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OPEN SITE BASEMENT PROJECT IN BEXLEY

Short Summary

In order to create a basement on an infill site between two existing houses a continuous reinforced concrete piled retaining wall with capping beam was constructed.

Full Text

For this project in Bexley the client, a local developer, wanted to form a basement for two new semi-detached residential properties he was intending to build on an infill site between two existing houses.

The Party Wall Surveyors representing the owners of the adjacent properties on either side were concerned that the construction of the new basement structure would undermine the foundations of the existing houses which were only 2.0m away.

The solution to the problem was to design and construct a continuous reinforced concrete piled retaining wall with capping beam.

On this project approx. 250 cubic metres of mass dig excavation groundworks were carried out as well as construction of the reinforced concrete basement slab.



See more at <http://www.underpin.com/case-studies/open-site-basement/#sthash.fI17j2Ps.dpuf>

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