



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	FL Floor Level	SP Arch Spring Point Height
BB Bench Beason	FP Flag Pole	SV Stop Valve
BH Bore Hole	FW Four Water	SW Surface Water
BL Bed Level	GG Gully Grate	SY Slay
BZ Bolard	GV Gas Valve	Tac Tactile Paving
BrP Brace Post	HH Head Height	TC Telecom Cover
BS Bus Stop	IC Inspection Cover	TH Trial Pit
BW Barbed Wire Fence	IL Invert Level	THL Threshold Level
BX Box (Utilities)	IR Iron Railings	TL Traffic Light
C/B Close Board Fence	KD Kerb Duct	ToW Top of Wall
CH Cill Height	LP Lamp Post	TP Telegraph Pole
CL Cover Level	MH Manhole	TV Cable TV Cover
CL Chain Link Fence	MP Marker Post	UB Universal Beam
C-LEV Ceiling Level	NS Name Board	UC Unknown Cover
Col Column	OHL Overhead Line (approx)	UNK Unknown Tree
COP Chestnut Paving Fence	Pan Panel Fence	USB Under Side Beam
CR Castle Rise	PS Post Box	UTL Unable To Lift
DC Drainage Channel	PM Parking Meter	VP Vent Pipe
DH Door Head Height	PO Post	WB Waste Bin
DP Down Pipe	P/R Post & Rail Fence	WH Weep Hole
DR Drain	P/W Post & Wire Fence	WL Water Level
EL Eaves Level	P/Wall Partition Wall	WM Water Meter
EP Electric Pole	RE Roding Eye	WO Wash Out
ER Earth Road	RL Ridge Level	W/F Floor to Ceiling Height
ET EP-Transformer	RP Reflector Post	W/F/C Floor to False Ceiling Ht
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.

SURVEY CONTROL CO-ORDINATES

STATIONS	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
ST01	501001.046	224455.912	71.011	Peg & Nail
ST02	50077.732	224479.027	71.542	Peg & Nail
ST03	50093.994	224484.138	73.854	Peg & Nail
ST04	50084.107	224496.044	77.700	Peg & Nail
ST05	50084.555	224484.009	79.952	Peg & Nail
ST06	500813.797	224500.711	80.510	Peg & Nail
ST07	50078.892	224449.354	73.634	Peg & Nail
ST08	500758.079	224377.842	75.788	Peg & Nail
ST09	50074.883	224329.805	73.805	Peg & Nail
ST10	50078.037	224396.654	72.544	Peg & Nail
ST20	50074.745	224455.435	71.369	Peg & Nail
ST21	50048.899	224422.477	70.697	Peg & Nail
ST22	50092.212	224372.868	69.513	Peg & Nail
ST23	50082.428	224349.878	69.060	Peg & Nail
ST24	50085.472	224327.998	68.907	Peg & Nail
ST25	500870.822	224314.112	68.717	Peg & Nail
ST26	500863.526	224326.034	68.976	Peg & Nail
ST27	500863.110	224334.091	69.253	Peg & Nail
ST28	500893.698	224378.305	71.422	Peg & Nail
ST30	500871.800	224367.128	69.826	Peg & Nail
ST31	500827.976	224302.355	69.953	Peg & Nail
ST32	500803.355	224344.243	73.086	Peg & Nail
ST33	500808.528	224374.828	74.828	Peg & Nail
ST34	500778.992	224374.812	76.245	Peg & Nail
ST35	500790.831	224404.600	77.379	Peg & Nail
ST36	500804.920	224430.211	78.302	Peg & Nail
ST37	500808.016	224445.369	78.162	Peg & Nail
ST38	500830.728	224422.247	76.897	Peg & Nail
ST40	500871.344	224469.608	77.829	Peg & Nail
ST41	500816.977	224389.714	75.179	Peg & Nail
ST42	500808.992	224356.167	72.895	Peg & Nail
ST43	500848.102	224380.021	73.665	Peg & Nail
ST44	500811.820	224406.438	76.712	Peg & Nail
ST45	500830.777	224407.113	76.498	Peg & Nail
ST46	500840.490	224435.755	76.785	Peg & Nail

SURVEY GRID AND LEVEL DATUM

Ordnance Survey (OS) national grid coordinates have been established for survey control point ST01 using GPS and related to OSTN02(GS) and OSGM02(GS). The survey grid is orientated to Grid North with a scale factor of 1.000.

All levels relate to the Ordnance Survey (OS) level datum at survey control point ST01 established by GPS using OSGM02(GS).

REV	DESCRIPTION	DRAWN	APPR	DATE



LAND SURVEYING BUILDING SURVEYING UNDERGROUND SURVEYING

PROJECT TITLE
PINES HILL, STANSTED MOUNTFITCHET,
ESSEX, CM24 8EY

DRAWING DETAIL
TOPOGRAPHICAL SURVEY
Sheet 1 of 1

CLIENT
GALLIFORD TRY

SURVEYOR SURVEY DATE CHECKED BY APPROVED BY DWG STATUS
KJSMWK 01/12/2020 MWK GJN FINAL

DRAWING NUMBER REVISION ISSUE DATE
30108NOLS-04 01/12/2020