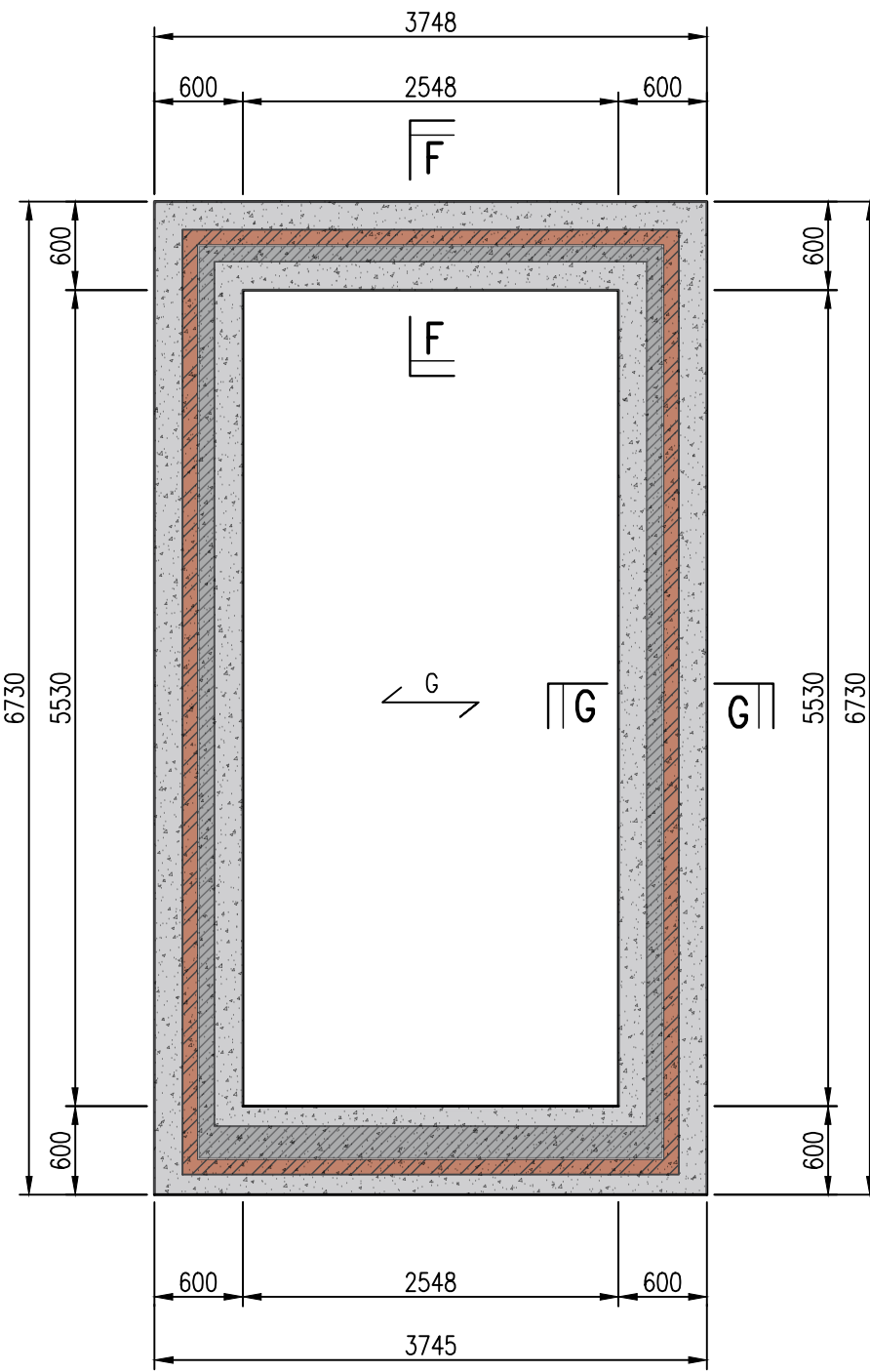
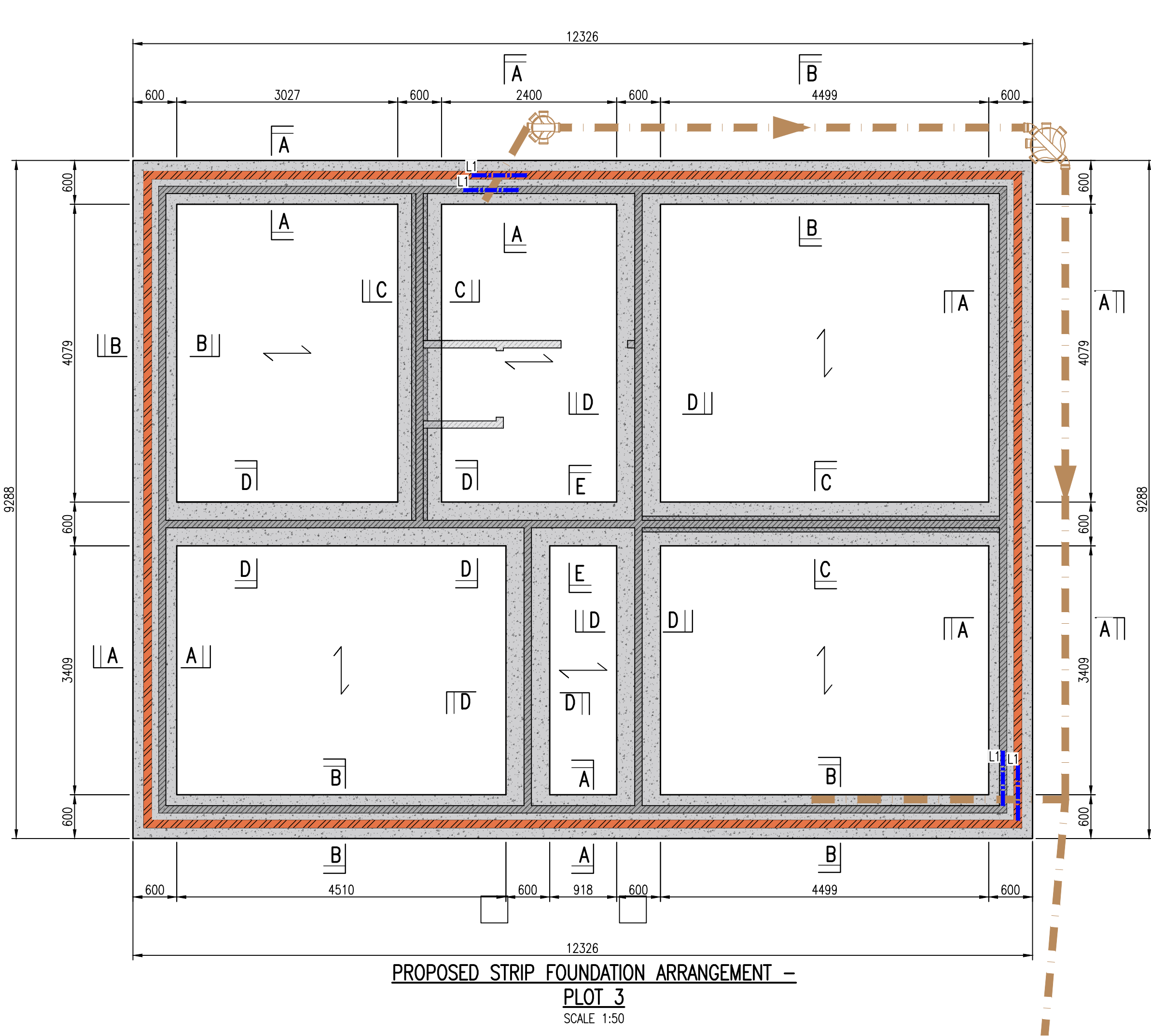




