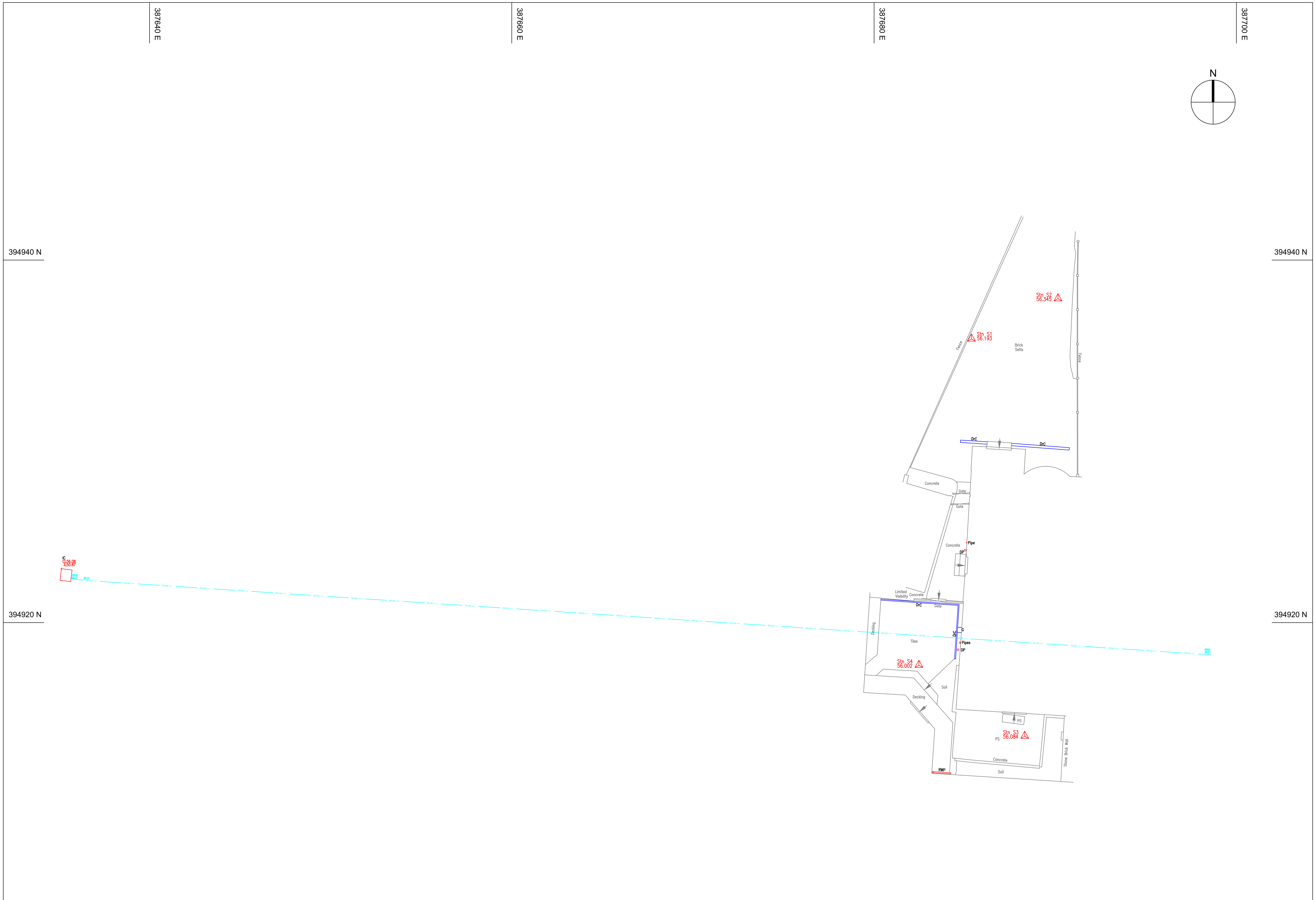

Survey Stations			
Name	Easting	Northing	Height
S1	387685.376	394935.647	56.193
S2	387690.150	394937.868	56.345
S3	387688.313	394913.734	56.084
S4	387682.473	394917.646	56.002

