

Gentet, Matthias

From: Richard Ball <RichardB@cgl-uk.com>
Sent: 25 February 2016 07:29
To: Thuaire, Charles
Subject: Fwd: Water House

Sent from my iPad

Richard Ball, Associate Director
Tel: 01483 310600
www.cgl-uk.com



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Feb 2016: London Mayoral candidate Zac Goldsmith visiting Colindale to look at social housing provision in the capital. CGL has been geotechnical and geoenvironmental advisor to Fairview Homes for this site since 2013.

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Begin forwarded message:

From: Jim Tamblyn <jt@horizon-ce.co.uk>
Date: 24 February 2016 at 22:57:43 GMT
To: 'Richard Ball' <RichardB@cgl-uk.com>
Subject: RE: Water House

Richard,

Having reviewed the drawings previously provided along with the various emails and letters we note the following:

1. It is our understanding that the basement areas do not prevent groundwater from passing between them and therefore through the site. The fin drains which form part of the basement wall waterproofing will direct groundwater away from the basement walls and

into a trench soakaway. The construction of the basement will not increase the volume of groundwater and we can see no reason why it would result in elevated groundwater which would result in flooding. Therefore it is logical that any groundwater intercepted by the fin drains would disperse via the trench soakaway.

2. The choice of a trench soakaway will maximise the permeable surface available for dispersal of the groundwater. If the overflow does operate then the proposed connection to an existing filter drain does seem appropriate if it connects to an existing land drain that passes beneath Millfield Lane. It would be a fairly simple procedure for the developer to expose the pipe and trace it.
3. We can see no mechanism that would cause groundwater to flow overland to the Heath and Ponds as suggested by the City Corporation or Alan Baxter. The lowest basement level is set at 78.00, this is 1.2 m lower than the lowest boundary level adjacent to Millfield Lane.

Based on the reviewed information the proposed drainage is appropriate for the design although it will be the responsibility of the developers designer to ensure that it operates correctly as they propose.

Regards

Jim

From: Richard Ball [<mailto:RichardB@cgl-uk.com>]
Sent: 24 February 2016 20:51
To: jt@horizon-ce.co.uk
Subject: Water House

Hi Jim,

Could I give you call please tomorrow regarding the Water House? I need to go back with some sort of response tomorrow on this to close it out.

Kind regards,

Richard

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