



Photo 1



Photo 5



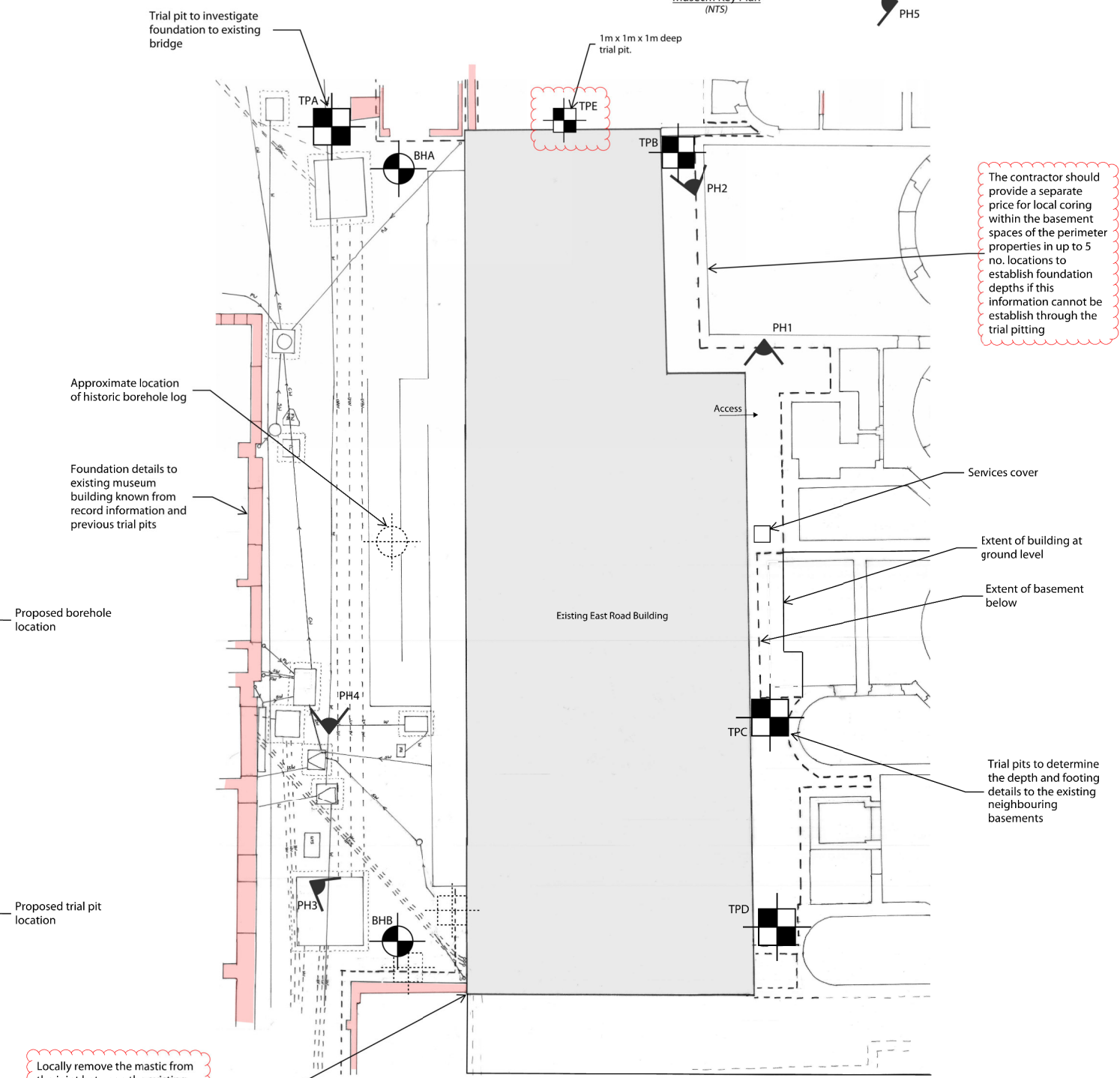
Photo 2



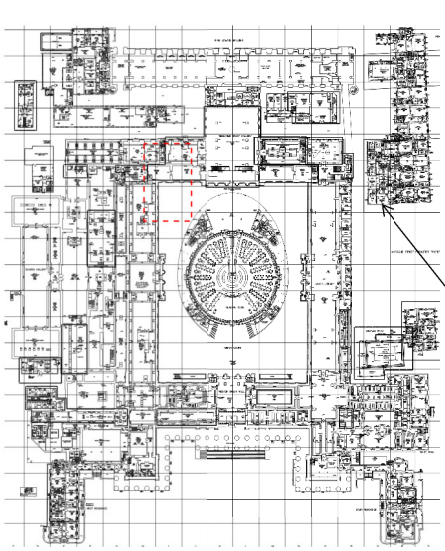
Photo 3



Photo 4



Local Plan (1:100)



