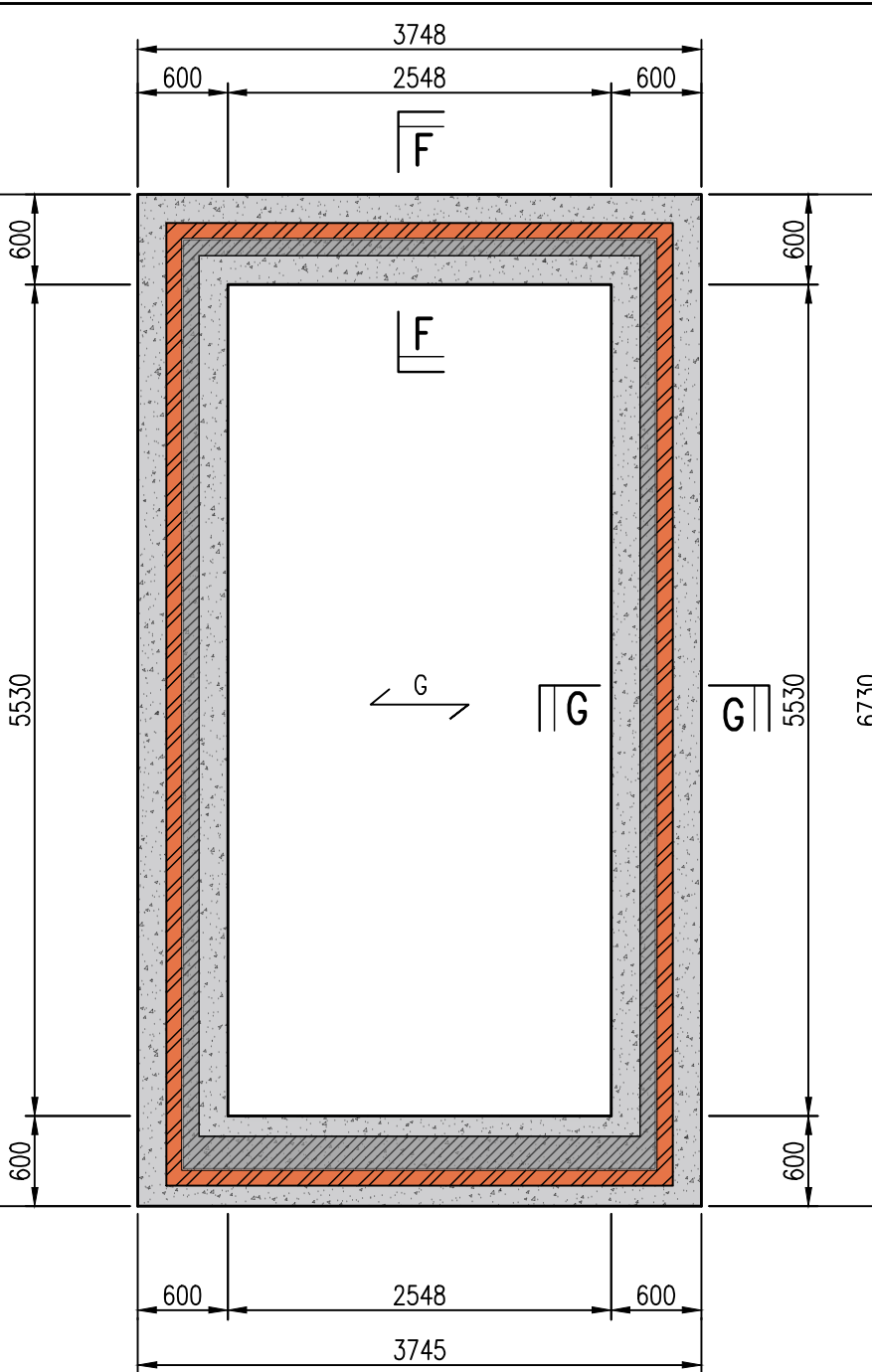
