

CAPABILITY STATEMENT



Beveridge Williams

How we do business
is as important as the
business we do.





Contents

1	Company Profile	4
1.1	About Us	5
1.2	Board and Management	6
2	Our Approach	10
3	Our Services	14
3.1	Civil Engineering	15
3.2	Surveying	16
3.3	Asset Recording Surveying	16
3.4	Infrastructure Engineering	17
3.5	Traffic and Transport Engineering	17
3.6	Environmental Consulting	18
3.7	Water Resource Engineering	18
3.8	Project Management	19
3.9	Strata Certification (NSW)	19
3.10	Town Planning	20
3.11	Urban Design	20
3.12	Landscape Architecture	21
4	Our Achievements	22
5	Our Projects	26

COMPANY PROFILE

About Us

Beveridge Williams, an employee owned company, was established in 1961 and has steadily grown to become one of the largest multidisciplinary engineering, infrastructure and land development companies in Victoria. Across eleven offices in Victoria and New South Wales, our services include Civil Engineering, Surveying, Project Management, Town Planning, Urban Design, Traffic and Transport, Landscape Architecture and Environmental Assessments.

From our early years as a small local surveying company in regional Victoria over 57 years ago, we've come a long way. We pride ourselves on our continuous commitment to sustainability, communication, innovation, quality and safety. Our team is comprised of industry leading experts who plan, design, manage and deliver projects and programs to the highest standards.

Today we're a strong network of over 300 professionals working together across Victoria and New South Wales, supporting a diverse range of clients with integrated development services that always deliver inspirational outcomes.

Our service offering continues to evolve to meet the needs of our clients in both the public and private sectors. The geographical diversity of our offices creates a flexible workforce that enables the dedication of necessary resources and commitment to project timelines.

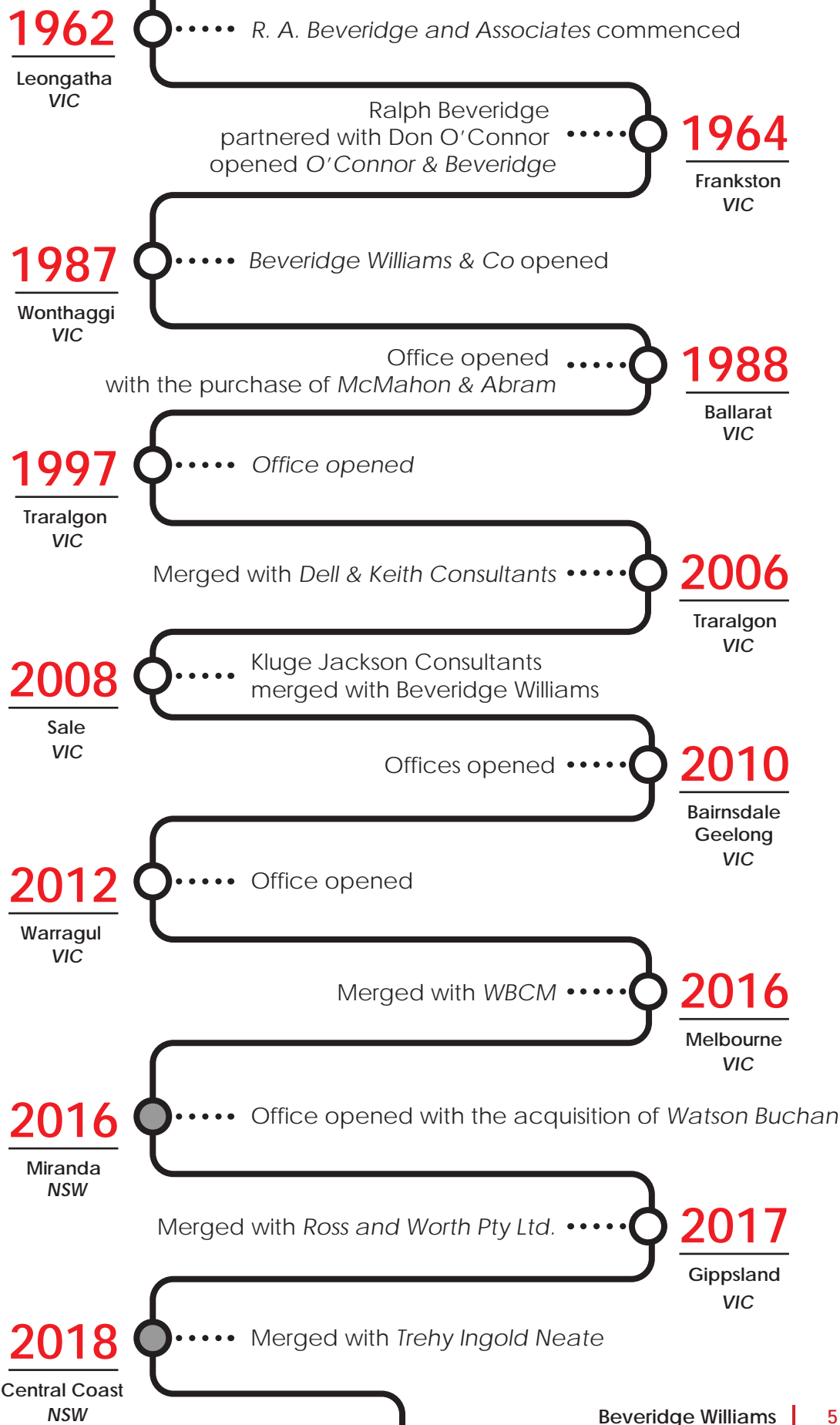
At Beveridge Williams, client experiences sit at the heart of our operations. We put a comprehensive range of specialists at your fingertips to give you all the services you need. Our size, strength and flexibility enable us to bring in the right resources, skills and

local expertise to suit your brief, budget and timeline. So, you can be sure of accelerated processes and a coordinated response to any challenge. With a wealth of public and private sector experience, we understand the system and because we've developed thousands of urban and regional projects of every size across the industry spectrum, you can trust we know what to do to keep your project on track.

Our awards and broad client base are testament to our dedication as we strive to be leaders in all our endeavours. Our values are held strong and we truly represent a client focused organisation.

Beveridge Williams is proud to have established a reputation as a safe and reputable Development and Environment Consultancy. Our commitment to safety and quality starts with our AS/NZS 4801 & ISO 9001 accreditation.

From humble beginnings, and just shy of 60 years of dedication by our people, Beveridge Williams is proud to have grown to become one of the country's largest and most reputable land development consultancies.



Board and Management



Michael Doery
Non-Executive Chairman

Michael is an independent Non-Executive Director and Chairman of Beveridge Williams. Previously, Michael was a partner at KPMG and was CEO of the technology company Viatek Services Pty Ltd. He serves on a number of corporate (public and private) and not for profit Boards.



Bob Seiffert
Non-Executive Director

Bob is a Non-Executive Independent Director. He serves on a number of boards and is a former CEO of the Country Fire Authority, the Civil Contractors Federation and the Knox and Manningham Councils. Bob brings years of experience and a wealth of knowledge in corporate governance, compliance and risk management.



Peter Toole
Executive Director / Manager Regions

Peter joined Beveridge Williams as a graduate surveyor in Leongatha in 1981. Peter has been a part of the company's management team and a Director for over 30 years.



Grant Hailes
Managing Director

Grant has been a Director of Beveridge Williams since 1999 and sole Managing Director since 2013. He has built strong relationships with staff, clients and authorities as well as having extensive experience in urban development.

Grant has been the Project Director for several award-winning projects and is always looking for better ways to add value and to enhance a project for our clients. He is involved in many industry groups, is an active member of the CEO Institute and a graduate of the Australian Institute of Company Directors. Grant's passion is in customer service and in optimising outcomes through collaborative relationships. Through structured annual surveys and reviews, as well as regular contact with our teams, clients and partners, Grant strives to ensure all Beveridge Williams clients receive service and support which is second to none.



Andrew Busse
Executive Director/ Manager Survey Melbourne

Andrew is a Licensed Surveyor who joined Beveridge Williams in 1997. His diverse range of projects over 25 years of surveying experience allows him to implement innovative surveying solutions to meet our clients needs and expectations.



Kellie Hassab
Executive Director / Manager New South Wales & Central Coast

Kellie is qualified Surveyor and Registered Planner with a postgraduate qualification in Environmental Studies. Her 22 years experience in the development industry is diverse and her surveying background supports a common sense approach to land development solutions that meet clients needs and expectations



Mark Fleming
Manager Engineering Melbourne

Mark is a Chartered Civil Engineer who joined Beveridge Williams in 2011. He currently manages the Civil Engineering division. Mark is also an Executive member of the Association of Land Development Engineers (ALDE).



Jackson Zaal
Manager Ballarat

Jackson is a Civil and Environmental Engineer with over 9 years experience in land development and infrastructure projects across Victoria.



Adam Maher
Manager Wonthaggi & Leongatha

Adam joined Beveridge Williams in 2008 as a Licensed Surveyor and currently manages the Wonthaggi and Leongatha offices.



Simon Whitford
Manager Sale & Bairnsdale

Simon has more than 25 years experience as a Surveyor and became a Licensed Surveyor in 1997.



Bruce Vroegop
Manager Traralgon & Warragul

Bruce is a Licensed Surveyor with more than 25 years experience and joined Beveridge Williams in 1998.



Phillip McQuillan
Manager Sydney

Phillip joined Beveridge Williams in 2017 and is a Registered Surveyor with over 20 years experience in surveying across NSW.



Bernard Collins
Manager Design & Strategy Melbourne

Bernard's background is in statutory and strategic planning, community consultation, policy development and project management. Bernard has over 25 years' experience in these roles.



Andrew Mellett
Manager Environmental

Andrew has over 18 years of environmental experience, including 15 years at Beveridge Williams. Andrew is an expert in land contamination assessment with experience working at over 300 sites.