- KEY:
- DENOTES OUTER LEAF MASONRY
  - DENOTES INNER LEAF MASONRY
  - DENOTES NON LOAD BEARING BLOCK
  - DENOTES STUDWORK WALLS
  - DENOTES 215 THK. SLEEPER WALL
  - STRESSLINE 100 WIDE x 65 DEEP CONCRETE LINTEL
  - DENOTES PROPOSED FW SEWER
  - DENOTES SPAN OF GROUND FLOOR BEAM & BLOCK FLOORING
  - DENOTES SPAN OF GARAGE BEAM & BLOCK FLOORING
- LOADINGS:  
BEAM & BLOCK - S/W BY MANUFACTURER  
IMPOSED - 1.5kN/m<sup>2</sup>  
BLOCKWORK PARTITIONS - 5.0 kN/m LINE LOAD  
FINISHES - 1.80kN/m<sup>2</sup>
- GARAGE LOADINGS:  
BEAM & BLOCK - S/W BY MANUFACTURER  
IMPOSED - 2.50kN/m<sup>2</sup>  
GARAGE FINISHES - 2.50kN/m<sup>2</sup>

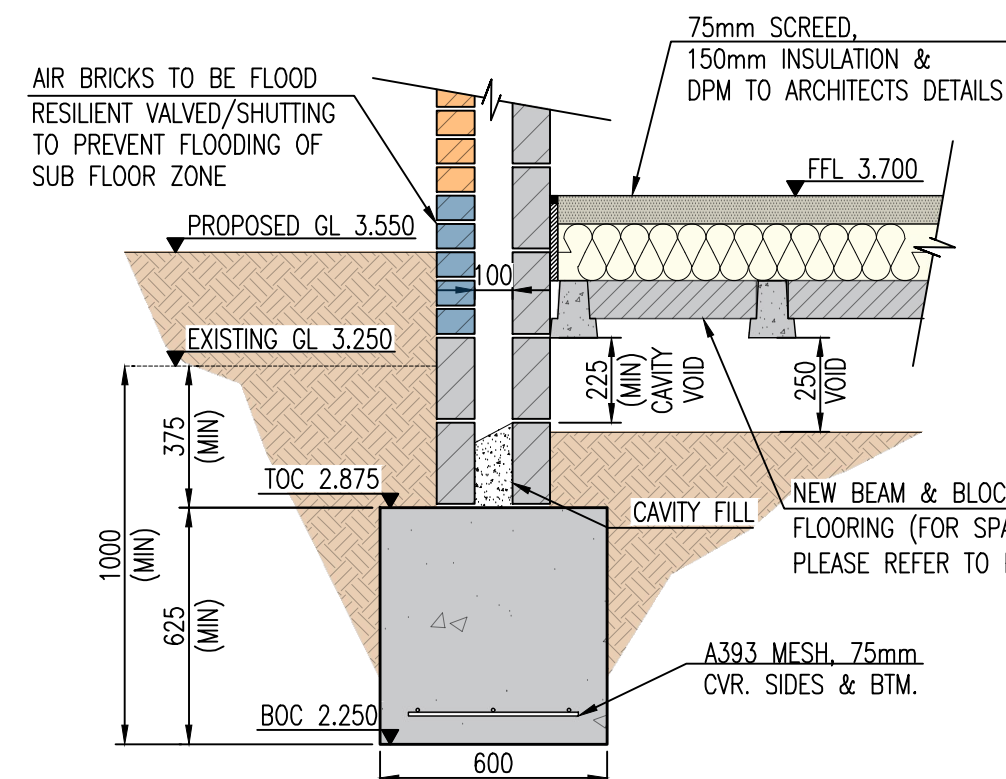
PLEASE REFER TO ARCHITECTS DRAWINGS FOR  
CONFIRMATION OF ALL WALL/SETTING OUT  
DIMENSIONS PRIOR TO COMMENCING OF WORKS

