



NOTES
 Topographical survey control is to OSGB36(15) datum by GPS (as recorded at the time of acquisition) and the project datum is North. All subsequent data acquired does not have a scale factor applied and therefore is based on a flat earth scenario. Road Time Kinematics accuracy: Horizontal 10mm + 1ppm, Vertical 20mm + 1ppm. Rapid Static accuracy: Horizontal 5mm + 1ppm, Vertical 10mm + 1ppm.
 Drawings:
 All dimensions are in millimetres unless otherwise stated.
 Pipe sizes are shown from visual inspection or taken from statutory information. All dimensions measured by tape at manholes and inspection chambers are determined from ground level due to non entry of chambers, therefore these should be treated as indicative only.
 Trees:
 Every effort has been made to identify and detail all trees on site but where trees are of critical importance we suggest the use of a specialist such as an arborist. Tree spread and heights are indicative.
 GPS:
 GPS levels and grid are obtained using industry standard guidelines and can vary according to the quality of the GPS network at the time of survey. Therefore all GPS detail is relative to the time and date of the survey.

ABBREVIATIONS

AV	Air Valve	MM	Manhole	AJD	Asph	Tree Species Information	
BB	Bolton Beacon	MK	Marker	AD	Asph	LOC	Locust
BS	Borehole	MS	Manhole	ADH	Asph	LPH	London Plane
BL	Basement Light	MP	Manhole	AG	Asph	LPM	London Plane
BM	Bench Mark	MSW	Manhole	AGN	Asph	MAG	Magpie
BO	Bolton	MSL	Manhole	AGC	Asph	MAE	Magpie
BR	Brick	MSB	Manhole	AGD	Asph	MAI	Magpie
BS	Bolton	MSD	Manhole	AGF	Asph	MAJ	Magpie
BT	British Telecom Cover	MSH	Manhole	AGG	Asph	MAK	Magpie
CAB	Cable	MSI	Manhole	AGH	Asph	MAL	Magpie
CATV	Cable Television Cover	MSJ	Manhole	AGI	Asph	MAN	Magpie
CCTV	Closed Circuit TV	MSK	Manhole	AGJ	Asph	MAO	Magpie
CI	Cast Iron	MSL	Manhole	AGK	Asph	MAP	Magpie
CP	Concrete (Pre-Cast)	MSM	Manhole	AGL	Asph	MAQ	Magpie
DI	Ductile Iron	MSN	Manhole	AGM	Asph	MAR	Magpie
DP	Down Pipe	MSO	Manhole	AGN	Asph	MAS	Magpie
DS	Down Pipe	MSQ	Manhole	AGO	Asph	MAT	Magpie
EP	Electricity Junction Box	MSR	Manhole	AGP	Asph	MAU	Magpie
ER	Earth Road	MSS	Manhole	AGQ	Asph	MAV	Magpie
FA	Fire Hydrant	MSU	Manhole	AGR	Asph	MAW	Magpie
FL	Flood Light	MSV	Manhole	AGS	Asph	MAX	Magpie
FW	Four Water Pipe	MSW	Manhole	AGT	Asph	MAY	Magpie
GM	Gas Meter	MSX	Manhole	AGU	Asph	MAZ	Magpie
GP	Gas Pipe	MSY	Manhole	AGV	Asph	MBE	Magpie
GV	Gas Valve	MSZ	Manhole	AGW	Asph	MBF	Magpie
IC	Inspection Cover	MSA	Manhole	AGX	Asph	MBG	Magpie
IS	Illuminated Road Sign	MSB	Manhole	AGY	Asph	MBH	Magpie
LP	Lamp Post	MSC	Manhole	AGZ	Asph	MBJ	Magpie

LEVEL INFORMATION

BTD	Bottom of Chamber Depth	CONC	Concrete
BL	Bottom Level	CS	Chain Link Fence
CL	Cover Level	CSF	Chain Link Fence
