

From: Anita Gardner
Sent: 21 February 2019 10:24
To: Planning.Responses
Subject: FW: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Please treat as a consultee response

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: 19 February 2019 09:17
To: Anita Gardner
Subject: RE: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Hi Anita,

Double checked, and the document you attached does include everything, and I am happy to recommend discharge of the condition based on this.

Thanks,

Laura Gibbons, MEng, GMICE
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: Anita Gardner
Sent: 19 February 2019 08:49
To: Laura Gibbons
Subject: FW: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Hi Laura,

I asked the agent for clarification yesterday regarding which of the original documents were being superseded and this attachment is the final version. I am sure it incorporates all the information you looked at yesterday, but I would be grateful if you would just double check that everything is still OK and the condition can be discharged.

Thanks

Anita

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From: Greg Hoare [REDACTED]
Sent: 18 February 2019 14:49
To: Anita Gardner
Cc: Sarah Hufford
Subject: FW: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Hi Anita

Further to your email to Sarah Hufford earlier today please see email below from our drainage expert with replacement file attached. Please take this file attached as substitute documentation.

Kind regards

Greg

For and on behalf of Rocco Homes

Greg Hoare

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From: Vlad Myrsikov [REDACTED]
Sent: 18 February 2019 14:42
To: Sarah Hufford [REDACTED]; Greg Hoare [REDACTED]

Cc: Sean Pringuer-James [REDACTED]

Subject: RE: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Hi Sarah/Greg,

Attached is complete document L2340-TN-003 (164-pages) which contains complete batch of all documents for submission. This supersedes all previous submissions.

Kind Regards,

Vlad.

Vlad Myrsikov
Pringuer-James Consulting Engineers

Pringuer-James
Consulting Engineers

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From: Sarah Hufford [REDACTED]

Sent: 18 February 2019 12:14

To: Anita Gardner <Anita.Gardner@arun.gov.uk>

Cc: Greg Hoare [REDACTED]; Vlad Myrsikov [REDACTED]

Subject: RE: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Hi Anita

I am out of the office today but this is being prepared by Vlad Myrsikov, copied and will be with you shortly. It will come via either Greg or Vlad.

Thanks

Sarah

From: Anita Gardner <Anita.Gardner@arun.gov.uk>

Sent: 18 February 2019 08:49

To: Sarah Hufford [REDACTED]

Subject: RE: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Dear Sarah,

Please can you either let me have an index sheet to make it clear which parts of the original Technical Note entitled Drainage Design Cover Note are superseded or confirm that these are a substitute for all the previous details submitted.

Thanks

Anita

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From: Sarah Hufford [REDACTED]

Sent: 15 February 2019 18:07

To: Anita Gardner

Cc: Laura Gibbons; Paul Cann

Subject: RE: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Importance: High

Dear Anita,

Further to discussions between our drainage engineers, I am pleased to enclose revised information in line with the drainage design agreed for this site. For expediency, I have copied to Laura Gibbons and Paul Cann.

With respect to the Model information my drainage engineer comments:

We have run the model as per our discussions: 1-in-100year + 40% Climate Change, 60minute duration is this is critical storm for storage structures (as per quick storage calculations).

- *Model - Diagram_Revision6*
 - *This provides graphic representation for the model.*
 - *Please note that Micro-drainage is not very good at accurately showing off-line and on-line structures, but for clarity they are connected as per drawing L2340-C-52-750_Revision06.*
- *Model – Results_Revision 6*
 - *This gives you full results from Micro-drainage. Relevant pages are:*
 - *Page 1 – results showing no flooding. Surcharge is obviously present as attenuation tanks are fixed invert to invert due to limited depth we have on this site.*
 - *Page 35 – this is the pipe after Hydro-brake. Shows flows don't exceed 2.3l/s*
- *Model – Storm_Revision6*
 - *This is model set-up data only. There's not results here, but gives key information about the model itself if you wish to scrutinise all the details. Most relevant pages:*
 - *Page 3 – Simulation criteria for the model. Climate change is under "additional flow %"*
 - *Page 4 – Hydrobrake Details.*
 - *Page 5 – Storage Structures*

- Page 6 – Overall volume summary (this includes pipes and manholes). This shows that tanks are modelled with correct volumes.

I trust this is now sufficient to allow discharge of the condition and look forward to hearing from you in due course.

With regards,

For and On behalf of Rocco Homes
Sarah Hufford

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From: Anita Gardner <Anita.Gardner@arun.gov.uk>
Sent: 11 February 2019 13:41
To: Sarah Hufford [REDACTED]
Subject: RE: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston

Hi Sarah,
The approach and suggested EOT is acceptable.
I will await receipt of additional info and then Laura will be re-consulted
Regards
Anita

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From: Sarah Hufford [REDACTED]
Sent: 08 February 2019 10:33
To: Anita Gardner
Subject: EP/184/18/DOC - Drainage Condition , Tudor Lodge, 125A Sea Road, East Preston
Importance: High

Morning Anita

We had a very productive meeting with Laura Gibbons and Paul Cann and have worked out a solution to drainage on the site. It's incredibly technical and the detail of it went mostly above my head but the drainage engineers on both sides were comfortable with the approach.

Laura and Paul requested that the revised, final detail be informed by some groundwater monitoring on site, requiring the digging of a pite and it being left for 24 hours, during a dry period with no rain. The pite has been dug but unfortunately there has not been a 24 hour dry period since our meeting and the immediate forecast is terrible. However, a dry spell is due from Monday next week. Once we have the test results it is very quick for our engineer to turn the detail around to submit to the council.

I therefore request an extension of time to 20/02/2019 to enable us to complete testing, when clear of rain, submit the revised detail and allow sufficient time for your drainage engineers to review.

[REDACTED]

With thanks

For and On behalf of Rocco Homes
Sarah Hufford

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