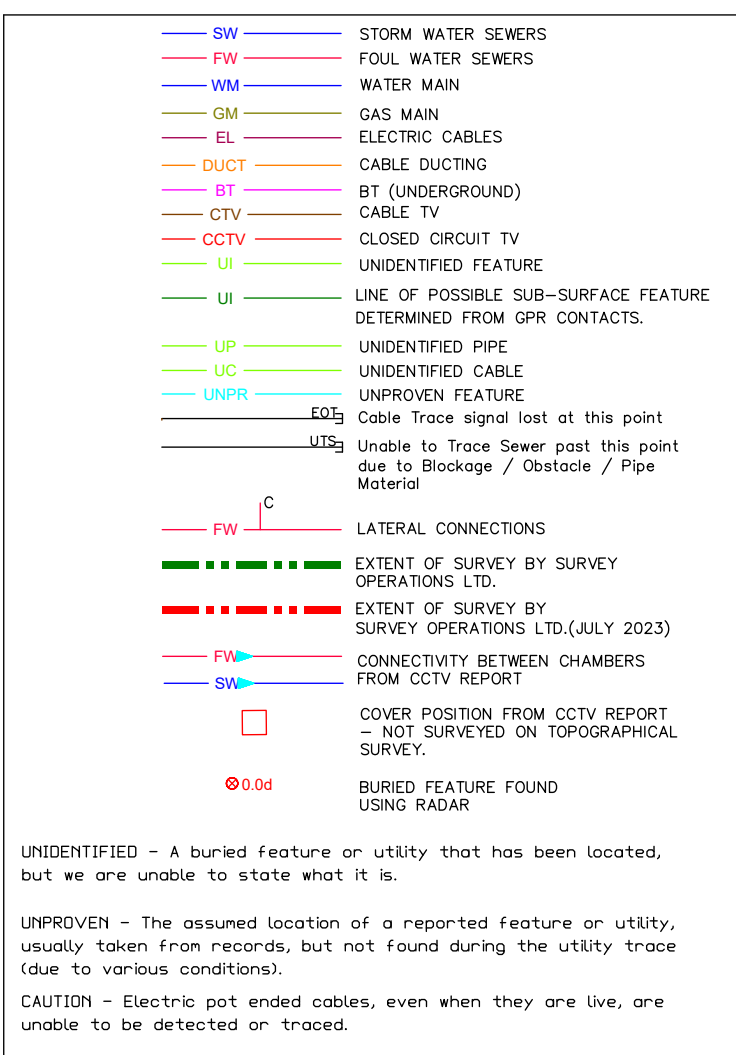




UNDERGROUND UTILITIES SERVICES DISCLAIMER

Where indicated, no allowance has been made for sub-surface entry into manholes, other chambers or confined spaces below ground level. Therefore any details relating to depths, sizes etc. are taken from the surface and as such will be

We have endeavoured to supply you with the most accurate data possible by using methods and equipment that are at the forefront of our industry. We have taken great care in the detection of ppeck and buried features, but as with all methods of detecting underground or buried utilities the information provided is based on results obtained from electromagnetic techniques, and as such may be liable to distortion or errors beyond the reasonable control of the operator or his instruments.

It is the responsibility of the user under Health & Safety OHS447 Guidelines to satisfy himself of the suspected location of any services prior to excavation of the services shown.

NOTE 1

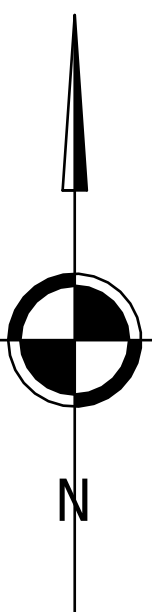
This utility survey has been undertaken using:

- A: Radiodetection RD4000 + RD4000 T10
- B: Moka Geoscience Ground Probing Radar

NOTE 2

Power carrying features shown on this drawing are shown as an individual service line. This does not necessarily represent the number of cables actually present and it is possible that there could be multi numbers of cables including HV, LV and communications transmission cables following the same trace line. These could be at different depths, the trace signal from the deeper cables being masked by signal emitted from the shallower service above. Cable runs could also be present running parallel to the single line shown.

