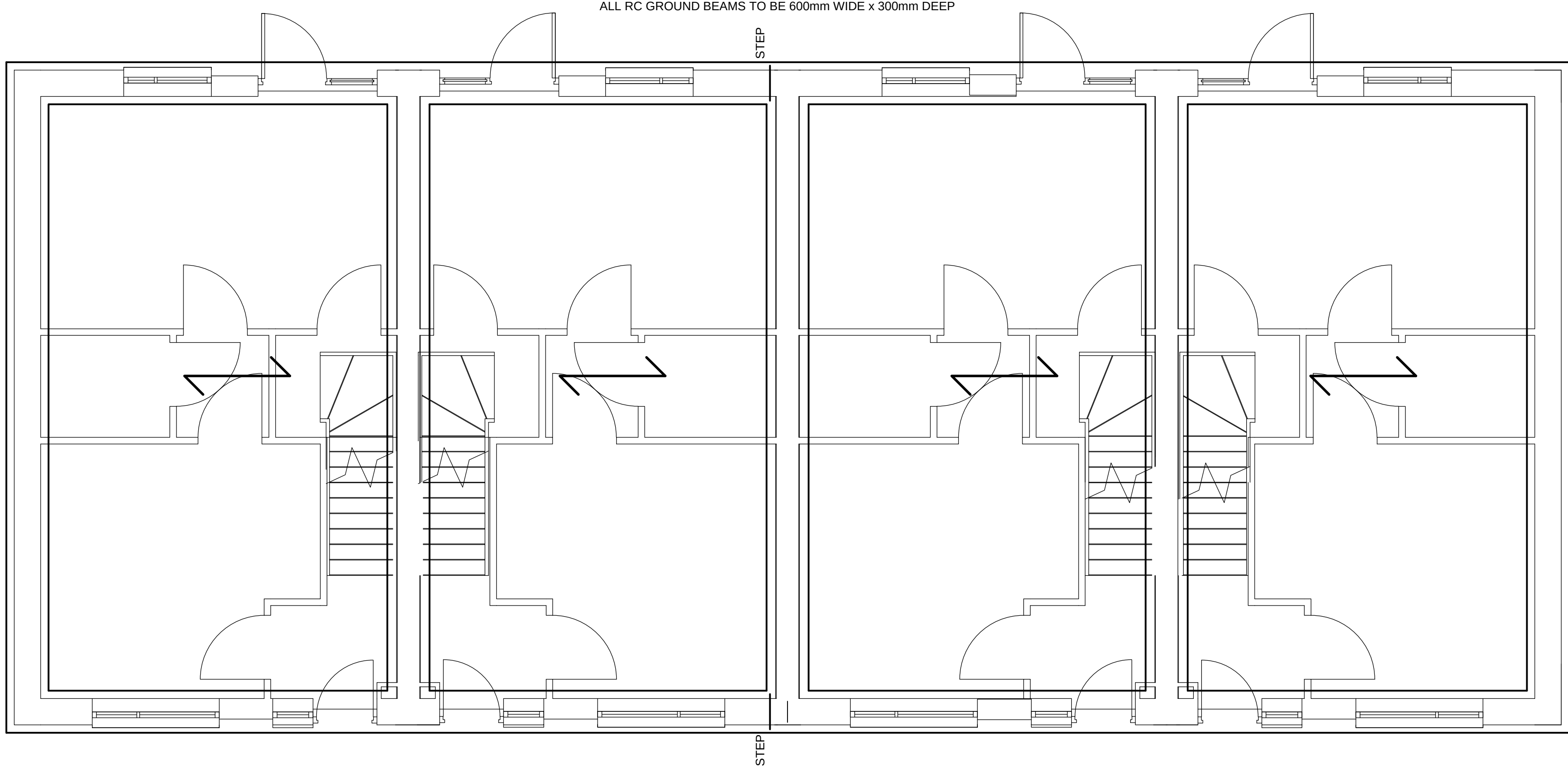
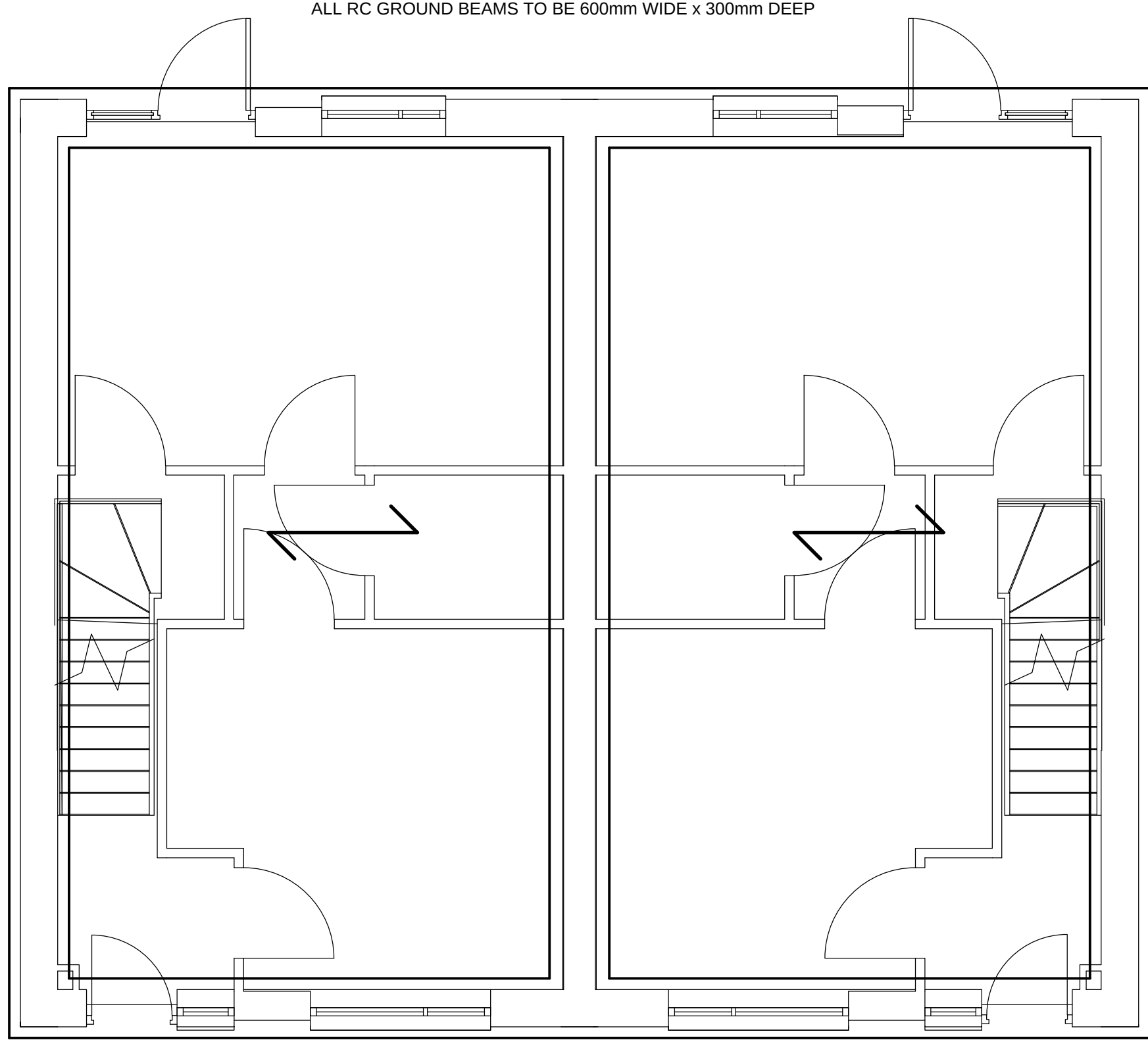


