

259 Winchester Road, Eastleigh, SO53 2DX

Site Survey 23/08/2022 Carried out by D Cousins - B Eng Hons in Civil Engineering

This report was commissioned to demonstrate the access road can be constructed to allow specific planning conditions to be discharged.

Please note an arbitrary datum of 10m was used to demonstrate the cross section between the access road ( $\chi$ ), the edge of the Asphalt ( $\beta$ ) and the garden (G2).

The report clearly demonstrates even using the worst case scenario (no removal of grass or soil) the road can be easily constructed and well within NHBC guidelines as highlighted below:

## PROVISION OF ACCESS

### 9.2 - D2 Adequate access shall be provided to and around the home

Access should include the provision of private roads, shared private drives, private drives, car parking areas and paths as appropriate.

Items to be taken into account include:

#### (a) private roads, shared private drives, private drives and car parking areas

Where a private road, shared private drive, private drive or car parking area is constructed to provide access to, or around, a home it should be constructed to carry the likely loads from vehicles using it.

Drives forming part of the approach to certain entrances should comply with relevant Building Regulations.

Drives should be designed to permit a motor car reasonable access to and from a garage or car parking area.

Foundations, constructions and drainage suitable for private roads, shared private drives, private drives and car parking areas are given in [Appendix 9.2-A](#).

Private roads, shared private drives and private drives should have a maximum gradient of 1:6.

Where the gradient is more than 1:10 and the gradient changes, suitable transition lengths should be provided to reduce the risk of vehicles grounding. See [Appendix 9.2-A](#).

Gradient of the road at it's steepest is between  $\chi$  to S1 and is 1:12 allowing zero dig.

Points  $\chi$  and  $\beta$



Point  $\beta$

Points H1 to S3



Points F1 to S3



Points G1 to F1



Points G1 and G2

