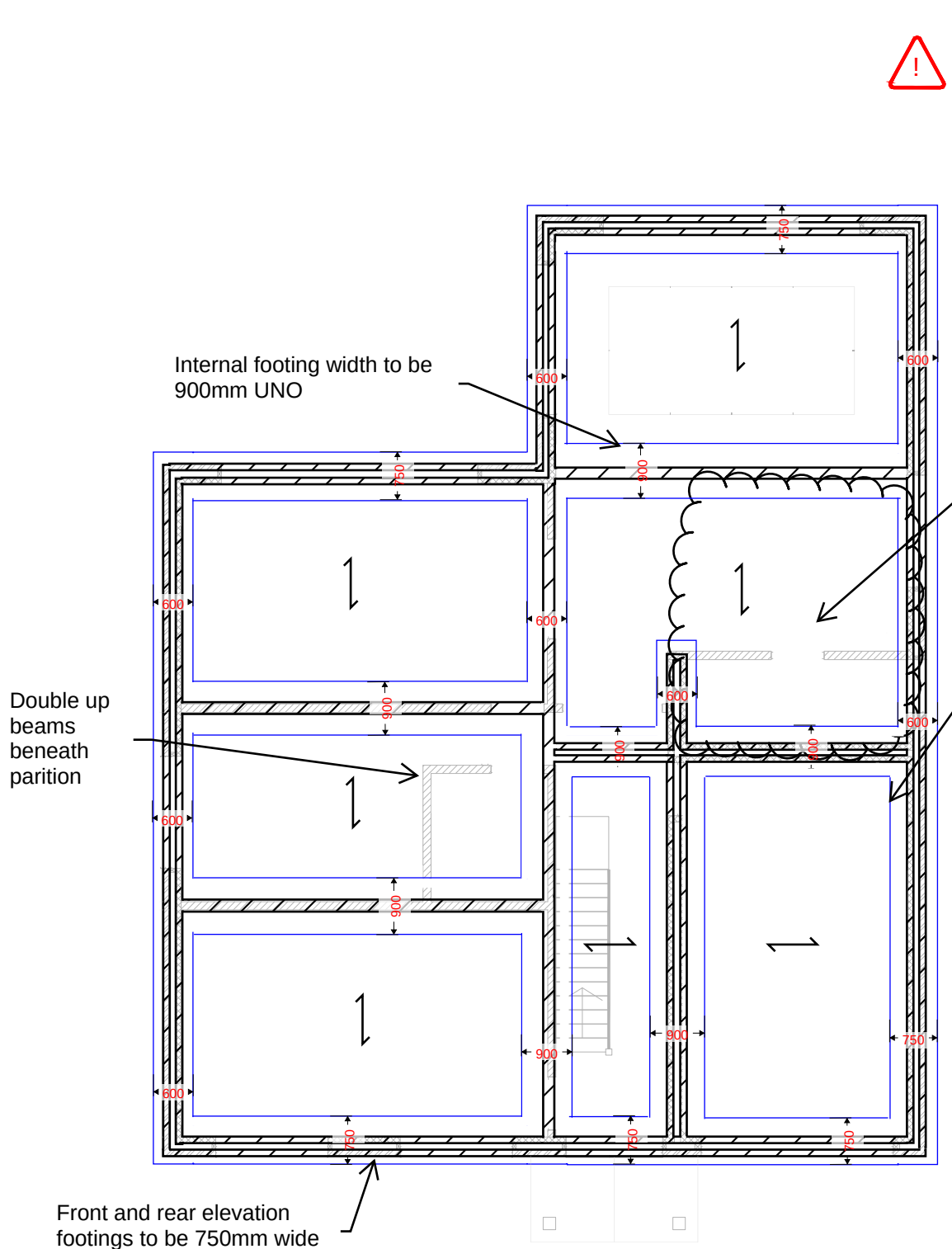




Foundation and ground floor structure general arrangement plan

Contractor to familiarise themselves with the site and ground conditions. Due to **poor stability of existing soil strata** anticipated on site, suitable allowance for temporary stabilisation and support of any excavations to be carefully considered. Temporary works design by contractor. Do not leave excavations unsupported.

Mass concrete footings to be 900mm wide UNO, founded 2.5m below existing ground level as given in the survey and on a suitable bearing strata to the satisfaction of Building Control Officer.

General Notes
This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications. Inform design team immediately if any discrepancies are noted. Do not scale from this drawing.

All dimensions to be confirmed on site by contractor.
If there are any concerns after removing the finishes, or any discrepancies to the assumptions shown, or if there are any concerns prior to or during demolition, Thetis should be consulted immediately.

