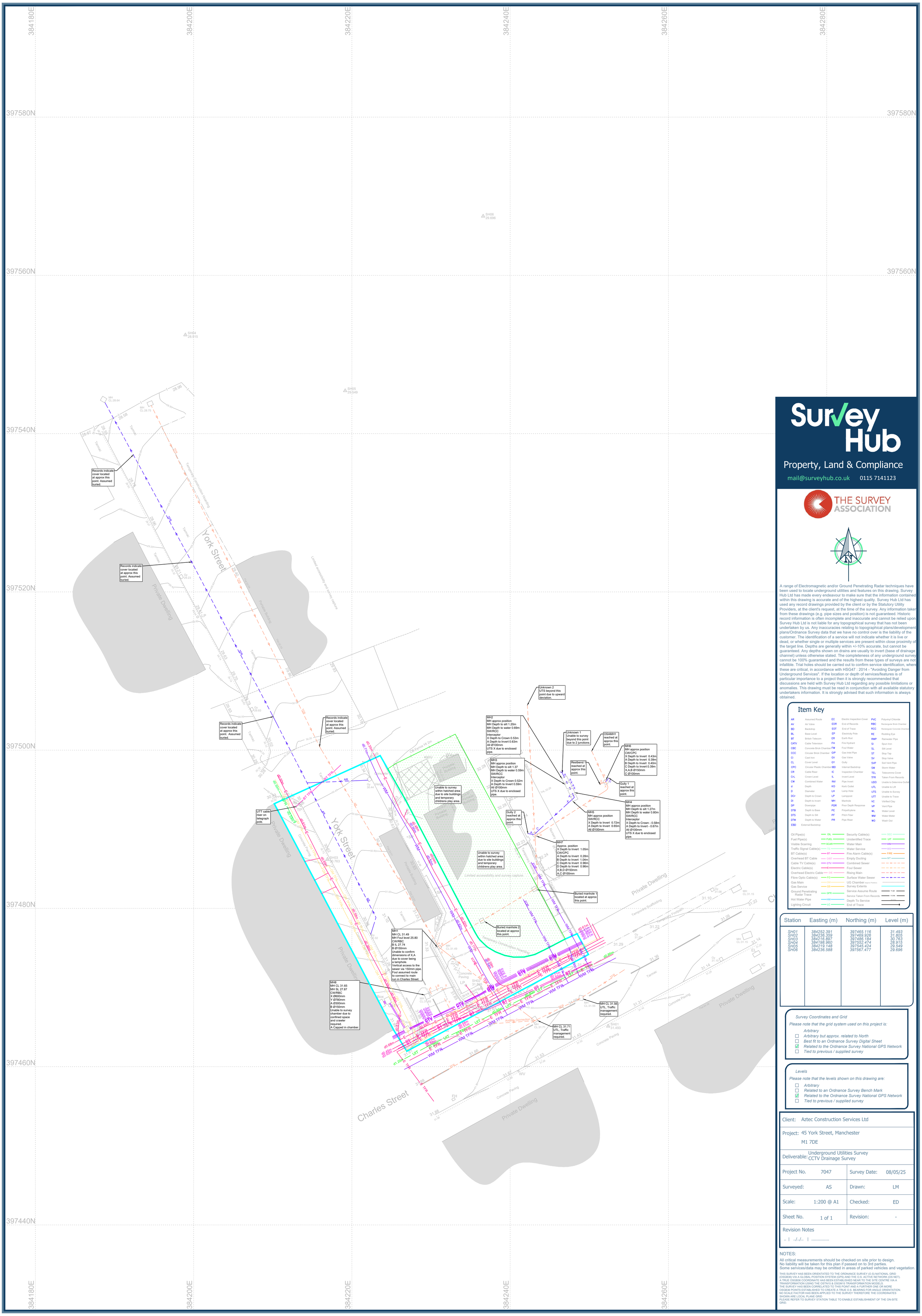

384180E
384200E
384220E
384240E
384260E
384280E
397580N
397560N
397540N
397520N
397500N
397480N
397460N
397440N
SH01 31.493
SH02 31.805
SH03 30.763
SH04 28.915
SH05 29.549
SH06 29.696
York Street
Charles Street
Private Dwelling
Limited accessibility and survey capture.
Unable to survey within hatched area due to site buildings and temporary childrens play area.
Temporary Construction Hoarding
Temporary Scaffolding
Temporary Footpath
Portable Building
Concrete Paving
Tarmac
Records indicate cover located at approx this point. Assumed buried.
UTT cable riser on telegraph pole.
