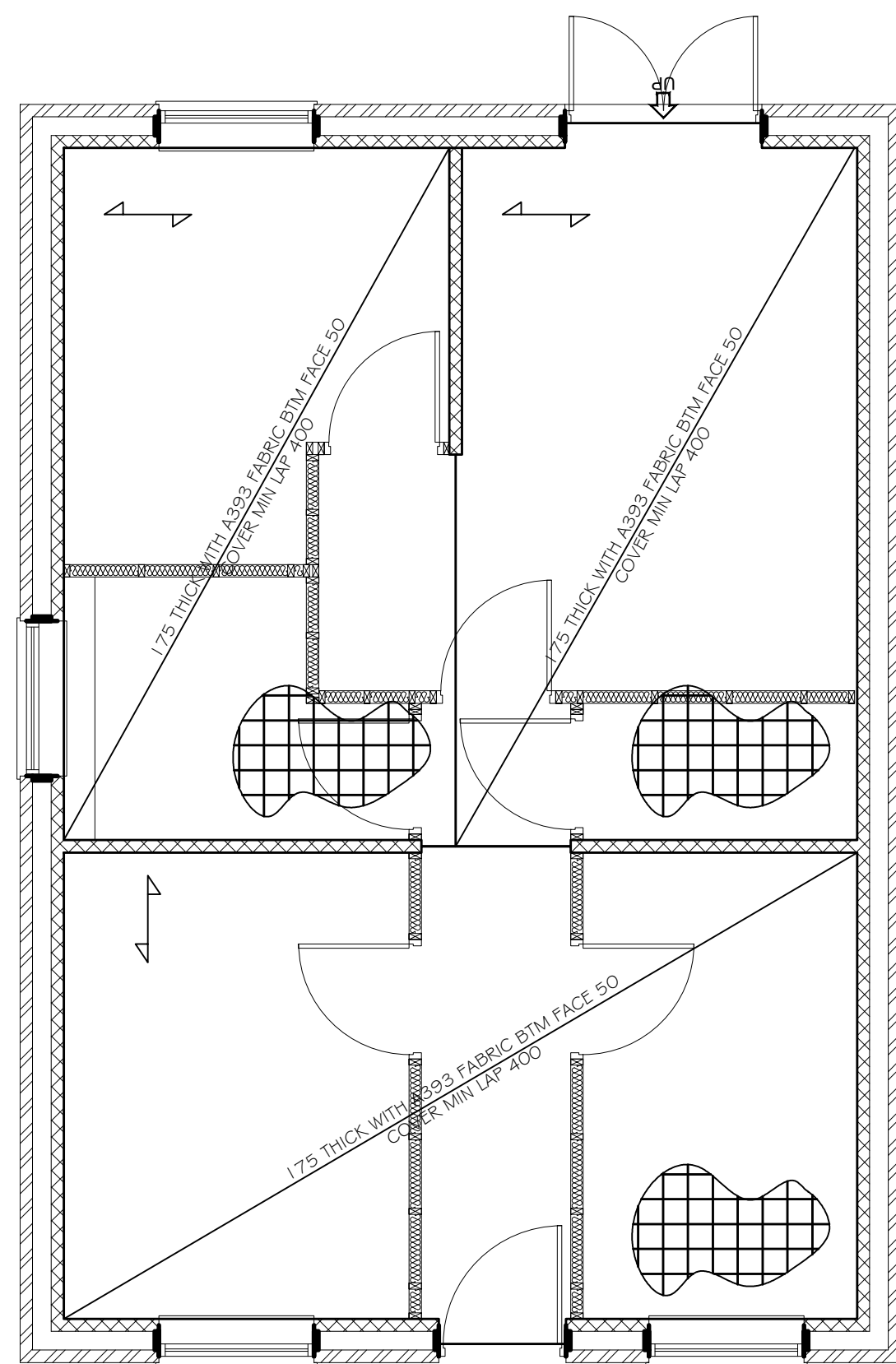
