

Ref: Planning/RS/Alleyne Way

Date:18.12.2017

Foul & Surface Water Drainage Statement

7 Alleyne Way Bognor Regis West Sussex PO22 6JZ

Where possible the existing drains will be used, a survey of the existing drains is required to determine the suitability of connecting into them.

Existing 4 bedroom dwelling extended

The existing house currently provides foul drainage for 2no WC's, bathroom, & kitchen facilities. It is proposed to extend the existing house improving the size of the habitable rooms. This will still be a 4 bedroom house with bathroom and kitchen facilities.

Conclusion

Where possible the proposed will use the existing foul and surface water drainage system; where new drainage is required the following should be adopted by the contractor.

1.00 DRAINAGE

(Approved Document Part H)

- 1.01 The foul drainage system is to be connected to existing public sewer.
- 1.02 Foul water drains in PVC-U or vitrified clay pipes with flexible joints are to be laid on 100mm granular fill at minimum 1 in 80 falls to bed and surround to suit drain location and in accordance with diagram 8/9 and table 8 of Part H1 of the 2002 Approved Document (refer also to diagram A3/A4 where minimal cover.) Foul water drains to be taken to existing foul sewer and connected at new manhole. PVCu pipes to comply with BS 4660 and BS 5481. Vitrified clay pipes to comply with BS 65 and BSEN 295.
- 1.03 The surface water drainage system to be installed as detailed on the Engineers drawings and calculations.
- 1.04 Surface water drains in PVCu or vitrified clay pipes with flexible joints laid (as noted in 1.02) on bed and surround to suit drain location and in accordance with diagram 8/9 and table 8 of Part H1 of the 2002 Approved Documents (refer also to diagram A3/A4 where minimal cover.)
- 1.05 Surface water drainage also to comply with recommendations of BRE 365.
- 1.06 All building drainage to comply with Part H1 and H3 of the 2002 Approved Documents and BS 8301:1985.
- 1.07 All drainage to be set at falls to comply with Approved Documents Part H1 - Table 6 for drains & Approved Documents Part H3 - Diagram 3 for surface water drains

2.00 MANHOLE/INSPECTION CHAMBERS

(Approved Document Part H)

- 2.01 Access chambers etc to be in accordance with Table 11, 12, 13 and 14 of Part H1 of the Building Regulations and manufacturers recommendations and of a type suitable for the depth required.

3.00 PROTECTION OF DRAINS

(Approved Document Part H)

- 3.01 All drains & sewers passing underneath building to be encased in 150mm of pea shingle
- 3.02 All building drainage to comply with BS 8301:1985

It is considered that the proposed scheme will provide no further burden on the existing public sewer.

End