

From: Richard Ball <RichardB@cgl-uk.com>
Sent: 19 March 2014 10:41
To: Sexton, Gavin
Subject: 99a Frogna

Gavin,

We have reviewed the additional information provided by Mason Navarro Pledge, dated March 2014 (*Ref: Damage assessment report of neighbouring structures due to excavation at 99a Frogna, Hampstead, London, NW3 6XR, 214073 – March 2014*).

The report consists predominantly of visual inspection of the site and perimeter structures with reference to additional calculations that have been undertaken regarding the two areas of the site that fall into 'slight'. A substantial portion of the report is review of the work undertaken in the previous GEA analysis and we have noted this.

Comments are as follows:

Section 4.5: GEA temporary prop levels: 121mOD & 117.3mOD, permanent prop levels **114.4mOD & 120mOD**

Section 6.1: Refers to 'correction parameters' in CIRIA, what are these?

Section 6.3: Temporary prop levels are the same as GEA, permanent prop levels are at **115.5mOD & 120mOD**. This is effectively revising the basement floor slab level in the final scheme, which would presumably constitute a significant redesign of the new basement. It is not clear if the revised analysis allows for a higher excavation level as well.

Section 6.4: Notwithstanding comment above, it is not clear how the revised construction sequence brings potential damage category into 'Category 1', no calculations of ground movement, deflection, or building damage assessment have been provided.

Section 9.3: What are the predicted WALLAP movements? Is it possible to modify the permanent prop (i.e. basement floor slab level)?

We agree with the sentiment that revising the construction sequence/propping levels in these critical locations can potentially reduce damage categories to Category 1, however this is not conveyed in the information provided.

Kind regards,

Richard

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