



*25 years*  
*of excellence*

electrical  
fire  
hydraulic  
mechanical  
sustainability  
transportation

**consulting  
engineers**



# engineering >> **smarter** buildings

designing intelligent buildings for today, tomorrow and the future.











# welcome

Over the past 25 years, JBA has grown to become an innovative, efficient and solution driven multi-disciplined building services consulting engineering firm. We strive to deliver on our engineering principles of sustainable design, commercial viability and the use of intelligent technologies, to create and engineer smarter buildings.

Our family orientated company nurtures the individuality of our staff, captures the creativity and drive of our team to solve problems, creates close intimate and understanding relationships with our clients, provides a tailored service to our clients needs, delivers professional and high quality documentation and strives to excel in any space the team operates.

From the team at JBA, we are proud to demonstrate who we are and what we can offer. With the last 25 years of success behind us, we believe we are the smart choice for providing building services engineering for your project. It is through the culmination of design, innovation and feasibility that the JBA team can engineer smarter buildings for today, tomorrow and the future.

Jeff Bryar

Founder and Managing Director





# our carbon promise

To become carbon neutral and engineer smarter buildings that are efficient, automated and intelligent.

As our community becomes more aware of the impact of excessive carbon use on the environment, JBA is working towards a sustainable future by designing systems which are low in overall emissions and utilise renewable energy technologies.

As part of our promise we are working towards reducing our own carbon footprint. We run a number of sustainable initiatives including our Waste Reduction and Recycling Program, efficient low energy lighting, the purchase of carbon offsets, the use of Green or Renewable Energy and supporting our staff to choose low emission forms of transportation.

Together we can make a difference.



green building council australia  
MEMBER



# design







# your project

We understand that every project is unique – different in size, application, quality and character. With JBA looking after your project we seek to understand your requirements and design engineering solutions to meet the objectives specific to your project.

Your project will be assigned a dedicated Project Manager who will be the coordination point of contact for all the services JBA is providing your project.

We have extensive knowledge and experience in designing engineering solutions for a wide range of projects including luxury residences, low to high density housing, commercial offices, tenancy fitouts, aged care facilities, specialist medical clinics, hospital and general health services, industrial, government, education, leisure and recreation, hotels and retail developments.

With an ever increasing environmentally conscious community, we design solutions which are environmentally sustainable and achieve a lower carbon footprint for your development.

Our advisory service can assess your project and provide recommendations in achieving your desired outcomes.



# creativity







# our team

With our diverse and multi-disciplined experience we have created minds that think laterally in all facets of building services resulting in our team working together to deliver a high level of engineering excellence for your project.

Our team is constantly communicating with suppliers and manufacturers, to understand and deliver both cutting edge and proven technologies to meet your projects needs.

As a grass roots family company, JBA is evolving and growing as any family would. The values we share consist of cooperation, dedication, excellence and integrity. With these values and the skills and knowledge of our team, we are able to express our unique character through the art of engineering.

Our team utilises the latest information communication technology to communicate, collaborate and develop your projects designs. This enables us to efficiently manage and deploy solutions for a diverse range of projects and design criteria.

Our design team is supported by dedicated administration and support staff who enable the design team to stay focused on what they do best – design.



# our services

We provide a professional, tailored engineering service in the disciplines of Mechanical, Electrical, Fire, Hydraulic, Sustainability and Transportation. Engineering is the application of scientific knowledge, mathematics and ingenuity to develop solutions for technical and practical use. We pride ourselves on our ability to deliver quality and smart engineering solutions.

Our design process starts from initial consultation, schematic design through to tendering, construction management and defects liability. Our multi-disciplined staff ensure that your project receives a fully integrated services solution. This holistic approach to design means greater efficiency in design and construction, reduced communication overheads and tailored project delivery.

We offer a specialist advisory service based on technical feedback and advise on the setup, design and operation of your project. Our advisory service can seek to optimise your existing plant equipment, ensure compliance, identify problems, increase your buildings efficiency or simply review your projects already designed services systems.

Take a look through our portfolio and discover the many projects we have successfully delivered.



