

Zafiris & Associates Pty Ltd

Capability Statement



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This image is of a Hendon Central Shopping Centre, Hendon 5014, SA

Zafiris & Associates Overview

Civil and structural engineering is based on Maths, Mechanics, and Physics but it's also about creative problem-solving. While normally associated with the world's largest buildings, civil and structural engineers must also effectively adapt the infrastructure to complex challenges.

Zafiris & Associates Pty Ltd is an Adelaide based consultancy which was established in 1985 by Tom Zafiris. The family-owned business was established by Tom on his return from an extensive stay in Europe where he was engaged in numerous commercial, residential and industrial projects. Prior to the inception of his company considerable local experience in a wide range of projects was gained through his association with firms like Kinhill, John Connell & Associates, PakPoy and Alexander Gibbs & Partners.

Zafiris & Associates now provides extensive project support across various sectors and services in civil and structural matters. We have a team that has a strong track record of delivering exceptional international and local solutions that are characterised by their high quality, cost-effectiveness, and compliance with regulatory and scientific standards.

Irrespective of the project's location, constraints, environmental conditions, our team possesses the necessary engineering expertise and experience to handle various aspects of the project lifecycle. From project civil design to statutory and regulatory guidance, report writing, monitoring program development and implementation.

Our team comprises exceptionally talented engineering bolstered by over 40 years of experience delivering engineering solutions in South Australia

We have extensive hands-on experience in operating locally, regionally, and globally. Our expertise spans diverse sectors, including commercial facilities, shopping precincts, storage facilities, water engineering, residential developments, gentrification and township developments and governmental agencies at various levels and more.



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How can we help you?

Our services are based on civil and structural design solutions that can implement to achieve infrastructure outcomes for complex challenges. Our design, advice, and civil and structural plans that we provide are in-line with the ever-evolving changes to legislation, regulations, building codes and government policies i.e. (Australian National Construction Codes). Our skilled team leverages these capabilities to deliver robust advice, ensuring the successful acquisition of project approvals. We also excel in compliance site inspections, ensuring safety for developments are met and implementing effective management systems.

The group's broad service offering includes:

- Commercial civil and structural engineering designing and plans for a variety of commercial developments i.e. (sectors, including commercial facilities, shopping precincts, storage facilities, water engineering)
- Residential civil and structural engineering designing and plan for a variety of residential developments.
- We are also capable of reviewing existing infrastructure to determine if it is fit for proposed alteration and if not providing a solution that will fit within desired parameters
- Providing repair solutions to structures that are not performing to the capability desired (if repair is possible)
- Provide client advice and engineering solutions to complex commercial and residential developments.
- Complete civil and structural engineering reporting and documentation.
- Utilise industry standard engineering software's for design development i.e. (National Construction Codes)
- Structural integrity and dilapidation site surveys and reporting.
- We have extensive experience in providing designs and services for infrastructure elements such as:
 - Stormwater drainage, storage and filtration infrastructure
 - Tilt up panels and reinforced concrete walls
 - Bondek and Slimdek slabs
 - Structural steel, bracing design and structural timber
 - Site civil design (cut and fill, finish levels)
 - Loading docks, footpaths, carparks, kerbs and gutters
 - Grillage and raft footings, pier and screw pile systems, waffle pods, concrete slabs
 - Retaining wall (reinforced concrete, sleeper, reinforced block)
 - Boundary fence (reinforced brick, reinforced piers)
 - Concrete swimming pool and tennis court
 - Pylon signs
 - Disability access
 - Various kinds of additions and renovations



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Key Projects & Experience

Zafiris & Associates has made a significant contribution to more than a number of commercial and residential projects. This includes successfully working with clients from development approval through to commissioning and handover. Details of relevant South Australian projects can be found below.



Hendon Shopping Centre & Precinct

Zafiris & Associates was engaged for engineering design and consultation for Thirteen Commercial development of Hendon Shopping Centre Precinct, South Australia.

