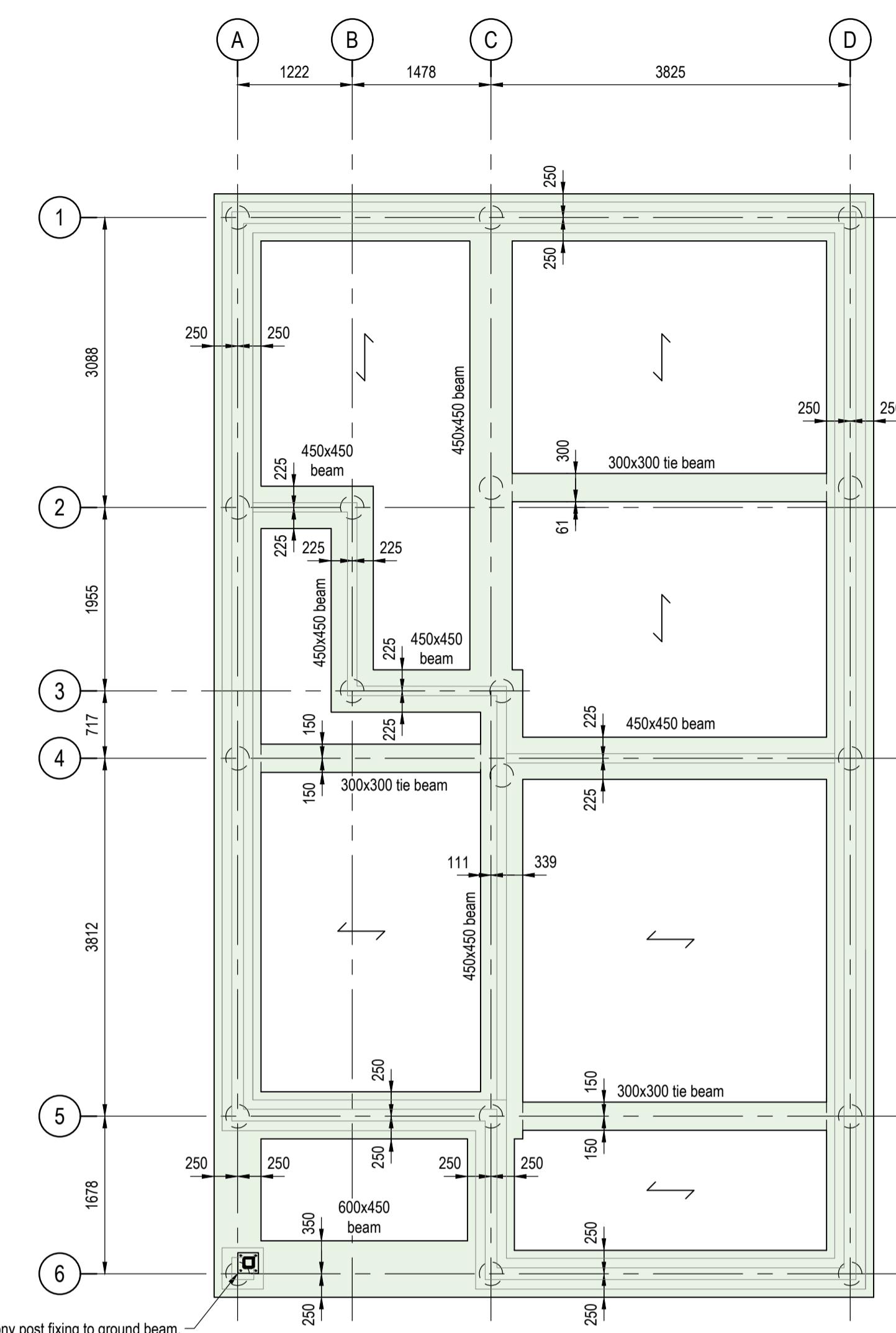


**PILE LAYOUT**

(SCALE 1:50)

