



COMPANY PROFILE

engineering . project management . urban development . construction administration

ABOUT HEC

HEC is a multi-disciplined firm that provides Engineering services, Project Management and Specialist Advice in the areas of Land Development, Infrastructure Design and Construction servicing Private Developers, Organisations, Municipalities, Sewerage & Water Authorities & Catchment Management Authorities.

With offices located in Swan Hill and Ocean Grove, HEC is well positioned to provide Civil Engineering related services throughout Central & Northern Victoria as well as the Geelong, Surf Coast and Southern Victorian regions.

With over 25 years of combined professional experience in development management, land development, project management, infrastructure design, contract administration and construction surveillance within Victoria and Southern New South Wales and a proven reputation for quality, safety and a client focused approach, HEC is perfectly placed to deliver projects large or small.

Our team includes professional staff with a wide range of experience in all aspects of civil engineering practices throughout the Geelong and Melbourne areas. HEC staff possess strong technical skills and utilise advanced technical aids and design software enabling the provision of high quality, efficient and sustainable urban design outcomes for clients.

HEC maintains a large emphasis on ensuring that customer objectives, timeframes and expectations are clearly identified and managed in a safe, prompt and cost effective manner throughout the delivery of the project.



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At HEC quality and safety are our highest priority. We have recently gained independent third party certification in Quality (ISO 9001:2008) and OHS (AS/NZ 4801:2001) and are JAS-ANZ accredited.



Heil Engineering Consultants has experience and capability in providing a complete Project Management, Design & Contract Administration package to manage and deliver all key phases of the project, starting with Project Briefing & Initiation through to the Delivery and Completion of the Project.

HEC will also liaise with specialist consultants to ensure that all Project particulars are catered for.

AUTHORITIES & ACCREDITATIONS

- Engineers Australia member
- Coliban Water accredited
- Barwon Water accredited
- Lower Murray Water accredited
- Goulburn Valley Water accredited
- Experienced NBN & Telstra asset designers



SERVICES

Project Management

- Implementing and managing Prince 2® Project Management Systems for projects.
- Identifying and liaising with key project stake holders, such as the Client, Municipalities, Catchment Management Authorities, Environmental Protection Authority, Department of Primary Industries, Service Authorities and the Public Sector including preparation of a Communication Management Strategy.
- Identifying client and project objectives and establish key deliverables and timeframes.
- Establish Quality Management Systems to ensure that the project scope, cost and timeframes are identified, managed and controlled throughout the duration of the project.
- Risk Management including identifying risks, assessing risk through risk matrix, preparing a risk management plan, implementation and maintenance of the plan and continual communication with key stakeholders.
- Chairing meetings with the Key Stakeholders and the Project Team
- Project Feasibility Assessments
- Continual Project Review & Reporting to KeyStakeholders.

Conceptualisation & Feasibility

- Site investigation and assessments
- Service investigation Reports.
- Liaison and coordination with various Specialist Consultants and Key Stakeholders including Planners, Surveyors, Landscape Architects, Architects, Structural Engineers, Traffic Engineers, Ecologists, Arborists, Geological Engineers, Solicitors, Accountants, Banks, Real-estate Agents, Valuers, etc.
- Preparation of conceptual infrastructure and drainage plans
- Preparation of the conceptual development layout plans
- Preparation of feasibility report and conceptual sewerage & water reticulation plans including liaison with the relevant sewerage and water Authority or Corporation.
- Feasibility analysis including preparation of an Opinion of Probable Project Costs.
- Provision of professional advice relating to Design, Construction and Project Delivery.
- Preparation of Infrastructure Provision Plans and Conceptual Storm Water Drainage Plans to support planning permit applications



SERVICES

Planning & Infrastructure Design

- Urban Development / Subdivision Advice
- Street and Drainage Design
- Sporting facilities including netball courts, football pitches, tennis and basketball courts.
- Large and small scale irrigation design.
- Minor stormwater drainage including underground and surface drainage.
- Major storm water drainage infrastructure including retention basins, water bodies, wetlands and flood ways
- Water Sensitive Urban Design including bio-retention & filtration, swales, sediment ponds and gross pollutant traps
- Sewerage reticulation including pump stations, pressure sewerage systems & water reticulation extensions
- Preparation of Extractive Industry Work Plans and liaison with Department of Environment and Primary Industries.
- Flood modelling including liaison with the relevant Catchment Management Authority

Construction Administration

- Review and confirm Project Scope and Project Deliverables.
- Administration of AS2421 & AS4000 contracts
- Preparation of tender documents and co-ordinate the tendering process.
- Review OH&S and Environmental Systems
- Tender assessment and preparation of tender reports and recommendation.
- Surveillance of infrastructure works including sewerage and water reticulation works
- Liaison with sewerage and water authorities and corporations including managing Developer Funded works and capital works projects.
- Liaison with authorities in order to secure the release of the Statement of Compliance for subdivisions
- Co-ordination of other specialist consulting disciplines
- Opinions of quantities and construction cost estimates



COMPANY

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COMPANY

Heil Engineering Consultants PTY LTD

TRADING AS

Heil Engineering Consultants (HEC)

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