Hendon Shopping Centre & Precinct development project cost was \$25 million and covered a footprint of 13,353m². The centre comprised of over 30 shops, a car park to facilitate 160 spaces and acting as a community hub. The engineering that was performed by Zafiris & Associates included, stormwater management and filtration, carpark and loading dock design, footings & concrete slab design, structural steel design, tilt up panels design and 10m high pylon sign design.

Prospect Shopping Centre & Precinct

Zafiris & Associates was engaged for engineering design and consultation for Halkidikis Pty Ltd of Prospect Shopping Centre & Precinct, South Australia.

Prospect Shopping Centre & Precinct development and covered a footprint of 3,638m². The centre comprises of speciality shops and commercial offerings in the heart of Prospect. The engineering performed by Zafiris & Associates included carpark and loading dock design, disability access slopes, stormwater management and filtration, carpark bitumen and permeable paving design, footings, structural steel, Bondek slab design and tilt up panel design.



Salisbury North Commercial Warehouse Facility

Zafiris & Associates was engaged for engineering design and consultation by Thirteen Commercial for Salisbury North Commercial Warehouse Facility. The commercial warehouse development covered a footprint of 5,496m². The engineering performed by Zafiris & Associates included establishing site levels, carpark slopes, disability access slopes design site stormwater detention infrastructure and filtration system design, footings & concrete slab design, structural steel & timber design, tilt up panels design and retaining wall design.



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Precious Cargo Childcare Centre, Welland

Zafiris & Associates was engaged for engineering design and consultation by Boston Building Group for an extension to the Precious Cargo Childcare Centre.

The childcare centre extension covered a footprint of 3,212m². The engineering performed by Zafiris & Associates included site stormwater detention infrastructure and filtration system design, footings & concrete slab design and structural steel design

Pooraka Commercial Warehouse Facility

Zafiris & Associates was engaged for engineering design and consultation by Thirteen Commercial for Pooraka Commercial Warehouse Facility, Pooraka South Australia. The commercial warehouse development covered a footprint of 3,035m². The engineering performed by Zafiris & Associates included finish floor levels, carpark slopes, disability access slopes design, site stormwater detention infrastructure and filtration system design, footings & concrete slab design, structural steel design and tilt up panels design.



Royal Park Commercial Warehouse Facility

Zafiris & Associates was engaged for engineering design and consultation by Thirteen Commercial for Royal Park Commercial Warehouse Facility, Royal Park South Australia.

The commercial warehouse development covered a footprint of 7,683m². The engineering performed by Zafiris & Associates included finish floor levels, carpark slopes, disability access slopes design, site stormwater detention infrastructure and filtration system design, footings & concrete slab design, structural steel design and tilt up panels design.

Flinders Park Commercial Office Facility

Zafiris & Associates was engaged for engineering design and consultation by Thirteen Commercial for Flinders Park Commercial Office Facility, Flinders Park South Australia.

The commercial office development covered a footprint of 1,395m². The engineering performed by Zafiris & Associates included finish floor levels, carpark slopes, disability access slopes design, site stormwater detention infrastructure and filtration system design, footings & concrete slab design, structural steel design and tilt up panels design.



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New Life Fitness Gymnasium

Zafiris & Associates was engaged for engineering design and consultation by Brazzale Group New Life Fitness Gymnasium, Woodville South, South Australia.

The commercial gymnasium development covered a footprint of 1,557m². The engineering performed by Zafiris & Associates included finish floor levels, carpark slopes, disability access slopes design, site stormwater detention infrastructure and filtration system design, Bondek slab design, footings & concrete slab design, structural steel design and tilt up panels design.

First Things First Coffee Shop

Zafiris & Associates was engaged for engineering design and consultation by Brazzale Group Woodville Park Commercial Facility, South Australia.

