

Operational requirement for Test Piles Statement.

We would like to install 2 number 450mm test piles located on the North-West corner of the existing NCP car park by the.

In addition, we would also like to install 2nr 750mm in the North West of the site and a further 2 750mm located in the South of the site.

These piles will be used to verify the design of the piles due to the variable condition of the chalk strata in the ground.

The test piles will also confirm the size and number of piles which would allow us to plan more effectively to minimise impact on the area.

In addition to this the pile design will inform the Risk Assessments and Method Statements that are to be issued as part of the Third-Party Wall Agreements for both Thames Tower and Reading Borough Council.

Test Pile Schedule of Works

- Attend site induction
- Carry out site inspection
- Install Physical separation barrier
- Set out Pile locations
- Place Rig and Agitator
- Place supporting ground works team
- Install supporting frame
- Install Test Piles
- Clear area of waste
- Carry out testing which is carried out by site operatives striking the pile head with a light hand-held hammer and recording the response of the pile using a motion transducer (i.e. accelerometer) coupled to the pile head.

Once the testing is complete the pile heads will be removed down to substructure depth and the remainder of the pile will stay in place below the ground and be consumed by the new building.