Silverwater Resort, San Remo





passion





## electrical

The design of electricity, electronics and electromagnetic systems for power distribution, control systems, signal processing and telecommunications.

- Master planning of electrical and communications site reticulation.
- Substation, switchboard, sub-mains and control centre.
- High and low voltage reticulation layouts
- Stand-by generators, uninterrupted power supplies (UPS), battery backup and co- and tri- generation platforms.
- General and specialised lighting solutions
- Solar power generation for integration into central power grid.
- Audio visual systems integration
- EWIS and emergency evacuation alarm systems.
- Smoke detection and alarm systems
- Emergency and exit lighting design
- Building automation, integration and control
- NBN, PayTV, MATV, data, communication and smart network system design
- PABX/VOIP systems integration
- Earthing and lightning protection
- Building code compliance including Section J6 analysis
- Authority liaison for supply requirements and maximum demand calculations



## fire

The application of science and engineering principles to protect people and their environments from the effects of fire and smoke.

- Automatic wet pipe sprinkler systems
- Fire detection, protection and suppression systems
- Fire pump room, tank and back-up generation layouts and requirements
- Analysis of authority water pressures and requirements
- Fire engineering implementation and fire authority approval (CFA, MFB)
- Hydrant and hose reel systems
- Gas suppression systems
- Pre-action (dry head) sprinkler systems



## hydraulic

The design of the flow and conveyance of water, waste and gas.

- Analysis of authority requirements, consultation and application
- Domestic cold, hot, tempered and warm water reticulation.
- Recycled and rainwater harvesting and reuse systems
- Roof, stormwater, sub-soil and surface drainage
- Sewer and greasy waste systems
- Hot water generation plants and solar hot water pre-heat systems.
- Trade waste systems and treatment
- Gas supply reticulation and demand
- Grey and black water systems





## mechanical

The design of indoor environment control.

- Central or distributed plant air conditioning systems such as; chilled beams, constant volume, multi-zone, variable air volume, packaged and multi-head VRF systems.
- Ventilation; supply and exhaust applications, fume and odour control and smoke management.
- Refrigerated coolers, cool rooms.
- Steam generation and processed water.
- Compressed air and medical gas systems.
- Stair pressurisation and relief air systems.
- Hydronic heating system including slab heating, radiators and base board.
- Building automation, integration and control.
- Kitchen exhaust including UV systems and associated make-up systems.
- Building code compliance including Section J5 analysis



## sustainability

The use of energy and resources without compromise to the environment.

- Conduct and analyse thermal residential star rating First Rate5 assessment.
- BCA Section J energy efficiency certification including Deemed To Satisfy and JV3 energy modelling solutions
- Produce Town Planning sustainability reports.
- Liaise with local councils on sustainability policies and incentives.
- Feasibility and life cycle costing of sustainable initiatives.
- Conduct Greenstar and NABERS energy audits and certification.
- Master planning of sustainable initiatives for urban design.
- Provide daylight and shading design advice supported by 3D modelling
- Assist in the design of naturally ventilated spaces
- Suggest feasible and sustainable policies and targets.



## transportation

The application of technology for the safe, rapid, comfortable and convenient movement of people and goods.

- Vertical elevators, escalators and travelator systems
- Analysis of passenger waiting times and performance.
- Car lifting systems



# advisory

The application of advanced knowledge and skills to create a set of recommendations and feedback.

We offer a specialist advisory and review service which provides service based technical feedback and advise on the setup, design and operation of your existing or proposed building services.

## Service Review

A service review is an analysis of your current or potential sites existing building services. It can identify potential efficiency gains, equipment optimization techniques, design adherence, compliance with applicable codes and outline possible upgrades or changes to meet your targets.

## Diagnostic Review

A diagnostic review is conducted if your building services are not performing the way they were intended or the way you thought they should operate. We can conduct detailed testing and plan reviews which can identify factors that contribute to the inefficient performance of equipment. A diagnostic review can recognise potential problems and recommend solutions to minimise or repair poor system performance.

## Design Review

A design review offers an independent overview of your projects building services that have already been designed and documented. We conduct a strategic analysis of your projects designed systems and align these with your targets.



