



CONSTRUCTION  
DESIGN  
ENGINEERS

## MLEI IS AN ADELAIDE BASED CONSULTING ENGINEERING FIRM SPECIALISING IN CIVIL AND STRUCTURAL ENGINEERING AND PROJECT MANAGEMENT

MLEI strive to provide professional engineering services incorporating astute and innovative advice in a timely, cost effective and efficient manner. As a team we strive to be market leaders in the engineering industry while providing outstanding customer service.

### OUR SERVICES

- Structural Engineering including design of residential, commercial, mining and industrial structures. Design expertise in steel, concrete, timber and aluminium
- Design of infrastructure including roads, services and bridges
- Civil Engineering including design of large land developments including liaison with Local Government
- Construction supervision, including project management and quality assurance

- Hydrological modelling and flood mapping, urban drainage, network design and existing capacity assessments
- Design capacity using Revit and 12D capacity
- Water course capacity modelling and design, development and assessment of flood management plans and drainage schemes
- Retention and detention dam design
- Water sensitive urban design, wetland design and sedimentation basin design



\$10m Community Centre and Library for the City of Walkerville

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## RECENT PROJECTS

- Civil and structural engineering in association with Dareengineer for an \$90m warehouse development project. The project included a three storey office building, substantial warehouses, cranes, industrial pavements and large civil works including stormwater treatment facilities
- Civil engineering for a 91 allotment subdivision at Aldinga Beach
- Civil and Structural engineering in association with Dareengineer for the City of Walkerville's new \$10m Civic Centre and Library.
- \$40 million redevelopment that changed the old Colonial Mutual Life building into a 4.5-star hotel.
- Design of all Civil and Structural aspects for the \$5m Port Road Medical Centre development.
- Structural review for earthquake assessment including preliminary strengthening design for an existing 20 Storey CBD Building
- Design of 8km of Haul Roads at a significant Australian mine site
- Civil engineering design of bitumen roads for 6.9km of highway and a separate engagement for 5km of highway for a District Council. The highways are heavily used by B-Double trucks and Road Trains for agricultural purposes.
- Flood Studies in Gumeracha, Torrens Park, Meadows & Hawthorndene
- Resources industry, several ongoing consultancies at mining operations around Australia

## APPOINTMENT

MLEI are proud to announce that Tuan Nguyen has been appointed as an Associate Director. Tuan has 16 years of experience in varying engineering work environments, including working within Government, Local Government and private enterprise environments. Tuan's key experience includes working on multi-disciplinary infrastructure projects comprising design, construction phase management and project/contract administration. He has detailed knowledge of highway planning and engineering, municipal engineering, traffic engineering and land developments.



## STAFF

The technical team at MLEI consists of 18 members with experience ranging from graduate level to 40 years. Our vibrant and enthusiastic team are passionate about achieving the best outcomes for our clients. We draw considerable satisfaction from providing innovative, cost effective and efficient engineering design solutions. The firm have a strong focus on the continued professional development of staff and is a CPD partner with the Institute of Engineers Australia. The firm is also a proud member of Consult Australia (formerly ACEA). MLEI is an ISO 9001 endorsed company for quality management. The Company is pre-qualified to provide consultant services to the South Australian Government through the Department of Planning, Transport and Infrastructure (DPTI).

MLEI was proud to be the civil and structural engineering company in a team submission that recently won Australia's first zero carbon challenge. The competition was to design a zero carbon, sustainable house. The award of this completion is a good demonstration of MLEI's ability to innovate, collaborate with other design professionals and provide state of the art engineering advice.

Our staff are reputable in the industry for our technical excellence, professional ethics, project management skills and communications skills. MLEI are committed to engaging with clients and consultants to form an integral team that will collaborate and closely engage to achieve the best possible outcome for every project.



Award winning house at Boston Bay



CML Building, Adelaide



Warehouse development

MLEI is a member of Consult Australia and our Managing Director is a member, and has previously chaired, the Executive Committee in SA. He has also served on the National body of Consult Australia. This professional recognition is formal acknowledgement that our services meet the highest engineering ethics, quality and standards.



**Talented | Approachable | Responsive | Pioneering**