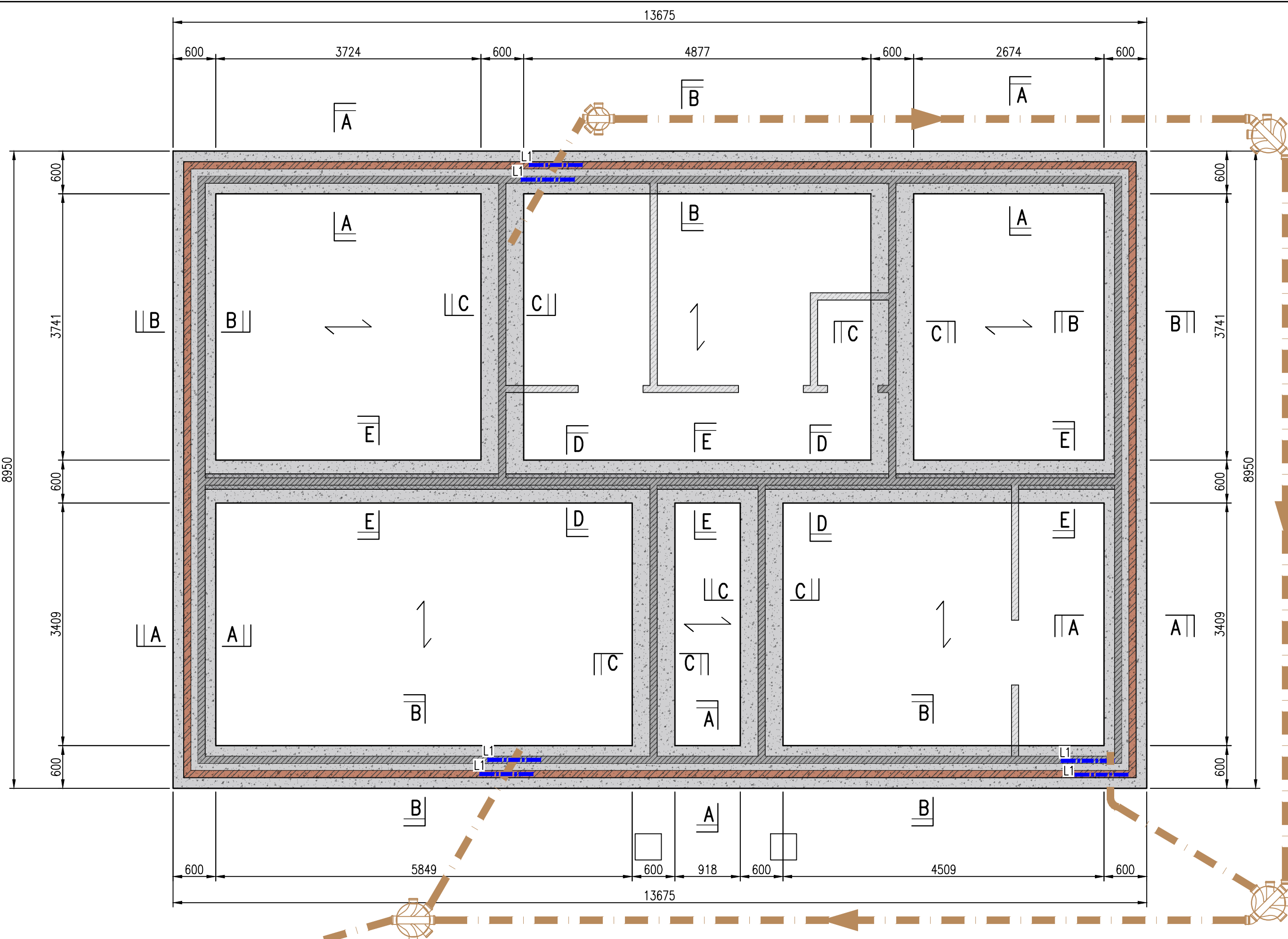




