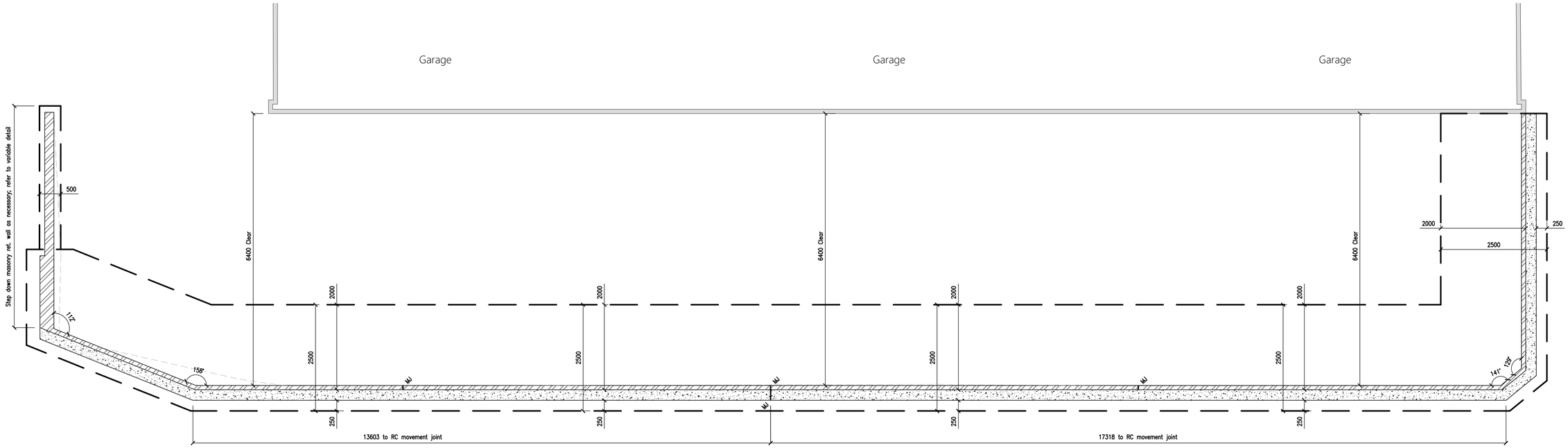
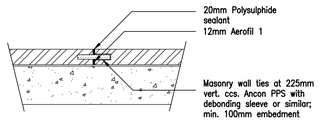


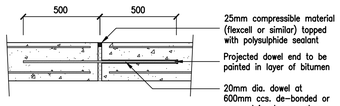
RC RETAINING WALL PLAN

Scale 1:50



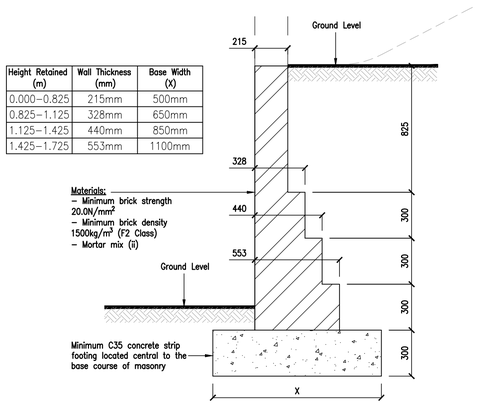
TYPICAL MASONRY MOVEMENT JOINT

Scale 1:20



TYPICAL RC MOVEMENT JOINT

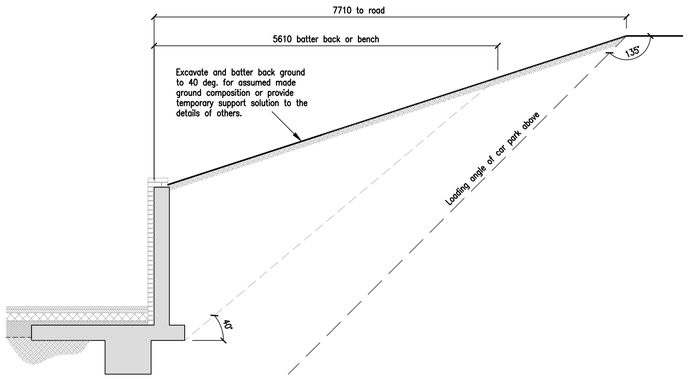
Scale 1:20



Height Retained (m)	Wall Thickness (mm)	Base Width (X)
0.000–0.825	215mm	500mm
0.825–1.125	328mm	650mm
1.125–1.425	440mm	850mm
1.425–1.725	553mm	1100mm