Jim Wiggins
Manager Survey Estates

Jim is a Licensed Surveyor with over 25 years experience working in Victoria and Queensland.



Mick Swales
Manager Survey Infrastructure

Mick graduated from RMIT as a Surveyor in the mid 1980's and has been a Licensed Surveyor for nearly 30 years.



Steve Willing
Manager General Survey

Steve is a Licensed Surveyor with more than 20 years experience who specialises in complex cadastral and feature surveys.



David Wright
Manager Project Management

David is a civil engineer with more than 30 years experience. He commenced at Beveridge Williams in 2015 tasked with overseeing large residential subdivision projects. He has managed the project management team since 2016.



Steve Dawe
Manager Construction

Steve commenced work at Beveridge Williams in 2012, bringing almost 30 years of experience in contract and project management for private land development and local government projects.



Aram Manjikian
Manager Water Resources Engineering

Aram is an Environmental Engineer who has over 12 years experience managing and working on projects in the natural resources and water industries.



Craig Doubleday
Manager Development Engineering

Craig is the Manager of Development Engineering. He is a Civil Engineer with over 10 years experience in engineering and project management in the land development industry throughout Victoria.



Tiffany Su
Financial Controller

Tiffany, a Certified Practising Accountant, has over ten years' experience in successfully managing all finance and accounting functions at Beveridge Williams. She provides strategic analysis to Management and strives for financial and operational excellence.



Adam Smith
Manager Innovation

Adam has substantial experience in civil engineering and urban development, having worked at Beveridge Williams for almost 10 years. Adam is pragmatic, direct, and intuitive, and enjoys developing innovative solutions to complex problems.

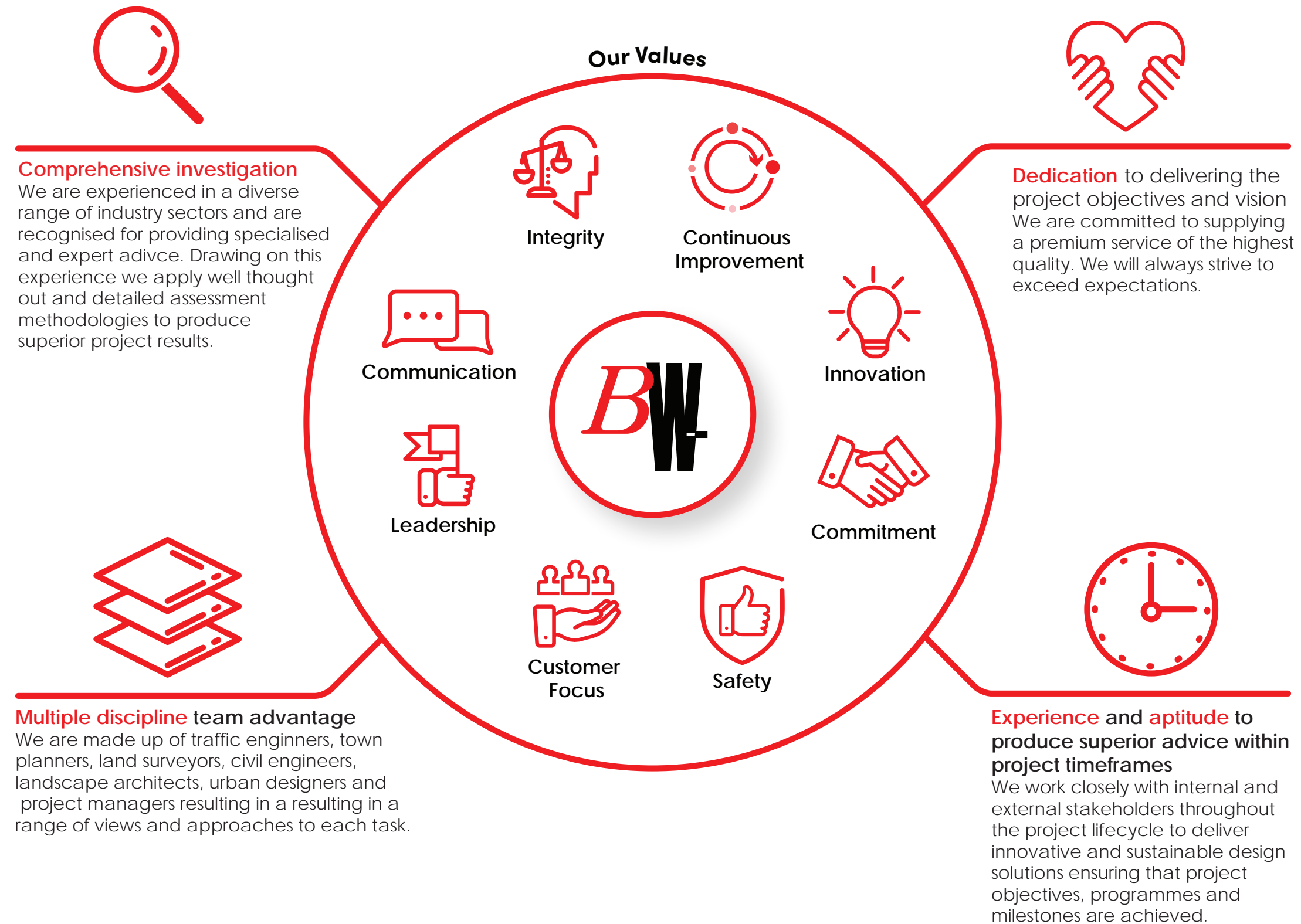


Using the power of
collaboration to solve
problems and build
communities.

2

OUR APPROACH





Our Commitment to Quality, Safety and Environment

Quality

Our ISO 9001 accredited quality management system underpins our desire to provide our clients with certainty that their projects will be completed effectively and at a consistently high standard. We understand the importance of monitoring and continually improving on our processes and have dedicated time and resources to achieving this. We work with all staff to explore opportunities for improvement and innovative initiatives identified through non-conformances, internal audits and opportunities for improvement logged on our online QSE platform. This collective ownership over our quality system allows us to identify opportunities to save our clients time and money and ensure that we provide a quality product.

Safety

At Beveridge Williams, safety is at the core of our business and we actively work with our partners and contractors to ensure compliance and to strive towards a safe and healthy industry. Focused on empowering staff to identify and eliminate safety risks and hazards, we encourage staff communication and involvement through monthly toolbox meetings, our OHS committee, online suggestions, audits and training. We ensure that staff receive the required training and are inducted into our safety system of processes, guidelines and forms. Our culture of reporting and investigating incidents and near misses encourages continuous improvement and has resulted in exceptionally low incident frequency and lost time injury rates as illustrated by our low LTIFR of 3.32. Collectively, these initiatives ensure a safe working environment for our staff and members of the public.

Environment

Beveridge Williams is committed to reducing our impact on the environment and improving sustainability measures as evidenced by our ISO 14001:2008 certification. Focusing both on service offerings to clients and on internal business management, we implement a range of initiatives and measurements to encourage a positive environmental impact in our service provision. In addition to encouraging recycling and the purchase of environmentally friendly products, other initiatives include using rigorous engineering processes through quality assessment and reporting to ensure sustainable measures are taken and our impact on the environment is minimised.



Development experts
delivering inspirational
outcomes.

Cardinia Grove
Pakenham, Victoria, Australia



3

OUR SERVICES



Civil Engineering



In the complex and ever-changing world of land development, experience counts. Beveridge Williams has a team of over 60 Engineers who specialize in the design and construction management of land development projects. We have developed our experience through the delivery of tens of thousands of lots across Melbourne's inner suburbs and outer growth areas, and throughout regional Victoria.

We have direct access to professional advice in other disciplines ensuring our approach is well considered and delivered without delay. In all aspects of land development engineering, from feasibility and master planning, through to detailed design and delivery, there is little we don't know.

For our experienced team, nothing is too challenging. We welcome the opportunity of delivering an innovative solution in a highly regulated sector. We ensure our projects are delivered safely. We rise to the challenge of delivering the most ambitious of programs. We believe in our projects and strive to improve the outcomes for our clients and for the future residents to enable them to create a community they are proud of.

Our capabilities include:

- Feasibility and due diligence
- Master planning
- Functional & detailed design
- Contract administration
- Site surveillance
- Construction supervision

Projects we deliver include:

- Greenfield residential developments
- Industrial estates
- Retirement villages
- Medium density sites
- Infill & urban renewal developments
- DCP funded infrastructure
- Major roads and VicRoads intersections
- Wetlands, retarding basins and culverts
- Branch sewer & trunk water mains
- Sewer pump stations

Surveying



Our land surveying team have specialist skills, the latest technology in drones and laser scanners and a proven track record of delivering trusted advice to some of Victoria and NSW's largest public service providers as well as private developers large and small.

We have well established relationships with key individuals, government bodies and industry organisations that are important to the success of land development and infrastructure projects.

When engaging our surveyors, you can be rest assured of our commitment to providing our clients with the highest level of service, while meeting deadlines and maintaining a high quality of work.



Our land surveying team provides a complete range of surveying services including:

- Land and Building Subdivision
- Construction Setout
- Cadastral Surveys
- Land Acquisition Plans for government authorities
- Crown Lease Surveys
- Laser Scanning Surveys
- 3D modelling from point clouds
- Mining, earth and movement and structure surveillance surveys
- A-Spec and asset recording
- Underground services locating
- Greenfield estate surveying services
- Feature and level surveys

Asset Recording



Beveridge Williams are experienced Asset Recording consultants with a proven track record of providing best quality outcomes for all our clients. Our experienced personnel will deliver tailored solutions to suit water authorities, local government, engineering/design and construction contractors.

