



## PROJECT FACTS

Developer: Australian Super Developments Pty Ltd ( A wholly owned subsidiary of CBUS)  
 Project Manager: Project Management & Planning Pty Ltd  
 Concept Architect: Denton Corker & Marshall Pty Ltd  
 Documentation Architect: Peddle Thorp Architects Pty Ltd  
 Apartment Architect: Hassell Architects Pty Ltd  
 Design and Construct Contractor: Bovis Lend Lease Pty Ltd  
 Structural Engineer: Winward Structures Pty Ltd  
 Engineer: Norman Disney & Young Pty Ltd

Site Area: 3,900msq  
 Budget: \$200 million  
 Location: Flinders & Exhibition Streets Melbourne  
 Development Type: Multiple Use  
 Redevelopment including construction of the 41 storey Ernst & Young Commercial tower (net lettable area, 45,000msq).  
 Apartments: 61 within the Herald Living Building  
 Tower Design: Denton Corker & Marshall Pty Ltd  
 Completion Date: Oct 2005

### HERITAGE REDEVELOPMENT

Designed to create a new gateway on Melbourne CBD's southern edge, the HWT building remains two-thirds original, with specific attention going into the heritage aspects of the project. Allom Lovell & Associates Pty Ltd along with Heritage Victoria have been responsible for the heritage characteristics of the project and with maintaining the significant heritage aspects of the project.

### URBAN DESIGN

Glass office tower incorporated in the northeast corner of the site. Construction design consists of four prisms of alternating height that create a stepped level roof. The aesthetic of the Ernst & Young building is a complementing contrast to the redeveloped and historically significant HWT building, which will house the Herald Living apartments. The combination of residential and commercial will lead to combined use that will enhance and bring real life to the development. (Although the design is careful to create separate space for residential and commercial tenants). The foyer will incorporate an intimate lounge and café area. The focus of the commercial tower is on employee comfort and workability as well as the aesthetic and functional.

### SOUND INVESTMENT

The national superannuation company CBUS, which own the subsidiary Australian Super Developments, has a number of properties and developments that are considered sound investments. The HWT building is its latest project, providing 2500 jobs for its construction industry members. The logic of creating work opportunities whilst increasing member returns is an intelligent and synergistic policy. Generating benefits for the construction super company's members, most of who work in construction related occupations.



# HERALD AND WEEKLY TIMES Building Redevelopment

## THE HISTORIC HERALD AND WEEKLY TIMES (HWT)

building, has been a landmark in the city of Melbourne since 1923, when it first opened its doors to business and became the home of Melbourne's largest circulation newspaper (from which it takes its name). On the corner of Flinders and Exhibition streets, its location was of prime importance as was the historical significance of the building itself.

In 2002, Bovis Lend Lease were awarded the design and construct contract for the \$170 million, Australian Super Developments redevelopment project of the site bordered by Flinders and Exhibition Streets. The site was divided into two main areas, one where the new Ernst & Young Tower was to be built and the other where the heritage street front buildings were to be redeveloped. Integral to redevelopment was the retention of close to two thirds of the original heritage listed aspects of the building; including the distinctive neon Herald Sun sign.

The redevelopment of the original building in to new apartments was part of the overall vision for the site. The Herald Living Apartments incorporates 61 separate apartments, each with their own individuality and distinctive feel. The interior of the each apartment is individual and unique from the others, taking advantage not only of the high ceilings (4.8 Meters) but also the distinctive space afforded by the building design. The feel is modern European, coexisting as it does in many of the great European cities, with early 20th century architecture.

The developers sought to retain the high ceilings, façade and windows of the heritage building and in doing so, they also retained the feeling of opulence and elegance within. The apartment design was undertaken by Hassell, and successfully maintains the historical anchor points of the original site, whilst embracing thoroughly modern concepts and attitudes.

The north-eastern corner of the site is now home to the Ernst & Young Building, a 41

storey commercial tower by architectural firm, Denton Corker Marshall (DCM). With a net lettable area of 45,000msq, it was designed with the intention of providing a user orientated, minimalist work area where consideration has been given to functionality and comfort without overt displays of architectural indulgence. The result is an easy place to work, where building services have been carefully integrated into a smooth operational system.

