

IN PERFECT SHAPE

At a cost of nearly \$50 million the construction of the new Mental Health Facility at Sydney's Concord Repatriation General Hospital has been the largest and most exciting project embarked upon by the hospital in the last 25 years. Engaged as head contractor, Reed Constructions Australia utilised their vast health construction experience to successfully deliver this critical project, which began in June 2006. The workforce on site was up to 250 people a day and supervised by over 25 Reed employees throughout the life of the project. The facility was officially handed over in March of this year - some six months ahead of schedule.

Situated on 5.4 hectares of Concord Hospital land the project houses a variety of new structures accommodating a range of mental health facilities and is the largest of the 27 projects undertaken to help rebuild the State's mental health infrastructure. Reed were responsible for construction of the facility, which included the precinct roadways, infrastructure and landscaping, incorporating a pool for rehabilitation, volleyball courts and an amphitheatre. In order to deliver the best mental health care services to the clients, also included were an expanded Emergency Department with 37 private patient rooms, a behavioural health safe area, larger trauma rooms and extended waiting area and a new and expanded Intensive Care Unit with 20 private patient rooms as well as the Acute Psychogeriatric Unit, Main Admissions and Support facilities, the Intensive Psychiatric Care Unit, two Psychiatric In-Patient Units, the Acute Adolescent In-Patient Unit, the Psychiatric Activities Centre, the Rehabilitation Unit and an Extended Care Unit. Reed also had a design and construct responsibility on the mechanical services trade.

Overcoming the challenge of managing construction of twelve separate buildings during the construction process required a high level of co-ordination and co-operation from all parties involved to ensure the project maintained its targeted completion time frame.

Environmentally Reed faced a number of problems unique to the Concord Hospital site. With both mangroves and the Parramatta River adjoining the construction area, particular attention was paid to stabilisation of the river banks and prevention of run-off both into the mangroves and pollution of the waterways. To deal with these issues, Reed constructed two large silt settlement basins to contain any site water run off, whilst slowly releasing clean water back into the river system. A

particularly pleasing aspect was the finish of the facility blending into the surrounds, with the extensive landscaping and the views of the Parramatta River, more attuned to a resort ambience than a mental facility.

Reed Constructions Australia Pty Ltd is the construction entity of The Reed Group and is a privately owned and operated company with over three hundred fifty employees nationally. Project experience ranges from shopping centres, hospitals, office buildings,

heritage buildings, registered clubs, hotels, civic works, schools, correctional facilities, industrial sites, roads, bridges, rail bridges, water and sewerage treatment plants. Recent projects include the Queanbeyan Hospital redevelopment, Taronga Zoo Great Southern Oceans exhibit, Chatswood Chase Shopping Centre upgrade, the Australian Museum collection and research building, the Wollongong Northern Distributor extension, the Port Macquarie Link Road, Lismore Pipeline and Pump Station, Gold Coast

Burleigh Golf Club, Redlands RSL Club, and Presbyterian Ladies College, Croydon.

The company was founded in 1979 by Managing Director Geoff Reed and has a current annual turnover of around \$300 million. As a professional contracting company, Reed provides building construction, design and engineering services throughout Australia and has a proven track record of building in the commercial construction, hospitality, civil,

commercial interior fit out, water, health, property, retail and defence markets. The company also enjoys a well earned reputation of completing projects on time, within budget and with the highest of quality outcomes.

Reed Constructions Australia Pty Ltd
Level 3, 41 McLaren Street
North Sydney, NSW 2060
t. 02 9965 0399
f. 02 9955 8812

CONCORD REPATRIATION HOSPITAL

REED
SYDNEY NSW





ENGINEERING FOR A HOSPITAL ENVIRONMENT

In completing the metal works package for Concord Hospital, Today's Engineering were well aware of the thought processes that government agencies go through in order to protect the mentally handicapped and disabled from harming themselves. Every item was carefully designed with no hanging points and sharp edges in order to protect all individuals.

