

102 Camley Street

The chosen method of piling for 102 Camley Street will be open bore. The piled foundation is formed by a rotary piling rig that will bore the pile to designed depth. Whilst taking digs of around 1.5M at a time the drilling tool will be removed from the pile and the spoil will be spun off adjacent to the pile. If the upper layer of the ground is granular, a temporary casing will be used to ensure ground stability.

Once the pile has been bored the designed reinforcement cage will be hung at the correct level by the piling rig.

When the pile is bored and the reinforcement cages are in place, the concrete will be inserted directly from the lorry into the bore.

Open bored piling has been chosen for this job due to the quality and the strength of the Clay beneath the piling mat. With vast experience in working with London clay we are confident that the bores will be self supporting and best suited to open bore piling.

Open bore piling is a non-displacement method of piling and as such minimises the impact to adjacent ground/foundations/services. Open bored piling rigs are usually higher in power than CFA thus eliminating the risk of overflighting and causing voids in the ground. As the piles will be constructed open bore you will be able to see any watercourses or anomalies in the ground.

Regards,

Kieran Herbert

Engineer



J.M.Piling

● Rotary Bored Piling ● Continuous Flight Auger Piling ● Secant Piled Walls ● Contiguous Piled Walls ●