We provide:

- As-built surveys of sewer, water and recycled water for water authorities such as South East Water, Yarra Valley Water, City West Water, Western Water and Barwon Water.
- A-Spec Asset Recording surveys for residential subdivisions to meet council permit requirements, which include D-spec (Drainage), R-spec (Roads) and O-spec (Public Open Space).
- Melbourne Water drainage as-built surveys within both residential and infrastructure developments.
- Utility Pipeline surveys - major gas, oil and water pipelines.
- We work in conjunction with underground service locators to create subsurface 3D surveys.



Our services include:

- Instant feedback to contractors and engineers while onsite
- Clear and detailed reports that demonstrate differences between design values and industry set tolerances
- The ability to create multiple data formats to suit each authority
- Industry leading quality data and assurance
- The capacity to provide swift outcomes when required

By providing quality information to the relevant authorities, the Asset Recording Team at Beveridge Williams delivers the best possible outcomes for clients; ensuring that job progress is maintained with the highest integrity.

Infrastructure Engineering



Beveridge Williams' infrastructure engineering team offer the expertise to provide specialized design services on a wide variety of projects. Whether for State and Local governments, private developers or civil contractors, our team of engineers and project managers are involved in every aspect of the project from inception, with the development of functional designs, right through to detailed design and project delivery.

No matter the scale of the project we understand the value of continuous communication and how the provision of timely and accurate advice can improve project outcomes.

From rural or urban road projects to sewer and water schemes, we pride ourselves on our ability to deliver innovative and creative solutions that provide an optimal and practical project outcome.



Our capabilities include:

- Concept Designs
- Functional & Detailed Designs
- Service Coordination
- Project Management

Projects we deliver include:

- Rural road upgrades
- Major arterial roads and VicRoads intersections
- Road safety upgrades
- DCP funded infrastructure
- Branch sewers and trunk water mains
- Sewer pump stations and rising mains
- Sewer and water servicing strategies

Traffic and Transport Engineering



Our Traffic and Transport experts provide specialist traffic engineering, transportation planning and road safety advice throughout the lifecycle of any project. From the initial master planning and feasibility stages through to detailed design, delivery and post construction we provide our clients with high performance traffic management strategies.

The team provides expert, tailored advice for any size of project be it simple changes in land use or the development of large residential subdivisions, apartment towers or activity centres.

We understand that the transport system is not only limited to traffic activity and car parking demands and that a wholistic approach is required to transport planning which includes consideration of land use, opportunities for public transportation, bicycle accessibility, pedestrian amenity and walkability, loading management and travel demand management. Our team is passionate about creating safe and efficient networks within the ever-changing transport environment.



We have extensive experience in engineering consulting, meeting stakeholder requirements and surpassing client expectations. Our team offers a range of traffic, transport and road safety services for a range of clients including private developers, State and Local governments and institutional organisations.

Our capabilities include:

- Traffic impact assessments
- Car parking studies and assessments
- Green travel plans
- Signage & line marking documentation
- Peer reviews of industry reports
- Preparation of VCAT expert evidence
- Road and transport network planning
- Precinct structure plans, activity centre plans and feasibility studies
- Road network, intersection and car park design
- Lighting plans and traffic signal plans
- Road safety auditing
- Blackspot and blacklength studies

Environmental Consulting



Our Environmental division brings a blend of practical project experience and professional expertise to provide technically and economically sound solutions to environmental problems. Our team have assessed over 800 greenfield and brownfield sites across Victoria for state and local government clients and private developers. We continually monitor changing environmental legislation and regulations, investigation and clean-up standards, risk assessment procedures and remediation technologies to successfully offer the following services:

- Contamination assessments (preliminary and detailed)
- Hydrogeological investigations
- Soil vapour assessments including landfill gas
- Contamination remediation including underground tank remediation
- Environmental audits
- Risk assessment
- Contaminated soils characterisation and clean fill classifications
- Environmental management plans
- Acid sulphate soil studies
- Water pollution studies
- Advice regarding EPA clean-up or pollution abatement notices
- Litigation assistance and expert testimony
- Geotechnical assessments

Water Resource Engineering



We see water as a resource, as an opportunity to enhance the places we live. Whether for recreation, beauty or sustainability, people have always wanted to live near water. Of course, with water, there can be risks like flooding, public safety and pollution. Beveridge Williams' Water Resources team are experts in developing solutions that can bring water into our lives, while managing the risks.

We can consider stormwater management from a traditional perspective, developing strategies that provide the framework for management of stormwater to meet the requirements of various authorities. We strive for a more contemporary approach though, of stormwater management and integrated water management plans being prepared concurrently, thus ensuring that the opportunities to capitalise on water resources are integral with planning of a development rather than as an afterthought.

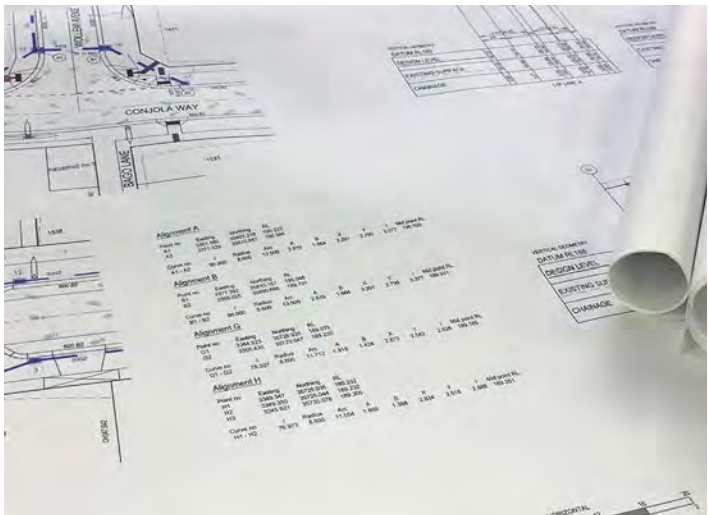


We also specialize in servicing catchment management and local government authorities. Our team can work at the high level of developing strategies for the management of catchments, to the detailed levels of developing solutions to protect people and property from flooding or analysing the performance of drainage networks.

Our expert and dedicated team are ready to help you with:

- catchment modelling using current hydrologic modelling practices
- flood modelling using two dimensional analysis
- providing for species habitat and migration
- erosion protection and stream remediation
- storm water harvesting and re-use systems
- recycled water connections
- groundwater interaction
- wastewater management
- mechanical/chemical onsite water treatment
- culvert crossings
- detention basins
- flow control structures
- flood protection structures
- constructed waterways
- WSUD assets

Project Management



Effective delivery of land development projects requires co-ordination and negotiation within a multifaceted environment of referral authorities, specialist consultants and contractors. By taking advantage of our comprehensive approach to project management, our clients consistently attain the most resourceful solutions to their briefs, without compromising on their design outcomes. Our Project Managers drive the project's progress, reduce the risk of critical delays, maximise design efficiencies and manage costs, all while ensuring effective communication between project stakeholders.

Most importantly, we are there for our client. We are recognised in the industry for providing the trusted advice needed to ensure success and our clients consistently praise our communication and experience.



Our expertise includes:

- Feasibility assessments;
- Client communication and reporting;
- Appointment and management of sub-consultants;
- Facilitation of approvals from authorities;
- Assessment and evaluation of project status;
- Project team co-ordination;
- Stakeholder management;
- Preparation of a project program (using MS Project) and the provision of monthly updates;
- Establishment and maintenance of project information systems;
- Financial reporting and bank funding reconciliations

Strata Certification (NSW)



Strata certification is a specialised arm of private certification, which we are proud to offer to our clients in NSW. This service gives you access to private certification benefits to complete the many requirements in property development to enable final occupation.

Our strata certification services cover the assessment and issue of:

- Complying Development Certificates for strata subdivision consent
- Strata Certificates for strata subdivision purposes

Our team includes an accredited private strata certifier, Robert Polson (Registration No BPB1897) who also possesses postgraduate qualifications in Town Planning and is a Registered Land Surveyor. Such extensive qualifications and experience ensures Robert has a well-rounded view of the complete strata development process and a unique insight into every detail required to ensure all boxes are ticked for the approval process. Streamlining the process for our clients, Robert is accredited to sign Strata Plans in place of Council and can issue Complying Development Certificates for consent for strata subdivision.

Town Planning



Our team regularly works on subdivision (large and small), medium density, high density, commercial and industrial projects. We have played integral roles in the development of numerous precinct structure plans across Victoria and NSW.

Our Planners provide comprehensive strategic and statutory planning services to private and public sector clients. We're qualified and experienced in land development and are highly passionate about integrating social, environmental and economic considerations into our client's projects. We adopt an interdisciplinary approach providing statutory and strategic planning services including initial feasibility and provide planning support for the entire life of a project.

We pride ourselves on working closely with our clients to understand project objectives and to achieve a level of service performance that is seen as a benchmark in the industry.



Services offered by our Town Planners are:

- Due diligence and pre-purchase advice
- Preliminary Assessment Advice
- Planning and approvals advocacy
- Strategic and master planning
- Infrastructure planning
- Environmental planning
- Planning Scheme reviews and submissions
- Planning Permit and Development Applications
- VCAT, NSWLEC and Planning Panel representation
- Expert Witness Statements
- Strategy / Policy preparation and review
- Stakeholder consultations
- Planning Proposals

Urban Design



Our Urban Designers provide innovative solutions to private and public-sector clients for residential, commercial, industrial and mixed-use developments. The design philosophy of Beveridge Williams is based upon the delivery of solutions that demonstrate an understanding of current markets and an ability to maximise the economic potential of developments.

We have a thorough understanding of all relevant legislation for land development and an ability to address local community and broader social issues specific to each development. We have well established networks with councils and authorities involved in land development.

Our urban designers are experienced in a diverse range of land development projects and provide solutions that demonstrate our commitment to sustainability and expertise in Water Sensitive Urban Design.



