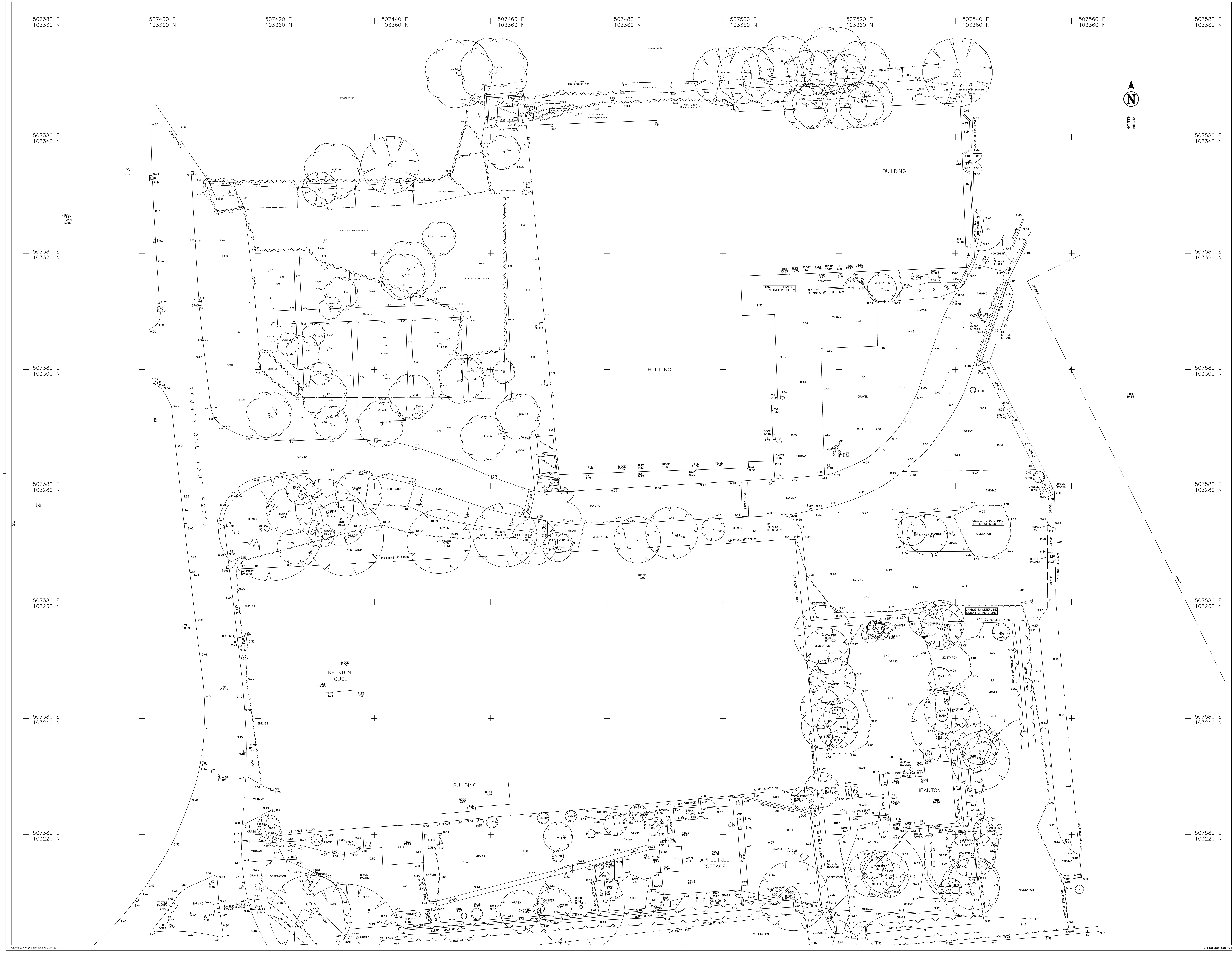


# TOPOGRAPHICAL & MEASURED BUILDING SURVEYS

## 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 | SY | Stay |
| BO | Bollard | GG | Gully Grate | Tac | Tactile Paving |
| BrP | Brace Post | GV | Gas Valve | TC | Telecom Cover |
| BS | Bus Stop | HH | Head Height | TH | Trial Pit |
| BU | Bush | IC | Inspection Cover | THL | Threshold Level |
| B/W | Barbed Wire Fence | IL | Invert Level | TL | Traffic Light |
| BX | Box (Utilities) | I/R | Iron Railings | ToW | Top of Wall |
| C/B | 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 |
| C/L | Chain Link Fence | MP | Marker Post | UC | Unknown Cover |
| C-Lev | Ceiling Level | NB | Name Board | UK | Unknown Tree |
| Col | Column | OHL | Overhead Line (approx) | USB | Under Side Beam |
| C/P | 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 | Waste Bin |
| DH | Door Head Height | PO | Post | WH | Weep 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 | Rodding Eye | (X.XX) | Floor to Ceiling Height |
| ER | Earth Rod | RL | Ridge Level | | |
| ET | EP+Transformer | RP | Reflector Post | (X.XX) 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 GRID AND LEVEL DATUM

The survey grid is based on the following existing survey control points which were previously established by others:

ST01 - 507511.923mE, 103274.750mN
ST02 - 507402.244mE, 103291.504mN

All levels relate to an existing survey control point S4 and taken as 9.190m which was previously established by others.

