FURLONG
Ground Stabilisation

Earthworks
Soil Stabilisation
Site Remediation

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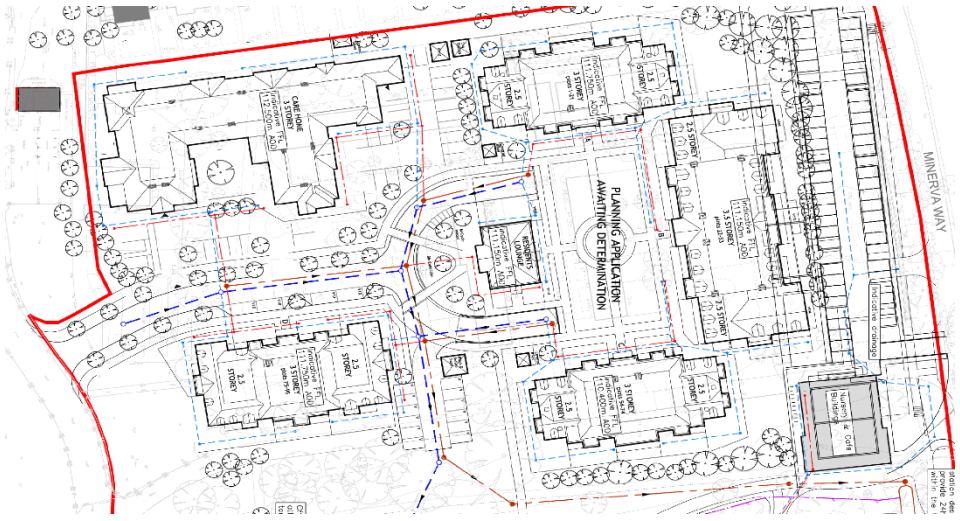
CASE STUDY

Project	FGS 4064 – Trench Fill
Location	Wilton Park Beaconsfield
Client	Reynolds Groundwork Services
Key works delivered	Modification of Excavated material for Trench Fill
Project Duration	5 Days
Stabilised Area	3,000m3
Earthworks	By MC

PROJECT OVERVIEW

Approx. 3,000m3 of Adoptable drainage material being excavated on site for deep drainage. Potentially the material would have to be removed from site and Trench Fill material imported

Furlong Ground Stabilisation worked closely with the client team and Thames Water on a Modified Soil solution for the backfill



Designed in accordance with (MCHW)

Series 600 CD22 and CC201 Foundations and Pavement Design

Following analysis of the host site won material and Lab Testing of the site won material, Furlong Ground Stabilisation Designed the Modification of the material for use as Backfill to achieve min 5.0% CBR

Equipment Selection

Agile and safe operated machinery used on this project due to level changes and working conditions.

Tractor Mounted WS250 Wirtgen Mixer

Tractor Mounted Streumaster SW 3 AC Binder Spreader



The excavated material was treated and modified alongside the trench.

The modified material was placed in the trench and Compacted with a machine mounted pad foot compactor







Project and Client Benefits

FURLONG Ground Stabilisation provided a Design and Treatment package for the Modification of the excavated material for use as acceptable trench fill

Our MCHW (CC201) design enabled our client to utilise Site Won material to create the modified Trench Fill and save time and money on the project.

