



Contractors and consultants are not to scale dimensions from this drawing

The existing site, context and building survey information included on this drawing is produced by Laser Surveys Ltd. The proposals submitted for planning permission are based on this survey information.

1:100

0m 5m 10m

N

Extent of Proposed Demolition

UNDERGROUND SERVICES

1) Although every effort has been made to trace underground services using radio-detection no guarantee can be given that all have been found. Due to their non-conductivity certain types of gas and water pipes have not been possible to trace. Service trial holes must be dug prior to excavation.

2) This survey has been carried out in accordance with the RICS specification for tracing underground utilities at scales of 1:500 and larger.

3) In the absence of evidence to the contrary the routes of confirmed manhole connections are assumed to be direct and straight.

4) Small gully's and downpipes that go straight into the ground could not be traced due to restrictive access.

GROUND RADAR

The material surrounding and particularly above buried services can affect whether the services can be resolved using GPR. Reinforced concrete, buried metallic objects, the presence of moisture or clay and changes in the material construction can lead to poor data resolution.

As we have no information with respect to the material overlaying any services the GPR method can only give a guaranteed accuracy of 50%.

Depth results using GPR are typically accurate to within 10% with a horizontal accuracy of $\pm 150\text{mm}$. These figures will vary as the velocity of the ground is assumed at 80m/s.

The results of the GPR survey should be treated with caution as there is no guarantee that any service shown actually exists, only a possibility that something can be seen on the records.

The GPR Survey used the 500Mhz Antenna on this job and was seeing services down to 1.8m.

Legend:

- Underground Foul Drainage
- Underground Storm Drainage