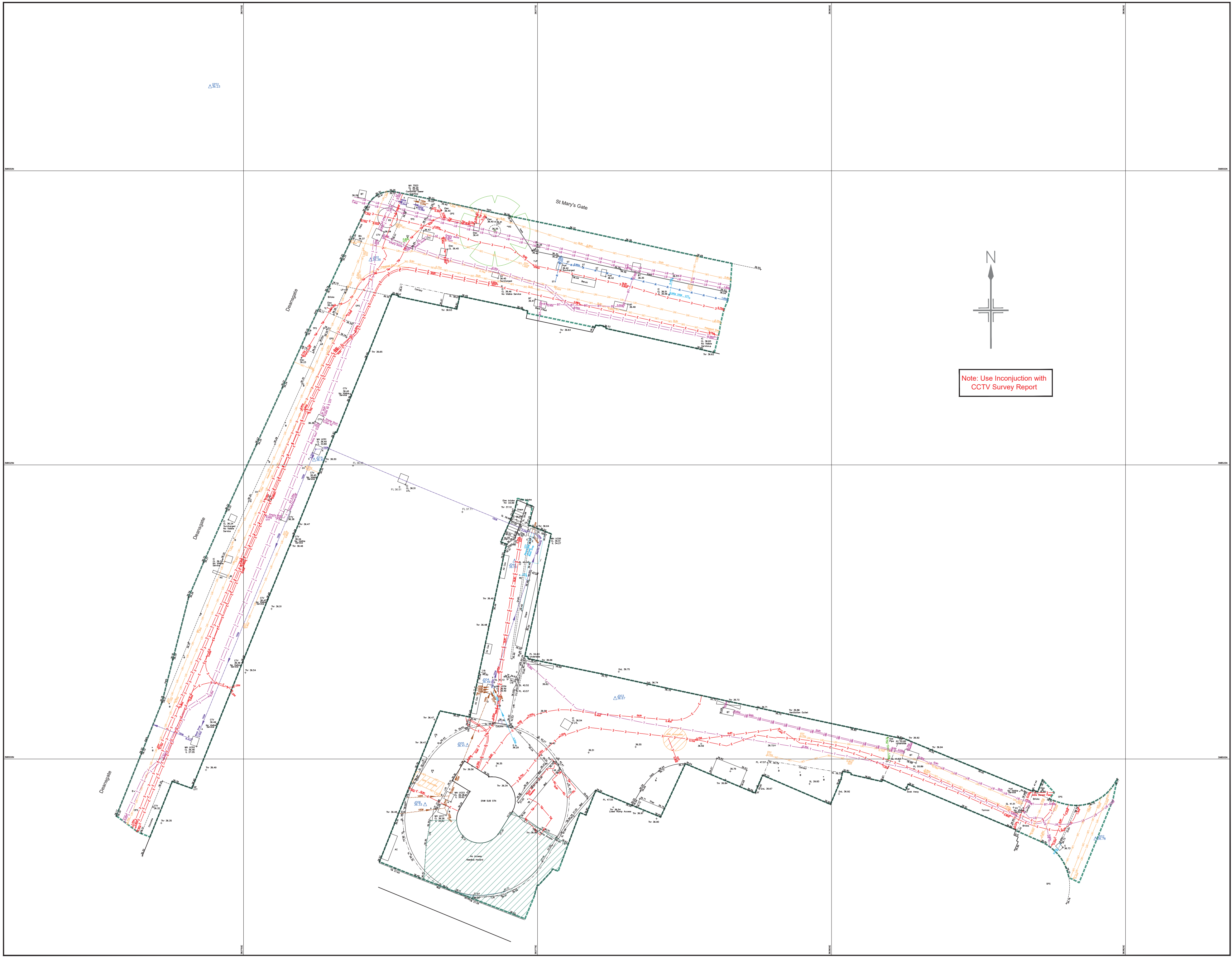

Note: Use Inconjuction with CCTV Survey Report

Topographical Survey Legend

B	Bollard	h	Height	SP	Soil pipe	Level prefix descriptions	
BS	Bus stop	Hyd	Hydrant	ST	Stop tap	AL	Arch level
BT	British telecom ic	IC	Inspection cover	Stay	Cable stay	BL	Bed level
CPS	Concrete paving slabs	JB	Junction box	SV	Stop valve	CL	Cover level
CTV	Cable television cover	KO	Kerb outlet	TCB	Telephone call box	EL	Eaves level
DP	Downpipe	LB	Letter box	TL	Traffic light	FL	Floor level
DR	Drain	LP	Lamp post	TP	Telegraph pole	IL	Invert level
Elec	Electrical ic	Mkr	Utility marker	TPS	Tactile paving slabs	PL	Parapet level
EP	Elec. pole	MP	Mile post	VP	Vent pipe	RL	Roof/ridge level
ER	Earth rod	NP	Name plate	WM	Water meter	SL	Soffit level
FP	Flagpole	P	Post	WO	Water outlet	Spr	Arch springing level
FT	Floodlight	PM	Parking meter	UTL	Unable to lift	TF	Top of fence level
G	Gully	RE	Rodding eye			TW	Top of wall level
GP	Gate post	RS	Road sign			Thr	Threshold level
GV	Gas valve	rwp	Rain water pipe			WL	Water level

