

COMPANY PROFILE AND CAPABILITY

LPD Surveys is a professional survey consultancy specialising in land, UAV, engineering and construction surveys throughout Western Australia.

LPD Surveys can provide Land Development consulting, Asset Mapping, Surveying, UAV Aerial imagery & inspections and 3D Laser Scanning and Dilapidation Surveys.

TECHNOLOGY & SYSTEMS

LPD Surveys has 9 staff and a fleet of 6 vehicles equipped with industry leading Leica GPS, robotic total stations, UAV and Laser Scanning instruments. LPD Surveys continues to monitor and stay ahead of industry leading technology and technique. Providing our clients with the most cost effective and efficient and accurate surveying services.



EQUIPMENT



- Leica GS11, GS14 GS15 GNSS Receivers.
- Leica TS15 & TS16 Total Stations
- Leica 250m digital levels
- 5 star safety rated 4x4 vehicles
- DJI M300 RTK & Phantom 4 Drones
- Leica P50 - 3D Laser Scanner

SOFTWARE



- 12d Model – Civil Engineering & Surveying
- Bentley Context Capture – 3D Reality Modelling
- Virtual Surveyor – Drone Surveying
- Autodesk AutoCad
- Microsoft suite
- Work Flow Max – Client, data and Project Management software.



SERVICES



- Feature & as-constructed surveys
- UAV terrain and 3D modelling
- Civil construction
- Bulk Earthworks
- Structural, Mechanical and Piping
- Dimensional control
- Deformation monitoring
- Roads and rail construction
- Shut downs and maintenance
- Hospitals, schools and high-rise construction
- Laser scanning and 3D point clouds



RECENT PROJECT EXPERIENCE

DEFENCE, MINING & CONSTRUCTION

Northern Star Resources Thunderbox Operations, Leinster

34km pipeline and road construction, pump stations and infrastructure upgrades. Power plant upgrade servicing.

Department of Defence - HMAS Stirling

Marine piling and ongoing deformation monitoring surveys and reporting.

Wormall Civil

Bulk earthworks, auditing and consulting surveys.

Water Corporation Depots Kalgoorlie, Manjimup, Bridgetown.

Designs feature surveys, construction set outs and as-constructed surveys. Dilapidation Reports. Dam water seepage control project civil construction and upgrade works.

Talison Lithium Pty Ltd

Power infrastructure upgrades, feature surveys, re-establishment surveys, application plans and lodgements.

The Civil Group WA Pty Ltd

UAV Road Corridor Mapping Project – Albany WA.



RESIDENTIAL & COMMERCIAL BUILDING

BGC Housing Group

Construction set outs, as-constructed surveys and reporting, cadastral boundary re-establishments.

Woolworths Property and Vicinity Group

Internal measure ups and plan preparation, lease area surveys, maintenance set out and reporting. Subdivision & design feature surveys.

Northerly Construction

Bedingfeld Park (RACF) Aged Care Expansion – Pinjarra.

Crothers Construction

Coolibah Aged Care Extension Project – Mandurah.

Foundation Christian College, Mandurah

3D Mapping, 3D laser scanning for site planning
Underground service location and feature/contour survey.

Castle Projects

Multiple School and Church Additions – Metro Perth & Peel Region.



RECENT PROJECT EXPERIENCE

LOCAL & STATE AUTHORITIES

Department of Water and Environment

Multiple feature, set out and as constructed surveys. Flood mapping and water depth surveys.

City of Rockingham, Bunbury, Kwinana, Mandurah & Busselton + Shires of Manjimup, Bridgetown & Boddington.

Subdivisions, road widenings, feature surveys, land tenure and development consultation. Lease surveys, monitoring, construction set-out and boundary surveys.

Main Roads

Rural road widenings and boundary re-pegs.

Department of Communities

Land subdivisions and contour/feature surveys.

Department of Lands

Approved supplier of cadastral surveys – various crown lands subdivisions.

Department of Biodiversity, Conservation & Attractions.

Swan Hills, Albany, Serpentine and Dwellingup regions. Large area mapping and feature surveys, set out surveys for park upgrades, walkways, bridges, amenities, roads and access. Wide area 3d surface modelling and mapping with use of drones. High Water Mark (HWM) determinations, water level monitoring, watercourse mapping and modelling. Large data set handling and integration.

TELECOMMUNICATIONS & INFRASTRUCTURE

South Energy

Solar farm (300ha) design mapping project – Landwehr Road, Waroona. UAV mapping / feature survey and boundary re-establishment for new solar farm design.

Telstra Property

Facade scanning and elevation plans, inspections, boundary and lease areas establishments and plans.

BAI Communications (Federal Division)

Telecom tower inspections, surveys and plans. Boundary re-establishments and easements.

