CASE STUDY

NEW CARRARA GOLF COURSE DRIVING RANGE - GOLD COAST, QLD

PLATIPUS MECHANICAL EARTH ANCHORING SYSTEM

CONTRACTOR	Marine Civil Contractors (MCC)
CLIENT	KDV Sport
LOCATION	Carrara Golf Course, Gold Coast, South East Queensland
SYSTEM USED	Platipus Earth Anchoring System – Permanent Stabilisation

EARTH ANCHORING SOLUTIONS™

The Project

The new Carrara Golf Course Driving Range is part of a large $16m development that will provide the Gold Coast community with a new state-of-the-art driving range and high class tennis facility. Platipus anchoring systems were chosen for two separate applications at the new Carrara Golf Driving Range to provide an effective and efficient anchoring solution giving a design life expectancy of over twenty five years.

Design & Construction - Application 1

Platipus S6 anchoring systems were chosen for holding down large 20m long x 24m high golf nets for the new driving range. Platipus anchoring systems were installed with a small electric jack hammer at approximately 7m centres along the net base and were completed in a single working day. Driven to approximately 1m depth in soft cohesive soil and ground conditions, the anchors were proof loaded to 0.5kN (500kg). The anchors were effective in holding down and ensuring that the nets remained taut to ground level, restricting golf balls being driven outside the range.

Design & Construction - Application 2

The Platipus S6 anchoring system was chosen as the preferred solution to hold down SPEL floating wetlands for a sustainable wetlands landscaping application. The Platipus S6 anchors were positioned to hold the floating islands in place in the wetland and prevent movement when exposed to wind and high water levels.

The Platipus system provided the following key benefits:

- Fast and simple to install. Installation and testing of anchors completed
- in 6 hours.
- Each anchor was tested to give certainty the required loads were being achieved onsite.
- Provided cost benefits over traditional solutions such as excavating a hole and pouring concrete.

PLATIPUS EARTH ANCHORING SYSTEMS

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