

From: Roni Savage [REDACTED]
Sent: 03 January 2018 13:05
To: [REDACTED]
Cc: [REDACTED]
Aoife
<sin...>
Subject: P1017J1129: 12727-05 35 Templewood Avenue

Dear Graham,

Please see below and attached response.
Do not hesitate to contact me if I can be of further assistance.

Kind Regards,

Roni Savage BEng(hons) MSc SiLC CGeol MCiWM
Technical Director

  

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Sent: [REDACTED]
To: rs@jomasassociates.com
Cc: Haz...
Aoife@jomasassociates.com
Subject: 12727-05 35 Templewood Avenue

Hi Roni

At the end of last year you provided some additional BIA information in regards to 35 Templewood Avenue. I was not involved in the original audit but am completing the process now in the absence of my colleagues. It appears the queries have generally been answered by your most recent submissions. Whilst the neighbouring foundation depths are unknown and have not been confirmed, on the basis of assuming shallow foundations your GMA is likely to be conservative.

In order for us to finalise the audit, please can you answer the following:

1. We have your XDISP input files - for completeness could you also provide the vertical / horizontal movement contour plots. **Please find attached the horizontal and vertical displacement contours for the Xdisp CIRIA Excavation/Installation + Long term footing loading analysis run.**
2. Could you also make a statement (via email is fine) indicating your assessment of potential damage to the Listed Shrieber Pool and the highway please, as these aspects were not addressed in

the original GMA. I note that in the BIA V1.1 section 15.5 you comment that lateral ground movements must be controlled in order to protect the highway / services, but we need to understand the magnitude of predicted movements and your impact assessment / proposed mitigation. we addressed these items and commented on the magnitude of expected movements in v2 of the GMA dated 15/11/17 (reattached). It details maximum deflection performance criteria for the swimming pool underpins.

3. Its noted that you have provided a monitoring plan and trigger values, and that those trigger values should be appropriate to control damage impacts within Category 1. (Also noted that the Pool is included within the monitoring plan, but you should provide your prediction of movement / damage impact as per 2, above). As above, the movement predictions/performance criteria for the pool and highway items are covered in v2 of the GMA. Let us know if you require any further clarification and/or detail.

Regards

Graham Kite

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