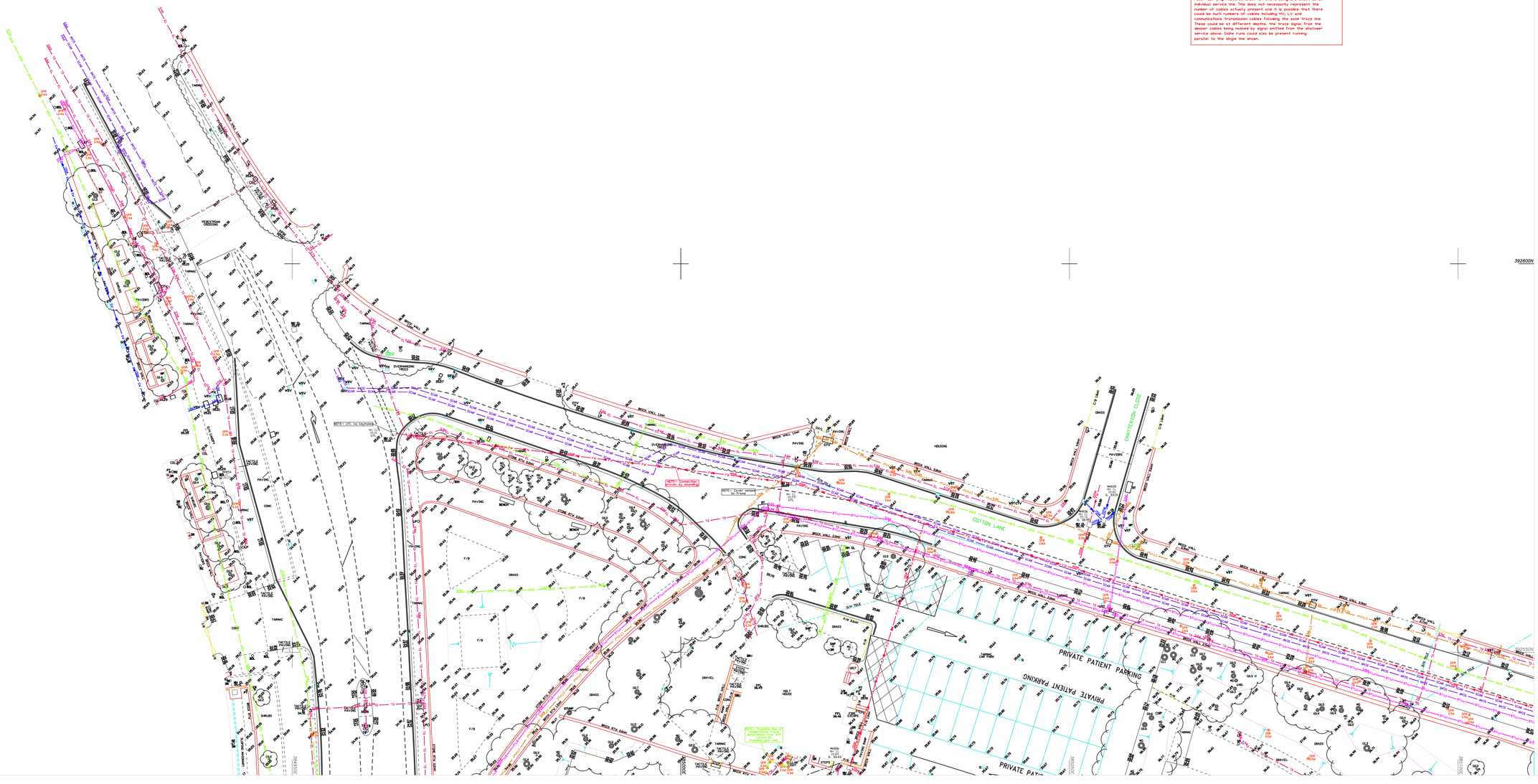
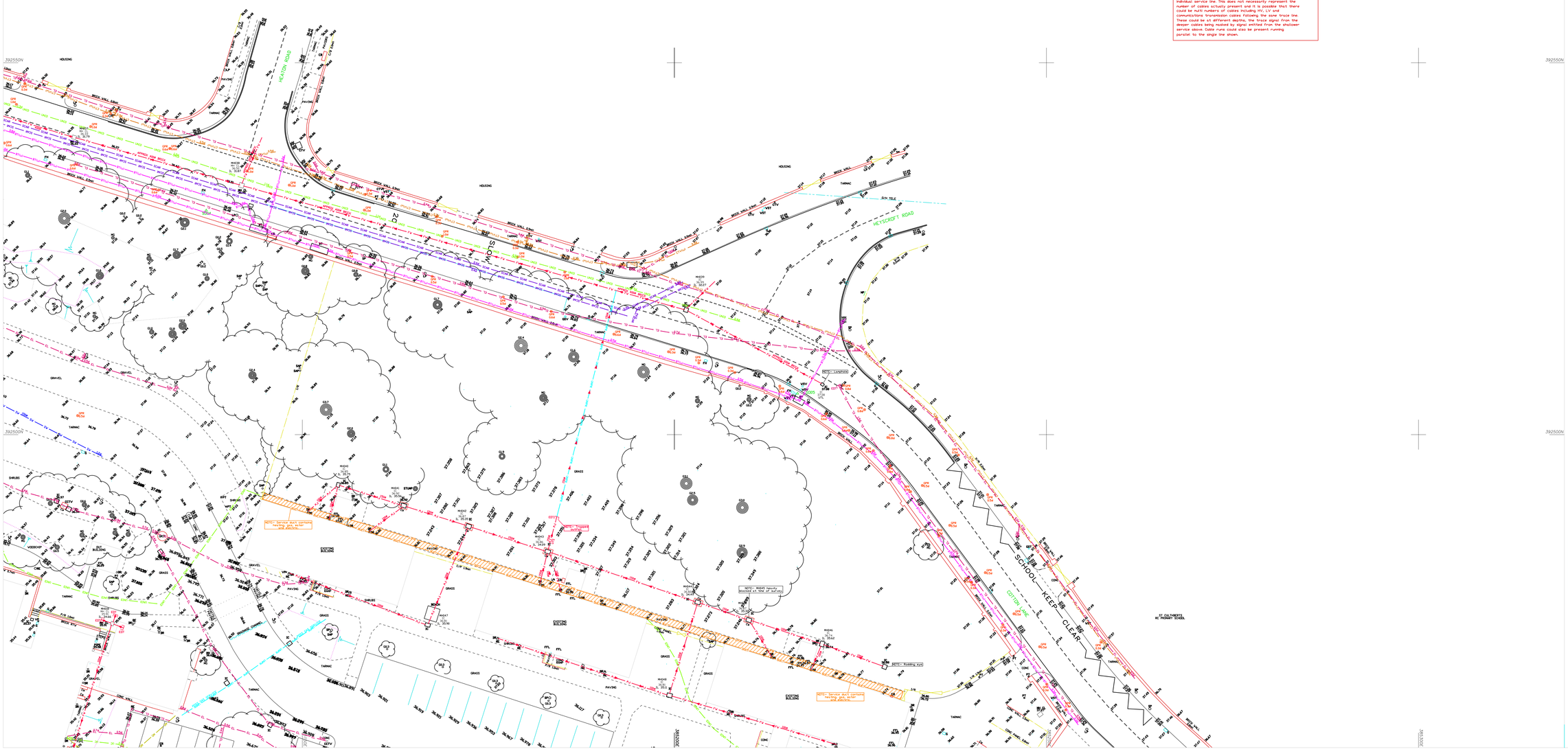