# rewards and awards

Whilst the best reward for successfully completing a projects design is the appreciation of a happy client – we have also been awarded for our engineering innovation and excellence from industry bodies.

Over the last 25 years we have received numerous awards from the Urban Institute of Australia and Property Council of Australia for our engineering excellence. These awards include the design of Townhouse and Multi-Unit Developments, Commercial Office Developments, Apartment Developments, Medium Density Housing Developments and Sustainable Design.

We believe in being a good corporate citizen and being actively involved in our community - it is simply part of the JBA family philosophy.

We are committed to engaging with our community and supporting a number of charities and organisations by fundraising, sponsoring, volunteering and actively participating. We believe that by connecting with our community we can further understand the influences and expectations of our society.

At JBA we believe that we have a high level of corporate social responsibility and that by being good citizens we can make our world a better place to live.





The Vic, Victoria St, Melbourne

**our portfolio >**





4.5 Greenstars  
Beaufort Building Redevelopment

## commercial offices

### **Beaufort Building Redevelopment**

This project transformed an old hanger into three levels of premium grade office with Greenstar credentials and occupied by a blue chip corporation requiring comprehensive information and security protocol. This building was awarded Australia's best new office 2010 by the Property Council of Australia and a Greenstar design initiative of 4.5 stars.

### **Nomad Road Office Building**

A green field site project of 6800m<sup>2</sup> premium office space including a multi-level car parking facility. This three level office building has been designed to accommodate a single tenant or multiple tenants whilst maintaining Greenstar protocols and retaining a Greenstar design initiative of 4.5 stars.

### **Murray Goulburn Co-operative office fitout**

MG's corporate head office tenancy fitout of 6250m<sup>2</sup> required stringent energy initiatives to be implemented to achieve shareholder and market expectations. Greenstar initiatives (4.5 stars) were undertaken and implemented with successful results. Incorporated into the overall scope was a large international I.T. data centre with hot and cold row air conditioning, standby generators, UPS systems and intricate data dissemination strategies linking satellite offices to the main server banks. The design incorporated a complete Building Management System for both tenant and base building owner utilisation. The comprehensive system included individual DALI addressable lighting systems, indoor temperature





Worksafe  
Hammond Offices

Premium Office Space  
Nomad Road

sensors, mechanical equipment control, electrical and water metering and security alarm system integration. A multi-level staff car park complete with large showering amenities, multiple bike racks and storage was also constructed to accommodate employees wishing to travel to work via alternative methods.

#### Hammond Offices - Worksafe

A re-development office space to meet government requirements for Worksafe assessment staff. Specific lighting controls were implemented with passive infra-red lighting systems utilised. Low level lighting was also adopted to reduce energy demands while maintaining the sensitivity of the 'Worksafe' office space.

#### Other Projects:

- 607 Bourke Street, Melbourne 20 Storey
- 305-315 Latrobe Street, Melbourne 12 Storey

- 455 Bourke Street, Melbourne 10 Storey
- 454 Collins Street, Melbourne 10 Storey
- Drive, 202 Ferntree Gully Road 3 Storey
- 101 Collins Street, Melbourne
- Porter Davis Head Office, University Hill
- Port Security Alarm Control Centre, Port Melbourne
- Brandon Business Park
- 355 Main Street, Lilydale
- 1 Exhibition Street, Melbourne
- Como Centre, South Yarra
- 440 Collins Street, refurbishment
- VicRoad offices fitouts
- Work Cover Victoria office design
- Level 8, 440 Collins Street Fitout





147 Apartments  
58 Clarke St, Southbank



85 Apartments  
Montage, Docklands

## residential

### 279-289 LaTrobe Street, Melbourne

A 40 storey tower designed by The Buchan Group which incorporates a church, teaching facility, car parking, offices, retail stores and 270 residential apartments.

### 58 Clarke Street, Southbank

A 33 level, 147 unit high rise development by Vic Land Corporation and Maxcon Construction. The tower includes sky gardens, common areas and centralised plant areas reducing the need for large apartment footprints and eliminating balconies.