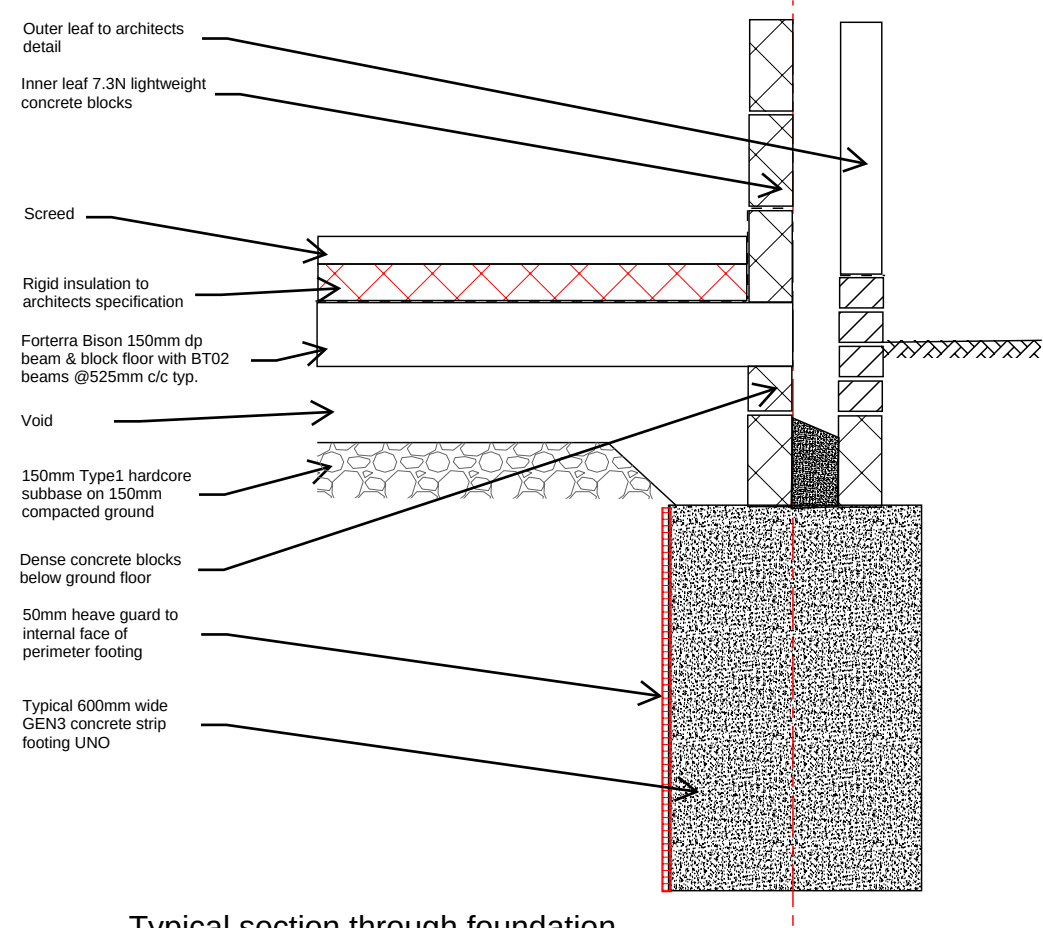
Steel
All steel S355 UNO. All Plates S275 UNO. All bolts M16 grd 8.8 UNO. All welds min 6fw UNO. All fillet welds to base plates, cap plates & end plates to be all round. UNO, base plates to be min 10mm thk S275 steel w/ min 4 No. M16 bolts.

All steel connections to be designed for a min ULS Shear=50 kN and to contain at least 2 No. M16 grd. 8.8 bolts. Design by fabricator.
All new steelwork to have min 100mm bearing onto new padstones.

Temporary Works
The Contractor is entirely responsible for maintaining the stability of all existing buildings and structures, within and adjacent to the works, and of all the works from the date of possession of the site until practical completion of the works.

The Contractor shall design, install and maintain all necessary temporary works and shall submit proposals for the temporary supports and sequence of construction for the works, to the Structural Engineer and Contract Administrator at least 10 working days prior to starting on site. These proposals shall be supported by design calculations unless agreed otherwise by the Structural Engineer in writing.

Stability
The Contractor is to accept full responsibility for the stability and structural integrity of the works during the Contract and provide temporary support as necessary. They shall also prevent overloading of any completed, partially completed or existing elements.



Typical section through foundation

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

- Key**
- Span of beam and block floor
 - 215mm dense concrete block wall
 - 100mm dense concrete block wall
 - GEN3 mass concrete foundations

P2 07/06/23 DKH Footing widths updated
P1 08/05/23 DKH OJS Preliminary

rev	date	by	chk	description
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Thetis Engineering Ltd.

Project
32 Valley Road, Chandlers Ford

Drawing title
Foundation and ground floor
structure general arrangement plan

Scale	Date	Drawn				
NTS	May 2023	DKH				
Drawing status	Status	Revision				
Preliminary	S2	P2				
Project no.	Originator	Zone	Level	Type	Role	drg no.
2230109-THE	-	ZZ	-	00	-	SK - S - 0001