

**UTILITY SURVEY NOTES**

No gas or CATV records provided by the client.  
Possible gas main in footpath-UTT

Electromagnetic and/or Ground Penetrating Radar techniques have been used to map underground utilities and features on the site. The information contained within this drawing is accurate to the best of our knowledge. However, the depth of services is not guaranteed. It is recommended that excavations be undertaken to confirm the location and depth of services. It is strongly advised that any excavations be undertaken to confirm the location and depth of services. It is recommended that any excavations be undertaken to confirm the location and depth of services.

Where a depth of information of underground services is stated. Depths are generally within +/- 10% accuracy but cannot be guaranteed. Any depths shown are usually to the top of a service/feature. Gravity sewers and drains are usually to invert (base of drainage channel) unless stated.

At Metrix Surveys Ltd we use skilled staff and modern, calibrated equipment to perform our surveys. However, the completeness of any underground survey cannot be 100% guaranteed and we cannot be held responsible for any inaccuracies beyond those that could be reasonably expected by a competent company.

**ABBREVIATIONS (Land & Utilities)**

AA ASSUMED ROUTE	KO KERB OUTLET	SP SIGNAL LIGHT
AB AIR VALVE	LD LIFEBOAT	SR SIGN POST
BB BELLISHA BEACON	LV LOCK GATE	SRP STREET PILING
BH BORE HOLE	LVH LOW VOLTAGE	SRW STONE RETAINING WALL
BL BASEMENT LIGHT	LVH LOW VOLTAGE	SV STOP VALVE
BO BOLLARD	LVH LOW VOLTAGE	SVS SOIL VENT PIPE
BP BRICK PAVING	LVH LOW VOLTAGE	SW STAMP (TREE)
BRW BRICK RETAINING WALL	LVH LOW VOLTAGE	SW STAMP (WIRE)
BS BUS STOP	LVH LOW VOLTAGE	SW STAMP (WIRE)
BSh Bus Shelter	LVH LOW VOLTAGE	SW STAMP (WIRE)
BT Inspection Cover	LVH LOW VOLTAGE	SW STAMP (WIRE)
BW Brick Wall	LVH LOW VOLTAGE	SW STAMP (WIRE)
CB Control Box	LVH LOW VOLTAGE	SW STAMP (WIRE)
CCTV Closed Circuit Television	LVH LOW VOLTAGE	SW STAMP (WIRE)
CL Cover Level	LVH LOW VOLTAGE	SW STAMP (WIRE)
CO Column	LVH LOW VOLTAGE	SW STAMP (WIRE)
Conc Concrete	LVH LOW VOLTAGE	SW STAMP (WIRE)
CPS Concrete Paving Slabs	LVH LOW VOLTAGE	SW STAMP (WIRE)
CS Cobblestones	LVH LOW VOLTAGE	SW STAMP (WIRE)
CT Cable TV Inspection Cover	LVH LOW VOLTAGE	SW STAMP (WIRE)
CW Concrete Wall	LVH LOW VOLTAGE	SW STAMP (WIRE)
DC Drainage Channel	LVH LOW VOLTAGE	SW STAMP (WIRE)
DK Drop Kerb	LVH LOW VOLTAGE	SW STAMP (WIRE)
DP Down Pipe	LVH LOW VOLTAGE	SW STAMP (WIRE)
EJB Electric Junction Box	LVH LOW VOLTAGE	SW STAMP (WIRE)
EP Electricity Pole	LVH LOW VOLTAGE	SW STAMP (WIRE)
ES Earthing Rod	LVH LOW VOLTAGE	SW STAMP (WIRE)
FB Flower Bed	LVH LOW VOLTAGE	SW STAMP (WIRE)
FFL Finished Floor Level	LVH LOW VOLTAGE	SW STAMP (WIRE)
FH Fire Hydrant	LVH LOW VOLTAGE	SW STAMP (WIRE)
FL Flood Light	LVH LOW VOLTAGE	SW STAMP (WIRE)
FP Fuel Pump	LVH LOW VOLTAGE	SW STAMP (WIRE)
FPMH Foul Water Manhole	LVH LOW VOLTAGE	SW STAMP (WIRE)
GA Gate	LVH LOW VOLTAGE	SW STAMP (WIRE)
GM Gas Meter	LVH LOW VOLTAGE	SW STAMP (WIRE)
GU Gully	LVH LOW VOLTAGE	SW STAMP (WIRE)
GV Gas Valve	LVH LOW VOLTAGE	SW STAMP (WIRE)
H Height (Metres)	LVH LOW VOLTAGE	SW STAMP (WIRE)
IL Inspection Level	LVH LOW VOLTAGE	SW STAMP (WIRE)
IC Inspection Cover	LVH LOW VOLTAGE	SW STAMP (WIRE)
IP Invert Level	LVH LOW VOLTAGE	SW STAMP (WIRE)
H/R Hand Rail	LVH LOW VOLTAGE	SW STAMP (WIRE)
I/R Iron Rolling	LVH LOW VOLTAGE	SW STAMP (WIRE)
O/B Open Boarded	LVH LOW VOLTAGE	SW STAMP (WIRE)
P/S Palisade Security	LVH LOW VOLTAGE	SW STAMP (WIRE)
P/R Post and Rail	LVH LOW VOLTAGE	SW STAMP (WIRE)
P/W Post and Wire	LVH LOW VOLTAGE	SW STAMP (WIRE)

