

# CAPABILITY STATEMENT

## Julia Terzic



### Team Leader Design & Drafting

#### CONTACT DETAILS

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#### QUALIFICATIONS

- Advanced Diploma in Civil Engineering Technology
- Diploma in Civil Engineering Technician

Julia comes from a civil engineering background with over 12 years of experience in design and drafting.

She has previously worked on large scale civil projects in Sydney and Canada. With a strong understanding of road design and stormwater drainage, she now primarily focuses her time on 3D modeling for above ground storages, irrigation design and pipeline design.

Julia is passionate about computer aided drafting and sharing her knowledge with others.

### Areas of expertise

- Dam design & 3D modelling
- Irrigation system design
- Earthworks, drainage, roads & carpark design
- Computer aided drafting – AutoCAD & Civil 3D
- GIS Data (eg ESRI shapefiles for asset management)

### Professional experience

- Pinion Advisory – Team Leader Design & Drafting, 2024-present
- Pinion Advisory – Design Drafter, 2023-May 2024
- HydroPlan – Design Drafter, 2014-2021
- Taylor Thomson Whitting Pty Ltd – Civil Design Drafter, 2010-2013
- J.L. Richards & Associates Ltd (Canada) – Civil Design Drafter, 2008-2009
- City of Greater Sudbury (Canada) – Surveying, 2007

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## Relevant projects

PROJECT	ROLE	CLIENT	YEAR/S DELIVERED
Hoffmann Storage	3D modelling & detailed design of 500ML above ground water storage including balancing cut/fill volumes and design of underdrainage, leak detection, inlet/outlet pipes, overflow & quantity estimates	Barossa Infrastructure Limited Scheme	2016
Gawler Water Reuse Scheme	3D modelling & detailed design of two above ground water storages; Hill Dam 700ML and Wingate Dam 450ML. Detailed design of 30km of transfer pipeline, 5x pump stations and MAR underground storage	Bunyip Water	2016
Irrigation Updates	Irrigation updates for multiple parks and reserves including conducting audits on existing irrigation systems, drafting and design of sprinklers & pipes, GPS setout and pickup of sprinkler & valve locations, and produce GIS as constructed data in ESRI shapefiles format for asset management	City of Marion	2016-2018
Tamworth Rural Referral Hospital, NSW	Detailed design and staging of 12 hectares of site area. Design of five new parking lots, multiple access roads, truck loading & ambulance bays, stormwater pipes and drainage. Design work also included traffic management (ie. signage and linemarking).		2012