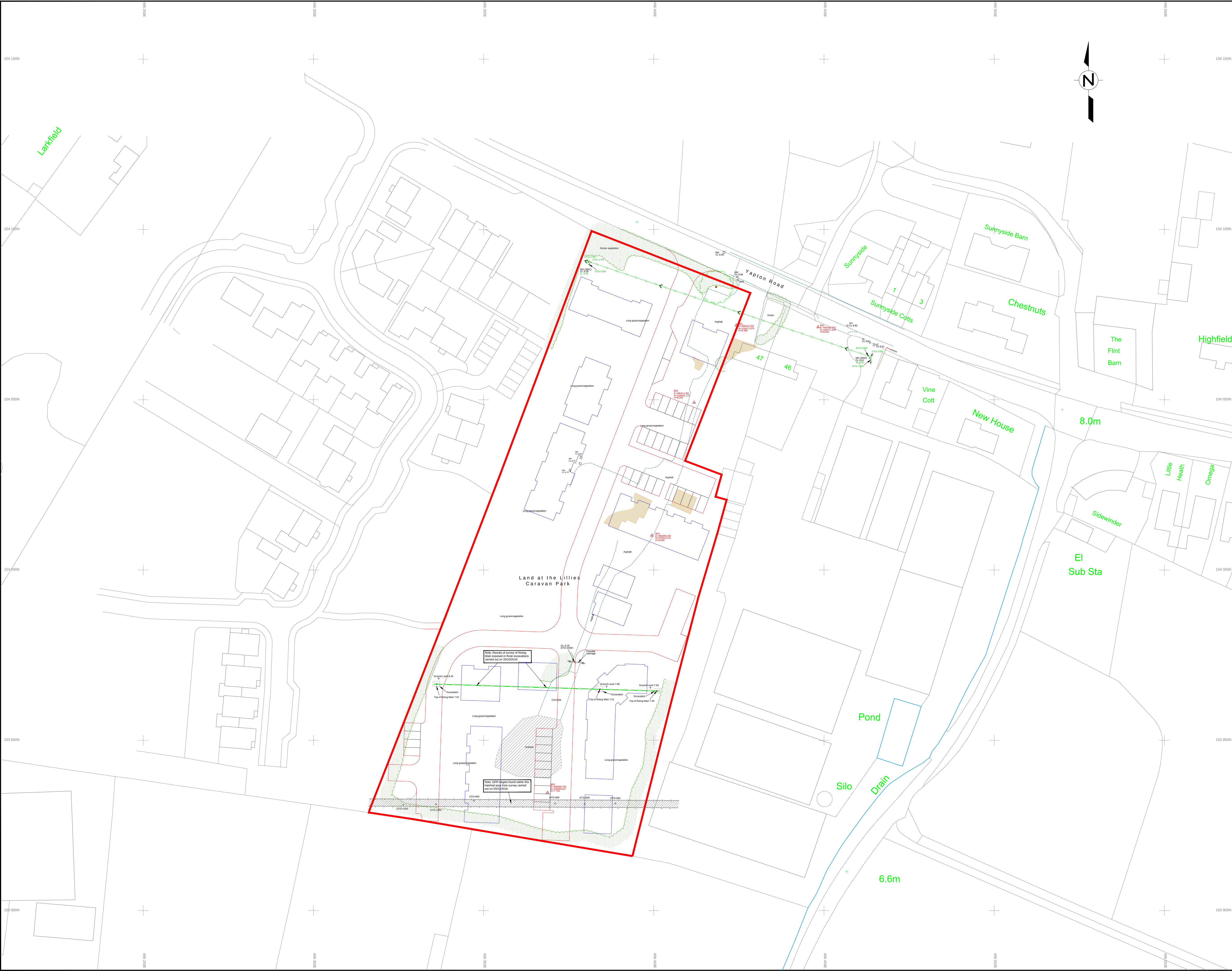




UTILITY LINETYPES

British Telecom	Gas
Cable Television	Heating Pipes
Closed Circuit Television	HV Cables
Communications	Multiple Services Route
Drainage	Oil
Drainage - Combined Water	Oxygen
Drainage - Foul Water	Street Lighting
Drainage - Storm Water	Traffic Signal Loop
Empty Duct	Unknown
Electric	Underground Cable
Fire Hydrant Main	Underground Pipeline
Fibre Optic	Water
Fuel	High Voltage Cables

Assumed Service Route - See Utility Survey Notes (Using abbreviation of service and colour as above)

UTILITY SURVEY INFORMATION

Area of Concern	Unable to Survey	U
Connected Survey Area	Unable to Lift (cover)	U
Depth to Top of Service (mm)	DTS=400	H
End of Trace	ITU	U
Previous Survey Area	Unable to Trace Further	H

Standard Note - Refer to the corresponding number located at the base of the page