PROPOSED STRIP FOUNDATION ARRANGEMENT –
GARAGE OF PLOT 1
SCALE 1:50

- KEY:**
- DENOTES OUTER LEAF MASONRY
 - DENOTES INNER LEAF MASONRY
 - DENOTES NON LOAD BEARING BLOCK
 - DENOTES STUDWORK WALLS
 - DENOTES 215 THK. SLEEPER WALL
 - L1 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/m²
BLOCKWORK PARTITIONS – 5.0 kN/m LINE LOAD
FINISHES – 1.80kN/m²
- GARAGE LOADINGS:**
- BEAM & BLOCK – S/W BY MANUFACTURER
GARAGE IMPOSED – 2.50kN/m²
GARAGE FINISHES – 2.50kN/m²

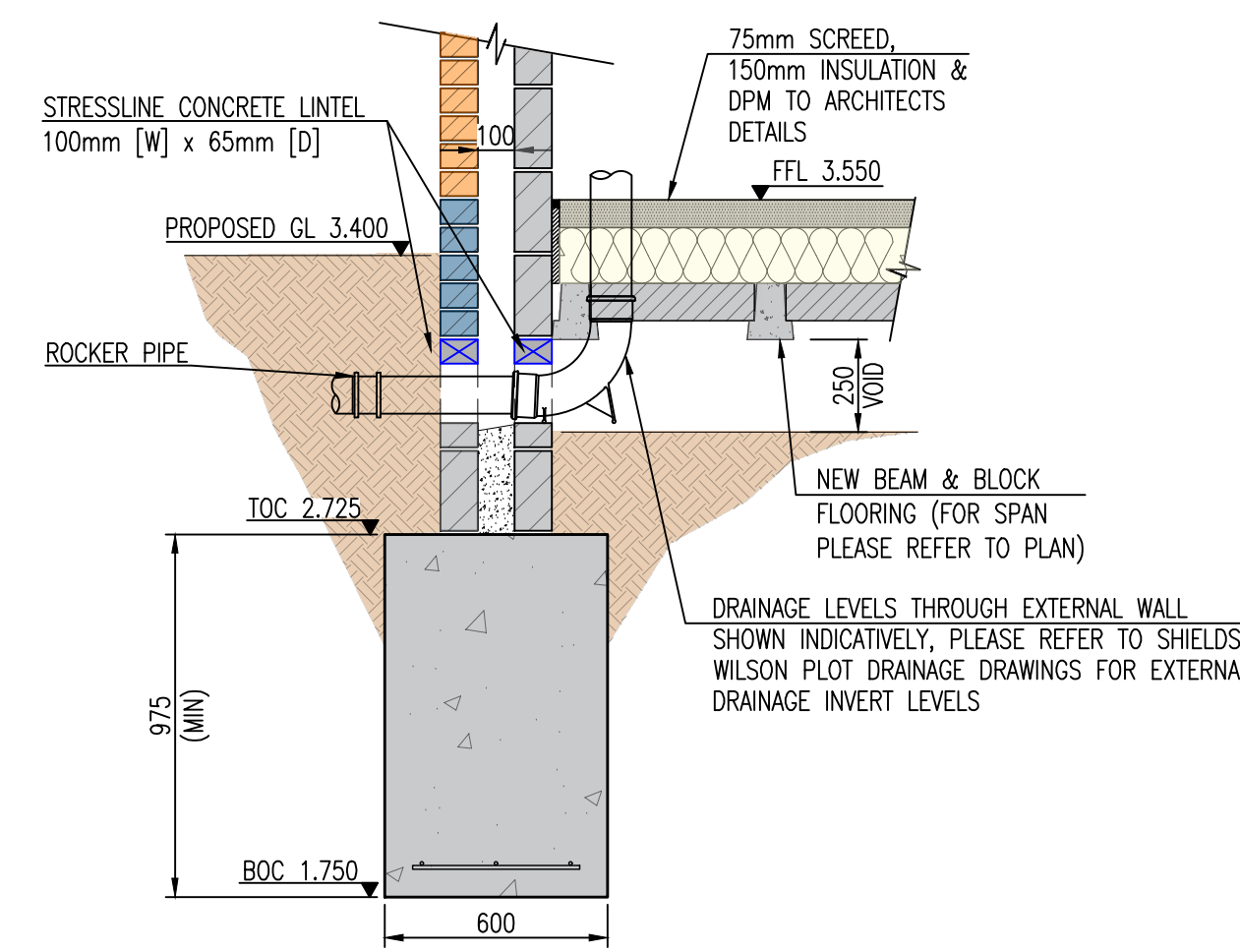
PLEASE REFER TO ARCHITECTS DRAWINGS FOR
CONFIRMATION OF ALL WALL/SETTING OUT
DIMENSIONS PRIOR TO COMMENCING OF WORKS