PILE TABLE					
Plot No.	Handing	FFL	UB	Top of Beam Level	Pile Cut of Level
209	AS	35.80	0.000	34.975	34.575
211	AS	35.60	0.000	34.775	34.375
213	AS	35.05	0.000	34.225	33.825
215	OPP	34.05	0.150	33.075	32.675

Pile No.	Load (kN)
P1	150
P2	275
P3	200
P4	225
P5	100
P6	100
P7	150
P8	100
P9	100
P10	275
P11	200
P12	300
P13	250
P14	250
P15	250
P16	100
P17	125
P18	150



**GROUND BEAM LAYOUT**

(SCALE 1:50)

**KEY:**  
 Denotes span of ground floor beam and block.

**Piling Notes:**

- All piles to be designed in accordance with the ICE specification for piling and embedded retaining walls (3rd edition). All piles shall be designed to carry the loads shown in the table. The loads are service (i.e. Unfactored) working loads. Heave precautions should be allowed for, to comprise the placement of compressible material to the underside of all ground beams.
- Piles are to be subjected to testing. The amount and type of tests required depend on the piling method used. Testing regime to be agreed between Contractor, warranty provider and Eastwood Consulting Engineers prior to commencement of piling works.
- The Piling Contractor is to choose the method of piling best suited to the ground conditions or any environmental restrictions imposed by the local authority, and its statutory consultees.
- All piles must be designed to resist a horizontal load of at least 10kN.

**General Notes**

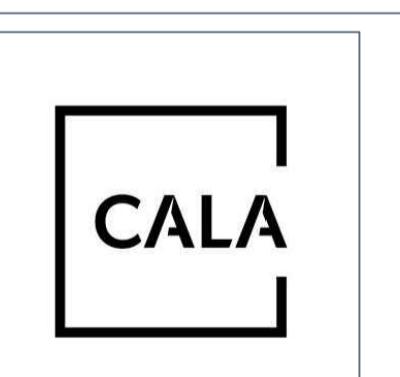
- This drawing is to be read in conjunction with all relevant Eastwood & Partners drawings prefixed SA00394\*\*\* and all relevant Architect's drawings.
- All structural concrete in ground beams to be designated mix FN4 conforming to BS 8500 - 2. Concrete design chemical class to be DS-4, AC4 and consistency class S3.
- Concrete blinding and mass concrete to be designated mix GEN1 conforming to BS 8500 - 2.
- Foundation blocks below ground level to be in accordance with the requirements of BS5628 part 3, table 13, and to have a minimum compressive strength of 7.3N/mm<sup>2</sup>.
- Precast concrete beam and block floor shall be designed for an imposed loading of 1.5kN/m<sup>2</sup> plus 0.5kN/m<sup>2</sup> lightweight partition loading.
- PRIOR TO CONSTRUCTION ALL DIMENSIONS ARE TO BE CROSS CHECKED BY THE CONTRACTOR AGAINST THE ARCHITECTS DRAWINGS.**
- For gas precaution requirements, see separate details.

F	Piles/beams amended to Architect's interior wall changes.	DR	AMC	01/05/25
E	Wall adjusted to suit brick dimensions	JW	OH	27/03/24
D	Balcony post connection added. Pile tables updated.	ASJW OH JAE		22/03/24
C	Issued For Construction	DR	OH	18/10/23
B	Drawing number changed	DR	OH	29/09/23
A	First issue.	GB	OH	01/09/23
REV	DESCRIPTION	SIG	CHK	DATE

**CALA HOMES (THAMES) LIMITED**

**BROOKLANDS COLLEGE  
WEYBRIDGE**

**HT6 PILED FOUNDATION  
PLOTS: 209, 211, 213 & 215  
GENERAL ARRANGEMENT**



**Eastwood**  
CONSULTING ENGINEERS

St Andrew's House  
23 Kingfield Road  
Sheffield, S11 9AS  
T: 0114 255 4554  
E: mail@eastwoodce.com  
eastwoodce.com

ECE PROJECT No SCALE AT A1 Drawing Status REV

**48174 1:50 CONSTRUCTION F**

Project  
**SA00394-4421-S-HT6-FND**