CLC	Chain Link Fence	CSH	Chain Link Fence
CLD	Chain Link Fence	CSL	Chain Link Fence
CLF	Chain Link Fence	CSM	Chain Link Fence
CLG	Chain Link Fence	CSN	Chain Link Fence
CLH	Chain Link Fence	CSO	Chain Link Fence
CLJ	Chain Link Fence	CSQ	Chain Link Fence
CLK	Chain Link Fence	CSR	Chain Link Fence
CLL	Chain Link Fence	CSU	Chain Link Fence
CLM	Chain Link Fence	CSV	Chain Link Fence
CLN	Chain Link Fence	CSW	Chain Link Fence
CLP	Chain Link Fence	CSX	Chain Link Fence
CLQ	Chain Link Fence	CSY	Chain Link Fence
CLR	Chain Link Fence	CSZ	Chain Link Fence
CLS	Chain Link Fence	CSA	Chain Link Fence
CLT	Chain Link Fence	CSB	Chain Link Fence
CLU	Chain Link Fence	CSC	Chain Link Fence
CLV	Chain Link Fence	CSD	Chain Link Fence
CLW	Chain Link Fence	CSF	Chain Link Fence
CLX	Chain Link Fence	CSG	Chain Link Fence
CLY	Chain Link Fence	CSH	Chain Link Fence
CLZ	Chain Link Fence	CSI	Chain Link Fence
CLA	Chain Link Fence	CSJ	Chain Link Fence
CLB	Chain Link Fence	CSK	Chain Link Fence
CLC	Chain Link Fence	CSL	Chain Link Fence
CLD	Chain Link Fence	CSM	Chain Link Fence
CLE	Chain Link Fence	CSN	Chain Link Fence
CLF	Chain Link Fence	CSO	Chain Link Fence
CLG	Chain Link Fence	CSV	Chain Link Fence
CLH	Chain Link Fence	CSW	Chain Link Fence
CLI	Chain Link Fence	CSX	Chain Link Fence
CLJ	Chain Link Fence	CSY	Chain Link Fence
CLK	Chain Link Fence	CSZ	Chain Link Fence
CLL	Chain Link Fence	CSA	Chain Link Fence
CLM	Chain Link Fence	CSB	Chain Link Fence
CLN	Chain Link Fence	CSC	Chain Link Fence
CLO	Chain Link Fence	CSD	Chain Link Fence
CLP	Chain Link Fence	CSF	Chain Link Fence
CLQ	Chain Link Fence	CSG	Chain Link Fence
CLR	Chain Link Fence	CSH	Chain Link Fence
CLS	Chain Link Fence	CSI	Chain Link Fence
CLT	Chain Link Fence	CSJ	Chain Link Fence
CLU	Chain Link Fence	CSK	Chain Link Fence
CLV	Chain Link Fence	CSL	Chain Link Fence
CLW	Chain Link Fence	CSM	Chain Link Fence
CLX	Chain Link Fence	CSN	Chain Link Fence
CLY	Chain Link Fence	CSO	Chain Link Fence
CLZ	Chain Link Fence	CSV	Chain Link Fence
CLA	Chain Link Fence	CSW	Chain Link Fence
CLB	Chain Link Fence	CSX	Chain Link Fence
CLC	Chain Link Fence	CSY	Chain Link Fence
CLD	Chain Link Fence	CSZ	Chain Link Fence
CLE	Chain Link Fence	CSA	Chain Link Fence
CLF	Chain Link Fence	CSB	Chain Link Fence
CLG	Chain Link Fence	CSC	Chain Link Fence
CLH	Chain Link Fence	CSD	Chain Link Fence
CLI	Chain Link Fence	CSF	Chain Link Fence
CLJ	Chain Link Fence	CSG	Chain Link Fence
CLK	Chain Link Fence	CSH	Chain Link Fence
CLL	Chain Link Fence	CSI	Chain Link Fence
CLM	Chain Link Fence	CSJ	Chain Link Fence
CLN	Chain Link Fence	CSK	Chain Link Fence
CLO	Chain Link Fence	CSL	Chain Link Fence
CLP	Chain Link Fence	CSM	Chain Link Fence
CLQ	Chain Link Fence	CSN	Chain Link Fence
