

<b>BYRNELOOBY</b>	Project	12 Eldon Grove, London, NW3 5PT	Job No.	9006		
		Basement Impact Assessment	Made By	DLC	Date	30/09/2022
Document Reference 9006 BIA Campbell Reith Audit_ByrneLooby Comment	Sheet Title	Campbell Reith Audit	Chkd By	RT	Date	Sept 2022
		ByrneLooby Comment	Sheet No.	1 and 2 of 2	Rev	-
Query No	Comments					BIA Page Ref
	<p><b><u>Introduction</u></b></p> <p>This document relates to the Basement Impact Assessment Audit carried out by Campbell Reith Consulting Engineers for London Borough of Camden, in relation to the proposed basement extension development at 12 Eldon Grove, London NW3 5PT. The Audit Reference Number is 13693-53 Rev: D1 dated June 2022.</p> <p>The Audit relates to ByrneLooby Basement Impact Assessment report Ref 9001-BIA-001 Revision E dated 21.01.2022. This is a 377page collated document included Appendices A to G. Appendix A and Appendix B include Paddock Geo-Engineering Ground Investigation Report and Basement Impact Assessment.</p> <p>ByrneLooby responded to the initial Audit comments on 18 August 2022. Campbell Reith Consulting Engineers responded again on 24 August 2022. This document sets out ByrneLooby’s further response.</p> <p>The Query No relates to the Audit Query Tracker.</p> <p>In the comments below (45/377) gives the BIA Page Reference of the 377page collated document.</p> <p><b><u>ByrneLooby Comments 30/09/2022</u></b></p> <p>1 Closed status</p> <p>2 An outline construction programme will be provided by the building contractor is appointed.</p> <p>3 For surface water attenuation proposals please refer to SUDs report 9001-SUDS-001.Rev – Submitted with previous comments and submitted again with these comments.</p> <p>4 Paddock Geo Engineering have confirmed the following:</p> <p><i>The water encountered in the wells is not considered to be representative of a water table, but a non-continuous perched water body or surface water inflow into the wells and therefore, the proposed basement would not extend below a water table. As stated by the Hydrogeologist employed (Chord Environmental – John Evans) for their specialist advise for the screening: “In the absence of continuous sand strata, the Claygate Member is cohesive and as such cannot transmit significant groundwater flow under normal hydraulic gradients. It therefore cannot support a continuous water table as would occur in a permeable and porous medium. Monitored water levels represent either isolated pockets of groundwater (perched water), usually within Made Ground, or undrained collected surface water.”</i></p>					

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	Please refer to copy of Paddock Geo Engineering email of 9 September 2022 enclosed.					
5	Data for the ground movement analysis are detailed in Section 5.7.3 of Paddock Geo-Engineering's Basement Impact Assessment report. Input parameters for the PDisp for the No 12 Eldon Grove basement are given in copies of the .pdd files enclosed. Calculations for the building damage assessment are given in copies of the .xdd file enclosed.					(306/377)
6	ByrneLooby have reviewed the trigger levels set in Appendix F of the ByrneLooby BIA in relation to the PGE ground movement analysis. Given the small magnitude of predicted movements predicted, ByrneLooby confirm that the 5mm amber trigger level is appropriate. This allows a degree of tolerance of the monitoring instrumentation and an allowance for normal thermal/moisture movements, so we would not recommend an amber trigger level less than this.					