

Emily Porter

From: Amy Cooper <amy.cooper@turley.co.uk>
Sent: 01 March 2022 18:54
To: Janet Busby (JBusby@swindon.gov.uk); Peter Eggleton; Ilfa@swindon.gov.uk
Cc: Emma Gillespie; Oliver Coles; Andrew Cull; Dave Bathurst; Simon Mirams; Nick Jerrom; Paul Greenland; David Archer; Jeff Richards; Deborah George; Emma Geater; Ben Stonyer
Subject: [EXTERNAL] Lotmead, Swindon - Drainage information - Meeting 03.03.22
Attachments: Mimecast Large File Send Instructions

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Afternoon Janet,

Apologies for the delay in submitting drainage information and thank you for your patience.

At our meeting on 07.02.22 (see draft minutes at attachment 1) we identified that one of the drainage parameters (that required suds to be above 1 in 100 +CC) introduced significant deliverability concerns due to the extent of land raising that would be required.

We have subsequently prepared the attached information, paying particular focus on Phase 1, to illustrate the implications if all drainage parameters were applied. Attachments 2 and 3 identify these issues. In summary, if all drainage design parameters were applied we would be in conflict with a number of other outline parameters and assumptions that were made at outline which we are seeking to accord with.

However, we have put forward an alternative drainage strategy (see attachments 4, 5, and 6) which incorporates at source drainage measures, is compliant with the outline parameter plans and will deliver positive placemaking in accordance with the SDC.

This is accompanied by Hydrock's Technical Note (attachment 7) and other background information (attachments 8 and 9) for further discussion.

We look forward to discussing this with you on Thursday.

Kind regards

Amy

Attachments:

1. *Meeting Notes from 07.01.22*
2. *Phase 1 Surface Water Drainage Strategy LLFA Request Scenario (22006-HYD-XX-XX-DR-C-2005)*
3. *Turley Land Raising Implications Note*
4. *Phase 1 Surface Water Drainage Strategy Deliverable Scenario (22006-HYD-XX-XX-DR-C-2003)*
5. *Drainage Review Sections (comparing levels in the 'Developable' and 'LLFA Request' scenario)*
6. *Western Swale Section (3010-5-1-1-1-DRS-0005)*
7. *Hydock Surface Water Strategy Technical Note*
8. *Phase 1 Micro Drainage Calculations with surcharged outfall (22006-HYD-XX-XX-MD-C-0001 Ph1 SW calcs with surcharged outfall)*
9. *Outline Surface Water Drainage Strategy by Hydrock (22006-HYD-XX-XX-DR-C-2002)*

With regard to Agenda, clearly the focus will be drainage:

AGENDA

1. **Review of actions from meetings 07.02 and 10.02**
2. **Drainage Parameters** (focussing on Phase 1 as an example)
 - LLFA request and implications
 - Deliverable Scenario
 - Other drainage parameters (Urban creep/maintenance etc.)
3. **SBC comment on SCR Cross Sections** (issued 18.02.22)
4. **AOB**

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