392650E
393000E
393350E
393700E
392650N
392600N
392550N
COTTON LANE
CHATTERTON CLOSE
PRIVATE PATIENT PARKING
PRIVATE PATIENT PARKING
PRIVATE PATIENT PARKING
HOUSING
HOUSE
BRICK WALL 1.8m
BRICK WALL 2.0m
BRICK WALL 2.5m
STONE RTN WALL 0.6m
STONE RTN WALL 1.0m
STONE RTN WALL 1.2m
PAVING
TARMAC
CONC
GRASS
GRAVEL
SHRUBS
HEDGE
TREE
NOTE: Possible line of underground drain detected from CCTV survey
NOTE: Ground obscured by trees
NOTE: Ground obscured by shrubs
NOTE: UTL no keyhole
DIVERGENCE VALVE
PUMPING STATION
ELECTRICITY SUB STATION
GAS GOVERNOR
TELEPHONE EXCH
TELEPHONE KIOSK
FIRE HYDRANT
FLOOD LIGHT
FLAGPOLE
SIGN
BUS STOP
BOLLARD
GUARD RAIL
GUARD POST
GATE
STEPS
RAMP
KERB
CHANNEL
MANHOLE
INSPECTION COVER
GULLY
GRATE
CATCH PIT
SOIL VENT PIPE
VENT PIPE
RODDING EYE
INVERT LEVEL
SURFACE LEVEL
CABLE MARKER
CABLE TV
TELEPHONE
ELECTRICITY
GAS
WATER
SEWER
DRAIN
CULVERT
CCTV
TRAFFIC SIGNAL
TRAFFIC LIGHT
TREE
HEDGE
SHRUBS
GRASS
GRAVEL
PAVING
TARMAC
CONC
BRICK WALL
STONE WALL
RAILINGS
FENCE