Bovis Lend Lease were instrumental in applying value-adding principles to their construction of the tower. In particular, they instigated initiatives that involved redesigning the core, basement and plant rooms to maximise and increase the net lettable area of the overall tower.

The building itself gives the impression of four individual towers rising above and behind the HWT building. The development was created with employee facilities and comfort in mind, and the commercial, retail and residential areas were intentionally kept separate to create an urban space with club lounge and coffee shop positioned in the foyer. State-of-the-art security and HVAC initiatives were introduced and following Bovis Lend Lease's passion for 'green credentials' ESD programmes have also been given a high priority. These include water reclamation, passive environmental solutions relating to building envelope, position, and exterior shading.

Once again, the development is not only a showcase of Bovis Lend Lease's ability to create visionary and environmentally sound buildings, but also a showcase of their consultative approach to major works. An approach that ensures consultation not only with the designers, developers and on-site contractors, but also with the community and interest groups and public as a whole, creating a development that is welcome and already part of the community in which it stands. This ability of Bovis Lend Lease to instigate ownership and acceptance for a new development from the community is an often overlooked, but critical factor in their success.

Another factor in the company's success is their real passion for safety. Once more Bovis Lend Lease incorporated their high safety standards into the project and their strict observance of all OH&S initiatives. This has ensured that Bovis Lend Lease's exceptional safety record continues. The HWT Redevelopment project has once again displayed Bovis Lend Lease at its best and the completed development is sure to continue its long life as an iconic Melbourne landmark.

### BOVIS LEND LEASE





## Paragon Project Management

### PARAGON PROJECT MANAGEMENT

has played an integral role in the relocation of Ernst and Young's new Melbourne headquarters at the Herald and Weekly Times building. Over the past four years, Paragon has acted as Ernst & Young's National Project Manager, having been responsible for the delivery of their new offices in Perth, Sydney and most recently, Melbourne. The Sydney and Perth offices were successfully completed in November and December 2004 respectively, and were fitted out to comply with the new work space strategy. Ernst and Young have been pleased with the realized benefits of the new design, and await similar results in Melbourne.

Paragon's role for Ernst & Young in Melbourne

included assisting in the process of finding new premises, Agreement for Lease negotiations, and the integration and design of the fitout. The Melbourne project was interesting in that during the building process, Ernst & Young integrated with Arthur Anderson which impacted on the initial design phase, however following a review of their new and larger business, Paragon had a better understanding of Ernst & Young's increased spatial requirements.

Paragon Project Management has 14 years of experience working with top tier companies to ensure positive end results, and specialize in large commercial fit outs of this nature. Paragon's service offering commences with applying construction risk and build-ability advice into the Agreement for Lease process,

followed by integration and design management, and all other aspects of project delivery.

This 'hands on' successful project management company focuses on maintaining a small group of high quality clients. Paragon does not adopt the "one size fits all mentality" but prefers to work on each unique project from first principals to completion, and deliver it in a manner to suit the client's needs, whilst managing time, quality and project costs.

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## Minesco Pty Ltd

### FOR 25 YEARS MINESCO PTY LTD HAS BEEN ONE OF MELBOURNES LEADERS

in the façade industry, specialising in glass and aluminium curtain wall systems for large-scale construction projects. The company has built a strong reputation for cost-effective design solutions in curtain wall and architectural cladding exemplified by their involvement with the 40-storey Herald Weekly Times project on the corner of Flinders and Exhibition Streets in Melbourne's CBD.

Minesco has a long history of involvement with iconic commercial and institutional projects in the eastern states including the Telstra Dome for Baulderstone Hornibrook, the MCG refurbishment for Grocon and the Melbourne Museum and Melbourne Exhibition Centre for Baulderstone Hornibrook, Myer Music Bowl Redevelopment for Victoria Major Projects, Crown Casino and Podium for Crown, the Airport Link Stations in Sydney for the NSW Railways and the Royal Alfred Hospital. Following the success of the Herald Weekly Times project, Minesco are now undertaking the façade for a government project in Canberra for Bovis Lend Lease.

