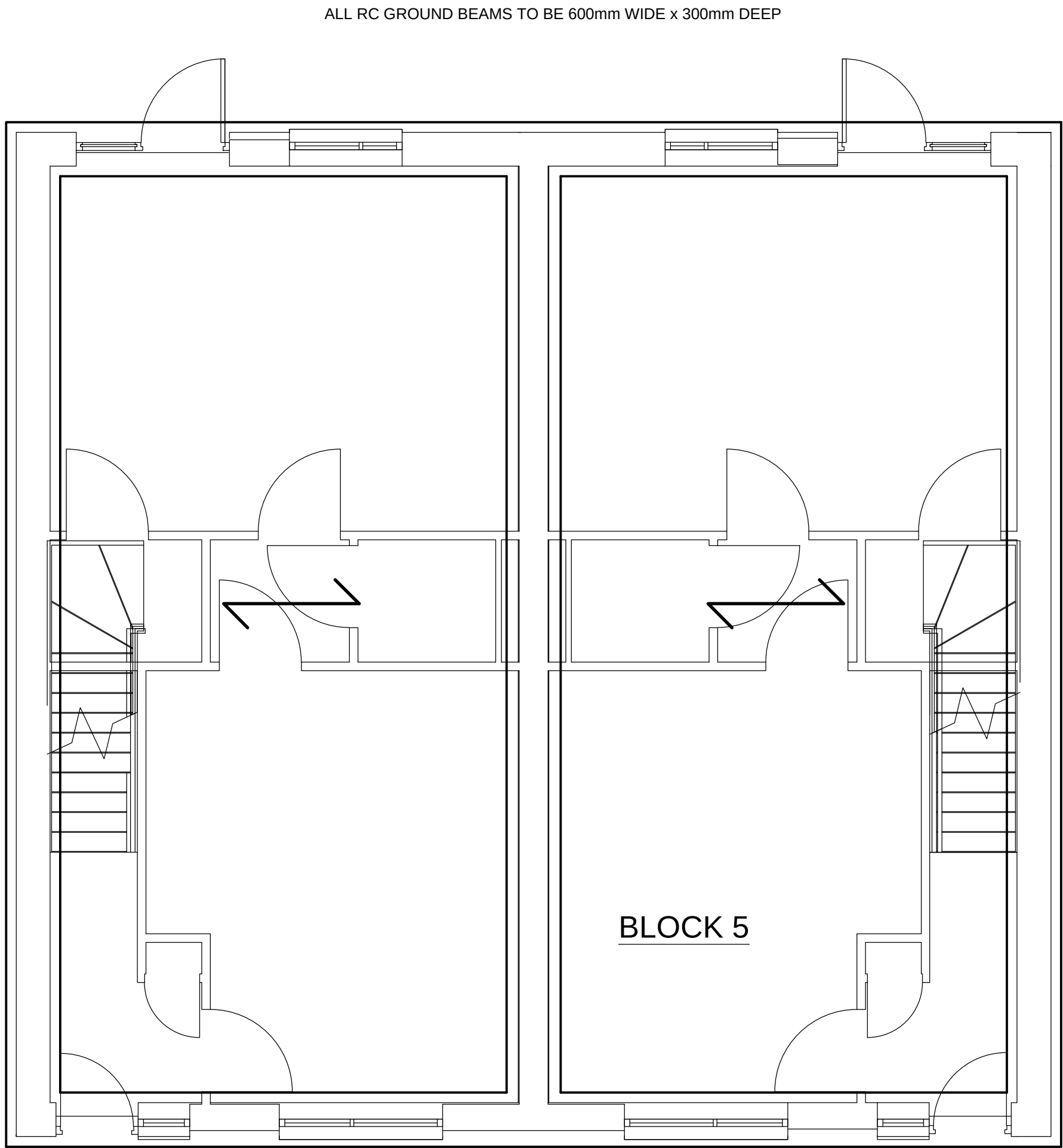




BLOCK 5

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

**BEAM AND BLOCK FLOOR
DESIGN LOADINGS**

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