THIS DRAWING MUST BE READ IN CONJUNCTION  
WITH ALL RELEVANT DRAWINGS & STRUCTURAL  
CALCULATIONS

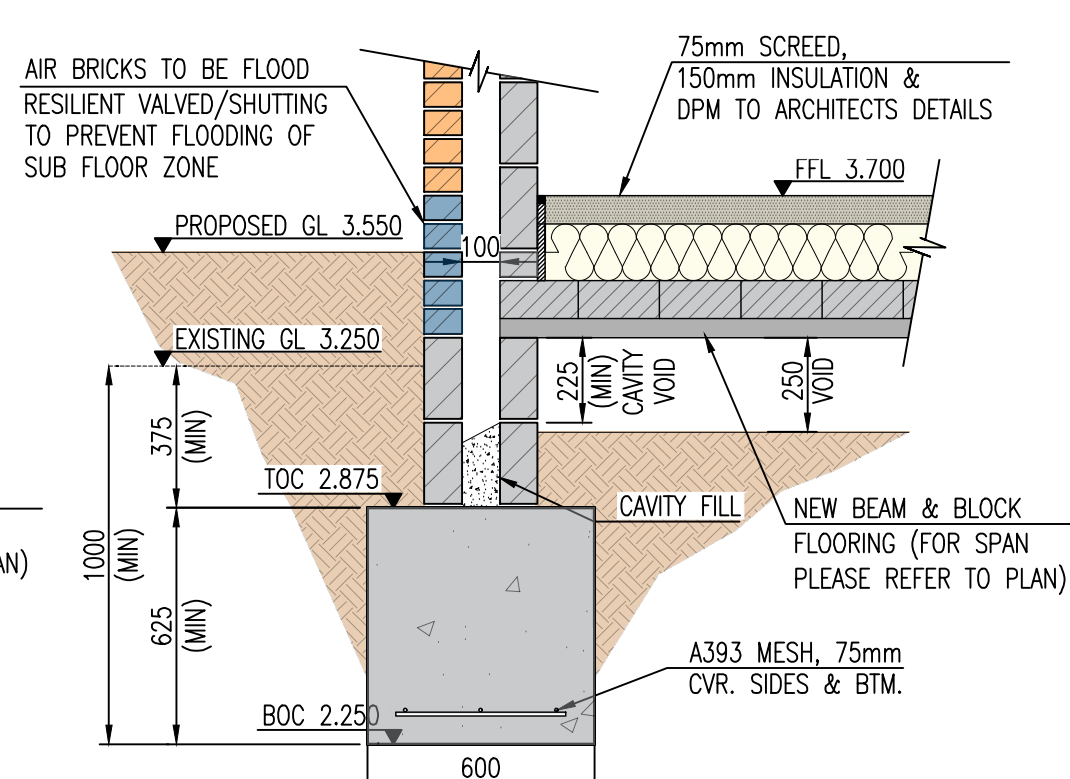
FOUNDATION SPECIFICATION

- ALL STRIP/BASE FOUNDATIONS ARE TO BE PLACED WITHIN UNDISTURBED NATURAL STRATA AT A DEPTH TO BE AGREED WITH THE BUILDING INSPECTOR.
- IT IS THE CONTRACTORS RESPONSIBILITY TO REPORT ANY CONDITION FOUND ON SITE DURING EXCAVATION WHICH, IN ANY WAY, MAY AFFECT THE PRESENT DESIGN (SUCH AS DUBIOUS GROUND, EXISTING FOUNDATIONS, DRAINS, TREES, PITS AND SHAFTS, ETC.)
- CONCRETE TO BE BS-1, DC-1, AGEC-1 TO BS 8500.
- A 50mm BLINDING LAYER OF LEAN MIX CONCRETE SHOULD BE PLACED INTO THE BOTTOM OF FOUNDATION EXCAVATIONS AS SOON AS IS PRACTICAL. SHOULD SURFACE/GROUND WATER ENTER THE EXCAVATIONS PRIOR TO BLINDING WITH CONCRETE, THE BOTTOMS ARE TO BE REFORMED TO THE SATISFACTION OF THE ENGINEER.
