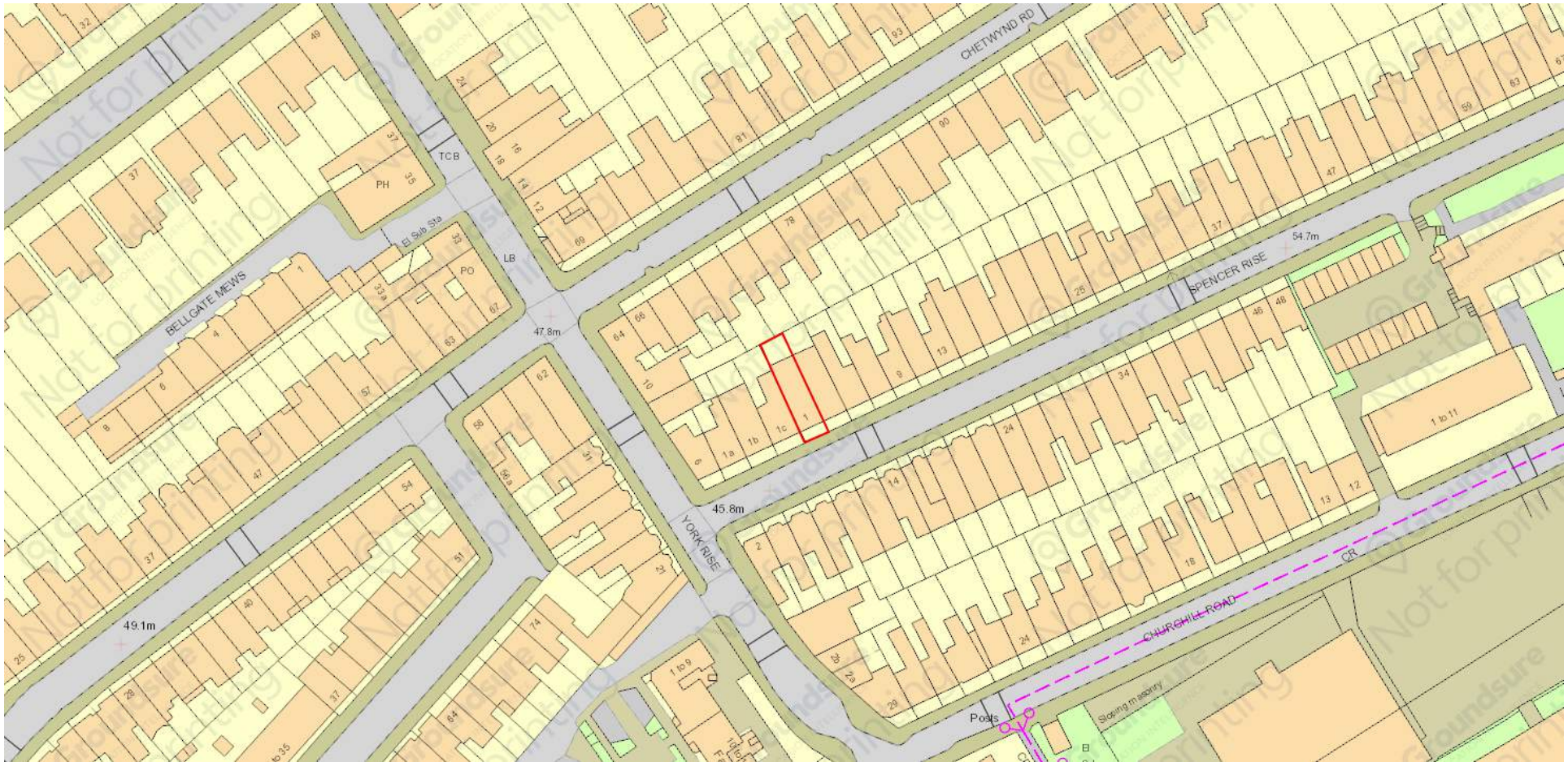


— APPROXIMATE SITE BOUNDARY

Project:		1 Spencer Rise, Camden, London NW5 1AR	
Client:	Edward Williams c/o Edward Williams Architects	Date:	April 2018
Site Location Plan		Ref:	GWPR2459

Figure 1

ground&water



APPROXIMATE SITE BOUNDARY

NOT TO SCALE

Project:

1 Spencer Rise, Camden, London NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

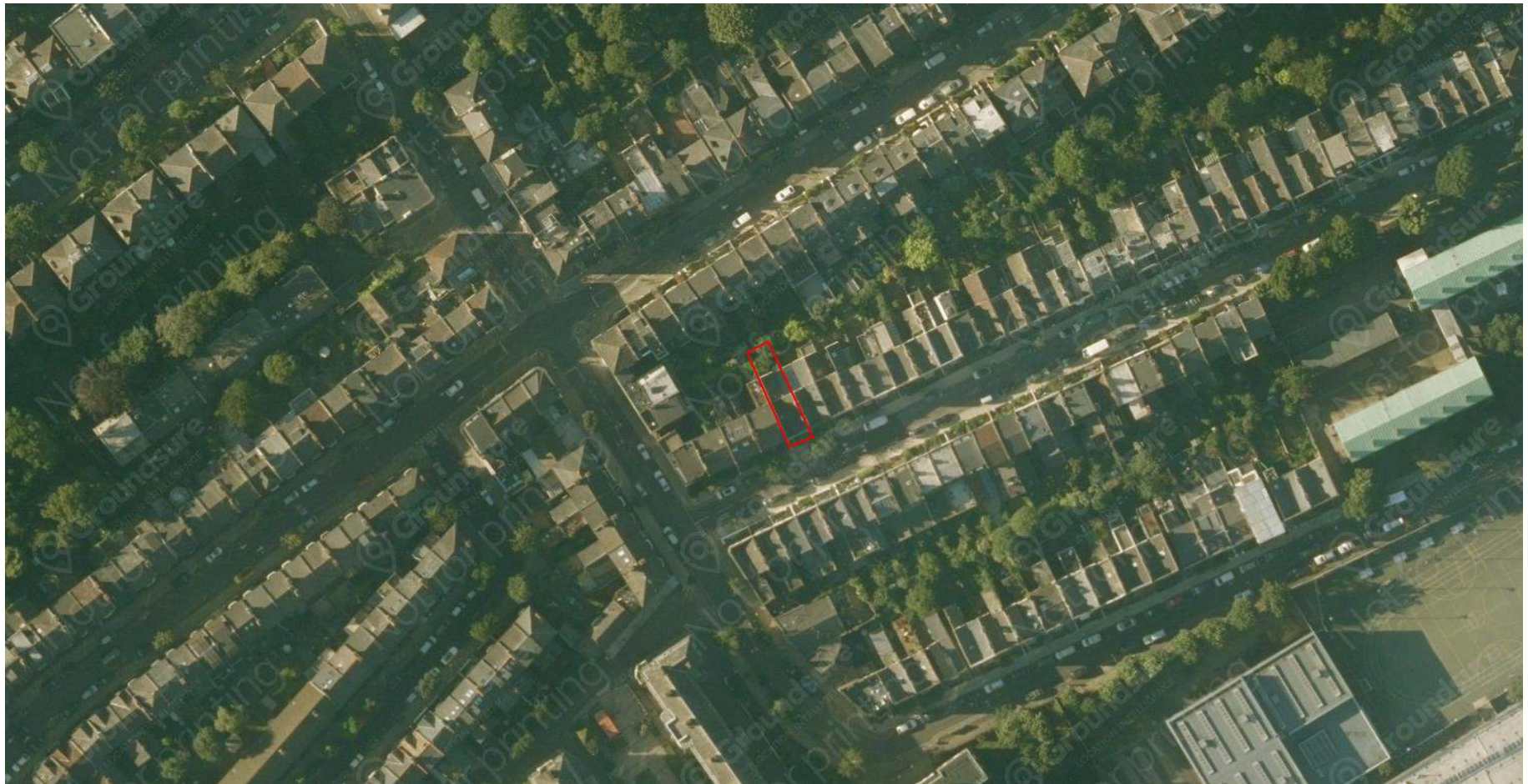
Site Development Plan

Ref:

GWPR2459

Figure 2





NOT TO SCALE

APPROXIMATE SITE BOUNDARY 

Project:

1 Spencer Rise, Camden, London NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

Ref:

GWPR2459

Aerial View of the Site

Figure 3

ground&water



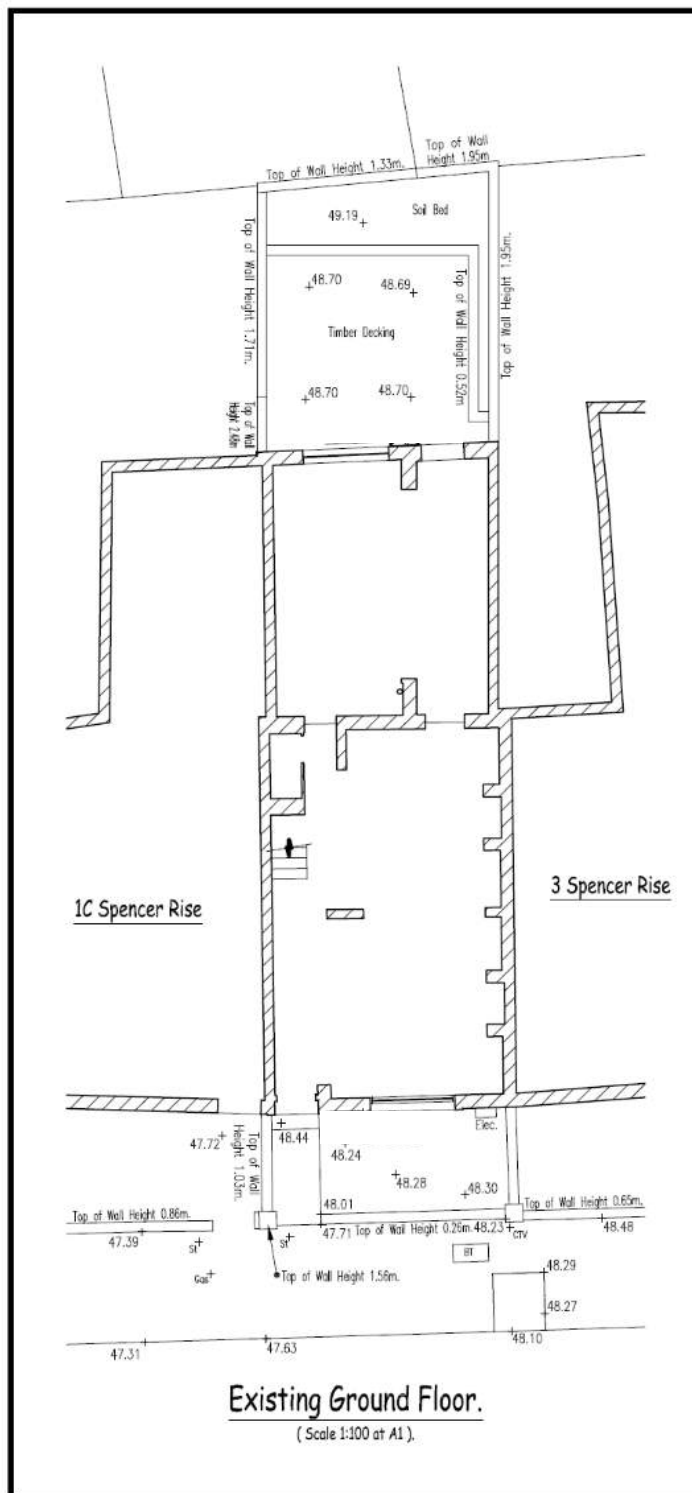
NOT TO SCALE

APPROXIMATE SITE BOUNDARY —————

Project:		1 Spencer Rise, Camden, London NW5 1AR	
Client:	Edward Williams c/o Edward Williams Architects	Date:	April 2018
Existing Sectional View of Spencer Rise		Ref:	GWPR2459

