

**From:** Studio [studio@burdhaward.com](mailto:studio@burdhaward.com)  
**Subject:** Fwd: 1590\_Wolsey Mews\_BIA  
**Date:** 15 September 2016 at 11:33  
**To:**

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**From:** Mark Donald <[mdonald@siteinvestigations.co.uk](mailto:mdonald@siteinvestigations.co.uk)>  
**Subject:** RE: 1590\_Wolsey Mews\_BIA  
**Date:** 8 September 2016 at 17:39:19 BST  
**To:** Buddy Haward <[buddy@burdhaward.com](mailto:buddy@burdhaward.com)>  
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Hi Buddy

My colleague Jack will be sending the revised report over in the next few minutes.

We have revised the Damage Category Assessment following the conversation with Fatima Drammeh of Campbell Reith. The ground level behind the piles has been taken as the internal floor level within No.25, while the displacement ratios have been averaged between those for secant and contiguous BPWs (which is slightly conservative) and the modification previously used in accordance with the Ball, Langdon & Creighton (2014) paper has been omitted (though we remain of the opinion that provided the contractor complies with its conditions then it would be applicable).

The changes made are as follows:

- Para 3.3: Variation in levels around the site clarified, and depth of excavation below No.25's FFL identified.
- Para 10.5.3: Number of sub-zones for perimeter piles corrected (the original report erroneously stated that the perimeter piles were as deep as the internal bearing piles – apologies for that), and the reason why greater pile lengths and an additional sub-zone for the internal piles was required is explained.
- Table 2: Sub-zones 1-10, b-e corrected to 1-10, b-d.
- Para 10.5.13: Levels clarified and made more precise. Allowance for the recommended combination contiguous/secant BPWs added to the displacement ratios.
- Table 5A: Depths of installation and excavation corrected, and movements re-calculated.
- Para's 10.6.4 to 10.6.7: Geometry and damage category calculations revised, including clearer explanation and justification in 10.6.6 of deflection calculations.
- Figure 10B: Damage Category remains 0.
- Para's 10.6.8-10 (formerly Para 10.6.8): New DCA for No.25's flank wall.
- New Figure 11A.
- Subsequent para's re-numbered and previous Figure 11 has become Figure 12.
- Para's 11.11 & 11.12 revised to suit the revisions to the DCA.

Please don't hesitate to contact me should you have any further questions.

Regards  
Mark

