AFP ANDREW FIREBRACE PARTNERSHIP
STRUCTURAL AND CIVIL ENGINEERING CONSULTANTS
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25 October 2021

Mr Paul Dadley
Development Manager
Wheatley plc
Wheatley House
Dunhams Lane
Letchworth Garden City
Hertfordshire SG6 1BE

By email:
pauldadley@wheatley.co.uk

Dear Paul

Garden Screen Walling, Harvester Way, Crowland PE6 0DP

As requested, we visited site on 25 October 2021. The purpose of our visit was to witness the digging of trial holes to access the feasibility of constructing trench fill foundations for the garden screen walls.

Due to the current construction works on the site it was only practical to excavate two trial holes. The first trial hole was in the location of Plot 40. This trial hole revealed approximately 300mm depth of a black/brown organic peat below which was a very soft light brown silt. Ground water entered the excavation at about 900mm below ground level resulting in there to be running silt.

The second trial hole was near the location of Plot 92. This trial hole found approximately 300mm of black/brown organic peat below which was a soft wet brown/black clay. A firm blue grey clay was encountered 1.5m below ground level.

Both trial holes confirmed the ground conditions to be very poor and the excavation and casting of trench fill concrete foundations for the garden screen walling would be very difficult and if the ground water level rises during the coming winter months, then the excavations would not be possible.

Our recommendation remains that the brickwork walls are replaced with substantial timber screen fences. These fences can be constructed using isolated augured fence post holes and more importantly without the need for workmen to enter any excavation.

We trust this report is adequate for your needs.

Yours sincerely

Peter Stuart

PETER STUART BSc (Hons), CEng, MICE
For and on behalf of Andrew Firebrace Partnership Limited