We offer the following urban design services:

- Site analysis and opportunities plans
- Design response plans
- Feasibility plans for new subdivisions
- Indicative concept plans
- Detailed development plans and indicative subdivision plans
- Precinct Structure Plan submissions
- Strategic planning & design documents
- Land use plans
- Community and Council presentation material

Landscape Architecture



Our team of landscape architects pride themselves on their ability to combine decades of experience with professional qualifications and skills to deliver innovative landscape architecture and urban design solutions. We have experience in both the public and private sectors, from landscape plans for multi-unit developments, landscape master plans for subdivisions, streetscape design, visualisations and animations, play space design, 3D modelling and wetlands to bridge design.

An in-depth understanding of local authorities' guidelines and requirements allows us to easily navigate the approvals process for all aspects of landscape design.

Our Landscape Architecture team always strives for sustainable and innovative design solutions that are achievable, practical and cost effective.

Beveridge Williams is able to provide the following landscape architecture services:

- Site investigation, analysis & feasibility plans
- Master plans
- Concept plans
- Landscape plans for town planning permits
- Landscape Master Plan reports and plans
- Urban design plans for new subdivisions
- Marketing plans
- Visualisations and animations for development
- 3D modelling of broader landscapes, parks and design elements
- Waterway re-vegetation & native vegetation off set plans
- Contract documentation & administration
- Strategic planning & design documents
- Landscape guidelines

We will always strive
to exceed our clients
expectations.

4

OUR ACHIEVEMENTS



Our Affiliations

Beveridge Williams has enhanced the land development industry with significant roles and input into several industry professional bodies and is actively involved in the following organisations:

- *Urban Development Institute of Australia*
- *Property Council of Australia*
- *Engineers Australia*
- *Consulting Surveyors*
- *The Institute of Surveyors*
- *Association of Consulting Surveyors*
- *Association of Land Development Engineers*
- *Australian Institute of Landscape Architects*
- *Australian Contaminated Land Consultants Association*
- *Australian Water Association*
- *Victorian Planning and Environmental Law Association*
- *Planning Institute of Australia*

Our strong involvement in the industry has forged a considerable network of well-developed relationships with key stakeholders including developers, authorities, government agencies and other organisations.

Our service and advice often encompass high level planning through to feasibility and ultimately to delivery of sustainable and innovative solutions and built form.

Our Awards

Beveridge Williams has been fortunate to receive a number of awards throughout the years. These include:

- *UDIA Awards for Excellence Special Commendation for Consultants' Excellence (2018)*
- *Consulting Surveyors National - Award for Excellence (2017, 2018)*
- *MPA and City of Casey Demonstration Project (2010, 2014)*
- *Stormwater Excellence Award (Stormwater Industry Association Victoria) (2008)*
- *UDIA Project Awards (2007, 2009, 2010, 2011, 2012)*
- *UDIA Inaugural Consultants Award (2007)*

Social Responsibility

At Beveridge Williams, we reflect our values by striving for positive impact on the individuals and communities we live in and work with.

We are proud to support the following initiatives:

- **Post bushfire assistance in regional Victoria**
- **Women's Property Initiatives (Coburg Townhouses)**
- **Uganda Schools for Life Program**
- **Local sporting clubs in regional communities**
- **Good Friday Appeal**
- **Australia's Biggest Morning Tea**
- **Mental Health Month and R U OK Day?**
- **OnTrack Foundation (Soup bus for the homeless)**

We also support our staff for their individual social initiatives:

- **CFA Volunteers**
- **NSW Rural Fire Services**
- **Global aid projects**

Coburg Townhouses



Women's Property Initiatives is a not-for-profit community housing provider, for women facing homelessness by providing permanent and affordable homes, access to support networks and ongoing advocacy – currently providing permanent, secure and affordable homes for more than 220 women and children.

BW is a proud supporter of Women's Property Initiatives providing pro-bono planning support for the development of social housing at Coburg, and now at Beaconsfield.

Nepal National Association of Women in Construction Project



Our Sydney office volunteered to assist with rebuilding a school in Nepal following devastating earthquakes in 2015. They raised funds to assist the National Association of Women in Construction to go towards building an earthquake resilient school and community hub in a remote valley in the Himalayas.

A surveyor wearing a high-visibility orange and yellow vest over a red shirt and blue jeans is using a total station mounted on a tripod. The surveyor is holding a green data collector. The background shows a landscape with charred trees and a hazy mountain range under a blue sky. A red banner with white text is overlaid on the right side of the image.

Nationally based,
Community focused.

Post bushfire assistance in regional Victoria

Survey teams donate their time to assist landowners with title re-establishment to mark the affected boundaries for new fencing.

OUR PROJECTS



Hartleigh Estate

Location: Clyde, Victoria

Client: National Pacific Properties Pty Ltd

Size: 67 hectares (760 lots, 19 stages)

This estate is part of the Clyde Creek Precinct Structure Plan and is one of a number of sites in this PSP for which Beveridge Williams is providing services. As one of the first projects in this area of Clyde there were no infrastructure assets capable of servicing the site, thus requiring upgrades to major external roads, water supply, sewerage and main drainage extensions and upgrading works to be carried out.

The site is being transformed into an attractive living environment with 25% of the development dedicated to open space, including a neighborhood park, district sporting fields and two lakes. The lakes are part of Melbourne Water's Clyde Creek Drainage Scheme for stormwater management and water quality improvement. It is located close to a proposed new Town Centre and future railway station and provides a range of affordable living options with conventional and medium density housing.

Thirteen stages have been completed to date with the next three are under construction. The project development cost is in the order of \$95 million.

Project Achievements:

- Obtained revised Planning Permit in April 2015
- Masterplanning for works and services completed
- Completion and approval of designs for major Melbourne Water Wetland/Retarding Basins and waterways for construction in Stages 5 and 13
- Interim stormwater management works as negotiated with Melbourne Water and Council, including on site detention for Stages 1 to 4 and 11 to 14
- Agreements with neighbouring developments for delivery of major infrastructure upgrading works such as Pattersons Road, Tuckers Road and Branch Sewers.





Regional Rail Link

Location: Victoria

Client: Thiess Pty Ltd

Beveridge Williams' involvement in the Regional Rail Link project began in 2009 with the establishment of a project control network of survey marks between Deer Park and Werribee. In 2010 extensive surveys for land acquisition purposes were completed for the widening of the existing rail corridor across several sites in Kensington and Footscray and acquisition for the new railway between Deer Park and the Werribee River.

When construction of the project commenced in 2012, Beveridge Williams was engaged by Thiess to undertake boundary definition surveys, set out and as-built surveys as required for the Footscray to Deer Park section of the Regional Rail Link. This has led to the re-establishment of most of the railway corridor between Footscray and Deer Park, a distance of 12km, and has involved dealing with very old survey information, complex titles in an ever-changing environment.

On the completion of construction of the Footscray to Deer Park project, our next task was to certify that the construction works have been carried out within the project boundaries. Surveys were then commenced for the Department of Transport, Planning and Local Infrastructure relating to the future use of excess land.

Beveridge Williams was able to meet the challenge of providing accurate survey information in a timely manner, due to our expertise and number of staff capable of undertaking this highly technical work.

Over more than 50 years we have built our surveying team to become one of the largest in Victoria. We have also ensured that all are staff are continually developing their technical knowledge and skills to meet the evolving requirements of our clients and legislation.





Selandra Rise

Location: Cranbourne East, Victoria
Client: Stockland Development Pty Ltd
Size: 250 Lots

Selandra Rise is a pioneering masterplanned estate in Clyde North that delivers everything residents could need in terms of home, work and leisure.

Beveridge Williams has been the lead consultants for the Selandra Rise project for Stockland, which was selected as a demonstration project in a partnership between the GAA, The Planning Institute and The City of Casey.

Stockland joined forces with the City of Casey, the Metropolitan Planning Authority (MPA, now the VPA) and the Planning Institute of Australia (PIA) to create the most forward-thinking well-planned community of its kind in Victoria. The development has 1200+ homes, retirement living, schools and a kindergarten. Open spaces include parklands, local creek, community garden, sports ovals and facilities.

A Statement of Compliance was attained for 250 lots within 12 months of the Planning Permit being issued. Presently construction is being completed for another 450 lots which will see the project being developed well ahead of forecast. This is now the second fastest selling estate in Australia.

Selandra Rise will deliver housing diversity, a town centre and various community services, as well as provision of local jobs. Vic Health is conducting a 5-year study on the residents of the estate to look at the health effects of planning, housing diversity and local jobs.

Our challenge was to deliver the project to the combined vision of the public and private entities in a timely manner. Fortunately, our experience,

local knowledge and strong relationships with key stakeholders stood us in good stead.

Selandra Rise was the first development in Victoria to integrate the new Precinct Structure Plan (PSP) and Development Contributions Plan (DCP) which guide development, infrastructure and services projects in growth areas. The standards produced by the then GAA (now VPA) had to be navigated through Council as they hadn't yet been introduced. Beveridge Williams worked closely with Stockland and Council to significantly shorten the time taken from planning approvals to construction starting.

Beveridge Williams appointed a dedicated project manager to ensure communication between disciplines, and with the client and all stakeholders and authorities. We managed all the many moving parts of the development process and questioned the status quo when negotiating with authorities.

To speed up progress, master planning of the road network for the estate of over 1200 lots, schools, retirement village and commercial areas was done concurrently with the design for drainage, sewer and other services. This eliminated potentially costly delays and enabled the project to progress as planned.

The City of Casey approved Beveridge Williams' designs just a few weeks after planning approval was obtained. We commenced work on the project in 2007 before the PSP had been developed. Construction began in 2010 and was completed in 2016. Many lessons were learned that later benefited us moving onto bigger and more complex projects and there were definite benefits to the industry as a whole.

