

Piling Method Statement

As per the findings of the Site Investigation (SI) report, the ground conditions are suitable for traditional strip foundation, which will be adopted on this project.

1 EXECUTIVE SUMMARY

Site Address	Travis Perkins, Church Road, Woodley, Reading RG5 4QP
Proposed Development	The site is outlined for demolition of the old Travis Perkins depot and construction of a new two-storey care home.
Fieldwork	<ul style="list-style-type: none">3no cable percussive boreholes (BH01 to BH03) drilled to a maximum of 10.00mbgl.
Ground Conditions	<ul style="list-style-type: none">Made ground was encountered to depths of between 0.50mbgl and 0.60mbgl.Very dense, very sandy, cobbly, progressively sandier gravel was encountered to the depth of 2.00mbgl.Grey, locally reddish-brown stiff clay was encountered to the final depth of the boreholes at 10.45mbgl.No groundwater was encountered during the intrusive works.
Geotechnical Analysis & Foundation Recommendations	<ul style="list-style-type: none">Bearing capacity of 250kN/m² at minimum depth of 0.45mbgl on 0.60m wide strips.Locally, the foundations may require stepping due to variable made ground depths on site.Settlements within 25mm.Normal earthworks plant for excavations.