The company was contracted to supply and install the curtain wall for the 40-storey tower, as well as Alucobond™ aluminium cladding to components of the project.

Minesco has factories in Melbourne's western suburbs including a large range of cutting, milling assembly and glazing equipment, meaning that all the required façade work can be done locally. 'We find that we are much better able to control quality and respond to design changes quickly by manufacturing locally and we are well supported by a wealth of experienced local component manufacturers' says Herme Rabl, Project Manager.

Approximately 40 of Minesco's 60 employees were involved with the Herald and Weekly Times project, and during the installation phase up to 25 of them were on site at any given time. The company maintained assembly and glazing crews of 30 people who worked day and night shifts to stay ahead of site requirements and the project's tight program. Their involvement has spanned one year on site and the project has just been completed.

Minesco prides itself on successfully completing complex projects with innovative solutions and often with the support of those who have built their businesses alongside Minesco since director Terry Cremasco came to Australia to work as an engineer on infrastructure projects in the early 1970's.

Minesco is where the impossible ... is made!

For more information on Minesco's façade design solutions, call (03) 9855 2022 or visit [www.minesco.com](http://www.minesco.com).



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## Parchem Construction Products

### PARCHEM CONSTRUCTION PRODUCTS HAS SUCCESSFULLY

served the construction market for over 35 years through the supply of leading brands in concrete curing compounds, grouts, anchoring systems, concrete repair products, flooring, architectural coatings, sealants, joint fillers, waterproofing materials and waterstops. Parchem is committed to the continuous pursuit of constructional supply excellence to the civil engineering, commercial and industrial construction industry by providing construction solutions to meet the total needs of a project.

In addition to the products which it manufactures in Australia, Parchem brings to the Australian market, products and technology from all corners of the globe. Parchem's

leading brands include Fosroc, Index, Emer-Clad, Emer-Seal, Emer-Proof and Vandex.

Parchem was there to deliver their experience and knowledge during the construction of the 36 level tower above the former Herald and Weekly Times building in Melbourne. Parchem's products used on this project included Index Fidia and Index Testudo bituminous waterproofing membranes used for foundations, basements, and roofs. The process includes applying two layers of the Index membranes then a concrete slab to some areas and on areas such as exposed roofs, a mineral finish Testudo membrane is applied which provides additional protection from UV. Also used, Emer-Proof 950, a tough, durable, flexible waterproofing membrane used in plant

rooms and walkways subject to pedestrian traffic. All work was carried out by Bicon Pty Ltd who were closely involved in the detailing process from the early stages of the project.

In addition Parchem offers onsite support and a technical service hotline with practical advice on product selection, application guidance and general technical assistance either during the design or construction phase of a project. They welcome projects of all sizes and are committed to delivering the highest level of value and service to every customer.

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## LCR LINDORES GROUP CRANES

**OVER THE PAST 18 MONTHS, LCR LINDORES GROUP** has been working with Bovis Lend Lease on the redevelopment of the Herald and Weekly Times building in Melbourne. LCR Lindores Group (LCR) is the largest privately owned company in its market sector in Australia. The company is involved in heavy/bulk materials handling and associated industrial services.

Engineers from LCR have been working hand in hand with Bovis engineers to make this a feasible project. LCR offers a wide range of tower cranes to match specific needs of access, boom length, speed and capacity. LCR has cranes with booms ranging from 30 to 70+ meters, as well as offering a range of ancillary equipment. LCR has a fleet of modern tower cranes deployed across NSW, Queensland, Victoria and the ACT. The fleet ranges from advanced high speed luffing cranes to 75m hammerhead cranes. Their latest addition is the French designed Potain MC310K12 electric tower crane.

