TOPOGRAPHICAL & MEASURED BUILDING SURVEYS

ABBREVIATIONS & SYMBOLS

AH	Arch Head Height	FH	Fire Hydrant	RSJ	Rolled Steel Joist
AR	Assumed Route	FBD	Floor Board Direction	SI	Sign Post
AV	Air Valve	FH	Fire Hydrant	SP	Arch Spring Point Height
BB	Belisha Beacon	FL	Floor Level	SV	Stop Valve
BH	Bore Hole	FP	Flag Pole	SW	Surface Water
BL	Bed Level	FW	Foul Water	ST	Stay
BO	Bollard	GD	Gully Grate	Tel	Telstra Pillar
BP	Brass Post	GV	Gas Valve	TC	Telecom Cover
BS	Bus Stop	HH	Head Height	TH	Tree Pit
BU	Bush	IC	Inspection Cover	THL	Threshold Level
BW	Barbed Wire Fence	IL	Invert Level	TL	Traffic Light
BX	Box (Utilities)	IR	Iron Railings	ToW	Top of Wall
CB	Close Board Fence	KO	Kerb Outlet	TP	Telegraph Pole
CH	Cill Height	LP	Lamp Post	TV	Cable TV Cover
CL	Cover Level	MH	Manhole	UB	Universal Beam
CL	Chain Link Fence	MP	Marker Post	UC	Universal Column
CLev	Ceiling Level	NB	Name Board	UK	Unknown Cover
Col	Column	OHL	Overhead Line (approx)	UMB	Union Mills Beam
CP	Chestnut Paling Fence	Pan	Panel Fence	UTL	Unable To Lift
CR	Cable Riser	PB	Post Box	VP	Vent Pipe
DC	Drainage Channel	PM	Parking Meter	WB	Weeds Bin
DH	Door Head Height	PO	Post	WH	Wood Hole
DP	Down Pipe	PR	Post & Rail Fence	WL	Water Level
DR	Drain	PW	Post & Wire Fence	WM	Water Meter
EL	Eaves Level	PWall	Partition Wall	WO	Wash Out
EP	Electric Pole	RE	Rocking Eye		Floor to Ceiling Height
ER	Earth Rod	RL	Ridge Level		FC Floor to False Ceiling Ht
ET	EPH Transformer	RP	Refraction Post		
FB	Flower Bed	RS	Road Sign		
FBD	Floor Board Direction	RSD	Roller Shutter Door		Survey Control Station

DRAWING NOTE

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, sizes, 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.

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 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.

CONTROL CO-ORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
ST01	569627.748	191951.353	12.358	Hilti Nail
ST02	569627.748	191951.353	12.358	Hilti Nail
ST03	569626.424	191951.102	12.464	Hilti Nail
ST04	5670.02.650	191955.357	12.015	Hilti Nail
ST05	567046.748	191955.771	11.745	Hilti Nail
ST06	567128.839	191956.062	10.784	Hilti Nail
ST07	567271.839	191926.966	11.269	Hilti Nail
ST08	567470.391	191941.634	10.594	Hilti Nail
ST09	567550.966	191951.649	10.473	Peg & Nail
ST10	567449.107	191949.722	9.901	Peg & Nail
ST11	567324.092	191471.979	9.763	Peg & Nail
ST12	567147.911	191411.112	10.546	Peg & Nail
ST13	567145.411	191431.112	10.546	Peg & Nail
ST14	567059.201	191417.110	10.636	Peg & Nail
ST15	567042.159	191452.664	11.259	Hilti Nail
ST16	567010.666	191578.991	11.430	Hilti Nail
ST17	566987.566	191654.131	11.726	Hilti Nail
ST18	566967.130	191727.051	11.798	Hilti Nail
ST19	566965.816	191775.581	11.643	Hilti Nail
ST20	567047.607	191751.359	11.393	Hilti Nail
ST21	567041.167	191749.774	11.348	Mag Nail
ST22	567066.258	191262.089	11.257	Mag Nail
ST23	567064.628	191231.462	10.956	Mag Nail
ST24	567064.628	191231.462	10.956	Mag Nail
ST25	567102.369	191197.907	10.966	Mag Nail
ST26	567048.077	191166.604	10.933	Mag Nail
ST27	567116.116	191136.263	10.915	Mag Nail
ST28	567114.269	191078.195	10.260	Mag Nail
ST29	567152.696	191033.791	10.109	Hilti Nail
ST30	567153.857	190994.439	9.839	Hilti Nail
ST31	567367.354	191365.972	9.639	Hilti Nail
ST32	567367.354	191365.972	9.639	Hilti Nail
ST33	567566.466	191410.987	8.545	Hilti Nail
ST34	567602.214	191358.969	8.331	Hilti Nail
ST35	567731.120	191547.243	10.247	Peg & Nail
ST36	567756.161	191575.366	10.044	Peg & 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 GPS Smartnet.

To avoid discrepancies any coordinated data used in conjunction with this survey must be derived directly from this control data.

REV	DESCRIPTION	DRAWN	APPR	DATE

SURVEY SOLUTIONS

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LAND SURVEYING BUILDING SURVEYING UNDERGROUND SURVEYING

PROJECT TITLE: ASHINGDON ROAD, ROCHFORD, ESSEX, SS4 1TA.				
DRAWING DETAIL: TOPOGRAPHICAL SURVEY Sheet 10 of 18				
CLIENT: BLOOR HOMES				SCALE: 1:200
SURVEYOR: MJ/GA/BW	SURVEY DATE: 09/10/2019	CHECKED BY: CHP	APPROVED BY: BTC	DWG STATUS: FINAL
DRAWING NUMBER: 23803se-14			REVISION:	ISSUE DATE: 04/11/2019

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Original Sheet Size: A3+1