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Note:

The survey is plotted on a plane local Grid. Orientation to National Grid. All levels relate to Ordnance Datum, achieved using the OS National GPS Network.

Survey Control Markers established for Mapping purposes only and should not be used for Construction without the written approval of Survey Operations Ltd.

Drainage information must be verified with local authority records before use.

SURVEY STATIONS			
Name	Easting	Northing	Height
S01	345804.98	390151.26	27.0
S02	345790.31	390143.93	27.1
S03	345780.24	390149.28	26.9
S04	345788.18	390165.13	27.0
S05	345764.41	390183.98	27.0
S06	345812.90	390211.10	26.8

STANDARD REFERENCE & ABBREVIATIONS:

AA	Asynchronous	BL	Board Level
AB	Access	BM	Board Mount
AC	Accessories	BN	Board Number
AD	Address	BO	Board Orientation
AE	Adapter	BP	Board Position
AF	Adhesive	BR	Board Revision
AG	Agitation	BS	Board Size
AH	Air	BT	Board Type
AI	Alignment	BU	Board Unit
AJ	Alloy	BV	Board Voltage
AK	Aluminum	BW	Board Width
AL	Aluminum	BY	Board Yield
AM	Amplifier	BZ	Board Zone
AN	Analysis	CA	Cable
AO	Antenna	CB	Cable Board
AP	Aperture	CC	Cable Connector
AQ	Aperture	CD	Cable Drive
AR	Armature	CE	Cable End
AS	Assemble	CF	Cable Feed
AT	Attachment	CG	Cable Ground
AV	Audio	CH	Cable Head
AW	Awake	CI	Cable Interface
AX	Axis	CJ	Cable Jack
AY	Axis	CK	Cable Key
AZ	Axis	CL	Cable Lead
BA	Balancing	CM	Cable Mount
BB	Balancing	CN	Cable Number
BC	Balancing	CO	Cable Orientation
BD	Balancing	CP	Cable Position
BE	Balancing	CQ	Cable Position
BF	Balancing	CR	Cable Position
BG	Balancing	CS	Cable Position
BH	Balancing	CT	Cable Position
BI	Balancing	CU	Cable Position
BJ	Balancing	CV	Cable Position
BK	Balancing	CW	Cable Position
BL	Balancing	CX	Cable Position
BM	Balancing	CY	Cable Position
BN	Balancing	CZ	Cable Position
BO	Balancing	DA	Cable Position
BP	Balancing	DB	Cable Position
BQ	Balancing	DC	Cable Position
BR	Balancing	DD	Cable Position
BS	Balancing	DE	Cable Position
BT	Balancing	DF	Cable Position
BU	Balancing	DG	Cable Position
BV	Balancing	DH	Cable Position
BW	Balancing	DI	Cable Position
BX	Balancing	DJ	Cable Position
BY	Balancing	DK	Cable Position
BZ	Balancing	DL	Cable Position
CA	Cable	DM	Cable Position
CB	Cable Board	DN	Cable Position
CC	Cable Connector	DO	Cable Position
CD	Cable Drive	DP	Cable Position
CE	Cable End	DQ	Cable Position
CF	Cable Feed	DR	Cable Position
CG	Cable Ground	DS	Cable Position
CH	Cable Head	DT	Cable Position
CI	Cable Interface	DU	Cable Position
CJ	Cable Jack	DV	Cable Position
CK	Cable Key	DW	Cable Position
CL	Cable Lead	DX	Cable Position
CM	Cable Mount	DY	Cable Position
CN	Cable Number	DZ	Cable Position
CO	Cable Orientation	EA	Cable Position
CP	Cable Position	EB	Cable Position
CQ	Cable Position	EC	Cable Position
CR	Cable Position	ED	Cable Position
CS	Cable Position	EE	Cable Position
CT	Cable Position	EF	Cable Position
CU	Cable Position	EG	Cable Position
CV	Cable Position	EH	Cable Position
CW	Cable Position	EI	Cable Position