- 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

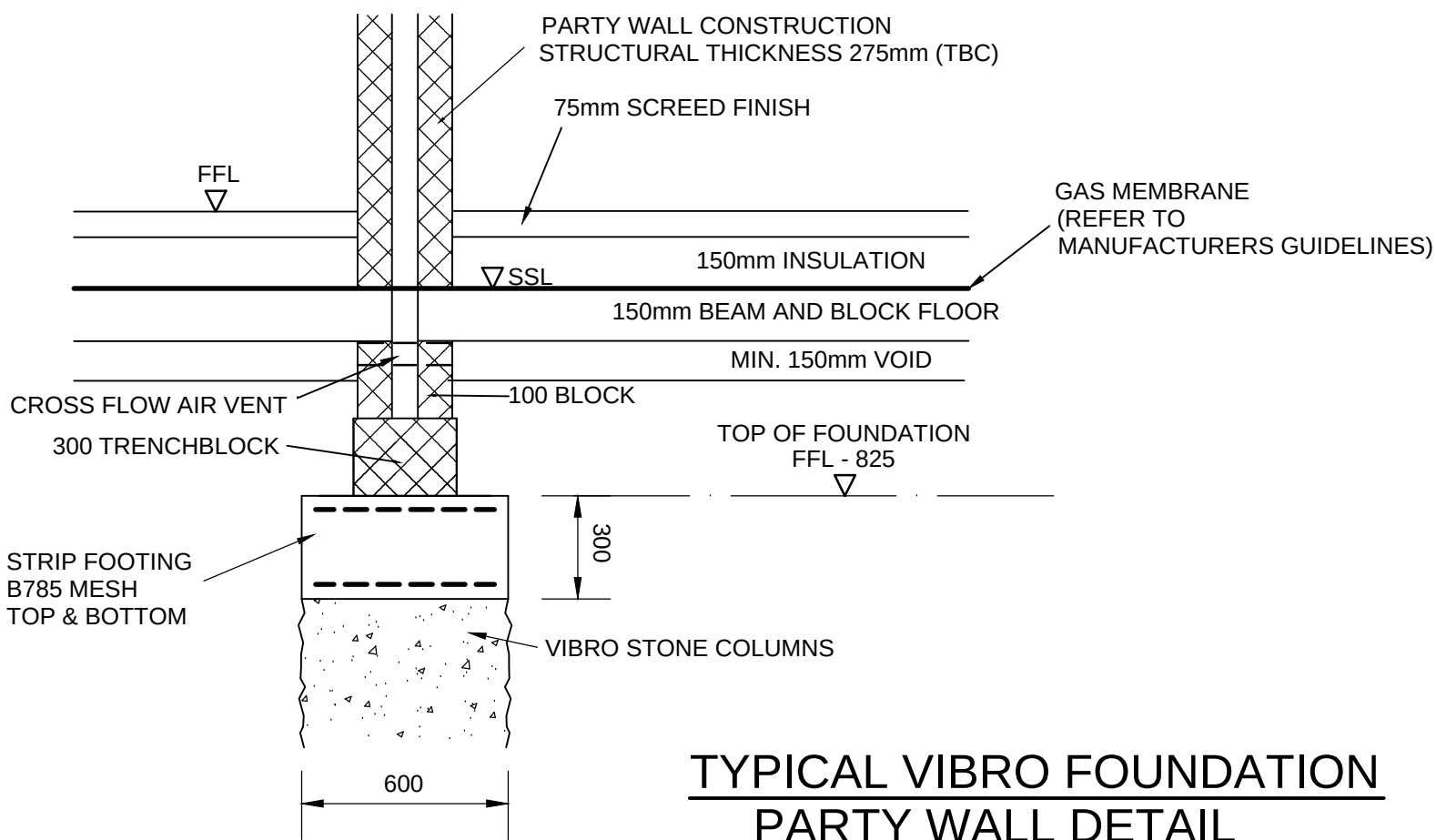
A GAS MEMBRANE IS REQUIRED TO MITIGATE THE FOLLOWING FLOWS & CONCENTRATIONS:

RADON	NO
METHANE	NO
CARBON DIOXIDE	CS2

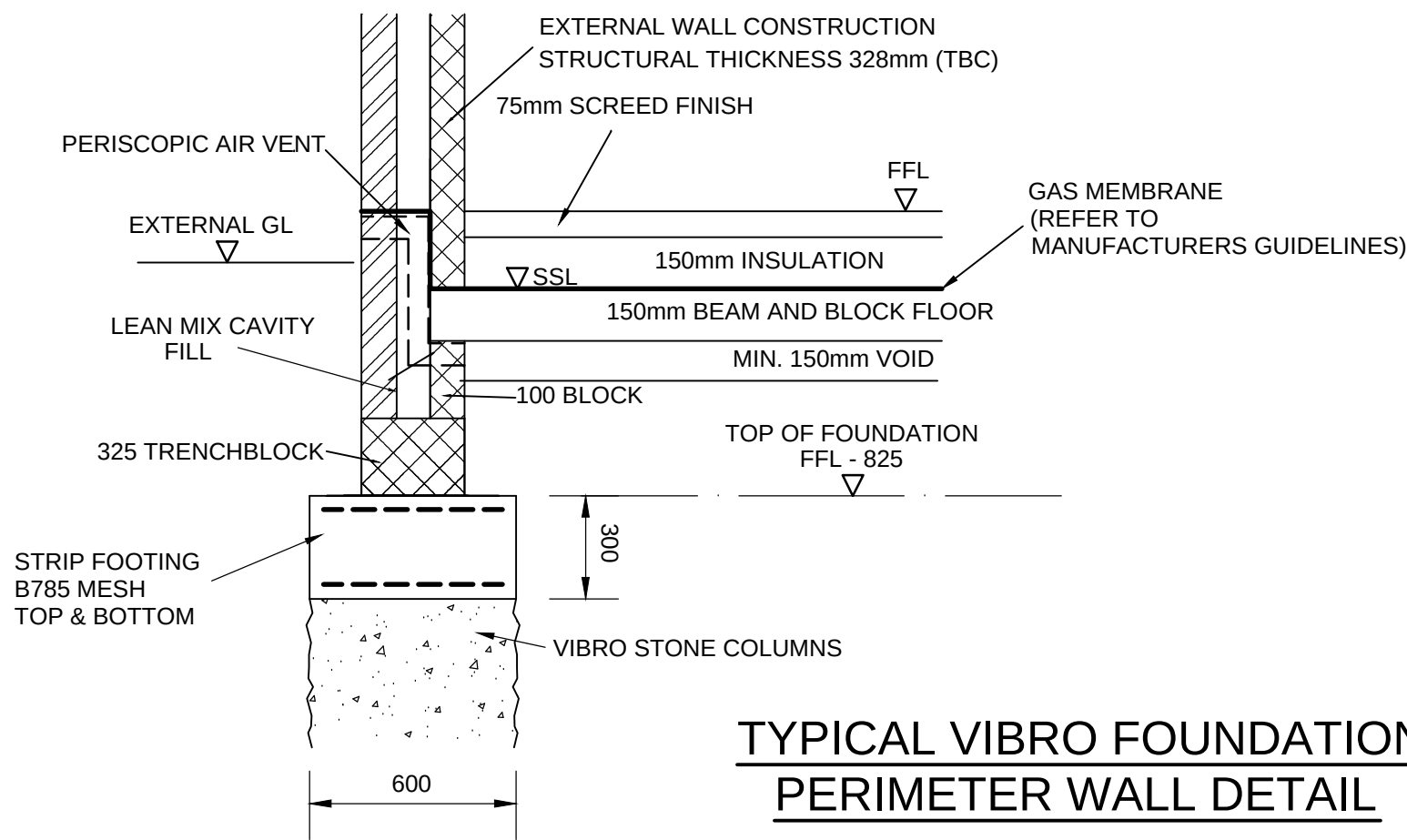
FOUNDATIONS BASED ON A SAFE
BEARING CAPACITY OF 150 KN/M²

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

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.12851/304	