SV SV STORM WATER SEWERS
FV FV FOUL WATER SEWERS
CS CS COMBINED WATER SEWERS
WM WM WATER MAIN
CV CULVERTED WATER
GM GM GAS MAIN
HV HV HV ELECTRIC CABLES
EL EL ELECTRIC CABLES
DUCT CABLE DUCTING
HT HT L/G HEATING
PA PA PUBLIC ADDRESS SYSTEMS
FL FL FUEL LINE
BT BT (UNDERGROUND)
TW TW TELEMETRY SYSTEMS
COMS COMS COMMUNICATIONS CABLES
CTV(u) CABLE TV
TS TS TRAFFIC CONTROL SIGNAL
CCTV CLOSED CIRCUIT TV
UNID UNIDENTIFIED FEATURE
UP UP UNIDENTIFIED PIPE
UC UC UNIDENTIFIED CABLE
UNPR UNPROVEN FEATURE
SCAR SCAR SERVICES SCAR
AS AS ABANDONED SERVICE / UTILITY
SV SV END OF TRACE
FV FV
EXTENT OF SURVEY BY SURVEY OPERATIONS LTD.
GPR 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 laction of a reported feature or utility, usually taken from records, but not found during the utility trace (due to various conditions).

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. Sone apparatus were unbraceable and details have therefore been taken from Utility Record Drawings, which may be of poor quality. Consequently we cannot guarantee accuracy of information

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 TX2
& Mala 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.

© Survey Operations Limited 2011
Reproduction in whole or in part by any means is prohibited without the prior permission of Survey Operations Limited.

N

Notes:

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.

Utility survey added to topographical survey job No. 10LO10.

Drainage information must be verified with local authority records before use

SURVEY STATIONS

Name	Eastings	Northings	Heights
5001	384951.08	392498.82	34.70
5002	384992.31	392588.70	35.39
5003	385058.60	392563.29	35.84
5004	385137.08	392530.15	36.52
5005	385216.56	392505.52	37.05
5006	385280.35	392448.68	37.45
5007	385322.52	392415.89	37.55
5008	385355.84	392369.16	37.79
5009	385005.64	392336.16	34.79
5010	384920.04	392335.76	34.31
5011	384942.26	392404.49	34.48
5012	385085.59	392350.77	35.02
5013	385116.75	392448.06	35.83
5014	385023.51	392476.75	34.88

