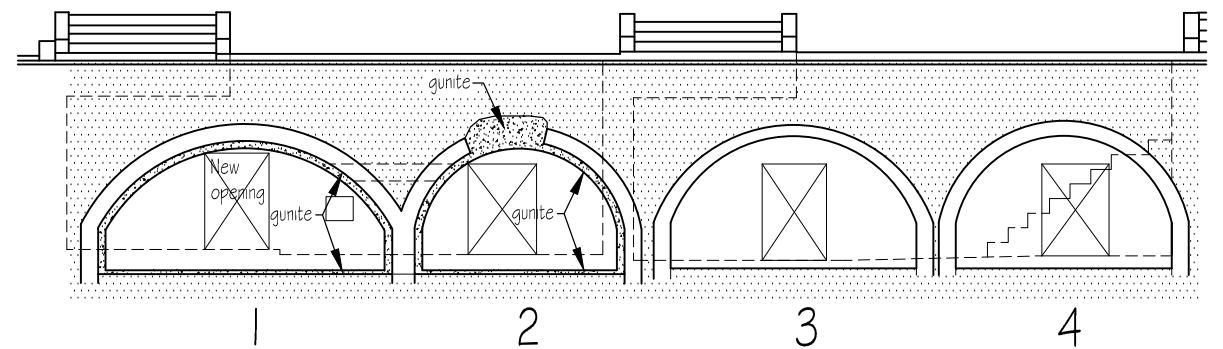


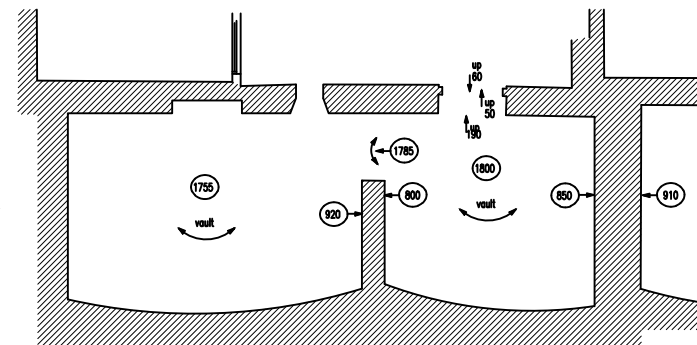
### New basement floor

- Carefully break up and remove the existing floor construction.
- Cast a new 150mm thick reinforced concrete slab (RWA Specification mix ref. M2, Grade C35) on 150mm minimum MOT Type 2, with membrane and insulation in accordance with the Architect's specification. Provide 1 No. layer of A 142 mesh top and bottom with 20mm concrete cover.
- Concrete to be trowelled smooth to receive specified finishes
- New partitions to be built off the new concrete slab



### Work to vaults (not part of main contract works)

Vaults 1 and 2  
Prepare the surface of the arched brickwork and walls by gnt blasting to remove any loose material.  
Drill the perimeter of the hole left by the collapsed brickwork and resin fix reinforcement below the exposed tree roots.  
Carefully protect the exposed tree roots with compressible material and fill the void left by the collapsed brickwork and missing soil with Gunite. The compressible material must be protected with polythene or similar to ensure that the concrete does not cause it to solidify.  
Mechanically fix A 98 steel mesh to all internal surfaces.  
Carefully remove all timber props and replace with steel Acrow props or similar  
Apply a 100 mm thick layer of Gunite to all internal surfaces, with the existing Acrow props left in position. Once the Gunite has cured grind off the projecting Acrow props flush with the surface and overspray the exposed steel tubing.  
Upon completion of the Guniting remove any debris from the floor and cast a 100 mm thick concrete slab on an approved damp proof membrane.



### NOTES

- This drawing to be read in conjunction with all relevant Architects, Engineers and specialists drawings, details and specifications.
- Do not scale from this drawing
- All dimensions in millimeters
- Scale 1 : 100 unless noted otherwise

H	31-01-14	new basement floor construction specified
Rev	Date	

R W A London  
Civil & Structural Engineers

telephone : 020 7593 0088  
e-mail : engineers@rwalondon.co.uk

Issued for TENDER

24/25 Bloomsbury Square

Basement Floor Plan - Proposed

3198 100 H