**Coordinate Table**

Station	Eastings	Northings	Level	Description
S1	500.000	1000.000	46.576	Peg
S2	521.053	995.622	47.865	Peg
S3	523.370	972.488	47.706	Nail
S4	485.556	976.018	45.872	Nail
S5	474.109	986.711	45.285	Nail
SA	524.883	950.405	46.599	Nail
SB	472.040	951.647	44.787	Nail

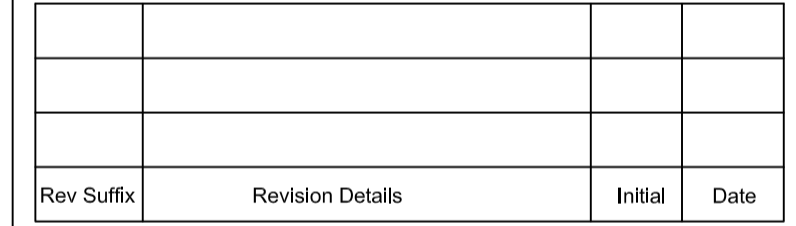
**Note**

This survey data has been prepared for the client detailed below to an agreed specification. Unless otherwise agreed in writing the liability of Metrix Surveys Ltd is limited to the client or his appointed agent, and does not extend to use beyond the limitations of the specification.

Grid: Survey is based on an arbitrary grid.  
Level datum: Ordnance Datum Newlyn (ODN).  
OSBM located on NW angle, W Face of Grange United Reformed Church.  
OSBM Value: 44.75m.  
All levels on kerb lines are channel levels unless noted otherwise.  
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**Abbreviations (Where Applicable)**

ACU Air Conditioning Unit	KO Kerb Outlet
AR Assumed Route	LB Litter Bin
BB Bellisha Beacon	LP Lamp Post
BH Bore Hole	MB Multibole tree
BL Basement Light	MC Mercury Inspection Cover
BO Bollard	MH Manhole
BP Brick Paving	MK Marker Post
BRW Brick Retaining Wall	NB Notice Board
BS Bus Stop	NFI No Further Information
BSh Bus Shelter	NP Street Name Plate
BT Inspection Cover	OW Overhead Wire
BW Brick Wall	OSBM Ordnance Survey Bench Mark
CB Control Box	PB Post Box
CCTV Closed Circuit Television	PL Plinth
CL Cover Level	PM Parking Meter
CO Column	PO Post
Conc Concrete	PS Paving Slab
CPS Concrete Paving Slabs	RE Rodding Eye
CS Cobblestones	RS Road Sign
CT Cable TV Inspection Cover	RW Retaining Wall
CW Concrete Wall	SC Shop CooK
DC Drainage Channel	SRW Stone Retaining Wall
DK Drop Kerb	SV Stop Valve
DP Down Pipe	SVS Soil Vent Pipe
EJB Electric Junction Box	SW Stone Wall
EP Electricity Pole	SWH Surface Water Manhole
ES Earthing Rod	TCS Telephone Call Box
FB Flower Bed	TH Threshold Level
FFL Finished Floor Level	TK Top of Kerb level
FH Fire Hydrant	TL Traffic Light
FL Flood Light	TW Top of Wall
FP Fuel Pump	TP Telegraph Pole
FPMH Foul Water Manhole	TPS Tactile Paving Slabs
GA Gate	UTL Unable To Lift
GM Gas Meter	UV Vent Pipe
GU Gully	VM Valve Manhole
GV Gas Valve	WL Water Level
H Height (Metres)	WM Water Meter
IL Inspection Level	WO Washout
IC Inspection Cover	WP Waste Pipe
IP Invert Level	WW Water Valve



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Client:

Job Title:

Drawing Title: **UTILITIES SURVEY**

Drawing No: 12052T/101	Rev Suffix:		
Drawn: PB	Checked: DR	Scale: 1:200	Date: OCTOBER 2012
Job No: 12052T	Sheet: 1 of 1	Sheet Size: A1	