### The Pinnacle, Doncaster Hill

Rightfully named The Pinnacle, this ultra modern apartment complex is located in a premium position opposite Westfield Shopping Centre on Doncaster Hill. The development comprises of 2 levels of offices and 158 residential apartments over

10 levels including 2 exclusive Penthouses and is the first development in the precinct to provide recycled water utilising Yarra Valley Water's second pipe system.

### Docklands

Our Lend Lease Dockland projects include; The Montage - 85 apartments, The Merchant - 135 apartments for both Public and Private residential dwellings, Dock 5 - Office conversion and Serrata Tower - 144 apartments.

### The Park

Built over 8 years on the old Lonsdale and Gasworks site in Port Melbourne, this Becton development comprises of over 900 apartments ranging from townhouses through to 9 storey towers with large central gardens and various recreational pools and community areas.





956 Apartments  
The Park, Port Melbourne



270 Apartments  
279 LaTrobe St, Melbourne

### Kensington Village

A Becton community development comprising of 650 public and private dwellings ranging from two storey townhouses to 7 level elderly persons units and apartment towers.

### The Vic, 212 Victoria Street, Carlton

Located opposite the Victoria Markets, The Vic has a shimmering facade enveloping 283 one and two bedroom units, rising to 18 stories.

### Other Projects:

• Casey Towers - Narre Warren	200 apartments
• 470 St Kilda Road, Melbourne	176 apartments
• Kingston Park Apartments, Highett	134 apartments
• Tower 5, Beacon Cove	126 apartments
• 95 Dow Street, Port Melbourne	120 apartments
• Portside, Port Melbourne	120 apartments

• 505 St Kilda Road, Melbourne	120 apartments
• The Port, Port Melbourne	95 apartments
• Metropol, St Kilda Station	90 apartments
• 1044 Mt Alexander Road, Essendon	88 apartments
• 9-23 Rex Avenue, Alphington	81 apartments
• Abingdon, Canterbury	64 apartments
• Elan Apartments, Melbourne	62 apartments
• SY21 development, South Yarra	60 apartments
• 20 Poplar Street Box Hill	43 apartments
• Treasury Apartments, East Melb	42 apartments
• Dorcas Street, South Melbourne	32 Townhouses
• K18, Kavanagh Street, South Bank	26 apartments
• Delgany development, Portsea	18 apartments
• Victoria Square Student Accommodation, North Melbourne	





18 Luxury Townhouses  
The Avenues, Docklands

9 Apartments  
59 Darling St, South Yarra



14 Terrace Houses  
Allure Townhouses, Parkville

# luxury residences

## Allure Parkville, Melbourne

Developed by Drapac, Allure includes a boutique cluster of 14 stunning terrace homes designed by Peddle Thorp Architects. The homes are six-star thermal energy rated and include a high level of sustainable design.

## 82 Mathoura Road, Toorak

Developed by Metrobuild and aptly named 'Beau Voir', representing luxury living in crafted architecture and high quality finishes. The design includes maximising limited utility space, lap pool facilities, solar panels and rain water recycling.

## The Avenues, Docklands

Developed by MAB Corporation and located in the Docklands precinct, the 18 uniquely designed luxury three level townhouses provided river front residences with premium services fitout.

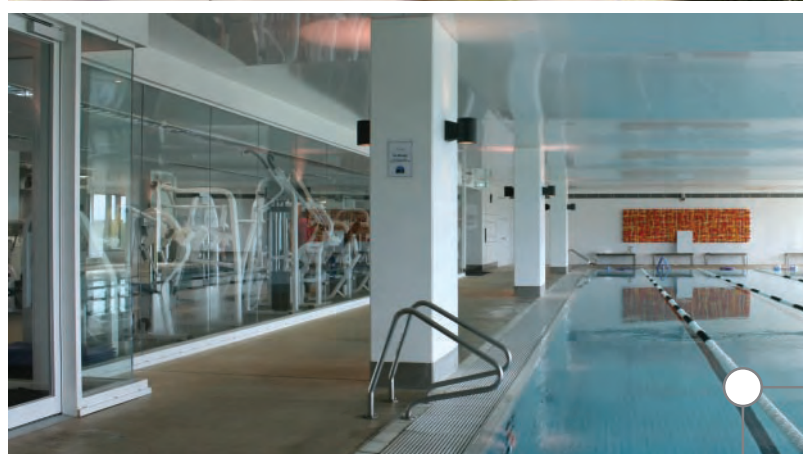
## Private Residences

We have delivered a range of private residence projects with tailored services delivery throughout Melbourne.