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

FOUNDATION SPECIFICATION

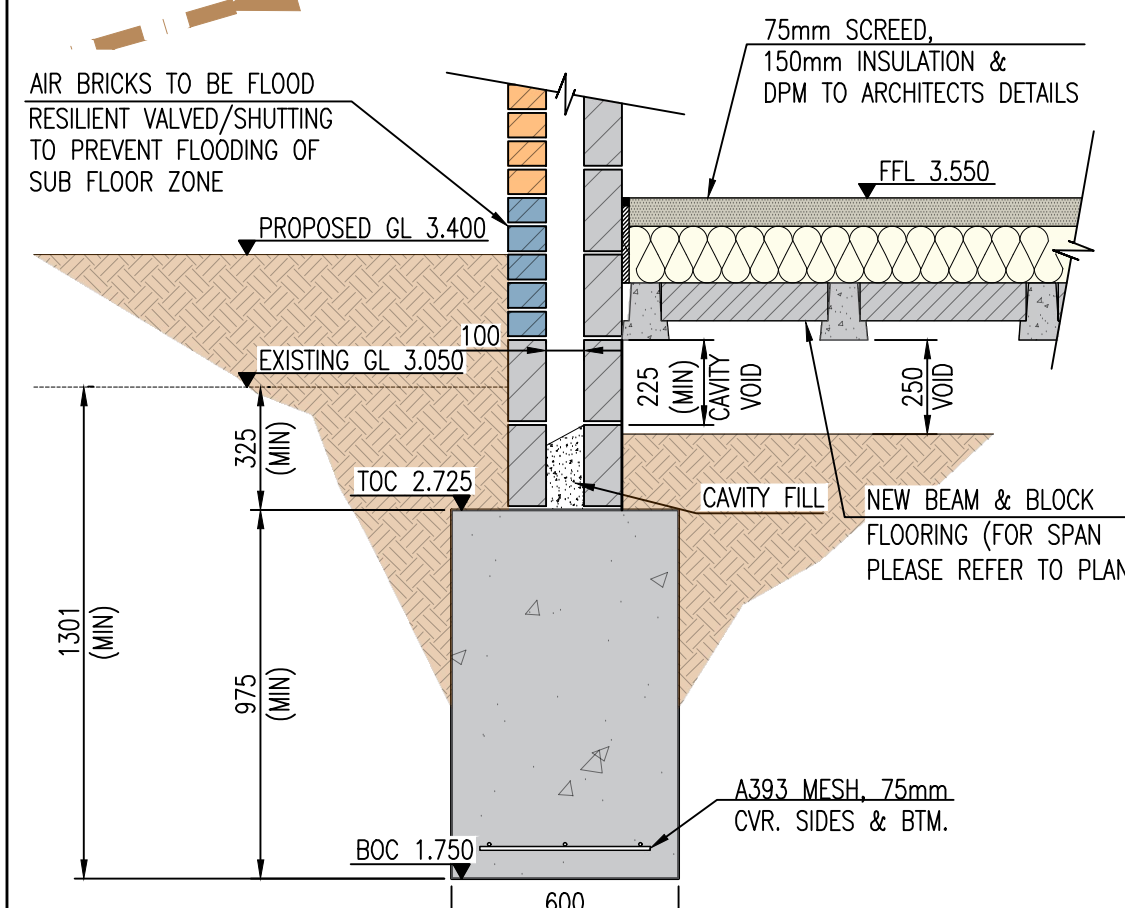
- ALL STRIP/BASE FOUNDATIONS ARE TO BE PLACED WITHIN UNDISTURBED NATURAL STRATA AT A DEPTH TO BE AGREED WITH THE BUILDING INSPECTOR.
- IT IS THE CONTRACTORS RESPONSIBILITY TO REPORT ANY CONDITION FOUND ON SITE DURING EXCAVATION WHICH, IN ANY WAY, MAY AFFECT THE PRESENT DESIGN (SUCH AS DUBIOUS GROUND, EXISTING FOUNDATIONS, DRAINS, TREES, PITS AND SHAFTS, ETC.)
- CONCRETE TO BE DS-1, DC-1, AEC-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 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/m³ 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/mm² MASONRY OR LOW ABSORBTION
3.6 N/mm² TRENCH BLOCKS

