

Narinder Jheeta

From: Nigel Grayer <nigelgrayer@sdpce.co.uk>
Sent: 23 November 2016 15:56
To: Narinder Jheeta
Subject: Bicester Phase 2; Gabion Walls adjacent to the Road Bridge.

Narinder,

Further to our discussions regarding the gabion wall construction adjacent to the already constructed road bridge, I am pleased to confirm the following.

Unfortunately the gabion walls were not constructed at the same time as the road bridge. This would have been the correct methodology as now the construction of the gabion wall will cause issues with the bridge. Currently the bridge has temporary earth banks preventing the granular fill below the road and under the bridge from spilling out.

Lister Geotechnical have confirmed that the soft Alluvium found will not be suitable to support the dead weight of the gabions. As such a piled slab is required. To install the foundation at the correct level the temporary earth banks need to be removed which will mean the granular fill below the road and bridge will be undermined and would spill out. If this occurs there is no way of replacing it.

Therefore an earth reinforced bank which maintains the temporary earth banks is the most appropriate solution.

I trust the above is sufficient for your use any queries please give me a call.

Regards

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