

ELITE GROUP



ELITE SURVEY MARINE — ELITE SURVEY — ELITE DIGITAL ENGINEERING
TECHNICALLY ASSURED ORGANISATION NO. 209

CAPABILITY STATEMENT

CIVIL & CONSTRUCTION SURVEY
MARINE & FORESHORE SURVEY
DIGITAL ENGINEERING & BIM
CADASTRAL & DETAIL SURVEY
HYDROGRAPHIC SURVEY
3D LASER SCANNING

2025

HIGHER STANDARDS

We take professionalism seriously.



ELITE SURVEY

OUR LOGO

The focus and accuracy symbolised in the cross-hair represents our core values found on the following page; Care, Success, Excellence & Can-do.



WORLDLY REGARD

We're continually improving our operations and reducing unnecessary risks with the help of the world's most recognised quality management system standards.



STATELY CONFIDENCE

As a member of this professional association, we agree to adhere to its code of conduct, shared by 100's of surveying firms across NSW.

OUR TECH.

We love new technologies so you don't have to.



● **LEICA VIVA
TS 15/16
TOTAL STATION
12D FIELD**

RANGE
1.5 m - 10 km
DISTANCE ACCURACY
1.0mm +1.5mm ppm

12d FIELD
AutoCAD

SURVEYING

SPEED
3kts (1.5m/s)
DEPTH ACCURACY
+/- 100mm
RANGE
Unlimited
(with support vessel)

**TELEDYNE MARINE
REMOTE CONTROL
Z-BOAT 1800**



HYDROGRAPHIC SURVEY



● **DELL
PRECISION
7280 TOWER**

SPECS
Intel Xeon 8253 (16 cores)
NVIDIA Quadro pro P5000
192Gb RAM

Autodesk Revit
Cyclone

DIGITAL ENGINEERING

RANGE
1.5 m - 120m / 270m
DISTANCE ACCURACY
1.2mm +10mm ppm
RISCAN Pro
Cyclone Core
Cyclone 3DR

**RIEGL VZ-600I
LASER+IMAGE
SCANNER
STATIC/KINEMATIC
BACKPACK MOUNT
VEHICLE MOUNT**

**LEICA P30
LASER+IMAGE
SCANNER**



3D SCANNING

SURVEYING UNDER SYDNEY HARBOUR



“

Elite staff are always ahead of the site requirements and have a firm understanding of what needs to be done. Helped by their full time manager on site with a wealth of construction knowledge, its good to know we are in safe hands...

MARCO

SITE FOREMAN

”

WESTERN HARBOUR TUNNEL M&E

Current | Gov | Transport | M&E | STRUCTURES | SERVICES

Elite Survey is currently engaged on the Western Harbour Tunnel project after being awarded the M&E surveying contract to provide comprehensive survey services for the mechanical and electrical fit-out phase.

At the time of writing, we have a dedicated team of eight full-time surveyors on site, self-performing all M&E survey requirements and supporting multiple subcontractors with the precise installation of structural and service components within the tunnel environment.

Our role extends beyond traditional setout – providing ongoing as-built verification, structural positioning, and survey control management to ensure all M&E works integrate seamlessly with the civil and structural elements of the project.

4.3
BILLION

TOTAL PROJECT COST

3
YEARS

CONTRACT LENGTH

10
SURVEYORS

PROVIDED AT ITS PEAK

ACCIONA

CLIENT



SURVEYING AUSTRALIA'S BUSIEST ROAD

Elite has played a crucial part of this complex build to date. From finding major design issues and resolving, to working around the clock on weekend shutdowns to service a logistically complex project. I would highly recommend them for future works...

WILL

SENIOR CIVIL SUPERINTENDED

WARRINGAH FREEWAY UPGRADE

Current | Gov | Transport | CIVIL | STRUCTURES | SERVICES

Elite Survey is currently engaged on the Warringah Freeway Upgrade project, having been awarded the structural, civil, and monitoring contract to provide all surveying services. Early in the project, Elite identified errors in the existing survey data that the design relied upon, making it critical to accurately scan and model all on-site structures. Our dedicated BIM team transformed the point cloud data into highly accurate models to support design purposes.

At the peak of the project, Elite deployed up to 10 full-time surveyors on site, assisting CPB in delivering one of Australia's most logistically challenging infrastructure projects. With a road carrying 250,000 vehicles daily, full shutdowns were not an option, requiring intricate traffic management and complex traffic switches to allow construction to safely proceed.