LCR Lindores Groups's services range from basic crane hire to critical works including road closures, interaction with appropriate authorities, transport and mobile cranes, crews and full safety documentation. Their Mobile Crane fleet now includes two 200 t cranes and the biggest and most compact all terrain crane in its class, the AC350. With maximum load capacity of 350t this crane has unmatched maximum boom lengths of 126.4m, an offset tip for luffing fly and Sideways Super Lift for enormous capacity enhancements. In addition to servicing the construction industry, LCR Lindores Group provides services to the mining, transport, infrastructure development, petrochemical and maritime industries.

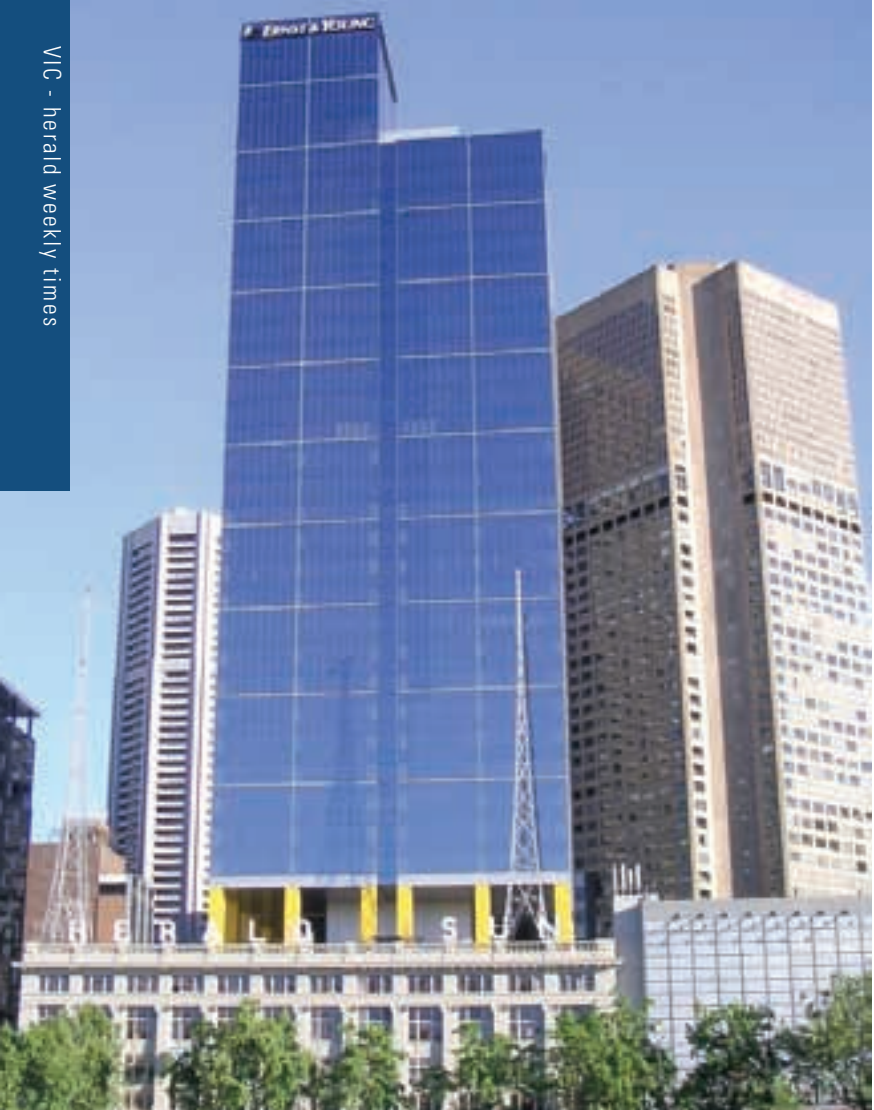
The building of the 36 floor tower required a long boom crane to fit onto the heritage listed Herald and Weekly Times building, with LCR Head Rigger Peter Muzic ensuring the correct safe and efficient operation of their units. Providing experienced crane and rigging crews is an integral part of LCR's service. A specifically designed crane was built to avoid harming the existing structure on which only minimal penetration was allowed. Using one long boom crane to assemble another was just one of the technical difficulties involved.

