

TOPOGRAPHICAL & MEASURED BUILDING SURVEYS

ABBREVIATIONS & SYMBOLS

|     |                       |     |                        |     |                          |
|-----|-----------------------|-----|------------------------|-----|--------------------------|
| AA  | Arch Head Height      | FI  | Fire Hydrant           | RSJ | Roller Steel Joint       |
| AR  | Assumed Route         | FBD | Floor Board Direction  | SI  | Sign Post                |
| AV  | Air Valve             | FI  | Fire Hydrant           | SP  | Arch Spring Point Height |
| BB  | Balustrade Beam       | FL  | Floor Level            | SV  | Stop Valve               |
| BI  | Bore Hole             | FP  | Flag Pole              | SW  | Surface Water            |
| BL  | Bell Level            | FW  | Foul Water             | SY  | Stay                     |
| BO  | Bolt                  | GG  | Gully Grate            | Tac | Tackle Paving            |
| BPF | Brace Post            | GV  | Gas Valve              | TC  | Telecom Cover            |
| BS  | Bus Stop              | HI  | Head Height            | TH  | Thal Pit                 |
| BU  | Butt                  | IC  | Inspection Cover       | TIL | Threshold Level          |
| BW  | Barbed Wire Fence     | IL  | Invert Level           | TL  | Traffic Light            |
| DX  | Box (120mm)           | IR  | Iron Railings          | ToW | Top of Wall              |
| CH  | Chimney Breast Fence  | KO  | Knock Out              | TP  | Telegraph Pole           |
| CH  | Chimney               | LP  | Lamp Post              | TV  | Cable TV Cover           |
| CL  | Cover Level           | MI  | Manhole                | UB  | Universal Beam           |
| CL  | Chain Link Fence      | MP  | Manhole Post           | UC  | Unknown Cover            |
| CL  | Celling Level         | NB  | Name Board             | UC  | Unknown Tree             |
| Col | Column                | OHL | Overhead Line (approx) | USB | Under Side Beam          |
| COP | Chimney Pot           | PF  | Panel Fence            | UTL | Under To LRT             |
| CH  | Cable Rise            | PO  | Post Box               | VP  | Vertical Pipe            |
| CH  | Chimney               | PM  | Parking Meter          | WB  | Waste Bin                |
| CH  | Chimney               | PO  | Post                   | WH  | Woop Hole                |
| CH  | Chimney               | PR  | Post & Rail Fence      | WL  | Water Level              |
| CH  | Chimney               | FW  | Post & Wire Fence      | WM  | Water Meter              |
| EL  | Eaves Level           | PWW | Partition Wall         | WO  | Wash Out                 |
| EL  | Electric Pole         | RE  | Roofing Eye            | WC  | Wash Out                 |
| EL  | Electric Pole         | RL  | Ridge Level            | WC  | Wash Out                 |
| ET  | ET Transformer        | RP  | Reflector Post         | WC  | Wash Out                 |
| FB  | Flower Bed            | RS  | Road Sign              | WC  | Wash Out                 |
| FBD | Floor Board Direction | RSD | Roller Shutter Door    | WC  | Wash Out                 |

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     | 580229.267 | 191800.099 | 25.406 | 18M Nail    |
| ST02     | 580229.543 | 191821.166 | 25.607 | Peg & Nail  |
| ST03     | 580227.524 | 191840.035 | 25.868 | Peg & Nail  |
| ST04     | 580218.340 | 191825.912 | 25.550 | Peg & Nail  |
| ST05     | 580225.094 | 191803.287 | 25.196 | Peg & Nail  |
| ST06     | 580225.759 | 191787.772 | 25.117 | 18M Nail    |
| ST07     | 58026.409  | 191815.926 | 27.047 | 18M Nail    |
| ST08     | 580281.728 | 191763.921 | 25.935 | 18M 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(GB) and OSGM02(GB). 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(GB).

| REV | DESCRIPTION | DRAWN | APPR | DATE |
|-----|-------------|-------|------|------|
|-----|-------------|-------|------|------|



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LAND SURVEYING BUILDING SURVEYING UNDERGROUND SURVEYING

PROJECT TITLE  
SHERBOURNE LODGE, 134 DOWNHALL PARK WAY,  
RAYLEIGH, ESSEX.

DRAWING DETAIL  
TOPOGRAPHICAL SURVEY  
Sheet 1 of 1

|                              |                           |                  |                   |                          |
|------------------------------|---------------------------|------------------|-------------------|--------------------------|
| CLIENT<br>DPA                |                           |                  |                   | SCALE<br>1:200           |
| SURVEYOR<br>ADK              | SURVEY DATE<br>17/10/2011 | CHECKED BY<br>MB | APPROVED BY<br>MB | DWG STATUS<br>FINAL      |
| DRAWING NUMBER<br>10500se-01 |                           |                  | REVISION          | ISSUE DATE<br>19/10/2011 |