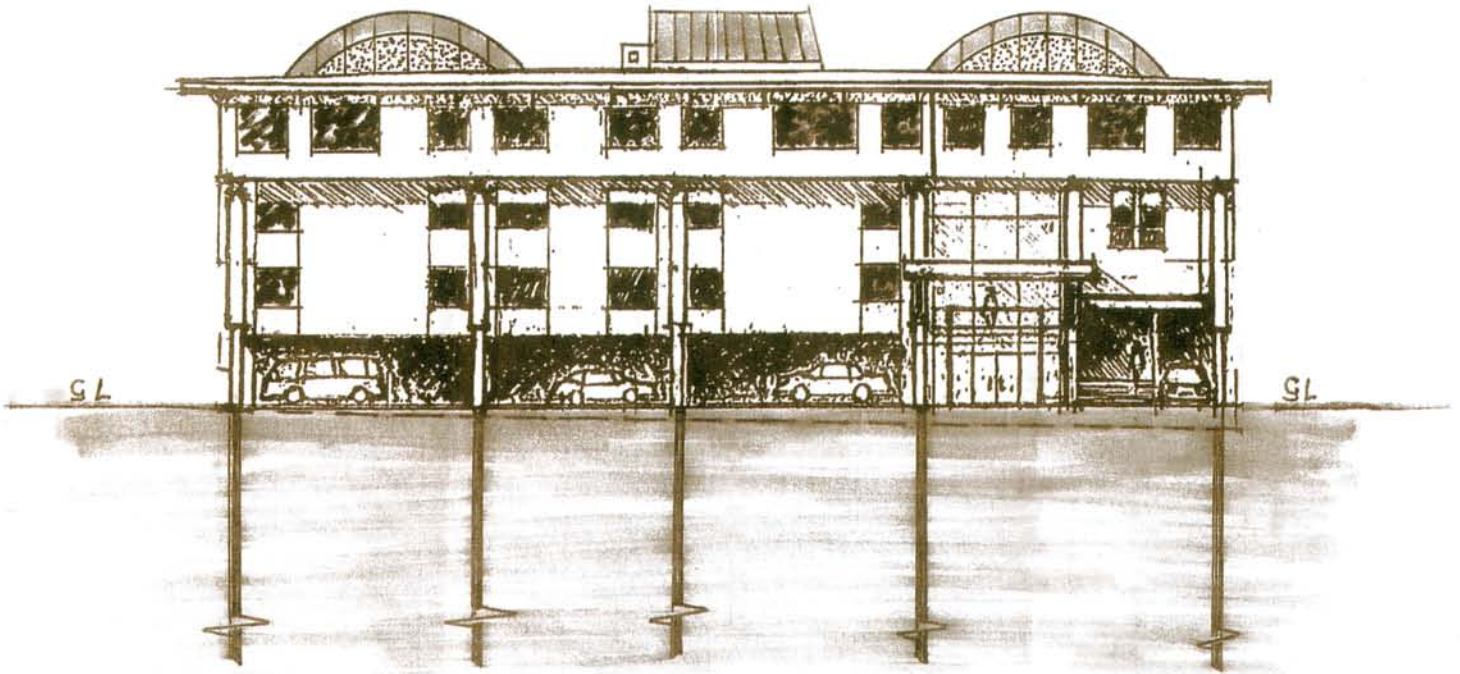




GROUNDFORCE SCREW ANCHORS



"Groundforce anchors for peace of mind"

Fast installation

Groundforce screw piles are a very simple answer to an often complicated question. What could be more simple than a hollow steel shaft with one or more helix flights strategically welded to it, galvanised to a high standard, and screwed with a hydraulic rotary into the ground to a predetermined torque?

Minimal noise

This operation is ideal for both tension or compression applications.

No vibration

Ground conditions play an important role in the design and performance of the screw anchor piles. Screw anchors are screwed into the ground just like big self tapping screws. The 'screwdriver' is a hydraulic device which turns the screw anchor into the ground.

No soil removal

It can be small enough to fit a mini excavator or bobcat, or large enough to fit onto large excavator, depending on the capacity required.

Environmentally friendly

Compression or tension loads

Unlimited depth

There is a direct relationship between the screw pile capacity and installation torque, so during installation, the experienced installer will monitor the rotary torque to ensure that the required load capacity is achieved. A printout of that torque will be produced from the machine for our Q.A. records and for the clients engineer if required.

The torque shaft can be extended if the required torque is not achieved at the assumed depth. Torque shafts can be made to any length. The standard lengths are 3 metres or 6 metres.

Connection to the footing or pile cap is a simple operation. Either with reinforcing starters placed down into the concrete filled torque shaft or placed through the torque shaft itself. Other hardware for special purposes such as corbels to support existing footing are available through *Groundforce Anchors Ltd* or their licensed installation agents.



Groundforce

manufacture and install high quality, innovative foundation and anchor systems incorporating leading edge technology and engineering systems which can be adapted to customer specific requirements at a value for money price level.



- Instant load testing ability
- Low headroom capacity
- Easy to install close to buildings or existing footings
- Easy capping attachment to pile caps or footing
- Full quality assurance certificate provided for every job
- Unique flight design for greater ground penetration
- Galvanized to AS-NZS4680 standards
- Installation not affected by high water tables
- Great for large sign or pylon foundations
- Easy removal for temporary applications
- Ideal for underpinning buildings with special hardware for corbels

Phone 0800 4 foundation (0800) 436 863

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