The difficult building site and the necessity of keeping the historic building intact were challenges that LCR's team had to face while assembling a crane that rises 130 meters up the side of the building. A ten

ton barrier was also installed in the cranes lift shaft to protect the workers, no small feat in itself. Averaging 70 lifts a day the cranes on the site

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HERALD &amp; WEEKLY TIMES BUILDING



NATIONAL AUSTRALIA BANK AT DOCKLAND - VIC



## Herald Living Apartments schiaavello

**SCHIAVELLO IS A LEADER IN THE DEVELOPMENT** of some of today's most advanced interior built environments. In collaboration with developers, design professionals, consultants, and project builders, Schiavello delivers complete workplace, hospitality, residential and retail interiors. A commitment to its clients, design, and the environment ensures each of Schiavello's products and projects are an enduring work of value to their users.

Established in 1966, the family owned company is ranked within Australia's top 500 private companies, with over 1000 employees. The Schiavello Group of Companies operates from its Melbourne headquarters, with showrooms located in every Australian capital city, Tokyo, Singapore and Dubai. Schiavello's success as an international brand comes from establishing valued long-term relationships with its business partners.

Schiavello was the first company in the Australian construction industry to achieve an international environmental certification. Schiavello is an ISO 9001 and ISO 14001 certified business and is a member of the Green Building Council of Australia. It is Schiavello's commitment to sound environmental practices that has led to an increasing number of environmentally aware clients seeking their expertise for new projects.

The Herald & Weekly Times [HWT] site in Melbourne [Cnr of Flinders + Exhibition Streets] is one of the city's most recognised architectural icons. The Herald Sun Building, built 1921-1928, is significant for its monumentality and neo classical styling, which combined with the roof-top HERALD SUN neon sign and the twin radio towers, has conveyed an image of the power and dominance in the print media for the first half of the twentieth century. It is an early example of the commercial neo classical Beaux-Arts influenced idiom in Victoria.

The Interwar period [1916 - 1939] saw the emergence of the newer modern styles, in response to the Great Depression. Interwar Melbourne was arguably the finest period of development, often referred to as "the

beautiful", in which the height limited city was beginning to "fill out" uniformly with a variety of pre-modern structures. Buildings from the Beaux Arts School in Paris featured imposing, monumental scale and were often expressed by giant order columns. New building materials, including reinforced concrete, enabled large interior spaces, whilst exteriors remained classically inspired, often used for banking institutions and very common in New York and Chicago in the 1920's.

The HWT site is currently in the final stages of redevelopment. A 36 floor commercial office tower has been built above the old building, which being heritage-listed, was to be restored to its former glory and transformed from the old Herald Sun publishing offices of 72 years [1922 - 1995] into the prestigious Herald Living apartments.

Schiavello was invited by Australian Super Developments [ASD - Developer of Herald & Weekly Times] and Project Planning & Management [PPM - Project Manager acting on behalf of ASD] to contribute its knowledge during the six month design development period of the Herald Living Apartments Project.

During this period Schiavello's expertise and commitment to quality and superior client service were all factors in their selection by ASD, under exclusive negotiations for the fitout works of the 56 apartments that comprise Herald Living. Following several more months of negotiations, Schiavello was appointed as Head Contractor at the commencement of April 2005, under a Fixed Lump Sum Domestic Builders Contract.

Each apartment has been designed by Hassell to complement the existing historical space. No apartment is the same. Each has been designed and built to capture and maximise the value afforded by the floor-to-ceiling heights of the heritage building. This is certainly not a 'typical' apartment product. Those that are familiar with the apartment market will recognise very quickly that this is a unique project. The interior design is modern; the finishes are of extreme high quality and work well with the natural features of the original architecture creating a distinctively contemporary European feel.

Services and finishes have been selected with great consideration to ensure these apartments are an example of world standards. Finishes and features include Italian marble for kitchens and vanity tops, German and Italian appliances, American Oak timber flooring, Italian wall and ceiling paints, frameless glass shower screens, raised timber floors, painted and timber veneer joinery units, robe and storage doors finished in MDF powder-coat finish [an exclusive Schiavello product].

