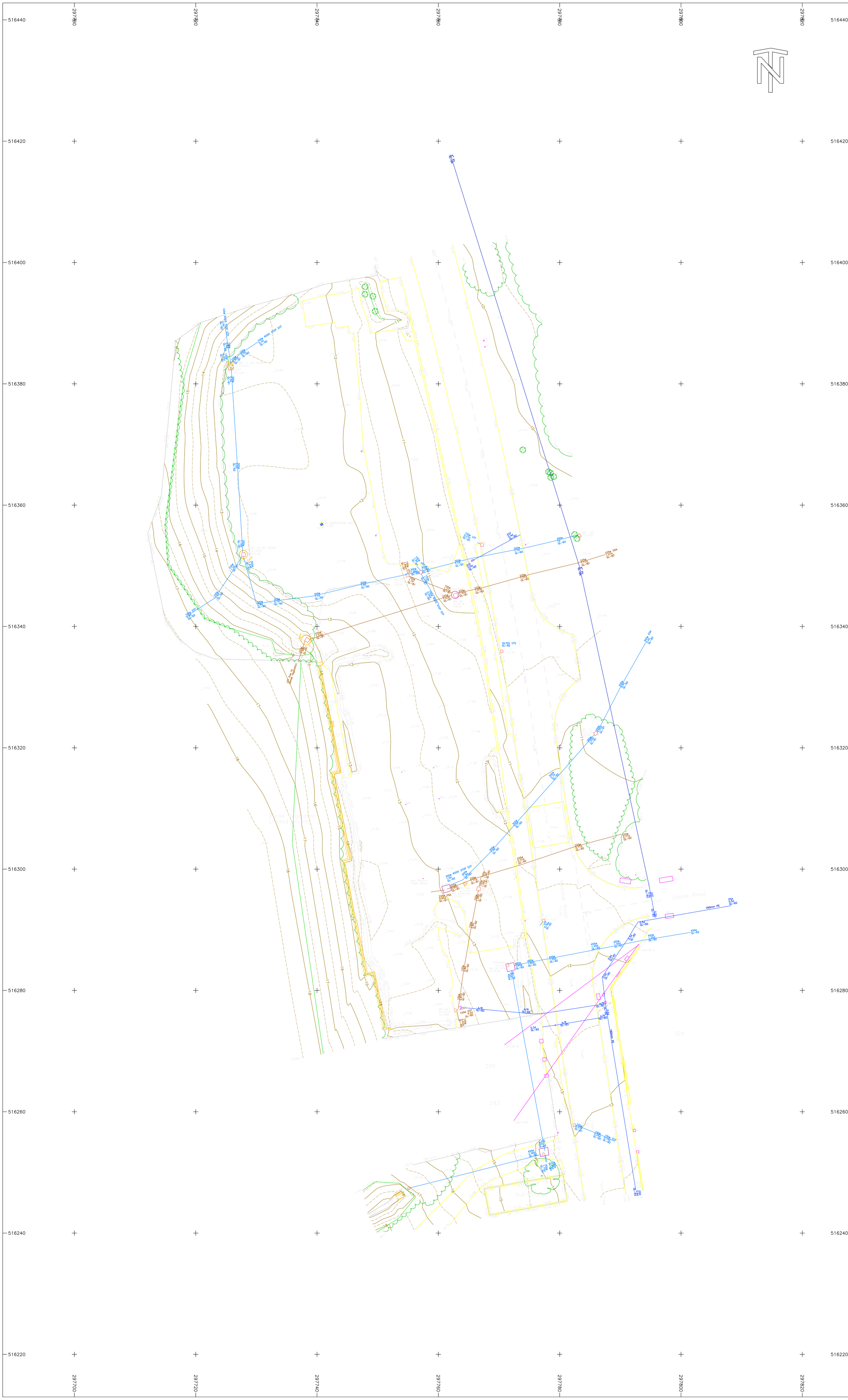

ABBREVIATIONS

GENERAL SURVEY

BH	Borehole
CntL	Cateneary Level
CB	Control Box
CBF	Close Boarded Fence
CLF	Chain Link Fence
Conc	Concrete
CplL	Coping Level
IRF	Iron Railing Fence
LP	Lamp Post
Mkr	Marker Post
OHT	Overhead Telecom
P	Post
PRF	Post & Rail Fence
Pvg	Paving
RS	Road Sign
RSP	Road Sign Post
Sap	Sapling
SB	Sign Board
StL	Structure Top Level
TP	Telephone Post

