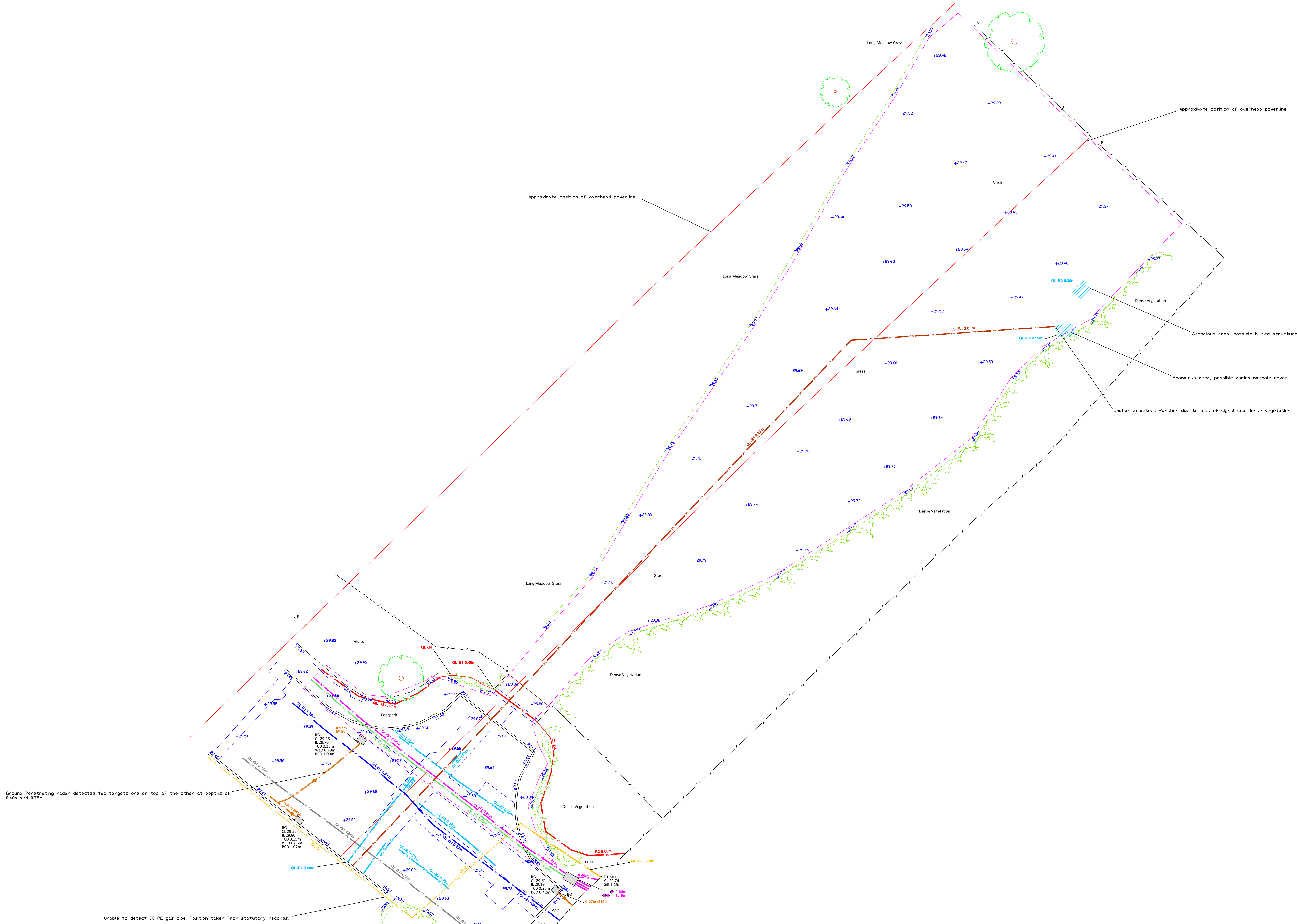




Ground Penetrating radar detected two targets one on top of the other at depths of 0.40m and 0.70m.

Unable to detect 90 PE gas pipe. Position taken from statutory records.