MH1
MH CL 31.49
MH Foul level 25.80
CW/RBC
B IL 27.74
B Ø150mm
Unable to confirm dimensions of X,A due to cover being a lamphole.
Vertical access to the sewer via 150mm pipe.
Foul assumed route to connect to main run in Charles Street.
MH2
MH approx position
MH Depth to silt 1.20m
MH Depth to water 0.69m
SW/RCC
Interceptor
X Depth to Crown 0.53m
A Depth to Invert 0.63m
All Ø100mm
UTS X due to enclosed pipe.
Unknown 2
UTS beyond this point due to upward deviation.
MH3
MH approx position
MH Depth to silt 1.37
MH Depth to water 0.59m
SW/RCC
Interceptor
X Depth to Crown 0.52m
A Depth to Invert 0.59m
All Ø100mm
UTS X due to enclosed pipe.
Unknown 1
Unable to survey beyond this point due to 2 junctions.
OSAMH1 reached at approx this point.
Restbend 1 reached at approx this point.
Gully 1 reached at approx this point.
MH6
MH approx position
CW/CPC
X Depth to Invert 0.43m
A Depth to Invert 0.39m
B Depth to Invert 0.40m
C Depth to Invert 0.39m
X,A,B Ø150mm
C Ø100mm
MH4
MH approx position
MH Depth to silt 1.27m
MH Depth to water 0.80m
SW/RCC
Interceptor
X Depth to Crown - 0.58m
A Depth to Invert - 0.67m
All Ø100mm
UTS X due to enclosed pipe.
MH5
MH approx position
SW/RCC
X Depth to Invert 0.72m
A Depth to Invert 0.65m
All Ø100mm
Gully 2 reached at approx this point.
MH7
Approx. position
X Depth to Invert 1.05m
CW/CPC
A Depth to Invert 0.28m
B Depth to Invert 1.04m
C Depth to Invert 0.96m
D Depth to Invert 0.96m
X,B,D Ø150mm
A,C Ø100mm
Buried manhole 1 located at approx this point.
Buried manhole 2 located at approx this point.
MH8
MH CL 31.65
MH SL 27.87
CW/RBC
X Ø600mm
Y Ø780mm
A Ø300mm
B Ø150mm
Unable to survey chamber due to confined space and crawler required.
A Capped in chamber.
MH CL 31.56
UTL, Traffic management required.
MH CL 31.71
UTL, Traffic management required.
Audible Connection
Survey Hub
Property, Land & Compliance
mail@surveyhub.co.uk
0115 7141123
THE SURVEY ASSOCIATION
A range of Electromagnetic and/or Ground Penetrating Radar techniques have been used to locate underground utilities and features on this drawing. Survey Hub Ltd has made every endeavour to make sure that the information contained within this drawing is accurate and of the highest quality. Survey Hub Ltd has used any record drawings provided by the client or by the Statutory Utility Providers, at the client's request, at the time of the survey. Any information taken from these drawings (e.g. pipe sizes and position) is not guaranteed. Historic record information is often incomplete and inaccurate and cannot be relied upon Survey Hub Ltd is not liable for any topographical survey that has not been undertaken by us. Any inaccuracies relating to topographical plans/development plans/Ordnance Survey data that we have no control over is the liability of the customer. The identification of a service will not indicate whether it is live or dead, or whether single or multiple services are present within close proximity of the target line. Depths are generally within +/-10% accurate, but cannot be guaranteed. Any depths shown on drains are usually to invert (base of drainage channel) unless otherwise stated. The completeness of any underground survey cannot be 100% guaranteed and the results from these types of surveys are not infallible. Trial holes should be carried out to confirm service identification, where these are critical, in accordance with HSG47 : 2014 - "Avoiding Danger from Underground Services". If the location or depth of services/features is of particular importance to a project then it is strongly recommended that discussions are held with Survey Hub Ltd regarding any possible limitations or anomalies. This drawing must be read in conjunction with all available statutory undertakers information. It is strongly advised that such information is always obtained.
