

From: Martin Cooper <Martin@gea-ltd.co.uk>
Sent: 22 July 2015 10:15
To: Ampoma, Nanayaa
Cc: Steve Branch
Subject: RE: Charlotte St BIA

Good Morning Nanayaa

Our review of the BIA found it to fall short of the requirements of CPG4 in two respects:

- There is no *'demonstrable evidence that the assessments have been made in conjunction with an Engineering Geologist with the "CGeol" (Chartered Geologist) qualification from the Geological Society of London'*.
- There is no assessment of ground movements resulting from the basement construction. Such an assessment should include an assessment of damage category and proposals for monitoring and mitigation as necessary.

We've now been through the revised BIA and note that it has been reviewed by a chartered geologist and therefore the first of the points has been satisfied. In relation to the second point, we also note that a ground movement analysis has been undertaken and included as a new appendix to the BIA. The ground movement analysis goes some way to satisfying the requirements but there is insufficient detail as to how the conclusions have been reached. We would normally expect to see calculations that show the parameters used in the C580 calculations and at present there is no detail on the single contour plot that shows where the building lines are and also the detail of the movements at each stage of the construction.

The GMA is therefore not considered to be compliant at this stage in the adequate demonstration of how the movements have been derived.

We understand that the timescale is tight and if the applicant were to be able to submit the detail noted above by close of play tomorrow we can respond by noon on Friday.

Kind regards

Martin

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