

## Project: Weemala at the Lake, Lake Macquarie

Value: \$16,000,000.00

### KEY PERSONNEL

**Peter Robertson**  
Project Manager

**Gerhard Groenewald**  
Project Engineer

**Nick Simmons**  
Construction Manager

**John Oram**  
Site Supervisor

**David Allan**  
Site Supervisor

**Luke Reynolds**  
Leading Hand

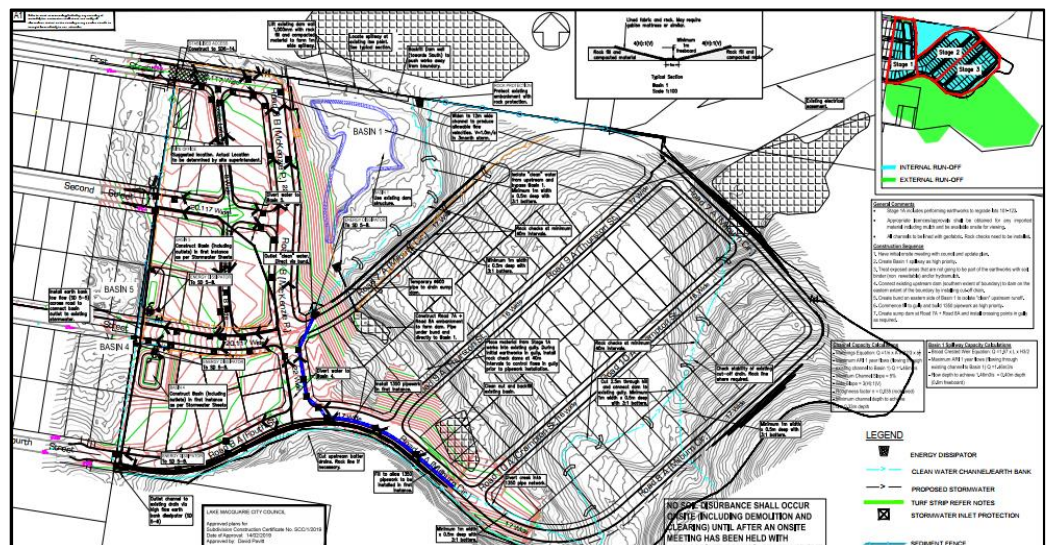
**Tylie Kerin**  
HSEQ Advisor

**Ryan Bell**  
Allocator

**Kate Jiang**  
Contracts Administrator

### Summary

Weemala at the Lake is a new residential subdivision and part of the masterplan of nearly 80 hectares of prime residential land within Lake Macquarie. Strategic works will allow a greater growth within Lake Macquarie area and form part of the population growth plan over the next 20 years. Simmons Civil commenced stage 1 works in November 2018 to construct the first 128 lots.



### Scope

- Earthworks 220,000m<sup>3</sup> Cut to Fill
- 100,000m<sup>3</sup> Excavation in Rock
- 1900m<sup>2</sup> of Crib Lock Retaining Walls up to 8m high
- 1600m<sup>2</sup> of Concrete Sleeper Walls
- 1700m<sup>2</sup> of Stone Strong Walls
- Relocation of 11kVa and 33kVa Electrical Lines
- Installation of 2 x Substations
- All inground HV and LV installation
- Sewer Reticulation
- Water works including Construction of Booster Pump Station
- Bio-basin works including Landscape Works
- NBN installation
- Gas installation
- Asphaltting works
- Concreting of footpaths and weir walls
- Kerb and gutter works



- Installations of 3 GPT units
- Outages with Ausgrid
- 22,000m<sup>2</sup> of Road Construction
- 3.7 km of stormwater drainage ranging from 375mm-1500mm

## ABOUT US

With enviable expertise and resources, we provide complete civil construction services, adaptable to any scale and scope of work and eliminating the need to employ multiple contractors. We're committed to delivering services to an exceptional standard every time.



*Our philosophy is to develop close client relationships based on mutual respect. Our clients have confidence and trust that a Simmons Civil job will be completed to a high standard every time, and that we won't 'disappear' if the going gets tough. This approach has resulted in plenty of repeat business with clients across Sydney's metropolitan area, all the way up to Newcastle and its surrounds."*

**NICK SIMMONS –  
MANAGING  
DIRECTOR**

## Challenges

Due to the site being on a significant slant and located within a gully, water ingress from neighbouring hills and dams proved difficult to work within, especially ensuring proper compaction was achieved when completing earthworks. Civil works also included construction of high retaining walls which had to be upgraded due to the poor quality of foundation material found.



## Result

In dealing with the nature of this project Simmons were able to work closely with a soil conservationist, Geotech and Structural engineers to ensure challenges were dealt with.

