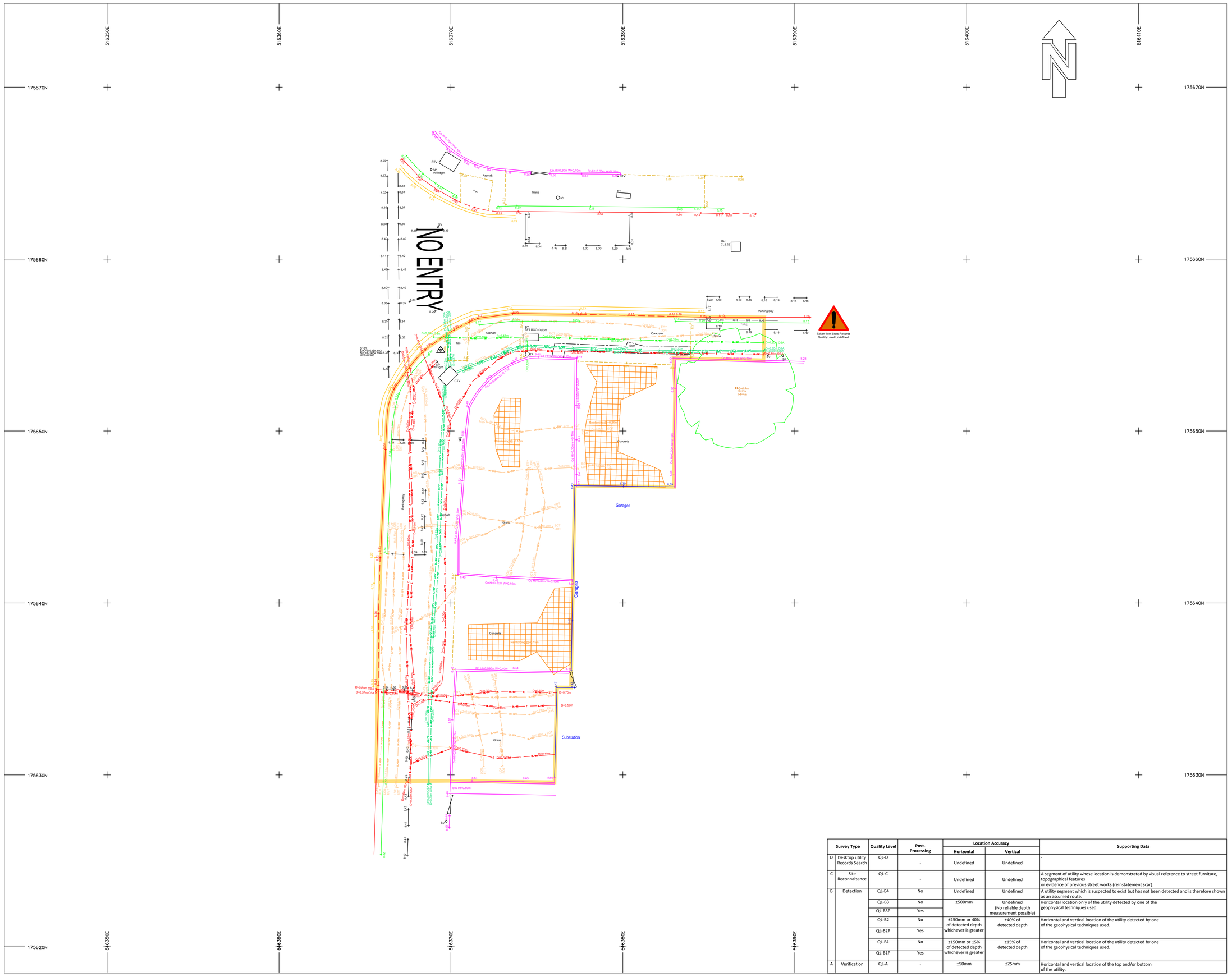

SHEET LAYOUT

UTILITY LEGEND

- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Overhead Electricity
- Traffic Light System
- Gas
- Water
- Telecommunications
- Cable Television
- Close Circuit Television
- British Telecom
- Overhead Telecom
- Fibre Optics
- Unknown
- Unknown Route Located By GPR Ducting
- Transport for London
- GPR Image Position
- GPR Ground Anomaly
- GPR Geological Movement
- GPR Reinforcement
- GPR Underground Structure
- GPR Underground Void
- Survey Extents
- Photo Position

