



TOPOGRAPHICAL & MEASURED BUILDING SURVEYS

ABBREVIATIONS & SYMBOLS

AK	Arch Height	FL	Fire Hatch	RLJ	Roof Level
AA	Asphalt	FB	Fire Board	SS	Sign Post
AW	Arch Wall	FH	Fire Hatch	ST	Arch Stair Height
BB	Basement	FL	Fire Level	SV	Surface Water
BL	Basement	FL	Fire Level	SV	Surface Water
BS	Basement	FL	Fire Level	SV	Surface Water
BT	Basement	FL	Fire Level	SV	Surface Water
BS	Basement	FL	Fire Level	SV	Surface Water
BT	Basement	FL	Fire Level	SV	Surface Water
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DRAWING NOTE

Topographical Surveys
 These 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 stories, 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 transferred to all details relating to these features including: size, depth, description etc will be approximate only. All critical dimensions and connections should be checked and verified prior to starting work.

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.
 All heights are measured as floor to ceiling and heights are measured from 0.6m to the top of 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 used 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.

SURVEY GRID AND LEVEL DATUM

The co-ordinate system established for this survey is related to Ordnance Survey (OS) national grid at a single point using GPS 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 GPS Smartnet.
 To avoid discrepancies any co-ordinated data used in conjunction with this survey must be derived directly from this control data.
 The major contour interval is 1 metre, the minor contour interval is 0.500 metres.

CONTROL CO-ORDINATES

ID	EASTING	NORTHING	LEVEL	DESCRIPTION
MCD1	19154448	109022318	12.405	Pt Nat
MCD2	19154449	109022319	12.405	Pt Nat
MCD3	19154450	109022320	12.405	Pt Nat
MCD4	19154451	109022321	12.405	Pt Nat
MCD5	19154452	109022322	12.405	Pt Nat
MCD6	19154453	109022323	12.405	Pt Nat
MCD7	19154454	109022324	12.405	Pt Nat
MCD8	19154455	109022325	12.405	Pt Nat
MCD9	19154456	109022326	12.405	Pt Nat
MCD10	19154457	109022327	12.405	Pt Nat
MCD11	19154458	109022328	12.405	Pt Nat
MCD12	19154459	109022329	12.405	Pt Nat
MCD13	19154460	109022330	12.405	Pt Nat
MCD14	19154461	109022331	12.405	Pt Nat
MCD15	19154462	109022332	12.405	Pt Nat
MCD16	19154463	109022333	12.405	Pt Nat
MCD17	19154464	109022334	12.405	Pt Nat
MCD18	19154465	109022335	12.405	Pt Nat
MCD19	19154466	109022336	12.405	Pt Nat
MCD20	19154467	109022337	12.405	Pt Nat
MCD21	19154468	109022338	12.405	Pt Nat
MCD22	19154469	109022339	12.405	Pt Nat
MCD23	19154470	109022340	12.405	Pt Nat

PROJECT TITLE		CAMBRIDGE ROAD ESTATE, KINGSTON UPON THAMES, KT1 3JL	
DRAWING DETAILS		TOPOGRAPHICAL SURVEY Sheet 3 of 5	
CLIENT	ARDENT CONSULTING ENGINEERS	SCALE	1:200
SURVEYOR	JM	CHECKED BY	AK
DRAWING NUMBER	20085e-03	APPROVED BY	DWG STATUS
		DATE	11.08.2017

