

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.

Flow areas are from visual inspection of latest 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 in an unidentified subsurface area evident within the radar data may occur in response to its surrounding area. Examples of anomalous features include voiding, heavily saturated ground, buried tanks and demolished building foundations.

Pulse Mapping has overlaid the results of this underground utility survey on to a topographical survey provided by the client. We cannot accept liability for any errors/misstatements contained within this topographical survey.

The utility survey was carried out in accordance to PAS128:2022 Type B M2 M3. For quality levels please refer to the specification.

All depths measured by tape at accessible chambers are to Q.L.

Availability of Statutory Records

Utility/Service Type	Record Provided	Record Owner
Electricity	Yes	Openreach
Gas	Yes	UKPN
Water	Yes	UKPN
Drainage	Yes	Thames Water
Telecom	Yes	Virgin Media
Other	Yes	Alinity Water

SHEET LAYOUT

ABBREVIATIONS

AV	Air Valve	IRS	Illuminated Road Sign
BP	Bottle Beacon	LP	Lamp Post
BDD	Bottom of Chamber Depth	MH	Manhole
BM	Benchmark	MR	Marker
BMV	Bench Mark	MW	Monitoring Well
BO	Bottom	P	Pit
BS	British Standard	PE	Polyethylene
BT	British Telecom Cover	PS	Polypropylene
CB	Cable	RS	Rain Gully
CATV	Cable Television Cover	RS	Road Sign
CC	Cable Cover	RS	Road Sign
CI	Cast Iron	SI	Sign Post
CL	Chamber Level	SLD	Sign Level Depth
CS	Combined Sewer	SP	Sign Post
CS	Combined Sewer	ST	Sign Post
DIA	Diameter	STN	Survey Station
DP	Down Pipe	SW	Surface Water
EJ	Electricity Junction Box	SW	Surface Water
EP	Electricity Pole	TCD	Top of Chamber Depth
ER	Earth Rod	TCD	Top of Chamber Depth
FB	Flow Band	TL	Traffic Light
FH	Fire Hydrant	TLCB	Traffic Light Control Box
FL	Flood Light	TL	Top of Chamber Depth
FW	Foul Water	UL	Unknown
FWP	Foul Water Pipe	UL	Unknown
GP	Gas Pipe	UL	Unknown
GS	Gas Stop	UL	Unknown
I	Inspection Cover	UL	Unknown
IC	Invert Depth	UL	Unknown
IL	Invert Level	UL	Unknown

LINE-TYPE KEY

Red dashed line	Electricity
Red solid line	Street Lighting
Blue solid line	Water
Yellow solid line	Gas
Green solid line	British Telecom
Purple solid line	Unknown Telecom
Orange solid line	Virgin Media
Light blue solid line	Fibre Optic
Light green solid line	Traffic Control Signalling
Light purple solid line	CCTV
Light orange solid line	Empire Duct
Light yellow solid line	Earth
Light blue dashed line	Surface Water
Light green dashed line	Foul Water
Light purple dashed line	Combined Sewer
Light orange dashed line	Drifted Pipe
Light yellow dashed line	Unknown Pipe
Light blue dashed line	Unknown Cable
Light green dashed line	Magnetic Target
Light purple dashed line	Radar Target
Light orange dashed line	Possible Target
Light yellow dashed line	Assumed
Light blue dashed line	Statutory Records
Light green dashed line	(Clear indicates service type)

CLIENT:

SITE:

PROJECT REF:

DRAWN: **DATE:**

CHECKED: **SHEET NO:**

SCALE: **REV:**

LEGEND

Red hatched area	Building
Blue hatched area	Estates of Chamber
Green hatched area	GPR Detected Anomalous Area
Yellow hatched area	GPR Detected Reinforcing
Light blue hatched area	Area of Obstruction
Light green hatched area	Electrical Interference

CLIENT:

SITE:

PROJECT REF:

