



TOPOGRAPHICAL & MEASURED BUILDING SURVEYS

ABBREVIATIONS & SYMBOLS

AB	Arch Height	ES	Earth Rod	RSD	Ruler Staker Rod
AB	Arch Box	ET	ET T-Variable	RSU	Retted Shed Joint
AB	Assumed Face	ES	Earth Rod	R	Right Hand
AD	As Above	FSD	Flow Sheet Dimension	SF	Asking Pole Height
AB	Bench Mark	FT	Film Transfer	SD	Side Face
AD	As Above	FS	Flow Sheet	SD	Side Face
BL	Blind Nail	FU	Flag Level	SI	Circle Scribe
B	Bench	FU	Flag Level	SI	Circle Scribe
BP	Block Post	GU	Grid Code	TC	Taximeter Counter
B	Bench	GU	Grid Code	TC	Taximeter Counter
BJ	Block	HK	Hand Height	TL	Threshold Level
BJ	Block	HK	Hand Height	TL	Threshold Level
B	Bench	HS	Hand Stakes	TL	Threshold Level
BS	Box Scribe	I	Inset Level	TW	Top of Wall
BS	Box Scribe	I	Inset Level	TW	Top of Wall
CA	Chain Line	KA	Keel Chain	TW	Top of Wall
CA	Chain Line	KA	Keel Chain	TW	Top of Wall
CA	Chain Line	KA	Keel Chain	TW	Top of Wall
CA	Chain Line	KA	Keel Chain	TW	Top of Wall

DRAINING NOTES

Topographical Surveys
Trees are drawn to scale showing the average canopy spread. Descriptions and heights should be used as a guide only.
All building names, descriptions, number of storeys, construction type including roof line details are indicative only and taken externally from ground level.
All below ground details including drainage, voids and services have been identified from above ground and therefore all details relating to these features including: slope, depth, description etc. will be approximate only. All critical dimensions and connections should be checked and verified prior to starting work.
Detail, services and features may not have been surveyed if obstructed or not reasonably visible at the time of the survey.
Surveyed physical features may not necessarily represent the legal boundary line.

Measured Building Surveys
Measurements to internal walls are taken to the wall finishes at approx. 1m above the floor level and the wall assumed to be vertical.
Cill heights are measured as floor to the cill and head heights are measured from cill to the top of the window.
General
The contractor must check and verify all site and building dimensions, levels, utilities and drainage details and connections prior to commencing work. Any errors or discrepancies must be notified to Survey Solutions immediately.
The accuracy of the digital data is the same as the plotting scale implies. All dimensions are in metres unless otherwise stated.
The survey control listed is only to be used for topographical surveys at the stated scale. All control must be checked and verified prior to use.
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Do not scale from this drawing.

Sheet Layout

SURVEY CONTROL CO-ORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
8201	521420.004	208705.888	74.800	Pk Nail
8202	521422.284	208710.178	75.200	Pk Nail
8203	521598.739	208762.242	76.244	Pk Nail
8204	521400.827	208718.841	74.627	Pk Nail
8205	521504.448	208505.893	75.341	Pk Nail
8401	521605.084	208518.848	75.662	PK & Nail
8402	521400.210	208802.158	76.196	Pk Nail
8501	521605.080	208518.905	74.814	Pk Nail
8601	521558.500	208506.511	75.112	Pk Nail
8701	521478.510	208505.625	74.667	Pk Nail
8702	521427.042	208505.688	74.718	Pk Nail
8703	521455.910	208505.676	75.688	Pk Nail
8704	521588.008	208821.743	76.584	PK & Nail
8705	521505.100	208807.799	75.519	Pk Nail
8706	521584.802	208803.781	74.805	Pk Nail

SURVEY GRID AND LEVEL DATUM

The coordinate system established for this survey is related to Ordnance Survey (OS) national grid at a single point using Smartnet, then orientated to grid north with a scale factor of 1.000.
The level datum established for this survey is related to Ordnance Survey (OS) using O/S Smartnet.
To avoid discrepancies any coordinated data used in conjunction with this survey must be derived directly from this control data.

NO	DESCRIPTION	DRAWN	BY	DATE
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SURVEY SOLUTIONS

LAND SURVEYS
BUILDING SURVEYS
UNLICENSED SURVEYS
SITE SURVEYS
MOORINGS

0845 040 5969
survey-solutions.co.uk

PROJECT TITLE
EISAN, MOSQUITO WAY,
HATFIELD, HERTFORDSHIRE, AL10 9SN.

DRAWING DETAIL
TOPOGRAPHICAL SURVEY
Sheet 3 of 3

CLIENT
AECOM (CAMBRIDGE)

SCALE
1:200

SURVEYOR	SURVEY DATE	CHECKED BY	APPROVED BY	DWG STATUS
JK	26/05/22	BM	ND	FINAL

DRAWING NUMBER	ISSUE DATE
41845CVLS-03	07/06/22

ICES
THE SURVEY ASSOCIATION