STANDARD REFERENCE & ABBREVIATIONS

LM)..... Assumed Route
AV)..... Air Valve
B/H..... Barbed Wire
BB)..... Belisha Beacon
BH)..... Borehole
B.....Bed Level
BS)..... Box Strip
BT Box..... British Telecom Box
BT..... British Telecom CC
BW..... Brick Wall
Bar..... Barrier
Bol..... Bollard
C/B..... Close Boarded
C/I..... Corrugated Iron
C/P..... Chestnut Paling
CB..... Control Box
CCTV..... Closed Circuit TV
CD..... Cable Duct
Ch)..... Chain Link
CL)..... Cover Level
CM..... Cable Marker
COL..... Column
CONC..... Concrete
CP..... Catch Pit
CTV..... Cable Television
CW..... Concrete Block Wall
Chy..... Chimney
D)).....Gullwell
D.C..... Drainage Channel
DP..... Down Pipe
DR..... Drain
ECP..... Electricity Cable Pit
EJ)..... Electricity Inspection Cover
EM..... Electricity Meter
EP..... Electricity Pole
ER..... Earth Rod
ET)..... Electricity Transmission Line
F/B..... Flower Bed
FBL)..... Coloured Floor Level)
FH..... Fire Hydrant
FL..... Floor Level
FP..... Flagpole
G~"..... Kerb (of tree)
G..... Gulley
GP..... Guide Post
GSV..... Gas Stop Valve
HDG..... Hedging
HV..... High Voltage
HT..... Height
I/R..... Iron Railing
IC..... Inspection Cover
IL)..... Invert Level
KO)..... Kerb Outlet
LB..... Letter Box
LP..... Lamp Post
MG)..... Multi Guith
MH..... Manhole
MKR..... Marker
MP_BS..... Mile Post or Stone
NP..... Street Name Plate
O/H..... Overhead
O/P..... Open Paling
OSBM..... Ordnance Survey Bench Mark
P/C..... 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
RTW..... Retaining Wall
RWP..... Rain Water Pipe
SAP..... Sapling
SL..... Sump Level
SP..... Sign Post
SS..... Stop Valve (unspecified)
SVP..... Soil Vent Pipe
SW..... Stone Wall
SWL..... Soffit Level
T)..... Traffic Bollard
TBM..... Temporary Bench Mark
TCB..... Telephone Call Box
TFB..... Timber Free Bollards
TJS..... Anchor Point (Guys/Stays)
TL)..... Traffic Light
TLB..... Traffic Light Control Box
TM..... Ticket Machine
TMC..... Tarmac
TP..... Telecommunications Pole
TWL)..... Flood Pit
UCO..... Under Construction
UG..... Underground
UTL)..... Unable to Lift (BM,IC etc)
VDP..... Vehicle Detector Pad
VP..... Vent Pipe
W/B..... Kerb Mark
WL)..... Water Level
WM..... Water Meter
WO..... Wash Out
WSP..... Water Stop Tap (domestic)
WSV..... Water Stop Valve (mains)

SurveY OPERATIONS
Smith Street, Skelmersdale, Lancs, WN8 8LN
Tel: 01695 725662 Fax: 01695 51816
Email: mail@surveyops.co.uk - www.surveyops.co.uk

Client
Wilson Mason and Partners
Upland House, Spring Lane
Samlesbury
PR5 0UX

Drawing Title
Utility Survey of Land at:
Manchester University
MCRC Building
Sheet 2 of 4