## Other Projects:

- |                                  |               |
|----------------------------------|---------------|
| • Martha Cove, Safety Beach      | 100 Villas    |
| • Copelen Tower, South Yarra     | 88 apartments |
| • Sandridge, Port Melbourne      | 10 apartments |
| • 11 Trawalla Avenue Toorak      | 10 apartments |
| • 59 Darling Street, South Yarra | 9 apartments  |
| • Berry Street, East Melbourne   | 8 townhouses  |
| • 282 Williams Road, Toorak      | 7 Townhouse   |
| • Ocean View, Noosa              | 6 apartments  |
| • 1-5 Lansel Road, Toorak        | 5 apartments  |
| • 79 Marine Parade, Elwood       | 4 apartments  |





112 Hotel Rooms  
Peppers - The Sands Resort

83 Hotel Rooms  
Quest Glen Waverley

## hotels

### Quest Hotel

We have undertaken the services design of multiple Quest developments including Quest at Glen Waverley, Bendigo, Bundoora and Werribee. The hotels include self contained apartments with back of house hotel services for cleaning, management and dining services. We developed the 'Quest standard Brief' to allow Quest to maintain a consistent approach to service delivery for all of their developments.

### Peppers – The Sands Resort

Peppers-The Sands Resort adjoins the Sands Golf Clubhouse and offers luxury accommodation and a harmonised balance of facilities that cater for conference, leisure and special events needs in the Torquay area. Built by ProBuild Construction and designed by Perrott Lyon Mathieson, the resort boasts 112 luxury rooms, heated indoor lap pool, gymnasium and lounge areas.

### Frankston Serviced Apartments.

A refurbishment and extension of an existing 10 storey office building to deliver a 140 room apartment hotel, residences and office complex.

### Other Projects:

- Hotel Enterprize, Melbourne
- Silverwater Resort, San Remo
- Flinders Hotel, Flinders
- Como Hotel, South Yarra
- Hogans Hotel, Wallan
- Quay West Suites, Southbank
- Olsen Hotel, South Yarra
- Holiday Inn on Flinders, Melbourne
- Old England Hotel, Heidelberg





Moonah Links Golf Club  
Fingal

The Sands Clubhouse  
Torquay

## leisure & recreation

### Portsea Golf Club

Located in Point Nepean National Park this unique development included a new two level club house complete with members lounge, amenities, bar, dining area, commercial kitchen and 24 hotel accommodation units. Smart sustainable design including vigorous Section J analysis and close association with the Architect allowed JBA to achieve code compliance and maintain large viewing windows for the members dinning room, spike bar, meeting room and the hotel accommodation.

### The Sands Golf Club, Torquay

Perched on the northern headland of Torquay, this project integrated two new interconnecting three-level hotel buildings with an existing renovated clubhouse. The clubhouse re-design included a signature restaurant and bar, back of house

hotel services, change rooms, pro shop and course maintenance equipment storage.

### Tarneit Tavern, Hoppers Crossing

A single level gaming, bar and function centre with specialised security and lighting systems for patrons, area services isolation ability and integration of existing street services.

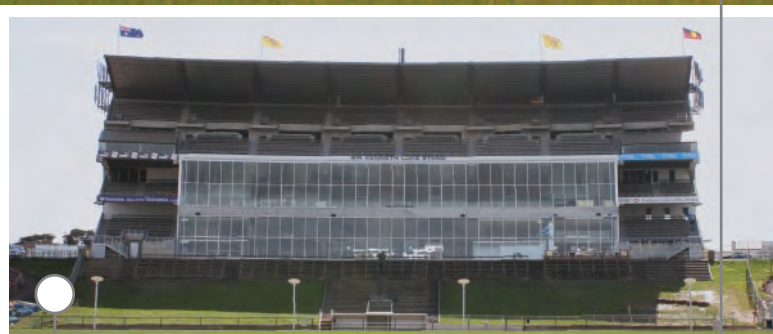
### Moonah Links Golf Club

With 92 deluxe rooms and suites, this development features natural materials, sustainable course maintenance and fosters a high quality golfing experience. Each room was designed to be stylish and energy smart. The club continues to be featured in many architectural publications.





