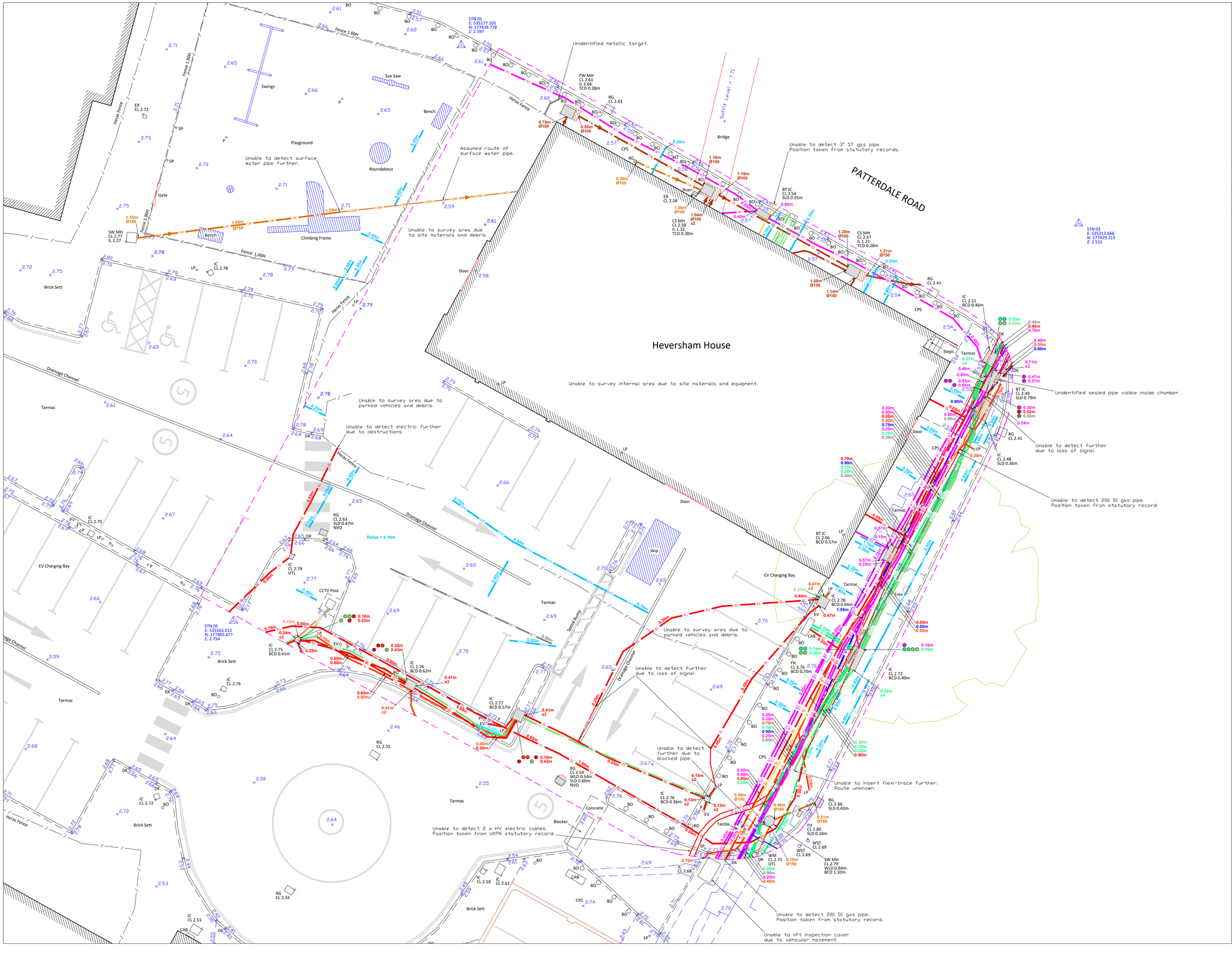

NOTES

A variety of detection technologies were used to produce the underground information recorded for this non-invasive survey. Variations in ground conditions, depth and density of services and signal interference from surrounding features can affect the accuracy of these technologies, therefore 100% detection and accuracy cannot be guaranteed.

All utility/service depths are in metres and are taken to the top of utility/service unless otherwise stated.

