

CASE STUDY

LINDEN PARK SCHOOL

ADELAIDE, SOUTH AUSTRALIA

PLATIPUS EARTH ANCHORING SYSTEM
TEMPORARY WORKS



CONTRACTOR	G- Force Building & Consulting
CLIENT	Linden Park Primary School
ENGINEER	Crackerjack Consulting Engineers
SYSTEM USED	Platipus Earth Anchoring System – Permanent Works

**ADVANCED
GEOSYNTHETIC
SOLUTIONS™**

The Project

A dry-stone retaining wall, up to 2.5m in height and built in the 1960's, was showing signs of bulging and failing. A Platipus Anchoring Solution, an alternative to completely demolishing and rebuilding a new retaining structure, was chosen as the preferred option delivering a cost effective and efficient solution.

To stabilize the existing retaining wall, Platipus S8 Anchor Systems were driven up to 2m from the wall face and load locked up to a 15kN Working Loads. A highly durable Double Twist PVC coated galvanized mesh was placed and anchored to the existing wall face. Design life requirement for the remedial works was 40 years.

Initial Anchor Trial Works

With initial on-site support and training from Cirtex Australia, the contractor installed and tested all 95no Platipus Anchor Systems over a period of 7 working days.

The Platipus anchoring systems were chosen and deployed for the following main features & benefits:

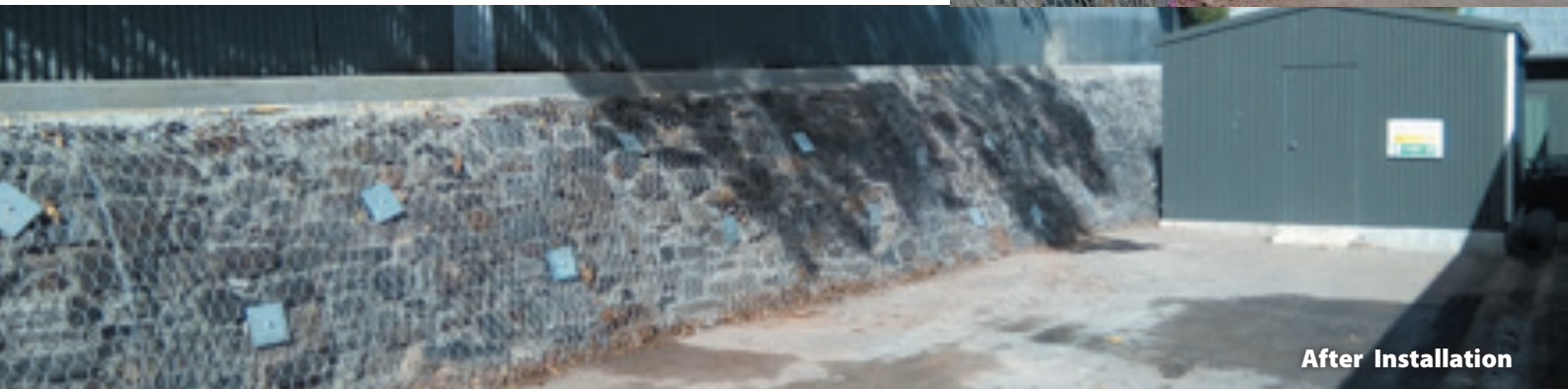
- 'Buildability' & Ease of Installation
- Fast remedial & stabilisation works to an existing retaining wall with no expensive demolition or rebuilding necessary
- No messy grouting, load uncertainty or delay in testing – immediate load verification
- Total (supply & install) cost savings over other traditional solutions



Before Installation



During Installation



After Installation



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