From: Helen Stone

**Sent:** 08 September 2023 12:08

To: David Fowler

Cc: Planning; Kathy Doyle; Jim Monahan

Subject: Discrepancy in materials on Camden Planning Portal for One Museum

Street planning application.

Dear Mr Fowler,

I am writing to query a discrepancy between documents recently uploaded on the Camden planning portal for Planning Application ref. 22023/2510/P.

I gather you have drawn to my colleagues' attention the Campbell Reith report on the Basement Impact Assessment Audit dated September 2023. This document contains a description of the bored piling on the site which seems to be based on a 2021 report, (mentioned in the list of reference documents in the report) and significantly differs from the drawing and description of the piling in the 2023 Basement Impact Assessment and Structural Impact Assessment report by Heyne Tillett Steet of June 2023 also on the planning portal.

The former describes 24 settlement reducing piles, (plus 15 anti-heave), whereas the latter describes and shows on plan 44 settlement reducing piles (plus 15 anti-heave piles).

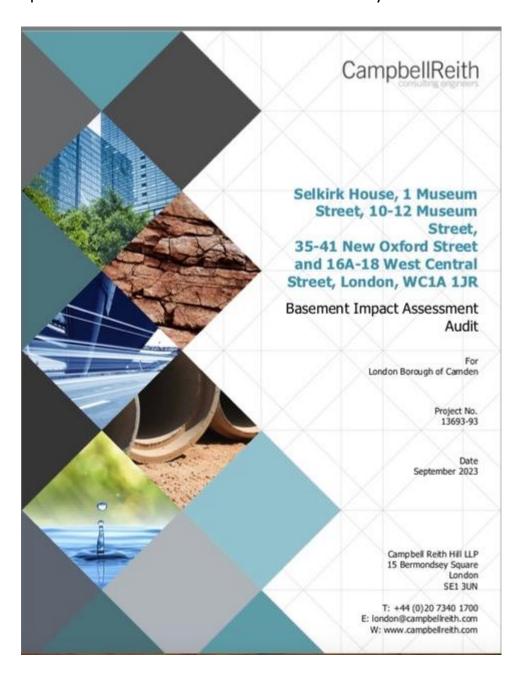
Whilst the discrepancy may not change Campbell Reith's findings, I would suggest that materials should be consistent and based on latest design information.

I have relied on the 2023 Basement Impact Assessment & Structural Impact Assessment in making objections and observations about the inordinate amount of concrete needed for the new build design versus the retrofit option. I would not wish these to be based on incorrect information.

From past experience, I would consider it unlikely that the number of piles has been reduced, and therefore I would expect that the latest design includes 44 settlement reducing piles, but I shall await your confirmation.

Will you please clarify at your earliest convenience which information is correct?

## I provide below relevant screen shots to assist you:



Selkirk House, 1 Museum Street, 10-12 Museum Street, 35-41 New Oxford Street and 16A-18 West Central Street, London, WC1A 1JR Basement Impact Assessment Audit

## CampbellReith

- 4.16 The scoping assessment for felling of trees identified piling works will take place near tree protection zones. A technical note is provided in Appendix D detailing piling rig consideration and root protection systems for three piles in the southeast corner of Museum Street. It is accepted that the felling of tress will not impact the structural stability of the proposed works due to the presence of granular Made Ground and Lynch Hill gravels, which are not expected to heave or settle significantly due to tree removal, and which should not impact neighbouring properties.
- 4.17 The Structural Engineering Report (SER) has been carried out by engineering consultants. Meinhardt (UK) Ltd. The SER details demolition stage, proposed superstructure, substructure, construction sequence, load paths and monitoring strategy for each part of the development. The SER is further supported by structural drawings detailing the construction methodology. The following substructure proposals are summarised:
  - The existing basement under 1 Museum Street will be reused and existing retaining
    walls are proposed to be re-supported by a series of reinforced concrete piers and waler
    beams to accommodate the double height in some areas. New foundations in the form
    of a raft foundation and pad foundations will be built on top of the existing raft
    foundation.
  - At 1 Museum Street, settlement-reducing piles will be utilised comprising 14no. approximately 25m long 900mm-diameter bored piles toed at -7.5mOD along the perimeter of the Post Office tunnel exclusion zone directly beneath the proposed core, and 24no. approximately 20m long 900mm-diameter bored piles toed at -2.5mOD to support other areas of the hybrid raft.
  - The basement below the High Holborn block will be backfilled in the permanent condition and temporary props will be provided when the ground floor is removed.
  - A new basement is proposed to a depth of c.6.50m bgl in the new Vine Lane development. It will be constructed with 750mm dimeter secant piled wall and toed in at 11.00m bgl within the London Clay Formation. A 600mm thick reinforced concrete raft is proposed. Temporary propping is provided at capping beam level.
  - Demolition of 16-18 West Central Street to accommodate construction of a new 6 storey building. The existing basement will be retained, and localised underpinning in the range of 0.90m to 1.30m deep implemented to accommodate the new raft foundation.
  - The existing structure on 10-12 Museum Street and New Oxford Street will be largely retained and vaults infilled with foam concrete. Localised underpinning will be undertaken.



