

Suzie Cooper

From: Matt Legg <matt.legg@gea-ltd.co.uk>
Sent: 05 June 2019 17:26
To: Suzie Cooper
Cc: James Souter; Ella Seed
Subject: RE: Hall School - movement monitoring

Hi Suzie,

Having reviewed the movements, the most sensitive neighbouring elevations are those of 24 Crossfield B, C & D, which are predicted to sustain Category 0 and Negligible damage. Taking into consideration this we would suggest the following movement trigger levels:

Amber: 6mm Vertical and 9mm Horizontal

Red: 9mm Vertical and 15mm Horizontal

The rationale for these triggers are as follows:

Amber – These are the maximum movements currently predicted by the analysis. If we reach these movements there will need to be a review of the analysis results in the context of the basement construction at the time, but work may continue.

Red – At these levels of movements the neighbouring elevations of 24 Crossfield B, C & D are still Category 0, however the retained elevation of the school referenced as 'The Hall B', will experience a level of damage that corresponds to halfway between Category 1 and Category 2. As these movements are above those predicted and are part way to resulting in a building damage of Cat 2, albeit a neighbouring elevation, work should be stopped, the construction work reviewed and the movement analysis revisited prior to work continuing.

Trust the above is useful and makes sense but do let me know if you require anything further. I am out of the office tomorrow but can be contacted on my mobile – 07912099709.

Best Regards

Matt



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