Selandra Rise won awards including the Urban Development Institute's (UDIA) Best Master planned Community in 2016.





Stockyard Hill Windfarm

Location: Ballarat, Victoria

Client: SNC-Lavalin & WBHO Infrastructure Pty Ltd

The Stockyard Hill Wind Farm continues our push for renewable energy, consisting of 149 turbines and producing up to 530 MW of clean energy.

Located approximately 35 km west of Ballarat, the project commenced construction in May 2018 and when complete will provide power to approximately 390,000 homes.

With the project providing some 300 jobs during construction, Beveridge Williams' surveyors provide services pertaining to the construction of the turbines inclusive of the setting control points, set out of foundations, high accuracy surveys for bolts and elevations, and civil construction surveys for access roads and drainage. Using cutting edge equipment and high-end surveying practices we were able to meet the substantial technical requirements of the project.

The turbine is mounted on a tubular tower with a hub-height of not more than 120 metres. The overall maximum height of the wind turbine (to the tip of the rotor blade when vertical) can reach a staggering 180 metres above natural ground level.

This impressive structure is secured by a combination of reinforced steel, concrete and a ring of 236 holding bolts. Each bolt was meticulously surveyed to 2mm accuracy by using Leica 1" instruments and high accuracy prisms. The PCD of each ring of bolts was then calculated to ± 2 mm. This was required so that each bolt fits perfectly into the threads of the turbine base.

During early stages of the construction, Beveridge Williams undertook high-precision surveys of some of the critical turbine base components. Steel base-plate sections were assembled off-site and surveyed using a Trimble SX10 Terrestrial Laser Scanner. The resultant 3D point clouds were then carefully examined, and the component form converted to CAD linework for assessment.

Our licenced surveyors have also been instrumental in enabling the delivery of the 68.5m turbine blades. Due to the oversized length of the turbine blades, roads were required to be built and existing boundaries widened to accommodate the turning movements of the heavy haulage vehicles. As a result, various boundary re-establishment surveys along the road network were completed.





Seagrove Estate

Location: Cowes, Phillip Island, Victoria

Client: Southern Sustainable Developments

Size: 36.5 hectare

Seagrove is an environmentally-sensitive residential subdivision, located in Cowes, Phillip Island. The 36.5-hectare site features rising land with views across the bay and incorporates an extensive central wetland and rain gardens in every street as part of an integrated approach to water sensitive urban design.

The Seagrove Estate had no drainage outfall and a new outlet to Westernport Bay was required some 600 metres away. Westernport Bay is subject to the international Ramsar Treaty together with many other legislative requirements and it initially seemed impossible to obtain a new drainage outlet.

Our environmental and civil engineers demonstrated to DSE and Environment Australia an innovative approach to Best Practice water sensitive urban design that was achievable.

Best practice was achieved with the use of the wetland together with appropriate bio-retention cells as part of the drainage network system. The project has many unique engineering solutions which will become common practice as the development community evolves.





St Germain Village

Location: Clyde, Victoria

Client: G & MS Gill / Campbell Park Property Pty Ltd

Size: 250 dwellings

St Germain is a master planned community focused on the promotion of healthy living and the demonstration of best practice approaches in landscape and urban design. St Germain takes its inspiration from Saint-Germain-des-Prés, a district of Paris, but with a contemporary twist. Parisians identify strongly with their precincts or 'arrondissements'. St Germain is no different, with its various precincts linked by tree lined avenues. The design offers diversity in both the private and public realm while granting a cohesive sense of place for the community.

Diversity exists in housing options, ranging from multi-story apartments, SOHO and terraces to standard residential lots and retirement living. The masterplan also proposes to provide commercial, medical and retail facilities hoping to generate up to 3,500 local jobs to its new residents. It is a substantial regional project in the Clyde South area.

St. Germain provides a range of dwelling types and affordability options beyond that provided by any other estates in Melbourne's south-east.





Pasadena

Location: 415 Clyde-Five Ways Road
Cranbourne East, Victoria

Client: Villawood Properties

Size: 14.4 hectare (320 Lots)

The second local park, Hill Farm Park incorporates the original cottage, 'Hill Farm', which was subject to a Heritage Overlay. The once derelict structure has been developed into a picnic shelter, surrounded by a fun, farm themed playground. There's also a fenced dog off-leash space which has become a favourite meeting place in the area.

Pasadena by Villawood Properties is within the Cranbourne East Precinct Structure Plan PSP area, in the City of Casey. The development incorporates a total of 540 residential allotments and two neighbourhood parks. The site is adjacent to the Clyde local shopping centre and a range of other amenities including schools, childcare and a medical centre.

Beveridge Williams were engaged by Villawood Properties to provide a range of services from the early planning stages of the Cranbourne East PSP. This PSP was one of the first in Victoria and through the process we all learned many valuable lessons. Beveridge Williams has since worked on projects in all of Melbourne's growth corridors with PSPs guiding the development. Our teams are able to provide expert advice on all land development projects within PSPs, including development contributions.

At Pasadena the high quality of the estate is reflected in the landscape design which was integral to Villawood's vision for creating a residential development that contributes to the social, environmental and economic wellbeing of the community. Beveridge Williams' landscape architects worked closely with the clients ensure there was a real point of difference in the parks and that there was something for everyone. Pasadena Park is a true hub for the residents, with an outstanding children's playground and a large picnic shelter with a BBQ and a table for large groups. There's room to kick a ball or set up a game of cricket.





Victorian Desalination Plant

Location: Wonthaggi, Victoria

Client: Thiess Degremont Joint Venture

The Victorian Desalination Plant is located on the Bass Coast in southern Victoria. The desalination plant is the largest addition to Melbourne's water system since the Thomson River Dam was completed in 1983. The plant has a production capacity of 150 billion litres of water a year.

Beveridge Williams was proud to have been involved in the Victorian Desalination Project from inception to completion. The project required survey work on a massive scale in a very dynamic environment. Initial works on behalf of the State Government included to define the plant site and create the 84 km easement corridor required to provide the electricity supply and water connections for the plant. This necessitated the re-establishment of all title boundaries affected by the plant site and corridor and the creation of registrable easement plans for each parcel. Several parcels required formal subdivision for acquisition purposes. There was also the need to create new parcels to define the land, in stratum, occupied by the inlet and outlet structures off shore. A level survey and feature survey was undertaken of the plant site and surrounding flood plan and the entire easement corridor for preliminary design purposes.

On commencement of construction, Beveridge Williams was engaged to provide the survey services required to enable the construction of the delivery pipe and high voltage underground power supply along the easement corridor. This included the establishment of a network of control marks to support construction along the entire route, a detailed

feature survey of the route for final engineering design purposes, marking out the position of the easement and works corridor for fencing, marking out the alignment of the power supply for construction and all associated power infrastructure, setting out the position and design height of the 1920mm delivery pipeline and the associated infrastructure, setting out and control for the tunnelling machines that bored under Rivers and major water courses, recording and supplying 'as built' data, surface modelling and set out for reinstatement works and post construction support for repairs and maintenance.

The project was delivered by utilising the most up to date survey total station and GPS equipment available. This allowed much greater flexibility and speed in the provision of our service and gave us the versatility to be able to cope with a very dynamic works program. Our methodology and utilisation of the survey equipment allowed us to maintain a 'virtual' design alignment that could be set out anywhere along the corridor without the need to physically position a target or instrument at that location. This was an absolute necessity to achieve response times expected and to be able to satisfy the high standards of OHS maintained on the project. All pipe laying activities could be achieved to a high degree of accuracy without the need to have anybody in a trench or near a pipe being laid. The short time frame for the works program and unusually poor weather conditions meant that work sites had to be relocated with little notice and many construction activities had to be undertaken concurrently to maintain the progress of the construction program. The survey equipment and methodology used made it possible to deliver our service without any delay to the project in very difficult circumstances. The scale and short time frame for construction of the project introduced a logistical complexity well beyond the technical aspects of the project.





Woondella

Location: Sale, Victoria

Client: Ceej Pty Ltd and Defence Housing Australia

Size: 194 Lots

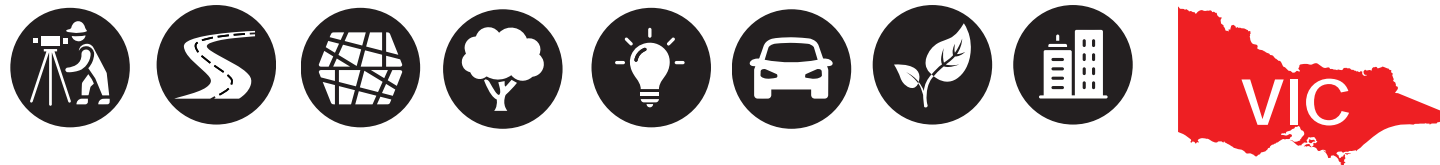
Woondella is a 190 lot residential estate in Sale, East Gippsland. The vision for Woondella was to create a high quality residential living environment with tree lined streets, a shared path network and public open space with protection of majestic old river red gums.

Beveridge Williams undertook a full range of services from pre-planning through to completion of the project. The development has provided a range of affordable housing options, including several allotments for defence housing, all focussed around green space. Open space is a key feature of the design with the integration of Woondella Park with its popular children's playground and habitat conservation reserves. The giant river red gums have been safely retained, giving the reserve a strong identity while also providing habitat to local fauna.

A shared path through the estate's reserves links to the broader bicycle and pedestrian path network, providing a safe and convenient link to Sale town centre and local schools.

Woondella sets a new standard in residential living in the region, through the use of best practice, innovative design; focussed on connectivity, community and conservation.