Tarneit Tavern  
Hoppers Crossing



Gym, pool and cafes  
Waverley Park Stadium

Sandhurst Golf Club  
Carrum Downs

### Waverley Park Stadium redevelopment

A redevelopment of the Kenneth Luke Stand, a section of the original Waverley Stadium complex undertaken by Mirvac. The complex houses a state-of-the-art training and administrative facility for the Hawthorn Football Club, a 25m heated indoor swimming pool, four refrigerated ice tanks, a gymnasium with a 60m running track and warm up area, cafes and restaurant facilities.

### Baxter Soccer Club Pavilion

An extension of the current clubhouse delivering new change rooms, function room, kiosk and storage areas.

### La Cappella di Sant'Antonio Mausoleum

Located in the grounds of the Williamstown Cemetery, the mausoleum contains crypts for traditional burial requirements. The facility is constantly air conditioned to maintain low temperatures and specialised lighting to cater for different ceremony requirements.

### Other Projects:

- Sandhurst Golf Club, Carrum Downs
- The Dunes Golf Club, Rosebud
- Spring Valley Golf Club, Clayton South
- 13th Beach Golf Club, Barwon Heads
- Growling Frog Golf Club, Whittlesea
- Healesville Sanctuary
- Parkview Pool & Gym, Heatherton
- Melton Country Club
- Australian Ballet Foundation, Melbourne
- Church of the Good Sheppard, Gladstone
- Broadmeadows Netball stadium
- Runaway Bay Sports Complex, Gold Coast





Social Housing and Community Hub  
Atherton Gardens, Fitzroy

## government

### Atherton Gardens Public Housing

A major upgrade to the existing Atherton Gardens, the Brunswick Street site additions include a 7 level tower to provide 152 energy efficient public housing apartments. This development delivers a high standard of design and amenity and aims to deliver value for money with a functional approach to public housing. The site also includes a large child care and community hub for the Department of Human Services to deliver community services to the local residents.

### Department of Human Services – Shepparton housing Project

Consisting of a mixture of administrative offices and residential buildings, this development focuses on delivering housing for families and provides essential community services – through its central community centre. The administration offices are located in an existing heritage listed building where continuity between

modern and historical design was carefully balanced. Each residential villa is self contained with cooking, cleaning, garage, storage, bathroom and bedroom services.

### Social Housing Initiative - Nation Building

As part of the Federal Governments Social Housing Initiative, we completed 8 major housing projects from refurbishment, addition of existing housing and new housing sites. The program included large green-field sites where new developments were designed to strict environmental, social and quality standards. The majority of dwellings under Stage 2 of the program achieved a six star energy efficiency rating.





Low Income Accommodation  
McIntyre Drive, Altona

### Prevention and Recovery Care centres

The PARC centres are a community based short term residential support for people with mental health issues. Located in Broadmeadows, Clayton, Frankston, Preston and Ringwood, the centres cater for residents needing 24 hour, seven days a week supervised care with the maximum length of stay being four weeks. The centres required close scrutiny of fixtures and finishes to reduce health and self harm risks and constant monitoring systems were implemented.

### Other Projects:

- Highett Gasworks, Highett
- Seymour Community Services Building
- Fairfield Forensic Services
- Puckapunyal Military Base
- Currawong Community Hall
- Municipal city councils and country shire councils works
- Bouverie Community Buildings
- Victorian Foundation of Survivors of Torture, Brunswick
- Moorabbin Town Hall
- Prevention and Recovery Care centres
- Australian Film Commission
- Aeronautical Maritime Research Laboratories (AMRL)
- HMAS Cerberus facilities
- GlaxoSmithKline (GSK) Microbiology
- C.S.L. facilities
- Melbourne University Animal Research
- Vermont Fire Station
- AMRAD Pharmacia Biotech, Laboratory
- 77-79 Grey Street Community Housing, St Kilda





151 Beds  
Clayton Community Aged Care



126 Individual Living Units  
Waverley Country Club, Rowville

400 Apartments  
Brighton Classic Residences

## aged care

### Brighton Classic Residences

With 400 independent units and serviced apartments, Brighton Classic Residences was one of the first large scale retirement villages completed in Victoria. The development won many awards for its energy smart initiatives, innovative design and master planning scheme.

