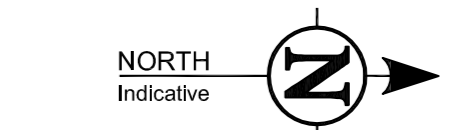


TOPOGRAPHICAL & MEASURED BUILDING SURVEYS
ABBREVIATIONS & SYMBOLS

AA	Actual Height	RFD	Roof Ridge	RSD	Roof Scaffolding
AA	Assumed Height	RFI	Roof Fin	SI	Sign Post
AB	Actual Boundary	RFR	Roof Frame	SJ	Actual Spring Joint Height
AB	Assumed Boundary	RFS	Roof Structure	SK	Skullcap
AC	Actual Centre Line	RFV	Roof Valve	SW	Surface Water
AC	Assumed Centre Line	RFW	Roof Wall	SV	Single Valve
AD	Actual Drain	RFX	Roof Extension	SY	Single Shaft
AD	Assumed Drain	RFB	Roof Beam	SV	Single Valve
AE	Actual Elevation	RFL	Roof Lining	TC	Telephone Cabinet
AE	Assumed Elevation	RFR	Roof Frame	TC	Telephone Cabinet
AF	Actual Finish	RFS	Roof Structure	TH	Third Party
AF	Assumed Finish	RFB	Roof Beam	TL	Trunk Line
AG	Actual Ground	RFL	Roof Lining	TL	Trunk Line
AG	Assumed Ground	RFR	Roof Frame	TL	Trunk Line
AH	Actual Height	RFS	Roof Structure	TL	Trunk Line
AH	Assumed Height	RFB	Roof Beam	TL	Trunk Line
AI	Actual Interior	RFL	Roof Lining	TL	Trunk Line
AI	Assumed Interior	RFR	Roof Frame	TL	Trunk Line
AL	Actual Level	RFS	Roof Structure	TL	Trunk Line
AL	Assumed Level	RFB	Roof Beam	TL	Trunk Line
AM	Actual Measurement	RFL	Roof Lining	TL	Trunk Line
AM	Assumed Measurement	RFR	Roof Frame	TL	Trunk Line
AN	Actual North	RFS	Roof Structure	TL	Trunk Line
AN	Assumed North	RFB	Roof Beam	TL	Trunk Line
AO	Actual Offset	RFL	Roof Lining	TL	Trunk Line
AO	Assumed Offset	RFR	Roof Frame	TL	Trunk Line
AP	Actual Position	RFS	Roof Structure	TL	Trunk Line
AP	Assumed Position	RFB	Roof Beam	TL	Trunk Line
AQ	Actual Quality	RFL	Roof Lining	TL	Trunk Line
AQ	Assumed Quality	RFR	Roof Frame	TL	Trunk Line
AR	Actual Reference	RFS	Roof Structure	TL	Trunk Line
AR	Assumed Reference	RFB	Roof Beam	TL	Trunk Line
AS	Actual Setting	RFL	Roof Lining	TL	Trunk Line
AS	Assumed Setting	RFR	Roof Frame	TL	Trunk Line
AT	Actual Tolerance	RFS	Roof Structure	TL	Trunk Line
AT	Assumed Tolerance	RFB	Roof Beam	TL	Trunk Line
AV	Actual Value	RFL	Roof Lining	TL	Trunk Line
AV	Assumed Value	RFR	Roof Frame	TL	Trunk Line
AW	Actual Width	RFS	Roof Structure	TL	Trunk Line
AW	Assumed Width	RFB	Roof Beam	TL	Trunk Line
AX	Actual X-axis	RFL	Roof Lining	TL	Trunk Line
AX	Assumed X-axis	RFR	Roof Frame	TL	Trunk Line
AY	Actual Y-axis	RFS	Roof Structure	TL	Trunk Line
AY	Assumed Y-axis	RFB	Roof Beam	TL	Trunk Line
AZ	Actual Z-axis	RFL	Roof Lining	TL	Trunk Line
AZ	Assumed Z-axis	RFR	Roof Frame	TL	Trunk Line



DRAWING NOTE

These are drawn to scale showing the average canopy spread. Descriptions and heights should be used as a guide only.

All below ground details including drainage, rods and services have been surveyed and shown on this drawing. All measurements are to the centre of the structure including stairs, 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 readily visible at the time of the survey.

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.
Cell heights are measured as floor to the sill and head heights are measured from sill 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 angles. All dimensions are in metres unless otherwise stated.
The survey control level 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 CONTROL CO-ORDINATES			
STATIONS	EASTINGS	NORTHINGS	LEVEL
ST01	564262.388	185031.916	36.575
ST02	564403.398	185005.403	36.500
ST04	564447.073	185001.206	36.628
			HBM NI
			HBM NI

SURVEY GRID AND LEVEL DATUM
Ordinance Survey (OS) national grid coordinates have been established for survey control point ST03 using GPS and related to OSTN02(GB) and OSGM02(GB). The survey grid is oriented to Grid North with a scale factor of 1.0001.
All levels relate to the Ordnance Survey (OS) level datum at survey control point ST03 established by GPS using OSGM02(GB).

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LAND SURVEYING BUILDING SURVEYING UNDERGROUND SURVEYING

PROJECT TITLE			
114-120 BROADWAY, LEIGH ON SEA			
ESSEX, SS9 1AA			
DRAWING DETAIL			
TOPOGRAPHICAL SURVEY			
CLIENT	DAVID PLANT	SCALE	1:200
SURVEYOR	JPM	CHECKED BY	ALH
SURVEY DATE	14.01.2015	APPROVED BY	BTG
DRAWING NUMBER	152238-01	FINAL STATUS	ISSUE DATE
		REVISION	13.01.2015