Ramlegh Springs

Location: Clyde, Victoria
Client: Ramlegh Springs - APD
Size: 693 Lots

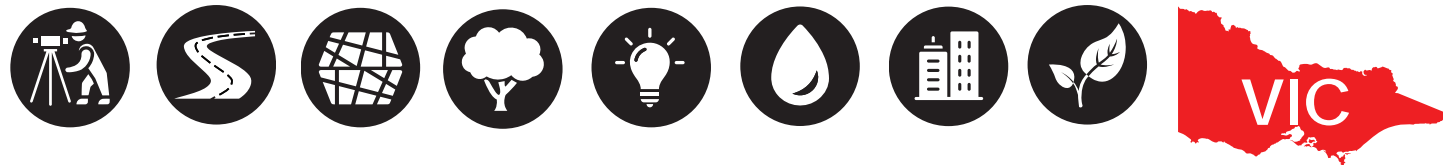
Beveridge Williams was engaged to assist in the rezoning and Precinct Structure Planning (PSP) process and then to deliver the estate right through to construction.

The client wanted to create a legacy project with links to the land's past and high amenity for the new community. Our challenge was to acknowledge the history of the land, its connection to the owners and deliver a high amenity estate within the constraints placed by the PSP process.

We were also challenged in the early delivery of infrastructure to the site, including an arterial road, sewer and water.

The client recognised that Beveridge Williams was uniquely placed to address this challenge. Not only could we deliver creative design solutions to achieve their vision, but our proven track record, local knowledge and strong relationships with Casey City Council officers and all the regulatory authorities gave us a clear advantage.





Aurora

Location: Epping, Victoria

Client: Lendlease Communities

Size: 3100 Lots

Aurora is a new community spanning 630 hectares in Melbourne's North. It comprises schools, a town centre, sports fields, a rail line, 25% public open space including parks, drainage reserves and conservation reserves. Our client, Lendlease, purchased 315 hectares to offer residents approximately 3,100 new homes.

The first challenge was to help Lendlease assess the value of the land before submitting an offer. We carried out significant analysis and calculations to clearly delineate title boundaries, lot yield for each parcel and constraints within each area. Our engineers and urban designers reviewed the original master plan and prepared plan options and development cost estimates. To be confident in their offer price, Lendlease had to trust our advice was thorough and accurate.

Once the land was acquired, the challenge was to make the new community distinct from its surrounds, in line with the client's brand and visions, and deliverable on time and on budget. We also had to balance the client's expectations with the requirements of several authorities including Council, Yarra Valley Water and VicRoads. As the critical link between all stakeholders, we sought a deep understanding of all stakeholder objectives, combining this with technical knowledge and first-class negotiation skills.

Another key challenge was retro-fitting infrastructure as adjacent parts of Aurora had been developed under standards that were no longer accepted by authorities.

Aurora had a unique set of site constraints and logistical issues that impacted design and construction. Strong relationships with authorities were critical to the project's success and proactive communication and collaboration was imperative both internally and externally. Regular meetings with Council and authorities kept them informed at every stage and we enjoyed fast responses and greater acceptance of our design options because we had buy-in from staff at each agency.

We started feasibility work, pre-acquisition, in mid-2014 with construction starting in October 2015.

Being engaged for future precincts after commencing work on P1 is testament to the fact that Lendlease values our services and is confident in our approach. They have tight deadlines and budgets, and projects are scrutinised at every level. We have continually adapted to change throughout the project and continue to explore ways to facilitate delivery on time and on budget.





Goff Street, Beconsfield

Location: Beconsfield, Victoria
Client: Womens Property Initiatives
Size: Four one bedroom units

The work of Womens Property Initiative (WPI) provides a step forward in housing some of Melbourne's vulnerable population, tackling the growing concern of housing affordability and homelessness. This project, along with many other projects driven and managed by Women's Property Initiatives, will make a significant positive impact on many lives.

Beveridge Williams has previously worked with this Initiative to develop 7 Townhouses on a lot in Coburg. The Goff Street and Coburg projects were both completed on a pro-bono basis to show support to such a wonderful cause.

The Project at 3 Goff Street enabled the development of four, one-bedroom units which will provide permanent, secure and affordable homes to four mothers in need. The biggest challenge with the site was providing dwellings that were suitable for people with disabilities, while also meeting all of Council's policies. Concerns were raised regarding the width of car parking spaces as they were proposed to be wider than what is generally accepted. As the WPI requires disability access, additional space was mandatory. Beveridge Williams worked collaboratively with Council and the Client to address the issues and come to a timely resolution that was well received by all parties.





Woolamai House

Location: Cape Woolamai, Victoria
Client: 90 Two Pty Ltd
Size: 69 Lots

Beveridge Williams was engaged by the landowner in 2009 to assist in the subdivision of the historic Woolamai House estate at Cape Woolamai on Phillip Island. This is now a 68 lot boutique development, with the pastoral homestead built in 1876 for Captain John Cleeland, retained as a central feature in 1.6 hectares of garden.

The client wanted to subdivide their land for a housing estate in an environmentally sensitive area, directly abutting the Woolamai Beach foreshore and adjacent to the Cleeland Swamp. The area is also in a bush-fire prone area restricting the location of dwellings.

The residents of Phillip Island are (mostly) proudly anti-development and approvals through Bass Coast Shire Council can be complicated throughout the development process. With the political

and environmental factors, as well as heritage considerations, the challenge was to manage the conflicting parameters to come up with a development proposal that was approved by all authorities and stakeholders and accepted by the local community. It also had to be financially viable.

We've helped deliver some of Phillip Island's best estates, some of which have been recognised with environmental awards. Our clients expected that we would get the project through the approvals process and provide the range of services enabling us to deliver on the design vision.

Beveridge Williams started work on the project in 2009 with the initial visual impact analysis. Construction was completed in 2017.

Our multi-disciplinary team were able to balance the many conflicting parameters that affected design and construction, including heritage, visual impact, community concerns, bushfire risk and environmental sensitivity.





Station Street, Carrum

Location: Carrum, Victoria

Client: Shri Hans Pty Ltd

The aim of Beveridge Williams and the client was to achieve a contemporary mixed-use building. By consolidating 2 sites, we were able to create a distinct look by utilising a unique opportunity for wide frontages in comparison to existing narrow shop frontages. Substantial background work was conducted prior to application lodgement, including various design and layout assessments and amendments to promote a quality outcome whilst maximising yield.

Through the development of the Station street site, we intended on promoting the use of public transport and provided activation to the street frontages for multiple retail/commercial components. The aim of the residential component was to create a variety of sustainable housing choices for the community and maximise the access and potential towards the bay/ beach access.

There were numerous challenges with the project that ultimately required VCAT review for the ultimate outcome. The challenges included impacts to the current and future parking demand, community concerns arising by the development, external expert advice including legal matters with site boundary and public infrastructure liability. In addition, negotiations with external authorities regarding relocation of bus stops and consistency with the ultimate scenario for the Carrum Train Station as per Level Crossing Removal Authority's expectations. Further, during the application process, amendments to the planning scheme were also introduced requiring a CHMP to be prepared for the site.





Waterford Rise

Location: Warragul, Victoria
Client: Baw Baw Developments Pty Ltd
Size: 1255 Lots

Waterford Rise is a 1255 lot master planned residential estate in Warragul, Victoria, providing a variety of housing options, close to the centre of this thriving regional town.

Beveridge Williams Urban Designers and Landscape Architects prepared the master planning of the site, from the early pre-planning and rezoning stages. The site presented various challenges with topography, drainage, existing indigenous vegetation, and the presence of the threatened Giant Gippsland Earthworm. Rather than see this as restricting development, the design team used this to guide the master plan.

With considerable areas dedicated to retention of native trees including Strzelecki gums, creation of additional habitat areas, wetlands, green links and parks, the estate demonstrates a commitment to environmental conservation and Water Sensitive Urban Design best practice. All public open spaces, including active and passive parks, waterways and wetlands and habitat conservation reserves, is fully integrated and linked with pedestrian and bicycle paths. It connects to the broader area via the popular Two Towns Trail connecting Warragul and Drouin.

The active open space area provides a sports oval for the community. Not only does the open space network provide a wonderful visual asset, it also design promotes a healthy, active community.

Beveridge Williams is proud to be associated with what is now recognised as one of the regions premier housing estates.





Pine Tree Lane

Location: Pine Tree Lane, Terrigal, NSW

Client: PTL Land Pty Ltd

Beveridge Williams Central Coast (formerly Trehay Ingold Neate) has been involved with the Pine Tree Lane development since 2001, when the initial detail and topographic survey of the site was undertaken.

Since then our involvement has included concept engineering design for Development Application and Construction Certificate purposes, location of services, engineering set out of buildings, preparation of preliminary strata plan, stratum plan and final strata plan for registration, preparation of a Statement of Environmental Effects for a land subdivision, liaison with Gosford City Council and various sub consultants, including architects, structural engineers.

In addition to commercial and residential elements, Pine Tree Lane offers a selection of stylish retail spaces for lease. These brand-new retail shops range from 50sqm up to 400sqm and present an exceptional opportunity to launch a range of ventures from cafés, restaurants to wine bars and specialty stores. The site offers abundant outdoor dining areas, excellent exposure to passing pedestrian traffic, tenant parking and dedicated loading, recycling and storage facilities.





NSW

Clemton Park Village

Location: Campsie, NSW
Client: Frasers Property
Size: 5.5 hectares

Clemton Park Village is a 5.5h hectare mixed-use master planned community, 13km from the CBD in Sydney's inner west. It consists of low-rise residential apartment buildings around green spaces a central retail hub, with approximately 20 retail outlets including a major supermarket, fresh food outlets, alfresco cafes and restaurants and an aged care facility.

Beveridge Williams completed the strata plans for the last stages of the Frasers Property project – the redevelopment of the Sunbeam Factory. This site was formerly where Sunbeam appliances such as the Mixmaster and toasters were made in the 1960's and 70's but is now a community of over 900 apartments, a shopping centre, childcare centre and age care facility.