## CONTROL CO-ORDINATES

| STATIONS | EASTINGS | NORTHINGS | LEVEL | DESCRIPTION |
|---|---|---|---|---|
| S1 | 507511.923 | 103274.750 | 9.436 | PK Nail |
| S4 | 507402.244 | 103291.504 | 9.190 | Hilti Nail |
| ST11 | 507547.535 | 103310.302 | 9.586 | PK Nail |
| ST13 | 507541.264 | 103346.878 | 9.792 | PK Nail |
| ST14 | 507517.823 | 103347.724 | 10.555 | PK Nail |
| ST15 | 507481.025 | 103346.424 | 10.666 | Peg & Nail |
| ST16 | 507460.717 | 103345.753 | 9.571 | Peg & Nail |
| S5 | 507420.243 | 103207.131 | 9.315 | Hilti Nail |
| ST17 | 507397.477 | 103334.431 | 9.823 | PK Nail |
| ST18 | 507426.170 | 103307.955 | 9.827 | PK Nail |
| ST19 | 507453.675 | 103308.979 | 9.649 | PK Nail |
| ST20 | 507465.874 | 103330.834 | 9.709 | PK Nail |
| ST21 | 507456.835 | 103346.298 | 12.030 | Peg & Nail |

| REV | DESCRIPTION | DRAWN | APPR | DATE |
|---|---|---|---|---|
| A | Survey detail added. | HF | JM | 08.04.19 |


SURVEY SOLUTIONS

Ipswich Coventry Yeovil Norwich Perth Nottingham Brentwood

Tel No: 0845 0405 969 Fax No: 0845 0405 970
www.survey-solutions.co.uk enquiries@survey-solutions.co.uk

LAND SURVEYING BUILDING SURVEYING UNDERGROUND SURVEYING


PROJECT TITLE
WORTHING AUDI, ROUNDSTONE ROAD, ANGMERING WEST SUSSEX, BN14 8AH.

DRAWING DETAIL
TOPOGRAPHICAL SURVEY
Sheet 1 of 2

| CLIENT | | | | SCALE |
|---|---|---|---|---|
| CAFFYNS | | | | 1:200 |
| SURVEYOR | SURVEY DATE | CHECKED BY | APPROVED BY | DWG STATUS |
| HF | 26.04.2017 | MB | JM | FINAL |
| DRAWING NUMBER | | | REVISION | ISSUE DATE |
| 19576se-01 | | | A | 27.04.2017 |

Original Sheet Size A0H