Original Drawing Size: A1

GRID NORTH

NOTES:–

The accuracy and content of the drawing is commensurate with the graphical scale of mapping and the original specification. The drawing should only be used for its original intended purpose.

Drainage pipe sizes (where shown) have been gauged from the surface for safety reasons and should be regarded as approximate only. Unless indicated otherwise connections between inspection covers are shown as direct.

Tree species (where shown) are indicative, if crucial expert identification by an arborist is advised.

Boundary features may not represent the extent of legal ownership.

Please note that not all buried pipes, cables and ducts can be detected and mapped in consideration of their depth, location, material type, geology and proximity to other utilities. Even an appropriate and professionally executed survey may not be able to achieve a 100% detection rate. Where an area of utilities is likely to affect client project requirements, it is strongly recommended that a PAS128 Quality Level A verification survey is carried out.

LEGEND

Features:

AB	Air Brick	PP	Power Pole
ACU	Air Conditioning Unit	RAD	Radiator
AV	Air Valve	RE	Rodding Eye
BD	Bollard	RNP	Road Name Plate
BH	Borehole	RS	Road Sign
BP	Boundary Post	RSD	Roller Shutter Door
BS	Bus Stop	RWP	Rain Water Pipe
BT	British Telecom	SD	Service Duct
CL	Cover Level	SV	Stop Valve
COL	Column	TCB	Telephone Call Box
CTV	Cable TV Cover	THL	Threshold Level
DOH	Drainage Channel	TP	Telegraph Pole
DF	Drinking Fountain	TS	Traffic Signal
DIS	Disused	TW	Top of Wall
DK	Drop Kerb	UB	Universal Beam
DPC	Damp proof Course	UNK	Unknown
EJC	Electricity JC	UR	Urinal
EJ	Expansion Joint	UTL	Unable To Lift
FB	Forth Rail	Vent	Vent
FR	Flag Pole	VP	Vent Pipe
FH	Fire Hydrant	WM	Water Meter
FHR	Fire Hose Reel	WO	Wash Out
FS	Flagstaff	WP	Waste Pipe
GV	Gas Valve	VSB	Vehicle Safety Barrier
G	Gully		
HR	Handrail		
IC	Inspection Cover		
IL	Invert Level		
JBX	Junction Box		
KO	Kerb Outlet		
LB	Letter Box		
LBN	Litter Bin		
LLP	Low Level LP		
LP	Lamp Post		
MP	Marker Post		
OHL	Overhead Line		
OP	Overflow Pipe		
PM	Parking Meter		

Building Level Details:

D	Door		
EL	Eave Level		
FFL	Floor Level		
FRL	Flat Roof Level		
HL	Head Level		
PPL	Parapet Level		
RL	Ridge Level		
SL	Sill Level		
SP	Springer of Arch		
TA	Top of Arch		
W	Window		
67.45	Ceiling/Beam Soffit		

Boundary Types:

BW	Barbed Wire		
BKW	Brick Wall		
CB	Close Boarded		
CH	Chainlink		
CI	Corrugated Iron		
CP	Chestnut Paling		
HM	Hit and Miss		
IR	Iron Railing		
IW	Interwoven		
LL	Larch Lap		
PAL	Palisade		
PI	Picket		
PR	Post & Rail		
PW	Post & Wire		
TKR	Timber Knee Rail		
RTW	Retaining Wall		
WMF	Wire Mesh Fence		

Surfaces & Finishes:

B	Brickwork		
BB	Breeze Block		
C	Concrete		
CLT	Ceiling Tiles		
CP	Carpet		
CPS	Concrete Paving Slabs		
CPT	Carpet Tiles		
CR	Concrete Render		
CT	Ceramic Tiles		
FT	Floor Tiles		
HBD	Hardboard		
L	Linoleum		
P	Plaster		
PAV	Brick Paviors		
S	Steel work		
T	Tarmac		
TSP	Textured Safety Paving		
VT	Vinyl Tiles		

Building
Overhead Building Detail
Wall
Tree
Kerb/Drop Kerb
Survey Station
Fence
Gate
Painted Road Markings
Edge of Vegetation
Banks (Top / Bottom)

Utilities

C(BP)—	CATV Cables	CCTV(BP)—	CCTV Cables
E(BP)—	Electricity Cables	FO(BP)—	Fibre Optic
FL(BP)—	Fuel Pipes	FW(BP)—	Foul Water Drain
G(BP)—	Gas Pipes	HD(BP)—	Heating duct
SD(BP)—	Service ducts	SW(BP)—	Storm water drain
TC(BP)—	Traffic Control	T(BP)—	Telecom cables
GPR(BP)—	Unidentified GPR	EML(BP)—	Unidentified EML
W(BP)—	Water pipes	UNI(BP)—	Unidentified Trace
	Overhead Lines	EOT	End Of Trace
TFR	Taken From Records	UTT	Unable To Trace
	Extent of utility survey	NPV	No Pipes Visible
		150ø	Pipe Diameter/Flow

Control: All levels and co-ordinates are related to the datums described.
The horizontal and vertical control of this survey relate to existing topographic survey supplied by the client; 5629 S1 Unit5 3d.dwg

This survey has been carried out to PAS 128 Detection Method M2: EML search transects at 5m intervals and 2m for GPR.

Utility Depths:–
Depths obtained by EML are to the centre of the utility
Depths obtained by GPR are to the top of the utility
All depths are shown in metres in the format 0.74
Utility Confidence Levels:–
(A) Horizontal and vertical position verified visually
(Accuracy: Horizontal (±25mm) Vertical(±50mm)
(B1) Horizontal and vertical position detected by multiple methods
(Estimated Accuracy: ±150mm OR ±15% of detected depth)
(B2) Horizontal and vertical position detected by a single method
(Estimated Accuracy: ±250mm OR ±40% of detected depth)
(B3) Horizontal position detected by a single method
(Estimated Accuracy: ±500mm in the Horizontal – Depth is undefined)
(B4) A utility segment which is suspected to exist but has not been detected and is therefore shown as an assumed route
(C) Route transcribed from utility asset plans and correlated to visual indicators and surface features (accuracy undefined)
(D) Route transcribed from utility asset plans (accuracy undefined)

Rev	Job No	Date	Revision Detail		
				Surveyor	Check
A	23308	07/26	Post clearance CCTV drainage survey.	NW	AR

CLIENT

Perega
Quarry Court
Lime Quarry Mews
Guildford
GU1 2RD

PROJECT

Buried Utilities, CCTV Survey Of Drainage
5 Swallowfield Way
Hayes
UB3 1DQ

Job No.	Surveyor	Checked	Date	Scale
23308	NW/DS	AR	June 2026	1:200

EDI SURVEYS LTD
163–165 Ranelagh Road, Ipswich, Suffolk IP2 0AH
Telephone | 01473 211222
Email | admin@edisurveys.co.uk
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DRAWING No. 23308/U/01–01 REV. A