

Our Ref: PEF/SD/28854  
Your Ref: Y/21/18/DOC

26 April 2018

By E-Mail: (laura.alibon@arun.acb.uk) only

Laura Gibbons  
Arun District Council  
Maltravers Road  
Littlehampton  
West Sussex  
BN17 5LE

Dear Laura

Drainage  
Land at Kings Close, Yapton

Further to receipt of a copy of your e-mail dated 19 April 2018, please find herewith the following drawings:-

- 28854-101.P3 – General Arrangement
- Standard Detail STD-01-20 – Inspection Chamber
- Standard Detail STD-01-22 – Manhole
- Standard Detail STD-01-47 – Catchpit
- Standard Detail STD-01-63 – Sockaway

I respond to the items that you raise as follows (using numbers as per your e-mail):-

- 1) As shown on the soakaway schedule and standard detail, soakaways type SA 'A' have a total depth of 1.7m and an effective depth (H) of 1.2m. The calculated water depth of 1.13m is served by the 1.2m deep high storage soakaway.
- 2) As shown on the soakaway schedule and standard detail, soakaways type SA 'B' have a total depth of 1.7m and an effective depth (H) of 1.2m. The calculated water depth of 1.04m is served by the 1.2m deep high storage soakaway.
- 3) As shown on the soakaway schedule and standard detail, soakaways type SA 'C' have a total depth of 1.7m and an effective depth (H) of 1.2m. The calculated water depth of 1.12m is served by the 1.2m deep high storage soakaway.
- 4) Table 4.6 of Ciria Report 156 does indicate that a safety factor of 1.5 can be used for hydraulic design.
- 5) Drawings for soakaways, manholes and catchpits can be found herewith.

I trust that the Surface Water Planning Condition for the project can now be consented.

Yours sincerely

Philip Faulkner  
for ARCHIBALD SHAW

End

cc: Raymond Cole ([raymond@plainview.co.uk](mailto:raymond@plainview.co.uk)) only  
Michael Gadd, Plotlife ([michael@plotlife.com](mailto:michael@plotlife.com)) only  
Vince Carpenter, Archibald Shaw ([vince@archibaldshaw.co.uk](mailto:vince@archibaldshaw.co.uk)) only

**Fellow:** Jon Lord, Hong Kong  
Ling Vincent Carpenter, Esq. Hong Kong  
Ian Sheppard, Esq. Hong Kong

Associates: Hal Graham, Cong. MS House  
Hal Stansbury, Cong. Sen. (Cong. MS House)

Jonathan Fairs     *Sin Deng MEE*  
Lawrence Jupp     *Sin Deng MEE*

Archived Story LP uses the word "Partner" to refer to a Member of the LLP.

## Abstract