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**KEY:**

- ① ELECTRICAL/GAS SERVICE RISER TO BE REDUCED BY 100MM x 400MM
- ①b ELECTRICAL/GAS SERVICE RISER TO BE REDUCED BY 100MM.  
Reduce riser width by removing 2No. 90 elbows and appropriate length of pipework at bottom of riser on ground floor and on the floor below. Form new holes in the ground floor near to the wall and install new pipework and fittings to allow heating and flow to be installed tight to the wall to reduce size of riser. Contractor to expose the riser and investigate intrusively to ascertain new holes can be formed. Heating system drain down required. Flush and refill as required and dose the system. Leave in working order.
- ①c ELECTRICAL/GAS SERVICE RISER TO BE REDUCED BY 200MM  
Heating pipework is rising in a plaster board riser next to decorative ceiling arch. The riser boxing needs to be shortened so that heating pipework in the corner can shift along so that the riser boxing is clear of the ceiling detail. Cut out the existing piping and reinstall new piping from below floor level in new position clear of the ceiling detail. Reposition electrical containment, power and data cabling in order that the pipework can be installed in new position. Heating system drain down required. Flush and refill as required and dose the system. Leave in working order.
- ①d ELECTRICAL/GAS SERVICE RISER TO BE REDUCED BY 100MM x 300MM
- ①e ELECTRICAL/GAS SERVICE RISER TO BE REDUCED BY 150MM x 150MM
- ①f ELECTRICAL/GAS SERVICE RISER TO BE REDUCED BY 200MM
- ①g ELECTRICAL/GAS SERVICE RISER TO BE REDUCED BY 100MM
- ⊗ ELECTRIC RISER VERTICAL TRUNKING TO BE REMOVED, ALLOW FOR ROUTING CABLING WITHIN LATH AND PLASTER FINISHES. ANY RESULTANT REPAIR WORK TO BE CARRIED OUT USING LIME PLASTER, PLEASE REFER TO METHOD STATEMENT
- ①h BOXING AT HIGH LEVEL TO BE REMOVED  
Flow and return heating pipework offsets at high level under the ceiling in a boxed arrangement connecting to the riser at first floor. Reposition electrical containment, power and data cabling in order that the pipework can rise straight through from high level ground floor to first floor without an offset. Investigate intrusively to ascertain feasibility. Heating system drain down required. Flush and refill as required and dose the system. Leave in working order.
- ② SERVICE RISER NOT POSSIBLE TO REDUCE
- Existing riser outline

**NOTES**

A. Information based on a visual survey undertaken by BDP on 06.06.2019. Access at the time was limited to openable access hatches.  
 B. Confirmation of proposal to reduce risers subject to further site investigations.



**No.8**

**No.9**

**No.10**

**No.11**

<p><b>BDP.</b></p> <p>16 Brewhouse Yard          Clerkenwell          London EC1V 4LJ          United Kingdom          T +44 (0)20 7812 8000          F +44 (0)20 7812 8399          www.bdp.com</p>		<p>PROJECT TITLE  <b>British Museum          Perimeter Properties Refurbishment</b></p>	<p>SCALE</p>
		<p>PROJECT NUMBER  <b>P2002323</b></p>	<p>DATE  <b>14/06/2019</b></p>
		<p>DRAWING TITLE  <b>Ground Floor level          Works to risers</b></p>	<p>REVISION</p>
		<p>DRAWING NO.  <b>(20)AP001</b></p>	