

Note on Plots 1, 2 & 3 Fitzroy Park Carriageway Impacts

55 Fitzroy Park, Highgate, Camden

February 2019

Page 1 of 3

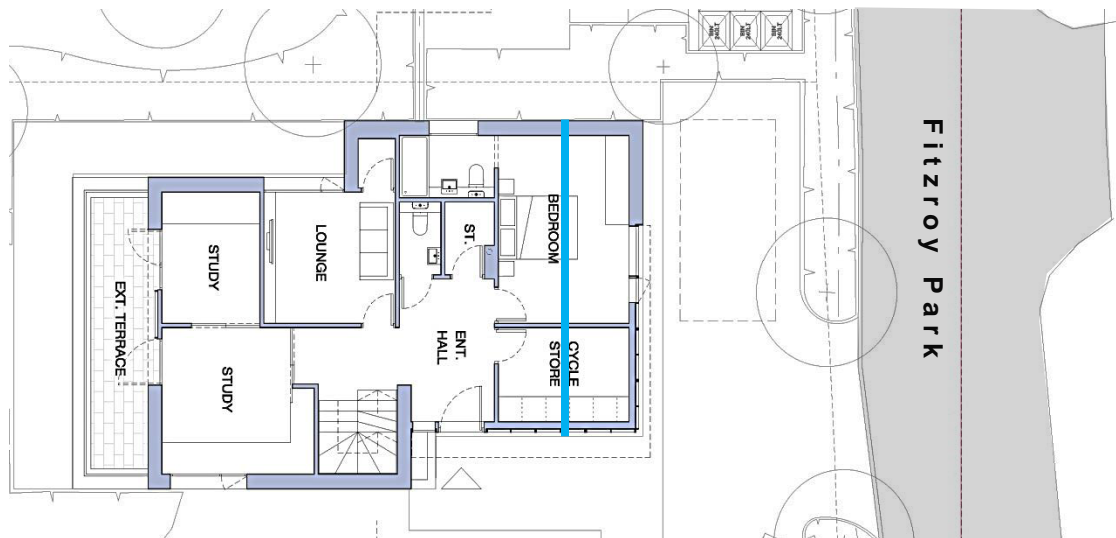
DOCUMENT CONTROL			
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Version	Date	Comment	Seamus Lefroy-Brooks BSc(hons) MSc CEng MICE CGeol FGS CEnv MEnvSc RoGEP UK Registered Ground Engineering Adviser
1.0	11 th February 2019	Issue	

The purpose of this technical note is to provide a statement on the stability impacts on Fitzroy Park of the proposed activities at Plots 1, 2 and 3.

Sketch sections are provided, with 1:1 Vertical: Horizontal scaling and an indication of the proposed drainage location and dimensions.

Plot 3

The proposed lower ground floor excavation will be some 7m back from Fitzroy Park, recessed below the ground floor.



Ground Floor Plan of Plot 3 showing the recessed location of the lower ground floor excavation (Blue line)

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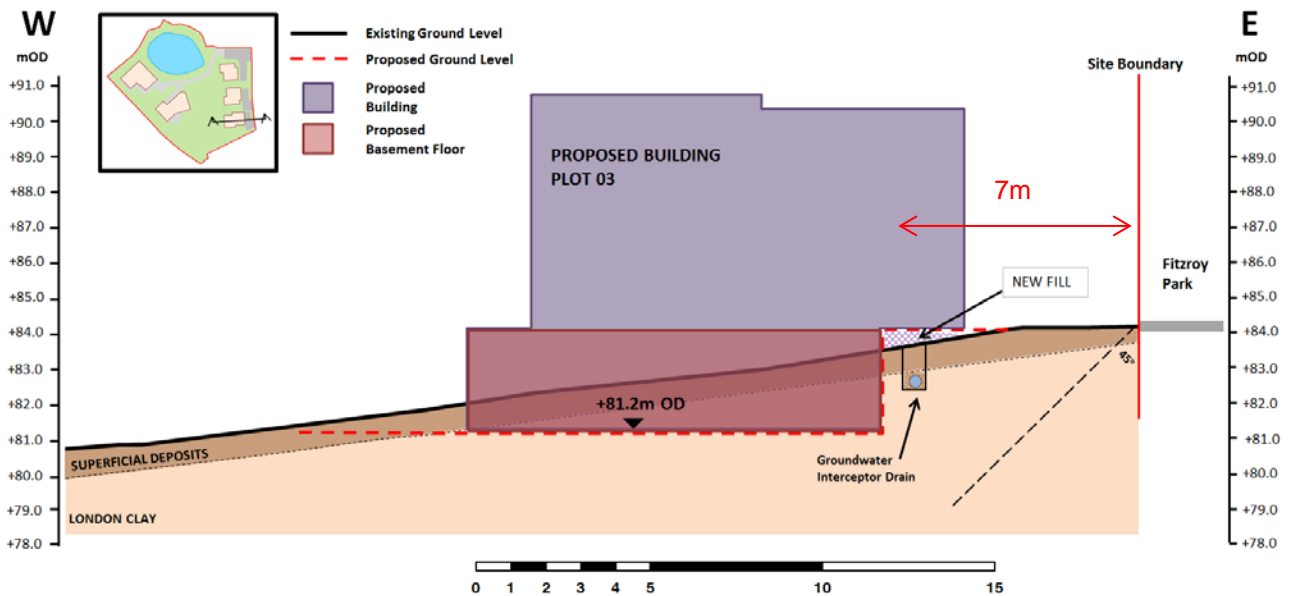
55 Fitzroy Park, Highgate, Camden

February 2019

Page 2 of 3

The groundwater interceptor drain will be installed on the London Clay at around 1m below the present ground surface. As can be seen the arrangement, presented to scale on the section below, will result in the excavations taking place sufficiently far away from the carriageway not to infringe on a 45° theoretical line of support to the road.