CLR	Chain Link Fence	CSO	Chain Link Fence
CLS	Chain Link Fence	CSV	Chain Link Fence
CLT	Chain Link Fence	CSW	Chain Link Fence
CLU	Chain Link Fence	CSX	Chain Link Fence
CLV	Chain Link Fence	CSY	Chain Link Fence
CLW	Chain Link Fence	CSZ	Chain Link Fence
CLX	Chain Link Fence	CSA	Chain Link Fence
CLY	Chain Link Fence	CSB	Chain Link Fence
CLZ	Chain Link Fence	CSC	Chain Link Fence
CLA	Chain Link Fence	CSD	Chain Link Fence
CLB	Chain Link Fence	CSF	Chain Link Fence
CLC	Chain Link Fence	CSG	Chain Link Fence
CLD	Chain Link Fence	CSH	Chain Link Fence
CLE	Chain Link Fence	CSI	Chain Link Fence
CLF	Chain Link Fence	CSJ	Chain Link Fence
CLG	Chain Link Fence	CSK	Chain Link Fence
CLH	Chain Link Fence	CSL	Chain Link Fence
CLI	Chain Link Fence	CSM	Chain Link Fence
CLJ	Chain Link Fence	CSN	Chain Link Fence
CLK	Chain Link Fence	CSO	Chain Link Fence
CLL	Chain Link Fence	CSV	Chain Link Fence
CLM	Chain Link Fence	CSW	Chain Link Fence
CLN	Chain Link Fence	CSX	Chain Link Fence
CLO	Chain Link Fence	CSY	Chain Link Fence
CLP	Chain Link Fence	CSZ	Chain Link Fence
CLQ	Chain Link Fence	CSA	Chain Link Fence
CLR	Chain Link Fence	CSB	Chain Link Fence
CLS	Chain Link Fence	CSC	Chain Link Fence
CLT	Chain Link Fence	CSD	Chain Link Fence
CLU	Chain Link Fence	CSF	Chain Link Fence
CLV	Chain Link Fence	CSG	Chain Link Fence
CLW	Chain Link Fence	CSH	Chain Link Fence
CLX	Chain Link Fence	CSI	Chain Link Fence
CLY	Chain Link Fence	CSJ	Chain Link Fence
CLZ	Chain Link Fence	CSK	Chain Link Fence
CLA	Chain Link Fence	CSL	Chain Link Fence
CLB	Chain Link Fence	CSM	Chain Link Fence
CLC	Chain Link Fence	CSN	Chain Link Fence
CLD	Chain Link Fence	CSO	Chain Link Fence
CLE	Chain Link Fence	CSV	Chain Link Fence
CLF	Chain Link Fence	CSW	Chain Link Fence
CLG	Chain Link Fence	CSX	Chain Link Fence
CLH	Chain Link Fence	CSY	Chain Link Fence
CLI	Chain Link Fence	CSZ	Chain Link Fence
CLJ	Chain Link Fence	CSA	Chain Link Fence
CLK	Chain Link Fence	CSB	Chain Link Fence
CLL	Chain Link Fence	CSC	Chain Link Fence
CLM	Chain Link Fence	CSD	Chain Link Fence
CLN	Chain Link Fence	CSF	Chain Link Fence
CLO	Chain Link Fence	CSG	Chain Link Fence
CLP	Chain Link Fence	CSH	Chain Link Fence
CLQ	Chain Link Fence	CSI	Chain Link Fence
CLR	Chain Link Fence	CSJ	Chain Link Fence
CLS	Chain Link Fence	CSK	Chain Link Fence
CLT	Chain Link Fence	CSL	Chain Link Fence
CLU	Chain Link Fence	CSM	Chain Link Fence
CLV	Chain Link Fence	CSN	Chain Link Fence
CLW	Chain Link Fence	CSO	Chain Link Fence
CLX	Chain Link Fence	CSV	Chain Link Fence
CLY	Chain Link Fence	CSW	Chain Link Fence
CLZ	Chain Link Fence	CSX	Chain Link Fence
CLA	Chain Link Fence	CSY	Chain Link Fence
CLB	Chain Link Fence	CSZ	Chain Link Fence
CLC	Chain Link Fence	CSA	Chain Link Fence