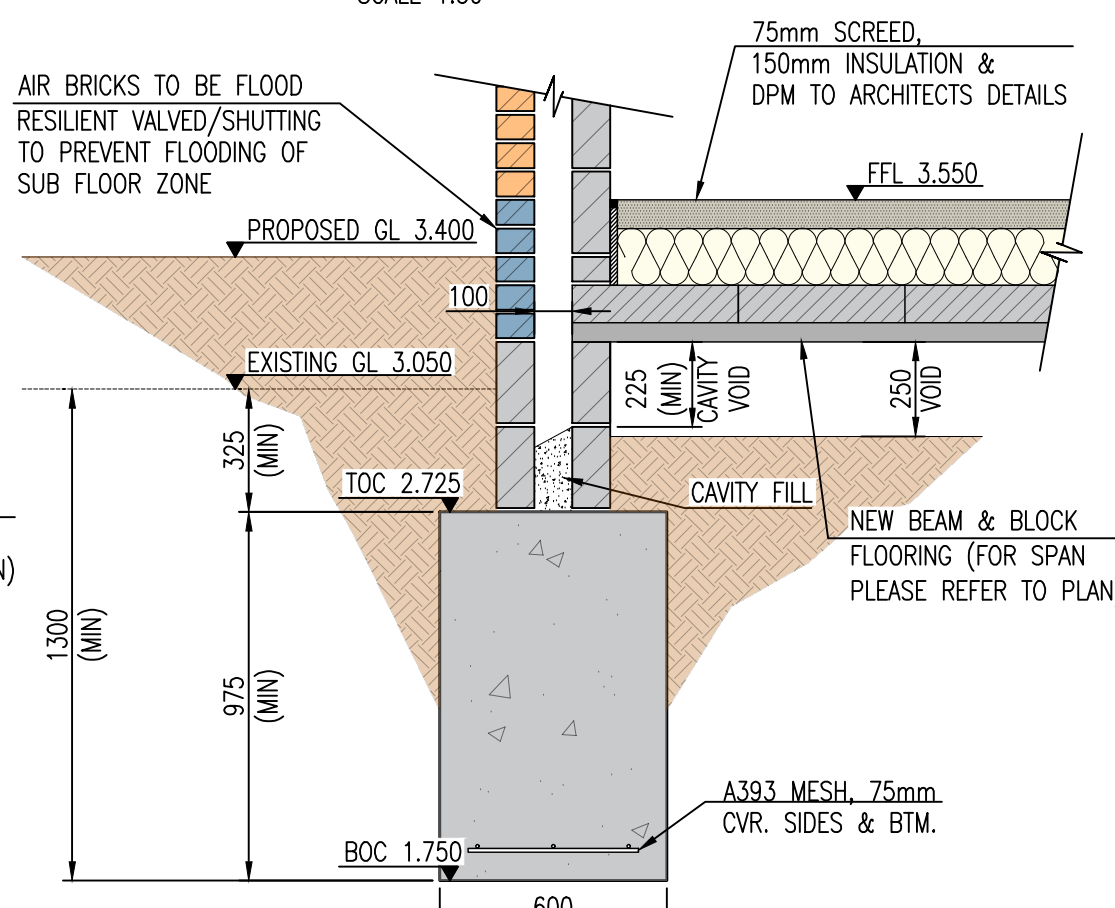


SECTION SHOWING DRAINAGE THROUGH
EXTERNAL WALL
SCALE 1:20

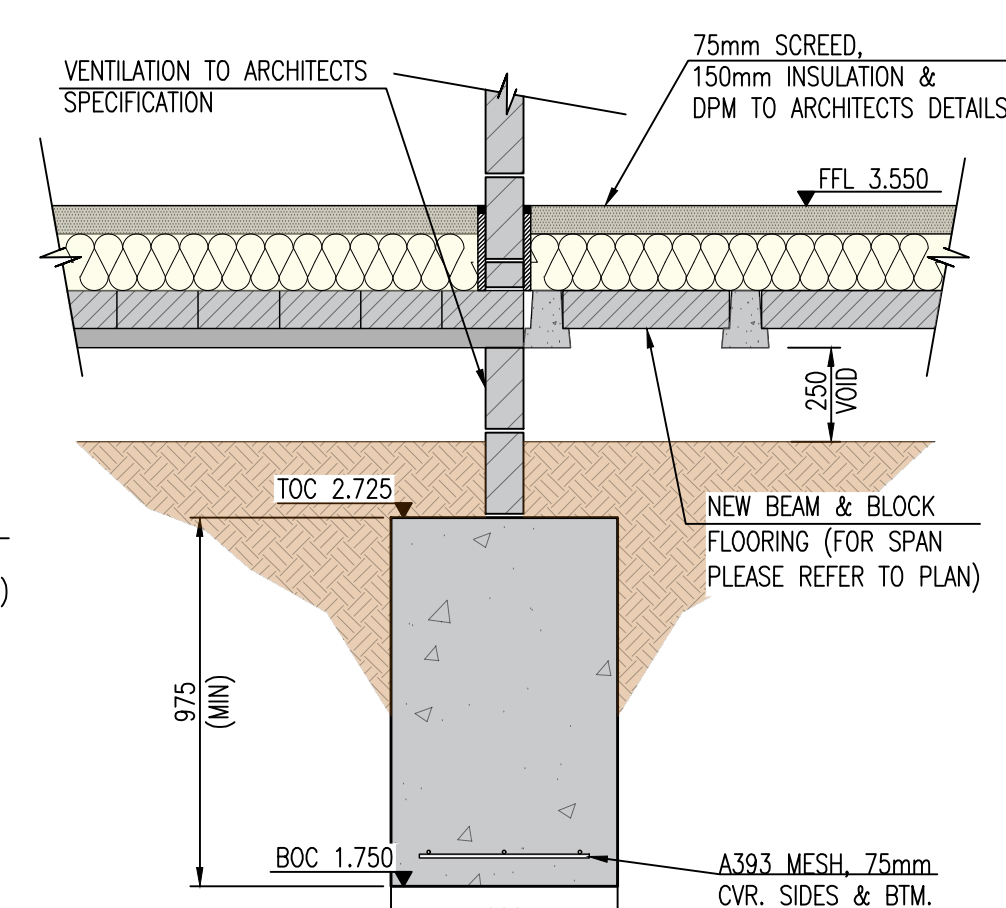
PROPOSED STRIP FOUNDATION ARRANGEMENT –
PLOT 1
SCALE 1:50



