

Thames Farm, Shiplake – Q&A

Construction Management

- *What is compaction grouting and why is it required?*
Following detailed probing it was discovered some parts of the site had dissolution features (i.e. voids) and to resolve the variable ground conditions compaction grouting will take place. This is the injection of viscous grout mortar via rigs into specific areas to stabilise the ground.
- *What is the product being used for the grout?*
Due to the site's sensitivity, a natural grout material will be used. This material has no impact on the local environment or habitat.
- *What is the timeline for completing the works?*
It is anticipated that the grouting works will take circa 20 weeks to complete. The hours of operation will be 9:00am-17:00pm Monday to Friday.
- *What level of plant will be on the site to carry out the works?*
Two to three Conventional Continuous Flight Auger (CFA) drillings rigs will be used to complete the works. These are very common and used for a wide range of applications throughout the UK.
- *Is the grouting process noisy?*
Taylor Wimpey is part of the considerate constructors scheme and will oblige by its requirements both during and post grouting.

Protection of Water Table.

- *What works have TW carried out to date in relation to hydro geological impact of site works*
TW have undertaken a number of assessments:
 - *Hydrogeological Impact Assessment for proposed development works near Harpsden Water Treatment Works (H Fraser Consulting)*
 - *Risk Assessment for Drilling Grouting works near Thames Water Main Supply (prepared by PBA/ Stantec)**Both assessments have determined a 'negligible risk' of the proposed ground improvement works.*
- *What is the strategy for protection/ monitoring of the water table?*
Extensive probe testing has been carried out across the site to identify location and depths of the voids where present. Extensive water monitoring boreholes will be installed across the site, to ensure the groundwater is protected regardless of any water level fluctuations. A specialist contractor has been appointed who has successfully completed grouting works across the UK.

Tree Planting

- *When will the tree planting be carried out by Taylor Wimpey?*
Following the discharge of the drainage condition, Taylor Wimpey will commence the tree planting in the next planting season.