- REINFORCED CONCRETE FOUNDATIONS TO BE MINIMUM GRADE C28/35 WITH A MINIMUM O.P.C. CONTENT OF 300 Kg/m<sup>3</sup> AND A WATER CEMENT RATIO OF 0.6
- REINFORCING BARS (GRADE 500B), AND MESH FABRIC TO BE HIGH YIELD BAR IN ACCORDANCE WITH BS 4461 AND BS 4483 RESPECTIVELY.
- MINIMUM LAP TO REINFORCING BARS TO BE 40 TIMES BAR DIA.
- MINIMUM LAP TO MESH FABRIC TO BE 350mm.
- ALL REINFORCED CONCRETE TO BE COMPACTED USING AN IMMERSION VIBRATOR TO EXPELL TRAPPED AIR AND FORM A CONSISTENT DENSE MATERIAL.
- NO CONCRETE TO BE POURED IF AMBIENT TEMPERATURE IS LESS THAN 5 DEGREES CENTIGRADE.

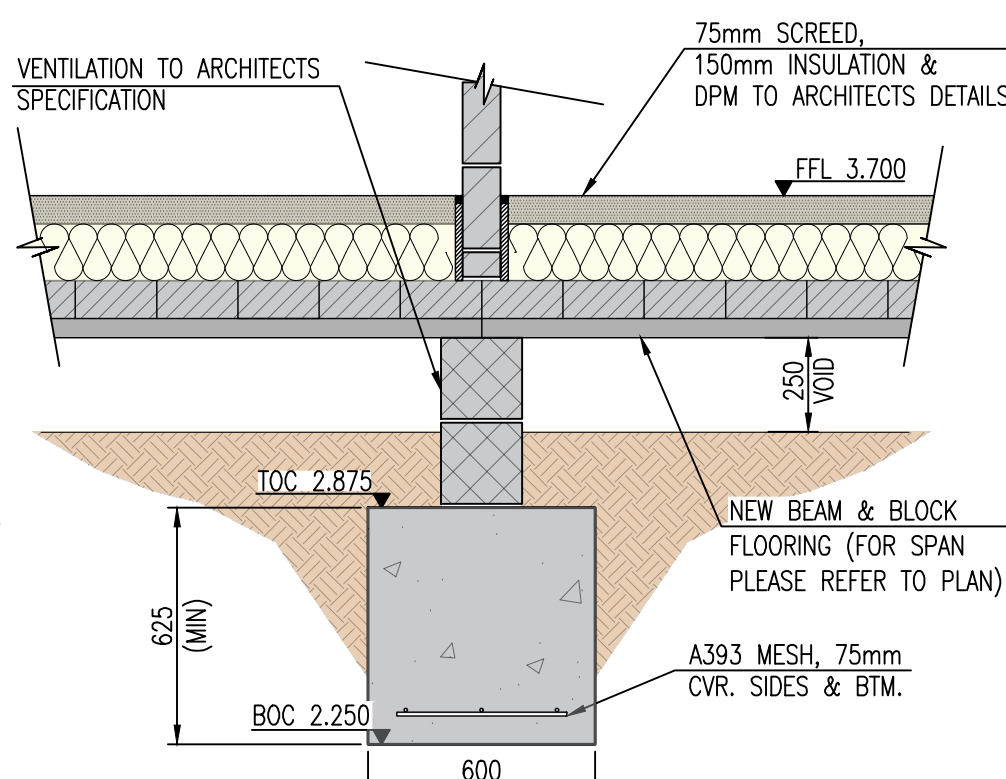
ALL BELOW DPC BLOCKWORK TO BE  
7N/mm<sup>2</sup> MASONRY OR LOW ABSORPTION  
3.6 N/mm<sup>2</sup> TRENCH BLOCKS