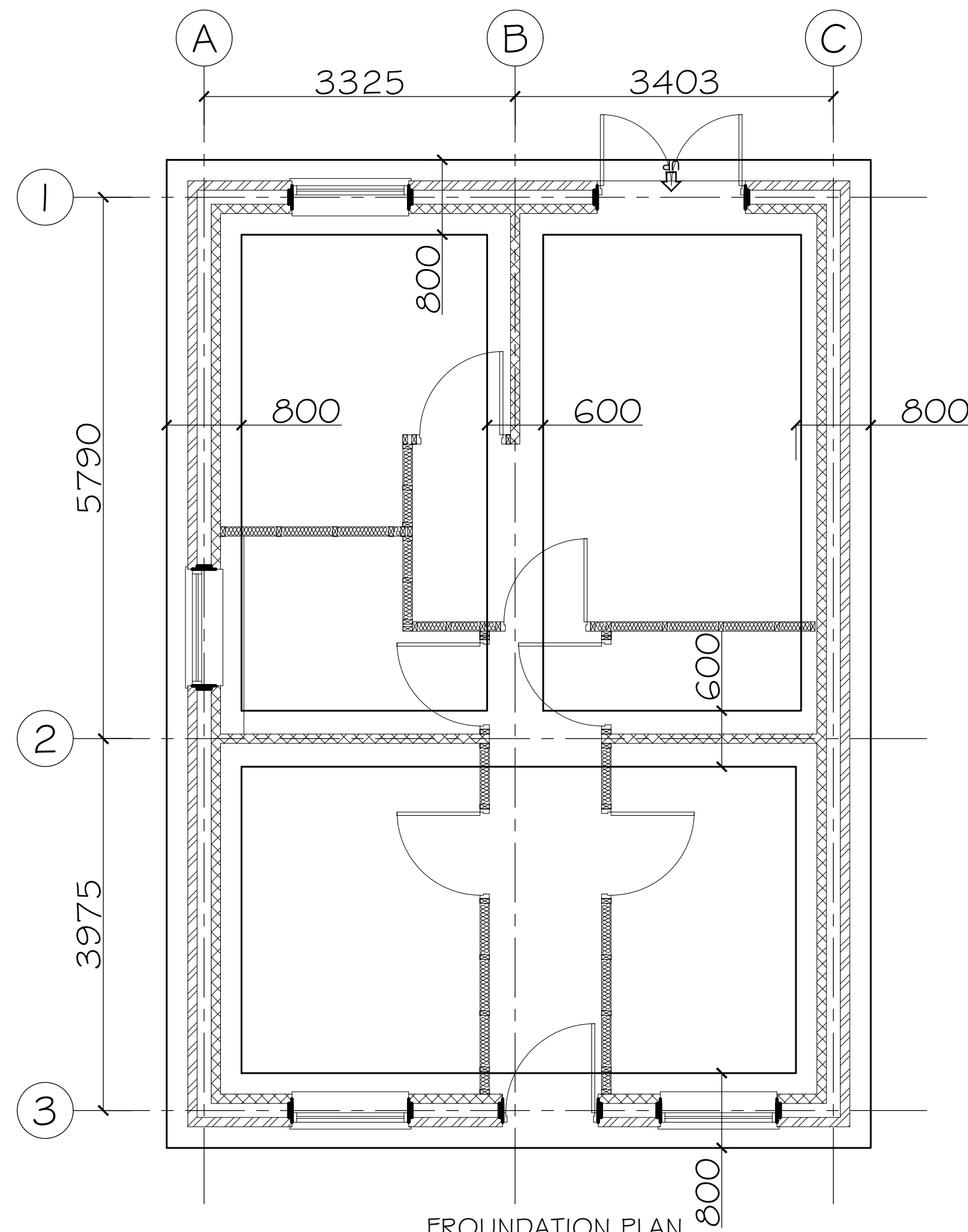