Scale(s) 1:200	Surveyor PG
Date JAN 11	Drawn IT
Job Number 11A152	Checked PG/SG

Sheet Size & Drg Number & Revision
A0 11A152/002

SV SV	STORM WATER SEWERS
FV FV	FOUL WATER SEWERS
CS CS	COMBINED WATER SEWERS
WM WM	WATER MAIN
CV CV	CULVERTED WATER
GM GM	GAS MAIN
HV HV	HV ELECTRIC CABLES
EL EL	ELECTRIC CABLES
DUCT	CABLE DUCTING
HT HT	U/G HEATING
PA PA	PUBLIC ADDRESS SYSTEMS
FL FL	FUEL LINE
BTduct	BT (UNDERGROUND)
TM TM	TELEMETRY SYSTEMS
COMS	COMMUNICATIONS CABLES
CTVduct	CABLE TV
TS TS	TRAFFIC CONTROL SIGNAL
CCTV	CLOSED CIRCUIT TV
UNID	UNIDENTIFIED FEATURE
UP	UNIDENTIFIED PIPE
UC	UNIDENTIFIED CABLE
UNPR	UNPROVEN FEATURE
SCAR	SERVICES SCAR
AS	ABANDONED SERVICE / UTILITY
SV FW	END OF TRACE
FV FW	EXTENT OF SURVEY BY SURVEY OPERATIONS LTD.
GPR	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, usually taken from records, but not found during the utility trace (due to various conditions).

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.

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 TX2
B: Mala 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.

© Survey Operations Limited 2011
Reproduction in whole or in part by any means is prohibited without the prior permission of Survey Operations Limited.

Notes:

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.

Utility survey added to topographical survey job No. 10L010.

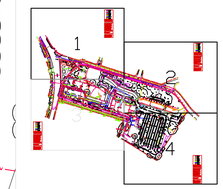
Drainage information must be verified with local authority records before use

SURVEY STATIONS

Name	Eastings	Northings	Height
SS01	384951.08	392488.82	34.70
SS02	384950.31	392588.70	35.39
SS03	385058.60	392563.29	35.84
SS04	385137.08	392530.15	36.52
SS05	385216.56	392500.52	37.05
SS06	385289.35	392448.68	37.45
SS07	385322.52	392415.89	37.59
SS08	385355.84	392382.16	37.70
SS09	385205.64	392339.16	34.79
SS10	384920.04	392333.76	34.31
SS11	384941.26	392424.49	34.48
SS12	385085.59	392350.77	35.02
SS13	385116.75	392448.06	35.53
SS14	385023.51	392476.75	34.88

STANDARD REFERENCE & ABBREVIATIONS

(AR)..... Assumed Route	IC..... Inspection Cover
AV..... Air Valve	IL..... Invert Level
B/W..... Barbed Wire	KO..... Kerb Outlet
BO..... Bollards Beacon	LB..... Letter Box
BU..... Bushes/s	LP..... Lamp Post
BL..... Bed Level	MH..... Multi Outlt
BO..... Bus Stop	MH..... Manhole
BT Bol.. British Telcom Box	MKR..... Marker
BT..... British Telcom CC	MP_BH..... Mile Post or Stone
BW..... Bridge Wall	NM..... Street Name Plate
Bar..... Barrier	O/H..... Overhead
Bol..... Bollard	O/P..... Open Paling
Bo..... Close Boarded	OSBM..... Ordnance Survey Bench Mark
C/T..... Corrugated Iron	P/C..... Post & Chain
C/P..... Chestnut Paling	P/R..... Post & Rail
CB..... Control Box	P/W..... Post & Wire
CCTV..... Closed Circuit TV	PAV..... Paving
CD..... Cable Duct	PB..... Pillar Box
Ch(L)..... Chain Link	PC..... Pedestrian Crossing
CL..... Cover Level	PP..... Petrol Pump
CM..... Cable Marker	PT..... Post or Pillar
COL..... Column	RE..... Rodding Eye
CONC..... Concrete	RG..... Road Sign
CP..... Catch Pit	RTN..... Retaining Wall
CTV..... Cable Television	RWP..... Rain Water Pipe
CW..... Concrete Block Wall	SAP..... Sapling
Chy..... Chimney	SL..... Sump Level
CU..... Culvert	SP..... Sign Post
D.C..... Drainage Channel	SW..... Stop Valve (unspecified)
DP..... Down Pipe	SVP..... Soil Vent Pipe
EN..... Engs	TB..... Stone Wall
ESP..... Electricity Cable Pit	TCL..... Traffic Control Box
ESC..... Electricity Inspection Cover	TL..... Traffic Bollard
ESI..... Engineers shaft	TMB..... Temporary Bench Mark
EJB..... Electricity Junction Box	TCB..... Telephone Call Box
ET SUB ETh.. Electricity Sub Station	TPB..... Taken From Records
EL..... Eaves Level	TSS..... Another Point (Mostly Pickets)
ELB..... Electricity Box	TL..... Traffic Light
EP..... Electricity Pole	TLB..... Traffic Light Control Box
ER..... Earth Rod	TM..... Ticket Machine
ETL..... Electricity Transmission Line	TW..... Tarmac
F.B..... Flower Bed	TP..... Telecommunications Pole
FFL..... Furnished Floor Level	TP(I)..... Trial Pit
FH..... Fire Hydrant	U/C..... Under Construction
FL..... Floor Level	U/G..... Underground
FP..... Flagpole	UTL..... Unable to Lift (BM,SS etc)
G^..... Gurrk (of tree)	VDP..... Vehicle Detector Pad
G..... Gutter	VP..... Vent Pipe
GP..... Guide Post	W/M..... Wire Mesh
GSV..... Gas Stop Valve	WL..... Water Level
HG..... Hedging	WR..... Water Meter
HV..... High Voltage	WO..... Wash Out
Ht..... Height	WSC..... Water Stop Tap (Domestic)
I/R..... Iron Railing	WSV..... Water Stop Valve (mains)



