

Boringdon Shaft & Timber Heading

The Boringdon Shaft and Timber Heading was carried out in Plymouth in 2013 for Client Maygurney/Kier. This was installed in the back garden of a residential property in Plympton in order to access an EA Watercourse running through one of the major routes in the area. The segmental shaft was 4 meters deep with an internal diameter of 1.8 meters.



It can be seen from the photographs above that the first ring was installed within into the garden area to form the shaft and this ring was then concreted into position using a C40 strength structural concrete. This would form the support for building the shaft rings using the underpinning method that is used frequently by MDA. Once the concrete ring has cured and gained strength, the lower rings can be hung to complete the shaft installation.



This photograph shows the completed shaft with the timber heading in place to access the EA Water Course. The pipework was replaced by MDA and the shaft and heading will be used for future maintenance.

This photograph shows a typical MDA timber heading. The sustainably sourced FSC timber is designed by us to suit every individual circumstance. The timber work is installed with precise accuracy and is checked by our Temporary Works Engineer.