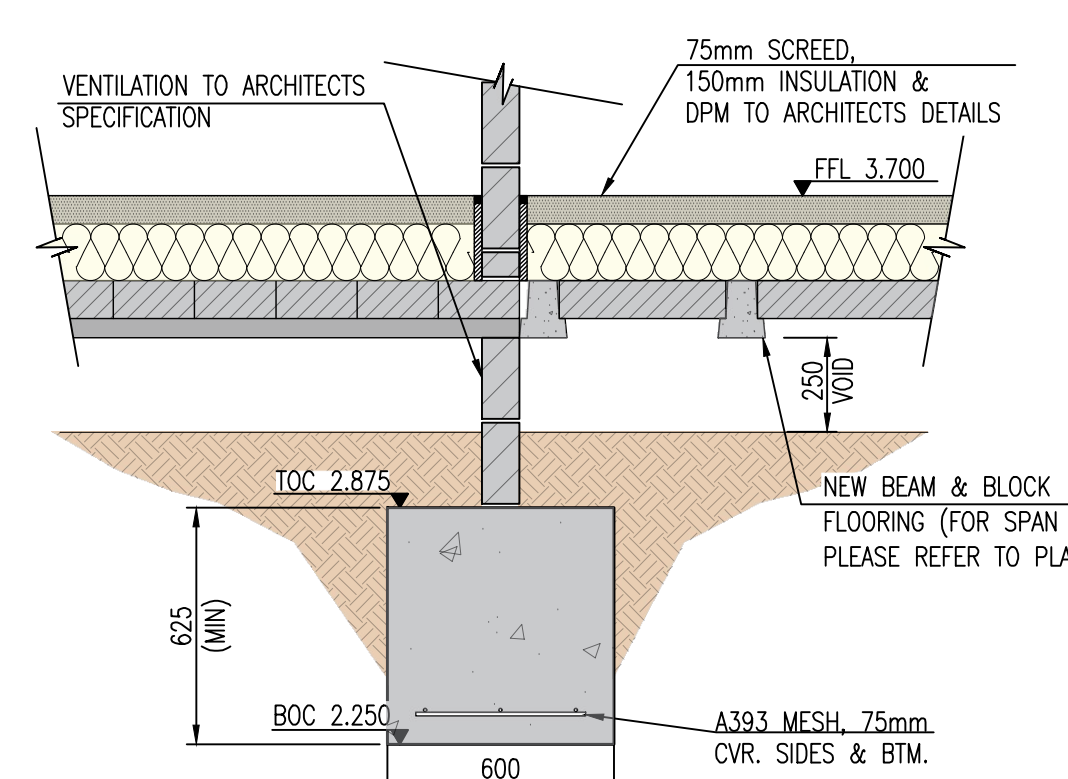
SECTION THROUGH A-A  
EXTERNAL PERIMETER WALL  
SCALE 1:20