CLD	Chain Link Fence	CSB	Chain Link Fence
CLE	Chain Link Fence	CSC	Chain Link Fence
CLF	Chain Link Fence	CSD	Chain Link Fence
CLG	Chain Link Fence	CSF	Chain Link Fence
CLH	Chain Link Fence	CSG	Chain Link Fence
CLI	Chain Link Fence	CSH	Chain Link Fence
CLJ	Chain Link Fence	CSI	Chain Link Fence
CLK	Chain Link Fence	CSJ	Chain Link Fence
CLL	Chain Link Fence	CSK	Chain Link Fence
CLM	Chain Link Fence	CSL	Chain Link Fence
CLN	Chain Link Fence	CSM	Chain Link Fence
CLO	Chain Link Fence	CSN	Chain Link Fence
CLP	Chain Link Fence	CSO	Chain Link Fence
CLQ	Chain Link Fence	CSV	Chain Link Fence
CLR	Chain Link Fence	CSW	Chain Link Fence
CLS	Chain Link Fence	CSX	Chain Link Fence
CLT	Chain Link Fence	CSY	Chain Link Fence
CLU	Chain Link Fence	CSZ	Chain Link Fence
CLV	Chain Link Fence	CSA	Chain Link Fence
CLW	Chain Link Fence	CSB	Chain Link Fence
CLX	Chain Link Fence	CSC	Chain Link Fence
CLY	Chain Link Fence	CSD	Chain Link Fence
CLZ	Chain Link Fence	CSF	Chain Link Fence
CLA	Chain Link Fence	CSG	Chain Link Fence
CLB	Chain Link Fence	CSH	Chain Link Fence
CLC	Chain Link Fence	CSI	Chain Link Fence
CLD	Chain Link Fence	CSJ	Chain Link Fence
CLE	Chain Link Fence	CSK	Chain Link Fence
CLF	Chain Link Fence	CSL	Chain Link Fence
CLG	Chain Link Fence	CSM	Chain Link Fence
CLH	Chain Link Fence	CSN	Chain Link Fence
CLI	Chain Link Fence	CSO	Chain Link Fence
CLJ	Chain Link Fence	CSV	Chain Link Fence
CLK	Chain Link Fence	CSW	Chain Link Fence
CLL	Chain Link Fence	CSX	Chain Link Fence
CLM	Chain Link Fence	CSY	Chain Link Fence
CLN	Chain Link Fence	CSZ	Chain Link Fence
CLO	Chain Link Fence	CSA	Chain Link Fence
CLP	Chain Link Fence	CSB	Chain Link Fence
CLQ	Chain Link Fence	CSC	Chain Link Fence
CLR	Chain Link Fence	CSD	Chain Link Fence
CLS	Chain Link Fence	CSF	Chain Link Fence
CLT	Chain Link Fence	CSG	Chain Link Fence
CLU	Chain Link Fence	CSH	Chain Link Fence
CLV	Chain Link Fence	CSI	Chain Link Fence
CLW	Chain Link Fence	CSJ	Chain Link Fence
CLX	Chain Link Fence	CSK	Chain Link Fence
CLY	Chain Link Fence	CSL	Chain Link Fence
CLZ	Chain Link Fence	CSM	Chain Link Fence
CLA	Chain Link Fence	CSN	Chain Link Fence
CLB	Chain Link Fence	CSO	Chain Link Fence
CLC	Chain Link Fence	CSV	Chain Link Fence
CLD	Chain Link Fence	CSW	Chain Link Fence
CLE	Chain Link Fence	CSX	Chain Link Fence
CLF	Chain Link Fence	CSY	Chain Link Fence
CLG	Chain Link Fence	CSZ	Chain Link Fence
CLH	Chain Link Fence	CSA	Chain Link Fence
CLI	Chain Link Fence	CSB	Chain Link Fence
CLJ	Chain Link Fence	CSC	Chain Link Fence
CLK	Chain Link Fence	CSD	Chain Link Fence
CLL	Chain Link Fence	CSF	Chain Link Fence
CLM	Chain Link Fence	CSG	Chain Link Fence
CLN	Chain Link Fence	CSH	Chain Link Fence
CLO	Chain Link Fence	CSI	Chain Link Fence
