



Fisherman's Walk Timber Heading

The fisherman's Walk Timber Heading was undertaken to enable the installation of a new ductile iron pipe from an existing pumping station into a new pumping station. MDA had to remove the chamber wall and existing pipework located in the cliff face behind the existing pumping station, this was to facilitate CIPP lining works. A 3m long timber heading was installed to enable the pipe connection to be made. This document shows the scheme at key stages.



Once the brickwork wall had been demolished, the MDA Miners had to support the loose backfill material with a timber heading. Once the existing pipe was reached the flange connection was made and further timber work was installed to support the pipe.



The entire timber heading was then dry-packed with concrete which acted as a thrust block for the flanged connection. Grouting tubes were installed to ensure that any air pockets would be filled and the heading would be structurally safe.



Once the heading was completely dry packed, the main wall was rebuilt and the wall was grouted until refusal. This process meant that the entire area was solid and there could be no flexibility on the newly installed pipe.