DUE TO INSTABILITY OF GROUND TEMPORARY SUPPORT MAY BE REQUIRED IN EXCAVATING TO FORM FOOTING TO THE ELEVATION ADJACENT TO 70 VICTORIA AVENUE. REFER TO DRAWING SK101.



BLOCK 1



BLOCK 4

MASONRY SPECIFICATION

EXTERNAL WALLS

102.5mm BRICK (30N, CLASS M4(iii) MORTAR)
125mm CAVITY
100mm BLOCK (7.3N, CLASS M4(iii) MORTAR)

PARTY WALL

100mm BLOCK (7.3N, CLASS M4(iii) MORTAR)
75mm CAVITY
100mm BLOCK (7.3N, CLASS M4(iii) MORTAR)

NB. ALL PLANS ARE FOUNDATION PLANS SHOWING GROUND FLOOR SPANS OVER

- 1) SUB-STRUCTURE BLOCKWORK TO BE A MIN. 4N STRENGTH
- 2) BELOW DPC MORTAR DESIGNATION M6
- 3) ABOVE DPC MORTAR DESIGNATION M4
- 4) CONFIRM DPC TYPE & POSITION WITH ARCHITECT
- 5) GAS MEMBRANE REQUIRED
- 6) 2No. SUB-FLOOR VENTS PER ELEVATION
- 7) CONCRETE TO FOUNDATIONS TO MEET DS2/AC2 CLASS REQUIREMENTS

