

## Henley Beach Shelter & Balustrade

One of the liveliest places in Adelaide, the Henley Beach area has over the last couple of years undergone major upgrades including the Henley Square. Long stretches of pristine sandy beach where the jetty sits, picturesque coastal walks, delightful dining and entertainment nearby, with magnificent sunsets draw locals and visitors to this beautiful beach.

Treadwell Group was engaged to assist with the supply of a fibreglass reinforced plastic (FRP) shelter and balustrading system for the construction of the entirely new jetty.

Treadwell assisted throughout the entire project which included design consultancy, material supply & fabrication services.

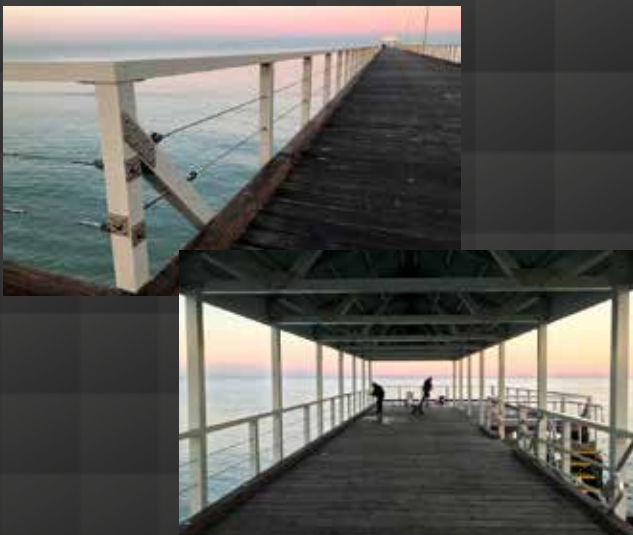
### Project Challenges

- Protection of existing landscape.
- Coastal corrosive environment.
- Difficulty in laying out of the structure on the shifting terrain.
- General construction access in a high traffic public area.

### PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Designing and fabricating the shelter (including balustrade)
Treadwell Products:	EnviroTREAD™ ArchitEX™ Structural Profiles
Value:	\$ 175,000

### Treadwell Solution:



1

As part of the exclusive EnviroTREAD™ range, high performance ArchitEX™ structural profiles were specified in building the structure and providing a more sustainable solution over traditional materials.

2

The fibreglass beams, columns and associated sections from the extensive ArchitEX™ range are produced from high quality FRP through a pultrusion process, which ensures satisfactory results even in challenging conditions.

3

FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.

4

To make the structure aesthetically appealing, the standard colours of the system can be made to match the design team's requirements.

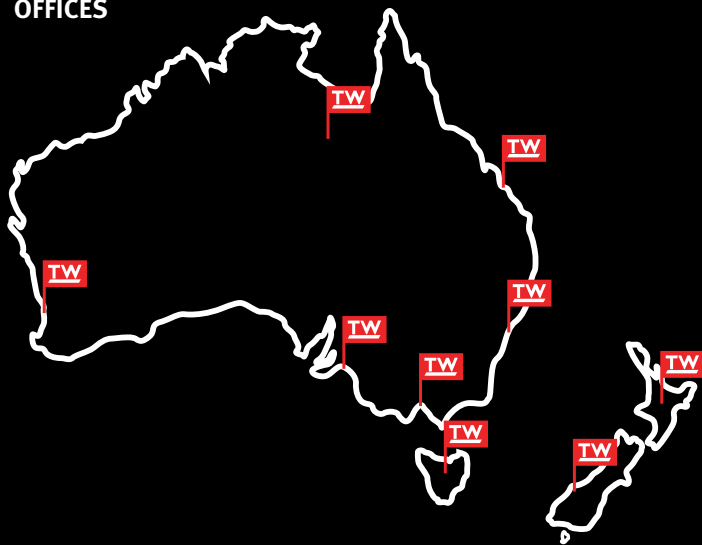
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Being lightweight and easy to install, FRP is very manageable during construction.

6

Given the nature of FRP, any system utilising it is virtually maintenance free, thus keeping maintenance costs as low as possible.

## OFFICES



## ABOUT TREADWELL

At Treadwell Group, our core business divisions have been developed utilising the latest fibreglass reinforced plastic (FRP) technology. With constant innovation and evolution of our offerings, we grow in competence with each experience in delivering unparalleled solutions to a diversified index of industries which include the water and wastewater, mining, oil and gas, public infrastructure, marine sectors. The progression of our products has been focused on ensuring extended design life in varied applications, enabling us to support our continuing commitment to satisfy and add value to our client's endeavours.

### Australia

#### SOUTH AUSTRALIA

▶ **ADELAIDE (HEAD OFFICE & WAREHOUSE)**

58 DEEDS ROAD  
NORTH PLYMPTON, SA 5037

▶ **STRATHALBYN (FACTORY & WAREHOUSE)**

22 DUNREATH ROAD  
STRATHALBYN, SA 5255

#### VICTORIA

▶ **MELBOURNE (BRANCH OFFICE & WAREHOUSE)**

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ALTONA, VIC 3018

#### NEW SOUTH WALES

▶ **SYDNEY (SERVICED OFFICE)**

LEVEL 6, 10 HERB ELLIOT AVENUE  
SYDNEY OLYMPIC PARK, NSW 2127

▶ **WAGGA (REGIONAL OFFICE)**

BALL PL  
EAST WAGGA WAGGA, NSW 2650

#### NEW SOUTH WALES

▶ **SYDNEY (DISTRIBUTION CENTRE)**

2 COAL PIER ROAD  
BANKSMEADOW, NSW 2109

#### QUEENSLAND

▶ **BRISBANE (BRANCH OFFICE & WAREHOUSE)**

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#### WESTERN AUSTRALIA

▶ **PERTH (BRANCH OFFICE & WAREHOUSE)**

4 ELMSFIELD ROAD  
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#### TASMANIA

▶ **BURNIE (DISTRIBUTION CENTRE)**

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