*** Please Note:**
Utility routes shown in dark grey & with line type (/) are from existing records.
Example:

ABBREVIATIONS

AC	Asbestos Cement	FO	Fibre Optic Cover	SA	Survey Abandoned
ACU	Air Conditioning Unit	FS	Flag Staff	SAA	Soakaway
AD	Assumed Direction	G	Gully	SAB	Safety Barrier
AR	Assumed Route	GPRI	Ground Penetrating Radar Inconclusive	SC	Speed Camera
AV	Air Valve			SAF	Safety Fence
BB	Belisha Beacon	GrL	Ground Light	SI	Spun Iron
BD	Back Drop	GV	Gas Valve	SL	Soffit Level
BdL	Bed Level	H/R	Hand Rail	SLL	Street Lighting (Electric)
BH	Borehole	HV	High Voltage	SP	Sign Post
BI	Brick	IC	Inspection Cover	SPT	Spring
BL	Basement Light	IL	Invert Level	SR	Stone Rubings
BO	Bollard	I/R	Iron Rail Fence	SS	Sonde Stops
BOC	Bottom of Chamber	KO	Kerb Outlet	ST	Stop Tap
BR	Brick	LB	Letter Box	STS	Structural Support
BS	Bus Stop	LC	Lighting Column	Stn	Survey Station
BT	British Telecom Cover	LH	Lamp Hole	SV	Sluice Valve
BTB	British Telecom Box	LOR	Loss Of Reflection	SVP	Soil Vent Pipe
BW	Brick Wall	LOS	Loss Of Signal	SW	Stone Wall
B/W	Barbed Wire Fence	MB	Mooring Bollard	Tac	Tactile Paving
Cam	Camera	M/C	Multiple Cables	TBM	Temporary Bench Mark
CAT	Catenary Level	MH	Manhole Cover	TC	Telecom Cover
C/B	Close Boarded Fence	Mkr	Marker Post	TCB	Telephone Call Box
CC	Control Cabinet	MP	Mile Post/Stone	TCP	Telephone Call Post
CCTV	Close Circuit TV	NFI	No Further Information	TJF	Temporary Fence
CH	Chainage	NM	Node Marker	TFR	Taken From Records
ChL	Channel Level	NP	Name Plate	TH	Trial Hole / Pit
CI	Cast Iron	NPV	No Pipes Visible	ThL	Threshold Level
C/I	Corrugated Iron Fence	OSA	Off Survey Area	Tk	Tank
CL	Cover Level	P	Post	TOS	Top of Silt
C/L	Chain Link Fence	PBM	Permanent Bench Mark	TOW	Top Of Wall
CO	Concrete	PE	Polyethylene	TP	Telegraph Pole
CP	Catch Pit	PGM	Permanent Ground Marker	TS	Traffic Signals
CpL	Coping Level			TSC	Traffic Signals Cover
CTV	Cable TV	PL	Plastic	U/S	Upstream
CUL	Culvert	P/L	Palisade Fence	UTGA	Unable to Gain Access
CW	Concrete Wall	PM	Parking Meter	UTL	Unable to Locate
DI	Ductile Iron	P/R	Post and Rail Fence	UTR	Unable to Raise
dil	Dilapidated	PS	Poor Signal	UTS	Unable to Survey
DIS	Disused	Pump	Pump	UTT	Unable to Trace
DS	Downstream	PVC	Polyvinylchloride	VC	Vitrified Clay
DSW	Dry Stone Wall	P/W	Post and Wire Fence	VDP	Vehicle Detector Pad
EB	Electricity Box	PWR	Pylon	VP	Vent Pipe
EC	Electricity Cover	PY	Pedometer	VR	Vehicle Recovery
ED	Empty Duct	R	Radio	VTP	Vertical Pipe
E/F	Electric Fence	RE	Rodding Eye	W	Water Cover
EFP	Electricity Feeder Pillar	RI	Riser	WL	Water Level
EOT	End of Trace	RL	Roof Level	WM	Water Meter
EP	Electricity Pole	RP	Reflector Post	W/M	Wire Mesh Fence
ER	Earth Rod	RS	Road Sign	WO	Wash Out
FC	Fuel Cover	RWP	Rain Water Pipe	WS	Window Sample
FFL	Finished Floor Level	R/W	Retaining Wall	WV	Wheel Valve
FH	Fire Hydrant	S	Stump		