GAS MEMBRANE

A GAS MEMBRANE IS REQUIRED TO MITIGATE THE FOLLOWING FLOWS & CONCENTRATIONS:
RADON NO
METHANE NO
CARBON DIOXIDE CS2

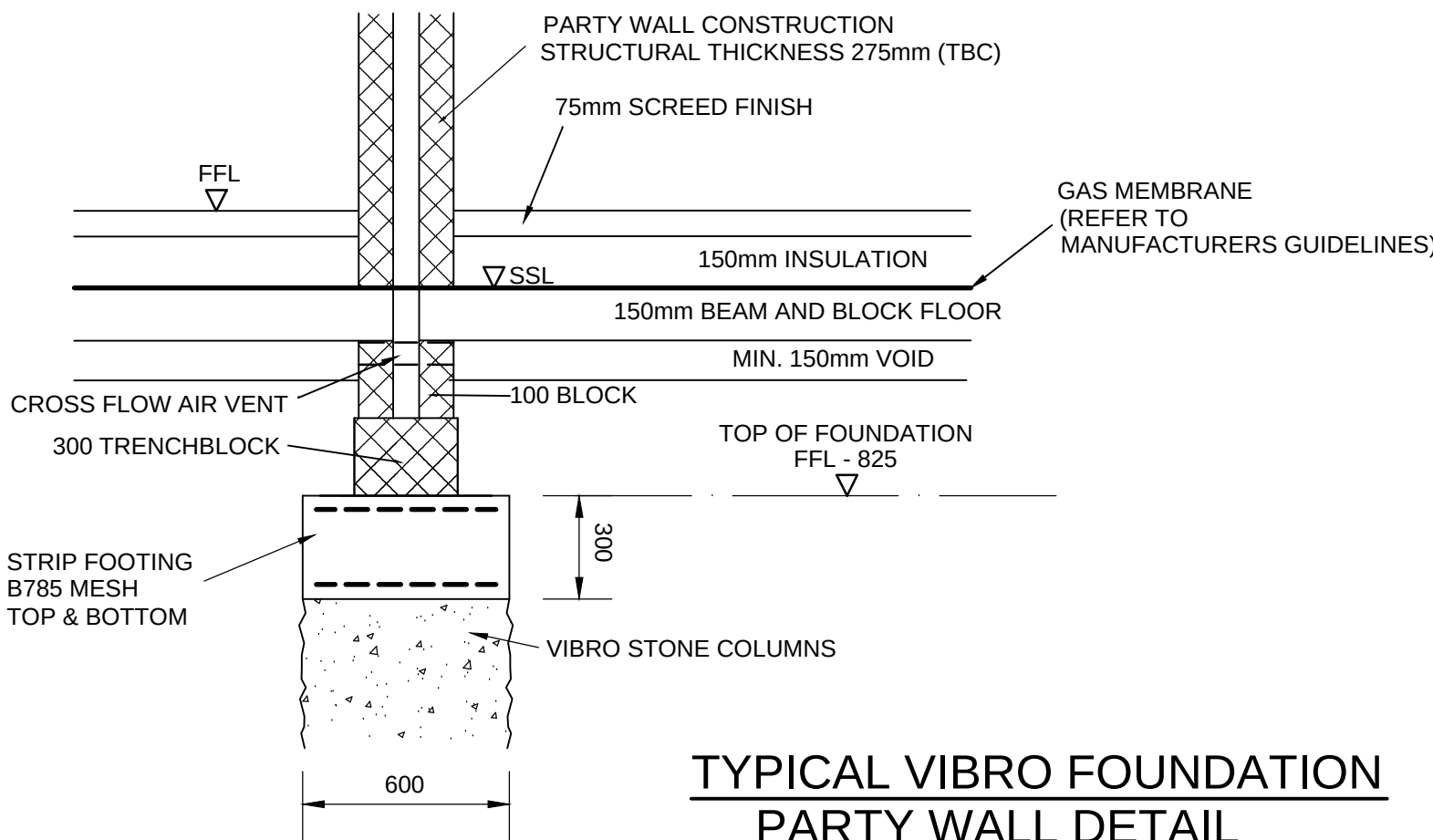