Slope Top
Slope Bottom

UTILITY SURVEY

R	Taken From Records
4W	4 Way Duct
A/R	Assumed Route
C/R	Cable Riser
CL	Cover Level
d	Depth of Service (approx)
EOT	End of Trace
FH	Fire Hydrant
G	Gully
IL	Invert Level
IP	Inlet Pipe
MH	Manhole
ø	Diameter
OSA	Outside Survey Area
PE	Polyethylene
ST	Stop Tap
TEL	Telephone Cover
UTL	Unable to Lift
UTM	Unable to Measure
UTS	Unable to Survey
UTT	Unable to Trace
WM	Water Meter

UTILITY SURVEY LINE TYPES

Abandoned Water	Records - Abandoned Water
Backwash Water	Records - Backwash Water
Cable Television	Records - Cable Television
Chemical Pipeline	Records - Cable Unknown
Combined Sewer	Records - Chemical Pipeline
Electric Cable	Records - Combined Sewer
HV Electric Cable	Records - Electric Cable
LV Electric Cable	Records - HV Electric Cable
Fibre-Optic Cable	Records - LV Electric Cable
Foul Water Sewer	Records - Fibre-Optic Cable
Fuel Pipeline	Records - Foul Water Sewer
Gas Pipeline	Records - Fuel Pipeline
HP Gas Pipeline	Records - Gas Pipeline
IP Gas Pipeline	Records - HP Gas Pipeline
MP Gas Pipeline	Records - IP Gas Pipeline
LP Gas Pipeline	Records - MP Gas Pipeline
Raw Water Pipeline	Records - LP Gas Pipeline
Storm Overflow	Records - Pipeline Unknown
Surface Water Drainage	Records - Raw Water Pipeline
Telecom Cable(s)	Records - Storm Overflow
Telemetry Cable(s)	Records - Surface Water Drainage
Unknown Cable/Pipe	Records - Telecom Cable(s)
Water Pipe	Records - Telemetry Cable(s)
	Records - Water

Quality level of survey outputs (normative)				
Survey type		Quality level	Location accuracy	
			Horizontal	Vertical
D	Desktop utility records search	QL-D	Undefined	Undefined
C	Site reconnaissance	QL-C	Undefined	Undefined
B	Detection	QL-B4	Undefined	Undefined
		QL-B3	+/- 500mm	Undefined (No reliable depth measurement possible)
		QL-B3P		
		QL-B2	+/- 250mm or +/- 40% of detected depth whichever is greater	+/- 40% of detected depth
		QL-B2P		
		QL-B1	+/- 150mm or +/- 15% of detected depth whichever is greater	+/- 15% of detected depth
		QL-B1P		
A	Verification	QL-A	+/- 50mm	+/- 25mm

CAUTIONARY NOTES

Electro-detection techniques have been used in the location of underground services. The results are not infallible and trial excavations must be carried out to confirm service identification, positions and particularly depths. Although all reasonable effort has been made in searching available record drawings, the completeness of the underground service information cannot be guaranteed.

Any excavations undertaken on site are to be in accordance with HSG (47) Avoiding Danger From Underground Services.

Notes:
1. Plan grid and levels are related to Ordnance Survey National Grid (OSGB36) and Ordnance Datum Newlyn (ODN) by observations to the OS Net.
2. Drawing should be read in conjunction with the survey report 3508_U1_A.
3. For plot scale of 1:200 plot to A0 layout.
4. Measurements on drains and sewers on 3508P01_A.dwg are to the crown of the pipe, unless prefixed with IL.
5. Measurements on drains and sewers on manhole cards are to the invert of the pipe.
6. Measurements on non-metallic pipes are to the crown of the pipe.
7. Measurements on cables and metallic pipes are to the centre of the magnetic field.

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RICS

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revisions

rev	amendment	date	checked
A	Topographical survey update	26/02/19	EB

client
Home Group

project
Meadow Road
Whitehaven

title
Topographic & Utility Survey
Sheet 1 of 1

surveyed by	date		checked
AK/AM	February/March 2018		JB
drawn by	date		checked
EB	March 2018		ADM
dwg no	cad file	scale	rev
3508-P-01	3508P01_A.dwg	1:200	A