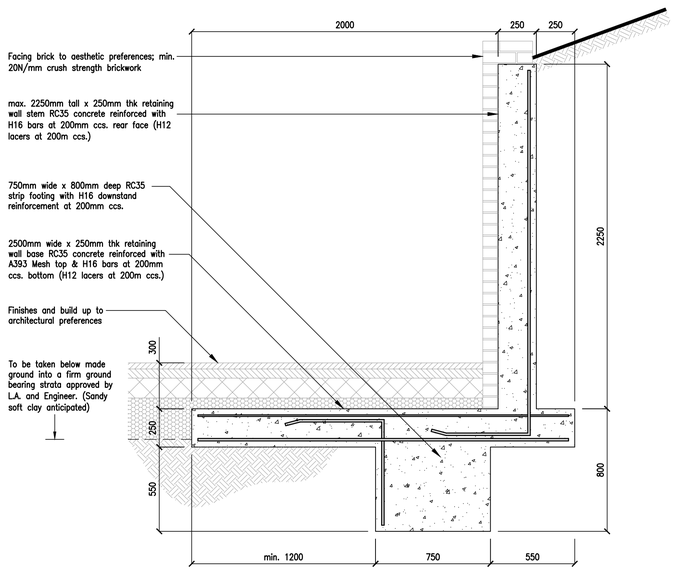
BRICK RETAINING WALL DETAIL

Scale 1:20



EXCAVATION SECTION

Scale 1:50



R.C. RETAINING WALL SECTION

Scale 1:50

GENERAL NOTES

1. DO NOT scale from this drawing. Refer to Architectural plans for proposed general arrangement – any significant layout discrepancies to be referred back to engineer.
2. This drawing to be read in conjunction with all other relevant Architectural drawings.
3. All dimensions and levels to be checked on site prior to fabrication.
4. All dimensions are in millimeters unless noted otherwise.
5. All materials and workmanship to be in accordance with relevant British Standards and manufacturers specifications and to be approved by Engineer.
6. For details of levels, setting out, damp proofing, fire & corrosion protection and finishes refer to Architects drawings.
7. The contractor is responsible for erection, maintenance and stability of all temporary supports.
8. Prior to commencing work the adequacy of the existing foundations and superstructure to be checked.
9. Where appropriate contractor to enter into a Party Wall Award.
10. Location & spacing of construction/control joints shown: 'MJ' on plan to be approved by the Architect.
11. Assumptions noted on drawing to be confirmed on site once existing structure has been uncovered.

REINFORCED CONCRETE NOTES

1. Concrete to be grade RC35 to BS 8110, 8500 & BS EN 206 made using ordinary Portland cement with a minimum content of 300kg/m³. Unless noted otherwise on this drawing.
2. All concrete should be fully compacted. All concrete surface shall be protected from any loading, freezing or disturbance for at least 7 days.
3. Contractor to provide results of tests to concrete cubes and concrete design mix
4. Cover to reinforcement to be min 40mm to all sides unless otherwise noted on this drawing.
5. All reinforcement to be Grade 500, type 2 deformed bar to BS4449 cut and bent in accordance with BS 8666 and the bending schedules.
   All reinforcement should be rigid supported in their correct position using approved tying wire spacers & chairs.
7. All exposed concrete to have a 20x20 chamfered corner finish.
8. All dirt, wood shavings & sawdust, leaves, loose tying wire and other foreign matter to be removed before concreting.
9. No reinforcement to be modified without written approval of the Engineer.

PRELIMINARY

REV	DATE	REVISION	DRW	CHK

STRUCTURAL ENGINEERS
01202 986 465
AW PARTNERSHIP LTD
Website: www.awpartnership.co.uk
Email: engineers@awpartnership.co.uk
Mobile: 07900996607

PROJECT
43-66 Runnymede Court,
West End,
Southampton.

TITLE
Proposed Ret. Wall Construction
Retaining Wall Plan
Structural Scheme Details

PROJECT No.	DRG No.	REV.
2024.442	20	A

SCALE	DATE	DRAWN	CHECKED
see drg	Aug. '24	DJR	MW

A1 SHEET