

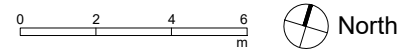
House at Coach Road, Westhampnett, Chichester PO18 0NX

Architect: Tim Quick RIBA

Planning application Drawing No. 06 (revision 00)

Drainage Plan

Scale 1:200 at A3



Key

1. Roof of proposed house. 'Flat roof' laid to 1:60 falls to all four sides of roof. Falls created with tapered insulation by Kingspan, hipped to fall to even height of eaves. Total roof area = approx. 150 sqm.
2. Rectangular section 'Delta Range' gutter by Dales Aluminium. 150 x 100 mm section, sized by Dales in accordance with BS EN 12056-3 (fig NB.1) using a design rate of rainfall of 64.8mm/hr meeting a return period of one year (letter can be provided).
3. Four downpipes, one in each corner of roof. Each downpipe (sized by Dales) 76.2mm square section. Roddable gulley to each downpipe.
4. Underground drainage designed to BS EN 752 from each gulley to soakaway.
5. Soakaway to west side. Located at least 5 metres from foundations of the house and approx. 8 metres from public highway (Coach Road). Designed to Part H of the Building Regulations and in line with BRE Digest DG 365 (2016).
6. Soakaway to east side. Located at least 5 metres from foundations of the house. Designed to Part H of the Building Regulations and in line with BRE Digest DG 365 (2016).
7. Private garden with permeable surfaces.
8. Parking court and driveway. Permeable surface with plastic 35mm reinforced mesh with gravel infill laid on permeable geotextile, laid on Type 3 aggregate sub-base (200 mm thick) laid on permeable geotextile laid onto compacted soil. All designed to BS 7533-13.

