

12. APPENDIX F - RFI TO HYDROCK

Gareth Jones

From: Gareth Jones
Sent: 20 October 2021 14:23
To: Jason Magee
Cc: Jason Walker
Subject: RE: [Hydrock: 13319_1-SBNO] C-13319 - Saltbox, Bognor Regis - Condition 15
Attachments: Level change summary and gradients_GJ_20.10.2021.pdf; Level change summary and gradients_GJ_20.10.2021.xlsx

Categories: Scanned by Gekko

Hi Jason M,

I have reviewed as-built information from ADBLY and compared it to the Hydrock as-built drawings. There are a number of discrepancies that I have outlined on the attached schedule. Could see you please revise drawings accordingly. This includes the following: -

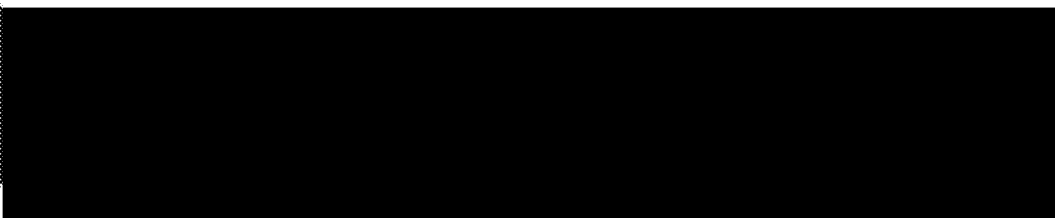
1. The majority of pipe falls
2. SW 209 manhole position and incoming pipes
3. SW 211a not shown on Hydrock Drawing
4. Review and check pipe and tank fall SW 213
5. Hydrock Access Road Drainage Layout drawing (SAL-HYD-PH1-ZZ-DR-C-7022 Phase 1) differs from ADBLY as built drawing, SMH-502a now removed. Hydrock to update
6. SW 504 ADBLY manhole reference incorrect, differs from Hydrock as built drawing
7. SW 505 ADBLY manhole reference incorrect, differs from Hydrock as built drawing
8. FC 501 ADBLY manhole reference incorrect, differs from Hydrock as built drawing
9. SW 901 to 903 length of runs excessive, confirm this is acceptable for maintenance
10. There are many discrepancies with Invert Levels notation. Please update all to match ADBLY.

MicroDrainage calculations are then to be updated accordingly.

There are also some instances where the pipe gradients are very shallow. Could you please confirm that there will be no issues with self-cleansing velocities and ensure the maintenance regime pays particular attention to these runs?

Regards

Gareth Jones *Eng MICE*
Principal Engineer



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From: Jason Magee <[REDACTED]>
Sent: 19 October 2021 12:59
To: Gareth Jones <[REDACTED]>
Cc: Jason Walker <[REDACTED]>
Subject: RE: [Hydrock: 13319_1-SBNO] C-13319 - Saltbox, Bognor Regis - Condition 15

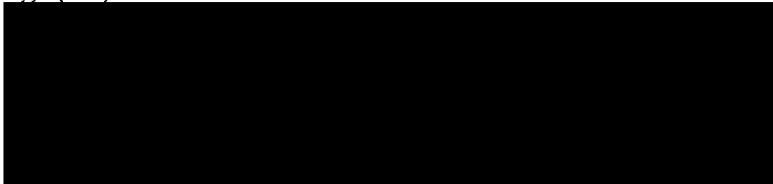
Hi Gareth,

Please see attached requested information.

With regards to the third bullet point, the as-built levels should be reflected in the updated calcs.

Kind regards,

Jason Magee
Principal Infrastructure Engineer



From: Gareth Jones <[REDACTED]>
Sent: 19 October 2021 11:10
To: Jason Magee <[REDACTED]>
Cc: Jason Walker <[REDACTED]>
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Hi Jason,

Thank you for sending this through, happy to carry out an independent review and will come back to you in due course to agree fee.

Could you please provide some additional information: -

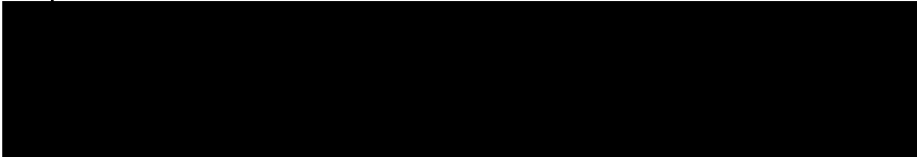
- As built MicroDrainage Calculations (reflecting built invert levels and pipe gradients).
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- The as-builts now reflect the correct invert levels and gradients noted accurately on the drawings? This will aid when reviewing and checking the model calculations?
- A schedule of changes throughout the design process for revisions to the design and explanation.

Many thanks

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Principal Engineer



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From: Jason Magee <[REDACTED]>
Sent: 18 October 2021 18:28
To: Gareth Jones <[REDACTED]>
Cc: Jason Walker <[REDACTED]>
Subject: RE: [Hydrock: 13319_1-SBNO] C-13319 - Saltbox, Bognor Regis - Condition 15

Gareth,

Hydrock Bristol Civils understand that Arun District Council have issued a refusal on Condition 15 for the Saltbox, Bognor Regis project (Units 2, 4, 5, 8 and Access Road). As it states; the requirements of the condition have not been met as the verification report has not been completed by an independent engineer. With this in mind, please see attached all relevant information to be forwarded on so a formal review on the scheme can be undertaken.

Information set out as below:

- All drainage and external "As-Built" drawings produced at handover. Link: <https://we.tl/t-13mYZ1XmUV> (please note link expires in 7 days).
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Condition 15 for reference set out as below:

"Immediately following implementation of the approved surface water drainage system and prior to occupation of any part of the development, the developer/applicant shall provide the local planning authority with as-built drawings of the implemented scheme together with a completion report prepared by an independent engineer that confirms that the scheme was built in accordance with the approved drawing/s and is fit for purpose. The scheme shall thereafter be maintained in perpetuity."

Kind regards,
Jason Magee

Principal Infrastructure Engineer

Following government advice, I am currently working from home. If we need to speak, please send me an email or message me on Teams and I'll get back to you as soon as I can. For wider information on working with Hydrock during COVID-19 visit hydrock.com/coronavirus.



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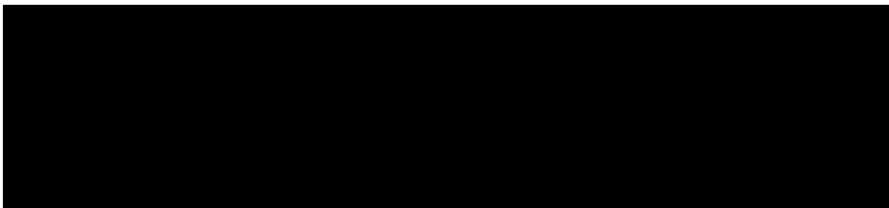
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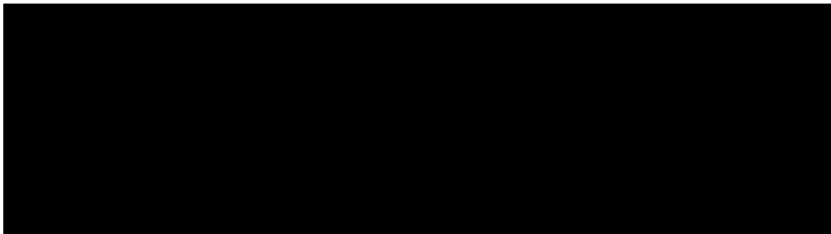
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