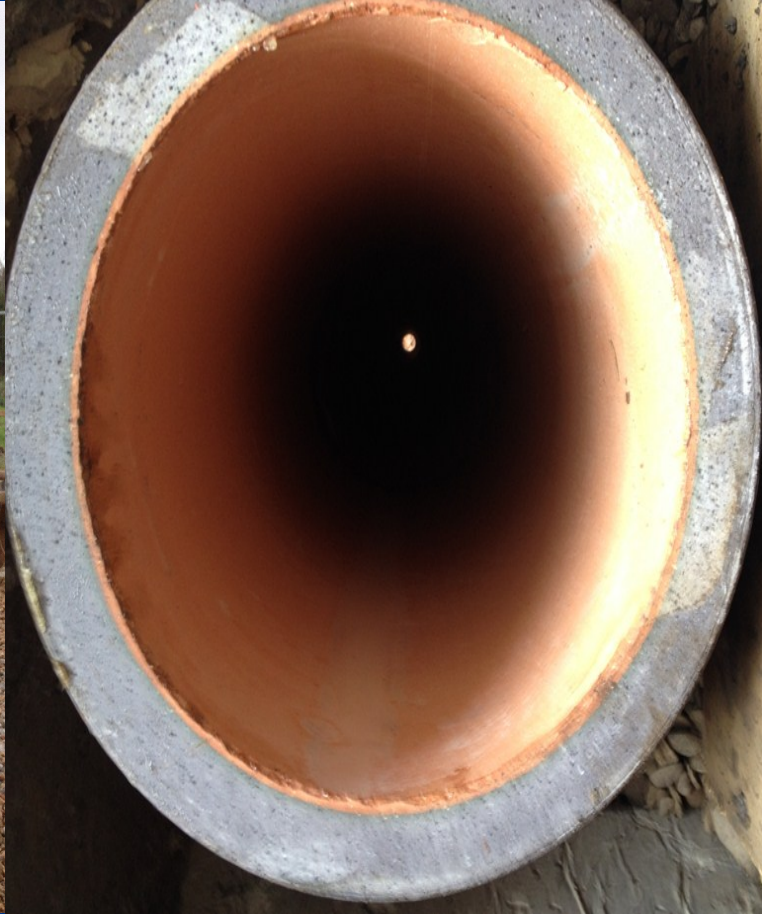


GUIDED AUGERBORING CASE HISTORY



Pipe Installation from Perco



Scope: 2100mm diameter Caisson Shaft & 300mm Naylor Denlok storm
Project: Oxford Canal, Longford Park Development Banbury
Sub-Contractor: Perco Engineering Services

Perco were contacted by the client to supply and install 300mm id pipe under the Oxford Canal for the storm outfall for the new housing development at Longford Park

Upon visiting site to meet the client & British Waterways, Perco advised the client to install 2100mm diameter caisson shaft due to the very high water table at the canal side field thus allowing the 300mm pipe to be installed via augerboring technique with a semi closed faced.

Perco received the instruction to carry out the works which comprised of

sinking a 2100mm caisson shaft as a result of excessive ground water adjacent to the canal for which traditional manhole construction was unsuitable.

Following the caisson sinking, Perco thrust bored a 300mm diameter clay pipe underneath the Oxford Canal to achieve a positive storm outfall for the site up on Oxford Road which is being developed

James Coyle said "Conditions were very difficult, but with the aid of Perco works were completed on time & budget. Overall we were very satisfied

with Perco's work ethic that took place & will not hesitate to contact in the future"

Perco commented " This was a very challenging contract due the high water table & the ground conditions encountered at the 5mtr depth below the canal but by using the semi closed face augerbore rig I was very confident that there would not be any issues with the boring works".

For more information on augerboring or shafts please contact our estimating team on 0115 9335000.