DRAWN: **DATE:**

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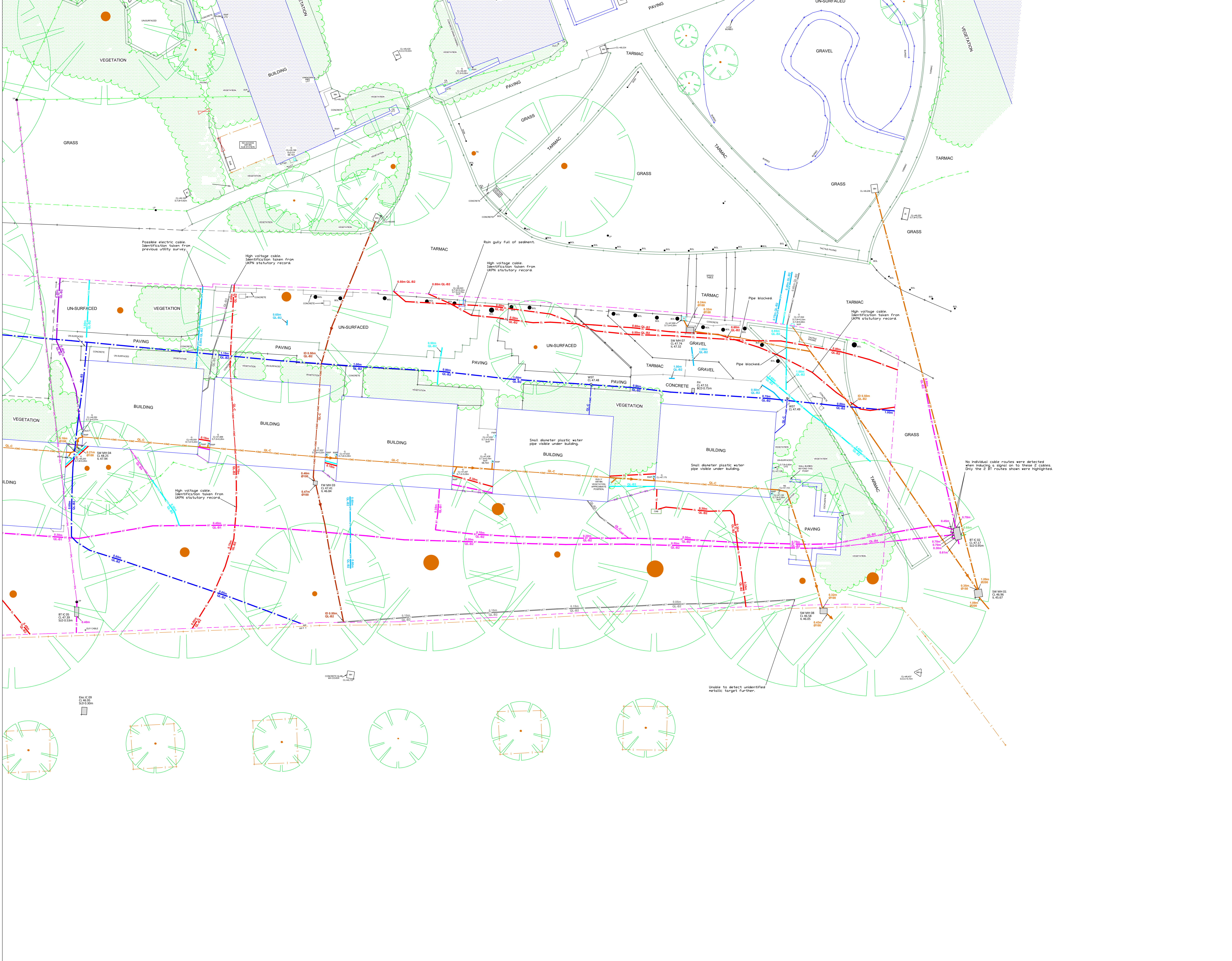
SCALE: **REV:**

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



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 techniques, 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.

Flow rates are shown from visual inspection of valves from statutory information.

All dimensions measured by tape in metres 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 offers no response to its surrounding area. Examples of anomalous features include voiding, heavily saturated ground, buried tanks and demolished building foundations.

