

NOTES

1. All Structural Engineer's drawings are to be read in conjunction with all other relevant drawings and specifications.

FOUNDATION NOTES

1. The Engineer shall inspect all foundation bottoms. Approval must be given before the laying of any foundation concrete. The Engineer may vary the level of any foundation of the soil is not considered suitable for the design bearing pressure of 100kN/m² at a min. depth of 0.75m below existing ground level.

2. Foundations have been designed to span a 3m wide loss of support occurring anywhere under the footprint of the building. Refer to site investigation report no. 2847/08 by Terramech Investigations Ltd dated 11 September 2008.

3. A minimum of 50mm blinding is to be laid under all reinforced concrete in contact with the ground. This blinding layer is to be thickened to fill any isolated pockets of soft material. Large areas of soft material should be reported to the Engineer immediately they are discovered.

4. Foundation depths to be deepened by min. 300mm below lowest tree root by excavating and filling with lean mix concrete.

5. Excavated trench sides are likely to be unstable in the sand and gravels present at the site. Contractor to allow for all necessary permanent formwork such as Pecaform/ Paceform (BRC Special Products Tel. 020 7474 1800) or, Cellform (Cordec Ltd Tel. 01403 799600).

6. **Concrete mixes:**
Grade RC35 to be used for all reinforced concrete ground beams.
Grade GEN1 to be used for blinding and weak concrete where specified.

7. **Concrete cover:**
Min. 50mm cover to all reinforcement.

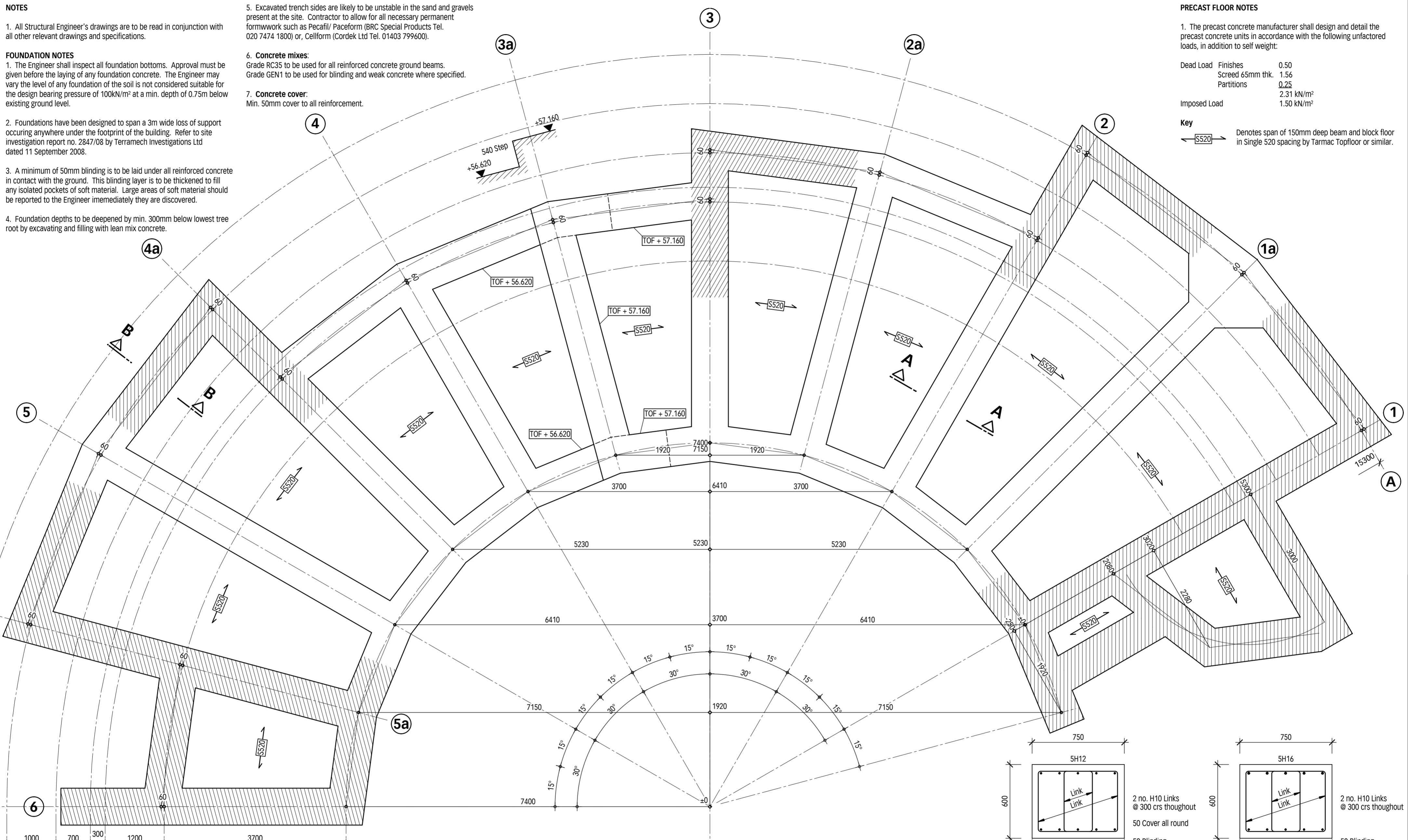
PRECAST FLOOR NOTES

1. The precast concrete manufacturer shall design and detail the precast concrete units in accordance with the following unfactored loads, in addition to self weight:

Dead Load	Finishes	0.50
	Screed 65mm thk.	1.56
	Partitions	0.25
Imposed Load		2.31 kN/m ²
		1.50 kN/m ²

Key

← S520 → Denotes span of 150mm deep beam and block floor in Single 520 spacing by Tarmac Topfloor or similar.



FOUNDATION PLAN 1:50

TYPICAL GROUND BEAM SECTION (A-A) 1:20

GROUND BEAM SECTION FOR CORNERS (B-B) 1:20 Shown Hatched On Plan

Rev	Description	Date
A	Building Regs Levels amended. Beam extended GrL6.	May 10
-	First Issue	Apr 10

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Project title
**New Dwelling
Tobermory, Peppard Lane
Henley-on-Thames**

Drawing
**General Arrangement
FOUNDATION PLAN**

By	Date	Checked	Date
SCD	May 10		
Scale	1:50, 1:20 @ A2		
Drawing Status	Building Regs		
Job Number	H472		
Drawing Number	01A		