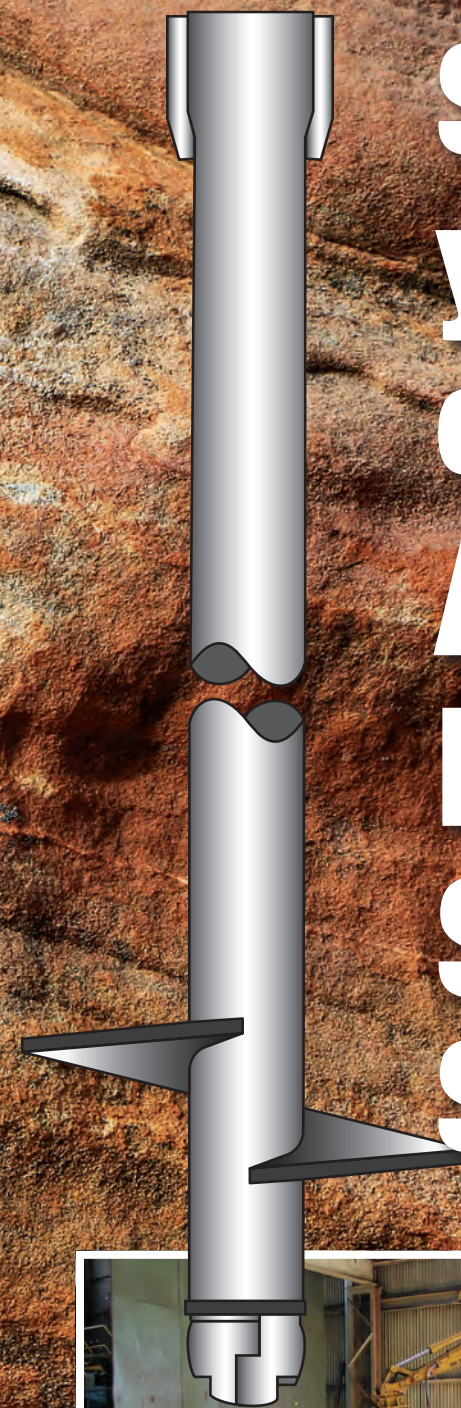


**INQUIRY INTO REGULATION OF BUILDING
STANDARDS, BUILDING QUALITY AND BUILDING
DISPUTES**

Organisation: Australian Foundation Systems Pty Ltd

Date Received: 30 July 2019

MacDonald Super Strength Sheet Piling: "The Total Retention Package"



Screw down your foundation costs with **AUSTRALIAN FOUNDATION SYSTEMS** Screw Piling



MACDONALD SHEET PILING

188 Silverwater Road, Silverwater NSW 2128
Grant MacDonald 0412 294 565
Jonathan Boyle 0410 521 111
www.mdsp.com.au



AUSTRALIAN FOUNDATION SYSTEMS

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Jonathan Boyle 0410 521 111
Louis Pretorius 0421 472 292
T: 02 9748 3039 www.foundationssystem.com.au



Good practical reasons to switch to Australian Foundation Systems Screw Piling for your next foundation job

■ **REDUCE COSTS SUBSTANTIALLY.**

Our steel piles are quicker and easier to install so they substantially reduce construction costs and programmes

■ **PROBLEM SITE?** Our steel piles are the smarter and cost effective choice

■ **CONFINED WORKING SPACE?**

Our steel piles can be installed in close proximity to existing/adjacent buildings

■ **LOAD CAPACITY VERIFICATION?**

Our steel piles can be verified during installation saving expensive “proof” testing

■ **NO VIBRATION.** Our steel piles are vibration-free avoiding damage to adjoining buildings

■ **SITE RESHAPING?** Our steel piles remove the need to reshape site and to remove excess material (no spoil generated by installation process)

■ **HIGH WATER TABLES?** Our steel piles are unaffected by high water tables and supporting wet or soft collapsing ground isn't necessary

■ **NO CURING TIME.** Unlike concrete piles, our steel piles allow loads to be applied immediately

■ **USE AGAIN.** Our steel piles are removable and reusable on transient structures

■ **O.K. ENVIRONMENTALLY.** Our steel piles don't damage sensitive systems

■ **CHEAPER TO INSTALL.**

Our steel piles are significantly cheaper than conventional foundations systems

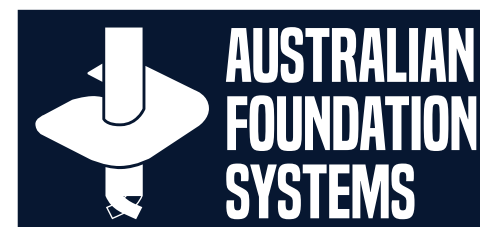
■ **MEETS ALL CODES.** Our steel piles meet all Australian building code requirements: conforming to Australian Standard AS2 159.1995

■ **ABOVE AND BELOW.** Our steel piles mean faster overall construction because basement and above ground floors can be built simultaneously

■ **MUCH QUICKER.** Our steel piles can be installed at up to 100 piles each day (depending on site and building)

■ **TAILORED TO YOUR NEEDS.**

Our steel piles are high tensile grade steel with load capacity up to 800kN in varying lengths and thicknesses tailored to each building projects requirements



The whole package: Screw Piles & Sheet Piles

■ Lower material cost

■ Mobilisation and demobilisation costs are reduced

■ Increased speed of installation compared to imported sheet piling

■ Our proprietary mechanical anchors can be proof loaded immediately on installation

■ Our sand anchors may be tensioned without the aid of grout

■ Our rock tri-anchors can be pre-tensioned prior to the curing of grout and then post-tensioned

■ Sheet piling can be placed 100mm from a vertical face wall

■ Our permanent load bearing concrete screed walls can be placed in front of the sheet piling, using it as sacrificial formwork, and creating additional space in basement construction

■ One sub-contractor to install and construct a total retention system, whether it be temporary and/or permanent works. This creates less site congestion as one machine is able to carry out all functions of the installation process

■ Cost effectiveness of our retention system, particularly when incorporated prior to or during the project design advantages offered by the “Total Retention Packages”