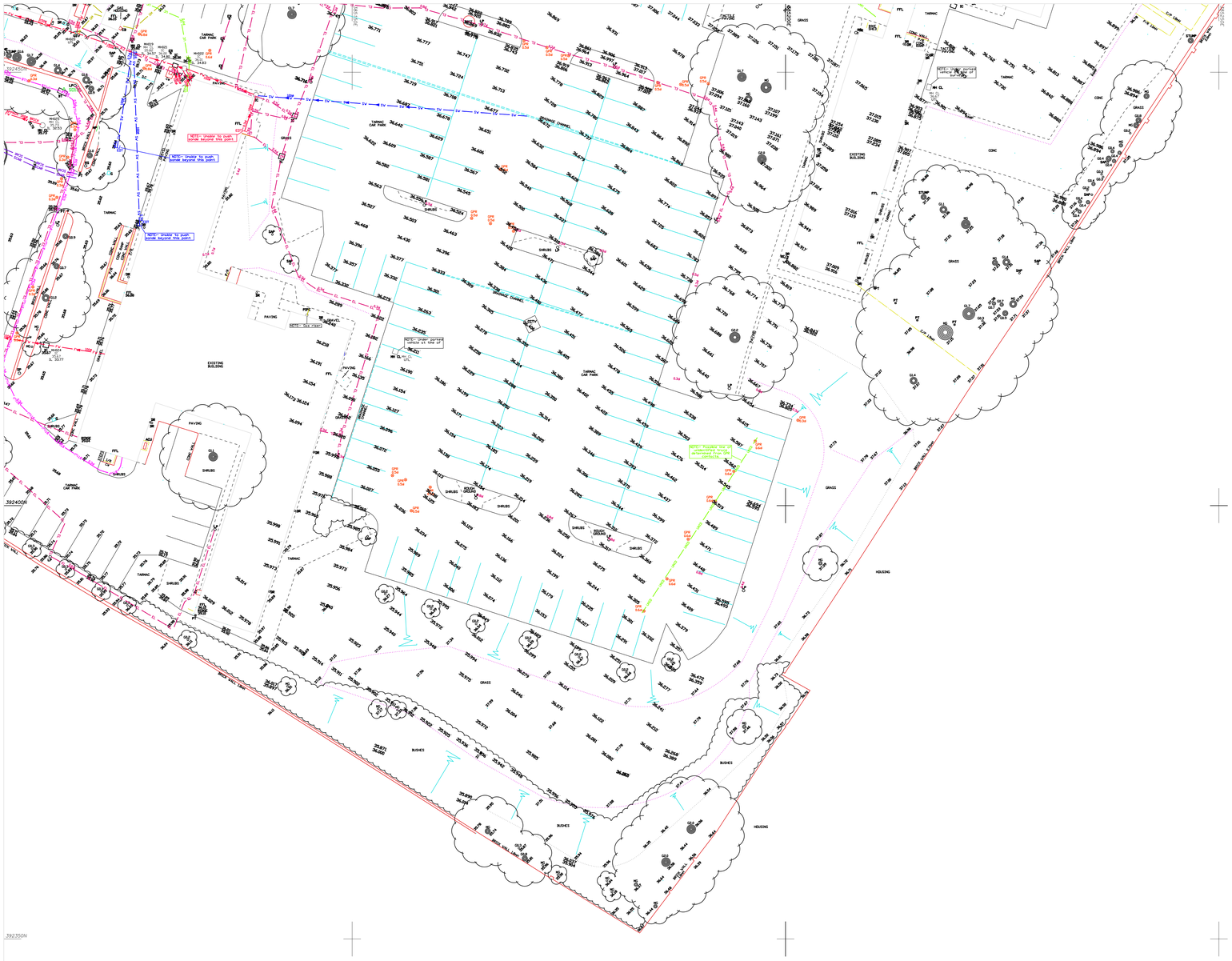
SurveY OPERATIONS
Smith Street, Skelmersdale, Lancs. WN8 8LN
Tel: 01695 725662 Fax: 01695 51816
Email: mail@survops.co.uk – www.survops.co.uk