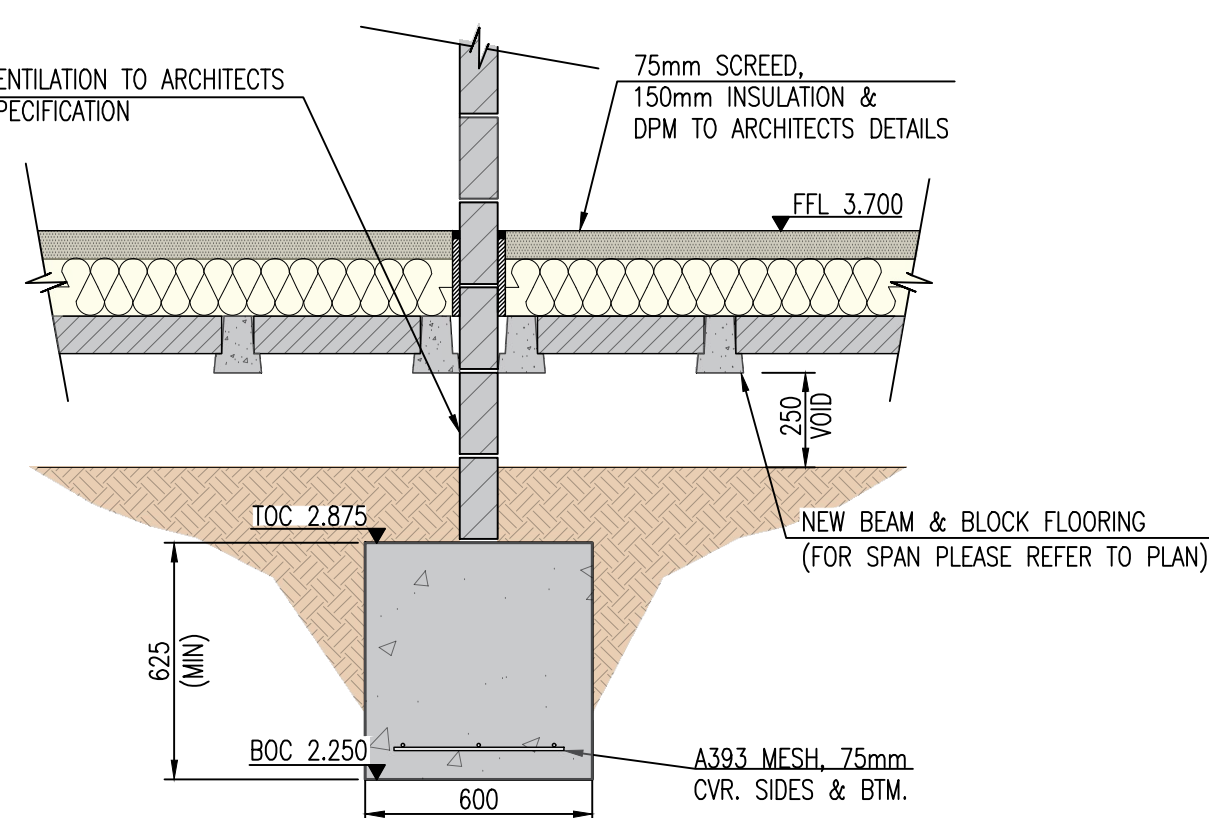
SECTION THROUGH B-B  
EXTERNAL PERIMETER WALL  
SCALE 1:20



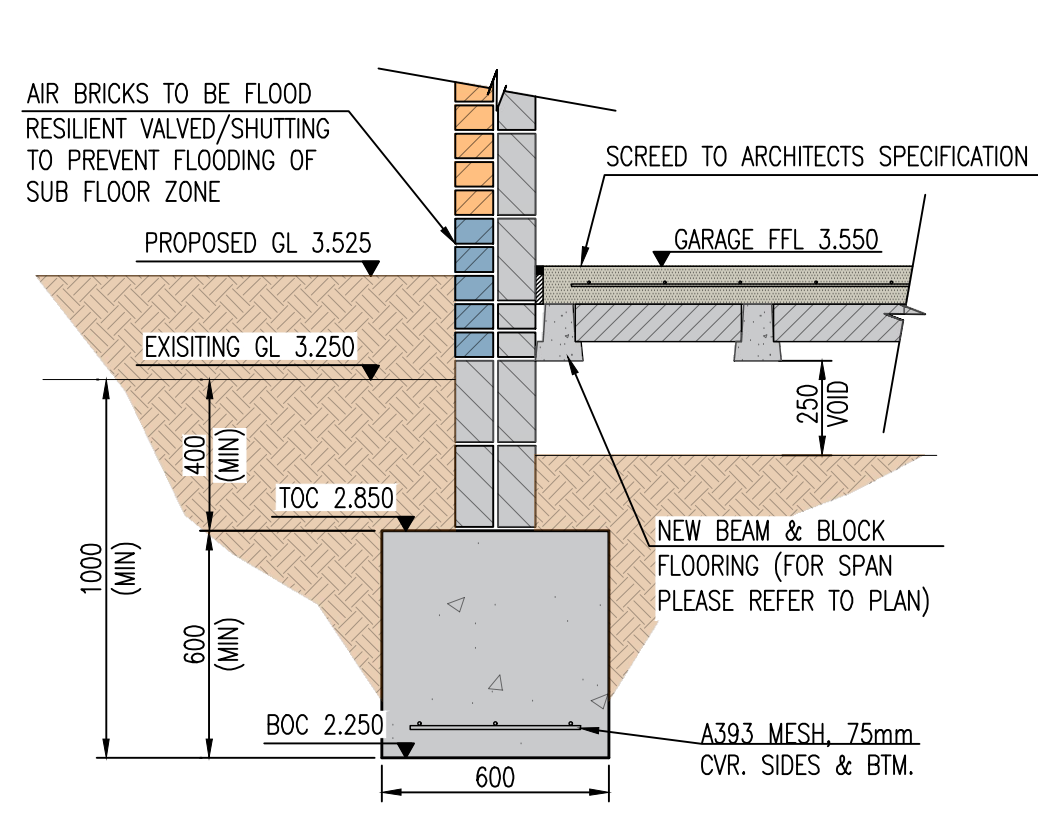
SECTION THROUGH C-C INTERNAL  
215mm THK. SLEEPER WALL  
SCALE 1:20



