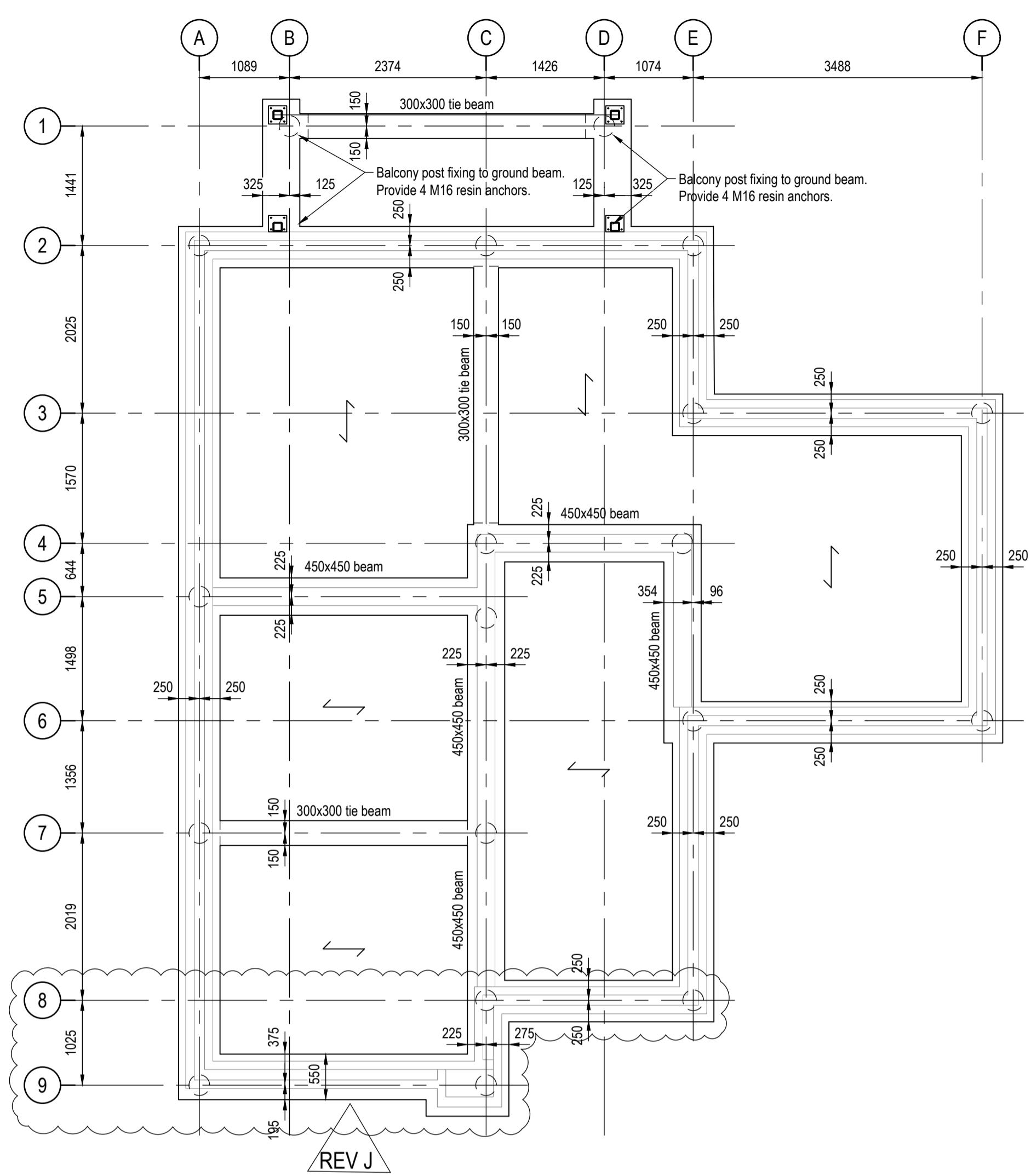


PILE LAYOUT

(SCALE 1:50)

PILE TABLE					
Plot No.	Handing	FFL	UB	Top of Beam Level	Pile Cut of Level
187	OPP	35.50	0.000	34.675	34.275
188	AS	35.30	0.000	34.475	34.075
210	AS	35.70	0.000	34.875	34.475
212	AS	35.50	0.000	34.675	34.275
214	OPP	34.55	0.450	33.275	32.875

Pile No.	Load (kN)
P1	225
P2	300
P3	150
P4	150
P5	150
P6	100
P7	100
P8	275
P9	150
P10	275
P11	150
P12	225
P13	100
P14	150
P15	175
P16	175
P17	125
P18	100
P19	100



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**

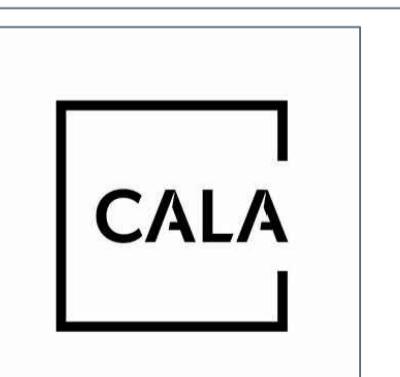
- This drawing is to be read in conjunction with all relevant Eastwood & Partners drawings prefixed SA00394\*\*\* and all relevant Architect's drawings.
- All structural concrete in ground beams to be designated mix FND4 conforming to BS 8500 - 2. Concrete design chemical class to be DS-4, AC4 and consistency 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.

J	Grid 9 ground beam layout adjusted	AMC	AMC	26.11.2025
H	Ground beam positions adjusted to suit balcony layout	AMC	AMC	06/11/25
G	Wall adjusted to suit brick dimensions	JW	OH	27/03/24
F	Balcony post connection added. Pile tables updated.	ASJW/WHJAE		22/03/24
E	Pile loads updated	DR	OH	09/02/24
D	Handing amended	DR	GM	23/10/23
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

HT7\_7A PILED FOUNDATION  
PLOTS: 187 (h), 188, 210, 212 & 214 (h)  
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 J

Project  
SA00394-4424-S-HT7\_7A-FND