

ABI Equipment Limited

Piling Equipment Specialists

Sales - Hire - Parts and Service - Project Support



ABI Equipment Limited was asked to supply specialist equipment consisting of an ABI TM16/20B Mobilram piling rig c/w the variable moment vibrator MRZV28VV.

The piling works consisted of installing 4,500 stone columns.

The contract involved the construction of industrial buildings for use by a number of companies including John Lewis Limited.

The 4500 piles were driven in grid formation to form squares 2 x 2 metres, each square consisting of 9 piles. The contractor adopted a 'top feed' method of constructing the stone columns which involved using a 4.5 metre long mandrel 450mm in diameter. This was vibrated into the ground and repeatedly driven and withdrawn into the 'hole' which was filled with stone to form a 600mm stone column. The ground conditions were gravels. Each column took between five and ten minutes to complete. Mass concrete was later poured over each square to form pad foundations.

The ABI rig proved to be the ideal tool to carry out this work swiftly and efficiently.

Origin Park near Hanger Lane

Main Contractor: Buckingham Group Contracting Ltd

Piling Sub contractor: Town & Country Vibro Limited

Piling Equipment supplier: ABI Equipment Limited



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