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.		
Pipe sizes are shown from visual inspection or taken from statutory information.		
Sewage system pipe sizes and depths are determined from ground level due to non-entry of inspection chambers.		
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.		
Unless otherwise stated survey control is to OS6383 datum by GPS. Real time kinematic accuracies: Horizontal 10mm + 1ppm, Vertical 10mm + 1ppm. Rapid Static accuracies: Horizontal 5mm + 1ppm, Vertical 10mm + 1ppm.		
The utility survey was carried out in accordance to PAS 128:2014 Type B M3-M5. For quality levels please refer to the specification. All depths measured by tape at accessible chambers are to G.A.		
Availability of Statutory Records		
Utility/Service Type	Record Provided	Record Owner
BT	Yes	Openreach
Electricity	Yes	UKPN
Gas	Yes	Scottia
Oil/Wall	No	N/A
Sewer	Yes	Affinity Water
Telecom	Yes	Virgin
Water	Yes	Sutton and East Surrey
Other	-	N/A

ABBREVIATIONS			
AV	Air Valve	IL	Invert Level
BB	Bolton Beacon	IRS	Illuminated Road Sign
BCD	Bottom of Chamber Depth	LP	Lamp Post
BT	Borehole	MH	Manhole
BL	Basement Light	MKX	Marker
BM	Bench Mark	MW	Monitoring Well
BO	Bollard	P	Post
BS	Bus Stop	PS	Post Box
BT	British Telecom Cover	PE	Polyethylene
C&B	Cable	PE	Polyethylene
CATV	Cable Television Cover	RS	Road Sign
CCTV	Closed Circuit TV	SI	Signpost
CL	Cast Iron	SP	Signpost
CL	Coast Level	ST	Street
CP	Concrete (Pre-Cast)	STN	Survey Station
DE	Ductile Iron	SV	Stop Valve
DA	Diameter	SW	Surface Water
DP	Down Pipe	SW	Surface Water
EB	Electricity Junction Box	TCD	Telephone Call Box
EP	Electricity Pole	TCD	Top of Chamber Depth
ER	Earth Road	TL	Traffic Light
FB	Flow Back	TICB	Traffic Light Control Box
FI	Fire Hydrant	TP	Trunking Hole
FL	Flood Light	UTL	Unable to Lift
FW	Foul Water	VC	Vertical Curve
FWP	Foul Water Pipe	VS	Vertical Curve
GM	Gas Meter	WLD	Water Level Depth
GP	Gas Pipe	WM	Water Meter
GV	Gas Valve	WSC	Water Stop Cock
IC	Inspection Cover	WV	Water Stop Valve
ID	Invert Depth	WV	Water Stop Valve

LINE TYPE KEY	
Electricity	Electricity
Street Lighting	Street Lighting
Water	Water
Gas	Gas
British Telecom	British Telecom
Unknown Telecom	Unknown Telecom
Virgin Media	Virgin Media
Fibre Optic	Fibre Optic
Traffic Control Signalling	Traffic Control Signalling
CCTV	CCTV
Empty Duct	Empty Duct
Earth	Earth
Surface Water	Surface Water
Foul Water	Foul Water
Combined Sewer	Combined Sewer
Oil/Fuel Pipe	Oil/Fuel Pipe
Unknown Pipe	Unknown Pipe
Unknown Cable	Unknown Cable
Metallic Target	Metallic Target
Radar Target	Radar Target
Possible Target	Possible Target
Assumed	Assumed
Statutory Records	Statutory Records
Scan Area	Scan Area
Unable to GPR Area	Unable to GPR Area
Kerb	Kerb
Fence	Fence
Wall	Wall
Building	Building
Surface Scar	Surface Scar
Change of Surface	Change of Surface
Building	Building
Extents of Chamber	Extents of Chamber
GPR Detected Anomalous Area	GPR Detected Anomalous Area
GPR Detected Reinforcing	GPR Detected Reinforcing
Radio Frequency Disturbance	Radio Frequency Disturbance
Electrical Interference	Electrical Interference

CLIENT:	
SITE:	
PROJECT REF:	
DRAWN:	DATE: 28/02/19
CHECKED:	SHEET NO:
SCALE:	REV:

Pulsemapping

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