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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

Utility survey added to topographical survey job number 21F283.

SURVEY STATIONS

Name	Easting	Northing	Height
SO1	385286.42	399010.58	52.24
SO2	385329.21	398994.58	51.80
SO3	385357.89	398962.72	51.38
SO4	385364.58	398922.66	51.14
SO5	385303.85	398897.26	51.00
SO6	385247.13	398943.24	51.49
SO7	385242.33	398977.47	51.72
SO8	385292.14	398996.66	51.87

STANDARD REFERENCE & ABBREVIATIONS

(AM).....	Assumed Mains
AV.....	Air Brick
AV.....	Air Valve
B/W.....	Barbed Wire
BAR.....	Barrier
BB.....	Bellaths Beacon
BH.....	Borehole
BL.....	Bed Level
BOL.....	Bollard
BS.....	Bus Stop
BT Box.....	British Telecom Box
BT.....	British Telecom IC
BRTR.....	Brick Retaining Wall
BR.....	Brick Wall
C/B.....	Close Boarded
C/I.....	Corrugated Iron
C/P.....	Chestnut Paling
CB.....	Control Box
CBR.....	Concrete Block Wall
CCTV.....	Closed Circuit TV
CO.....	Cable Duct
CL.....	Cellar Light
CHL.....	Chain Link
CHY.....	Chimney
CL.....	Cover Level
CM.....	Cable Marker
CN.....	Column
CP.....	Flagpole
D.T.*.....	Girth (of tree)
D.....	Dolley
DAM.....	Damion
DIP.....	Dan Inlet Pipe
DMM.....	Gas Marker
EOT.....	Gas Stop Tap (Domestic)
EOV.....	Gas Stop Valve (Mains)
HSE.....	Housing
HT.....	Height
HV.....	High Voltage
I/R.....	Iron Railing
IC.....	Inspection Cover
IL.....	Invert Level
IP.....	Inlet Pipe
KO.....	Kerb Outlet
LB.....	Letter Box
LP.....	Lamp Post
ML.....	Multi Girth
MH.....	Manhole
MKR.....	Marker
MP.....	Mooring Point
NP.....	Street Name Plate
O/H.....	Overhead
O/P.....	Open Paving
OE.....	Overhead Electric Wire
OP.....	Outfall Pipe
OSBM.....	Ordnance Survey Bench Mark
OT.....	Overhead Telecom Wire
P/G.....	Post & Chain
P/R.....	Post & Rail
P/W.....	Post & Wire
PAV.....	Paving
PB.....	Pillar Box
PC.....	Pedestrian Crossing
PP.....	Petrol Pump
PT.....	Post or Pillar
RE.....	Rodding Eye
RS.....	Road Sign
RTN.....	Retaining Wall
RWP.....	Rain Water Pipe
SAP.....	Sapling
SCYL.....	Sump Level
SFL.....	Soffit Level
SP.....	Sign Post
SPL.....	Springing Level
SRTR.....	Stone Retaining Wall
SV.....	Stop Valve (unspecified)
SVP.....	Soil Vent Pipe
SW.....	Stone Wall
TAC.....	Tactile Paving
TB.....	Traffic Bollard
TBM.....	Temporary Bench Mark
TCB.....	Telephone Call Box
TYR.....	Taken From Records
TJ.....	Anchor Point (Kerb/Poles)
TL.....	Traffic Light
TLB.....	Traffic Light Control Box
TM.....	Ticket Machine
TRE.....	Tarmac
TP.....	Telecommunications Pole
TPIT.....	Trial Pit
TS.....	Trash Screen
U/C.....	Under Construction
U/G.....	Underground
UTL.....	Unable to Lift (MH,SI etc)
UTS.....	Unable to Survey
VDP.....	Vehicle Detector Pad
VP.....	Vent Pipe
W/C.....	Water Course
WCH.....	Wash Out
WL.....	Water Level
WM.....	Water Meter
WO.....	Wash Out
WP.....	Waste Pipe
WST.....	Water Stop Tap (domestic)
WSV.....	Water Stop Valve (mains)

SW — STORM WATER SEWERS
FW — FOUL WATER SEWERS
WM — WATER MAIN
GM — GAS MAIN
EL — ELECTRIC CABLES
DUCT — CABLE DUCTING
BT — BT (UNDERGROUND) CABLE TV
CCTV — CLOSED CIRCUIT TV
UF — UNIDENTIFIED FEATURE
UP — UNIDENTIFIED PIPE
UC — UNIDENTIFIED CABLE
UNPR — UNPROVEN FEATURE
EOT — END OF TRACE
PW — LATERAL CONNECTIONS
EXTENT OF SURVEY BY SURVEY OPERATIONS LTD.
EXTENT OF SURVEY BY SURVEY OPERATIONS LTD (CCTV SURVEY NOT FOUND USING RADAR)
FWP — CONNECTIVITY BETWEEN CHAMBERS FROM CCTV REPORT
BURIED FEATURE FOUND USING RADAR

UNIDENTIFIED - A buried feature or utility that has been located, but we are unable to state what it is.
UNPROVEN - The assumed location of a reported feature or utility, shown on the record plans, but not found during the utility trace due to various reasons.
CAUTION - Electric pot ended cables, even when they are live, are unable to be detected or traced.

UNDERGROUND UTILITIES SERVICES DISCLAIMER

We have endeavoured to locate existing services using records provided by Statutory Authorities as a guide. Some apparatus were untraceable and details have therefore been taken from Utility Record Drawings, which may be of poor quality. Consequently we cannot guarantee accuracy of information taken from such records.

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 approximate.

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 pipework 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 (HSG47) 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 TX3
B: Tesla 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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Client
Mace Limited

Drawing Title
Utility Survey of Land at:
Rodney Street
Manchester

Scale(s)	1:200	Surveyor	CS
Date	Aug 21	Drawn	AC
Job Number	21G134	Checked	SO

Sheet Size & Drg Number & Revision
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