CX	Cable Position	EJ	Cable Position
CY	Cable Position	EK	Cable Position
CZ	Cable Position	EL	Cable Position
DA	Cable Position	EM	Cable Position
DB	Cable Position	EN	Cable Position
DC	Cable Position	EO	Cable Position
DD	Cable Position	EP	Cable Position
DE	Cable Position	EQ	Cable Position
DF	Cable Position	ER	Cable Position
DG	Cable Position	ES	Cable Position
DH	Cable Position	ET	Cable Position
DI	Cable Position	EU	Cable Position
DJ	Cable Position	EV	Cable Position
DK	Cable Position	EW	Cable Position
DL	Cable Position	EX	Cable Position
DM	Cable Position	EY	Cable Position
DN	Cable Position	EZ	Cable Position
DO	Cable Position	FA	Cable Position
DP	Cable Position	FB	Cable Position
DQ	Cable Position	FC	Cable Position
DR	Cable Position	FD	Cable Position
DS	Cable Position	FE	Cable Position
DT	Cable Position	FF	Cable Position
DU	Cable Position	FG	Cable Position
DV	Cable Position	FH	Cable Position
DW	Cable Position	FI	Cable Position
DX	Cable Position	FJ	Cable Position
DY	Cable Position	FK	Cable Position
DZ	Cable Position	FL	Cable Position
EA	Cable Position	FM	Cable Position
EB	Cable Position	FN	Cable Position
EC	Cable Position	FO	Cable Position
ED	Cable Position	FP	Cable Position
EE	Cable Position	FQ	Cable Position
EF	Cable Position	FR	Cable Position
EG	Cable Position	FS	Cable Position
EH	Cable Position	FT	Cable Position
EI	Cable Position	FU	Cable Position
EJ	Cable Position	FV	Cable Position
EK	Cable Position	FW	Cable Position
EL	Cable Position	FX	Cable Position
EM	Cable Position	FY	Cable Position
EN	Cable Position	FZ	Cable Position
EO	Cable Position	GA	Cable Position
EP	Cable Position	GB	Cable Position
EQ	Cable Position	GC	Cable Position
ER	Cable Position	GD	Cable Position
ES	Cable Position	GE	Cable Position
ET	Cable Position	GF	Cable Position
EU	Cable Position	GG	Cable Position
EV	Cable Position	GH	Cable Position
EW	Cable Position	GI	Cable Position
EX	Cable Position	GO	Cable Position
EY	Cable Position	GP	Cable Position
EZ	Cable Position	GQ	Cable Position
FA	Cable Position	GR	Cable Position
FB	Cable Position	GS	Cable Position
FC	Cable Position	GT	Cable Position
FD	Cable Position	GU	Cable Position
FE	Cable Position	HV	High Voltage
FF	Cable Position	IA	Input
FG	Cable Position	IB	Input Board
FH	Cable Position	IC	Input Connector
FI	Cable Position	ID	Input Drive
FJ	Cable Position	IE	Input End
FK	Cable Position	IF	Input Feed
FL	Cable Position	IG	Input Ground
FM	Cable Position	IH	Input Head
FN	Cable Position	II	Input Interface
FO	Cable Position	IJ	Input Jack
FP	Cable Position	IK	Input Key
FQ	Cable Position	IL	Input Lead
FR	Cable Position	IM	Input Mount
FS	Cable Position	IN	Input Number
FT	Cable Position	IO	Input Orientation
FU	Cable Position	IP	Input Position
FV	Cable Position	IR	Input Revision
FW	Cable Position	IS	Input Size
FX	Cable Position	IT	Input Type
FY	Cable Position	IU	Input Unit
FZ	Cable Position	IV	Input Voltage
GA	Cable Position	IW	Input Width
GB	Cable Position	IY	Input Yield
GC	Cable Position	IZ	Input Zone