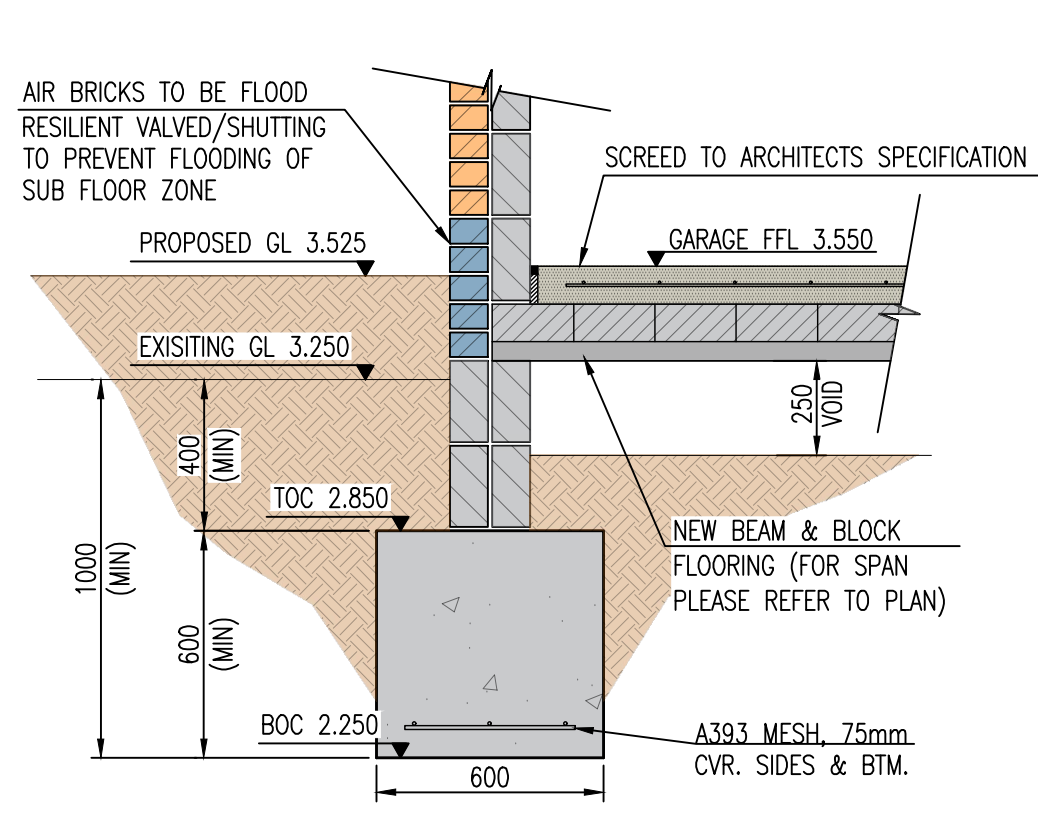
SECTION THROUGH D-D INTERNAL  
100mm THK. SLEEPER WALL  
SCALE 1:20



