

PRECISION AT THE ORIGIN.

Engineering-grade surveying, geodetic control and field execution for infrastructure and renewable energy projects.

GNSS & GEODETIC CONTROL

FIELD-DEPLOYED SURVEY TEAMS

UAV & SPATIAL INTELLIGENCE

INFRASTRUCTURE & RENEWABLE ENERGY



WE ENGINEER SPATIAL FRAMEWORKS.

ZeroPoint GeoConsulting (Pty) Ltd supports infrastructure, construction, renewable energy, municipal, mining and industrial projects through disciplined control methodologies and rigorous QA/QC systems.

·Every successful project begins with a reliable reference.
That reference is Zero Point.·

COMPANY INFO

Limpopo-based · Operating nationally across South Africa

CONTACT

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Survey solutions built around project needs.

From control network design to on-site deployment and final verification — we ensure what is designed is executed accurately.

ENGINEERING & CONSTRUCTION SURVEYING

Setting-out, structural alignment, deformation monitoring and as-built verification.

GEODETIC & GNSS CONTROL

High-accuracy control frameworks, benchmarks and coordinate validation.

RENEWABLE ENERGY SURVEYING

Solar tracker alignment, pile layout, elevation checks and construction QA.

UAV MAPPING & PHOTOGRAMMETRY

Aerial mapping, 3D terrain products and construction progress monitoring.

GIS & SPATIAL DATA INTELLIGENCE

Spatial databases, asset mapping, GIS analysis and technical reporting.

TECHNICAL SURVEY CONSULTING & QA/QC

Survey oversight, validation, contractor auditing and technical support.

BESPOKE & SPECIALIST SURVEY SOLUTIONS

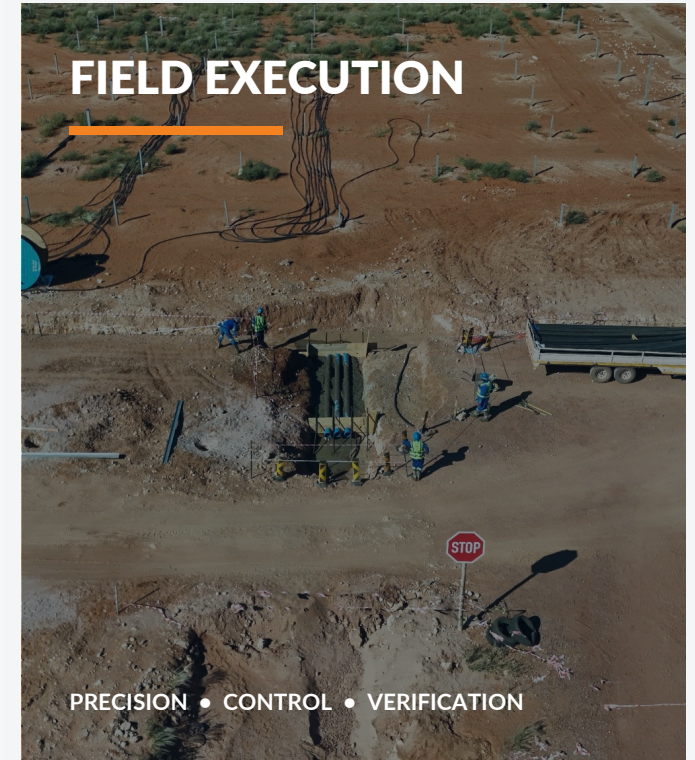
Our core services are a starting point, not a limit. We tailor specialist solutions to project needs, including 3D laser scanning, laser tracking and BIM / Scan-to-BIM.

Visit zeropointgeo.co.za to explore our capabilities and design a tailored survey solution for your project.

SECTORS WE SUPPORT

Civil Engineering & Construction | Roads & Infrastructure | Renewable Energy | Mining, Tailings & Industrial | Municipal & Public Infrastructure

Engineering surveying | Geodetic control | Field execution | QA/QC | As-built verification | Spatial intelligence



A controlled workflow from reference to verification.

We create traceable survey information that can be checked, communicated and relied upon by engineers, contractors, quantity surveyors and project managers.

SYSTEM-DRIVEN DELIVERY

We don't just measure. We engineer spatial frameworks.

From the first control point to the final verification, our workflow is designed around accountability, traceability and fit-for-purpose accuracy.

01

PROJECT REVIEW

Drawings, specifications, tolerances, coordinate systems and constraints.

02

CONTROL

Establish, verify and maintain the spatial reference framework.

03

FIELD DEPLOYMENT

Use GNSS, total station and levelling methods appropriate to the required accuracy.

04

DATA + QA/QC

Process observations, compare design against actual conditions and validate deliverables.

05

REPORT + VERIFY

Issue survey reports, as-builts, quantities, coordinates and technical information.

WHY ZEROPOINT

Engineering-grade control methodologies • Field-capable survey teams • Integrated GNSS, UAV & GIS workflows • Infrastructure-focused • Technically defensible and audit-ready

We design it. We establish it. We verify it in the field.

START YOUR PROJECT WITH PRECISION AT THE ORIGIN.

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SITE-READY SURVEYING

Field-deployed support for live infrastructure and construction environments.