The completed package, finished in twelve months, included:

- the outdoor screens
- the stainless rails handrails
- the fire escape handrails
- the administrative glass void area
- and various modifications relative to structural steel

Today's Engineering was started in December

1998 by Gavin Wilson, at the time the only staff member, but has since grown to a team of eleven at their Minto factory. There are four permanent factory staff, four permanent site crew and three administration staff with all staff members directly involved in all facets of the project from fabrication in the workshop, to installation on site and administration. Together the current staff bring a great wealth of experience, enabling the company to do a huge variety of work, such as structural steel, stainless steel, glass work and safety management systems relative to OH & S.

Alongside the usual tools and equipment, the company utilizes après brake which enables them to to fold steel 10mm thick and 4 metres long, together with a guillotine that will cut 6mm thick and 3 metres long. This equipment affords the opportunity of customising brackets etc. to

suit individual specifications and requirements and provides a considerable saving in time by avoiding external contractors.

Although the company has been in operation for less than ten years they have built up a substantial equipment base and key senior staff enabling them to take on reasonably sized projects with adherence to quality and customer satisfaction, and above all to get the job done within the scheduled time frame.

Today's Engineering
P.O Box 5970
Minto 2565
t. 02 9820 5422
f. 02 9820 5466



EXPERIENCED EARTH MOVERS

Earthmoving on the Concord Hospital site was contracted through Ken Coles Excavations, one of NSW's leading plant hire agencies servicing the Sydney Metropolitan Region, The Blue Mountains, Wollongong and the Central Coast. A total of seven contractors were employed on the excavations between March and November 2007.

Ken Coles commenced as an earthmoving and drainage contractor in the early 1950s in Pennant Hills and the Central West of New South Wales. After many years as a contractor, manufacturer and machinery importer, the company continues today as a plant hire agency. Ken's experience in earthmoving and as a business man ensured the current status the company enjoys, as a highly respected agency in the earthmoving industry. The company is still owned and operated as a

family business, following Ken's sad passing away in 2003.

The company's reputation of being ethically sound and of the highest integrity has now seen them into their fifth decade with offices based in Normanhurst employing five staff plus a considerable data base of contractors. Servicing local councils, builders, plumbers, landscapers, electricians and civil works the company has established an extensive clientele over the years in a range of industries including local council work, landscaping, plumbing, electrical, civil and domestic work. Major projects include the 2000 Olympics and the M7 Orbital.

Ken Coles Excavations has developed a large group of earthmoving contractors, with a diverse range of plant, enabling them to meet

all earthmoving needs. All their operators are inducted with Green Card (General OH&S Induction Training for Construction Work) and comply with the OHS Regulation 2001. The company is also a full member of The Civil Contractors' Federation. They offer a free, no obligation advisory service in the field, where advice is needed on the most efficient method of excavation or where access is limited.



Ken Coles Excavations
4 Myrtle Street
Normanhurst 2076 NSW
t. 02 9484 0268
f. 02 9980 7144
e. kencoles@bigpond.net.au
www.kencoles.com.au



SUPPLY SOLUTIONS

Bakers Construction and Industrial have been involved in supplying a range of products throughout all construction stages of the Concord Hospital project from the civil works right through to the fitout. The company, which employs 90 staff, specialises in the supply of quality industrial, engineering and safety products – everything from power tools and pumps to abrasives and electrical needs – to name just a few.

With Concord Hospital their charter was to supply the builder and associated sub-contractors with these products when they required them and that meant avoiding any delay. That the project was finished six months in advance is testament to the fact that both suppliers and contractors responded brilliantly in meeting the demands of the

construction schedule. And this is something that the company really prides itself on – working closely with the customer to achieve the completion of the project on time.

Bakers Construction and Industrial began business in 1921 when Alfred Baker opened a hardware store in Guildford before naming it A.E. Baker & Co in 1928. Since then Bakers have been focused on providing a flexible, responsive and personal service to a range of customers involved in all industries. The original slogan for Bakers was Servicing All Industries, this has since changed to reflect the importance of the construction market and better reflect the high service levels offered through the slogan **Built on Service**.