2.2
BILLION

TOTAL PROJECT COST

3
YEARS

CONTRACT LENGTH

11
SURVEYORS

PROVIDED AT ITS PEAK

CPB

CLIENT

DIGITAL ENGINEERING & REALITY CAPTURE



..very satisfied with the professionalism and willingness to ensure this project was completed to the clients requirements...the data supplied has made the installation faster and has identified future fabrication & installation issues that would have caused on-site time delays and costs. I have already recommended their services to other clients..

PAUL

Project Manager
Brolton Group



WESTCONNEX SPI & M&E WORKS

2019 | Gov | Transport | M&E | STRUCTURES | PAVEMENTS | SERVICES

Elite Survey provided comprehensive surveying, scanning, and BIM services to the landmark WestConnex project — one of Australia's largest infrastructure undertakings.

Our scope included:

- Engineering setout and QA for large-scale infrastructure including ventilation buildings, control centres, pavements, and structural elements
- QA verification and redesign support for complex mechanical and electrical (M&E) installations within the tunnel system and associated façade structures
- 3D scanning and BIM integration to streamline coordination and detect clashes early in the construction phase

Our involvement has extended beyond the core construction phase. Elite Survey continues to support the project by supplying ongoing positional monitoring data for key structures, helping ensure long-term performance and structural integrity.

This project showcases our ability to deliver precision and value across every phase of major infrastructure delivery — from initial setout to ongoing asset monitoring.

4.3

BILLION

TOTAL PROJECT COST

4

YEARS

CONTRACT LENGTH

4

SURVEYORS

PROVIDED AT ITS PEAK

CPB

CLIENT

TUNNEL SURFACE WORKS



..very satisfied with the professionalism and willingness to ensure this project was completed to the clients requirements...the data supplied has made the installation faster and has identified future fabrication & installation issues that would have caused on-site time delays and costs. I have already recommended their services to other clients..

PAUL

Project Manager
Brolton Group



M6 SURFACE WORKS

2025 | Gov | Transport | M&E | STRUCTURES | PAVEMENTS | SERVICES

Elite Survey was engaged by CPB to deliver comprehensive surveying services for the surface works of the M6 project, one of Australia's most high-profile infrastructure developments.

Our scope included the precise setting out and rigorous QA verification of all civil works and structural elements.

At peak delivery, we deployed a dedicated team of four full-time surveyors on site, ensuring accuracy, efficiency, and seamless integration with the broader construction program.

3.1
BILLION

TOTAL PROJECT COST

2
YEARS

CONTRACT LENGTH

3
SURVEYORS

PROVIDED AT ITS PEAK

CPB

CLIENT

REMOTE PROJECTS FOR REPEAT CLIENTS



Elite serviced our remote project from start to finish and provided a very competent team of surveyors in rotation on a FIFO roster. I have highly recommended that they be put forward for projects I will work on in the future.

ROSCO
CIVIL FOREMAN



DUBBO RAIL MAINTENANCE FACILITY

2024 | Gov | Transport | CIVIL | STRUCTURES | SERVICES

Elite Survey was proud to deliver the surveying services for the new Dubbo Rail Maintenance Facility, a remote and logistically challenging project.

To meet the demands of the site, we deployed a skilled rotating FIFO crew, ensuring continuity and precision across all stages of construction. Our team established the initial survey control and provided comprehensive surveying for all civil and structural elements.

At the peak of the project, six of our surveyors were on site full-time, demonstrating Elite Survey's ability to manage remote, high-demand projects efficiently and reliably.

1

BILLION

TOTAL PROJECT COST

2

YEARS

CONTRACT LENGTH

6

SURVEYORS

PROVIDED AT ITS PEAK

CPB

CLIENT

SURVEYING SYDNEY'S NEW ROAD INFRASTRUCTURE



RION

Survey Manager
Lendlease

..always professional and up for any spatial challenge I throw at them. I greatly appreciate their reliability and accuracy in all work they undertake.



NORTHERN ROAD (TNR3)

2019 | Gov | Roads | Construction Setout & Machine Control

A major road upgrade spanning several kilometres posed significant challenges due to the presence of both known and unknown underground services. Our most complex task was prioritising utility relocations and sequencing installations to avoid delays and minimise clashes with construction activities. We worked collaboratively with the engineering teams to develop practical, cost-effective solutions for resolving design conflicts between new road infrastructure and existing utilities, all while staying aligned with the project's constraints and budget.

