

We're hiring a
Foundations Design Technician

THE ROLE

Foundations Design Technician

Full Time.
Permanent.
Eight Mile Plains.

THE TEAM

Brisbane and Kuala Lumpur

Reports to the
Foundations Design
Manager.

THE COMPANY

STA Consulting Engineers

Family and
employee owned
since 1991.

Smart, practical engineering. Built on people.

We're family and employee owned. We leave egos at the door. Collaboration is a core value, and it's the reason people stay.

Ready to apply? Send us your CV and a short note on why this role caught your eye.

katherine.grant@staconsulting.com.au • QLD (07) 3071 7444 • NSW (02) 4032 6450

THE ROLE

What you'll do.



Design that gets built, by people who like the work.

You'll draft and design foundations designs across residential projects in QLD and NSW, applying STA standards and checking your work against the codes.

Reporting to the Foundations Design Manager, you'll build the craft on the kind of practical jobs that develop real judgement.

You may be early in design, provided you bring strong CAD capability or transferable residential construction experience and a willingness to learn the foundations craft.

- **Draft and design.** Use WordPro, D-Cad, AutoCAD and Microsoft Office to deliver your daily job allocation, applying STA design standards, tools and processes with consistency and accuracy.
- **Read the plans.** Read and interpret building plans, and understand how the various sectional views relate to each other in a practical setting.
- **Understand the build.** Use your understanding of structures, load paths and practical construction settings to support foundation, slab, footing and retaining wall documentation.
- **Build the knowledge.** Build your knowledge of foundations design and how it affects building design, and apply what you learn routinely to the work allocated to you.
- **Know the ground.** Build knowledge of soils, soil properties and how ground conditions affect foundations design decisions.
- **Check your work.** Check your completed designs for accuracy and compliance with Australian Standards, the National Construction Code, local requirements and STA design requirements.
- **Check with care.** Bring a high level of attention to detail when checking your own work and supporting checks of others' work.
- **Manage your queue.** Prioritise and manage your tasks in the job management interface, capture job details, times and progress, and contribute to the team's overall output. System training will be provided.
- **Answer quickly.** Respond to customer and team phone and email enquiries in a timely manner.
- **Improve the templates.** Contribute to drawing template updates as directed, so the next person's job starts from a better base.

What success looks like

- Your designs are accurate and consistent, and they clear checking the first time.
- Production stays in step with what the business has sold. DIFOT holds.
- Customers and the team get clear, quick answers, and it shows in our feedback.
- Your foundations knowledge grows, and you apply it routinely to the work.
- Quality holds. High accuracy and efficiency across all Foundations product offers.
- You apply STA design standards, tools and processes consistently and accurately.
- Your understanding of soils and practical construction improves the quality of foundation outcomes.
- Your task updates, job details and progress are captured clearly in the job management interface.

A WEEK IN THE ROLE

Your typical week.

- **Design.** Working through your allocated foundations jobs in WordPro, D-Cad and AutoCAD.
- **Check.** Checking your own set against the standards before it goes out.
- **Read.** Working through a set of building plans and how the sections relate.
- **Assess.** Considering soils information and site context while preparing foundation and retaining wall documentation.
- **Resolve.** A call or email with a customer or the team to clear a query and keep a job moving.
- **Learn.** Building your foundations knowledge on the job and through your CPD competencies.
- **Capture.** Keeping DDS up to date with job details, times and progress.
- **Apply.** Using STA-approved tools, spreadsheets and software with training provided where required.

WHY JOIN US

What you get in return.**Flexibility, lived not promised.**

Full-time at STA head office, with one work-from-home day per week by manager agreement.

Family and employee owned.

Decisions get made by people who know the team. No corporate distance, no head office games.

Fair, respectful, collaborative.

Weekly team forums. Accessible managers. Different perspectives are genuinely welcomed.

Low ego, high standards.

We leave egos at the door and focus on delivering the best results for our clients.

WHERE THIS GOES

Where this role can take you.

Design Technician sits in the middle of a clear path at STA. From here you move to Senior Design Technician and towards Design Coordinator and design leadership as your CPD competencies grow. We promote from within wherever we can.

WHAT YOU'LL BRING

Who we're looking for.

- **Design experience.** Ideally 2+ years in foundations or structural design in building and construction, residential especially; less design experience may suit if supported by strong CAD or transferable site experience.
- **The tools.** Strong grounding in AutoCAD or equivalent, plus Microsoft Office and approved STA design tools, spreadsheets and software. Training will be provided where required.
- **Standards.** Understanding of foundation design Australian Standards, design principles and how building plans translate into practical foundation documentation.
- **Education.** Degree, certificate, diploma, TAFE qualification in building, structural, civil or geotechnical design, or demonstrated relevant industry experience.
- **Soils awareness.** Understanding of soil properties and exposure to soil and laboratory testing processes is advantageous.
- **Quality mindset.** A habit of checking your own work and getting it right the first time.
- **Keen to grow.** Building your STA CPD competencies and keen to take on more.
- **The right temperament.** Collaborative, low ego, high standards. Australian work rights required.
- **Values fit.** Aligned to STA values: integrity, accountability, collaboration and innovation.
- **Construction insight.** A practical residential construction background, including site-based experience, may transfer well into this office/design-based role.

Ready to apply?

Send us your CV and a short note on why this role caught your eye. We review applications weekly and aim to come back to you within five business days.

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