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## Name (COO)

Figure 2.4 Ground floor plan of the proposed Museum Street, Vice Lave, High Halborn and West Central Street developments

- 2.6.7 . The following foundation systems will be implemented across the  $i\,\mathrm{d}$ 
  - Makeum Street Within the centry (samenet, new discrets shallow bodge) at claim boatons and a new hybrid plact
    soft boardation system beneath the core will be constituted approximately 2m about the leader placet of the lays of the
    existing call, with large portions of the existing beamenst relativished and maked. Several beaming place will also be
    constructed for columns lending cutdate of the beamenst to the north and exist, and within the beamenst in the southeast
    conver.
  - When Lame A new self foundation system will be constructed, registering any existing substructure elements present in the location. The net will be first a new secont suill bed approximately kin below the proposed formation level.
  - Important will be backfield above the new raft to ground level.
  - West Central Street. The souting beament and hondations will be retained before new columns, with insteed becomes
- 2.6.6. The Makeum Street extrement instituting give appear as shown in Figure 2.9 aims do complise than a gapter instancy 20-may dollars determine however provide gives based at 7.5 mCOQ along the permitted of the Printfolds sharesis extremely considered the proposed gives been determined by a proposed gives a series of the injuried safe, suppressed and provided gives a prov

- 2.5.3. Specials contracts Markets Pring Ltd (Markets) has been epiged to discuss the commutability of the arthmeré-relating plas on restricted fixable connections prior to consisting the existing superstandars. Following beares the project team and Markets. It is understood that covervations of all settlement existing plass in both that capability.
- 2.5.10. Temporary project during with a restrict of ground lesse, prior to proceeding with fast exclusion works for the proposed Viter Law Samment. Such researces will increase the system all finites of the sharing with and related the rest of advancy affecting resignating durations and third-painty assets. Just to accessive ground increment.
- 2.6.11. Temporary propping will also be mislated in the existing below. Notice basement during demolition of the existing beament status and countries from of their basement with and status.
- 2.6.12. The petrol tank charater room, present directly ead of the Sellon House becomes undermath the proposed piec cap, will be willded and sealed as part of the proposed development. Pleas restailed within the Sorgerist of the charater will be turned through the concess in section understance with the destroy.
- 26.13. The Vine Lane beament occasion will be apported by a secart pile self along the sect, noth and northwest jamnetar. In the
- 2.5.14. Under undergrowing works are proposed at West Centre-Street to despire the exempt beament to inside the next set foundations. The undergrowed be not an efficient of the accomplishing the foundation of the accomplishing the foundation of the accomplishing the property set for market of the classification.



Fire (Plan turner and in sever extreme construction green Considerable in respect Fire plan density or to extra turner) and understanding plan text of 7 Settle

Pad place anthonormology one that or is \$1000.

Microscope Street gave right increment spectral and self-browns make inc.

INVA HAVE 190 High Holison and I Manuel Street, No C Manuel Street, SH-41 New Collect Street and MA-16 West Cellust Street, London, WCTA 138 - Basement Impact Assessment

Helen Stone

Ms H. Stone OBE FREng BSc CEng FICE