Museum Key Plan (NTS)

Coring of Foundations
Where trial pits are unable to reach the full depth of foundations due to space constraints or practical excavation depth, the contractor should allow for drilling down through them to establish the foundation depth

Recording of Trial Pits
The contractor should allow in their programme for Alan Baxter to view and record the findings of the trial pits prior to backfilling

Reporting
The contractor should provide an interpretive and factual geotechnical report along with commentary on the design of shallow pad/strip/raft foundations and deep piled foundations. The report should include as a minimum:

- SPT tests at 1.5m intervals for the full depth of the borehole
- U100 samples at the top of each stratum and the base of the borehole and at max. 1.5m intervals in between
- Shear strength of U100 samples determined by triaxial testing
- Appropriate testing and interpretation within window samples to estimate the allowable bearing pressure at regular depths
- Sulphate tests on all different soil types and water
- Sampling and testing necessary to advise on the appropriate design sulphate class and aggressive chemical environment for concrete in order that suitable concrete mixes can be specified for use in the ground
- Tests to determine the soil parameters for the design of piles, pad foundations and basement construction with advice on each of these
- The density of all soils encountered, liquid limit, moisture content, PH value, organic content and index properties

The contractor should allow for:

- Making safe in the temporary and permanent cases. The contractor is responsible for complying with all requirements of the Health & Safety at Works Act 1974 including health and safety executive approved codes of practice and guidance notes.
- Backfilling and properly compacting excavations once recording by all parties is complete.

Making good all investigations to match existing. Exact proposals are to be agreed between the contractor and the client

- Adequately supporting trial pits and providing safe access and attendance to enable ABA to view the findings.
- Locally extending trial pits if required within reason
- Providing fencing along with all necessary lights and signage where trial pits are required to be left open for a period of time. They will also take necessary precautions to protect the trial pits from adverse effects of weather.
- Checking for live services that obstruct the works and agreeing with ABA how to proceed if this is the case. The contractor is to repair any services they damage at their own expense.
- Clearing up debris and keeping areas neat and tidy at all times

Additional Trial Pits
The contractor should allow in their price for carrying out one additional 1.5m x 1.5m x 2.5m dp trial pit if required during the investigations.

They should also allow for locally extending trial pits within reason if required

Ground Contamination
The contractor should include for carrying out an initial contamination appraisal and then following the appraisal setting out their recommendations and fees for any further testing that may be required

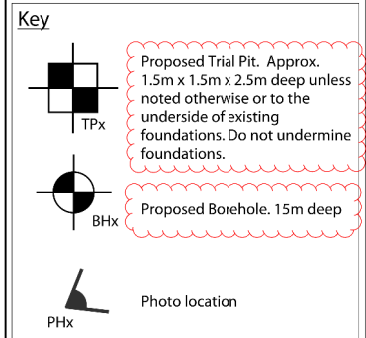
Standpipes
A standpipe should be included in each borehole to record water levels with a data logger and a lockable cap. Data should be recorded for a period of 6 months. The contractor should return to site after 3 months and 6 months to obtain the results and submit them to Alan Baxter in tabulated and graph form.

Basement Impact Assessment (BIA) for London Borough of Camden

The contractor should provide a separate price for undertaking a Ground Movement Assessment (GMA) of the proposals in accordance with relevant guidelines, e.g. CIRIA C760 which takes into account the construction methodology (which will be provided) and site specific ground and groundwater conditions.

They should also include a separate price for undertaking a hydrology impact assessment to feed into the BIA assessing impact on the wider hydrological environment and the risk of surface water and sewer flooding. ABA will provide known information about the neighbouring structures.

notes
1. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and the specification.