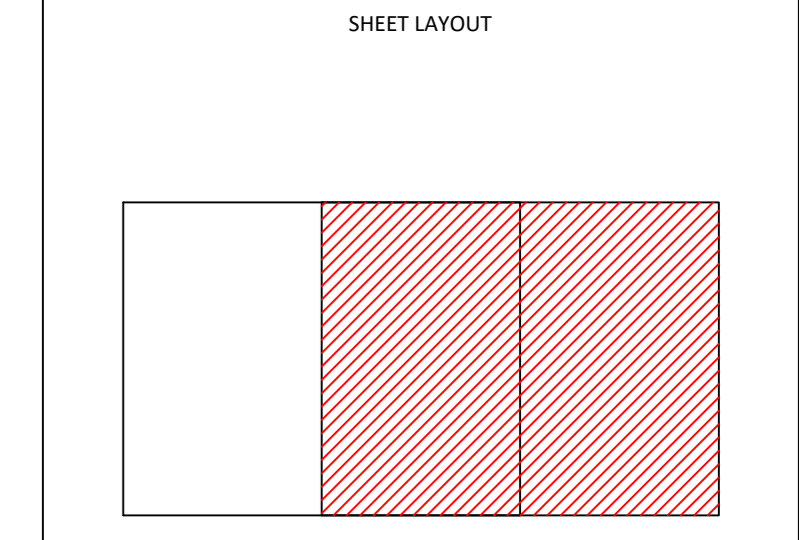
False Mapping has overlaid the results of this underground utility survey on to a topographical survey provided by the client. We cannot accept liability for any errors/misstatements contained within this topographical survey.

The utility survey was carried out in accordance to PAS128:2012 Type B M2 M3. For quality levels please refer to the specification.

All depths measured by tape at accessible chambers are to Q.L.

Availability of Statutory Records

Utility/Service Type	Record Provided	Record Owner
BT	Yes	Openreach
Electricity	Yes	UKPN
Gas	Yes	SGS
Drain/Water	Yes	Thames Water
Sewer	Yes	Virgin Media
Telecom	Yes	Virgin Media
Water	Yes	Alinity Water
Other		



ABBREVIATIONS

AV	Air Valve	IRS	Illuminated Road Sign
BB	Bottle Beacon	LP	Lamp Post
BCD	Bottom of Chamber Depth	MM	Manhole
BH	Borehole	MARK	Marker
BM	Bench Mark	MW	Monitoring Well
BO	Bolt	P	Pit
BS	Box	PE	Polyethylene
BT	British Telecom Cover	PS	Polystyrene
CB	Cable	R	Road Sign
CATV	Cable Television Cover	RS	Rain Gully
CCTV	Closed Circuit TV	RT	Road Sign
CI	Cast Iron	SI	Sign Iron
CL	Coat Line	STD	Sign Post Depth
CS	Combined Sewer	SP	Sign Post
DI	Duct Iron	ST	Stop
DIA	Diameter	STN	Survey Station
DIP	Down Pipe	SW	Surface Water
EAB	Electricity Junction Box	TGB	Telephone Call Box
EP	Electricity Pole	TCD	Top of Chamber Depth
ES	Earth Road	TL	Traffic Light
FB	Fire Hydrant	TLCB	Traffic Light Control Box
FL	Flood Light	TR	Telephone
FLL	Flood Light	UL	Unknown Cable
FMP	Four Water Pipe	ULC	Unverified Clay
FW	Four Water Pipe	ULS	Unverified Lead
GP	Gas Pipe	WLD	Water Level Depth
GV	Gas Valve	WLV	Water Level Valve
IC	Inspection Cover	WSC	Water Stop Cock
ID	Invert Depth	WSDV	Water Stop Valve
IL	Invert Level	WWD	Water Wash Out

LINE-TYPE KEY

—	Electricity
—	Street Lighting
—	Water
—	Gas
—	British Telecom
—	Unknown Telecom
—	Virgin Media
—	Fibre Optic
—	Traffic Control Signalling
—	CCTV
—	Empty Duct
—	Earth
—	Surface Water
—	Foul Water
—	Combined Sewer
—	Drain/Water Pipe
—	Unknown Pipe
—	Unknown Cable
—	Magnetic Target
—	Radar Target
—	Possible Target
—	Assumed
—	Statutory Records
—	Statutory Records (Colour indicates service type)
—	Scan Area
—	Unable to GPR Area
—	Kerb
—	Fence
—	Wall
—	Building
—	Surface Scar
—	Change of Surface
—	Building
—	Estents of Chamber
—	GPR Detected Anomalous Area
—	GPR Detected Reinforcing
—	Area of Obstruction
—	Electrical Interference

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THE BOTHY, ALBURY PARK
GUILDFORD, SURREY, GU5 9BH

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

Meters 1:100