Item Key
AR Assumed Route
AV Air Valve
BD Backdrop
BL Base Level
BT British Telecom
CATV Cable Television
CBC Concrete Brick Chamber
CCC Circular Brick Chamber
CI Cast Iron
CL Cover Level
CPC Circular Plastic Chamber
CR Cable Riser
CrL Crown Level
CW Combined Water
d Depth
D Diameter
DCr Depth to Crown
DI Depth to Invert
DP Downpipe
DTB Depth to Base
DTS Depth to Silt
DTW Depth to Water
EBD External Backdrop
EC Electric Inspection Cover
EOR End of Records
EOT End of Trace
EP Electricity Pole
ER Earth Rod
FH Fire Hydrant
FW Foul Water
GIP Gas Inlet Pipe
GV Gas Valve
GY Gully
IBD Internal Backdrop
IC Inspection Chamber
IL Invert Level
INV Pipe Invert
KO Kerb Outlet
LH Lamp Hole
LP Lamppost
MH Manhole
PDR Poor Depth Response
PE Polyethylene
PF Pitch Fiber
PR Pipe Riser
PVC Polyvinyl Chloride
RBC Rectangular Brick Chamber
RCC Rectangular Concrete Chamber
RE Rodding Eye
RWP Rainwater Pipe
SI Spun Iron
SL Silt Level
ST Stop Tap
SV Stop Valve
SVP Soil Vent Pipe
SW Storm Water
TEL Telecomms Cover
TFR Taken From Records
UDO Unable to Determine Outfall
UTL Unable to Lift
UTS Unable to Survey
UTT Unable to Trace
VC Vitrified Clay
VP Vent Pipe
WL Water Level
WM Water Meter
WO Wash Out
Oil Pipe(s) OIL
Fuel Pipe(s) FUEL
Visible Scarring SCAR
Traffic Signal Cable(s) TS
BT Cable(s) BT
Overhead BT Cable OHBT
Cable TV Cable(s) CTV
Electric Cable(s) E
Overhead Electric Cable OHE
Fibre Optic Cable(s) FO
Gas Main GM
Gas Service GS
Ground Penetrating Radar Trace GPR
Hot Water Pipe HW
Lighting Circuit LC
Security Cable(s) SEC
Unidentified Trace UIT
Water Main WM
Water Service WS
Fire Alarm Cable(s) FIRE
Empty Ducting MT
Combined Sewer
Foul Sewer
Rising Main
Surface Water Sewer
UG Chamber (Approx Position)
Survey Extents
Service Assume Route TRAR
Service Taken From Records TRTFR
Depth To Service TRDTS
End of Trace
Station | Easting (m) | Northing (m) | Level (m)
SH01 | 384252.391 | 397465.116 | 31.493
SH02 | 384236.359 | 397469.926 | 31.805
SH03 | 384216.897 | 397485.184 | 30.763
SH04 | 384198.960 | 397552.474 | 28.915
SH05 | 384219.148 | 397545.424 | 29.549
SH06 | 384236.588 | 397567.477 | 29.696
Survey Coordinates and Grid
Please note that the grid system used on this project is:
☐ Arbitrary
☐ Arbitrary but approx. related to North
☐ Best fit to an Ordnance Survey Digital Sheet
☑ Related to the Ordnance Survey National GPS Network
☐ Tied to previous / supplied survey
Levels
Please note that the levels shown on this drawing are:
☐ Arbitrary
☐ Related to an Ordnance Survey Bench Mark
☑ Related to the Ordnance Survey National GPS Network
☐ Tied to previous / supplied survey
Client: Aztec Construction Services Ltd
Project: 45 York Street, Manchester M1 7DE
Deliverable: Underground Utilities Survey CCTV Drainage Survey
Project No. 7047
Survey Date: 08/05/25
Surveyed: AS
Drawn: LM
Scale: 1:200 @ A1
Checked: ED
Sheet No. 1 of 1
Revision: -
Revision Notes
.. | ../../.. | .....
NOTES:
All critical measurements should be checked on site prior to design.
No liability will be taken for this plan if passed on to 3rd parties.
Some services/data may be omitted in areas of parked vehicles and vegetation.
THIS SURVEY HAS BEEN ORIENTATED TO THE ORDNANCE SURVEY (O.S) NATIONAL GRID (OSGB36) VIA A GLOBAL POSITION SYSTEM (GPS) AND THE O.S. ACTIVE NETWORK (OS NET).
A TRUE OSGB36 COORDINATE HAS BEEN ESTABLISHED NEAR TO THE SITE CENTRE VIA A TRANSFORMATION USING THE OSTN15 & OSGM15 TRANSFORMATION MODELS.
THE SURVEY HAS BEEN CORRELATED TO THIS POINT AND A FURTHER ONE OR MORE OSGB36 POINTS ESTABLISHED TO CREATE A TRUE O.S. BEARING FOR ANGLE ORIENTATION.
NO SCALE FACTOR HAS BEEN APPLIED TO THE SURVEY THEREFORE THE COORDINATES SHOWN ARE LOCAL PLANE GRID.
PLEASE REFER TO SURVEY STATION TABLE TO ENABLE ESTABLISHMENT OF THE ON-SITE GRID.