Client
Wilson Mason and Partners
Upland House, Spring Lane
Samlesbury
PR5 0UX

Drawing Title
Utility Survey of Land at:
Manchester University
MCRC Building
Sheet 3 of 4

Scale(s) 1:200	Surveyor PG
Date JAN 11	Drawn IT
Job Number 11A152	Checked PG/SG

Sheet Size & Drg Number & Revision
A0 11A152/003



© Survey Operations Limited 2011
Reproduction in whole or in part by any means is prohibited without the prior permission of Survey Operations Limited.

Notes:

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.

Utility survey added to topographical survey job No. 10LO10.

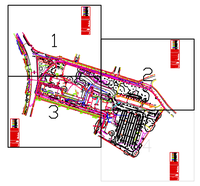
Drainage information must be verified with local authority records before use

SURVEY STATIONS

Name	Eastings	Northings	Heights
5001	384951.08	392498.82	34.70
5002	384960.31	392568.70	35.39
5003	385058.60	392563.29	35.84
5004	385137.08	392530.15	36.52
5005	385216.56	392505.52	37.05
5006	385280.35	392448.68	37.45
5007	385322.52	392415.89	37.55
5008	385359.84	392369.16	37.70
5009	385205.64	392358.16	34.79
5010	384920.04	392333.76	34.31
5011	384942.26	392404.49	34.48
5012	385085.59	392350.77	35.02
5013	385116.75	392448.06	35.33
5014	385023.51	392476.75	34.88