DISCLAIMER

Unless otherwise stated, all services shown on this plan have been surveyed using approved detectors and the connections between manholes, if not traced, are assumed to be direct.
No guarantee can be given that all services have been shown.
In ideal conditions the depth accuracies for the underground utilities located is +/- 10% of depth.
Where services are shown as 'Taken From Records' on the drawing we are not liable for any loss that may arise due to a lack of accuracy in that guided information.
Due to BT's policy we are not permitted to lift their inspection chamber covers.
Reference should be made to the methodology used on site as detailed within the latest version of 40SEVEN's Site Procedures for Utility Location Surveys.
Excavations in the vicinity of services shown are to be carried out with due diligence (Ref: HS(G)47.)
The following text* is an extract from Surveys of Land, Buildings and Utility Surveys at scales of 1:500 and Larger issued by the Royal Institute of Chartered Surveyors February 1996.
*"Electronic tracing is a reliable method of locating buried services. On heavy, built up sites 85% completeness is probably all that can be expected.
*"Plan accuracies of the order of + or - 150mm may be achieved but this figure will depend on the depth of the service below ground level. Where similar services run in close proximity, separation may be impossible. Successful tracing of non-metallic pipes may be limited.
*"Existing record information showing underground services is often incomplete and of doubtful accuracy. It should be regarded only as an indication and cannot be guaranteed.

NOTES

Base plan provided by client. Read in conjunction with existing records.
Utility routes and text shown in dark grey are from existing records.
Drainage routes with a pipe diameter of 300mm or greater are shown as the pipe width along with continuous line style.
For copies contact 40SEVEN.
Services plotted outside survey extents should not be considered to be exhaustive.

REV.	DETAILS	BY	DATE

GRID	DATUM
ORDNANCE SURVEY RELATED TO THE OS ACTIVE STATIONS BY GPS OBSERVATIONS	ORDNANCE SURVEY RELATED TO THE OS ACTIVE STATIONS BY GPS OBSERVATIONS

40SEVEN

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PROJECT TITLE:
LONDON BOROUGH OF HOUNSLOW SURVEYS
TOPOGRAPHICAL & UTILITY MAPPING SURVEY

DRAWING TITLE:
LONDON BOROUGH OF HOUNSLOW SURVEYS
MAGDALA ROAD (WEST)

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SF/PW/EF/CG	NC	LP

SCALE:	SURVEY DATE:
1:100 @ A1	04/2019

DRAWING NUMBER:
1716_Site Magdala Road West_P

SHEET NUMBER:	REV:
1 of 1 A1	

Survey Type		Quality Level	Post-Processing	Location Accuracy		Supporting Data
				Horizontal	Vertical	
D	Desktop utility Records Search	QL-D	-	Undefined	Undefined	-
C	Site Reconnaisance	QL-C	-	Undefined	Undefined	A segment of utility whose location is demonstrated by visual reference to street furniture, topographical features or evidence of previous street works (reinstatement scar).
B	Detection	QL-B4	No	Undefined	Undefined	A utility segment which is suspected to exist but has not been detected and is therefore shown as an assumed route.
		QL-B3	No	±500mm	Undefined (No reliable depth measurement possible)	Horizontal location only of the utility detected by one of the geophysical techniques used.
		QL-B3P	Yes			
		QL-B2	No	±250mm or 40% of detected depth whichever is greater	±40% of detected depth	Horizontal and vertical location of the utility detected by one of the geophysical techniques used.
		QL-B2P	Yes			
		QL-B1	No	±150mm or 15% of detected depth whichever is greater	±15% of detected depth	Horizontal and vertical location of the utility detected by one of the geophysical techniques used.
		QL-B1P	Yes			
A	Verification	QL-A	-	±50mm	±25mm	Horizontal and vertical location of the top and/or bottom of the utility.