



Trial Hole Inspection Report

Project Ref: 21.107

Site Location: 24 Congress Terrace Longford Town.

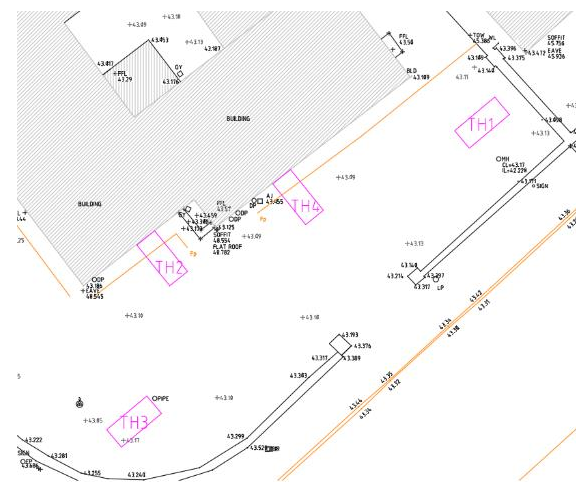
Engineer: Darragh Rowan

Weather Conditions: Showery

Date of Inspection: 5th May 2021

Photograph No 1

Comments



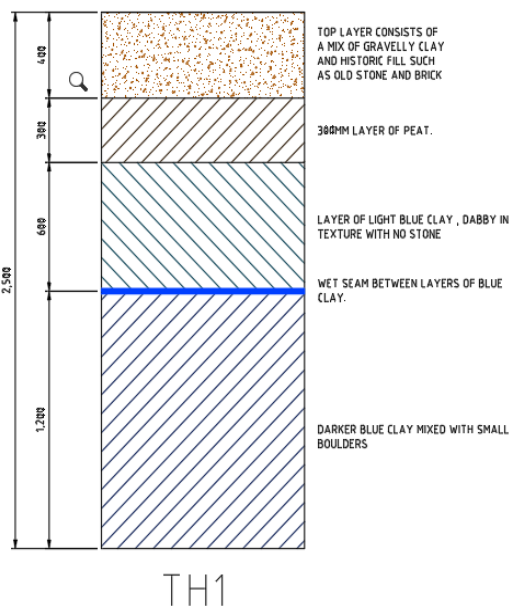
4 No Trial Holes were dug in the side garden of the above property ,

Trial Hole No 1 and No 3 were dug to ascertain the difference of ground conditions on site.

Trial hole No 2 and 4 was dug to ascertain the depth and approximate size of the existing foundations on site.

Photograph No 2

Comments



Trial Hole No. 1



Photograph No 3



Comments

Excavation 2.5m deep showing different layers of sub strata material.

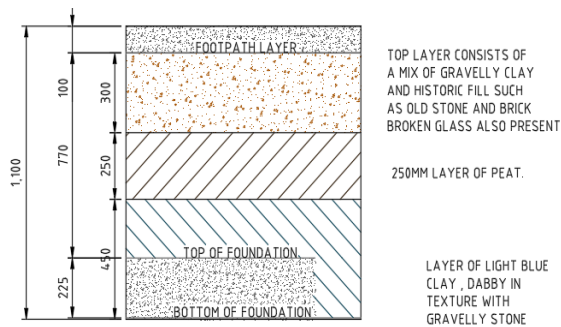
Photograph No 4



Comments

TH1 was excavated to a depth of 2.5m which showed the material to be soft and easily dug.

Photograph No 5



TH2

Comments

Trial Hole 2 was located along the gable wall of the original house.



Photograph No 6



Comments

TH2 was excavated to a depth of 1.0m which showed the depth of foundation and the material the foundation was laid on.

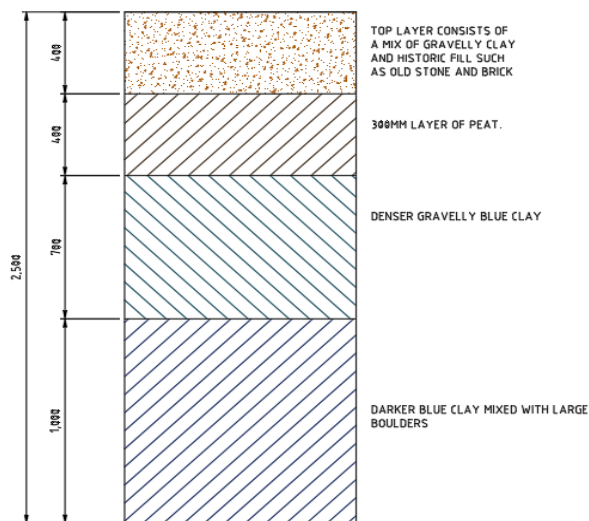
Photograph No 7



Comments

Photo shows the foundations of the existing house.

Photograph No 8



TH3

Comments

TH3 located in the front garden of the property



Photograph No 9



Comments

Excavation 2.5m deep showing different layers of sub strata material.

Photograph No 10

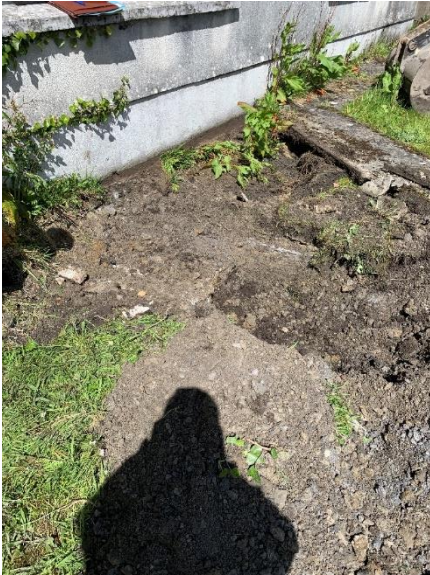


Comments

100mm clay pipe was located in the trial hole excavation. Further investigation will be required to determine if the pipe is active.



Photograph No 11



Comments

TH4 is located to the side of the rear extension of the property,

Photograph No 12



Comments

TH4 is located to the side of the rear extension of the property, The foundation is approximately 650mm below the plinth level of the property to the top of the foundation, the foundation appears to be 150mm in depth and appears to be constructed as concrete slab.

Conclusion:

Both the existing house and the rear extension were constructed using strip foundations, due to the poor ground conditions on site we will be recommending a raft foundation are used to facilitate any new structure on site.

Signed By :

D. Raso

Date 19.05.2021