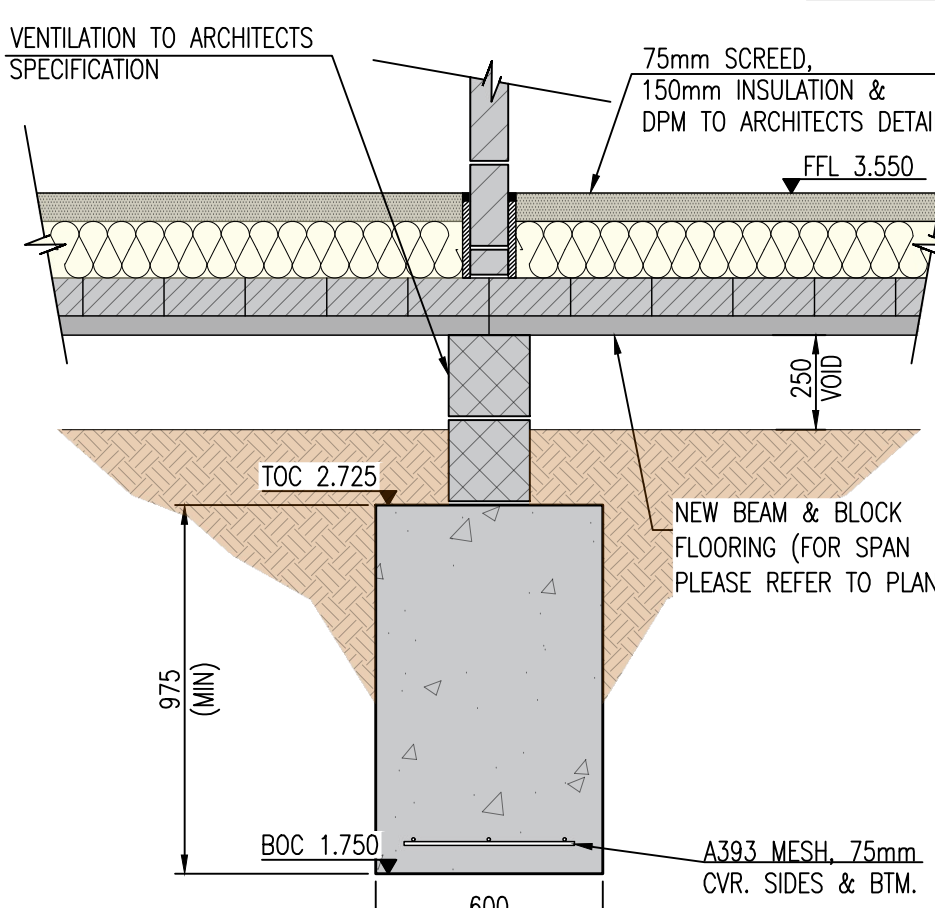
SECTION THROUGH A-A
EXTERNAL PERIMETER WALL
SCALE 1:20