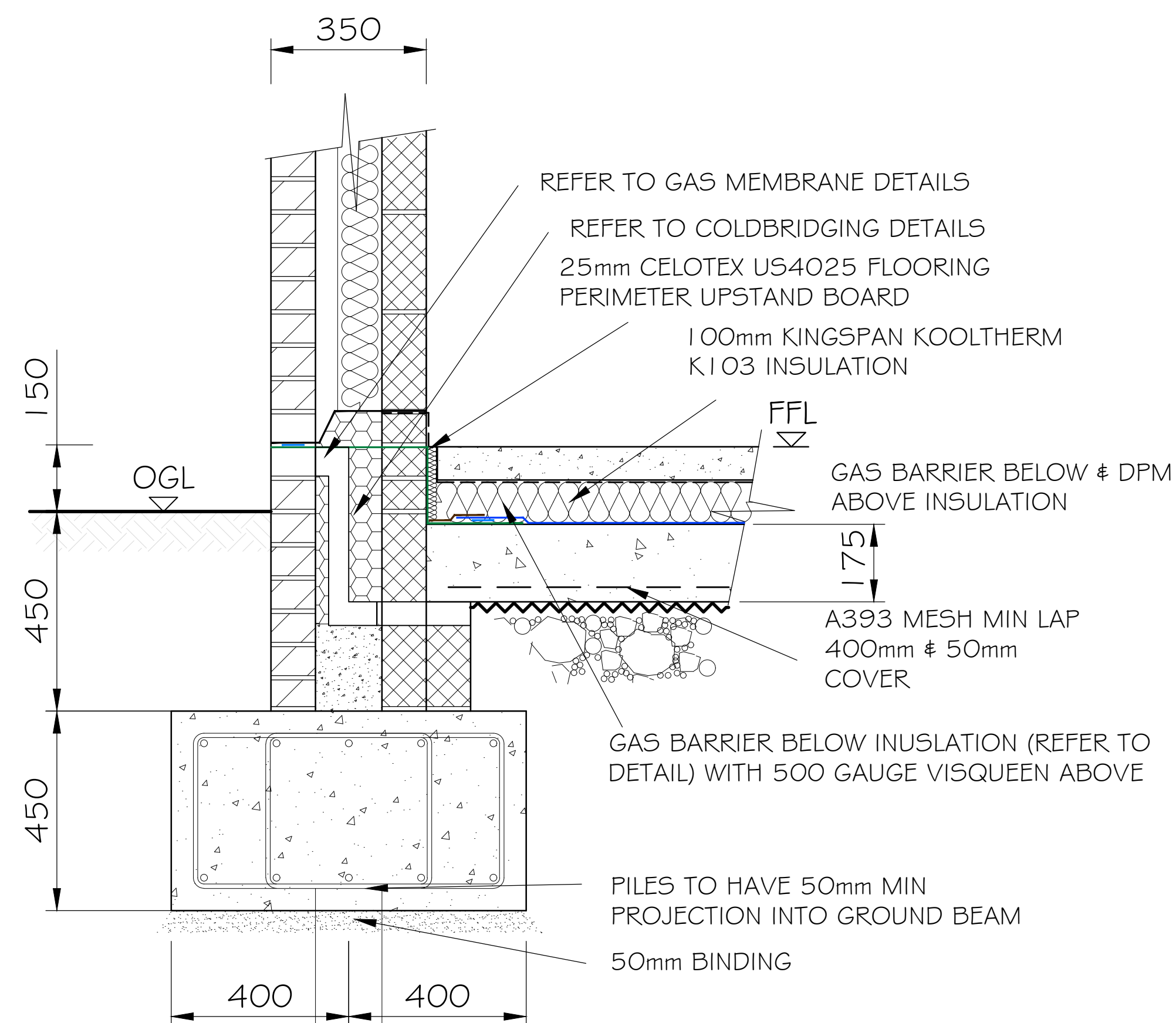




