

Sexton, Gavin

From: Richard Ball <RichardB@cgl-uk.com>
Sent: 09 April 2014 16:43
To: Sexton, Gavin
Subject: RE: 99a Frogna1

Gavin,

With regard to the cumulative impacts, the information provided addresses this item and we have no further comment.

With regard to the damage assessment, the applicant has revised adhesion values on the wall within the bounds of existing design codes, giving rise to a reduction in predicted ground movements. We also accept that the installation movement factors provided in the initial GEA report can, with good construction practice and control, be reduced to the equivalent of those used for a contiguous piled wall (in addition we understand that the wall itself may yet be a contiguous piled wall). We are asked, however to accept that these movements cause damage categories to fall into 'Category 1' without calculation being provided. We accept that in principal these reductions may give rise to Category 1 movement, and as CPG 4 allows for up to Category 2 movement, the requirements of that document have been met.

However we would recommend that the applicant uses the calculated ground movements from their revised WALLAP analysis to provide a building damage assessment for the swimming pool for inclusion in the BIA. This provides a more complete assessment without requiring the swimming pool construction sequence to be referred to within a planning condition.

We trust this assists, please do contact me should you wish to discuss.

Kind regards,

Richard

Richard Ball, Principal Engineer



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