



CAPABILITY STATEMENT

We will meet your expectations

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Introducing McGregor Surveys

McGregor Surveys is a privately owned Western Australian Company and was initiated in 1993 by Brad McGregor.

With comprehensive experience in many industries, McGregor Surveys deals in varied markets throughout Western Australia and beyond. We have experience in the land development, commercial construction, engineering services and mining development sectors and can provide any surveying requirements within these industries.

McGregor Surveys can deliver a fully operational model by firstly setting up your project with survey control based from existing survey monuments or from the Western Australian cadastral system. We

can then assist in the construction through the life cycle of your project or assist in the development process by obtaining all regulatory requirements for your land development. We can then finalise your project by producing final as-builts of all engineering structures or help in obtaining your certificates of title in a Land Development subdivision.

Built on our core values of reliability, honesty, efficiency and, integrity, our team is committed to delivering a quality deliverable in a safe, cost saving manner which will meet your expectations. We look forward to working with you to successfully deliver your project to your necessary requirements.



HSEQ Commitment

Health and Safety

McGregor Surveys recognises that successful Occupational Health and Safety management is of primary importance in the successful pursuit of business activities.

We are committed to delivering engineering and land surveying services in a manner that will not cause employees, contractors or the general public to be at any risk. In support of these commitments, we implement a zero harm work practice across the board and leaving only positive legacies upon communities in which we operate.

Environmental

McGregor Surveys is committed to the principles of sustainable development and recognises our responsibility to make a contribution to minimise the impact on the environment. Furthermore, we are dedicated to reducing the environmental footprint associated with the various types of activities we undertake regardless of the location or type of project.

We will set objectives and targets and review them annually in order to improve our environmental performance and will regularly assess the environmental impacts of our operations.

Quality

We provide high quality and professional engineering surveying and measurement services in the engineering disciplines of civil, mechanical, structural and mining.

High priority is given to satisfying the client's requirements. We strive to continually improve our quality management systems by ongoing internal audits, and improving the delivery of service and customer satisfaction.



Capabilities

LAND DEVELOPMENT

You can call on McGregor Surveys any time to simply ask the question: can I subdivide my land and if so, what are my options?

We can then provide clear, step-by-step advice on how you can subdivide your land as well as all alternatives and relevant costs.

The first step is normally a contour and feature survey which will be used to determine the layout of the subdivision. This information can be forwarded to the local council and Western Australian Planning Commission for approval.

Once approval has been granted, McGregor Surveys will conduct the necessary fieldwork and can manage all necessary clearances from all government bodies, right through to settlement and the issue of all relevant titles.

Services include;

- » Contour and feature surveys
- » Boundary re-establishment surveys (repeg)
- » Building setouts
- » Strata developments
- » Subdivision developments
- » Project management of land developments
- » Identification surveys
- » Lease area surveys



COMMERCIAL CONSTRUCTION

Our team of Licensed Surveyors and Engineering Surveyors work closely together to ensure all necessary information is transferred from the cadastre to the design grids to enable the required accuracies of all projects.

Our teams are always ready to go when requested from our clients and we are never too far away to produce prompt service to your project. All necessary grids are set out on request and we communicate to all our clients with written reports or drawings showing all set out points and datums.

We will always provide you with our most experienced surveyors throughout the full life of your project, providing you continuity of service without compromising accuracy and quality of the work.

Services include;

- » Tie into cadastral network and establish boundary for commencement of construction
- » Setout for early works – earthworks, piling and services
- » Setout grids for concrete foundations
- » Provide height datums to all subcontractors
- » Check verticality of structures
- » Setout service penetrations on floor slabs
- » Extend survey control to all floors of building



ENGINEERING SURVEYING

Our team has years of experience dealing with all disciplines of engineering and has worked extensively in the mining industry and on major infrastructure projects both in Western Australia and abroad.

Road Construction

This includes major roads working with road building contractors throughout the Pilbara, on rural roads to the east of the city, working to Main Roads specifications and also working on major highways within the Perth urban area.

Mining infrastructure

We have experience in design and set out of airstrips as well as setting out all structures and associated underground services. Within the mining industry, we also have been involved in setting out major tailings dams, water holding dams, pipelines and pumping stations that form part of the infrastructure of mining projects

Subdivision Services

In addition to licensed surveying work to provide boundary set out, McGregor Surveys also has experience working with contractors to set out all sewerage and drainage services as well as all internal roads associated with a land subdivision.

Services include;

- » Major earthworks projects
- » Concrete works setout for formwork and holding down bolts
- » Structural, mechanical and piping setout
- » Monitoring for movement on structures.
- » Environmental surveys
- » Drafting services



MINING PROJECTS

Over the past 25 years, McGregor Surveys has managed surveying work for large scale mine development projects in Western Australia, interstate, Asia and Africa.

We can provide all the expertise, personnel and equipment to set up your project and take it from an exploration phase to a fully operational mine. The services we provide include:

- » Setup survey control to the local nominated grid or to the national adopted grid and maintain all survey control throughout the lifecycle of the project;
- » Audit earthwork contractors for setout accuracy and end of month volumes;
- » Ensuring contractors are working off the relevant drawing revisions;
- » Audit civil contractors and ensure holding down bolts are set to design coordinates;
- » Ensure verticality of formwork and that all cast-in items are positioned to the latest design drawings;
- » Setup the underground services model procedure and manage it with respect to excavation and backfill permits;
- » Audit structural, mechanical and piping contractors to ensure all setout is conducted with the latest design drawings;
- » Prepare permit requests and drafting services on site to assist the Engineering Managers;
- » Final preparation of all as-builts for all underground services; and
- » Final 3D laser scan as-builts of all structures to prepare asset registers for the operations phase.

Services include;

- » Setup initial control network
- » Provision of project surveyors
- » Audit survey on all engineering structures
- » Underground services management
- » Drafting services
- » 3D laser scanning to produce final as-built

Over recent years Surveying has developed with new technologies and McGregor Surveys has followed the latest innovations of surveying hardware and software that is available in the market today.

Ground Penetrating Radar – Underground services.

McGregor Surveys has the necessary resources to locate all existing services using ground penetrating radar such as; electricity distribution, natural gas, cable television, fibre optics, traffic lights, street lights, storm drains, water mains, and wastewater pipes.

Contact McGregor Surveys prior to commencing any excavation on your site to determine if there are existing services on your project footprint.



UAV Surveys – Topographical and volume surveys.

This technology has the following advantages: no interruption to field operations, time and cost efficiency, delivers detailed orthophotos, provides accurate digital models, allows 3D printable models and above all provides a safer alternative compared to conventional survey methods.

3D Laser Scanning

Provides multiple applications as follows;

- » 3D modeling of processing plants to develop asbuilt CAD models to enable asset registers of all components of the plant
- » Dimensional Control to determine differences from design to as-built
- » Operational applications on large platework components to determine wear on structures
- » Monitoring of building facades during commercial construction
- » Assists in presentations by producing a 3D model of any structure





CONTACT US

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