicken follow the builder to the building site

.....Because he wanted to see how he laid bricks!!

Feature Project - May 2007

Assessing the risks of one of the largest inflatable structures in the world

(The largest “Super Show Dome” in the world)



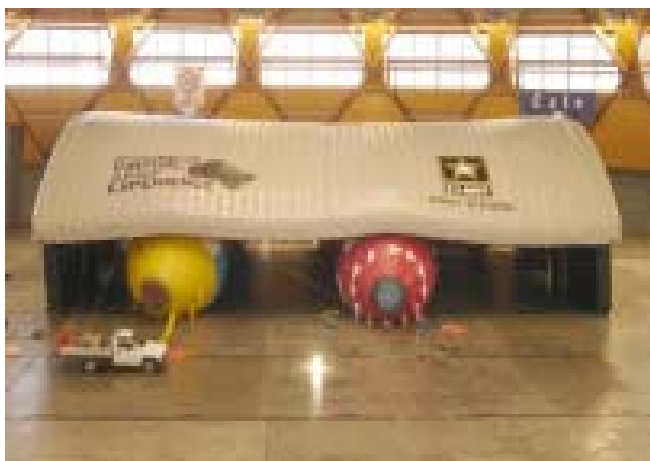
Daytona – USA

Location: USA – VAE (Virtual Army Experience) Show Dome

Type: Commercial

Challenges

- Dealing with an overseas client keen on the product, clearly knowledgeable that it suited their objectives but needed quantification of this.
- Quantifying how it copes with wind, snow, rain, earthquakes and unexpected deflation / collapse where possible. These are not all considered locally but this Show Dome was exposed to all of these loads.

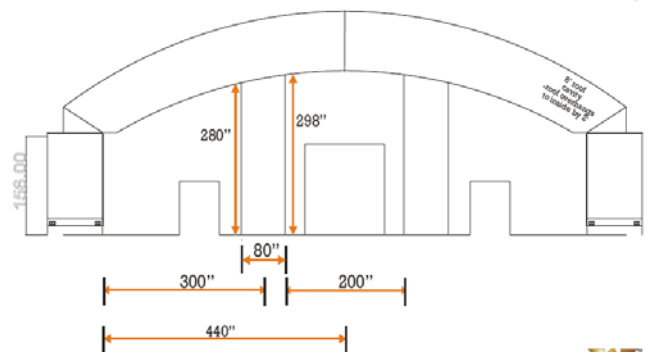


A local test run

Key Objectives

- Risk Management – Minimising risk to the general public was paramount to this project.
- Especially because this super show dome will be assembled on many sites throughout the USA.
- Conditions in the USA vary from those locally to with more emphasis on earthquake and snow loads.

VAE SuperShowDome End-wall-&-Pillars-Distance Dimensions



Dealing with dimensions in inches

Siga Solutions

- Facilitated discussions with technicians in the USA to provide all necessary data for their quantification of VAE Super dome’s structural integrity.
- Structural analysis and certification of wind load drag and uplift restraint requirements.
- Providing accurate specification without standard guidelines and defining the area where local authorities needed to take responsibility for components.

Siga Current Projects - May 2007



Taren Point

Industrial Building for AAMI

2000+ square metre industrial building completed March. Project will be reviewed soon.



Prairiewood

Fairfield Showground Markets

The markets in Feb 2007 (above) – Over 1800 square metres of awning will be revamped, the front will look completely different.



Sydney Airport

Sydney international & domestic terminals

Aircraft nose guidance system support. A small but interesting project.



Auburn

Railcorp upgrades

April 2007

Shoring was required on this project to protect workers doing formwork