

TIMBER HEADING CASE HISTORY



Sewer Installation from Perco



Scope: Timber Heading
Project: Furnace Street
Sub-Contractor: Perco Engineering Services

GRS were the appointed Infrastructure Subcontractor by Morris Homes, undertaking the installation of main site drainage, outfall drainage and carriageways to a housing development in Hyde that has 100 plots. Normally GRS can install drainage pipes by excavating trenches from the surface using traditional trench shoring. However, due to the presence of existing services and drains, this standard method of construction wasn't feasible.

Perco were approached 6 months prior to provide a quote for the works at time of tender, with our experience & knowledge and a array of trenchless

techniques that we offer including auger boring we quoted for the works as a timber heading due the short distance of 8mtrs & 750mm diameter pipe was required, it would be overall more cost effective & less risk method.

However we were unfortunate not to be awarded the works as the auger boring was chosen & offered to alternative contractor.

When the works came to fruition the works could not be completed by auger boring due to mudstone/rock being encountered.

GRS then contacted Perco to assist with the scheme ASAP due to the shaft already constructed within the highway, Perco arranged for temporary works design to be undertaken then mobilised to site and commenced with the heading works.

Works progressed very well until the manhole was reached.

Perco undertook the connection to the existing manhole then installed 750mm GRP sectional pipe thus laying back along the heading packing with lean mix concrete.

Works where completed on time & budget.