Scale 1:100

0m 1m 2m 3m 4m 5m 10m

ABBREVIATIONS

AB	Abandoned	LP	Lamp Post
BLK	Blocked	Mb	Multibole
B	Bollard	MH	Manhole
CC	Control Cabinet	Mkr	Marker
CCTV	Closed Circuit Television	NVO	No Visible Outlet
CL	Cover Level	OSA	Off Site Area
Col	Column	OSBM	Ordnance Survey
d	Depth of Service	P	Post
DP	Down Pipe	PGM	Permanent Ground Mark
DrC	Drainage Channel	RE	Rodding Eye
EOT	End of Trace	RI	Riser
EP	Electricity Pole	RS	Road Sign
ER	Earthing Rod	SL	Sump Level
EJB	Electrical Junction Box	TCP	Traffic Control Post
ESG	Elecrtical Switchgear	TL	Traffic Light
FB	Flower Bed	TOS	Top of Silt
FLD	Flooded	TOV	Top of Valve
FOS	Full of Slit	TP	Telephone Pole
FH	Fire Hydrant	UNK	Unknown
G	Gully	UTO	Unable to Open
GM	Gas Meter	UTS	Unable to Survey
GV	Gas Valve	VP	Vent Pipe
IC	Inspection Cover	WM	Water Meter
IL	Invert Level	WO	Wash Out
LH	Lamp Hole	WV	Water Valve

SURVEY CAVEATS

The topographical survey is commensurate with band E accuracy, as specified in the RICS survey detail accuracy banding table. The survey was carried out by RL.

All levels are above OS Newlyn Datum and he survey grid shown on this drawing is only referenced to OS National Grid at the following point: 387686.578E, 394926.223N, obtained by multiple network RTK GPS observations.

All levels are in meters.

All due diligence has been taken to capture all site information. This plan only includes information on site that was accessible and visible at the time of survey. All features that were obstructed or were inaccessible have not been surveyed.

Every care has been taken to ensure the correct identification of the utility types, however these should be independently verified prior to use in any design/ building works. Please note that not all buried pipes, cables and ducts can be detected and mapped in consideration of their depth, location, material type and proximity to other utilities. Even an approximate and professionally executed survey may not be able to achieve a 100% detection rate. Where an area of utilities is likely to affect client project requirements, it is strongly recommended that A PAS128 QL A verification survey is carried out.

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UTILITY CONFIDENCE LEVELS:

Survey Type		Quality Level	Post-processing	Location Accuracy Horizontal	Location Accuracy Vertical	Supporting Data
D	Desktop Utility Records Search	QL-D	---	Undefined	Undefined	---
C	Site Reconnaissance	QL-C	---	Undefined	Undefined	A segment of utility whose location is demonstrated by visual reference to street furniture, topographical Features or evidence of previous street works (reinstatement scar).
B	Detection	QL-B4P	No	Undefined	Undefined	A utility segment which is suspected to exist but has not been detected and is therefore shown as an assumed route.
		QL-B3	No	±500 mm	Undefined (No reliable depth measurement possible)	Horizontal location only of the utility detected by one of the geophysical techniques used.
		QL-B3P	Yes			
		QL-B2	No	±250 mm or ±40% of detected depth whichever is greater	±40% of detected depth	Horizontal and vertical location of the utility detected by one of the geophysical techniques used.
		QL-B2P	Yes			
		QL-B1	No	±150 mm or ±15% of detected depth whichever is greater	±15% of detected depth	Horizontal and vertical location of the utility detected by multiple geophysical techniques used.
		QL-B1P	Yes			
A	Verification	QL-A	---	±50 mm	±25 mm	Horizontal and vertical location of the top and/or bottom of the utility.

Rev	Date	By	Details

ASSET LEGEND

CATV-A	Cable TV	<<<CW-A	Combined Water
	Chamber	CCTV-A	CCTV
DU-A	Duct	DA-A	Data Cable
ES-A	Electric Service	EHV-A	Extra High Voltage
F-A	Fuel	ED-A	Empty Duct
GAS-A	Gas	<<<FW-A	Foul Water
H-A	Heating and Cooling	GPR-B1	GPR
LV-A	Low Voltage	HV-A	High Voltage
<<<SW-A	Surface Water	SL-A	Street Lighting
TCSU-A	Traffic Control	SURVEY BOUNDARY	Survey Boundary
UNK-A	Unknown	T-A	Telecom
	Underground Disturbance	TFL-A	TFL
	Reinforcement	W-A	Water
			Trench

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Description
Utility Survey

Survey Date	Drawing Date
12/02/2025	18/02/2026
Sheet	**Scale**
A1	1:100

Drawing No.
4349-UT-XX-M2-01

Checked	Revision
RN	P01