STANDARD REFERENCE & ABBREVIATIONS

(AR)..... Assumed Route	IC..... Inspection Cover
AV..... Air Valve	IL..... Invert Level
B/W..... Barbed Wire	KO..... Kerb Outlet
BB..... Belisha Beacon	LB..... Letter Box
BM..... Benchmark	LP..... Lamp Post
BL..... Bed Level	MG..... Multi Guith
BO..... Box Step	MH..... Manhole
BT Box..... British Telecom Box	MKR..... Marker
BT..... British Telecom IC	MP_BS..... Mile Post or Stone
BW..... Brick Wall	NP..... Street Name Plate
Bar..... Barrier	O/H..... Overhead
Bol..... Bollard	O/P..... Open Paling
C/B..... Close Boarded	OSBM..... Ordnance Survey Bench Mark
C/I..... Corrugated Iron	P/C..... Post & Chain
C/P..... Chestnut Paling	P/R..... Post & Rail
CB..... Control Box	P/W..... Post & Wire
CCTV..... Closed Circuit TV	PAV..... Paving
CD..... Cable Duct	PB..... Pillar Box
CH/L..... Chain Link	PC..... Pedestrian Crossing
CL..... Cover Level	PP..... Petrol Pump
CM..... Cable Marker	PT..... Post or Pillar
COL..... Column	RE..... Rodding Eye
CONC..... Concrete	RG..... Road Sign
CP..... Catch Pit	RTB..... Retaining Wall
CTV..... Cable Television	RWP..... Rain Water Pipe
CW..... Concrete Block Wall	SAP..... Sapling
Chy..... Chimney	SL..... Sump Level
Col..... Collapse	SP..... Sign Post
D.C..... Drainage Channel	SV..... Stop Valve (unspecified)
DP..... Down Pipe	SVP..... Soil Vent Pipe
DR..... Drain	SW..... Stone Wall
ESP..... Electricity Cable Pit	Sch..... Soffit Level
ESC..... Electricity Inspection Cover	TB..... Traffic Bollard
Ex..... Expansion Joint	TBM..... Temporary Bench Mark
EJB..... Electricity Junction Box	TCB..... Telephone Call Box
EL SUB STN..Electricity Sub Station	TFR..... Taken From Records
EL..... Eaves Level	TIE..... Anchor Point (Boats/Moles)
ELB..... Electricity Box	TL..... Traffic Light
EP..... Electricity Pole	TLB..... Traffic Light Control Box
ER..... Earth Rod	TR..... Timber Revtain
ETL..... Electricity Transmission Line	TWC..... Turnoo
F/B..... Flower Bed	TP..... Telecommunications Pole
FFL..... Finished Floor Level	TRIG..... Trial Pit
FH..... Fire Hydrant	U/C..... Under Construction
FL..... Floor Level	U/G..... Underground
FP..... Flagpole	UTL..... Unable to Lift (BW,SS etc)
H.*..... Birch (of tree)	VDP..... Vehicle Detector Pad
H..... Hollie	VT..... Vent Pipe
HP..... Guide Post	W/M..... Wire Mesh
HSV..... Hse Stop Valve	WL..... Water Level
HW..... Hoarding	WM..... Water Meter
HV..... High Voltage	WO..... Wash Out
Ht..... Height	WSV..... Water Stop Tap (domestic)
I/R..... Iron Railing	WSV..... Water Stop Valve (mains)



STORM WATER SEWERS
FOUL WATER SEWERS
COMBINED WATER SEWERS
WATER MAIN
CULVERTED WATER
GAS MAIN
HV ELECTRIC CABLES
ELECTRIC CABLES
CABLE DUCTING
U/G HEATING
PUBLIC ADDRESS SYSTEMS
FUEL LINE
BT (UNDERGROUND)
TELEMETRY SYSTEMS
COMMUNICATIONS CABLES
CABLE TV
TRAFFIC CONTROL SIGNAL
CLOSED CIRCUIT TV
UNIDENTIFIED FEATURE
UNIDENTIFIED PIPE
UNIDENTIFIED CABLE
UNPROVEN FEATURE
SERVICES SCAN
ABANDONED SERVICE / UTILITY
END OF TRACE
EXTENT OF SURVEY BY SURVEY OPERATIONS LTD.
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, usually taken from records, but not found during the utility trace (due to various conditions).

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

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 TID
B Mala 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.

Survey OPERATIONS
Smith Street, Skelmersdale, Lancs. WN8 8LN
Tel: 01695 725662 Fax: 01695 51816
Email: mail@survops.co.uk - www.survops.co.uk

Client
Wilson Mason and Partners
Upland House, Spring Lane
Samlesbury
PR5 0UX

Drawing Title
Utility Survey of Land at:
Manchester University
MCRC Building
Sheet 4 of 4

Scale(s) 1:200	Surveyor PG
Date JAN 11	Drawn IT
Job Number 11A152	Checked PG/SG

Sheet Size & Drg Number & Revision
A0 11A152/004