With commencement on site in July 2005, Schiavello expect a completion date of early 2006. Continuing on from the base building contractor, Bovis Lend Lease, Schiavello was provided with a complete shell as a canvas to create the new apartments. Essentially a concrete warehouse, not merely a propped-up façade, the existing building conditions have made construction of the apartments, with modern services and finishes, a great challenge.

With the resources of the Schiavello Group, many of the products and finishes have been the result of Schiavello's manufacturing expertise. Prima Architectural, a Schiavello Group subsidiary, is the joinery contractor. All timber and aluminium doors have been manufactured at the company's Tullamarine, Melbourne facility. Many other products have been sourced via Schiavello's well established contacts. This has greatly benefited the outcome of the project in terms of quality and timeliness.

Schiavello Group provides total commercial and residential solutions, operating four specialist divisions:

- Project Solutions - design + construct interior infrastructure;
- Interior Fitout - head contract fitout;
- Systems Furniture; and
- Technologies - integrated solutions.

**Sales + Product Enquiries:**  
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# China Southern Glass (Australia) Pty Ltd

**CHINA SOUTHERN GLASS (AUSTRALIA) PTY LTD (CSGA)** was established in 1997, a subsidiary of China Southern Glass Holding Co. China Southern Glass has been in operation since 1984 and now stands as one of the leading enterprises in the glass industry. CSGA is responsible for the sale and service to their Australian clients and offers an extensive range of products to comply with widely varying customer requirements. They specialize in architectural glass such as Solar Shading Low-E Glass, Double Silver Low-E Glass, Float Glass, Solar Reflective Glass, Insulating Glass, Heat-Treated Glass, Curved Tempered Glass, Silver Mirror Glass, Laminated Glass, and Coloured Ceramic Frit Glass.

CSGA was called upon for their expertise in building the 40 level office tower on the site of the former Herald and Weekly Times building. The new high rise is a large project that requires a high level of standards and a timely delivery of a whole range of products and services. CSGA was there to give the best professional advice on glass choices in regards to colors and type of glass that would be most suitable for this building. Variations in angles and height are aspects to keep in mind when choosing constructional glass.

Amongst the various types of glass used for this project were Toughened/Heat Strengthened glass,

Solar reflective glass/Low-E glass, pure white laminated glass, solar pro fully tempered and heat soaked glass, Float glass, Insulating glass, and Ceramic frit glass. The machinery and equipment mainly used in the production are BOC/LAYBORD coating lines imported from America and Germany, TAMGLASS/TTF toughened/heat strengthened glass production lines imported from Finland and Switzerland. APELLET laminated glass production lines imported from Italy, Float glass production lines imported from America, France, Belgian and Germany. CSGA acted as the major glass supplier and also provided maintenance instructions, cleaning schedules and procedures, and production guideline of manual and warranties.

CSGA has worked on many notable projects through out Australia such as the National Australian Bank in Melbourne, Telstra Stadium,

Lend Lease House in Sydney, DIMIA in Canberra, Adelaide City Central Tower and Brisbane Square among many other notable projects. One of CSGA's strong points is their large range of top quality glass. They assure timely and efficient delivery of quality products and services along with product warranty. As part of an international company that employs over 4000 worldwide, CSGA adheres to their company's philosophy to "satisfy the customer", establishing itself as a market leader.

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CHINA SOUTHERN GLASS FACTORY  
SITE IN SHENZHEN, CHINA

## McKenzie Group Consulting

Specializing in consulting, building and surveying services, McKenzie Group Consulting, (MGC) has been in business for 17 years. They have been adding value for their clients since 1988, building on a proven track record of innovation and efficient service delivery. Working on the Herald and Weekly Times building in Melbourne, they have brought their best skills, a consistent approach, and an integrated and proactive method to the overall development.