General Note - Refer to the corresponding number located at the base of the page

TOPOGRAPHIC & UTILITY DETAILS

Barrier (symbol - size)	Post (symbol)	05
British Telecom IC	Rain Water Pipe (symbol)	1
Building (irregular shape)	Road Sign (symbol)	1
Cable into Ground (symbol)	Rodding Eye (symbol)	04
Cable TV Box (symbol)	Sagging (symbol)	0
CCTV Camera	Sign Post (symbol)	0
Cover Level in metres	Soak Away	50.00
Cover Level in metres	Spot Light (symbol)	50.00
Direction of Flow (Drainage)	Spot Height	50.00
Distribution Board (symbol)	Stop Valve (symbol)	50.00
Earth Rod (symbol)	Survey Station (symbol)	50.00
Electric Cabinet	Telephone Pole (symbol)	50.00
Electric Pole (symbol)	Telephone Box (symbol)	50.00
Electric Sign (symbol)	Traffic Bollard (symbol)	50.00
Embankment	Tree (dimension in metres - e.g.)	50.00
Feeder Pillar	Tree (dimension in metres - e.g.)	50.00
Fire Hydrant	Tree (dimension in metres - e.g.)	50.00
Flag Pole (symbol)	Tree (dimension in metres - e.g.)	50.00
Flat Roof Level in metres	Tree (dimension in metres - e.g.)	50.00
Flood Light (symbol)	Tree (dimension in metres - e.g.)	50.00
Gas Valve (symbol)	Tree (dimension in metres - e.g.)	50.00
Gate	Tree (dimension in metres - e.g.)	50.00
Ground Level in metres	Tree (dimension in metres - e.g.)	50.00
Gutter	Tree (dimension in metres - e.g.)	50.00
Inspection Cover	Tree (dimension in metres - e.g.)	50.00
Invert Level in metres	Tree (dimension in metres - e.g.)	50.00
Junction Box - BT	Tree (dimension in metres - e.g.)	50.00
Junction Box - Comm	Tree (dimension in metres - e.g.)	50.00
Junction Box - Elec	Tree (dimension in metres - e.g.)	50.00
Lamp Post (symbol - size)	Tree (dimension in metres - e.g.)	50.00
Light in ground (symbol)	Tree (dimension in metres - e.g.)	50.00
Manhole	Tree (dimension in metres - e.g.)	50.00
Manhole Capped Port	Tree (dimension in metres - e.g.)	50.00
Parapet Level in metres	Tree (dimension in metres - e.g.)	50.00
Pipe Diameter in millimetres	Tree (dimension in metres - e.g.)	50.00
Pipe into Ground (symbol)	Tree (dimension in metres - e.g.)	50.00

GENERAL NOTES

Utilities may continue outside of the survey area. Any point marks outside of the area are investigative purposes only and may not represent the full extent of the sub-surface utilities.

Only sub-surface utility information is provided. Above ground utility information may be shown where it assists with positional referencing.

Where logic indicates a utility exists but which cannot be positively confirmed with technology, an assumed route (ASR) is recorded. All Assumed Service Routes (ASR) have been highlighted with a background yellow colour for visual enhancement.

SUMO does not procure statutory or private source utility information as part of its data service. SUMO does not record any such information in a utility survey unless otherwise noted. Statutory plans should be consulted to supplement this survey.

Vertical & Horizontal Position - Vertical position (depth) is indicative of the top of utility/feature and is recorded as DTS (depth to top of service) and should not be taken as exact. Where depth information from the technology is indicated, depth is not shown. It may have been detected using threading and the depth indicated could be between the top and the bottom of the drain. Horizontal position is indicative to the centre of the utility/feature and should not be taken as exact.

Warning - Biodegradable paints are used to mark-out the position of the utilities. Before paint markings may become illegible depending on ground, weather and traffic conditions. Warranty is given in respect of the durability of the paint markings and that they are a correct representation of the sub-surface utilities therefore this drawing should be used as the primary reference for the survey results.

This drawing does not provide an absolute representation of the sub-surface. Utilities have been detected using non-invasive technologies only and the performance can be affected by ground, weather and site conditions outside of SUMO's control therefore all utilities may be undetectable. While SUMO uses reasonable endeavours to detect all utilities, it does not warrant that 100% detection will be achieved and that approximate depth powers of the technologies will be greater than two metres.

Sewer and manhole details shown on this drawing have been obtained by observation measurement from the surface and as such cannot be guaranteed. Where precise details will be critical to the project design SUMO would recommend that entry into the chamber be undertaken using a specialist team, appropriately qualified for confined space entry. The team can be supplied on request.

Irrespective of the information provided by a utility survey and statutory plans, excavation work should be undertaken with extreme caution and in accordance with HSE Guidelines - HS647 Avoiding Danger from Underground Services

B	Survey of position of Rising Main exposed in three excavations (Job No. SOR010464)	PC	20/10/16
A	Additional details added following re-visit to site on 03/10/2016. Drawing scale changed to 1:500	PC	05/11/16
Rev	Notes	Drawn	Dat

Notes:

Survey is referenced to OS Grid and Level Datum.

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Title: Utilities & Topographical Details

Client: Quanta Homes

Project: Land at the Lillies, Yapton Road, Barnham

Date Completed:	20 October 2016	Post Code:	PO22 0AP
Surveyed:	TD, PC	Scale:	1/500 (A1 Sheet)
Drawn:	PC		
Checked:	SF		

Dwg No: Sheet 01

Job No:	SOR010016 & SOR010464	Revised:	
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