Figure 4

ground&water



Project:

1 Spencer Rise, Camden, London NW5 1AR

Client:

**Edward Williams c/o Edward Williams
Architects**

Date:

April 2018

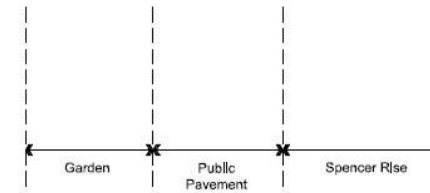
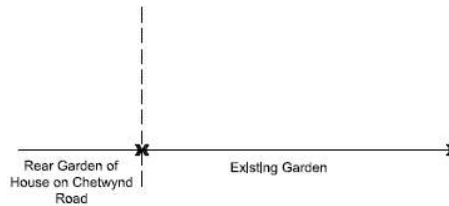
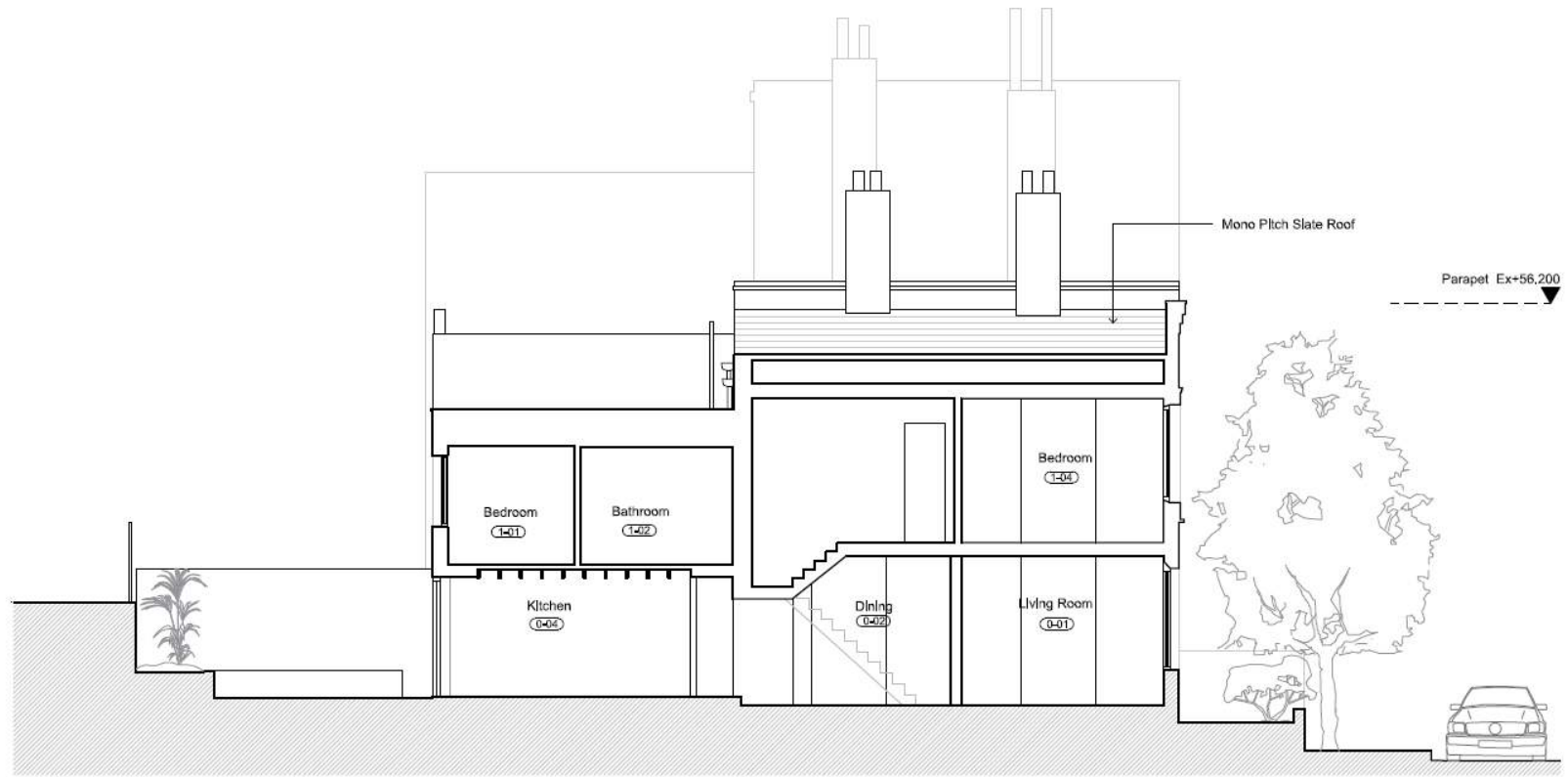
Topographic Survey

Ref:

GWPR2459

Figure 5

ground&water



APPROXIMATE SITE BOUNDARY

NOT TO SCALE

Project:

1 Spencer Rise, Camden, London NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

Existing Sectional View

Ref:

GWPR2459

Figure 6

ground&water



APPROXIMATE SITE BOUNDARY

NOT TO SCALE

Project:

1 Spencer Rise, Camden, London NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

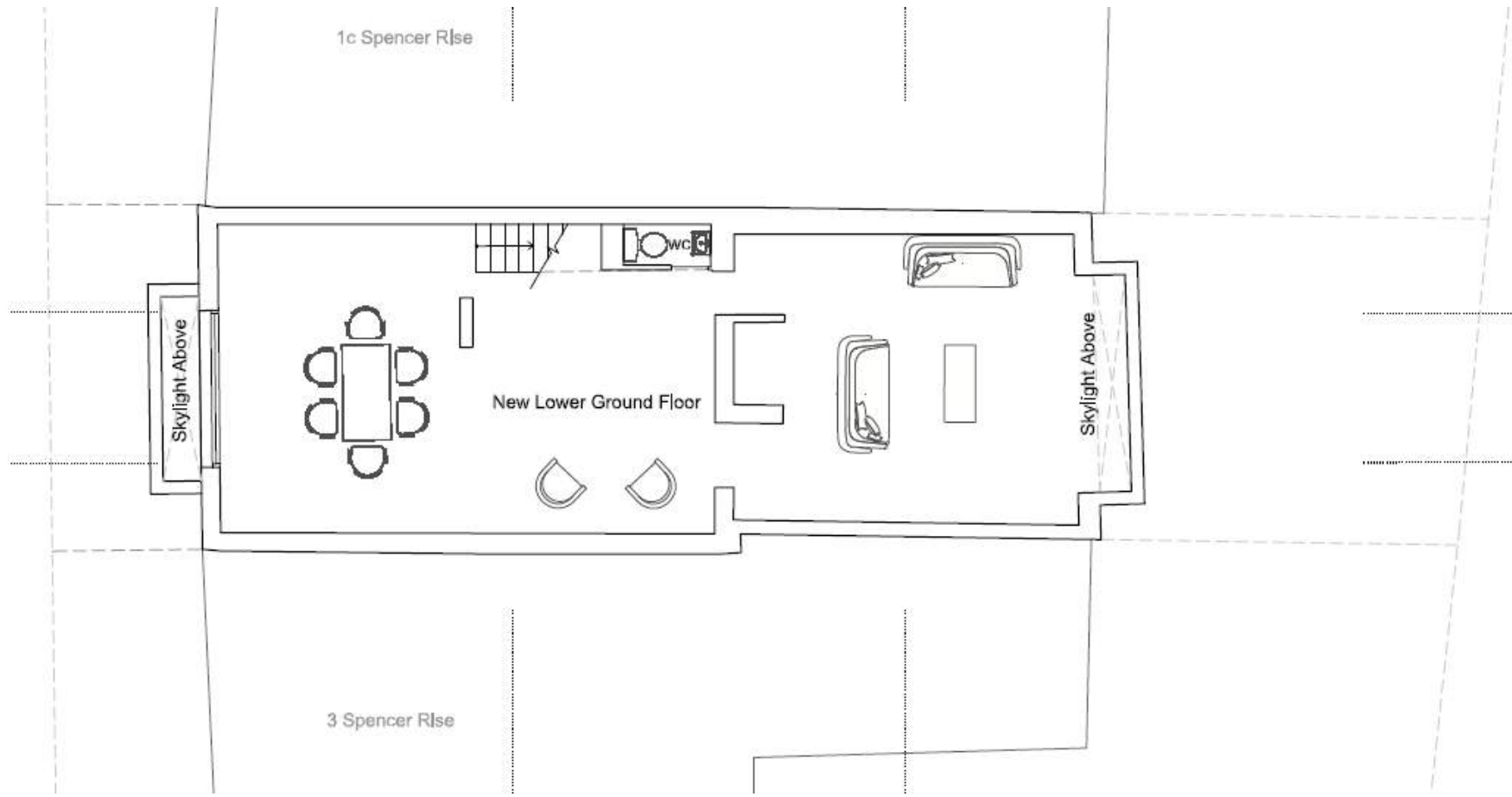
Existing Rear Sectional View

Ref:

GWPR2459


Figure 7

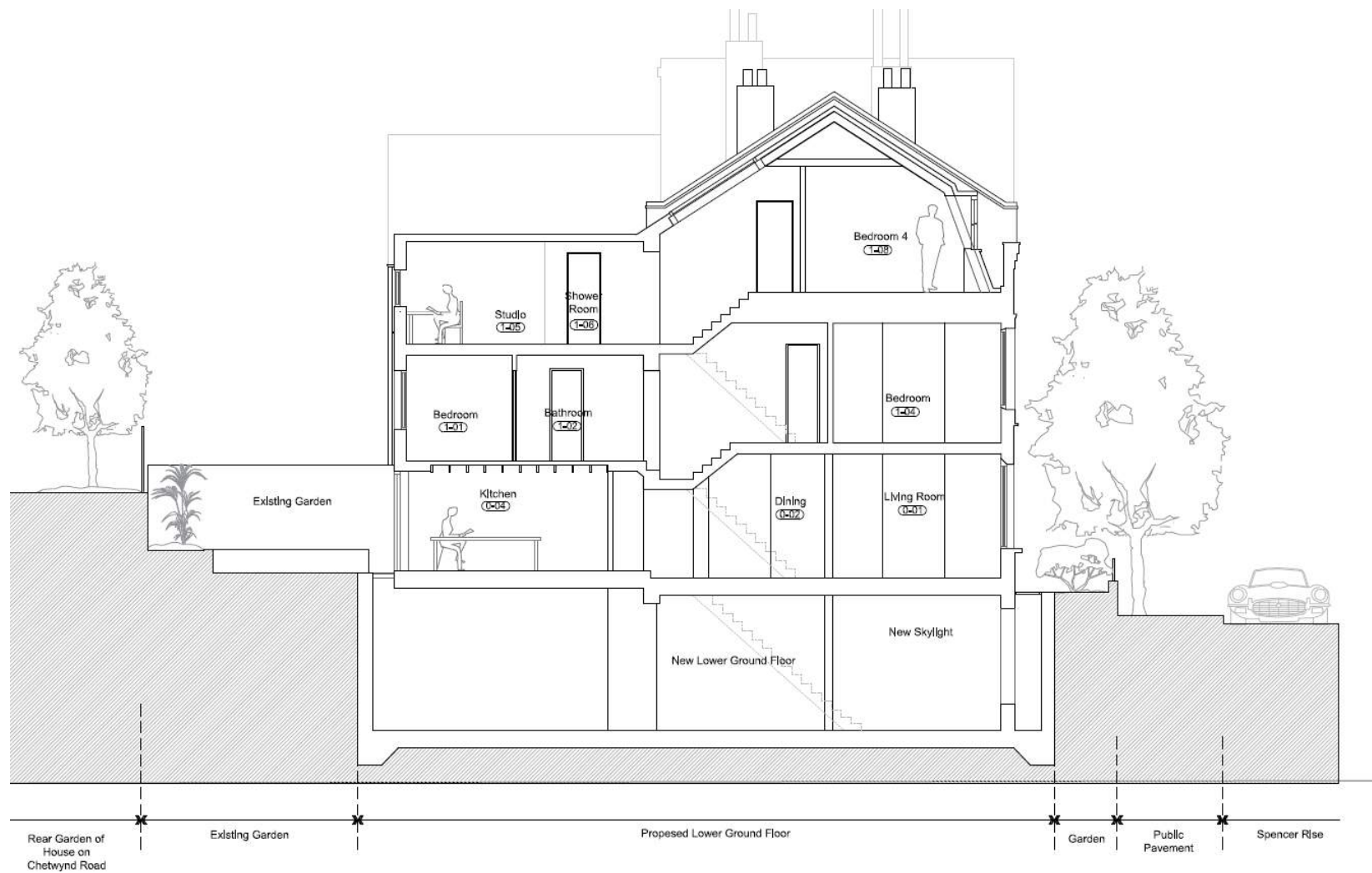
ground&water



APPROXIMATE SITE BOUNDARY

NOT TO SCALE

Project:		1 Spencer Rise, Camden, London NW5 1AR		<p>Figure 8</p> 
Client:	Edward Williams c/o Edward Williams Architects	Date:	April 2018	
Proposed Development Plan – Plan View		Ref:	GWPR2459	



APPROXIMATE SITE BOUNDARY

NOT TO SCALE

Project:

1 Spencer Rise, Camden, London NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

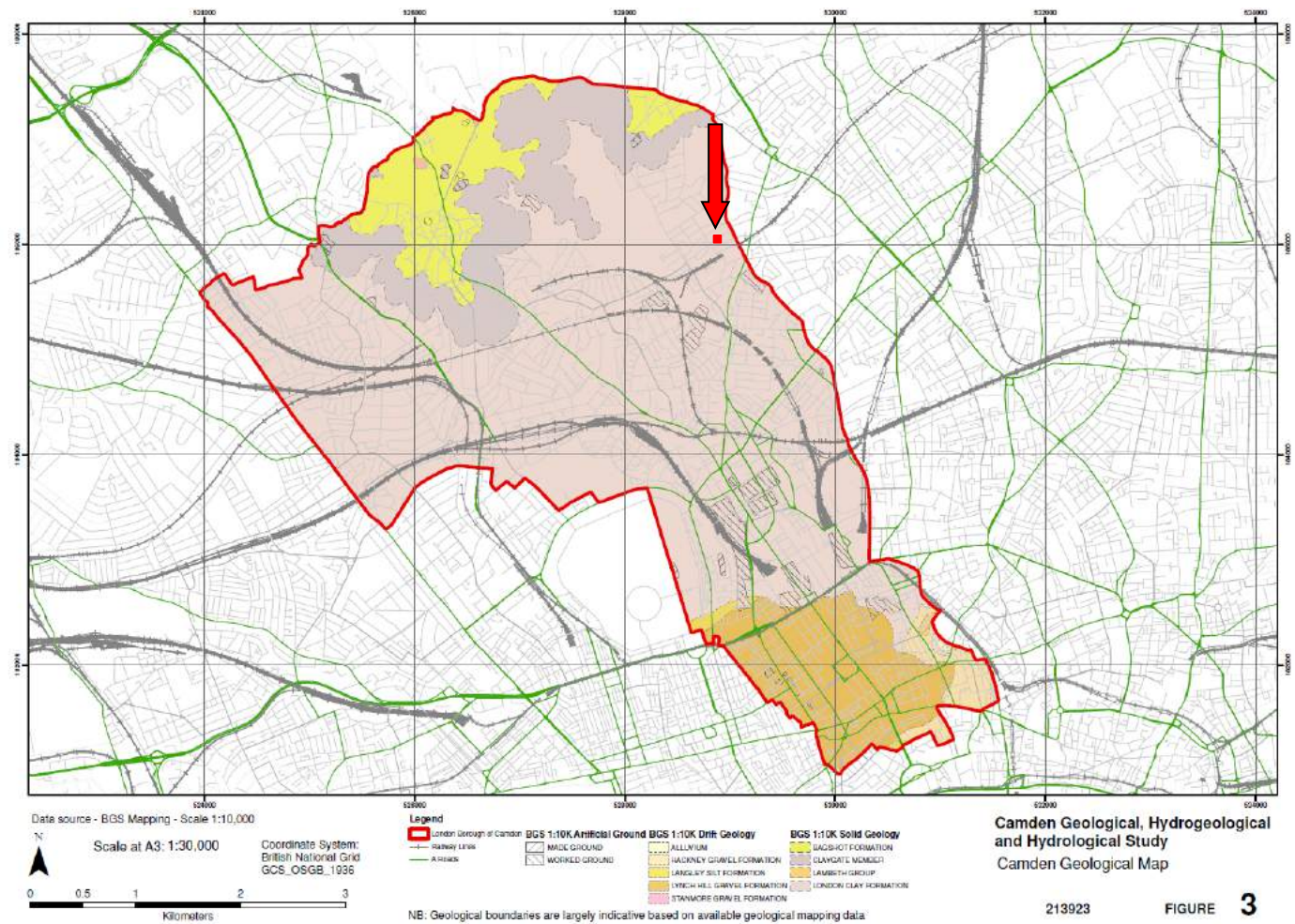
Proposed Development Plan – Sectional View

Ref:

GWPR2459

Figure 9

ground&water



APPROXIMATE SITE BOUNDARY

NOTE: NOT TO SCALE

Project:

1 Spencer Rise, Camden, London, NW5 1AR

Figure 10

Client:

Edward Williams c/o Edward Williams Architects

Date:

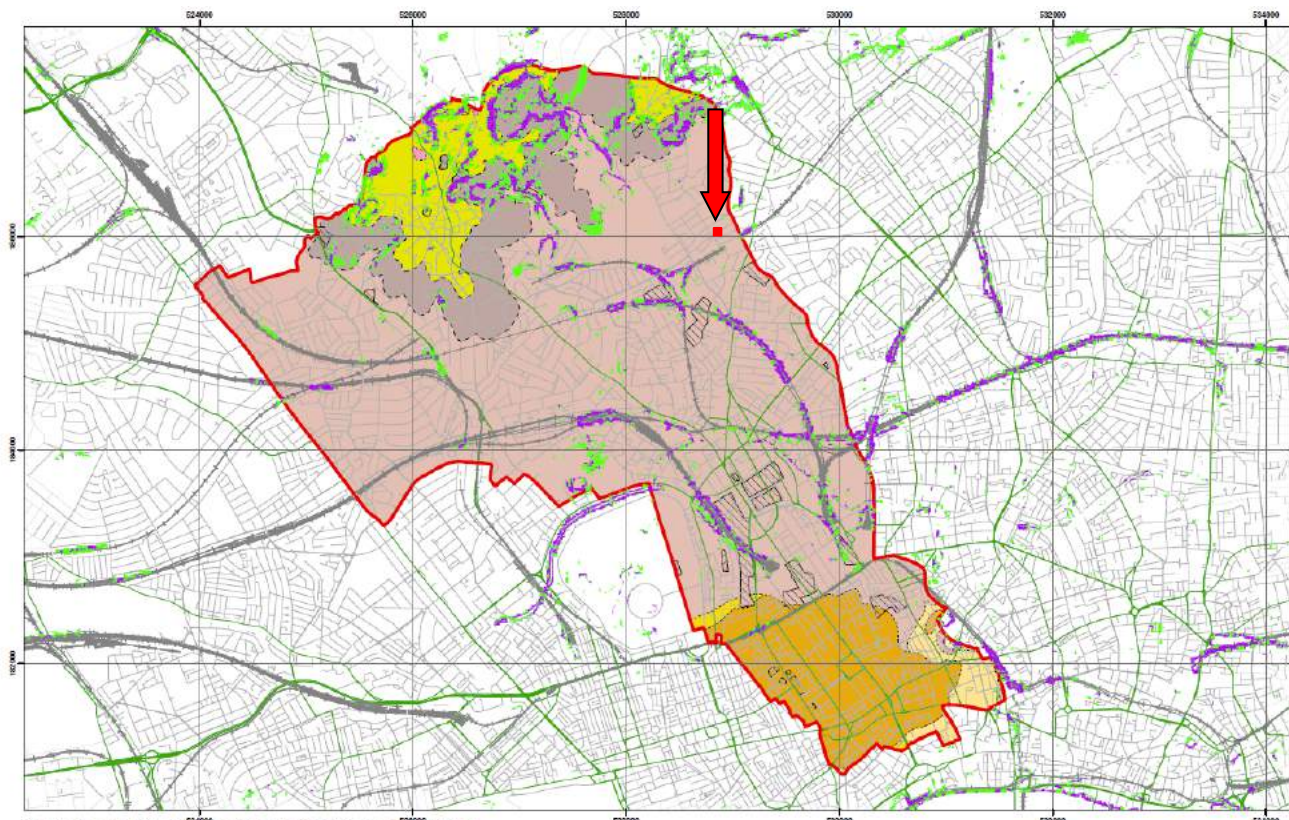
April 2018

North Camden Geological, Hydrogeological and Hydrological Study - Figure 3

Ref:

GWPR2459

ground&water



Slope Angles calculated from Digital Terrain Model Provided By Camden Borough Council

Scale at A3: 1:30,000
0 0.5 1 2 3
Kilometers

1:10,000 BGS Mapping
Coordinate System:
British National Grid
GDS_OSGB_1996

Legend
Slope: 0-2°, 2-10°, 10-15°, >15°
Green Arrows of Camden
Railway Lines
A Roads
BGS 1:10K Aerial Ground
WORKED GROUND
BGS 1:10K 0m Geology
45-100m
LACKNEY GRAVEL FORMATION
HANGERSLIP FORMATION
HANGERSLIP GRAVEL FORMATION
STANMORE GRAVEL FORMATION
BGS 1:10K Soils Geology
BROOKLYN FORMATION
ELMVALE MANDEY
HANGERSLIP
LONDON CLAY FORMATION
STANMORE GRAVEL FORMATION

NB. Geological boundaries are largely indicative based on available geological mapping data

Camden Geological, Hydrogeological
and Hydrological Study
Slope Angle Map

213923

FIGURE 16

APPROXIMATE SITE BOUNDARY

NOTE: NOT TO SCALE

Project:

1 Spencer Rise, Camden, London, NW5 1AR

Figure 11

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

Camden Geological, Hydrogeological and Hydrological Study -
Figure 16

Ref:

GWPR2459

ground&water



Areas of greatest potential for slope instability

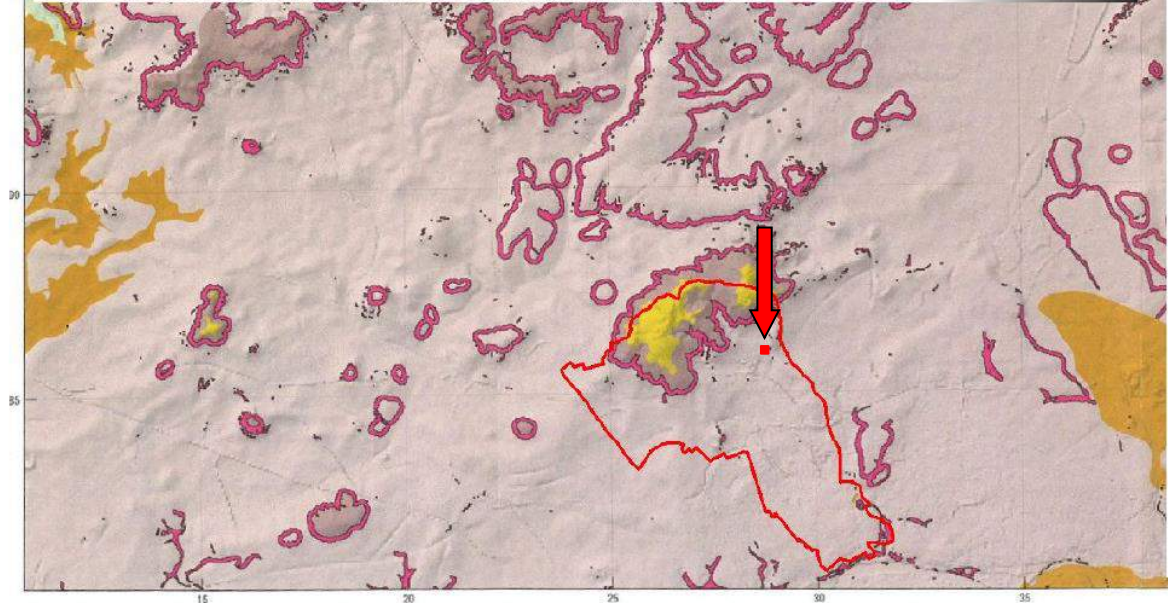
The assessment of the potential for slope instability
 Due to a long history of intensive landuse and urban development it has only been possible to recognise and map, with confidence, a few areas of past landslide activity. However, beyond the north London district, areas of similar bedrock geology and topography contain significant areas of mapped landslides. Therefore, a slope instability assessment has been made to act as a guide to where areas of significant landslide potential are present, but obscured, and where further information regarding their stability are needed before development or major changes in landuse are made (Forster et al. 2003).

The assessment used a deterministic approach that looks at the presence at a site of landslide causative factors, such as slope angle, lithology and groundwater conditions that increase the susceptibility of a site to landslide activity. The causative factors were weighted according to their relative importance in promoting landslides and combined in a Geographical Information System to produce a computer-generated map of the relative susceptibility to landslide activity across the area. It does not necessarily mean that landslides have happened in the past or will do so in the future but if conditions change through natural or artificial means and a causative factor increases, then slope instability may be triggered.

This assessment gave a measure of the potential landslide activity divided into five classes ranging from zero to very high. For clarity the two highest classes, HIGH and VERY HIGH have been combined on this map to give a single rating to indicate the presence of a significant potential. More detailed information about particular locations may be obtained through the BGS Enquiry Service enquiries@bgs.ac.uk. Telephone 0115 936 3143.

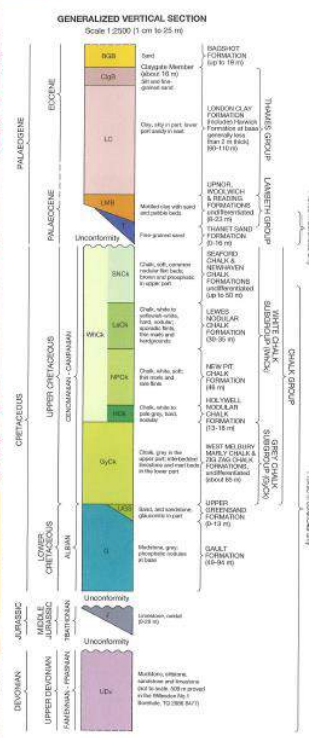
The shaded relief image is derived from NEXTMap™ Digital Elevation Model (DEM) data gridded at 10 m intervals. Illumination is from the north-west and vertical exaggeration is x10. Artificial artefacts such as buildings have been removed from this dataset using smoothing algorithms. The geology of the district can be related to the topography as revealed by the image. The hill tops capped by the Claygate Member and Bagshot Formation are clearly identifiable. The watersheds dividing the Thames, Lea and Colne river valleys are visible, as are the large reservoirs on the floor of the Lea valley.

FORSTER A, WILDMAN G AND POULTON C. 2003. Landslide potential modelling of North London. British Geological Survey Internal Report, IR/03/122R.



Source - British Geological Society, 1:50,000 Series England and Wales Sheet 256 - North London

Areas of significant landslide potential



Camden Geological, Hydrogeological and Hydrological Study Areas of landslide potential

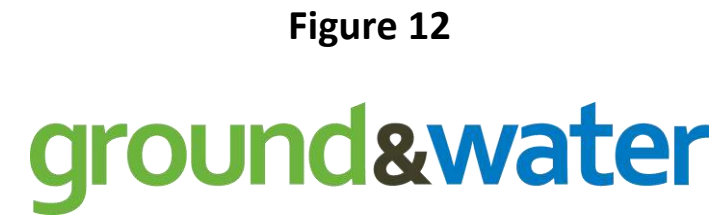
213923

FIGURE 17

NOTE: NOT TO SCALE

— APPROXIMATE SITE BOUNDARY

Project:		1 Spencer Rise, Camden, London, NW5 1AR	
Client:	Edward Williams c/o Edward Williams Architects	Date:	April 2018
Camden Geological, Hydrogeological and Hydrological Study - Figure 17		Ref:	GWPR2459





Source - London Borough of Camden, January 2010. *Camden Core Strategy Proposed Submission.*

Camden Geological, Hydrogeological and Hydrological Study
Transport Infrastructure

213923

FIGURE 18

— APPROXIMATE SITE BOUNDARY

NOTE: NOT TO SCALE

Project:

1 Spencer Rise, Camden, London, NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

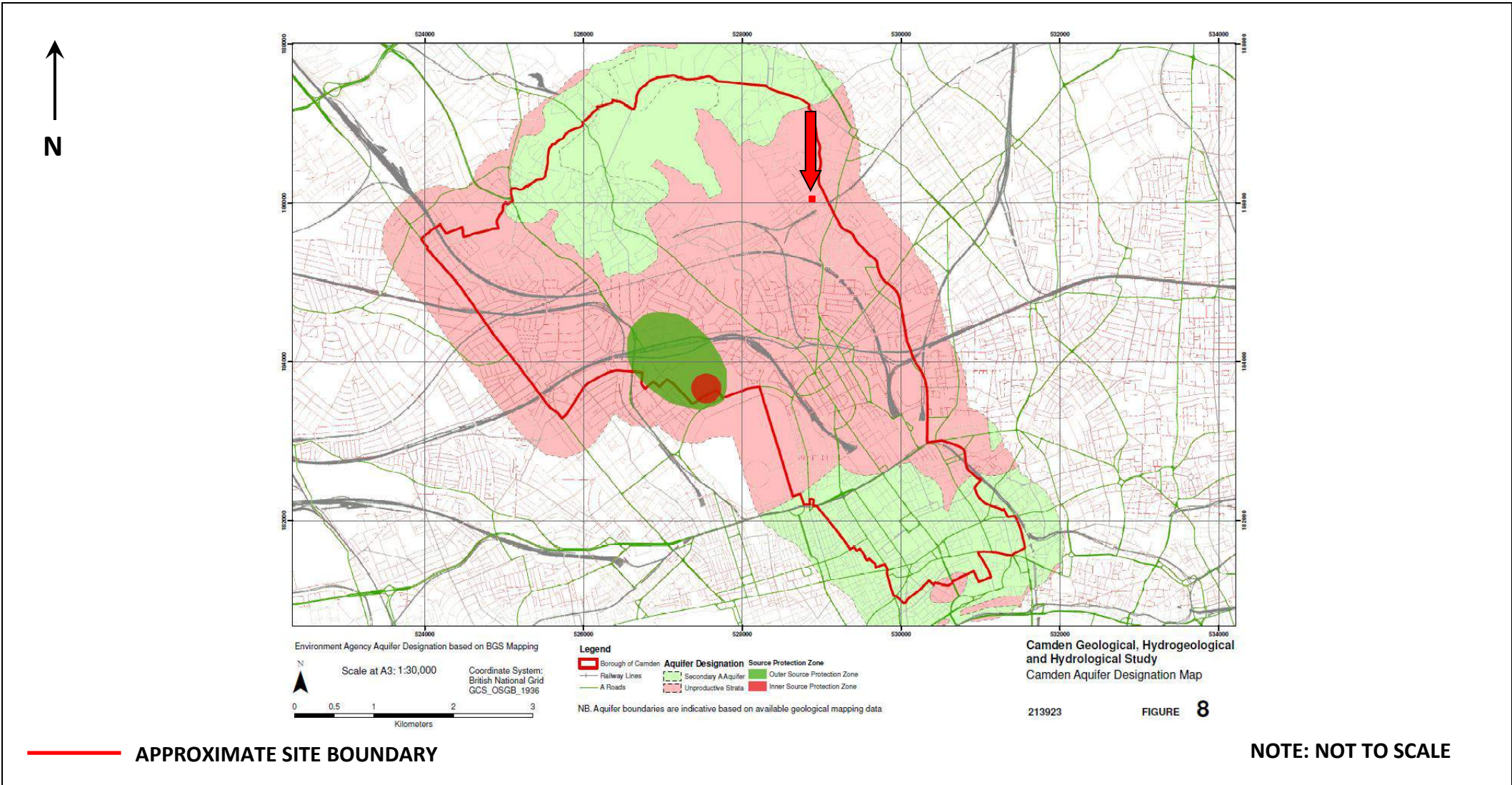
**Camden Geological, Hydrogeological and Hydrological Study -
Figure 18**