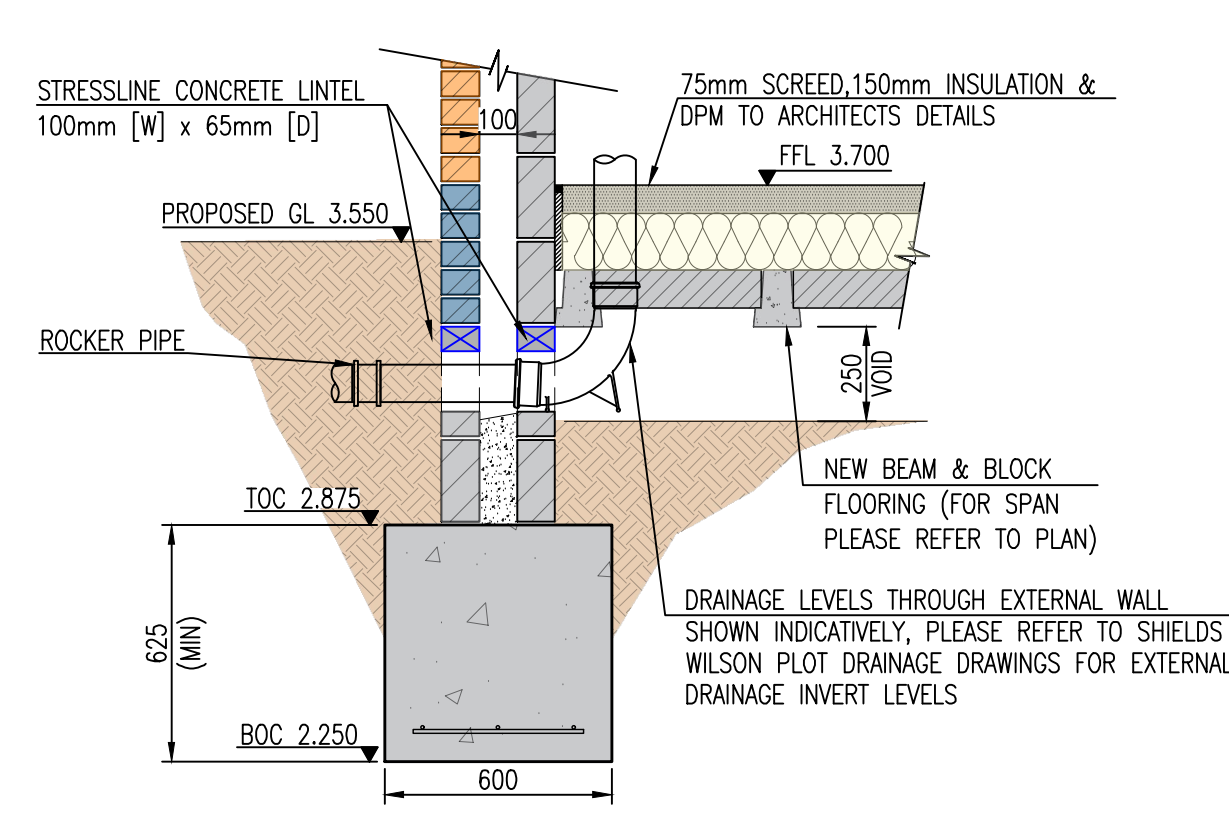
SECTION THROUGH E-E INTERNAL  
100mm THK. WALL  
SCALE 1:20



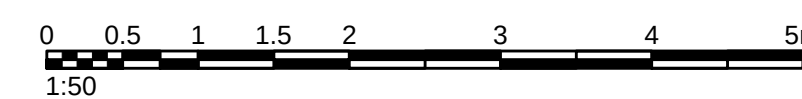
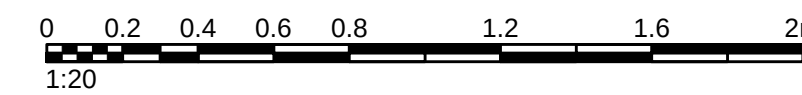
SECTION THROUGH F-F  
GARAGE EXTERNAL PERIMETER WALL  
SCALE 1:20



SECTION THROUGH G-G  
GARAGE EXTERNAL PERIMETER WALL  
SCALE 1:20



SECTION SHOWING DRAINAGE THROUGH  
EXTERNAL WALL  
SCALE 1:20



|                                                                                                                                |                                                           |              |              |          |  |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------|--------------|----------|--|
|                                                                                                                                |                                                           |              |              |          |  |
| A                                                                                                                              | REVISED - CIVILS LAYOUTS ADDED & VENTILATION NOTE AMENDED | CBW          | APW          | 22.10.24 |  |
| -                                                                                                                              | PRELIMINARY - FOR INFORMATION                             | CBW          | APW          | 05.09.24 |  |
| REV.                                                                                                                           | DESCRIPTION                                               | DRN.         | APP.         | DATE     |  |
| SHIELDS WILSON<br>e: info@shieldswilson.co.uk t: 01775 729252<br>STRUCTURAL AND CIVIL ENGINEERING                              |                                                           |              |              |          |  |
| STATUS<br>FOR INFORMATION                                                                                                      |                                                           |              |              |          |  |
| CLIENT<br>R K WILSON BUILDERS (GR) LTD.                                                                                        |                                                           |              |              |          |  |
| PROJECT<br>PROPOSED RESIDENTIAL DEVELOPMENT<br>LAND OFF WINDMILL LANE, GOSBERTON RISEGATE,<br>SPALDING, LINCOLNSHIRE, PE11 4ES |                                                           |              |              |          |  |
| TITLE<br>PROPOSED STRIP FOUNDATION ARRANGEMENT<br>& SECTIONS - PLOT 3                                                          |                                                           |              |              |          |  |
| DATE                                                                                                                           | SEPT. '24                                                 | SCALE        | DRAWING NO.  | REV.     |  |
| DRAWN                                                                                                                          | CBW                                                       | 1:50<br>1:20 | SW23-334-203 | A        |  |