



AMCO



Sheet piling



March 2020



2 Weeks

Universal Piling were contracted by AMCO to complete a retaining wall against a railway line.

Universal Piling had been contracted to install 49 sheet piles and 2 Anchors, to retain a railway embankment, which went over a culvert.

The sheets ranging from 2.1m (where they were over the culvert) to 9.5m long was installed along a watercourse and over the live culvert using an excavator and a movax SG 65. The sheets refused at 5.5m using the movax so we proceeded to use the fully intentional 700n Air hammer (which we had on site), to design depth.

In addition, two R32 soil nail anchors with a 75mm bit was installed either side of the culvert to 10m deep to support a waler beam that spanned across the shorter piles over the culvert, they was Installed using our 21t excavator and TEI mast with a 550 percussive drifter.

All works were completed in the period of the flooding in early March, and went in to Coronavirus period.



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