FLOOR SLAB PLAN

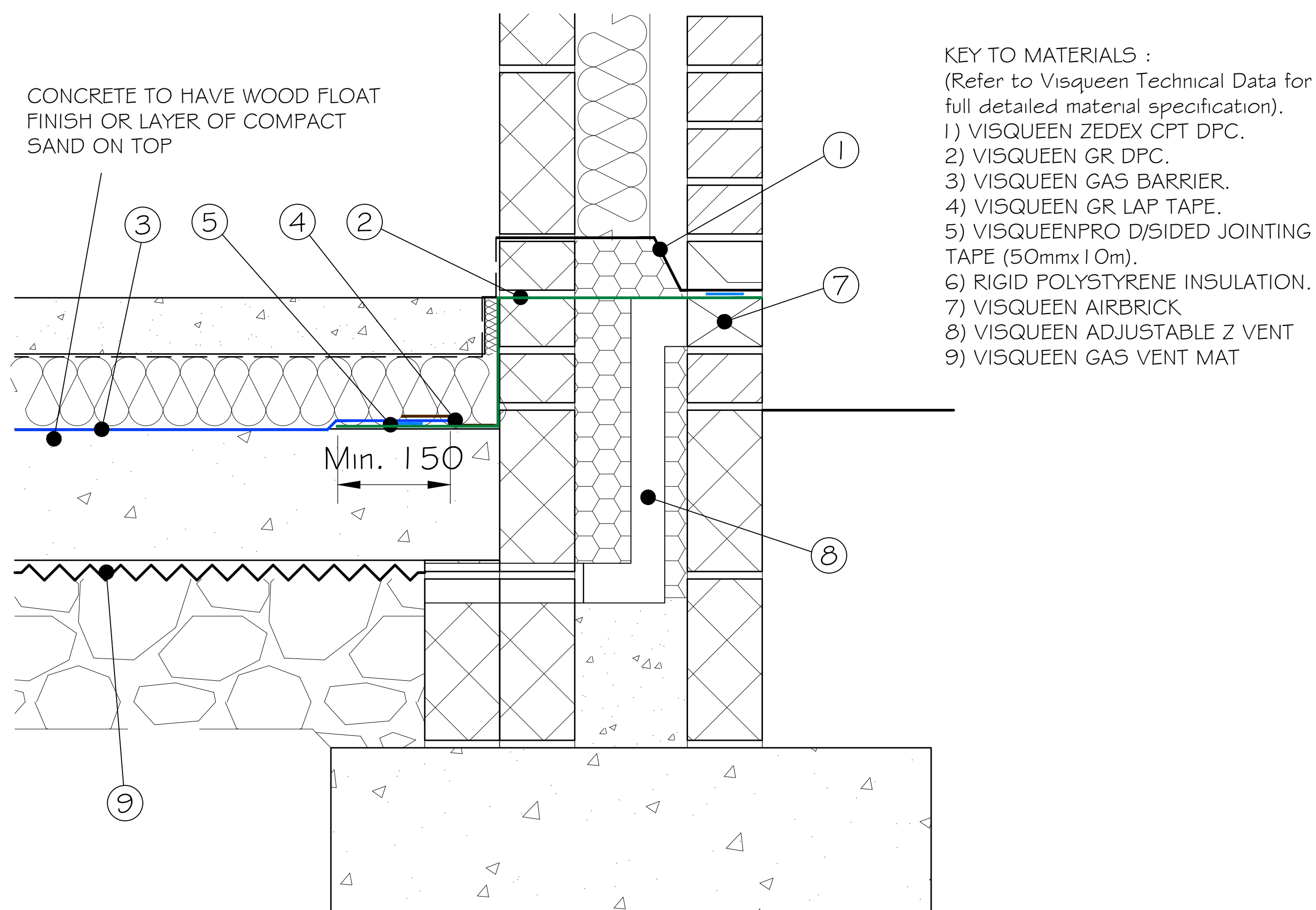


FOUNDATION PLAN



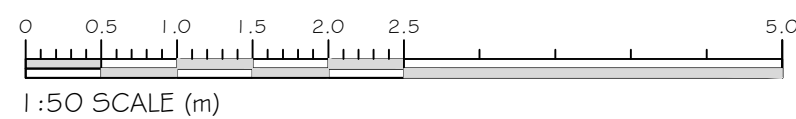
FOUNDATION DETAIL

(SCALE 1:10)



GAS MEMBRANE DETAIL

(SCALE 1:5)



