



## ELECTRICAL EXPERTS SWITCH ON SORELL

The Sorell Apartments project offers John Ayers Electrical (JAE) an opportunity to showcase their integrated design and construct skills, with their team's scope including all electrical wiring, switchboards, lighting systems and NBN data cabling to each apartment.

JAE committed 18 months to the works, from initial design and procurement through to final commissioning. A consultant was engaged to assist with the design and ensure it met with all the required standards and the client brief from Hindmarsh Development.

"The Design and Construct aspect of the project relied on ability of JAE's employees to deliver a quality product that meets the requirements and expectations of both Builder and Client," said JAE Director and Founder, John Ayers.

"This was the second of our projects where we installed and commissioned the NBN cabling network. NBN passed the comment that the product JAE delivered was of the highest quality."

At the height of the project JAE had 10 men on site on a full time basis, with the site crew headed by JAE's highly experienced and extremely capable Site Supervisor Roland, who handled the day to day management of the JAE team and the electrical works.

Hindmarsh Development and Hindmarsh Construction both had high sustainability goals for Sorell which JAE delivered on with energyefficient lighting which met both the BCA Artificial Lighting Code and the Green Star lighting efficiency standard.

As a NECA member who participated in the ECOSmart Electricians program and also holds Clean Energy Council accreditation, JAE are

adept with designing systems and procuring products which will meet energy-efficiency benchmarks.

The biggest challenge for their team was aligning the service providers to meet the Hindmarsh construction timetable. However, as JAE have completed a number of projects with Hindmarsh over the last few years, their thorough understanding of the builder and how they work assisted greatly in ensuring a smooth installation process.

"The Hindmarsh Site Project Manager, Michael Gilmour, is a true professional and this in itself makes my job and that of my Site Supervisor Roland, a lot easier," John Ayers commented.

Other Hindmarsh Construction projects JAE has worked on include Avenue Apartments Canberra City, Verve Apartments Belconnen and Avoca Apartments in Woden Town Centre.

JAE has been in business for 16 years, providing design and construct electrical, data and audio-visual installation services for projects across the residential, commercial and industrial sectors throughout the ACT and surrounding region. The company's 28 staff includes 3 supervisors, 5 site foreman, 14 tradesmen and 6 apprentices.

With their diligent approach to workmanship, commitment to high levels of safety and experience in the leading-edge of electrical and data systems, JAE ensure that all their projects are completed in a timely manner and to the highest standards of quality.

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## AN HVAC COMPANY FOR ALL SEASONS

Canberra is known for its weather extremes, from the baking heat of the dry summers through to the frigid, frosty winters. This makes it an essential for a residential project like Sorell to have the best available air conditioning technology installed, by a company who really understands the local climate like Millennium Heating and Cooling (MHC).

MHC supplied and installed all of the project's mechanical services, including Toshiba air-conditioning systems to all the apartments and exhaust systems to the car park and bathrooms. From initial rough-in of the services through to fit off and commissioning, was a 12-month full-time project for two staff from the MHC team, who worked closely with Hindmarsh, the architect and the interdependent subtrades to ensure a smooth and timely completion.

"By installing Toshiba air-conditioners not only does their sleek and modern design look good, the running costs are lower due to the inverter technology," said MHC Director, Don Barr.

"Any challenges we had were quickly sorted out between Keiko Mino from Antoniades Architects, Peter Carrington from Peter Carrington & Associates and Michael Gilmour (project Manager) from Hindmarsh."

Don expressed his appreciation of the Hindmarsh team, and complimented the excellence of their management and delivery of Sorell.

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"The streamlined process of working for them on this project made it extremely easy to get the job done, and we look forward to working for them in the future," he said.

MHC is a family-run business which has been providing reliable, costeffective and efficient heating and cooling solutions across Canberra for 14 years. The company's track record includes commercial, residential and hospitality projects, with MHC taking pride in working closely with each client to ensure an optimum result.

MHC's six employees include air conditioning installers and technicians, and a trade qualified gas fitter and plumber. In addition to air conditioning and heating supply, installation and maintenance services, the company also provides a test and tagging service. Because meeting the needs of clients across the ACT and Queanbeyan is the company's highest priority, MHC are available seven days a week for customers

So whether it's a searing 40 degree Sunday outside or a frost-bitten Friday, MHC can provide the expertise and the leading brands of HVAC technology to ensure a comfortable indoor climate, all year round.

*For more information contact Millenium Heating & Cooling,* GPO Box 2850, Canberra City ACT 2607, Don Barr - mobile 0417 023 685, fax 02 6280 0072, email mhc1@live.com.au





## SURVEYING TO DELIVER THE BUILT ENVIRONMENT

For over 30 years LANDdata Surveys has been providing Hindmarsh Group with timely, precise and thorough surveying services. For Sorrel Apartments as with most of their projects, LANDdata were one of the first consultants to set foot on the site, and will be one of the last to leave.

A comprehensive set of services were provided throughout the project lifecycle including detail surveys for design of buildings and civil works; boundary surveys, subdivision and easement creation; set out of the structure; work as executed surveys and preparation of Unit Title Plans.

"The preparation of the Units Plan is a critical step in the success of multi-unit developments, where a delay in the registration of the Units Plan has significant cost implications. LANDdata has prepared Units Plans for thousands of units, with single plans comprising in excess of 300 units," said LANDdata Managing Partner, David Sloan.

"Our approach of preparing the Units Plan well ahead of time and circulating it to all of the stakeholders in the project facilitates registration at the earliest possible time."

Time was a critical factor for successful delivery of Sorrel, and<br/>LANDdata's personnel comprising more than thirty skilled staff including<br/>Registered Surveyors, Geographic Information Specialists and ProjectFor more information contact LANDdata Surveys Pty Ltd, 3/151 Newcastle<br/>St, Fyshwick ACT 2609, phone 02 6239 3088, mobile 0417 430 521,<br/>email david.sloan@landdata.com.au, website www.landdata.com.au



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requirements immediately. The company frequently has up to 12 teams in the field each day working across a wide variety of projects.

LANDdata prides itself on adopting leading edge technology and innovative surveying techniques to deliver productivity gains and optimal project outcomes.

Recently the company secured their first two projects where ground data will be captured using a drone aircraft equipped with sophisticated GPS, digital camera technology and sensors which combine to deliver data suitable for design of new infrastructure.

"Over large sites, this technology will deliver significant savings in both cost and time," commented David.

LANDdata Surveys has ten partners in the practice ensuring our succession plans are achieved in order to strengthen the longevity of the practice.

David adds, "Our client focus ensures that we form a close relationship with the developer, the builder, other consultants and all trades on a project. This "team approach" ensures the best possible result for the project."