GD	Cable Position	JA	Jack
GE	Cable Position	JB	Jack Board
GF	Cable Position	JC	Jack Connector
GG	Cable Position	JD	Jack Drive
GH	Cable Position	JE	Jack End
GI	Cable Position	JF	Jack Feed
GO	Cable Position	JG	Jack Ground
GP	Cable Position	JH	Jack Head
GQ	Cable Position	JI	Jack Interface
GR	Cable Position	JJ	Jack Jack
GS	Cable Position	JK	Jack Key
GT	Cable Position	JL	Jack Lead
GU	Cable Position	JM	Jack Mount
HV	High Voltage	JN	Jack Number
IA	Input	JO	Jack Orientation
IB	Input Board	JP	Jack Position
IC	Input Connector	JQ	Jack Position
ID	Input Drive	JR	Jack Position
IE	Input End	JS	Jack Position
IF	Input Feed	JT	Jack Position
IG	Input Ground	JU	Jack Position
IH	Input Head	JV	Jack Position
II	Input Interface	JW	Jack Position
IJ	Input Jack	JX	Jack Position
IK	Input Key	JY	Jack Position
IL	Input Lead	JZ	Jack Position
IM	Input Mount	KA	Keypad
IN	Input Number	KB	Keypad Board
IO	Input Orientation	KC	Keypad Connector
IP	Input Position	KD	Keypad Drive
IR	Input Revision	KE	Keypad End
IS	Input Size	KF	Keypad Feed
IT	Input Type	KG	Keypad Ground
IU	Input Unit	KH	Keypad Head
IV	Input Voltage	KI	Keypad Interface
IW	Input Width	KJ	Keypad Jack
IY	Input Yield	KK	Keypad Key
IZ	Input Zone	KL	Keypad Lead
JA	Jack	KM	Keypad Mount
JB	Jack Board	KN	Keypad Number
JC	Jack Connector	KO	Keypad Orientation
JD	Jack Drive	KP	Keypad Position
JE	Jack End	KQ	Keypad Position
JF	Jack Feed	KR	Keypad Position
JG	Jack Ground	KS	Keypad Position
JH	Jack Head	KT	Keypad Position
JI	Jack Interface	KU	Keypad Position
JJ	Jack Jack	KV	Keypad Position
JK	Jack Key	KW	Keypad Position
JL	Jack Lead	KX	Keypad Position
JM	Jack Mount	KY	Keypad Position
JN	Jack Number	KZ	Keypad Position
JO	Jack Orientation	LA	Label
JP	Jack Position	LB	Label Board
JQ	Jack Position	LC	Label Connector
JR	Jack Position	LD	Label Drive
JS	Jack Position	LE	Label End
JT	Jack Position	LF	Label Feed
JU	Jack Position	LG	Label Ground
JV	Jack Position	LH	Label Head
JW	Jack Position	LI	Label Interface
JX	Jack Position	LJ	Label Jack
JY	Jack Position	LK	Label Key
JZ	Jack Position	LL	Label Lead
KA	Keypad	LM	Label Mount
KB	Keypad Board	LN	Label Number
KC	Keypad Connector	LO	Label Orientation
KD	Keypad Drive	LP	Label Position
KE	Keypad End	LQ	Label Position
KF	Keypad Feed	LR	Label Position
KG	Keypad Ground	LS	Label Position
KH	Keypad Head	LT	Label Position
KI	Keypad Interface	LU	Label Position
KJ	Keypad Jack	LV	Label Position
KK	Keypad Key	LV	Label Position
KL	Keypad Lead	LW	Label Position
KM	Keypad Mount	LX	Label Position
KN	Keypad Number	LY	Label Position
KO	Keypad Orientation	LZ	Label Position
KP	Keypad Position	MA	Master
KQ	Keypad Position	MB	Master Board
KR	Keypad Position	MC	Master Connector
KS	Keypad Position	MD	Master Drive
KT	Keypad Position	ME	Master End
KU	Keypad Position	MF	Master Feed
KV	Keypad Position	MG	Master Ground
KW	Keypad Position	MH	Master Head
KX	Keypad Position	MI	Master Interface
KY	Keypad Position	MJ	Master Jack
KZ	Keypad Position	MK	Master Key
LA	Label	ML	Master Lead
LB	Label Board	MM	Master Mount