### Ukrainian Elderly Persons Home

A major upgrade to existing infrastructure, the project includes 17 new beds for the dementia wing, a new kitchen and dining room facility, chapel and sitting area extensions and 42 new beds for high care residents.

### Koorootang Martha's Point Retirement Village

Developed by Lend Lease Primelife, residents are offered independent living units with a central community hub for social activities.

### Other Projects:

- Elms Community Village, Kilmore
- Waverley Country Club
- Berwick Brae Village
- Darlingford Aged Care, Eildon
- Kellock Lodge Aged Care Wing, Alexandra
- Springtime Aged Care Residence, Bacchus Marsh
- Baptcare Residential Aged Care facilities
- Somerville and Chelsea Aged Care
- Evelyn Ridge Community Centre & Retirement Village
- Princeton View Aged Care, Brighton
- Camberwell Gardens Nursing Home
- Community Aged Care – Clayton and Eden
- Breezers Retirement Village, Mackay





B.E.R. Program  
Sherbrooke Community School

Two new classrooms  
Nambrok Denison Primary School

# education

## Holmesglen Institute of TAFE, Ramleigh Park

Holmesglen's outdoor campus at Eildon, Victoria included site infrastructure planning, tutorial rooms, lecture halls, kitchen facilities and machinery storage. The design emphasises the importance of eco-friendly buildings and delivers a low level of environmental impact with the use of sustainable building materials and the optimisation of cross flow ventilation.

## Building the Education Revolution

As part of the Federal Governments \$16.2 Billion BER School Modernisation Program we designed over 40 different school projects. This included public and private schools with individual design, template projects and enhanced renovation developments.

## Other Projects:

- University of Melbourne
- LaTrobe University
- Box Hill Institute of TAFE
- Frankston Hospital Peninsula Clinical School
- East Gippsland TAFE Trade Centre
- Defence Force School of Signals, Simpson Barracks
- Victorian Primary and Secondary Schools
- Loreto Catholic Girls School, Mandeville Hall, Toorak
- University High School, Melbourne
- Sacre Coeur Girls School, Glen Iris
- Haileybury Colleges
- St Rochs Catholic School, Glen Iris
- Langwarrin Pre-School





Intensive Care Unit  
Royal Melbourne Hospital

Kardinia Health Super Clinic  
Geelong

Royal Melbourne Hospital  
North Melbourne

## medical & hospitals

### Royal Melbourne Hospital

Projects undertaken include Royal Melbourne Private stage 1 and 2 developments, the Ludwig Institute and the University of Melbourne refurbishments, Neuroscience, intensive care, oncology, research laboratories, Infectious Diseases, Ward and Main block refurbishments, Charles Connibere Building, animal houses, helipad, master planning and various central services upgrades and replacements.

### Kardina Health Super Clinic, Geelong

Under the Federal Government Super Clinics' Program, the clinic established a multidisciplinary, vertically integrated health services practice and training centre.

### AAMI Park Medical Imaging Centre

Imaging, radiology and musculoskeletal treatment centre at East Melbourne, AAMI Park complete with MRI and CT scanners.

### Seymour District Memorial Hospital

Refurbishment of Renal Dialysis, Ambulatory Care Centre, Nursing Home and Community Services buildings designs.

