



# ANCHORPILE

PO Box 43  
Crafers S.A. 5152  
Mobile: 0417 808 052  
fax: 08 8339 5267  
website: [www.anchorpile.com.au](http://www.anchorpile.com.au)

## Information sheet

### Who we are

**Anchorpile is an independent, South Australian owned and operated business specializing in the provision of quality, fully engineered house foundations, and the provision of services for light commercial and landscape use where the design and construct of foundation and footings structures entailing the use of screw piles is a cost effective and appropriate solution.**

### What we offer our clients in the commercial, domestic and landscape sectors:

- Design and construction/installation of fixed price\*, house foundations for new dwellings and home additions and extensions – fully engineered\*\* using our own design for a screw pile and void former foundation, especially relevant for reactive soils and problem sites – please refer to next section;
- Design and construction/installation of foundations and screw pile applications for light commercial projects;
- Installation of screw piles for underpinning of existing dwellings and structures (including pools); shoring, piling applications for retaining walls, boardwalks, platforms/small bridges/boardwalks over or near water. (Refer [www.anchorpile.com.au](http://www.anchorpile.com.au) -Examples of projects section- for photos of some of these projects.)
- Screw pile footings systems for landscape use i.e. boardwalks, bridges, platforms over water, piled support structures for retaining walls.

*\*Subject to specific needs affecting final price which is determined by site/soil/engineer specifications for each site.)*

*\*\* Anchorpile does not have engineers on staff as such, but instead prefers to have the flexibility to contract work out to numerous, highly regarded SA engineers now familiar with the Anchorpile system who undertake the design work needed for fully compliant foundations; this also means Anchorpile can work with the engineers of builders and clients –if appropriate & preferred.*

### Site and/or soil conditions that suggest our screw pile void former system will prove more cost effective or appropriate:

Anchorpile has established a reputation as a quality company specialising in undertaking foundation/footings work where soils and site conditions are problematic, so if the soil/site you are to build on is/has these characteristics, please contact us:

- Reactive soil;
- Sandy;
- Filled site;
- Steep, unstable and/or access is difficult;
- Has a high water table;
- **There are significant trees that must be protected and retained, \*\*** (please refer below)
- You are going to build adjacent to a heritage building or close to another building & there must be minimal or no disturbance or vibration with your project;
- You want to make use of a process that will have much less impact on the environment; less waste, MUCH less concrete, less equipment needed.

Also, once you have knowledge of the particulars of your site, eg:

- You know that you will need to build a foundation of more than 900mm depth;
- You know that it will be *difficult to estimate the quantity of concrete* needed due to difficult site conditions, eg collapsing trenches and this will mean the likelihood of a cost blow-out resulting in an unhappy client - you should seek the services of Anchorpile.

**\*\* Regarding significant trees:**

Anchorpile is aware of and undertakes work in accordance with the Australian Standard AS 4970-2009: Protection of trees on development sites. Anchorpile has a genuine interest in supporting the principles behind this Standard that is aimed at improving practices on development sites that have or may have an impact on trees.

The Anchorpile screw pile and void former system, used in the construction of footings and foundations for dwellings and other structures in domestic and landscape projects, is increasingly being recognized and utilized by clients as it enables builders to avoid the adverse effects on trees and their root system as described in the Australian Standard AS 4970-2009. Use of the screw pile and void former system means there is MINIMAL disturbance to the soil. Our equipment is smaller and less intrusive also on the building site. In some instances the existence of significant trees poses problems for builders and their clients e.g. may make building costs prohibitive or impossible; working with Anchorpile may well mean these problems can be solved, allowing the client to meet the requirements regarding trees as stipulated in this Standard.

With regards to this area of building need, Anchorpile is pleased to have an association with another business that also has a keen interest in assisting builders, developers and their clients to comply with this Standard, namely

**The Adelaide Tree Surgery** – see [www.adelaidetreesurgery.com](http://www.adelaidetreesurgery.com)

**How we work with clients:**

We have essentially a 2 -stage approach to working with clients:

1. Clients provide sufficient information about the project (e.g. house foundation, screw pile job for a landscape project or light commercial foundation/footing project) to allow us to then provide an approximate cost or indicative quote to enable a client to then make the decision to use Anchorpile for their project.
2. Upon receiving written confirmation from a client that they wish Anchorpile to proceed, additional work is done and a firm quote is arrived at and sent to the client.

**Information that clients mail to Anchorpile in order to receive a quote on any project:**

- The geotechnical/soil report for the site on which you plan to build;
- Full architectural and/or building drawings for the proposed project;
- Site/contour plan for the proposed project.

These are mailed to us @ Anchorpile, PO Box 43, Crafers SA 5152.

There is NO charge for this service and there is no obligation until work has been agreed to – Anchorpile aims to give a response at this stage within two days of receiving client information as per above. Once the client has accepted the use of Anchorpile services the work will be quoted on and the price, once the engineer has decided upon the correct design of your particular foundation

or screw pile system, becomes a fixed price. Sites are prepared in accordance with Engineers Design & Specification.

