



Global Construction Solutions

## 2013 WINTER EDITION - NEWSLETTER

Foundation repair strategies in Christchurch are now more often than not specifying larger than expected sized screw piles. GCS has successfully been able to coordinate the manufacture; supply and installation of screw piles for such structures recently that at times have shown limited rebuild options as a result of soil conditions, site access issues or other complications.

New learnings and philosophies adopted by both structural and geotechnical engineers have greatly changed in New Zealand over the past twelve months. To ensure that we always communicate technically appropriate information, our association with our preliminary advice partners such as Davis Ogilvie and Kevin O'Connor & Associates has been invaluable.

GCS now operates its own 200 tonne load test rig in Christchurch that is able to confirm engineered screw pile designs. This has been extensively used over the past six months.

More often than not the geotechnical information available is not sufficient to develop definitive foundation solutions. As always, the important thing is to communicate effectively with all stakeholders to ensure everyone is fully aware of changes in design.

Maugers Contracting currently have ample geoLOGIC screw piles ready for immediate use in Christchurch. These are perfectly suited for temporary foundations, incorporation into new seismic rafts or as ground anchors.

This year we have tackled a large variety of projects ranging from underpinning domestic ring beam foundations to installing large screw piles down to 26.5m for a new commercial building.

One of our core strengths is our ability to work closely with design engineers and manufacture top caps, bracings, special connection details and temporary structural supports.

Other than that, GCS has pre-approved installers around New Zealand and are happy to evaluate screw pile jobs anywhere, be they large or small.

Going forward, most new projects for the remainder of 2013 and 2014 will be negotiated, so if you are thinking of using screw piles plan ahead and contact us early.

***Think modular screw pile foundations, think GCS and***

***Remember for all your load testing requirements call GCS on 03 349 2129***

For all our latest exciting news, please visit our website at [www.canterburymetalsolutions.co.nz](http://www.canterburymetalsolutions.co.nz)

Well that's another wrap! Ciao till next time! .. **Gregory Chawynski General Manager**

