

Karen Parsons

From: Anita Gardner
Sent: 29 March 2018 16:40
To: Karen Parsons
Subject: FW: 1-4 Holm Oaks F/15/16/PL - updated drawing and calculations

Please can this EOT be recorded

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: [REDACTED]
Sent: 29 March 2018 16:39
To: Anita Gardner
Subject: RE: 1-4 Holm Oaks F/15/16/PL - updated drawing and calculations

Hello Anita

Yes, please can we extend the application time to 30-4- 2018.

Many thanks

Kind Regards

Jeremy Napthine
Director



SALT EARTH LTD | The Edge Building | 1 Fontwell Avenue | Eastergate | West Sussex | PO20 3RU



From: Anita Gardner [<mailto:Anita.Gardner@arun.gov.uk>]
Sent: 29 March 2018 12:53
To: 'jeremy@saltearth.co.uk'
Subject: FW: 1-4 Holm Oaks F/15/16/PL - updated drawing and calculations

Dear Jeremy,

I have received the e-mail below today.

I was not aware that discussions were taking place between the Engineers and was about to refuse the application. On the basis of the correspondence below please can you agree to an extension of time on the application until 30-04-2018 to allow time for further discussion between parties. I need to keep track of additional information since any decision made will need to include reference to the agreed documents/plans

Regards

Anita Gardner

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Laura Gibbons

Sent: 29 March 2018 12:21

Subject: RE: 1-4 Holm Oaks F/15/16/PL - updated drawing and calculations

Stavros,

My comments on the revised details:

- I note that the invert levels of all soakaways specified are below the ground water level. Please raise these and all accompanying pipe work as required.
- The area of MH9 on the plan is less than the area specified in your calculations. The volume required from calculations exceeds that specified on the drawings.
- Please provide further details of how sufficient protection is going to be provided over MH5 to meet manufacturers specification as this is under a trafficked area.
- Why has fleece been specified on all of the soakaways?
- Please ensure all construction detail drawings are specific and relate directly to the plan, i.e. silt trap types seem to be inconsistent.
- As stated previously please ensure that the ring soakaway has the brickwork on top of the cover slab minimised to maximise the depth of perforated rings above ground water level.
- Please confirm that no part of the driveway is permeable.
- Protruding pipes need to be cut back to finish 50mm from the walls of manholes.
- Details which have been constructed and are to no longer be used need to be removed or filled in with suitable material and ring soakaways/ manholes made good.
- The pipe from the rear of the properties needs to be protected by concrete.
- No trees should be planted near to soakaways.

Regards,

Laura Gibbons

Engineer (Drainage & Coastal)

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Stavros Drakopoulos [REDACTED]
Sent: 28 March 2018 16:26
To: Laura Gibbons
Cc: Jeremy Naphthine | Edge BP; Paul Cann; Mark Naumann; Ryan Hofman
Subject: 1-4 Holm Oaks F/15/16/PL - updated drawing and calculations

Dear Laura

Please find attached the drainage layout, details and calculations amended to suit the comments below.

From: Laura Gibbons [REDACTED]
Sent: 27 March 2018 15:05
[REDACTED]

Subject: RE: 1-4 Holm Oaks F/15/16/PL - updated drawing and calculations

- *The infiltration coefficient used in the calculations for both catchments is incorrect, the highest measured infiltration rate has been used. We require the lowest (i.e. $3.72 \times 10^{-5} \text{m/s}$) to be used for the calculations. Therefore, please re-do these.*
- *The drainage layout you have provided has insufficient detail. Please revise this to include:*
 - *The entire site, i.e. showing the back of the development;*
 - *Fall arrows on the carpark/drive area;*
 - *Finished levels*
 - *Levels of ALL pipes, crates, ring soakaways, and overflows;*
 - *Gradients and sizes of all pipes;*
 - *A silt trap is required upstream of the first soakaway, i.e. before the overflow from the rear soakaways enters the front soakaway.*
- *Construction detail drawings need to be provided of all tanks, silt traps, and soakaways.*

Let us know if you have any questions.

Kind regards,

Stavros

Stavros Drakopoulos, MEng (Hons) | Graduate Flood Risk and Drainage Consultant

AMBIENTAL
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[REDACTED]

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