The coffee shop covered a footprint of 798m². The engineering performed by Zafiris & Associates included finish floor levels, carpark slopes, disability access slopes design, site stormwater detention infrastructure and filtration system design, Bondek slab design, footings & concrete slab design, structural steel design, shipping container to work as a structure design



Woodville Park Commercial Office Facility

Zafiris & Associates was engaged for engineering design and consultation by Brazzale Group Woodville Park Commercial Facility, South Australia.

The commercial office facility development covered a footprint of 1,166m². The engineering performed by Zafiris & Associates included finish floor levels, carpark slopes, disability access slopes design, site stormwater detention infrastructure and filtration system design, Bondek slab design, footings & concrete slab design, structural steel design, light pole design, reinforced brick boundary fence design and tilt up panels design.



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Springfield Residential House

Zafiris & Associates was engaged for engineering design and consultation for a residential house in Springfield, South Australia.

The residential development covered a footprint of 2,149m². The engineering performed included finish floor levels, site stormwater detention infrastructure and underground pump system, Bondek slab design, structural steel design, tennis court and swimming pool design, waffle pod footing design and tilt up panels design.



Mitchell Park Residential Housing Development

Zafiris & Associates was engaged for engineering design and consultation by Auta Group for a residential house in Mitchell Park, South Australia. The residential development covered a footprint of 1,394m². The engineering performed by Zafiris & Associates included finish floor levels cut & fill design, site stormwater detention infrastructure design, footings & concrete slab design, structural steel design and retaining wall design.

Fullarton Residential Housing Development

Zafiris & Associates was engaged for engineering design and consultation by Auta Group for a residential house in Mitchell Park, South Australia. The residential development covered a footprint of 811m². The engineering performed by Zafiris & Associates included finish floor levels cut & fill design, site stormwater detention infrastructure design and footings & concrete slab design.



Glenside Residential House

Zafiris & Associates was engaged for engineering design and consultation by Auta Group for a residential house in Glenside, South Australia.



The residential development covered a footprint of 401m². The engineering performed by Zafiris & Associates included finish floor levels cut & fill design, site stormwater detention infrastructure design, footings & concrete slab design, structural steel and timber design and retaining wall design.



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Key People

Below we streamline key people at Zafiris & Associates who can deliver civil engineering services consulting. Contact us about any civil engineering matter, we will be happy to discuss and explore potential solutions that align with your goals or connect you to the relevant person.

	<p>Tom Zafiris Director and Chartered Principal Civil Engineer South Australia</p> <p>Tom has an extensive and successful career spanning over 40 years and has established himself as a capable and highly skilled engineer adhering to a strict code of the client's needs, budget and delivery in a timely manner. In many projects Tom has proven his capability by providing professional and clear communication to keep all parties updated and ensure project delays are avoided where possible. He has delivered on difficult jobs while also managing to keep it to the clients desired budget and all within the required timeline which has result in many of the clients being long-term returning customers. Due to his many successes in engineering, he has developed a strong reliable reputation in the engineering and construction community.</p> <p>Speak to me about:</p> <ul style="list-style-type: none">· Single & multi-storey buildings· Property developments· Housing sub-divisions· Industrial & commercial projects
	<p>Peter Zafiris Senior Civil Engineer South Australia</p> <p>Peter has worked with the company for 9 years and in that time has developed a wealth of knowledge in a range of projects in both commercial and residential. Peter has strong technical skills in all aspects of civil and structural design from designing the stormwater drainage, storage and filtration infrastructure and establishing the cut/fill and finish levels, as well as the whole structural design of a building from the foundations systems, all structural members required and pools and retaining walls where required.</p> <p>Peter prides himself on communication with all involved parties to ensure the smoothest process and best possible result for a project so the client is as happy as possible with the end product.</p> <p>Speak to me about:</p> <ul style="list-style-type: none">· Single & multi-storey buildings· Property developments· Housing sub-divisions· Industrial & commercial projects

UNIT 7, 467 FULLARTON ROAD, HIGHGATE SOUTH AUSTRALIA 5063

Telephone: (08) 8299 9908 Email: admin@zafirisengineers.com.au



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