



**TOPOGRAPHICAL & MEASURED BUILDING SURVEYS**

**ABBREVIATIONS & SYMBOLS**

AH	Arch Head Height	FH	Fire Hydrant	RSJ	Rolled Steel Joint
AR	Assumed Route	FBD	Floor Board Direction	SI	Sign Post
AV	Air Valve	FL	Floor Level	SP	Arch Spring Point Height
BB	Belted Beacon	FP	Flag Pole	SV	Stop Valve
BH	Bore Hole	FW	Foul Water	SW	Surface Water
BL	Bed Level	GG	Gully Gate	SY	Stay
BO	Bollard	GV	Gas Valve	Tac	Traffic Parking
BP	Brass Post	GH	Head Height	TC	Telcom Cover
BS	Bus Stop	IC	Inspection Cover	TH	Thal Pit
BU	Bush	IL	Invert Level	THL	Threshold Level
BW	Barbed Wire Fence	IR	Iron Railings	TL	Traffic Light
BX	Box (Junction)	IO	Iron Outlet	TuW	Top of Wall
CB	Cable Board Fence	KD	Kerb Outlet	TP	Telegraph Pole
CH	Chimney	LP	Lamp Post	TV	Cable TV Cover
CL	Cover Level	MH	Manhole	UB	Unknown Beam
CL	Chain Link Fence	MP	Marker Post	UC	Unknown Cover
C-LW	Calling Level	NB	Name Board	UK	Unknown Tree
Col	Column	DL	Overhead Line (approx)	USA	Under Side Beam
CP	Chestnut Piling Fence	PF	Panel Fence	UTL	Unable To Lift
CR	Cable Rise	PB	Post Box	VP	Vari Pige
DC	Drainage Channel	PM	Parking Meter	WB	Waste Bin
DH	Door Head Height	PD	Post	WH	Wash Hole
DP	Down Pipe	P/R	Post & Rail Fence	WL	Water Level
DR	Drain	P/W	Post & Wire Fence	WM	Water Meter
EL	Eaves Level	P/Wall	Partition Wall	WO	Wash Out
EP	Electric Pole	RE	Rooding Eye	WOC	Floor to Ceiling Height
ER	Earth Rod	RL	Rodding Level		
ET	EPA Transformer	RP	Reflector Post		
FB	Flower Bed	RS	Road Sign		
FBD	Floor Board Direction	RSD	Roller Shut Door		

**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	014686.711	213837.661	4.104	Peg & nail
ST02	014707.423	213827.764	5.803	Hill nail
ST03	014834.203	213846.288	3.767	Peg & nail
ST04	014700.171	213857.333	6.029	Hill nail
ST05	014701.728	213810.840	6.563	Hill 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



Ipswich Coventry Yeovil Norwich Perth Nottingham Brentwood

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LAND SURVEYING BUILDING SURVEYING UNDERGROUND SURVEYING

**PROJECT TITLE**  
PARK SQUARE WEST, JAYWICK,  
CLACTON ON SEA, ESSEX, CO15 2NT.

**DRAWING DETAIL**  
TOPOGRAPHICAL SURVEY

CLIENT ST OSYTH BEACH ESTATE LTD.		SCALE 1:200	
SURVEYOR PMB	SURVEY DATE 16.03.2019	CHECKED BY DWB	APPROVED BY BTC
DRAWING NUMBER 23978ae-01		REVISION	ISSUE DATE 22.03.2019