Ref:

GWPR2459

Figure 13

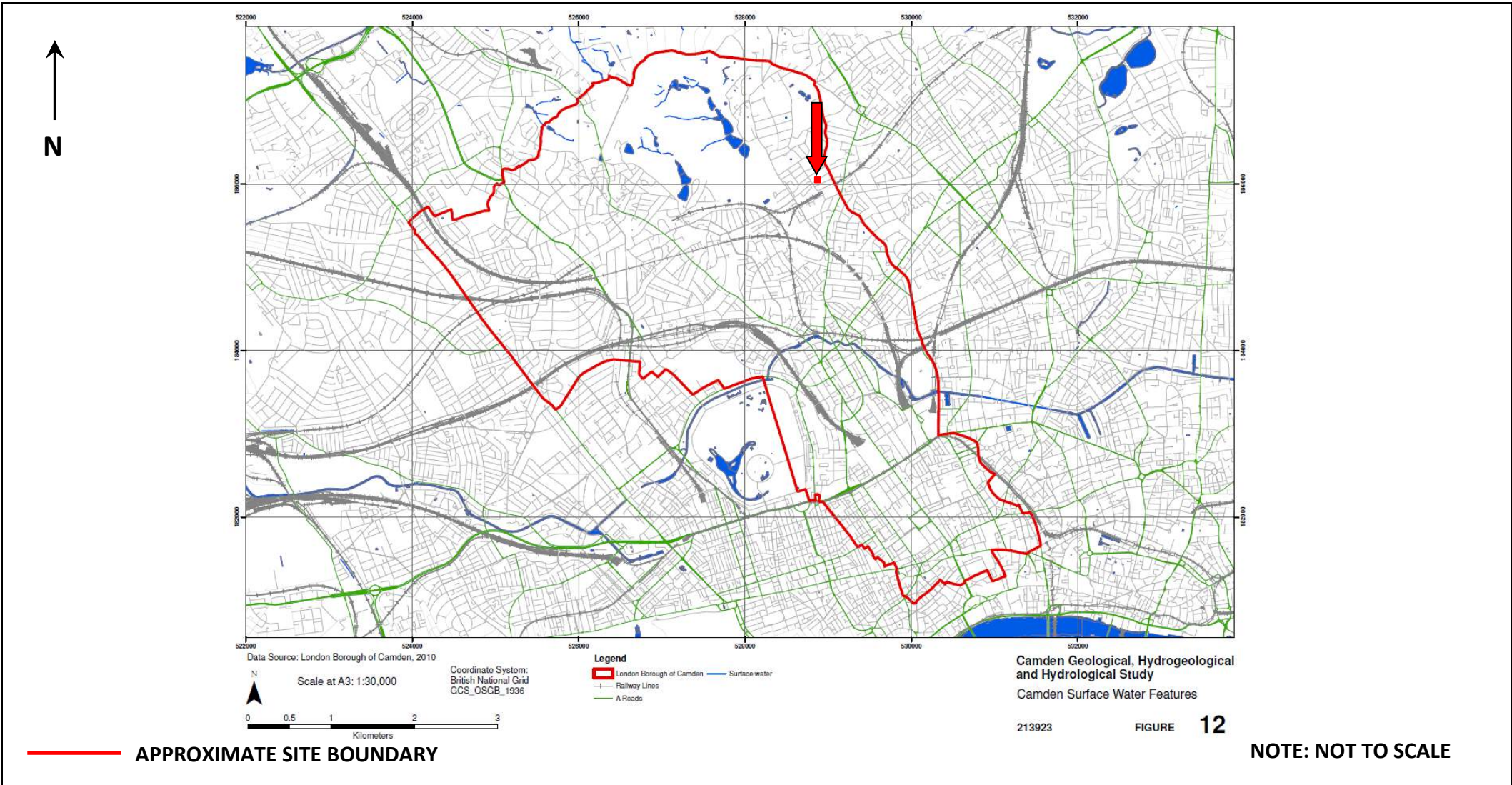
ground&water



Project:		1 Spencer Rise, Camden, London, NW5 1AR	
Client:	Edward Williams c/o Edward Williams Architects	Date:	April 2018
Camden Geological, Hydrogeological and Hydrological Study - Figure 8		Ref:	GWPR2459

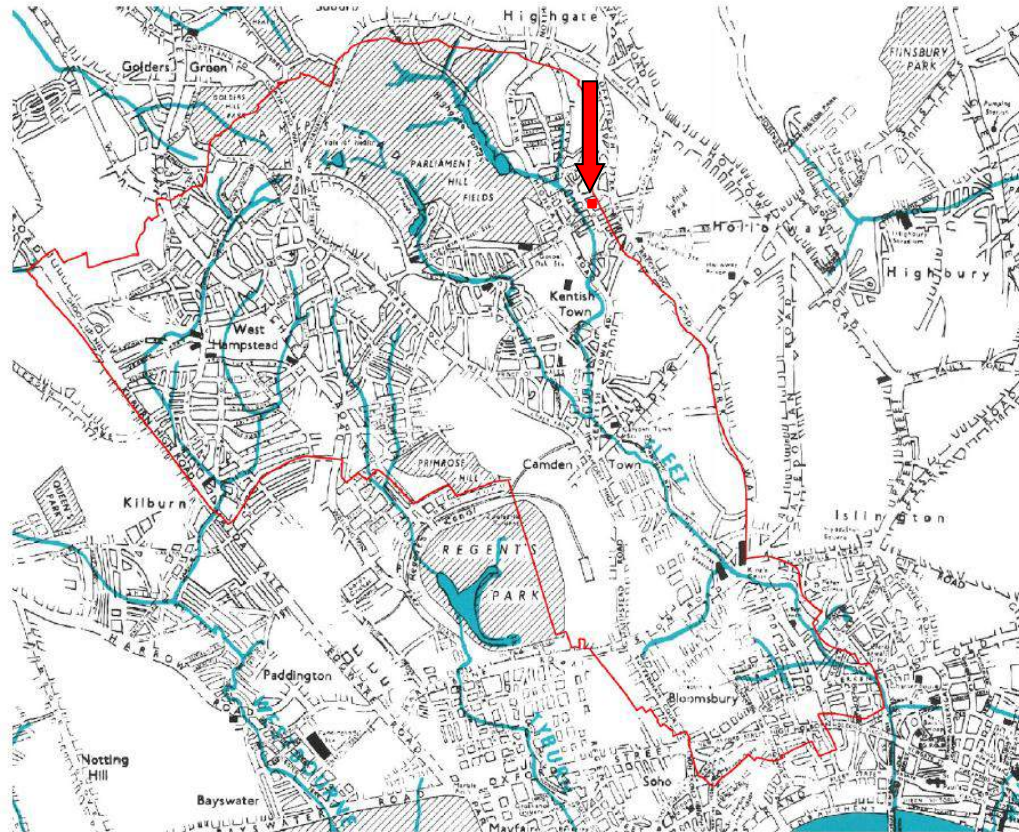
Figure 14

ground&water



Project:		1 Spencer Rise, Camden, London, NW5 1AR	
Client:	Edward Williams c/o Edward Williams Architects	Date:	April 2018
Camden Geological, Hydrogeological and Hydrological Study - Figure 12		Ref:	GWPR2459

Figure 15



Source – Barton, Lost Rivers of London

Camden Geological, Hydrogeological and Hydrological Study
Watercourses

213923

FIGURE 11

 APPROXIMATE SITE BOUNDARY

NOTE: NOT TO SCALE

Project:

1 Spencer Rise, Camden, London, NW5 1AR

Figure 16

Client:

Edward Williams c/o Edward Williams Architects

Date:

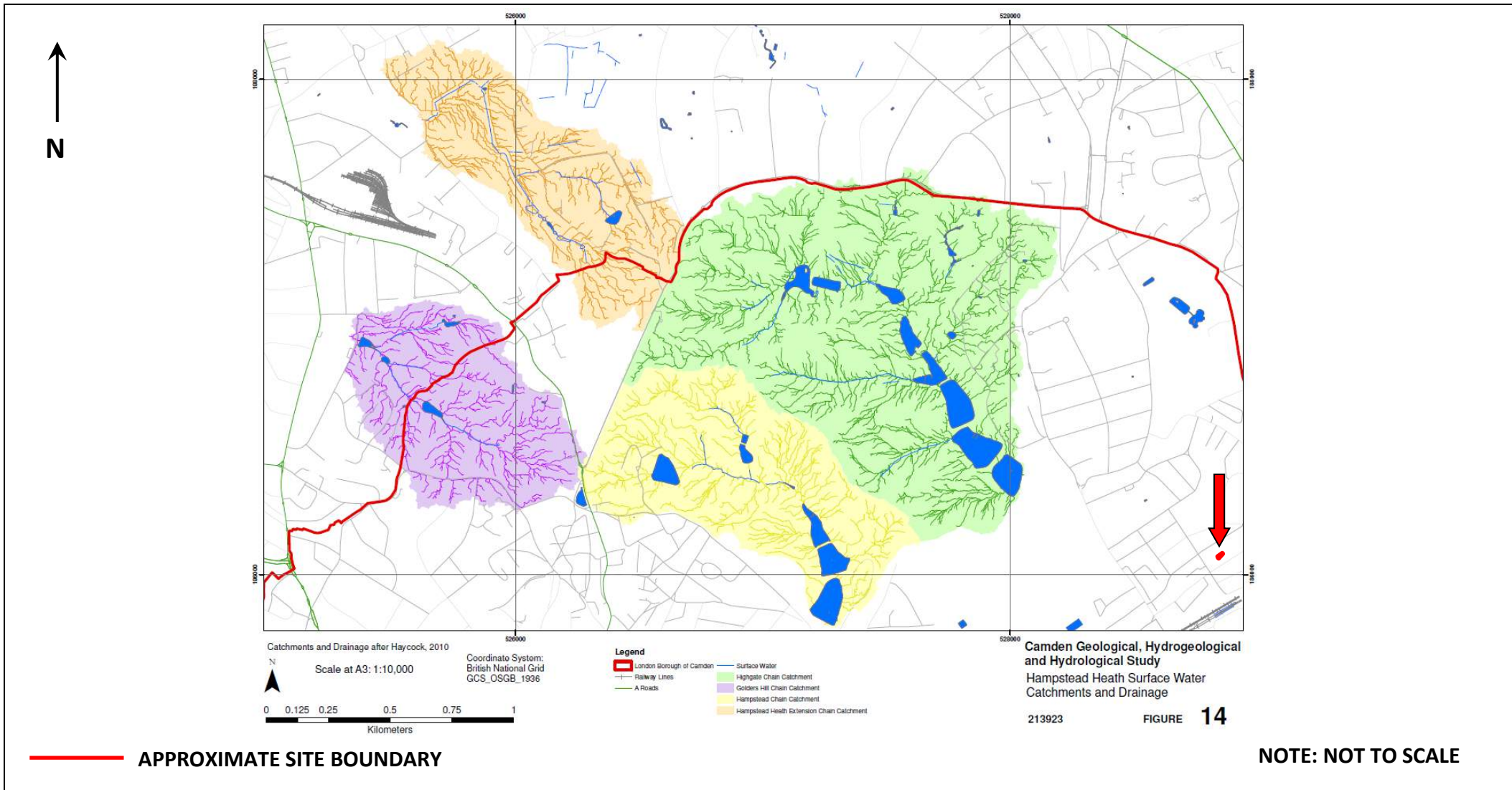
April 2018

Camden Geological, Hydrogeological and Hydrological Study -
Figure 11

Ref:

GWPR2459





Project:		1 Spencer Rise, Camden, London, NW5 1AR	
Client:	Edward Williams c/o Edward Williams Architects	Date:	April 2018
Camden Geological, Hydrogeological and Hydrological Study - Figure 14		Ref:	GWPR2459

Figure 17

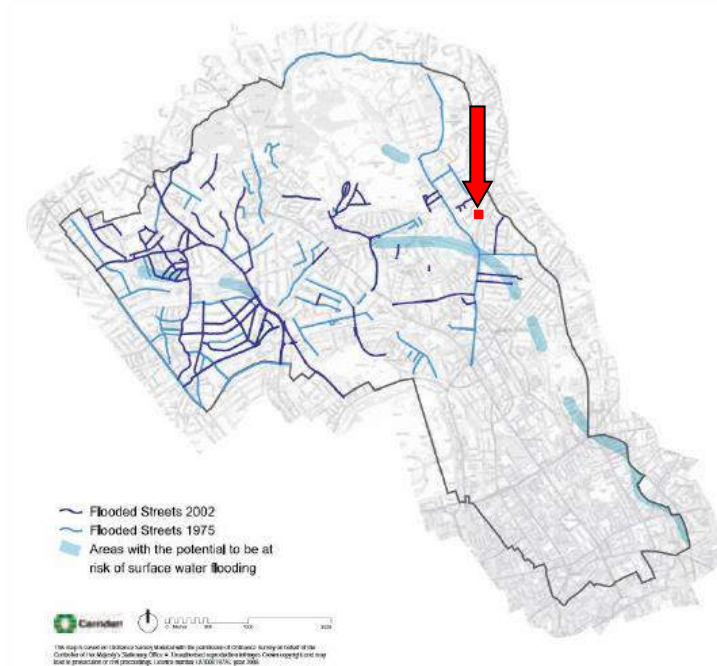


Figure 5 from Core Strategy, London Borough of Camden

Camden Geological, Hydrogeological
and Hydrological Study
Flood Map

213923

FIGURE 15

NOTE: NOT TO SCALE

— APPROXIMATE SITE BOUNDARY

Project:

1 Spencer Rise, Camden, London, NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

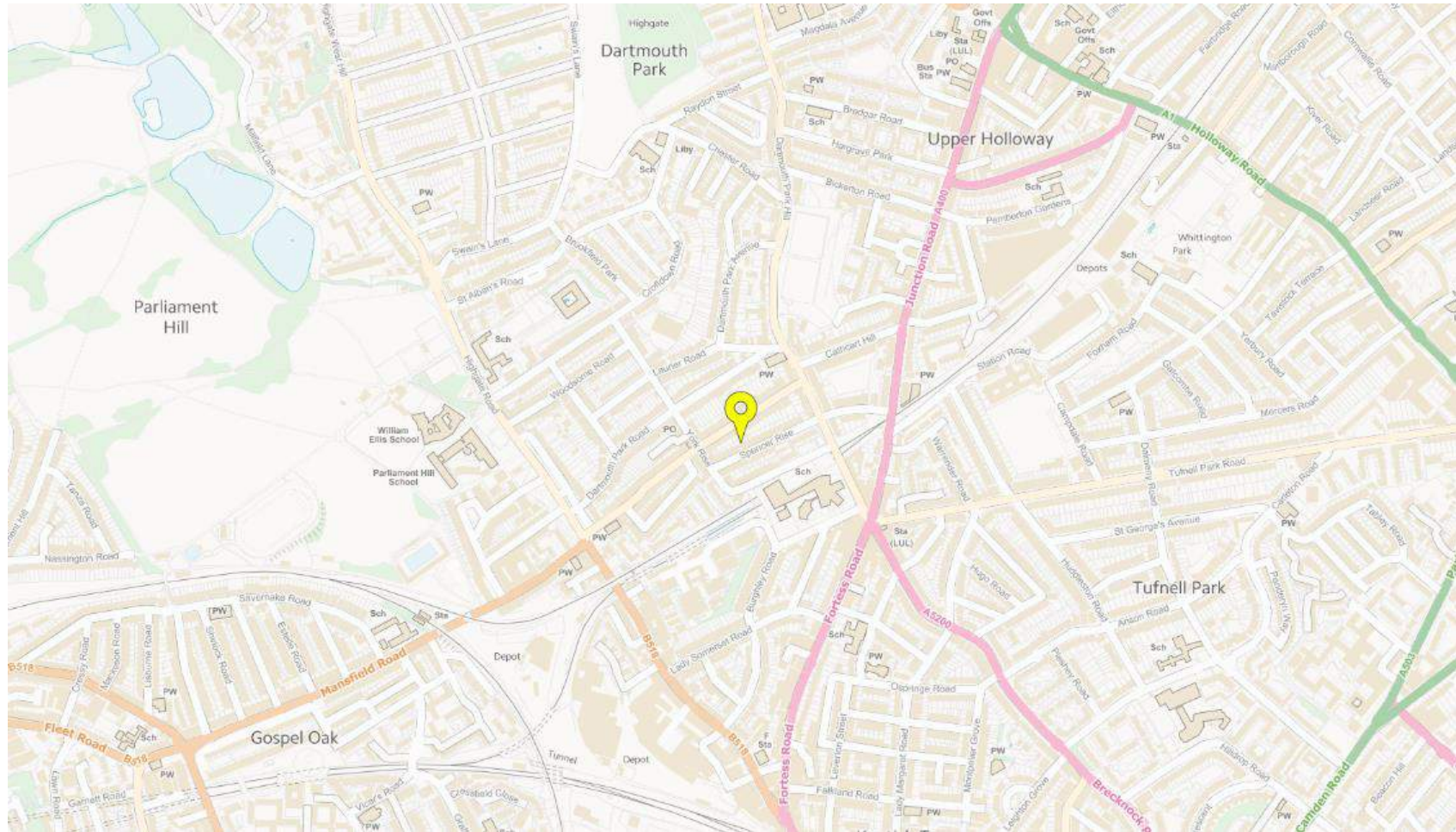
Camden Geological, Hydrogeological and Hydrological Study -
Figure 15

Ref:

GWPR2459

Figure 18

ground&water



— APPROXIMATE SITE BOUNDARY

NOTE: NOT TO SCALE

Project:

1 Spencer Rise, Camden, London, NW5 1AR

Figure 19

Client:

Edward Williams c/o Edward Williams Architects

Date:

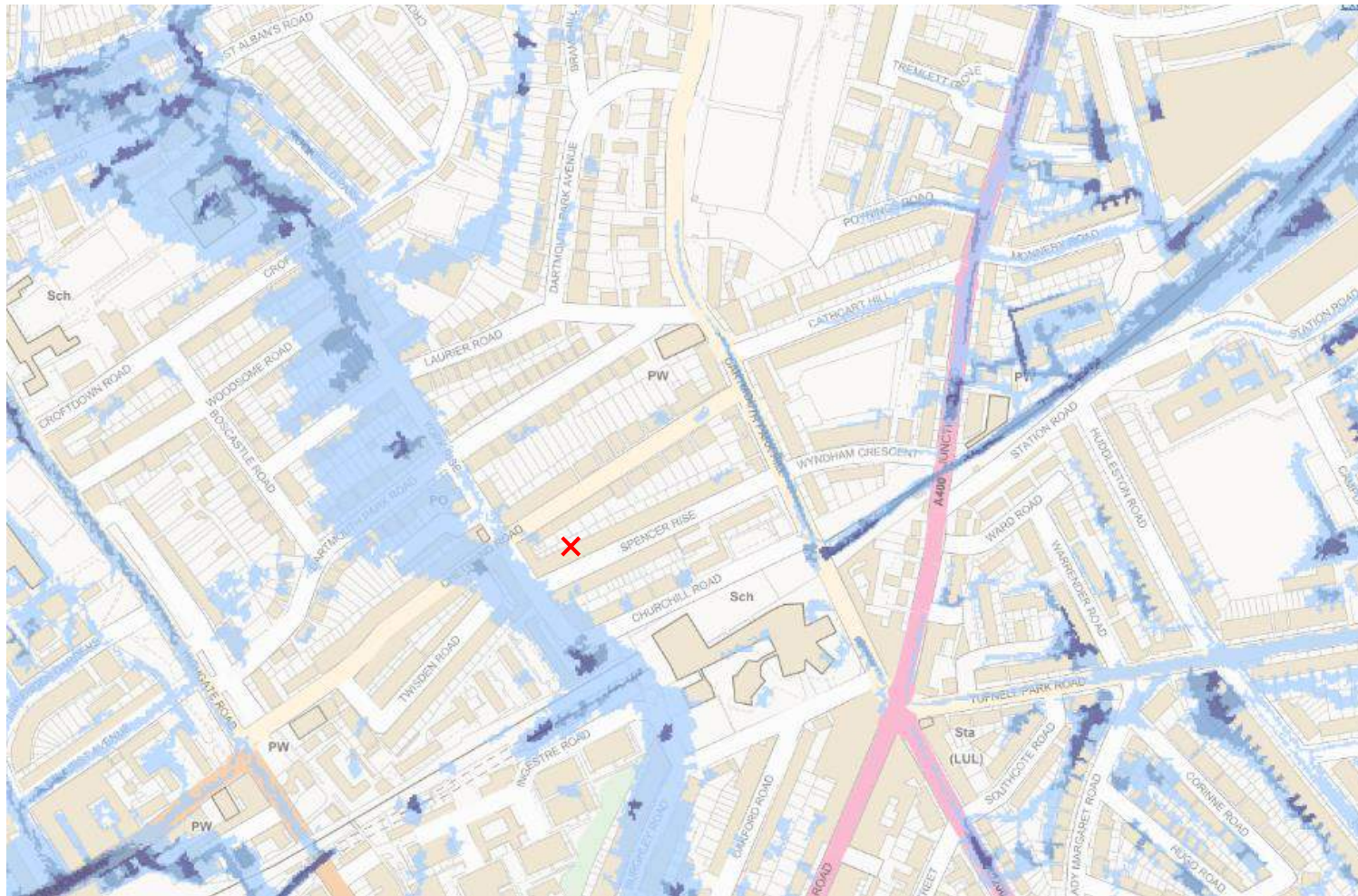
April 2018

Flood Map for Planning

Ref:

GWPR2459

ground&water



— APPROXIMATE SITE BOUNDARY

NOTE: NOT TO SCALE

Project:

1 Spencer Rise, Camden, London, NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

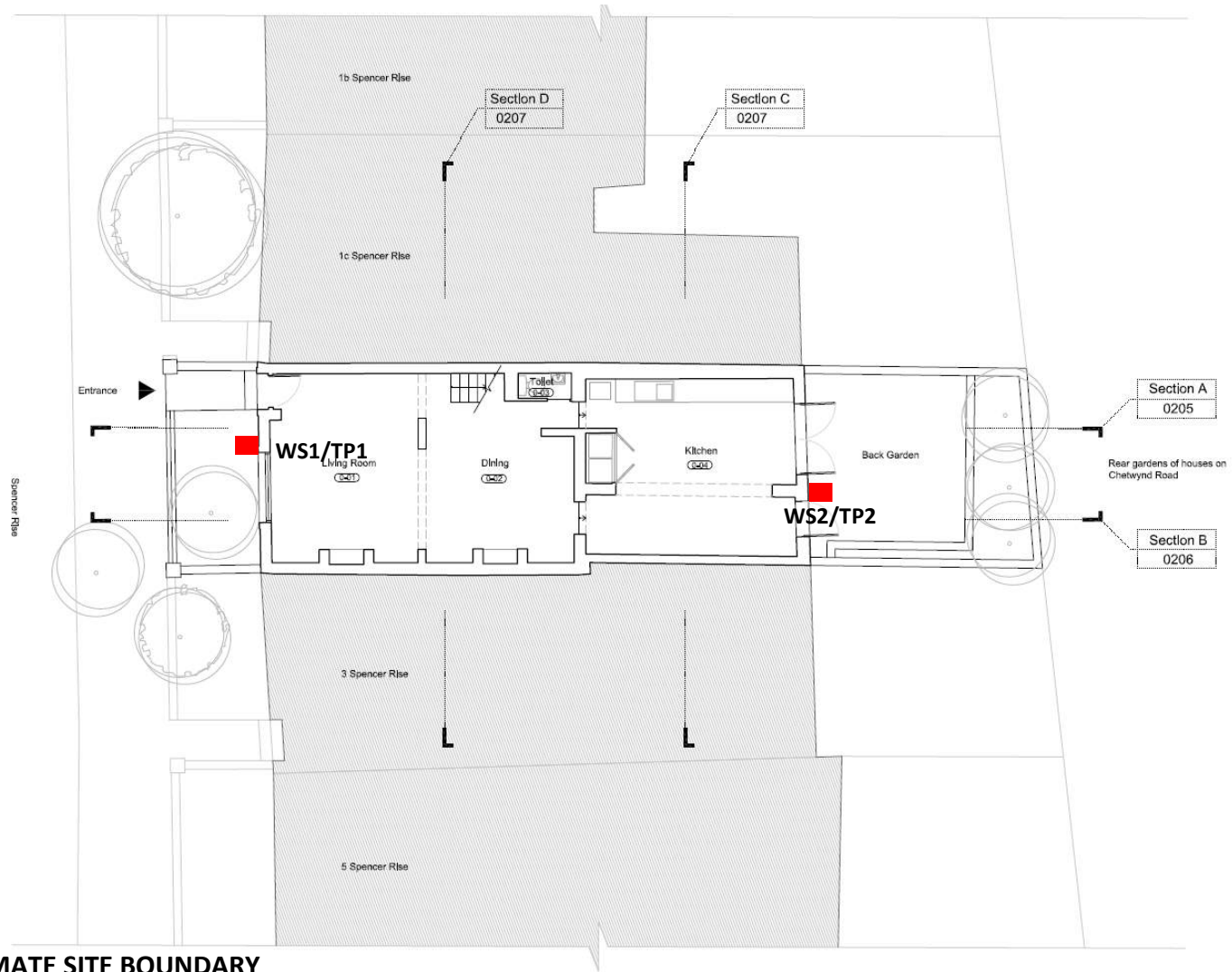
Surface Water Flooding Map

Ref:

GWPR2459

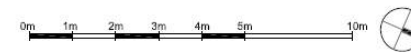
Figure 20

ground&water



APPROXIMATE SITE BOUNDARY

NOT TO SCALE



Project:

1 Spencer Drive, Camden, London NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

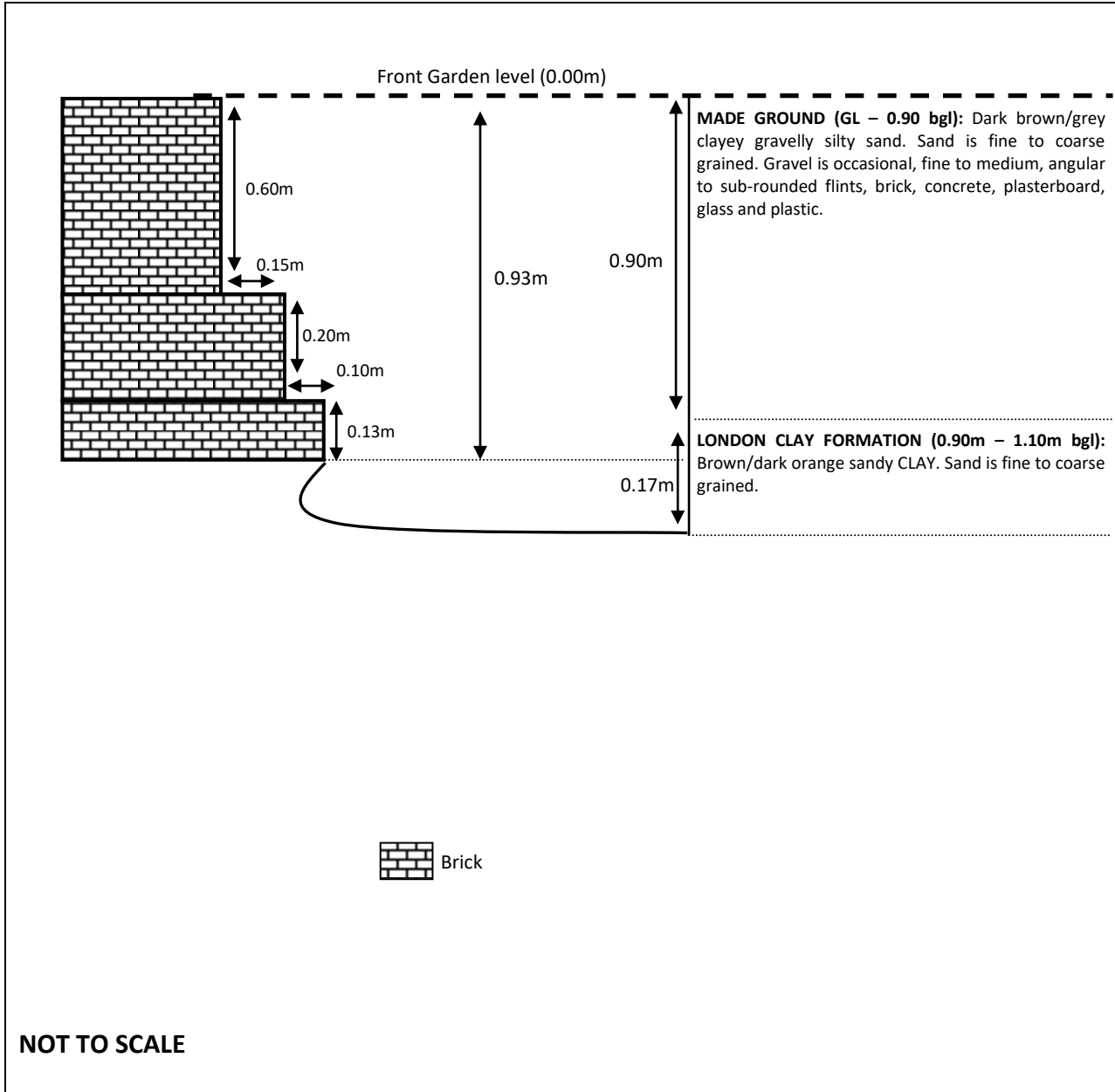
Trial Hole Location Plan

Ref:

GWPR2459

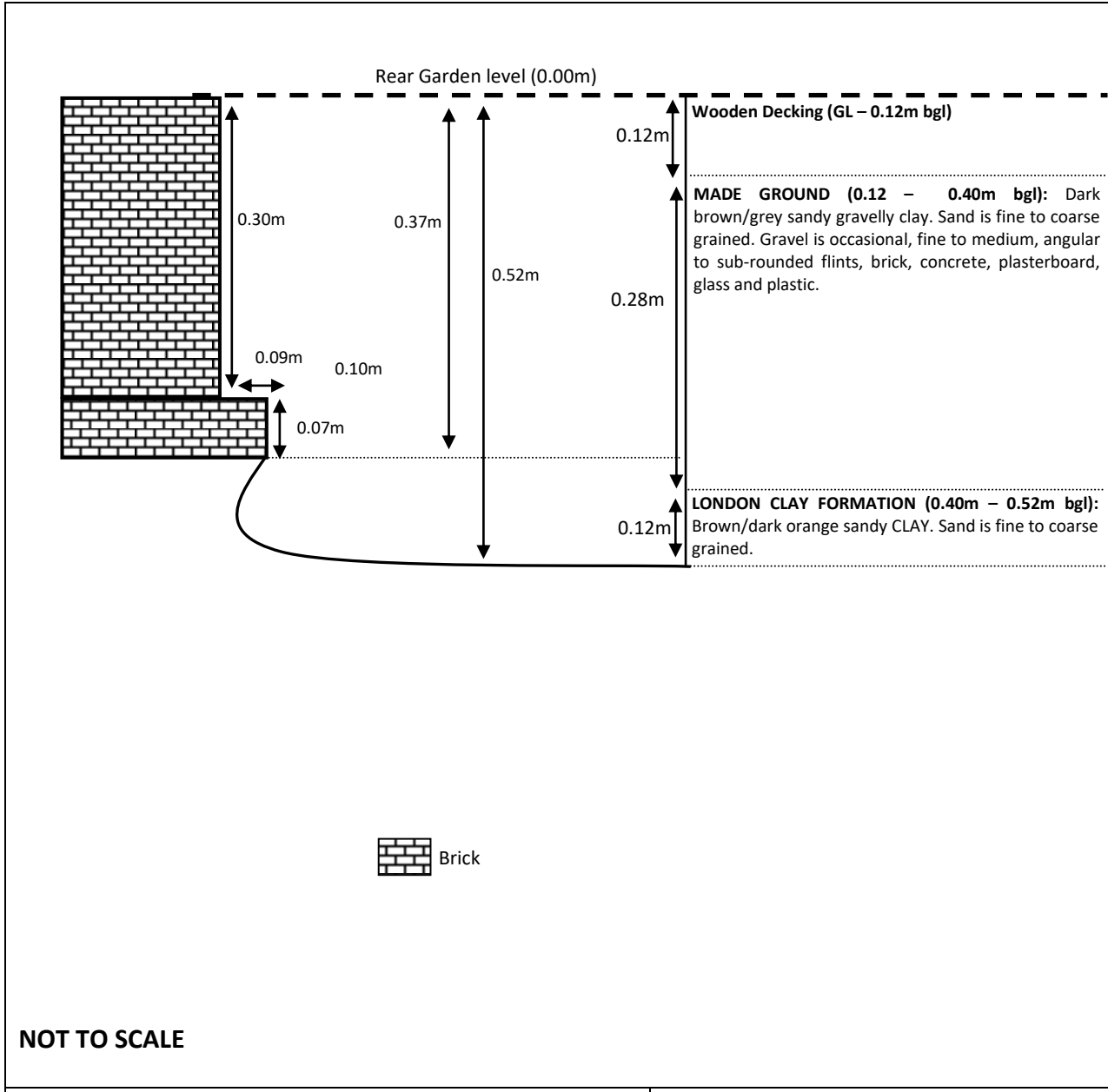
Figure 21

ground&water



Project: 1 Spencer Rise, Camden, London NW5 1AR	
Client: Edward Williams c/o Edward Williams Architects	Date: April 2018
Section Drawing: Foundation Exposure TP/FE1	Ref: GWPR2459

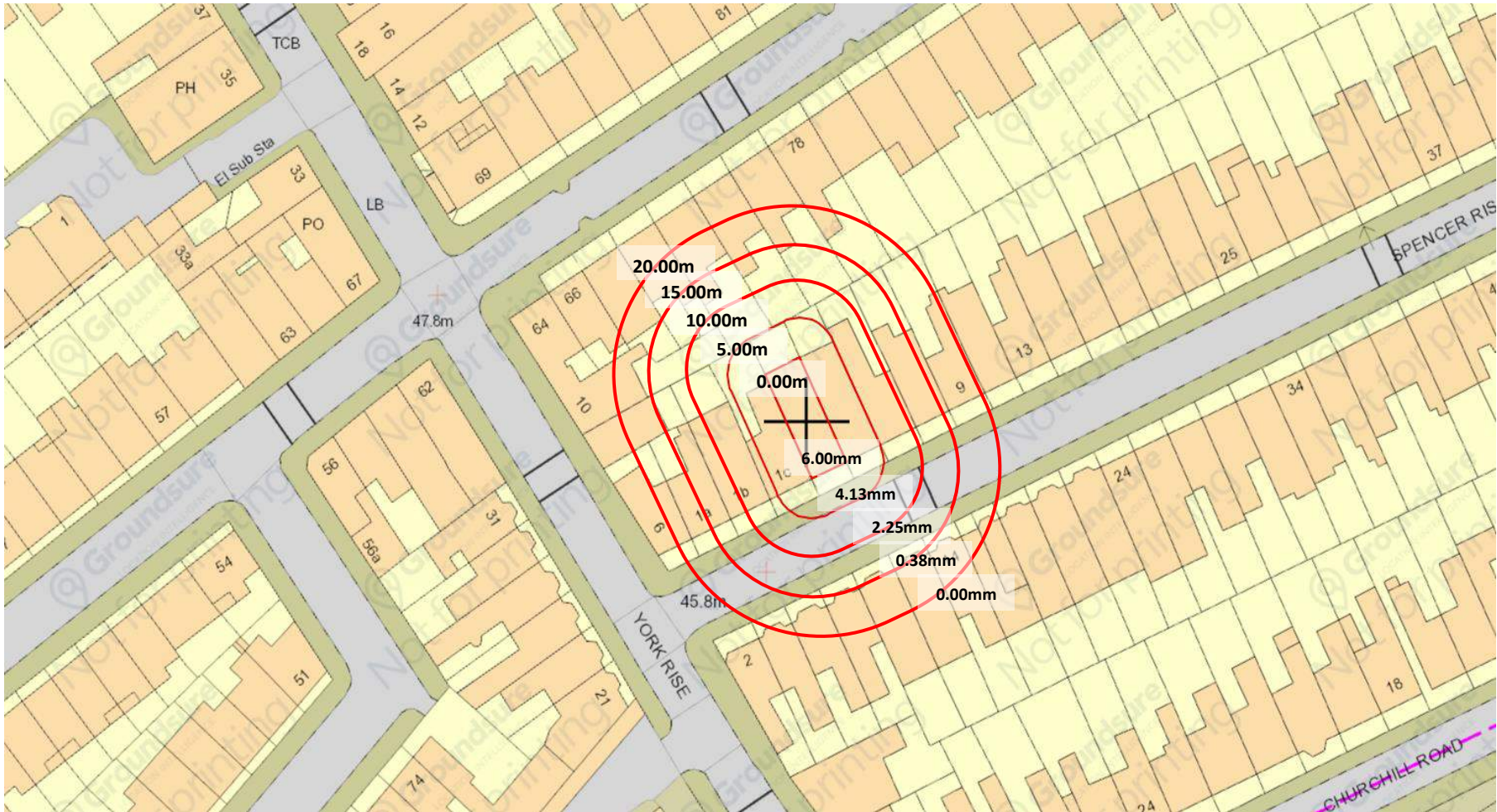
Figure 22



Project: 1 Spencer Rise, Camden, London NW5 1AR	
Client: Edward Williams c/o Edward Williams Architects	Date: April 2018
Section Drawing: Foundation Exposure TP/FE2	Ref: GWPR2459

Figure 23

ground&water



APPROXIMATE SITE BOUNDARY

NOT TO SCALE

Project:

1 Spencer Rise, Camden, London, NW5 1AR

Client:

Edward Williams c/o Edward Williams Architects

Date:

April 2018

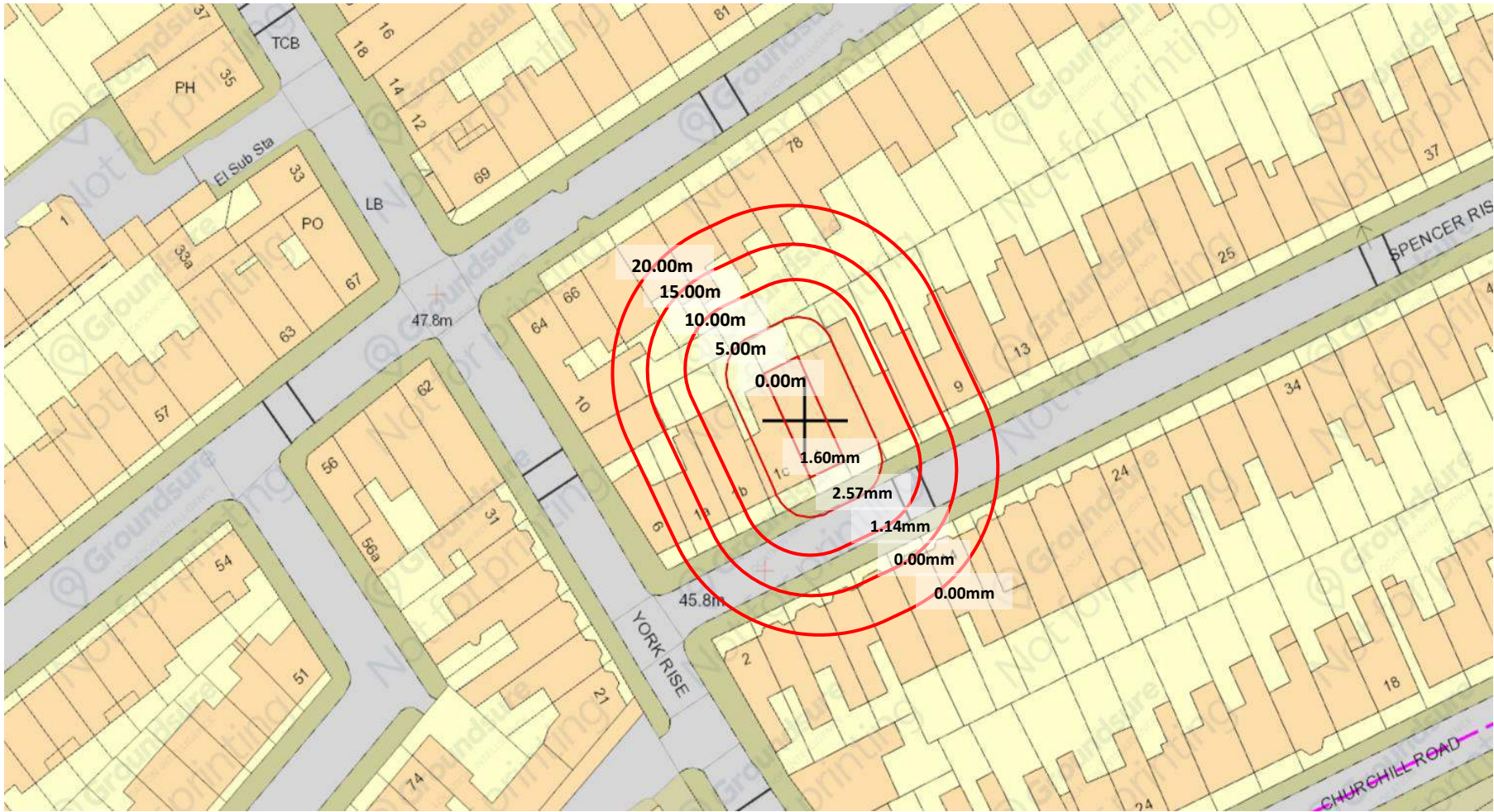
Horizontal Ground Movement Contour Plots

Ref:

GWPR2459

Figure 24

ground&water



APPROXIMATE SITE BOUNDARY

NOT TO SCALE

Project:		1 Spencer Rise, Camden, London, NW5 1AR	
Client:	Edward Williams c/o Edward Williams Architects	Date:	April 2018
Vertical Ground Movement Contour Plots		Ref:	GWPR2459

Figure 25