

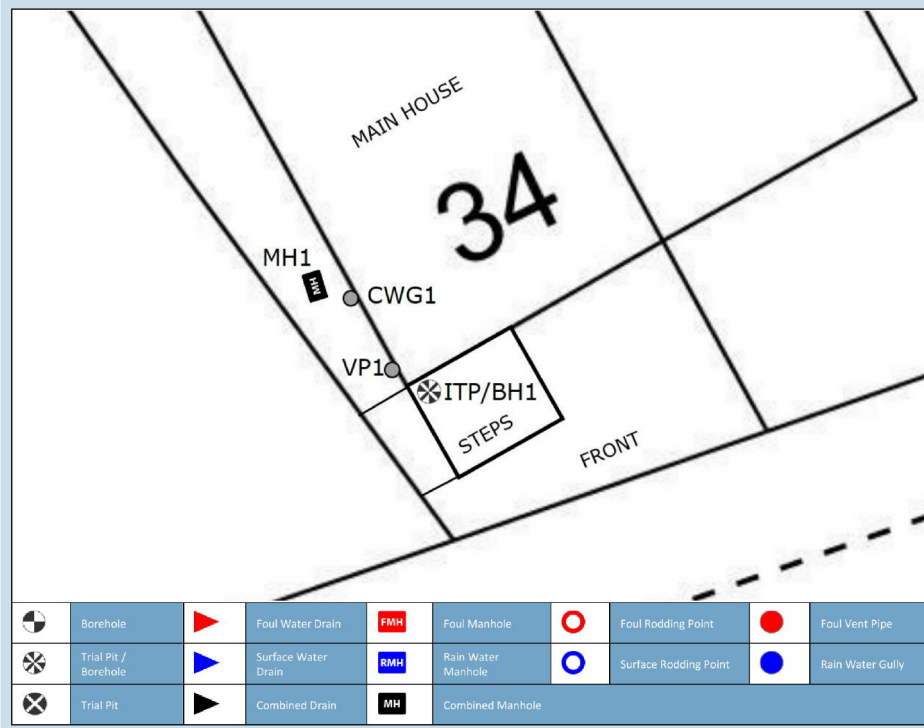
GEOTECHNICAL

for Subsidence Management Services

34 Laurier Road, London, NW5 1SJ

Client: Subsidence Management Services
Client Contact: Ian Domigan
Client Ref: [REDACTED]
Policy Holder: [REDACTED]
Report Date: 27 November 2020
Our Ref: [REDACTED]

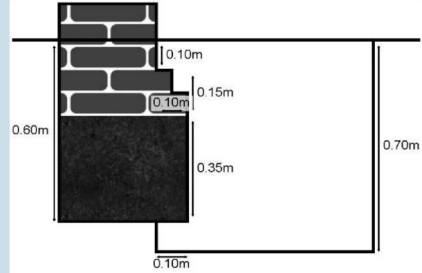
Site Plan



ITP/BH1 Foundation Detail and Borehole Log

Foundation Detail

Steps foundation comprised of brick wall to 100mm bgl, bearing on stepped brick to 250mm bgl with a total projection of 100mm from the elevation. In turn, bearing on clinker to 600mm bgl with a total projection of 100mm from the elevation. Underside of foundation (USF) was exposed to 100mm back from the face of the foundation and probed 300mm back from the face of the foundation.



WS	Sampler		Tests		Legend	Stratum Description and Observations
	Type	Depth (m)	Type	Depth (m)		
						0.00
						0.10
						0.20
						0.30
						0.40
						0.50
						0.60
						0.70
						0.80
						0.90
						1.00
						1.10
						1.20
						1.30
						1.40
						1.50
						1.60

Site Observations

GENERAL:

Site Investigation works undertaken on 10 November 2020 during dry weather (i.e. no rain).

HEALTH AND SAFETY:

Negative signal obtained in Power and Radio mode on the Cable Avoidance Tool (CAT) at ITP/BH 1.

FOUNDATIONS:

Steps foundation was exposed and the underside of foundation (USF) recorded to be 0.60m bgl in ITP/BH 1.

BOREHOLE:

Hand Auger and Mackintosh Probe (MP) refusal at 1.60m bgl due to man made obstructions within the made ground in ITP/BH 1. Borehole terminated. No further works undertaken.

SOILS:

The base of the Made Ground deposits were not proven in ITP/BH 1. Maximum depth of 1.60m bgl achieved.

ROOTS:

Roots encountered to 1.50m bgl in ITP/BH 1.

IN SITU TESTING:

Mackintosh Probe (MP) undertaken at 0.60m bgl within the hand excavated trial pit and thereafter in the hand auger borehole at maximum 0.50m intervals in ITP/BH 1. Hand Penetrometer (PEN) undertaken at 1.10m bgl within the hand auger and thereafter in the hand auger at maximum 0.50m intervals in ITP/BH 1.

WATER STRIKES:

No water strikes (NWS) encountered in ITP/BH 1.

The groundwater observations do not necessarily indicate equilibrium conditions. It should be appreciated that groundwater levels are subject to both seasonal and weather induced variations. Other effects such as construction activities may also change groundwater levels.