



COVEIL
ENGINEERS



CAPABILITY STATEMENT



THE ONLY ENGINEERS
You Will Ever Need

Our Expertise Extends to effectively address the diverse needs and complexities of such projects, ensuring optimal outcomes for our clients.

As a comprehensive consultancy, Coveil specializes in various key sectors within the built environment: encompassing Buildings, Infrastructure, and Urban Development.

With the evolving landscape of mixed-use developments, we recognize the growing trend of integrating multiple sectors within a single building or as interconnected components of master-planned urban projects.

Our expertise extends to effectively address the diverse needs and complexities of such projects, ensuring optimal outcomes for our clients.



OUR
Services

Coveil offers a comprehensive range of integrated engineering, design, and construction services.

Our team consists of individuals with diverse levels of experience, industry exposure, and strengths, allowing us to excel in various fields such as residential, industrial, and commercial sectors.

The synergy within our team enables us to handle projects of varying complexity and size.



STRUCTURAL
ENGINEERING



CIVIL
ENGINEERING



FORENSIC
ENGINEERING



GEOTECHNICAL
ENGINEERING



COVEIL
ENGINEERS





Innovative Design. Technical Precision. Buildable Solutions.

Our structural engineering team delivers innovative, practical, and efficient designs across residential, commercial, industrial, and institutional projects. We combine creative problem-solving with engineering precision to achieve structures that are both elegant and economical.

With extensive expertise in timber, steel, concrete, and masonry design, we apply a strong understanding of Australian Standards, construction methodologies, and council requirements to every project. Our team works collaboratively with architects, builders, and developers to ensure seamless integration from concept through to construction.

We pride ourselves on producing clear, compliant, and buildable documentation that streamlines approval and construction processes—balancing structural integrity, safety, and cost-effectiveness to deliver enduring results.



INDUSTRIAL

- Light Industrial
- Warehouses
- Factories
- Mezzanine Floors
- Heavy Industrial



COMMERCIAL

- Office
- Retail



RECREATION, LEISURE AND ANCILLARY STRUCTURES

- Waterslides
- Freestanding Display Sign
- Sports Pavilion

Regulation 126A Certification of Compliance
Regulation 126B Certificate of Inspection
Structural Engineering Professional registration
and \$10 MIL PI Insurance Cover



RESIDENTIAL

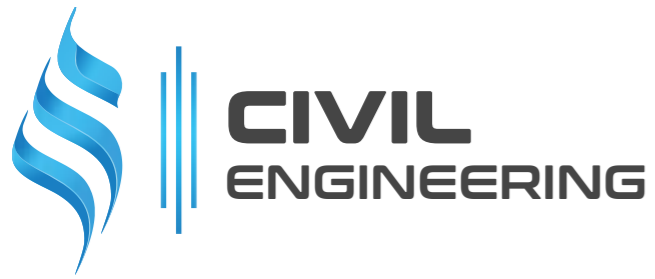
- Multi Unit Residential
- Development
- Boutique Residential
- Buildings
- Building Extensions & Renovations
- Multistory Apartment Buildings



INSTITUTIONAL

- Schools
- Nursing Homes
- Retirement Villages





Practical, Compliant, and Cost-Effective Engineering Solutions

We specialise in residential and industrial/commercial stormwater design that meets local council, Registered Building Surveyor (RBS), and Australian Standard requirements. Our services include on-site detention (OSD) design, hydraulic computations, LPOD coordination, and complete stormwater documentation for approval and construction.

Every design is tailored to the site's conditions—balancing technical accuracy, sustainability, and cost-effectiveness. Using expert engineering and in-house QA systems, we deliver reliable, efficient, and compliant drainage outcomes.

Past projects also includes a geotechnical and drainage investigation at Henderson Creek Wetlands (City of Whittlesea) and EPA-compliant sediment classification across multiple Whittlesea sites, showcasing our ability to merge engineering precision with environmental responsibility.