LC	Label Connector	MN	Master Number
LD	Label Drive	MO	Master Orientation
LE	Label End	MP	Master Position
LF	Label Feed	MQ	Master Position
LG	Label Ground	MR	Master Position
LH	Label Head	MS	Master Position
LI	Label Interface	MT	Master Position
LJ	Label Jack	MU	Master Position
LK	Label Key	MV	Master Position
LL	Label Lead	MW	Master Position
LM	Label Mount	MX	Master Position
LN	Label Number	MY	Master Position
LO	Label Orientation	MZ	Master Position
LP	Label Position	NA	Network
LQ	Label Position	NB	Network Board
LR	Label Position	NC	Network Connector
LS	Label Position	ND	Network Drive
LT	Label Position	NE	Network End
LU	Label Position	NF	Network Feed
LV	Label Position	NG	Network Ground
LW	Label Position	NH	Network Head
LX	Label Position	NI	Network Interface
LY	Label Position	NJ	Network Jack
LZ	Label Position	NK	Network Key
MA	Master	NL	Network Lead
MB	Master Board	NM	Network Mount
MC	Master Connector	NO	Network Number
MD	Master Drive	NP	Network Orientation
ME	Master End	NQ	Network Position
MF	Master Feed	NR	Network Position
MG	Master Ground	NS	Network Position
MH	Master Head	NT	Network Position
MI	Master Interface	NU	Network Position
MJ	Master Jack	NV	Network Position
MK	Master Key	NW	Network Position
ML	Master Lead	NX	Network Position
MM	Master Mount	NY	Network Position
MN	Master Number	NZ	Network Position
MO	Master Orientation	OA	Output
MP	Master Position	OB	Output Board
MQ	Master Position	OC	Output Connector
MR	Master Position	OD	Output Drive
MS	Master Position	OE	Output End
MT	Master Position	OF	Output Feed
MU	Master Position	OG	Output Ground
MV	Master Position	OH	Output Head
MW	Master Position	OI	Output Interface
MX	Master Position	OJ	Output Jack
MY	Master Position	OK	Output Key
MZ	Master Position	OL	Output Lead
NA	Network	OM	Output Mount
NB	Network Board	ON	Output Number
NC	Network Connector	OO	Output Orientation
ND	Network Drive	OP	Output Position
NE	Network End	OQ	Output Position
NF	Network Feed	OR	Output Position
NG	Network Ground	OS	Output Position
NH	Network Head	OT	Output Position
NI	Network Interface	OU	Output Position
NJ	Network Jack	OV	Output Position
NK	Network Key	OW	Output Position
NL	Network Lead	OX	Output Position
NM	Network Mount	OY	Output Position
NO	Network Number	OZ	Output Position
NP	Network Orientation	PA	Panel
NQ	Network Position	PB	Panel Board
NR	Network Position	PC	Panel Connector
NS	Network Position	PD	Panel Drive
NT	Network Position	PE	Panel End
NU	Network Position	PF	Panel Feed
NV	Network Position	PG	Panel Ground
NW	Network Position	PH	Panel Head
NX	Network Position	PI	Panel Interface
NY	Network Position	PJ	Panel Jack
NZ	Network Position	PK	Panel Key
OA	Output	PL	Panel Lead
OB	Output Board	PM	Panel Mount
OC	Output Connector	PN	Panel Number
OD	Output Drive	PO	Panel Orientation
OE	Output End	PP	Panel Position
OF	Output Feed	PQ	Panel Position
OG	Output Ground	PR	Panel Position
OH	Output Head	PS	Panel Position
OI	Output Interface	PT	Panel Position
OJ	Output Jack	PU	Panel Position
