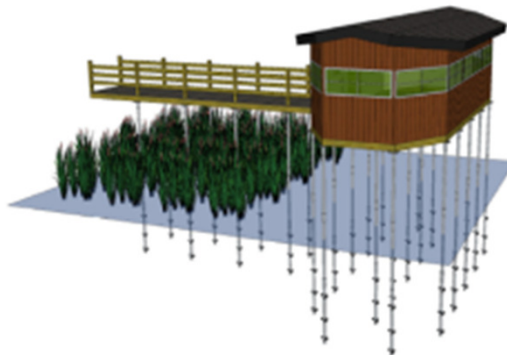
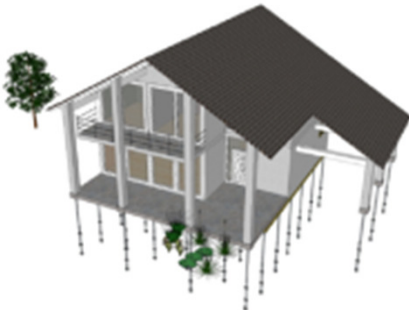
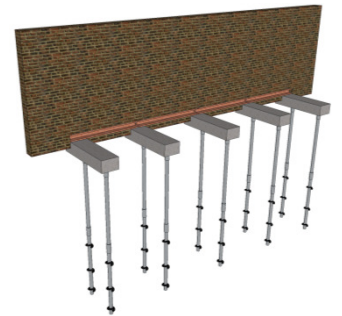
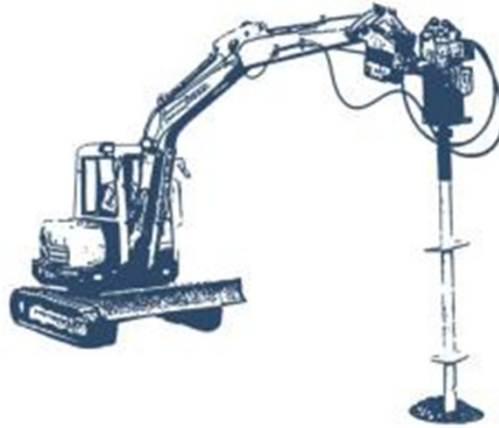
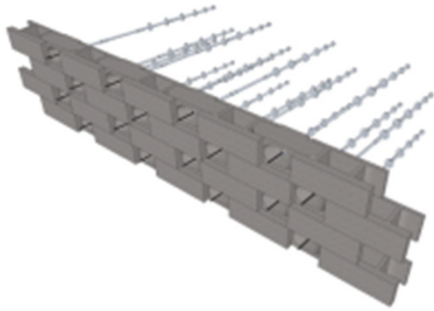


Case study: Weymouth Sailing Club – Crane base

In September 2009 Weymouth Sailing Club Committee (after initial training) installed 8no. 88.9mm CHS screw piles to support a reinforced concrete cast in situ slab for a crane to lift boats in and out of the harbour. This new crane was installed in preparation of the Olympics in 2012, where the sailing club will play host to two of the countries competing in the sailing element of the Olympics around Portland Bill.

This was a restricted access site which involved working along side the harbour wall and crossing a tiny bridge that could take no more than 3T in weight. The area for the slab was excavated first, after which 2 rows of 4 piles were installed with termination caps bolted so that they could take tension and compressive loads, due to the rotation of the crane when in use. Steel reinforcement was then added and then the concrete pour took place. From training to completion the piles took 1 day to install, this was the only system viable for the job due to the speed of installation; weight issues and a piling rig would have had the risk of toppling into the harbour!





Geologic Foundations Limited
Barn 4 Chandos Farm
Thornham Parva, Eye
Suffolk, IP23 8ES

To enquire about the best value screw piles currently available in the UK,
call **geologic** on 01379 788543
or email: info@geologicfoundations.co.uk

www.geologicfoundations.co.uk