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09 May 2018

By email

Gerald Moore RIBA
1 Exmoor Crescent
Worthing
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BN13 2PL

Dear Mr Moore

97 Barnham Road, Eastergate - EG/107/17/DOC

I refer to the comments from Laura Gibbons, Engineer (Drainage & Coastal), at Arun District Council dated 3 May 2018 and respond as follows:

- *Thrust blocks need to be provided on the rising main.*
The rising main has been constructed in MDPE continuous coiled pipe without separate bends and using self anchoring joints at the ends and therefore thrust blocks are not required.
- *Where the depth of the rising main is less than 0.9m we require the pipe to have a concrete bed and surround or concrete protection slab to be provided.*
The rising main is not adopted and laid in landscaped areas and Building Regulations only require protection when cover is less than 600mm for thermoplastic pipes and I am advised that at least this depth of cover is provided throughout. The installation has been approved by Building Control.
- *A discharge manhole needs to be provided a minimum of 10m from the connection to the foul water main. With a length of gravity main in between at a suitable gradient, with a vertical back drop if greater fall is required.*
There is a requirement in Sewers For Adoption for a separate manhole and a short section of gravity sewer to be constructed at the end of a rising main to enable the flow to gravitate to a manhole on the public sewer. The rising main discharges into a manhole on the private gravity drainage system and this manhole is in excess of 10m from the public sewer. The installation has been approved by Building Control.

I trust the above responses address the comments raised by Arun District Council.

Yours faithfully

M J Harvey