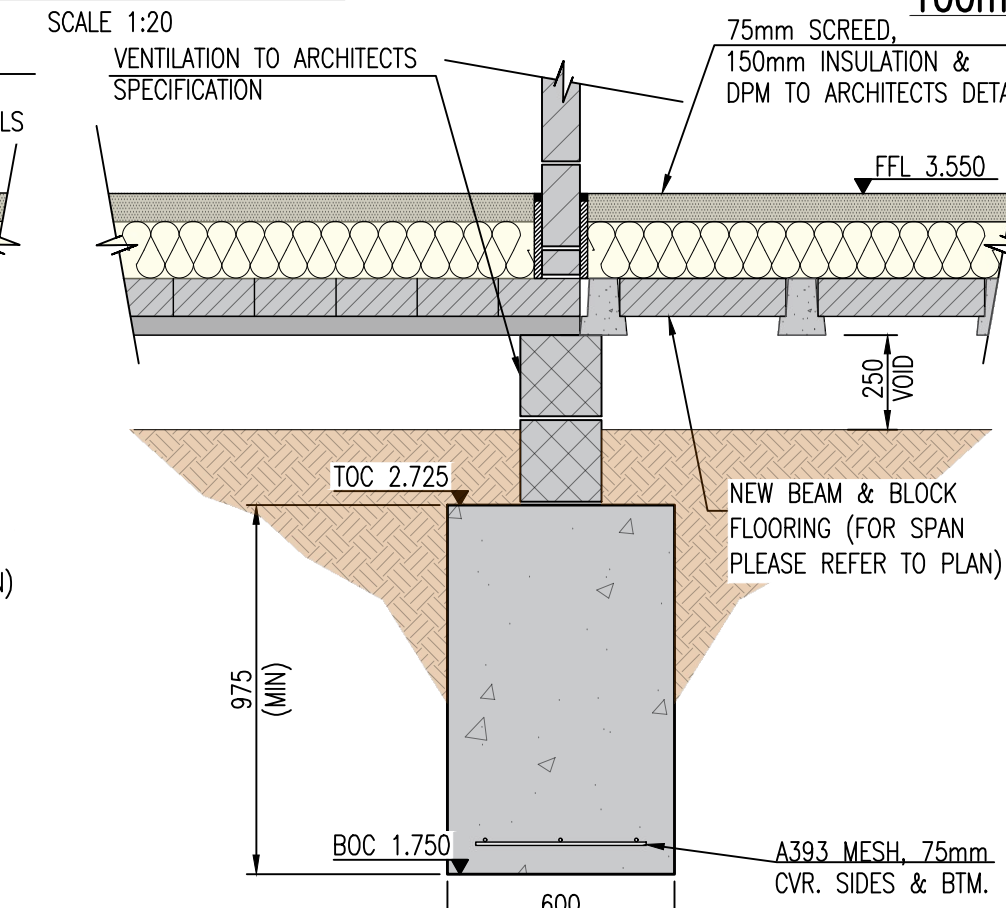
SECTION THROUGH B-B
EXTERNAL PERIMETER WALL
SCALE 1:20



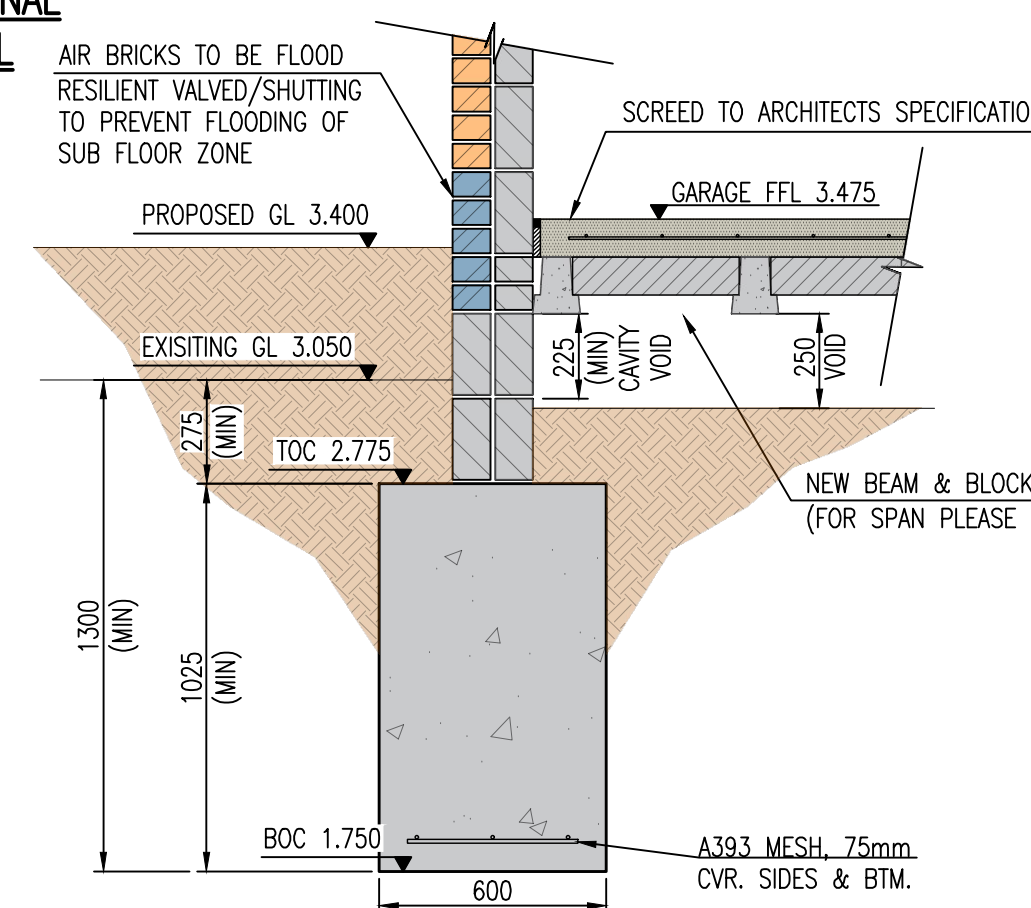
SECTION THROUGH C-C INTERNAL
100mm THK. SLEEPER WALL
SCALE 1:20