- # NOTES
1. ALL DIMENSION ARE IN MILLIMETERS.
 2. DO NOT SCALE FROM THIS DRAWING.
 3. THIS DRAWINGS IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS & DOCUMENTS. THE USER SHOULD CONSULT THE DRAWING ISSUE REGISTER FOR DETAILS.
 4. THE CONTRACTOR IS TO BE RESPONSIBLE TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.
 5. THE ENGINEER/ARCHITECT SHOULD BE CONTACTED IMMEDIATELY IF THE ASSUMPTIONS USED IN THE DESIGN DIFFER TO THAT FOUND ON SITE.
-
- ## CONCRETE
1. The grade of concrete is to be C35 as specified in B55:4439, nominal Agg size 20mm, with w/c ratio of 0.60 and minimum cement content to be 300 Kg/m³.
 2. All reinforcement to be high yield conforming to BS 4449, fy=460N/mm².
 3. Cover to reinforcement to be 50mm.
 4. Lap length of bars to be 40x diameter, minimum length to be 300mm.
 5. Details to be designed as shown in the standard details and deboned using Rexcell and multi-spl.
 6. All concrete to be spray cured.
 7. Finish to be class U4 as per DTP Specification for Highways.
 8. All works to be in accordance with BS 8110.
 9. Concrete to be cured in accordance with BS 8110 Cl. 6.2.3
 10. Formwork to be designed, prepared and struck in accordance with BS 8110 Pt1:1997 Cl.6.2.6
 11. Reinforcement to be in accordance with Cl.7.1.7.5, system of marking to be as follows:

T	20	12	150	TF
No	Type	Dia	BarMark	Spacing
				Layer
 12. Binding to be C15A 50mm thick to U/5 of all ground bearing structures.

- ### FOUNDATIONS
1. All foundations are to be taken down to a suitable bearing strata as stipulated by the Engineer; to be taken as 75kN/m² S.G.D.P as, i.e firm to stiff Boulder clay; similar; to verified on site by the Contractor to the satisfaction of the L.A. Building Inspector. All foundations are to conform to the Building Regulations Approved Document A1/2 Part E.
 2. All excavation is to be designed and approved by the Engineer and L.A. inspector prior to backfilling.
 3. All excavations are to be straight side, to at least the dimensions as shown on the drawing, free of standing water and loose material. Site traffic on the formation surface shall not be permitted.
 4. Standard strip foundations are to be 450mm below ground level, with cross-sectional dimensions 800mm x 300mm min. Concrete is to be C20 as per BS5262.
 5. Brickwork below the DPC is to be clay masonry with a lean mix concrete cavity fill to ground level. The DPC to be reinforced PVC or lead/Asphalt as supplied by Perimute (class D), to be minimum of 150mm above ground level.
 6. Ground floor slabs to be 150mm thick with A939 mesh in top face, with a minimum of 150mm concrete laid on 250mm well compacted hardcore.
 7. Insulation to be 100mm Kingspan K103 or similar approved (to achieve $u=0.17\text{W/m}^2\text{K}$) between 2 layers of 1200 gauge visqueen DPM, 75mm sand and cement screed laid on top.
 8. Where a trench trial has been excavated to establish depth of existing sub to be checked by engineer / building control officer for adequacy before works commence.

A	Structural Amendments	21/03/25	JG
Rev.	Amendments	Date	By



PROJECT ADDRESS
LAND AT BILBERRY CLOSE AND ALBERT
ROAD, WHITEFIELD, M45 8BL

PROJECT TITLE
RESIDENTIAL DEVELOPMENT

DRAWING TITLE

HOUSE TYPE 02
PROPOSED FOUNDATION AND FLOOR SLAB PLANS

Client:	THOMPSONS	Scales @A1 1:50/10@A1
---------	-----------	--------------------------

Drawn By. JG	Checked By. DWH	Date 06/02/25
-----------------	--------------------	------------------

DRAWING No.	Revision
A025/005/BR/204	A

This drawing & contents are the property of Keystone Design Assoc Ltd
unauthorized reproduction of the whole or any part there of infringes
copyright and may lead to prosecution of civil proceedings