Fence annotation

B/W	Barbed wire
C/B	Closed boarded
C/I	Corrugated iron
C/L	Chain link
C/P	Concrete panel
H/R	Hand rail
I/R	Iron railings
O/B	Open boarded
P/C	Post & chain
P/R	Post & rail
P/W	Post & wire
W/M	Wire mesh

C/L	Fence
Z	Safety barrier
	Gate
+	Stile
	Hedge
	Limit of foliage & tree canopy
50.00 +	Spot level
SSL1 50.00 △	Survey control station (Coordinated point)
	Tree
MT	Multi trunk

Levels defining edge of carriageway are observed at channel (bottom of kerb). Unless otherwise stated.

Drainage/Services Legend

	Foul	CCTV	CCTV		Ducting
	Surface	E	Electric		
	Combined	SL	Street lighting	d	Service depth (m)
	Drainage (unspecified)	TM	Traffic management	ø	Pipe diameter (mm)
BT	British telecom	GAS	Gas	EOT	End of trace
T	Telecom	W	Water	UTT	Unable to trace
FO	Fibre optics	F	Fuel		Utility Survey Boundary
CATV	CATV	UK	Unknown / misc		

Drainage pipe size data has been determined from the surface, in order to comply with confined spaces health and safety legislation. Please regard this data as approximate.

Survey Station Coordinates

STN	EASTING	NORTHING	LEVEL
J001	383760.80	398542.47	36.38
J002	383822.45	398493.25	36.78
J003	383781.60	398505.19	36.67
J004	383771.21	398506.20	36.49
J005	383769.03	398501.20	36.41
GPS1	383747.15	398557.18	36.23
GPS2	383851.76	398532.00	37.23
J04A	383773.05	398516.86	36.50
J006	383765.44	398496.16	36.33
J01A	383756.00	398525.45	36.40

PAS128 Quality Levels

Please refer to PAS128:2014 Table 1 - "Quality level of survey outputs (normative)" for in anticipated accuracy of quality levels.

All utilities are located to PAS128 QL-B2 unless otherwise stated.

The following table identifies the PAS128 quality level based on the text notes shown on the drawing:

Annotation found on drawing	PAS128 Quality Level
Added from records	PAS128 QL-D
Trench scar, street furniture, visual note/reference to utility	PAS128 QL-C
Assumed route	PAS128 QL-B4
Unable to obtain depth	PAS128 QL-B3
QL-B1	PAS128 QL-B1
QL-B3P	PAS128 QL-B3P
QL-B2P	PAS128 QL-B2P
QL-B1P	PAS128 QL-B1P

Quality levels ending with a "P" refer to a utility that has been located with post processed Ground Penetrating Radar (GPR).

Drawing caveats, please note:

Survey Systems Ltd carry out surveys in accordance with site procedures using approved detectors.

Depth data is limited by the accuracy of the detection equipment. Average accuracy is +/- 10% of depth with GPR and +/- 5% of the depth with electromagnetic technologies.

It is SSL's procedure to use statutory undertakers plans prior to and during the survey as a guide for the survey team.

In accordance with British Telecom's national policy survey companies are not permitted to raise BT inspection chamber covers.

Drainage routes between manholes, if not able to be traced by Locate's survey methodologies, are assumed to be direct lines between manholes.

Locate advise that excavations in the vicinity of services are carried out with due diligence, please refer to HSG47.

Please note:

Any discrepancy found between an Ordnance Survey benchmark and an OSGB15 computed orthometric height is likely to be due to bench mark subsidence or uplift and, assuming precise GPS survey has been carefully carried out, the orthometric height given by OSGB15 should be considered correct in preference to archive benchmark heights. OSGB15 converts GPS ellipsoid heights to orthometric heights above mean sea level.

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Levels are related to **OSGB15**
Value **n/a**

Coordinates are related to **National Grid** (GPS)

Scale **1:100**

0 1 2 3 4 5 6 7 8 9
metres

The accuracy of this survey is commensurate with the drawing scale specified within the title block. Copyright in this drawing remains with Survey Systems Ltd. Do not scale from this drawing, work to figured dimensions. Check all dimensions on-site. In the event of any discrepancy, please refer query to Survey Systems Ltd.

Client CBRE

Title

Topographical & Utility Survey
12-14 St Mary's Gate
Manchester
M1 1PX

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