For the last three years MGC have been working on the staging of the various building approvals of the Herald and Weekly Times building, acting as a liaison between the architect, builder, as well as the local fire brigade. They were provided a special challenge in working with the design team in formulating the alternate construction solutions in conjunction with the Fire Engineers that enhanced fire safety while reducing cost. Concrete columns and steel primary and secondary beams were used to build the tower with no applied fire protection to the secondary beams.

Mr. Vince Panuccio a consultant with MGC stated "the biggest challenge of the project was the fire engineering components and integrating it with the actual building code compliance, as well as coordinating the operational needs of the metropolitan fire brigade.

This challenge was easily overcome using MGC's experience and knowledge and the integration of this within the building permit framework enabled the use of unprotected steel secondary beams. The results reduced constructions cost and enables faster construction

MGC is one of Australia's most experienced building surveying consultancies. With offices in Sydney, Melbourne and Brisbane, they can ensure that you will receive consistent service levels and local expertise no matter where your project is. Valuing the common sense approach with skilled and enthusiastic staff, they aim to develop strong mutually beneficial relationships by identifying and exceeding expectations.

McKenzie Group consulting's main services include building surveying, consulting and building approvals, focusing mainly on large commercial buildings such as the Herald and Weekly Times Development Project. Other examples includes: the NAB Headquarters Victoria Harbour Melbourne, 50 Lonsdale Street, Melbourne and the Melbourne Central Redevelopment.

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## Campbell Cranes

Campbell Cranes have more than 12 years experience in mobile crane hire and machine tool handling, making them ideal for Australian Super Developments' Herald and Weekly Times building, designed by Hassell and constructed by Bovis Lend Lease.

Campbell Cranes provide a wide range of services, including crane hire, forklift hire, transport, storage, rigging and machine tool relocation.

The company has ten cranes, ranging in capacity from the 2.5 tonne Maeda mini crawler up to the 100 tonne Liebherr all terrain crane. The company's director, Brian Campbell, has built up a strong reputation in the construction industry, and together with his son Daniel ensure that Campbell Cranes remains a family business. Brian Campbell has prior experience with Bovis Lend Lease extending for over 20 years.

The Herald and Weekly Times site was quite confined due to the heritage listed façade and the location of many overhead power sources. Planning was crucial at every stage to ensure the correct crane types and work methods were selected. The project offered its own unique problems which required a different way of thinking and a positive attitude by all of Campbell Cranes' operators.

The firm is involved in other similar works such as the Beacon Cove residential development in Port Melbourne and has provided sign placement services for Melbourne



Central and the Ramada Hotel on Flinders Street.

Campbell Cranes are highly experienced in all aspects of works associated with the strict time restraints when working on the streets of Melbourne's CBD. Potential clients are provided with free consultancy and advisory services prior to undertaking or quoting any projects.

The firm has built its reputation on a reliable and efficient service, which is maintained by employing a small number of 15 – 20 dedicated staff members. "Our advantage over everyone else is simply the team that we employ," said operations manager Graeme Kinder. "They're all quality people who are prepared to go that extra yard."

For more information on Campbell Cranes, call 1300 769 869 or email [info@campbellcranes.com](mailto:info@campbellcranes.com).

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## Advanced Security System Pty Ltd

**ADVANCED IS A TOTAL SOLUTIONS PROVIDER** offering a full range of Technical Services across all business sectors. With a company history that spans over 100 years, Advanced has established itself as a leader in the industry servicing clients such as Ernst & Young among many other notable blue chip companies. Advanced is a privately owned company, ensuring a streamlined management process that has allowed for continued growth over many years. The entire team, comprised of over 300 highly motivated professionals throughout Australasia, pride themselves on quality results and a 'can do' attitude.

Advanced Security specialises in complex and critical security environments using the latest in security monitoring and recognition technology. Their expertise entails Technical services and maintenance including Security, Building Automation, Mechanical and Hydraulic Systems, and Fire Protection among other essential services.