Elite Survey deployed a dedicated team of experienced surveyors with expertise in:

- 3D utility modelling and clash detection
- Civil setout and Work-As-Executed (WAE) documentation
- Survey support for staged traffic switches

A dedicated surveyor was assigned to manage:

- DBYD (Dial Before You Dig) documentation
- Permit to penetrate updates
- Services redesign coordination

Through proactive planning, strong stakeholder engagement, and efficient use of technology, we delivered accurate, timely data that supported smooth construction progression and safeguarded critical services.

400
MILLION

TOTAL PROJECT COST

2
YEARS

CONTRACT LENGTH

6
SURVEYORS

PROVIDED AT ITS PEAK



CLIENT

SURVEYING SYDNEY'S NEW ICONIC LANDMARKS

CHRIS

senior project manager

I have worked with Elite Survey for years now on all kinds of projects. Having trusted help on site is what its all about, it just works...

THE NEW SYDNEY FISH MARKETS

2025 | Gov | Structures | Construction Setout & Monitoring

Elite Survey, with its wealth of expertise in the marine sector, was the natural choice to provide surveying services for the construction of the new Sydney Fish Market. Over a period spanning four years, Elite Survey contributed across multiple project phases. Starting with initial investigative works, they collaborated with the demolition team to clear the existing structure. During the construction phase, Elite Survey took on responsibilities for positioning and reporting on 506 steel-driven piles for both the building and promenade, accurately positioning sheet pile walls for the cofferdam, and establishing autonomous monitoring systems with live alerts to track structural movements on-site.

The team's meticulous attention to precision was essential in landing precast concrete headstocks onto steel piles within a 10mm tolerance, setting out structural steel and the wave-like architectural roof, and conducting 3D scans of various project components to produce accurate work-as-executed plans. Additionally, Elite Survey created shop drawings for complex structural steel elements when required, showcasing their commitment to both technical accuracy and innovative surveying solutions throughout the construction process.

1

BILLION

TOTAL PROJECT COST

3

YEARS

CONTRACT LENGTH

4

SURVEYORS

PROVIDED AT ITS PEAK

**SMC AND
MULTIPLEX**

CLIENT

HYDROGRAPHIC SURVEYING TO DESIGN AND CONSTRUCT IN HARSH REMOTE ENVIRONMENTS

“

..we needed an 85.3km canal surveyed & without Elite and their z-boat this project would not have been possible to deliver on-time. It was a pleasure working with Elite through all stages of the D&C. We look forward to the next project with the Elite team.

MEHDI

Project Manager
John Holland

”

MURRUMBIDGEE (MIARA)

2017/18 | Irrigation | Volumes,
Setout & Capacity increase

10

MILLION

TOTAL PROJECT COST

2

YEARS

CONTRACT LENGTH

8

SURVEYORS

PROVIDED AT ITS PEAK



**JOHN
HOLLAND**

CLIENTS

The MIARA Project focused on upgrading and replacing ageing irrigation infrastructure to improve water delivery efficiency and increase flow capacity to local farmers along the Murrumbidgee.

Our Role:

Elite Survey was engaged to provide full survey support for both the design and construction phases.

Our team:

- Conducted a detailed survey of over 85 km of canal, using our Z-Boat for all water-based data collection and GPS/total station systems for land-based works.
- Surveyed and modelled more than 300 individual structures, ensuring precise as-built data for the design team.
- Delivered the works on time and within budget, despite the project's scale and logistical challenges.

Following completion of the detailed survey, we supported the construction phase by setting out the final design over a six-month period, completing the works just in time for the local dry season – when the irrigation network is most critical for the region's farmers.

KEY PERSONNEL

Meet the key people
behind the wheel of
Elite Survey.

"I bring over 20+ years of survey experience specialising in RMS road upgrades and marine construction as a project surveyor and Director.

My out-of-the-box solutions and vast knowledge in the construction industry means I'm always keen to take the road less travelled"



JAY

CO-FOUNDER & DIRECTOR
AssocDeg. Spatial Science (2013)

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AARON

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"My 20+ years of experience in engineering surveying have seen me as a project solution provider and, since 2013, on-the-ground Director. My reliability and attention to detail are combined with an energetic and enthusiastic pride in surveying and problem-solving."

"With over 20 years in construction and engineering surveying as a Senior Surveyor, I've worked on a diverse range of projects across Australia. I have a vast amount of knowledge across all aspects of surveying however I'm best known for my friendly persona on-site and ability to get the job done on-time every time."



DAVID

GENERAL MANAGER
B.Eng(Hon) Surveying & Spatial
Information Systems (2012)

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