



### RETAINING WALL - PADDINGTON

**Date of Project:** 7 December 2017

**Client:** Ironbark Constructions Pty Ltd

**Owner:** Private Home Owner

**Location:**  
138 Boundary Rd,  
Paddington NSW

**Industry Sectors:**

- Residential & Commercial Buildings
- Subdivisions & Municipal Works
- Manufacturing & Processing
- Infrastructure & Facilities

**Service Type:**

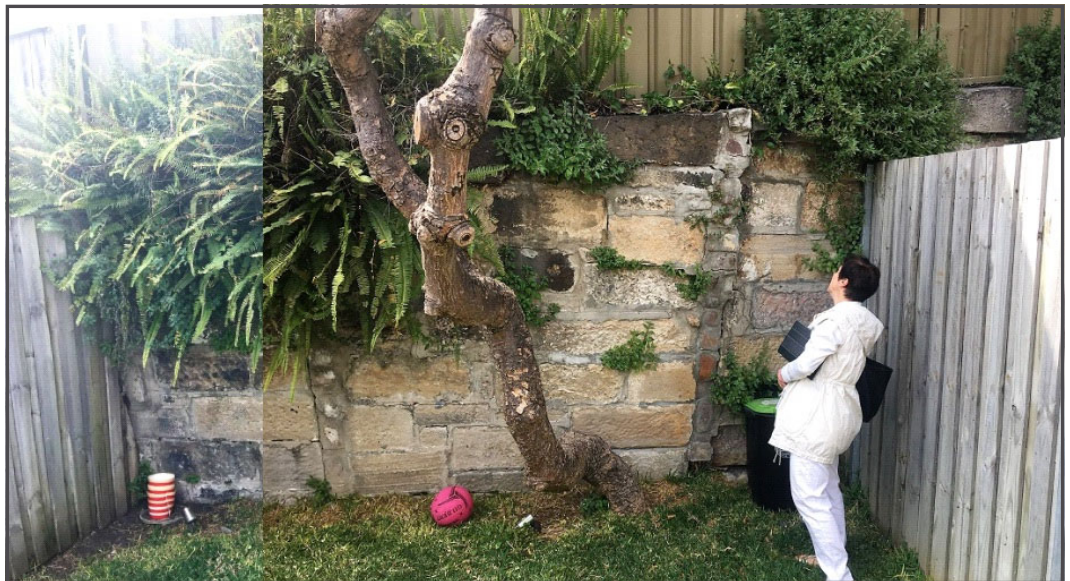
- Civil Engineering
- Structural Engineering
- Hydraulic Engineering
- Forensic Engineering
- Project Management
- Project Appraisal
- Construction Audit

**Documents:**

- Drawings
- Reports
- Certificates
- Audio Visual
- Maps
- Models



FTS provided full engineering design and slope stability assessment and site inspections during construction for the retaining wall which had failed in this heritage precinct of Paddington. Original wall photo below with a 150 mm lean forward at the top. Upon excavation it was found that there was no footing or wall thickening. The only access to build the wall was by hand through the rear 1m wide ally.



NSW—Office  
12 Caribbean Street  
MOUNT COLAH NSW 2079

QLD—Office  
90 Jean Street  
WOODRIDGE QLD 4114

Phone: 0431 007 313

E-mail: [info@fairdinkumtechnicalservices.com.au](mailto:info@fairdinkumtechnicalservices.com.au)

For Further Information Please Contact Us



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Work had to contend with broken pipelines, loose sandy fill and poor weather conditions.



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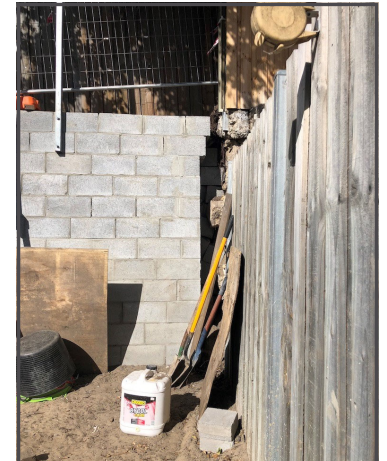
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Reinforcing, clear-out openings in the block works, original wall lean can be seen at the top right photo.

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