### Our approach to business

Founder and Director Bernie Holding has over 40 years experience in the construction industry, managing many large construction projects throughout Australia, including housing subdivisions, railway line construction, marina construction, piling projects & pipelines, bridges, roads, wheat silos, to name some of them. Anchorpile benefits from the knowledge and expertise acquired over the years spent in undertaking and managing these construction projects, especially with regards to footings and foundation projects.

### Values

The team at Anchorpile places high value on delivering a quality result at all stages of a project. The business has enjoyed success to date as a result of working according to these core values & practices: establishment of mutually beneficial relationships with others in the building & construction industry; honesty and integrity in all dealings with people; close personal supervision of all projects; reliability, prompt feedback and responsiveness to clients and stakeholders. Service and quality are very important to Anchorpile.

### Strong focus on the provision of key customer benefits

**Financial** – Anchorpile typically undertakes projects that are *more cost effective* for the client and includes the design and installation of engineered, fixed price\* house foundations;

**Time**- The Anchorpile installation process is very efficient;

**Environmental** – the screw pile foundation system has less impact on the environment –less disruptive to the soil and surrounds, using less materials especially concrete; no or minimal excavation, no or minimal dumping of waste materials; less equipment needed than for conventional foundations.

\*Subject to specific needs affecting final price which is determined by site/soil/engineer specifications for each site.)

### Examples of projects completed by Anchorpile

Client type	Building type/location	Soil and site conditions
Volume home builder	Houses in Rostrevor; Hawthornde	Tree protection & reactive soils
Volume home builder	Units at Gilles Plains	v. reactive soil
Volume home builder	Retirement Village – 32 units Balaklava	Reactive soil
Volume home builder	Holiday homes Glenelg; Bluff Beach	Sandy site; filled site
Volume home builder	10 townhouses	Reactive soil
Construction company	Communication tower	Specified by engineers
Private client	Support sewer pipeline	Filled site
Major management training co.	Commercial premises on Port Rd	Adjacent building v. close
Private clients	Homes; single & multi storey East/Hills	Sloping/wet cond./reactive soils/ difficult access/filled sites. Protection of trees close to house site.
Swimming pool company	Novar Gardens	Support of swimming pool
Landscape designer/developer	Bridges and boardwalks	Wetlands
Volume home builder	4 houses at Smithfield	Reactive soil

Builder	Platforms over water	Part of Torrens River linear park
Private client	Home addition foundation, Crafers	Adjacent existing dwelling; difficult access
Volume home builder	4 units at Warradale	Reactive soil
Builder/SA Housing	Community housing in Adelaide CBD	Reactive soil; adjacent heritage building
Builder/Developer	Units at Plympton	Reactive soil
Building company	Units at Glenelg North	Filled site with trees =screw pile and void former
Dept of Water, Land & Biodiversity	Platform for pumping station-waste water from river vessels River Murray	Unstable site conditions caused by low river levels =piling necessary
Building company	Unit at Magill	Significant tree
Construction company for private client	Pavilion and bridge in established home garden	Significant tree; requirement to have minimal impact on adjacent park as well as within home garden; more cost effective; quicker, less environmental impact.
Council	Footbridge at Strathalbyn	Screw piles suited to site owing to water environment; very difficult soil conditions (i.e. collapsing soil and sloping site)
Private client	House foundation for split level home.	All other conventional systems had been tried and had failed and as a result the use of screw piles was engaged. Conditions: filled site; presence of significant tree.
Private client	Underpinning of older home at Toorak	Support of dwelling required.
Private client	Underpinning to recently completed dwelling at Tennyson	Foundation at risk of failure i.e. subsidence or collapse, owing to over -excavation of an adjacent building site by contractor not using adequate shoring; sandy site.
Building company	House foundation St Peters	Unstable ground – adjacent to River Torrens
Council	Footbridge on Kangaroo Island	Over water; environmentally sensitive environment.
OneSteel	Remediation work at Whyalla site	Had to avoid vibration; sensitive area; screw piles used for support of existing structures.

### **Anchorpile capabilities & assurance of quality**

- Anchorpile has established strong relationships with a number of leading SA engineering firms who undertake the design work for footings and foundations for Anchorpile projects.
- All completed Anchorpile work must be and is fully engineered with 'Third Party Certification'.
- All sites are prepared in accordance with the Engineers Design & Specification. This may involve the use of void formers or waffle pods. Ripping of soils is NOT undertaken.

### **If Anchorpile is undertaking an underpinning job, how much headroom is needed?**

Anchorpile needs a minimum of 2.6 m. headroom for its equipment.

### **Compliance with Building Codes of Australia and Engineering Principles**

All work is fully engineered & certified in accordance with AS2159 – Piling- Design and installation, and AS3600 – Concrete Structures.

### **Contact details**

General marketing and company information - Joanne Pimlott, Business Development Manager on [jo@anchorpile.com.au](mailto:jo@anchorpile.com.au) or 0417 808 052

Quotes and queries of a technical nature, details about actual projects - Bernie Holding, Director on 0417 089 769 or [bernie@anchorpile.com.au](mailto:bernie@anchorpile.com.au)

Administrative/account queries - [admin@anchorpile.com.au](mailto:admin@anchorpile.com.au)