All pipe/duct sizes are in millimetres unless otherwise stated.
Pipe sizes are shown from visual inspection or taken from statutory information.

All dimensions measured by tape at manholes and inspection covers are determined from ground level due to non-entry of chambers, therefore these should be treated as indicative only.

Underground services shown on this drawing are illustrated by a single service line. This single service line may actually represent multiple cables and/or ducts.

An anomalous feature is an unidentified subsurface area evident within the radar data that differs in response to its surrounding area. Examples of anomalous features include voiding, heavily saturated ground, buried tanks and demolished building foundations.

Topographical survey control is to OSGB36(15) datum by GPS (as recorded at the time of acquisition) and the project rotated to North, all subsequent data acquired does not have a scalefactor applied and therefore is based on a flat earth scenario.

Availability of Statutory Records

Utility/Service Type	Record Provided	Record Owner
BT	Yes	Openreach
Electricity	Yes	UKPN
Gas	Yes	SGN
Oil/Fuel		
Sewer	Yes	Thames Water
Telecom	Yes	Virgin Media
Water	Yes	Thames Water
Other	-	-

ABBREVIATIONS

AV	Air Valve	IRS	Illuminated Road Sign
BB	Bellsha Beacon	LP	Lamp Post
BCD	Bottom of Chamber Depth	MH	Manhole
BH	Borehole	MKR	Marker
BM	Bench Mark	MW	Monitoring Well
BO	Bollard	P	Post
BS	Bus Stop	PB	Post Box
BT	British Telecom Cover	PE	Polyethylene
CAB	Cabinet	RE	Rodding Eye
CATV	Cable Television Cover	RG	Rain Gully
CCTV	Closed Circuit TV	RS	Road Sign
CI	Cast Iron	SI	Spun Iron
CL	Cover Level	SLD	Silt Level Depth
CS	Combined Sewer	SP	Sign Post
DI	Ductile Iron	ST	Steel
DIA	Diameter	STN	Survey Station
DP	Down Pipe	SV	Stop Valve
EJB	Electricity Junction Box	SW	Surface Water
EP	Electricity Pole	TCB	Telephone Call Box
ER	Earth Rod	TCD	Top of Chamber Depth
FB	Flower Bed	TL	Traffic Light
FH	Fire Hydrant	TLCB	Traffic Light Control Box
FL	Flood Light	TP	Telegraph Pole
FW	Foul Water	UTL	Unable To Lift
FWP	Foul Water Pipe	VC	Vitrified Clay
GM	Gas Meter	VP	Vent Pipe
GP	Gas Pipe	WLD	Water Level Depth
GV	Gas Valve	WM	Water Meter
IC	Inspection Cover	WSC	Water Stop Cock
ID	Invert Depth	WSV	Water Stop Valve
IL	Invert Level	WWO	Water Wash Out

LINE-TYPE KEY

EL	Electricity
SL	Street Lighting
W	Water
GAS	Gas
BT	British Telecom
TEL	Unknown Telecom
VM	Virgin Media
FO	Fibre Optic
TS	Traffic Control Signalling
CCTV	CCTV
DUCT	Empty Duct
EAR	Earth
SW	Surface Water
FW	Foul Water
CS	Combined Sewer
O/F	Oil/Fuel Pipe
PIPE	Unknown Pipe
CBL	Unknown Cable
MET	Metallic Target
GPR	Radar Target
POS	Possible Target
ASMD (Colour indicates service type)	Assumed
STAT (Colour indicates service type)	Statutory Records
	Scan Area
	Unable to GPR Area
	Kerb
	Fence
	Wall
	Building
	Surface Scar
	Change of Surface
	Building
	Extents of Chamber
	GPR Detected Anomalous Area
	GPR Detected Reinforcing
	Area of Obstruction
	Electrical Interference

CLIENT:

SITE:

PROJECT REF:

DRAWN:	DATE:
CHECKED:	SHEET NO:
SCALE:	REV:

Pulse mapping

PULSE MAPPING LTD
THE BOTHY, ALBURY PARK
GUILDFORD
SURREY, GU5 9BH

T: 01483 527 972
E: pulse@pulse-mapping.com
W: www.pulse-mapping.com

Metres 1:100

0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0