Our ability to complete the surveying tasks in a timely and accurate manner and our ongoing commitment to excellence in communication with our client, has been integral to our success on this project.

Our Sydney CBD office is providing surveying services for other Frasers Property projects including the high profile Edmonton Park and the Shell Cove Town Centre developments.





Mariners Centre of Excellence

Location: Bryant Drive, Tuggerah

Client: Central Coast Mariners

The Mariners Centre of Excellence at Bryant Drive Tuggerah is a state-of-the-art recovery base and training centre for the Central Coast Mariners A League Football team and the Central Coast Community.

Development of Stage One of the Central Coast Mariners Centre of Excellence includes the construction of a ten court 5-a-side Soccer Centre, an Aquatic and Hydrotherapy Centre, a tournament sized football field, an Amenities Block, as well as associated infrastructure.

When fully finished, the Central Coast Mariners Centre of Excellence will feature:

- Two full-size football field and a grandstand for up to 3,000 fans
- A function, event and reception center for club and community use
- Up to ten all-weather sports courts for 5-a-side soccer and other sports use
- A heated aquatic and hydrotherapy center for community use
- A gym and fitness Centre for community use
- Facilities for delivering educational learning program
- A sports medicine Centre

- Amenities and car parking facilities and an upgrade to the Wyong Road roundabout

Beveridge Williams Central Coast (formerly Trehu Ingold Neate) have been on site since 2009 when the initial detail survey was undertaken. We were engaged by the client for our local knowledge and experience in community title subdivisions. Since then several plans relating to subdivision, consolidation and titling of the site have been prepared. Engineering set out works for construction and works as executed surveys on completed works have been undertaken to facilitate the development of the Centre of Excellence.

Beveridge Williams Central Coast are proud of our association with the Central Coast Mariners and for the role we are playing towards the delivery of such an exciting sporting facility within our community. We look forward to our ongoing involvement with the development.





Clarinda Park

Location: Clarinda Park, Cranbourne West
Client: Abiwood
Size: 480 lots

Clarinda Park in Cranbourne West is a 480 lot residential housing estate. The site includes a local shopping precinct, a school, pre-school and other community facilities, active and passive parks and drainage reserves. There is a range of housing types including large lots and townhouses.

Beveridge Williams provided a full range of services, from pre-planning application stage through to construction supervision. Commencing in early 2014, the 12 stages of the estate were successfully delivered in under 3 years.

An early challenge in the project was the proposed urban structure proposed in the Precinct Structure Plan (PSP). This had limitations for successful delivery of the project in terms of economically feasible staging. The proposal had a large active open space area on Hall Road, with all residential development to the south of this. Beveridge Williams team of urban designers, engineers and landscape architects, looked at potential options that could retain the overall vision for the PSP, but provide a more efficient delivery of the project. Beveridge Williams has built strong relationships with the officers at Casey City Council and we were able to successfully negotiate an alternate urban structure with open space at the centre of the estate, connected to a primary school and local shopping centre.

The landscape design is integral to the success of this project. The linked system of parks and linear reserves provide a range of recreational features, including unique play spaces and a very popular fenced, dog exercise area. One park is directly connected to the shopping centre and a paved plaza with alfresco dining.

The thoughtful design of the estate promotes community interaction for people of all ages.





Chester Street Epping

Location: 2-4 Chester Street, Epping

Client: B1 Epping Pty Ltd

Beveridge Williams was engaged to carry out a Plan of Redefinition, Draft Strata Plan and Final Strata Plan.

Nearing the completion of the project, we were also engaged to assist with urgent preparation of Ausgrid Easements, an item identified on a timeline provided to our client months in advance. We undertook a Survey to create Ausgrid Easements in a timely manner, arranged for the Prescribed Authority's consent to the plans and 88B instrument, and had the documents registered at Land Registry Services in a timely manner.

Beveridge Williams provided our client with a critical path timeline of survey requirements to complete the Final Strata Plan. The timeline formed an integral part of our advice, detailing the extended timeframes through the Christmas break in obtain authority consents. The challenge had already been identified and highlighted to our client before any problems arose.

The registration of the Final Strata Plan occurred seamlessly.

Our experience, relationship with consent authority, and knowledge of Strata Subdivision and authority consents, assisted our client in eliminating unnecessary delays at the 11th hour, and streamlined the titling process for our client.





Blue Hills

Location: Berwick-Cranbourne Road,
Cranbourne East

Client: Blue Hills

Size: 220 dwellings

Blue Hills Residences in Cranbourne East is a multi-award-winning retirement village. The team at Beveridge Williams were the lead consultants on this project and worked with the clients, Judy Clarkson and family, to achieve their vision – 'to purpose build a residential facility for people entering the time of their lives – when they want and deserve to have the time of their life'.

This project set a precedent for future aged care facilities, with a range of facilities, more like a resort than a standard "retirement village". Following the success of this project the developers again engaged Beveridge Williams to assist with the development of Blue Hills Rise and the Shopping on Clyde shopping centre. Blue Hills Rise again provides over-55s with resort style living, in a convenient location adjacent to the new shopping centre. The shopping centre has a full line Coles supermarket, cafes and a variety of retail stores, providing the local community with all their needs in a village style environment.

Beveridge Williams provided surveying, engineering, urban design, environmental consulting and landscape architecture services for all three of these projects. Our multi-disciplinary teams were able to work with other specialist consultants to deliver these developments in a timely manner, in accordance with the clients' vision. The various authorities involved, and complex approvals processes were at times challenging, but our solutions-focused teams worked together to meet timelines and provide cost-effective and practical results.





Bald Hills Wind Farm

Location: South Gippsland

Client: Bald Hills Wind Farm/Senvion

The Bald Hills Wind Farm is the largest renewable energy project in South Gippsland. This 52 turbine wind farm is located approximately 10kms south east of Tarwin Lower, on an approximately 1750 hectare farm site. The wind farm produces up to 380,000MWh of electricity per year, which is equivalent of meeting the electricity requirements of over 62,000 homes. That's about four times the number of homes in the South Gippsland Shire.

Beveridge Williams was engaged by Senvion Australia to provide surveying services in relation to title boundary re-establishment, the creation of easements and the turbine as-constructed surveys. Beveridge Williams also provided the Quality Assurance in the construction phase.

After many years providing services for the energy sector, particularly in Victoria's LaTrobe Valley, Beveridge Williams is pleased to also be part of the fast-growing renewable energy sector. In addition to the Bald Hills Wind Farm we have assisted with other wind farms and solar farms.

We provided expert town planning advice to obtain a permit for a 102 MW solar farm in Wunghnu, north of Shepparton in Victoria. We are also assisting with landscape architecture services to meet planning permit conditions for the solar farm.

In all these regional renewable energy projects, our local knowledge has been the key to delivery of technically robust advice and timely services.





Peninsula Link

Location: EastLink interchange at Seaford to Mt. Martha

Client: Abigroup

The Peninsula Link is a toll-free 27 kilometre road link between EastLink at Carrum Downs and the Mornington Peninsula freeway at Mount Martha. The project was a Public Private Partnership (PPP) managed by the Linking Melbourne Authority (formerly SEITA) and delivered by private sector partner Southern Way.

Beveridge Williams was engaged by construction company Abigroup (now part of Lendlease) in 2012 for surveying services due to our survey expertise and previous work for Eastlink.

Abigroup wasn't clear on their obligations in terms of cadastral boundary plans and needed to supply the State with particular lease documentation. The sheer size of the project and volume of work required was a significant challenge.

Our expert survey team were able to advise and carry out these specialised services. Beveridge Williams has a clear understanding of the processes involved in obtaining Office of Surveyor General approval of plans. With more than 50 years providing surveying services, we have developed a broad range of knowledge and skills and a reputation for outstanding service.

The timeline for our part of the project was approximately two years. As we have the largest surveying team in Victoria we were able to provide all the necessary staff resources to meet the timelines. Late plans could have caused the project to overrun with potential liquidated damages of up to \$250,000 per day, so time was critical. Having all plans completed on time and accurately was the ultimate indicator of our success.

The Peninsula Link opened on 18 January 2013. Beveridge Williams continues to work on these complex, large infrastructure projects and we are renowned for our specialised skills and knowledge.





AGL Loy Yang

Location: Traralgon South, Victoria

Client: AGL Loy Yang

AGL Loy Yang is a power station and accompanying open cut coal mine (covering approximately 6000 hectares) located in the Latrobe Valley, 165 kilometres south east of Melbourne. Beveridge Williams has proudly held the survey contract at AGL Loy Yang for more than 22 Years. The mine supplies coal to the Loy Yang A power station and the Alinta owned Loy Yang B station, which jointly, produce a power output of up to approximately 3,000 Mega Watts. Each year the mine provides approximately 329 million cubic metres of coal and 7 million cubic metre of overburden/interburden using four bucket wheel dredgers.

Beveridge Williams annually performs a range of monitoring and control surveys on various structures, plant, mine areas as required for various on-site projects. A range of techniques are used including static GNSS survey, precise levelling, high precision total station and photogrammetry using an UAV.

Routine tasks at the site which are managed by a dedicated group of full-time on-site Surveyors with the support of our Traralgon office include:

- excavation plan set-outs
- machine guidance models
- monthly quantity surveys
- underground service set-outs and locations
- consultation with the AGL Civil Group on the constant evolution of drainage
- rehabilitation
- roads and other civil requirements on site
- conveyor extensions and shifts
- and other varying tasks as required by the mine and power station operation groups.

Beveridge Williams is regularly involved in outages and major project upgrade works on-site. We provide alignment information on machinery such as the bucket-wheel boom and bridging conveyors, using two high accuracy total stations whilst the dredger is configured and weighed in various positions. We do this so that engineers can calculate the force of the modules of the dredger that are exerted on the digging unit, hence calculating an accurate weight (approximately 18,000kg).