Therefore, no stability impact is predicted on the Fitzroy Park carriageway.



Sketch section for Plot 3

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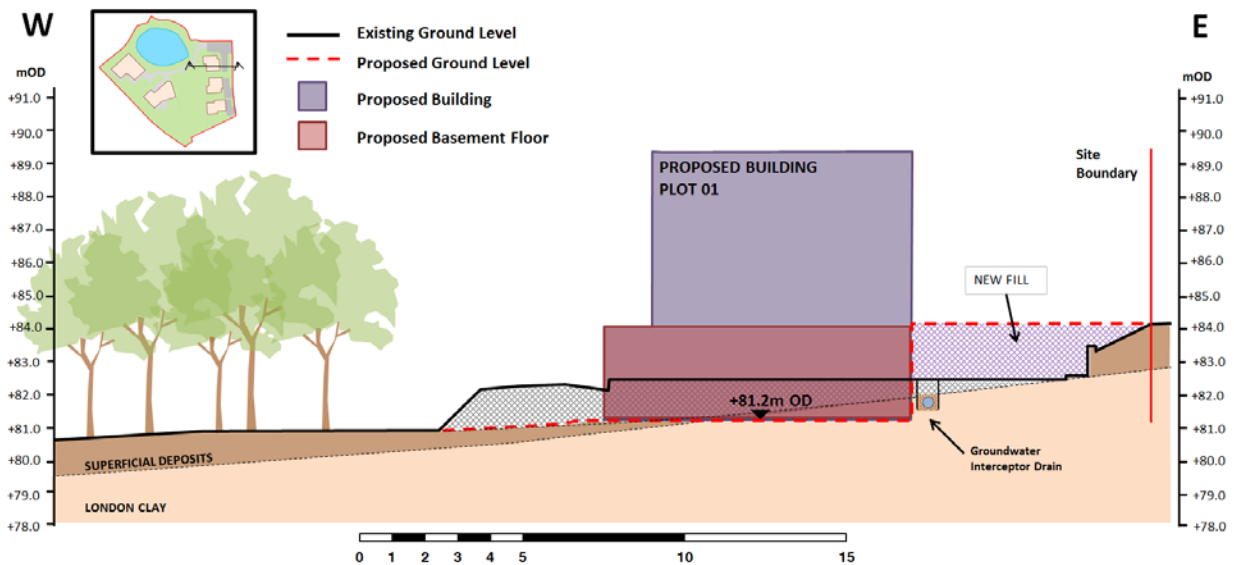
55 Fitzroy Park, Highgate, Camden

February 2019

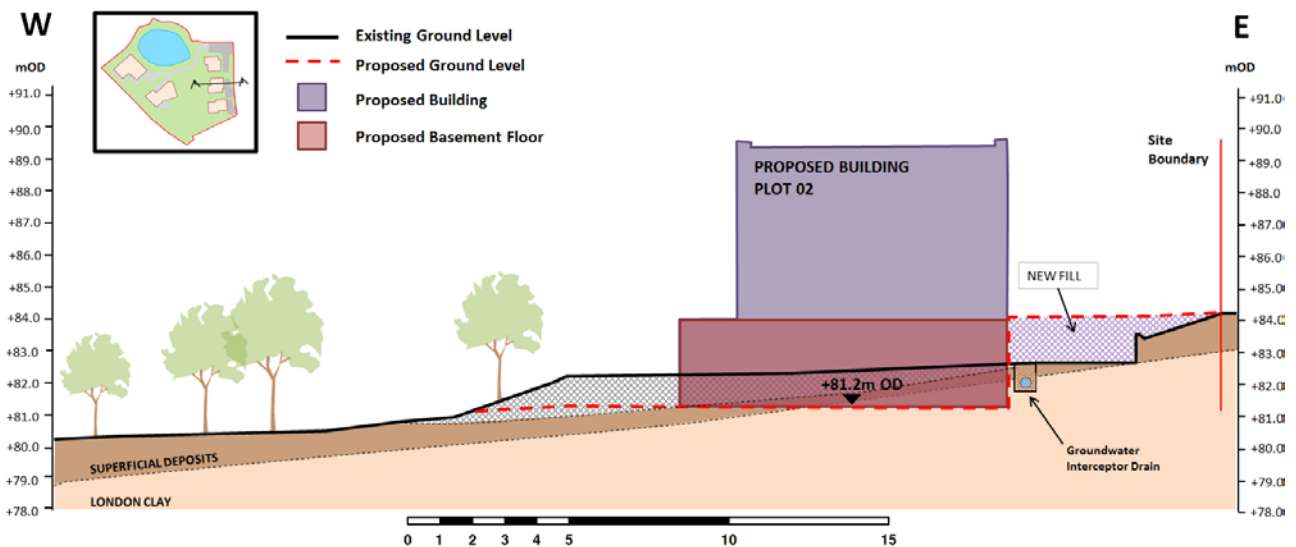
Page 3 of 3

Plots 1 & 2

The proposed excavations at Plots 1 and 2 will take place further away from Fitzroy Park than the Plot 3 situation and hence no impact on the carriageway is also predicted here.



Proposed section sketch for Plot 1



Proposed section sketch for Plot 2