



CERTIFIED | EXPERIENCED | ENGINEERING

POSITION DESCRIPTION

Position title:
Civil Designer

Reports to:
Civil & Structural Design Discipline Lead

Employment type:
Full-time

Date:
March 2023

CIVIL ⚙️ STRUCTURAL ⚙️ MECHANICAL ⚙️ ELECTRICAL ⚙️ DESIGN + DRAFTING ⚙️ CONTROL SYSTEMS ⚙️ OPERATIONAL SUPPORT

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POSITION DESCRIPTION

POSITION TITLE: CIVIL DESIGNER	REPORTS TO: CIVIL & STRUCTURAL DESIGN DISCIPLINE LEAD Or such other person/s as the company may nominate from time to time.
POSITION SUMMARY <p>Your role is essential to Waterline’s purpose of partnering with Australian industry to provide safe and sustainable resources to the world. You will use your expertise and practical experience within technical design to make our Industry Partners more efficient, safe, and productive. You will work across a range of design projects, involving project scoping, modelling, design reviews and client facing meetings. Using your technical and practical knowledge, you will strive to ensure quality and purpose in all deliverables.</p> <p>As ‘Designers of Choice’, we are required to, and our clients may expect us to travel to their sites to support, interact and engage with their 24/7 operations including but not limited to auditing drawings and documentation, and recording site dimensions. This means fitting in and accommodating our clients’ work patterns, Health and Safety requirements and operational needs.</p>	
POSITION DETAILS	<i>Description of duties and responsibilities</i>
DESIGN + DRAFTING	<ul style="list-style-type: none"> • Collaborating with engineers and the client to develop efficient, and effective designs for roads, water management structures and site development • Create high standard designs based on technical knowledge • Develop 3D models and engineering drawings from conceptual phase through to ‘issue for construction’, complying with Waterline and Client Standards • Maintain a high standard of modelling and drafting • Provide feedback to Team Leads on process and procedure improvements • Demonstrate the ability to follow standards and templates • Perform redline mark ups and redraws as required • Maintain an up to date understanding and knowledge of Australian design standards in accordance with AS1100 and various client CAD standards • Mentor Junior Drafters within the business and engage in discussions with colleagues • Develop civil engineering and design drawings complying with Waterline and Client Standards • Be Waterline’s resident power user of Civil 3D

BUSINESS DEVELOPMENT	<ul style="list-style-type: none"> • Be a champion of the Waterline Purpose, Values and Brand • Where required, attending Client meetings, and taking briefs to develop project scopes that meet client needs • Maintaining relationships with existing Clients by delivering excellent service and maintaining contact • Where required, meet with clients to determine project scope requirements and track project progress • Where required attend site to develop a better understanding of projects
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As well as any other tasks or duties for which you may have the skill, knowledge and/or training that is required of you from time to time.

QUALIFICATION/S AND EXPERIENCE

DESIRABLE QUALIFICATION/S <ul style="list-style-type: none"> • CERT 3 OR 4 IN ENGINEERING DRAFTING OR DIPLOMA OF ENGINEERING • OR RELEVANT INDUSTRY/ TECHNICAL EXPERIENCE 	Essential Experience <ul style="list-style-type: none"> • 5+ years of experience in Civil design • Knowledge of, or experience using, the following relevant software packages: <ul style="list-style-type: none"> ○ Civil 3D ○ AutoCAD Desirable Experience <ul style="list-style-type: none"> • Exposure to Australian Industry (Including Mining, Energy, Chemicals, Oil & Gas) • Knowledge of, or experience using, one of the below outlined software packages is advantageous: <ul style="list-style-type: none"> ○ 12d • Exposure to onsite full project life cycle from concept design through to construction • Multi-disciplinary project collaboration (Mechanical, Structural, Electrical and Process)
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ESSENTIAL COMPETENCIES (KNOWLEDGE, SKILLS AND ATTRIBUTES)

<ul style="list-style-type: none"> • Demonstrated project experience including strong self-discipline and time management skills • Key stakeholder involvement utilising effective communication skills • Ability to deliver results under varying timeframes and priorities • Flexible attitude to rapid changing project requirements • Pragmatic approach to client problems • Demonstrate effective organisation, planning and attention to detail • Excellent report writing and presentation skills • Effective problem-solving capabilities • Have a general understanding of Standards, Legislation, Acts and Codes • Ability to work both collaboratively and independently
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- Appropriate handling of confidential information

ESSENTIAL BEHAVIOURS

Your behaviour must be consistent with Waterline’s values.

- Driven – Approach with enthusiasm
 - Strive to deliver quality results with enthusiasm
 - Honour your commitments
- Authentic – What you see is what you get
 - Be true to yourself and each other
- Empathetic – Put yourself in their boots
 - Appreciate the realities of being on site
 - Care about our clients, colleagues, and communities we live and work in
- Supportive – Got your back
 - Share the load for our collective success.
 - Act as an extension to each other’s teams.
 - Support each other in our work and personal lives.

KEY RELATIONSHIP WITH

INTERNAL:

- Civil & Structural team
 - Team Lead
 - Peers
 - Engineers
- Operational support
 - Job managers
- Other discipline teams
 - Colleagues on multi-discipline projects
- Business Support
 - IT
 - Marketing and communications
- Strategic Growth
- Strategic growth team members

EXTERNAL:

- Clients
- Technical Specialists
- Equipment Vendors