Recently AGL has commenced installation of a new dewatering pump system to dramatically increase their capacity to pump ground water out of the mine. The mine is over 100 metres below sea level in some places, resulting in a large catchment area for rain water that accumulates in the mine. Beveridge Williams has been involved in every aspect of this job, from the initial feature survey and set up of an additional control network, to providing as-constructed surveys of newly installed plant and infrastructure. Beveridge Williams works closely with the principal contractor in conducting set out surveys, generating machine models, and providing other survey requirements as they arise.

Looking to the future, Beveridge Williams remains committed to providing AGL Loy Yang with high quality service, introducing new technologies and expanding our range of on-site service offerings to maintain our excellent partnership.





Whyte Sands Estate

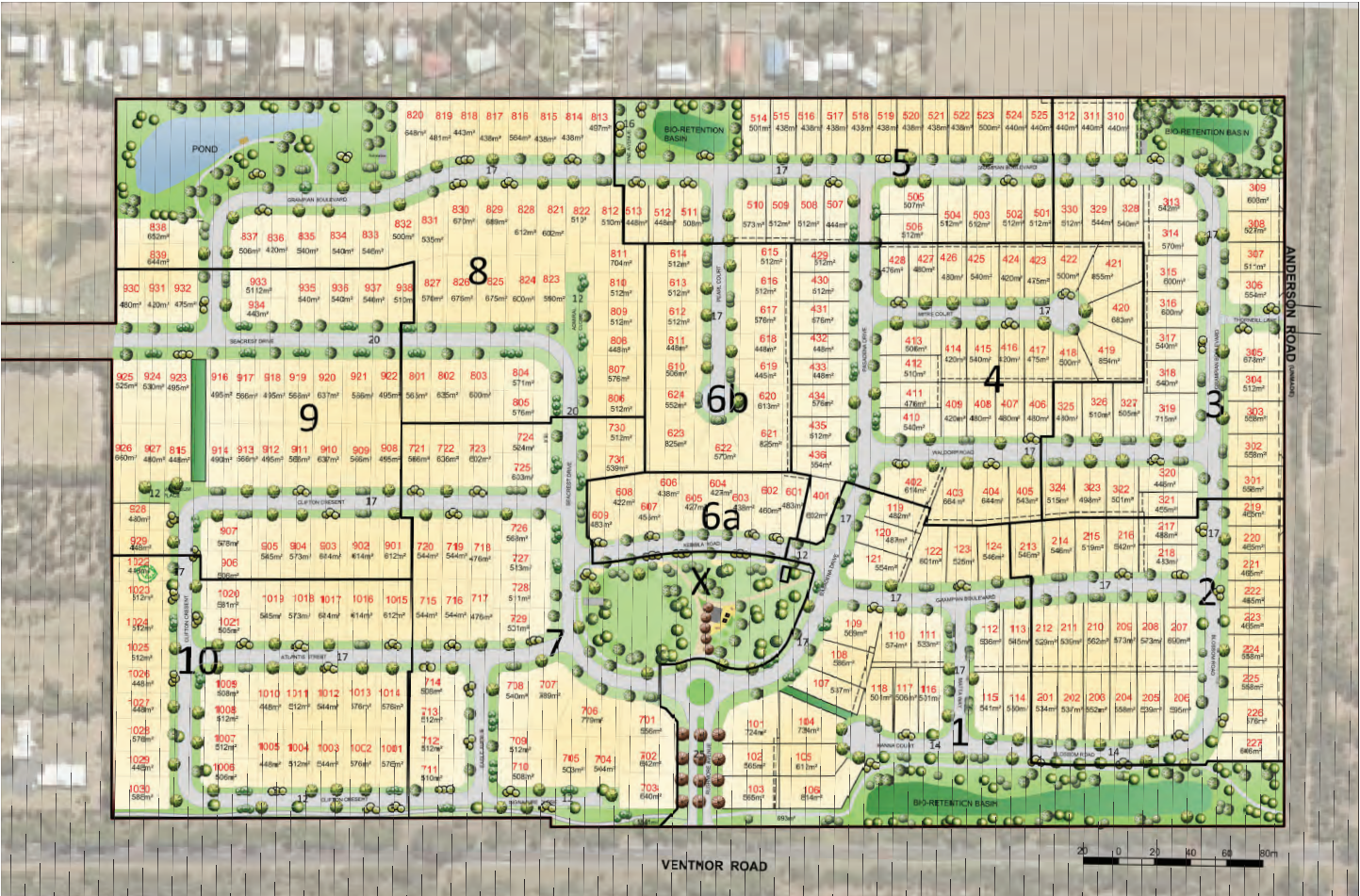
Location: Ventnor Road (cnr Anderson Road), Cowes

Client: Whyte Sands Investments Pty Ltd

Size: 26 Ha

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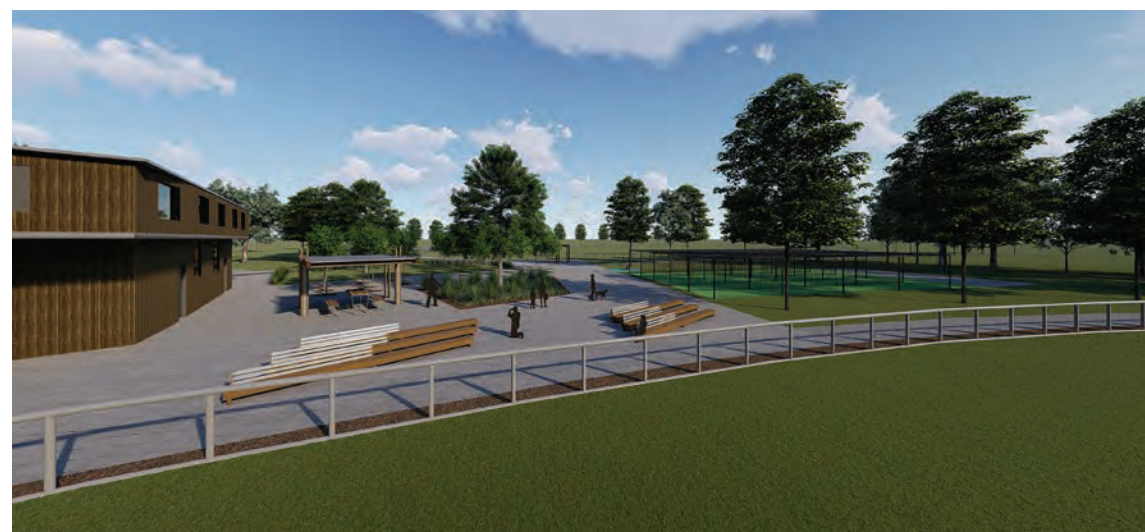




Epping Recreation Reserve

Location: Epping, Victoria
Client: Whittlesea City Council

Epping Recreation Reserve is a municipal reserve within the city of Whittlesea. The master planning process reviewed reserve usage and gaps in the provision of recreational facilities to ensure that the growing population of the City of Whittlesea continues to be catered for. The master plan considered site layout and recreational facilities, social amenity infrastructure, accessibility and landscape amenity in order to provide an enhanced recreational and social experience for the community.





Hopkins Correctional Centre

Location: Ararat, Victoria

Client:

Size:

Beveridge Williams was part of the successful bid team, Secure Environment Design Alliance (SEDA), for this project which incorporates a 350-bed expansion and redevelopment of the existing Hopkins Correctional Centre. As a key design consultant we have worked closely with the team to develop this complex project from the initial Master Plan through to the construction phase. Our Landscape Architects worked in partnership with Guymer Bailey Architects to design the hard and soft landscape works within the expansion and existing facility. This includes the Gatehouse entry, Main Street walkway, sports facilities, residential units, car parks and extensive areas of native planting.





Clyde Village

Location: Clyde, Victoria

Client: National Pacific Properties Pty Ltd

Clyde Village Retail Precinct contains a Coles full line supermarket together with a Coles petrol station, McDonalds, a medical precinct and a range of medical outlets. Beveridge Williams provided landscape architecture services to provide a landscaped carpark and contemporary entry plaza space to complement the building design.





Monument

Location: Plumpton, Victoria
Client: Resi Ventures
Size: 470 Lots

Monument is a planned development for approximately 470 lots with key elements including a large central park, a major wetland and drainage system. The vision for the site is to create unique design elements throughout the development with a dominant 'red' colour scheme. Beveridge Williams have developed schematic and concept designs for the central park, entry statements, fitness trail and bridge over the drainage line.





Toolern Waters

Location: Melton South, Victoria

Client: LNBJ Pty Ltd

Size: 275 Lots

Beveridge Williams is currently preparing landscape and streetscape designs for this new development in Melton. It is a 274 lot residential subdivision, incorporating a mix of conventional and medium density residential lots, a small commercial area, passive open space, a conservation area, an escarpment accommodating a shared use trail and wetland areas.





Park Central

Location: Officer, Victoria
Client: National Pacific Properties Pty Ltd
Size: 363 Lots

Park Central lies within the south west corner of the Officer Precinct Structure Plan. The development incorporates approximately 363 conventional and medium density housing lots, providing a range of affordable living options. It is located close to the new Officer Town Centre which encourages a family community environment.

The 23 hectare rural site has been transformed into an attractive living environment through the successful collaboration of a multi-disciplinary team of engineers, town planners, landscape architects and urban designers.

The landscaping of the estate provides a distinctive central local park comprising of a multi-use playground, dry creek bed, picnic area and open space for residents and the wider community. The road hierarchy conveys a distinctive character utilising deciduous and evergreen trees in avenue-style planting to the larger roads and more informal local-style planting to the smaller streets.



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