A	01.12.22	ISSUED FOR TENDER	MSp
-	18.11.22	ISSUED FOR INFORMATION	MSp

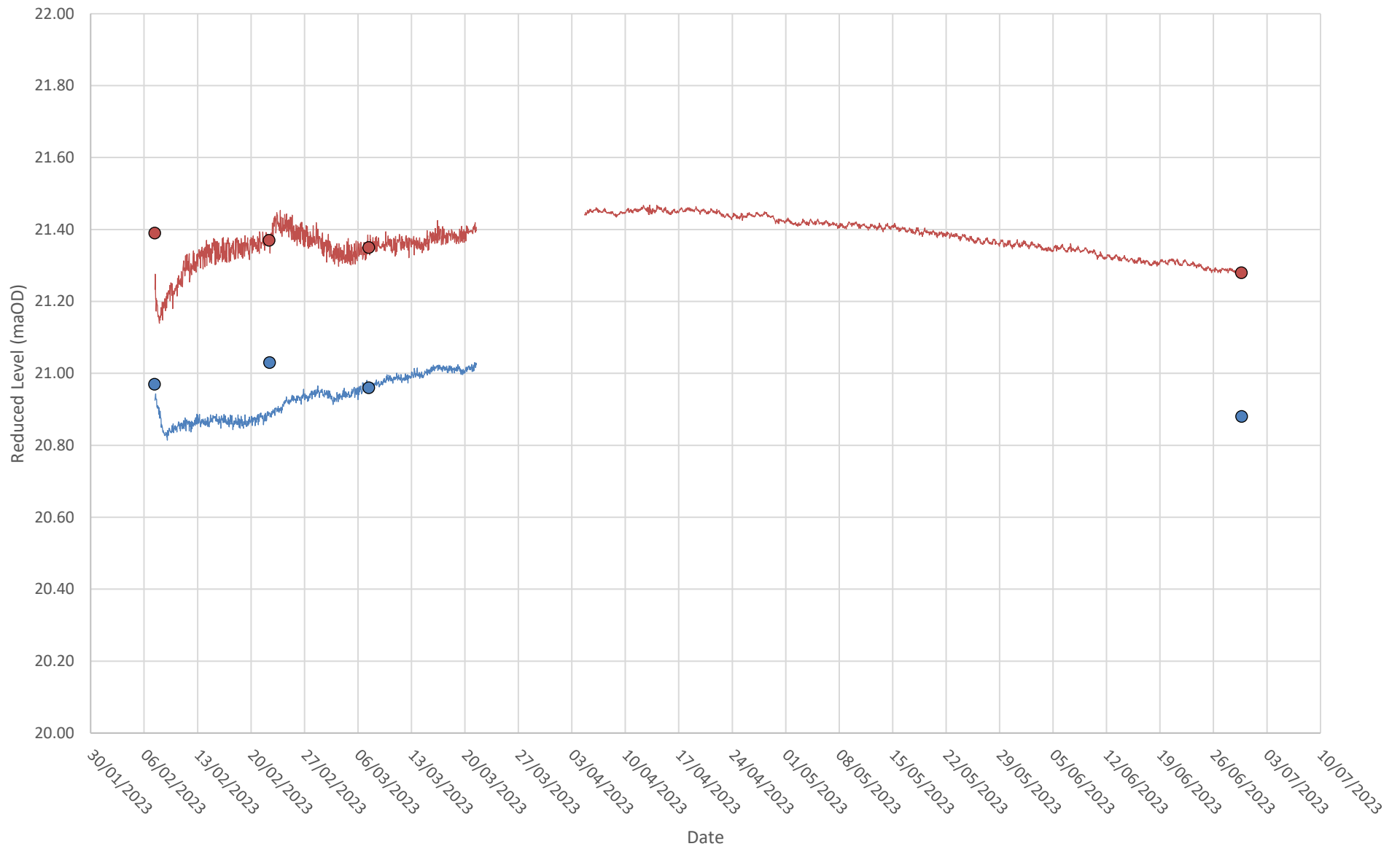
job
BRITISH MUSEUM SOUTH WEST ENERGY CENTRE

title
EAST ROAD BUILDING PROPOSED SITE INVESTIGATIONS

drawn	checked
MSp	FN
date	scale (original - A1)
NOV '22	AS SHOWN

Alan Baxter
75 Cowcross Street London EC1M 6EL
tel 020 7250 1555
email aba@alanbaxter.co.uk
www.alanbaxter.co.uk

diag. no.	rev.
1910/41/S01	A



— BHA_SP1 LL — BHB_SP1 LL ● BHA_SP1 Dip ● BHB_SP1 Dip