BEAM AND BLOCK FLOOR DESIGN LOADINGS

SUPERIMPOSED:
DOMESTIC 1.5kN/m²
PARTITIONS 1.0kN/m²

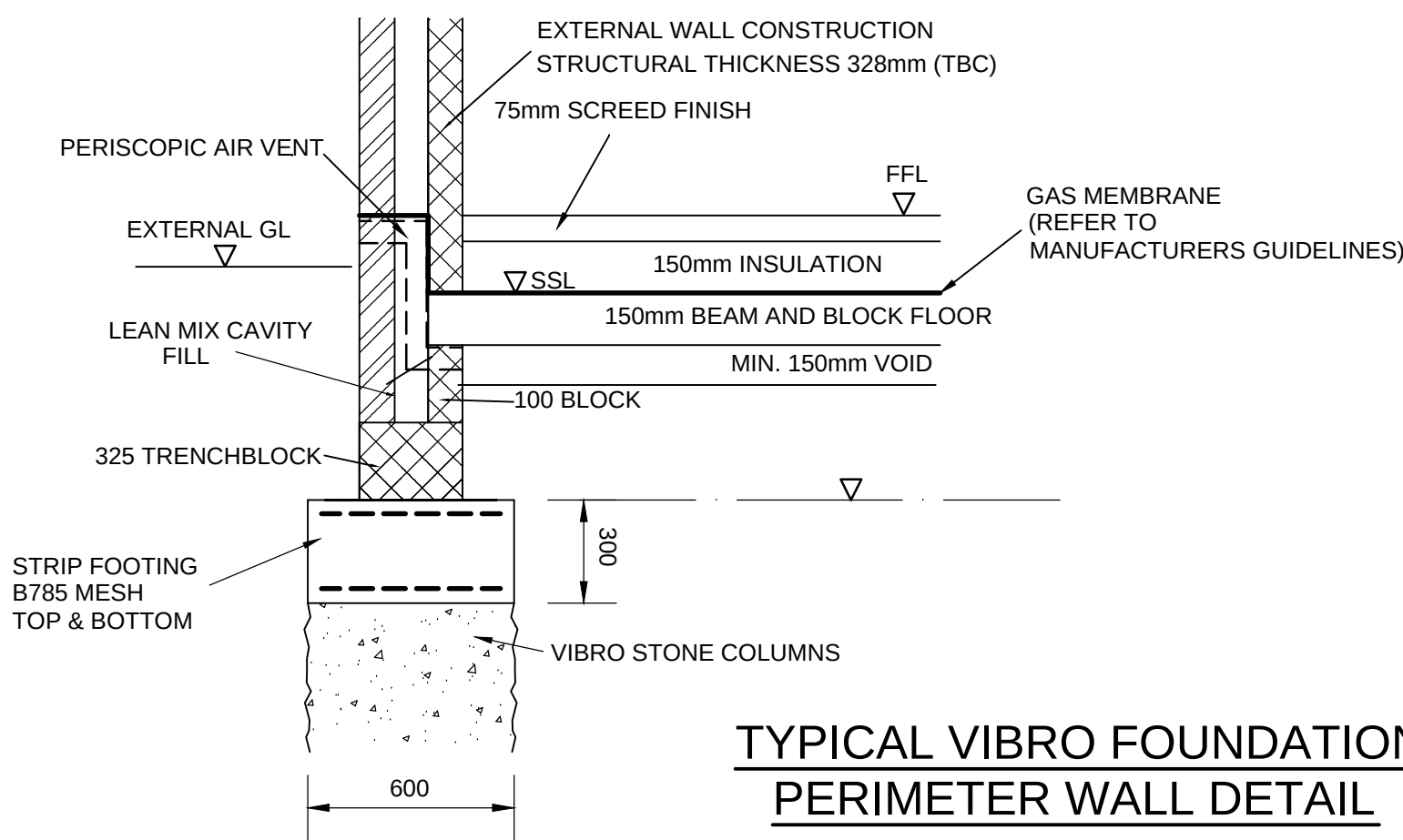
FOUNDATIONS BASED ON A SAFE BEARING CAPACITY OF 150 kN/M²