### Other Projects:

- South Morang Super Clinic
- Victorian Rehabilitation Centre
- Cedar Court Rehabilitation
- Essendon Hospital
- Werribee, Frankston, Epworth and Hayfield Hospitals
- Florence Nightingale Hospital
- Diamond Valley Mercy Hospital
- Frankston Psychiatric Ward
- Prime Health Centre, Laverton North





Site Transformer Switch Room  
Toyota Motor Company, Altona

Services Department  
Holden, Doncaster

Office/Warehouse  
Key Point Industrial Park, Keysborough

## industrial & warehouses

### Toyota Motor Company Australia

We have been associated with the Toyota Altona site since 1979 from Engine and Stamping shops to Unit Parts Distribution, Bumper Bar, Power-train, Logistics, Small Parts and company fleet buildings. Energy saving initiatives and special requirements for machinery were implemented along with major High Voltage switchboards and site reticulation, voltage modulation and master planning.

### Fuel Stations

Design of multiple petrol stations including special fire protective measures and design of associated convenience stores.

### General Office/Warehouse buildings

From small to large office/warehouses, we have designed a range of developments incorporating high storage racking, office space and hazard storage.

### Other Projects:

- Holden Motor Company
- Ford Motor Company
- Toll Footscray Road warehouses
- Essendon Fields Infrastructure and Distillery
- Key Point Industrial Park, Keysborough
- World Courier logistic centre, Tullamarine
- Wattyl Production Factory, R&D facilities and Offices
- Monte Coffee production facility, Reservoir
- Millers Self Storage
- Mayne Logistics centres
- Altona Water Treatment Plant
- Avalon Airport, Geelong
- Narre Warren Telstra Exchange





Chadstone Lifestyle Centre  
Chadstone

## retail

### Chadstone Lifestyle Precinct

The Chadstone Lifestyle Precinct comprises of two levels of speciality bulk goods stores and two levels of basement car parking. The tenants include JB Hi-Fi, Keeki, Snooze, The Good Guys, Barbeques Galore, Adriatic Furniture, E&S Trading and speciality food tenancies.

### Lamanna Direct

A new supermarket located at Essendon Fields, refurbishing an old aircraft building of approximately 6,500sqm into a functioning supermarket complete with on site bakery, butcher, commercial kitchen, fishmonger, fresh produce, plant nursery, store offices and cafe. Special walk-in processing, cooler and freezer rooms complete the internal fitout with design also undertaken for the customer car park.

### South Wharf Restaurants and Cargo Sheds

Situated in the South Wharf development and occupying the heritage sheds on the banks of the Yarra River, JBA undertook the complex design to allow for modern functionality while maintaining the heritage facade. The sheds contain 16 takeaway food outlets in shipping containers and speciality restaurants and night clubs.

### Central Square Shopping Centre, Ballarat

Over multiple years JBA has undertaken redevelopment works for this centre including food court redesign, atrium renewal and major tenancies including Myers. Recently major works were undertaken to upgrade the complex's fire safety management plan including smoke and alarm zoning.





South Wharf Sheds  
Southbank

LaManna Direct  
Essendon Fields

#### Other Projects:

- Tenancy Fitouts - The Good Guys, Bev Markz, JB Hi-Fi, Barbeques Galore, Freedom, Snooze, Leather Republic, E & S trading, Bedshed, Keeki, Adriatic and various other retail outlets.
- Harvey Norman stores
- Woolworths and Coles supermarkets
- Kmart stores
- IGA Supermarkets
- Myer Lonsdale Street refurbishment
- David Jones stores
- Berwick Shopping Centres
- Thompsons Parkway Shopping Centre
- Chirnside Park Shopping Centre
- Bay City Plaza, Geelong
- Bilia Volvo, Hawthorn
- Audi Showroom, Brighton
- Ringwood Mazda
- LeMans Toyota, Deer Park
- Doncaster Holden
- Vodaphone retail outlets
- Wine Cellar Stores
- Priceline stores and logistics centre
- Zampelis Restaurant, Beacon Cove
- Nandos & McDonald Restaurants
- Specialist food outlets
- Sofia Restaurant, Frankston
- Dendy Cinemas, Canberra
- Falls Creek Theatre





## contact us

Thank you for taking the time to read about our company.

We are proud of who we are and the services we provide. We are keen to discuss how we can serve you and your project.

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engineering  
>> **smarter** buildings  
designing intelligent buildings for today, tomorrow and the future.