

Anthony Down

Structural Discipline Manager



## LINE RESPONSIBILITIES

Responsible for management of Structural Department. Also responsible for project management, design of residential, commercial, industrial, institutional and educational buildings. An important aspect of this role is the coordination of the design, review against statutory requirements and the quality of the documentation. Anthony is proficient in all structural materials including, concrete, steel, timber and masonry structures.

## QUALIFICATIONS

B.E. (1st Class Honours) - Civil  
University of Wollongong  
2001

## MEMBERSHIPS

- NSW Design Practitioner (DEP0000376)
- NSW Professional Engineer (PRE0000366)
- VIC business Licence Authority (PE0001217)
- Chartered Professional Engineer (Structural)
- Member of The Institute of Engineers Australia (2873243)
- General Induction for Construction Work in NSW Certification

## ENGINEERING EXPERIENCE

2012 - Present

JN

Structural Discipline manager from 2017

Structural Project Manager 2012 - 2017

2008 – 2012

Taylor Thomson Whitting Consulting Engineers

Senior Structural Engineer

2006 – 2008

Buro Happold Consulting Engineers

Structural Engineer

2001 – 2006

Taylor Thomson Whitting Consulting Engineers

Structural Engineer

## PROJECTS INCLUDE

### Stage 4 - St Anthony of Padua school in Austral \$100M

The design for the catholic school included the completion of the campus including infrastructure and classrooms for year 5 students through to year 12 students.

### Rockdale Central Mixed Use Residential \$20M

The design involves the integration of 50 residential units and 2 commercial units over 7 storeys, with the addition of 3 basement parking levels.

### DOE Inner West Schools

These projects involve the design and construction of new and improved Education facilities (additions and alterations) for two existing public schools in the Inner west Region:

- South Canterbury Public School \$28M
- Croydon Public School \$35M

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### **DOE Smithfield Region Schools**

These projects involve the design and construction of new and improved Education facilities (additions and alterations) for five existing public schools in the Smithfield Region:

- Fairvale High School \$33M
- Greystanes Public School \$24M
- Lidcombe Public School \$10M
- Merrylands Public School \$9M

### **DOE North West Schools**

These projects involve the design and construction of new and improved Education facilities (additions and alterations) for two existing public schools in the North West Region:

- Epping public School \$15M
- Carlingford Public School \$17M

### **DEXUS 3 – Meriton**

*Engineering Project Manager*

The DEXUS Phase 3 is a multi-residential development and comprises 270 Units, 15 Townhouses, Amenities and Retail. It has one basement carpark for 288 carparking spaces and 5-6 residential floors above ground.

### **Pinnacle development – McDonald St Cronulla (\$10M)**

*Engineering Project Manager*

The Pinnacle development is a high-end residential development in Cronulla overlooking the water. It is a very tight sight with two basement levels for parking and 6 residential levels.

### **Royal Plaza mixed use development, Woodville Street, Hurstville (\$30M)**

*Job Manager*

Concrete framed 13 storey residential building with ground floor commercial and 4 basement carpark levels. I lead the structural design team to deliver this project through design and construction.

### **Star Casino – Multi Use Entertainment Facility (\$1B)**

*Assistant Job Manager*

The MUEF is situated on top of the existing main casino level and replaces the level 03 ballroom structure. Due to its positioning, the new steel structure required a large amount of integration with the existing structure. Supported only on 8 columns, some augmentation and strengthening of the existing structure was required to work around an operating main gaming floor. In addition to the challenges imposed by the existing structure, the new steel structure is of a complex geometric form. This required a high technical level of engineering design and 3d documentation to allow for the suitable spreading of the building loads into the existing structure.

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## PROJECTS INCLUDE (cont.)

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### **Chisholm Institute Automotive TAFE Building (\$15M)**

*Job Manager*

\$15 Million allocated for a new building to house the study of the various automotive trades. The building required a high level of co-ordination for specialist equipment and ventilation requirements required for the different trades.

### **Banc – Sammut Developments (\$10M)**

*Engineering Project Manager*

The Banc is a mixed development in the centre of Cronulla. Converting the old commonwealth bank into retail at ground level with 1 level of commercial office over followed by 2 more levels of high end residential. Three basement levels containing a car-stacker for parking and storage. There were heritage constraints with the original bank building structure and fabric to be retained while constructing the new works.

### **St George Hospital Cancer Care Centre \$5M**

### **Grove Academy Childcare Dapto \$6M**

### **Odyssey House \$6M**

### **Brookvale Childcare and Industrial development (\$20M)**

### **Carnes Hill Community & Recreation Centre, Library & Sporting/ Basketball facilities**

### **Diocese of Parramatta Seminary, retired priests' home & residential development, Harris Park**

### **St Johns Park Bowling Club extensions**

### **Miranda Childcare/Gym/Café building**

### **76 Mitchell Road, Alexandria - Warehouse conversion to 3 storey**

### **Hilly Street Mortdale- 4 storey residential block**

### **Brookvale Childcare & Industrial complex**

### **Wollongong Hospital (IESS) building (\$110M)**

### **Shoalhaven Hospital- Mental health unit extension**

### **Mount Druitt Hospital - rehabilitation centre extension**

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## PROJECTS INCLUDE (cont.)

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**RPA Hospital - Victoria Pavilions refurbishment**

**European Union Residence Brussels (€200m)**

**Design Engineer**

**Templeback, Bristol UK (£60m)**

**Job Manager**

**Heathrow Project T3 Futures Development**

**Design Engineer**

**Heathrow T4 upgrade**

**Design Engineer**

**Blacktown Library (\$20M)**

**Design Engineer**

**376 - 382 New South Head Road, Double Bay (\$15m)**

**Design Engineer**

**ResMed Stage 1 (\$15m) & ResMed Stage 2**

**Design Engineer**

**UTS Offsite Tech labs, Lord Street Botany (\$20M)**

**Warrawee Residential development, 5 Cherry St (\$10M)**

**Engadine Residential development, 160 Woronora Rd (\$10M)**

**Bexley residential development, 496 Forest rd (\$10M)**

**Altrove Stage 6 residential development (\$20M)**