

Bryan, Jacob

From: Grant, David
Sent: 25 October 2022 10:17
To: _planningadvice
Subject: FW: Cassini Lodge H13-0341-22
Attachments: We sent you safe versions of your files; Percolation test results .pdf

Please add this email and attachment to the DIP under 6SUP – Percolation test results.

Many thanks,

Mr David Grant | Senior Planning Officer | **South Holland District Council**
Direct Dial: 01775 764472
www.sholland.gov.uk

Please note that any informal officer opinion expressed by this email is without prejudice and is not binding on the Council during the consideration of any formal application.



served by One Team

From: Jason Thomas <jasonadservices@yahoo.co.uk>
Sent: 24 October 2022 12:46
To: Grant, David <dgrant@sholland.gov.uk>
Subject: Re: Cassini Lodge H13-0341-22

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

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Good morning David,

Hope you had a good weekend?

Please see below percolation/infiltration test results for the site. These were carried out over three days last week 13th 14th and 15th October. I have also forwarded this on to Eleanor at the SHDB for their attention including the revised soak-away proposal. Let me know as soon as possible if there is anything I need to do to the plans in relation to this.

Kindest regards & Keep safe,

Jason

ADServices

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AD Services

For all your design solutions
DESIGN & PLANNING SERVICE

Jason Thomas,
Architectural Design Services,
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20th October 2022.

Infiltration potential Test results for Cassini Lodge, 58 Seas End Road, Moulten-Seas-End, Spalding. PE12 6LD

The percolation tests were carried out over a three day period by Groundworks 4 U Ltd of Wittering, Cambridgeshire on the 13th, 14th and 15th of October 2022 in accordance with BRE digest 365.

Thursday 13th October.

Excavation of the test hole was carried out on the site at the northern top corner of the site. A 1m³ square test hole was excavated and marker pins were positioned at 250mm from bottom of test hole and 750mm from bottom. During excavation and on completion of the test hole no surface water was present in the bottom of the hole. Ground & weather conditions were dry at the time, with the soil being 'sandy, very hard and compacted'.

The hole was then filled with water to the 750mm marker pin and monitored. The first fill was carried out at 13:08 and after monitoring the water level, it reached the lower marker pin at 17:13. A total of 4hour 5minutes elapsed.

Friday 14th October.

The test hole was filled to the top marker pin at 09:30 and water levels reached the lower marker pin at 13:53. A total of 4hours and 23minutes elapsed.

Saturday 15th October.

The test hole was filled to the top marker pin at 10:30 and monitored. Water levels reached the lower marker pin at 14:56. A total of 4hours and 26minutes elapsed.

The proposed foul/treated water and surface water soak away will be of a trench type around the perimeter (North, West and South boundaries) of the site.

The trench/soak away will be excavated to 1m depth and 600mm width, lined with 'Terram' membrane. This will then be filled with gravel (20-30mm) to a depth of 250mm and a 100mm land drain laid on top. A further 250mm of gravel will be poured on top of the land drain. The 'Terram' will then be folded over and then the trench will be back filled with soil. All surface water and water from the treatment plants will drain into this soakaway as per the similar design at the adjacent development on Hall Lane, M-S-E.

Building control will also be informed of the design when the building regulations application is made.

I hope this now satisfies the condition no.9 on H13-0401-20. Other relevant applications H13-0189-21 and H13-0341-22.

In the meantime if you have any further questions please do get in touch.

Many thanks and kindest regards,

Jason Thomas

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