OK	Output Key	PV	Panel Position
OL	Output Lead	PW	Panel Position
OM	Output Mount	PX	Panel Position
ON	Output Number	PY	Panel Position
OO	Output Orientation	PZ	Panel Position
OP	Output Position	QA	Queue
OQ	Output Position	QB	Queue Board
OR	Output Position	QC	Queue Connector
OS	Output Position	QD	Queue Drive
OT	Output Position	QE	Queue End
OU	Output Position	QF	Queue Feed
OV	Output Position	QG	Queue Ground
OW	Output Position	QH	Queue Head
OX	Output Position	QI	Queue Interface
OY	Output Position	QJ	Queue Jack
OZ	Output Position	QK	Queue Key
PA	Panel	QL	Queue Lead
PB	Panel Board	QM	Queue Mount
PC	Panel Connector	QN	Queue Number
PD	Panel Drive	QO	Queue Orientation
PE	Panel End	QP	Queue Position
PF	Panel Feed	QR	Queue Position
PG	Panel Ground	QS	Queue Position
PH	Panel Head	QT	Queue Position
PI	Panel Interface	QU	Queue Position
PJ	Panel Jack	QV	Queue Position
PK	Panel Key	QW	Queue Position
PL	Panel Lead	QX	Queue Position
PM	Panel Mount	QY	Queue Position
PN	Panel Number	QZ	Queue Position
PO	Panel Orientation	RA	Radio
PP	Panel Position	RB	Radio Board
PQ	Panel Position	RC	Radio Connector
PR	Panel Position	RD	Radio Drive
PS	Panel Position	RE	Radio End
PT	Panel Position	RF	Radio Feed
PU	Panel Position	RG	Radio Ground
PV	Panel Position	RH	Radio Head
PW	Panel Position	RI	Radio Interface
PX	Panel Position	RJ	Radio Jack
PY	Panel Position	RK	Radio Key
PZ	Panel Position	RL	Radio Lead
QA	Queue	RM	Radio Mount
QB	Queue Board	RN	Radio Number
QC	Queue Connector	RO	Radio Orientation
QD	Queue Drive	RP	Radio Position
QE	Queue End	RQ	Radio Position
QF	Queue Feed	RS	Radio Position
QG	Queue Ground	RT	Radio Position
QH	Queue Head	RU	Radio Position
QI	Queue Interface	RV	Radio Position
QJ	Queue Jack	RW	Radio Position
QK	Queue Key	RX	Radio Position
QL	Queue Lead	RY	Radio Position
QM	Queue Mount	RZ	Radio Position
QN	Queue Number	SA	Signal
QO	Queue Orientation	SB	Signal Board
QP	Queue Position	SC	Signal Connector
QR	Queue Position	SD	Signal Drive
QS	Queue Position	SE	Signal End
QT	Queue Position	SF	Signal Feed
QU	Queue Position	SG	Signal Ground
QV	Queue Position	SH	Signal Head
QW	Queue Position	SI	Signal Interface
QX	Queue Position	SJ	Signal Jack
QY	Queue Position	SK	Signal Key
QZ	Queue Position	SL	Signal Lead
RA	Radio	SM	Signal Mount
RB	Radio Board	SN	Signal Number
RC	Radio Connector	SO	Signal Orientation
RD	Radio Drive	SP	Signal Position
RE	Radio End	SQ	Signal Position
RF	Radio Feed	SR	Signal Position
RG	Radio Ground	SS	Signal Position
RH	Radio Head	ST	Signal Position
RI	Radio Interface	SU	Signal Position
RJ	Radio Jack		

Survey OPERATIONS

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Client
Alan Wood & Partners

Drawing Title
Topographical Survey of Land at:
Ellis Ashton Street
Huyton, L36 6BJ

Scale(s) 1:200 Surveyor MP/M

Date	JAN 24	Drawn	JG
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Job Number	24J154	Checked	TP
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Sheet Size & Dwg Number & Revision

A0 24J154/001