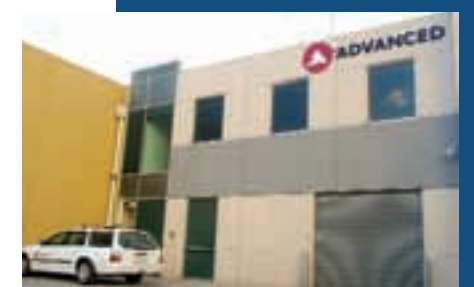
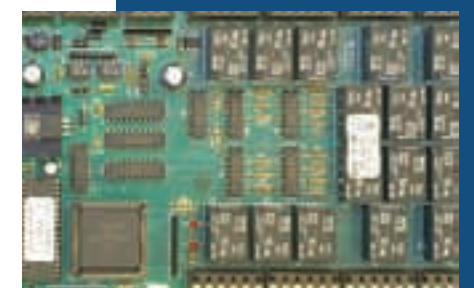
Advanced products and services include the supply, installation and maintenance of Security Systems such as Lenel Systems, Geutebrück Digital recorders, Cardax Systems and the TCT Atrium Building Automation System. Products such as Interlink® have been developed and are used throughout prisons in NSW as an integrated security solution. Their product range is diversified and concentrates on high end integration of systems, offering clients a "one stop shop" for all Technical services. Through Advanced Security's maintenance systems, the customer's system/product lifecycle is extended to ensure value for money. With in house qualified project managers, highly skilled engineering personnel and in house R&D capability,

Advanced continues to develop leading edge solutions for the market as well as their extensive customer base.

Advanced Security's expertise proved effective to clients Ernst & Young, the anchor tenant of the 36 level tower located on the site of the former Herald and Weekly Times building. Lenel was chosen for the security system for Ernst & Young due to its high end software management system and competitive price. Advanced has been responsible for installing similar security systems in other Ernst & Young facilities including head office locations in Sydney and now Melbourne. With Bovis Lend Lease as design and construction manager, any challenges the project team encountered were resolved using a consultative and partnering approach.

A collaborative approach with Ernst & Young and a commitment to develop a customer based solution was fundamental to the Advanced Security's success. Advanced have built their reputation on this foundation and pride themselves with a client base extending to over 1000 facilities throughout Australasia. Advanced provides their products and services to the commercial, industrial and government sectors, ensuring installations meet their three main criteria; high quality, timely completion, and working within cost estimates. Advanced truly are a quality provider of Technical Property Services.

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## APPS Electrics Pty Ltd

**APPS ELECTRICS ARE EXPERTS** in the field of electrical services with 58 years of experience, knowledge, and expertise upon which to draw. Established in 1947 as a family business this Melbourne based team of professionals has grown to 175 employees over the past years. Apps has an extensive industry experience having completed installations for commercial, industrial, residential, and hospitals projects and adjust their methods and contracts to meet the specific needs of each customer and project.

Apps Electrics has been involved in the Herald and Weekly Times Redevelopment Project at 8 Exhibition St. Melbourne, since its commencement, from the installation of temporary electrics and forward on to final connections. They were constrained to a very tight schedule to ensure job completion with quality. Four 1750 KVA Caterpillar generators

were placed on Level 35 for electrical services backup in case of failure. The project required that the building be wired twice, starting from the normal supply at the bottom and reticulating to the top, then generator supply from the top reticulating to the bottom. The normal supply system is fed from four main switchboards on the bottom, each with 3000 amps to them, with a total of 12,000 amps.

During the construction 52 out of Apps Electrics more than 175 employees were involved in the electrical installation. They were responsible for lighting, power, switchboards, generator sets to the tower and connecting all major cables to the Heritage Apartment building.

Malcolm Apps had the challenging task of leading his project team while working on the large construction of the 39 level tower. Apps

Electrics is also carrying out electrical services to 56 apartments at Herald Living.

Among other major construction projects that Apps have been involved in over the last 2 years include Southern Cross, Tribeca Apartments, Casey Community Hospital, Yarra's Edge Towers 2, 3 & 5, and 11 Exhibition Street.

Apps commitment to quality is the cornerstone on which they have built their reputation and why they have been successful within the industry. They are there to get the job done with quality, integrity and assurance to customer satisfaction.

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