CLP	Chain Link Fence	CSJ	Chain Link Fence
CLQ	Chain Link Fence	CSK	Chain Link Fence
CLR	Chain Link Fence	CSL	Chain Link Fence
CLS	Chain Link Fence	CSM	Chain Link Fence
CLT	Chain Link Fence	CSN	Chain Link Fence
CLU	Chain Link Fence	CSO	Chain Link Fence
CLV	Chain Link Fence	CSV	Chain Link Fence
CLW	Chain Link Fence	CSW	Chain Link Fence
CLX	Chain Link Fence	CSX	Chain Link Fence
CLY	Chain Link Fence	CSY	Chain Link Fence
CLZ	Chain Link Fence	CSZ	Chain Link Fence
CLA	Chain Link Fence	CSA	Chain Link Fence
CLB	Chain Link Fence	CSB	Chain Link Fence
CLC	Chain Link Fence	CSC	Chain Link Fence
CLD	Chain Link Fence	CSD	Chain Link Fence
CLE	Chain Link Fence	CSF	Chain Link Fence
CLF	Chain Link Fence	CSG	Chain Link Fence
CLG	Chain Link Fence	CSH	Chain Link Fence
CLH	Chain Link Fence	CSI	Chain Link Fence
CLI	Chain Link Fence	CSJ	Chain Link Fence
CLJ	Chain Link Fence	CSK	Chain Link Fence
CLK	Chain Link Fence	CSL	Chain Link Fence
CLL	Chain Link Fence	CSM	Chain Link Fence
CLM	Chain Link Fence	CSN	Chain Link Fence
CLN	Chain Link Fence	CSO	Chain Link Fence
CLO	Chain Link Fence	CSV	Chain Link Fence
CLP	Chain Link Fence	CSW	Chain Link Fence
CLQ	Chain Link Fence	CSX	Chain Link Fence
CLR	Chain Link Fence	CSY	Chain Link Fence
CLS	Chain Link Fence	CSZ	Chain Link Fence
CLT	Chain Link Fence	CSA	Chain Link Fence
CLU	Chain Link Fence	CSB	Chain Link Fence
CLV	Chain Link Fence	CSC	Chain Link Fence
CLW	Chain Link Fence	CSD	Chain Link Fence
CLX	Chain Link Fence	CSF	Chain Link Fence
CLY	Chain Link Fence	CSG	Chain Link Fence
CLZ	Chain Link Fence	CSH	Chain Link Fence
CLA	Chain Link Fence	CSI	Chain Link Fence
CLB	Chain Link Fence	CSJ	Chain Link Fence
CLC	Chain Link Fence	CSK	Chain Link Fence
CLD	Chain Link Fence	CSL	Chain Link Fence
CLE	Chain Link Fence	CSM	Chain Link Fence
CLF	Chain Link Fence	CSN	Chain Link Fence
CLG	Chain Link Fence	CSO	Chain Link Fence
CLH	Chain Link Fence	CSV	Chain Link Fence
CLI	Chain Link Fence	CSW	Chain Link Fence
CLJ	Chain Link Fence	CSX	Chain Link Fence
CLK	Chain Link Fence	CSY	Chain Link Fence
CLL	Chain Link Fence	CSZ	Chain Link Fence
CLM	Chain Link Fence	CSA	Chain Link Fence
CLN	Chain Link Fence	CSB	Chain Link Fence
CLO	Chain Link Fence	CSC	Chain Link Fence
CLP	Chain Link Fence	CSD	Chain Link Fence
CLQ	Chain Link Fence	CSF	Chain Link Fence
CLR	Chain Link Fence	CSG	Chain Link Fence
CLS	Chain Link Fence	CSH	Chain Link Fence
CLT	Chain Link Fence	CSI	Chain Link Fence
CLU	Chain Link Fence	CSJ	Chain Link Fence
CLV	Chain Link Fence	CSK	Chain Link Fence
CLW	Chain Link Fence	CSL	Chain Link Fence
CLX	Chain Link Fence	CSM	Chain Link Fence
CLY	Chain Link Fence	CSN	Chain Link Fence
CLZ	Chain Link Fence	CSO	Chain Link Fence
CLA	Chain Link Fence	CSV	Chain Link Fence
CL			