1. CONCRETE FOR FOUNDATIONS TO BE DESIGNATED MIX C32/40

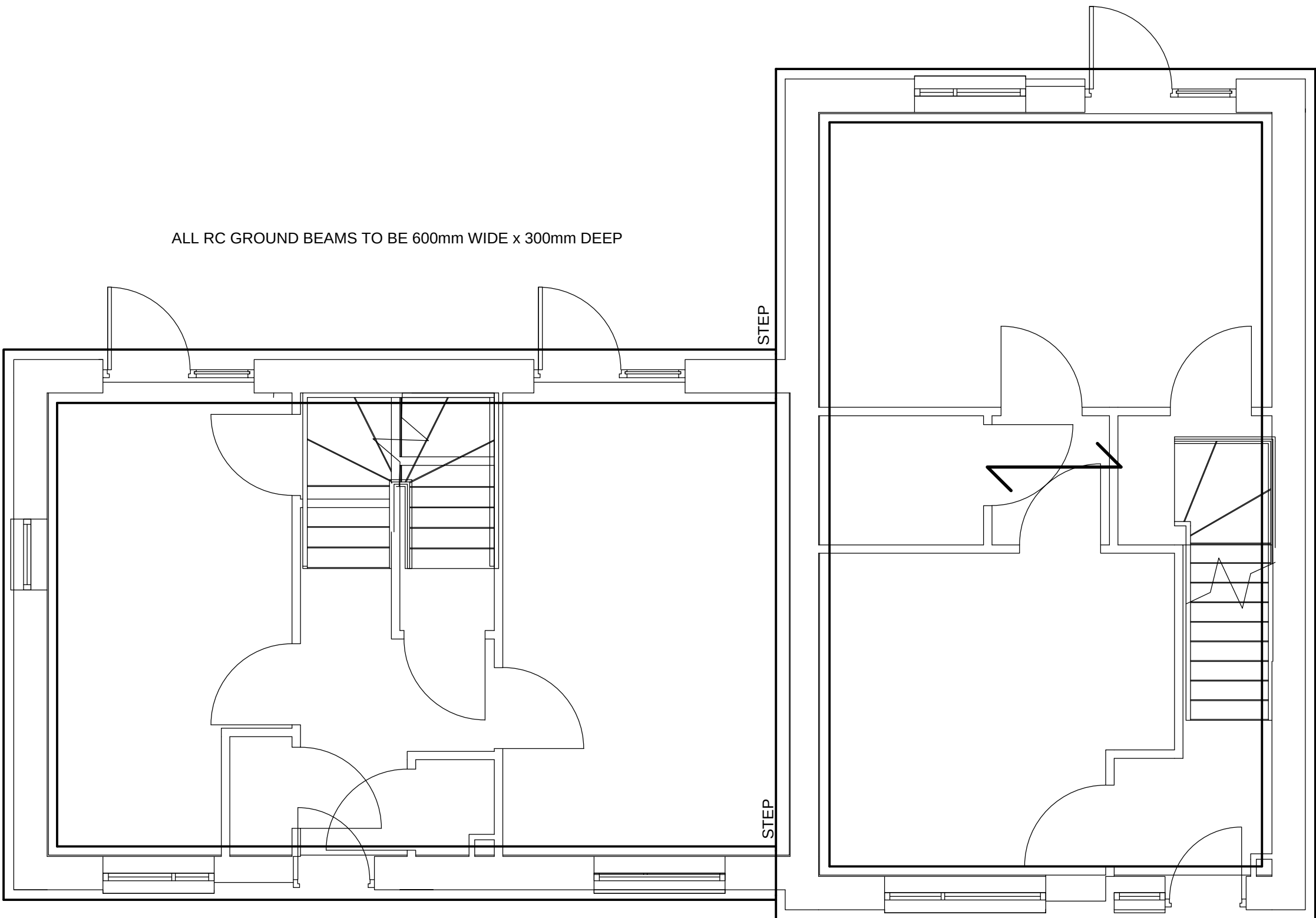
INDICATES SPAN DIRECTION OF GROUND FLOOR
150mm THICK BEAM & BLOCK FLOOR &
TIMBER FLOOR JOIST SPAN AT FIRST FLOOR



TYPICAL VIBRO FOUNDATION PARTY WALL DETAIL



TYPICAL VIBRO FOUNDATION PERIMETER WALL DETAIL



BLOCK 3 - AS DRAWN
BLOCK 6 - OPP. HAND(STEP TO PLOTS)

CLIENT

GREAT PLACES
HOUSING GROUP

Carley
Daines and
Partners Limited

Consulting Civil and Structural Engineers

11 Bridgewater Road Walkden
Worsley Manchester M28 3JE
Tel 0161 799 2720 Fax 0161 790 3474
E-mail mail@carleydaines.co.uk

TITLE

CHAIN ROAD
BLACKLEY

FOUNDATION PLAN
TO HOUSES
VIBRO SOLUTION

Drawn	M.HOLE	Checked
Date	SEPTEMBER 2021	Date
Scale	1:50 1:20	
Drawing No.	21.B.12851/303	