INDUSTRIAL/COMMERCIAL

- STORMWORK
- CIVIL SYSTEMS



DESIGN

- CONNECTIONS TO WATER
- AUTHORITIES WATERWAYS



RAINWATER

- TANK STORAGE



RESIDENTIAL

- STORMWORK
- CIVIL SYSTEMS



STORMWATER

- PUMP SYSTEMS



OUTFALL

- DRAINAGE



WATER SENSITIVE

- URBAN DESIGN (WSUD)

Regulation 126A Certification of Compliance

Regulation 126B Certificate of Inspection

Structural Engineering Professional registration and \$10 MIL PI Insurance Cover





Accurate Diagnosis. Practical Solutions. Long-Term Integrity. Our forensic engineering team specialises in identifying, analysing, and resolving structural distress in existing buildings and infrastructure. We investigate issues such as foundation movement, footing failure, cracking, water ingress, and material degradation, combining site inspections, testing, and structural analysis to determine the true cause of failure.

Using advanced diagnostic tools and engineering expertise, we provide clear, evidence-based reports that guide rectification works and support insurance, legal, and compliance processes. Each solution is designed to be technically sound, cost-effective, and durable, restoring both the structural integrity and value of the asset. Our focus is not only on repair but on preventing future failures, ensuring every recommendation enhances safety, performance, and life cycle resilience.



STRUCTURAL SITE

- INVESTIGATIONS



FRAMING

- INVESTIGATIONS



FOOTING

- INVESTIGATIONS



DILAPIDATION REPORTS

- LEGAL
- INSURANCE
- REPORTS



STRUCTURAL

- ENGINEERING



BUILDING DEFECTS

- REPORTS



DETAILED REPORTS

- INVESTIGATION
- DISTRESSED



ADVISE FOR WORKS

- ON BOUNDARY
- OR PROPOSED STRUCTURES
- ADJOINING EXISTING
- STRUCTURES





Precise, Compliant, and Foundation-Ready Geotechnical Solutions
We deliver comprehensive geotechnical engineering services to support safe, efficient, and compliant foundation design across residential, commercial, and industrial developments. Our capabilities include soil testing and classification, deep drilling and borehole investigations, slope stability analysis, retaining wall design, and pile/pile-retention system design.

All assessments are informed by detailed site investigation, accurate subsurface data, and engineering best-practice in accordance with Australian Standards and regulatory requirements. We focus on providing clear, practical recommendations that optimise buildability while managing site risks such as reactivity, settlement, groundwater, and slope instability.

Our geotechnical reporting seamlessly integrates with structural and civil design needs giving our clients confidence in foundation decisions and construction outcomes.

Below is an overview of the services offered within our geotechnical engineering domain:



SOIL TESTING
LABORATORY TESTING



SOLID
RETAINING WALL



DEEP
DRILLING



SLOPE
STABILITY ANALYSIS



PILE
SYSTEM



PILE
RETENTION DESIGN





20+
Years of Success

5k+
Projects Nationwide

250M+
Projects Completed

4.9
Customer Rated

ADAPTABILITY

At Coveil, we understand that every project and client is unique. We offer tailored engineering solutions that balance creativity, functionality, and practicality—ensuring designs that align seamlessly with your project vision and objectives.

Our adaptability extends beyond design; we work closely with clients to accommodate evolving project needs while maintaining alignment with budgetary frameworks and project milestones.



EXCELLENCE IS OUR UNWAVERING COMMITMENT

Quality is the cornerstone of Coveil's approach. Our team is dedicated to maintaining the highest standards of engineering precision, innovation, and accountability throughout every stage of a project.

We adhere to rigorous quality assurance protocols to ensure each design and document reflects our commitment to safety, compliance, and constructability.

This pursuit of excellence has earned us a trusted reputation for delivering technically sound, cost-efficient, and enduring outcomes that consistently exceed client expectations.





THANK YOU

CONTACT US



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