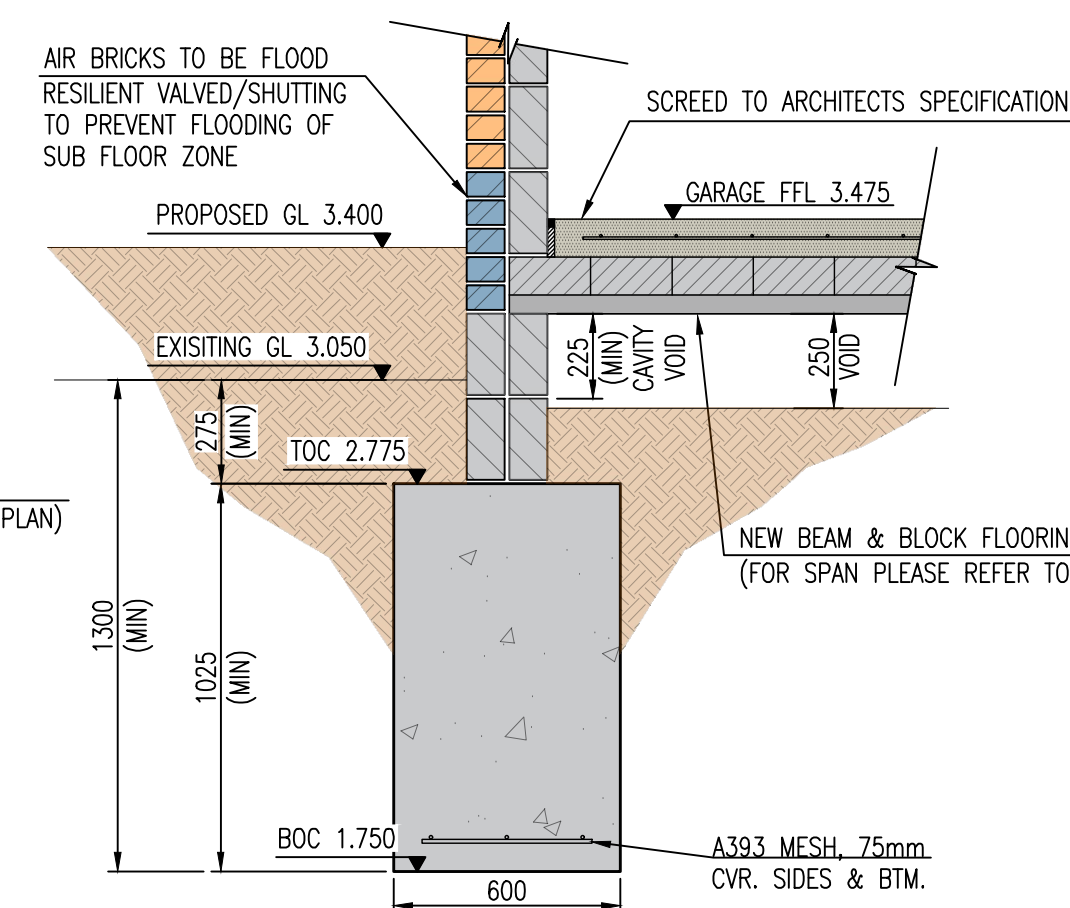
SECTION THROUGH D-D INTERNAL
215mm THK. SLEEPER WALL
SCALE 1:20



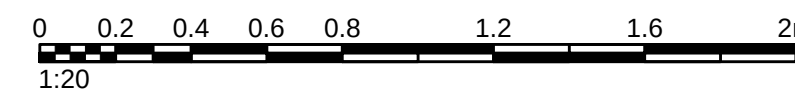
SECTION THROUGH E-E INTERNAL
215mm THK. SLEEPER WALL
SCALE 1:20



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



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



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 e: info@shieldswilson.co.uk t: 01775 729252 STRUCTURAL AND CIVIL ENGINEERING					
STATUS FOR INFORMATION					
CLIENT R K WILSON BUILDERS (GR) LTD.					
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT LAND OFF WINDMILL LANE, GOSBERTON RISEGATE, SPALDING, LINCOLNSHIRE, PE11 4ES					
TITLE PROPOSED STRIP FOUNDATION ARRANGEMENT & SECTIONS – PLOT 1					
DATE	SEPT. '24	SCALE	DRAWING NO.	REV.	
DRAWN	CBW	1:50 1:20	SW23–334–201	A	