While Bakers have a strong position in

the commercial and large infrastructure construction market they indeed service all industries including mining, manufacturing, communications, utilities, government, warehousing and logistics. In recent years they have been involved in numerous infrastructure projects across Sydney including the Lane Cove Tunnel, the Chatswood to Epping Rail Link and the M7 Orbital.

Bakers Construction & Industrial
3-9 Forge Street
Blacktown 2148 NSW
t. 02 9852 2222
f. 02 9852 2300
e. sales@bakers.net.au
www.bakers.net.au



GROUP LEADERS

With an involvement right from the very early planning stages, WDS were the preferred supplier to Reed Constructions and subcontractors on the Concord Hospital project supplying not only fasteners and tooling and drilling solutions but also providing expert advice and onsite training to tradesmen and their employees.

From modest beginnings in 1983, the WDS Group has emerged as one of the major suppliers in the fastener industry, not only in their home base of Sydney but right throughout the country. Their highly trained staff realise the importance of every customer no matter how large or small, and offer the highest quality of service available. The WDS sales team involve themselves with the customers' needs from the initial contact through to specification, installation, problem solving and after sales service.

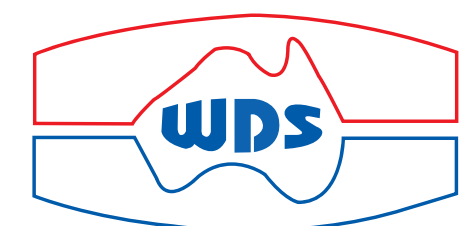
The sales division represents a wide range of

products covering all industries, from small fasteners and self drilling screws, construction anchoring and drilling systems for the building industry, structural bolting, high tensile products for the transport industry, sealants and grouts and a range of proprietary lines they manufacture for the building industry, as well as an extensive range of engineering supplies like abrasives, cutting tools, hand and power tools.

Particularly rewarding for WDS with the Concord project was their direct involvement from start to finish and being able to work side by side with such a successful customer as Reed Constructions. WDS continue to be industry leaders in the supply of construction and engineering products, priding themselves on the quality of the products and services they provide and only dealing with manufacturers of the highest standard.

In recent years WDS has been directly involved with projects such as the Taronga Park Zoo

Great Southern Ocean Exhibit, the Port Macquarie Mental Health Redevelopment, the Lane Cove Tunnel Project, the Cross City Tunnel Project, the Lismore Hospital Mental Health Redevelopment Project, the Bootawa Dam WTP at Taree and the Manly Wharf upgrade.



The WDS Group Pty Ltd
1357 The Horsley Drive
Wetherill Park 2164 NSW
t. 02 8788 8000
f. 02 9725 1622
e. gshadlow@wds.com.au



CLEANING TO A DEADLINE

Based in Sydney's Quakers Hill, Ravan Cleaning Services have been in business since June 1997 offering a comprehensive range of cleaning services to the building industry. The company specialises in daily office cleaning, construction site maintenance and initial to detail cleaning and currently employs a workforce of 79.

Some 27 employees were directly involved with the Concord Hospital project where Ravan faced a number of challenges including the task of completing a detail clean to a 1200m building in under 24 hours.

During their involvement with the project Ravan were responsible for the daily maintenance of

sheds and amenities, the initial clean to all 12 buildings and grounds and the final detail clean to all areas prior to hand over.

In keeping with the high environmental standards observed on the site Ravan made a point of using bio degradable products wherever possible. One of the most pleasing aspects of the project was the company's ability to achieve deadlines, even when they were required to move forward at a moments notice, working with the professional management team from Reed Construction.

In recent years Ravan have been involved with numerous major projects including the Liverpool

Hospital Emergency, the Hornsby Hospital expansion, the Newtown RSL redevelopment and the Taronga Zoo Great Southern Oceans display.

Ravan Cleaning Services
4 Linnet Pl
Quakers Hill 2763 NSW
t. 02 9626 9153
f. 02 9836 1403
e. rravan@hotmail.com

Your number's up ...

robertplumbTM
by William Dangar

Introducing Robert Plumb's range of marine grade stainless steel letterboxes with numbers.

robertplumb.com.au
Telephone: 02 9316 9066

