

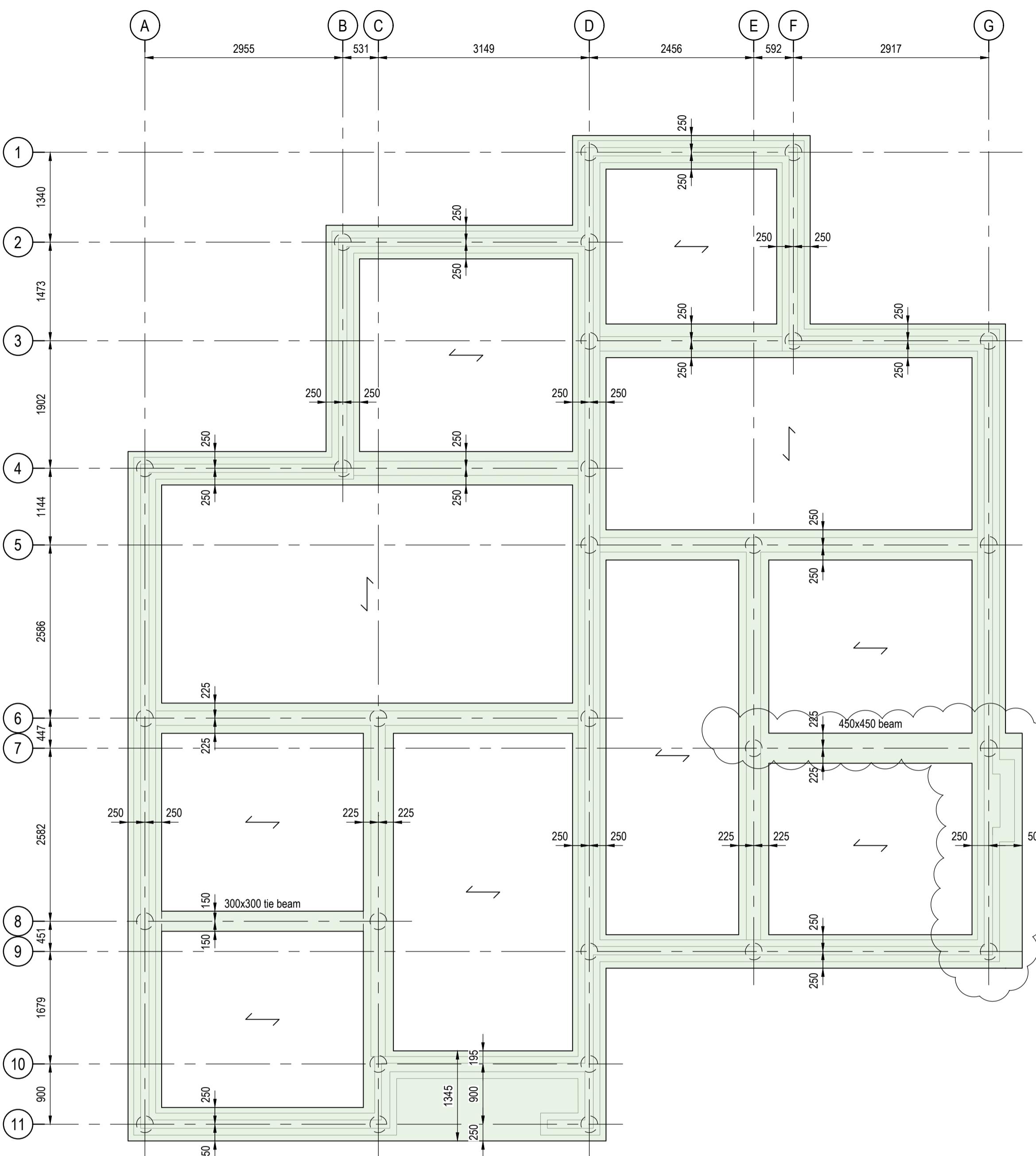
PILE LAYOUT

(SCALE 1:50)

PILE TABLE					
Plot No.	Handing	FFL	UB	Top of Beam Level	Pile Cut of Level
190/191	AS	35.30	0.375	34.100	33.700
192/193	AS	34.75	0.300	33.625	33.225
194/195	AS	34.35	0.450	33.075	32.675
196/197	OPP	33.70	0.150	32.725	32.325
200/201	AS	34.80	0.000	33.975	33.575
202/203	AS	35.10	0.150	34.125	33.725
204/205	AS	35.35	0.000	34.525	34.125
206/207	AS	35.70	0.150	34.725	34.325

File No.	Load (kN)
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Pile No.	Load (kN)
P1	100
P2	125
P3	150
P4	150
P5	200
P6	250
P7	175
P8	200
P9	275
P10	200
P11	225
P12	175
P13	225
P14	250
P15	225
P16	350
P17	175
P18	150
P19	225
P20	100
P21	125
P22	100
P23	225
P24	150
P25	200
P26	100
P27	125
P28	100



GROUND BEAM LAYOUT

(SCALE 1:50)

Long 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.

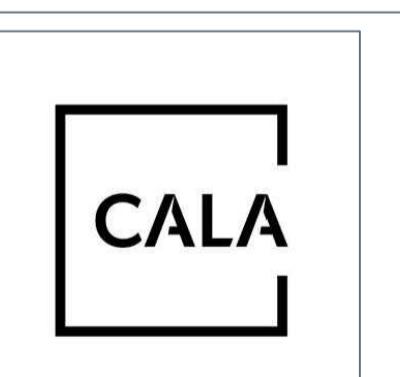
- All structural concrete in ground beams to be designated mix FND4 conforming to BS 8500 - 2. Concrete design chemical class to be DS-4, AC4 and consistence class S3.
- Concrete blinding and mass concrete to be designated mix GEN1 conforming to BS 8500 - 2.
- Foundation blocks below ground level to be in accordance with the requirements of BS5628 part 3, table 13, and to have a minimum compressive strength of 7.3N/mm².
- Precast concrete beam and block floor shall be designed for an imposed loading of 1.5kN/m² plus 0.5kN/m² 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.

Tie Beam & Ground beam for chimney breast widened.	JAE	OH	27/03/24
Pile table levels added.	JW	JAE	19/03/24
Pile loads updated	DR	OH	09/02/24
Issued For Construction	DR	OH	18/10/23
Drawing number changed	DR	OH	29/09/23
First issue.	GB	OH	01.09.23

CALA HOMES (THAMES) LIMITED

BROOKLANDS COLLEGE WEYBRIDGE

**HT Semi2_2A PILED FOUNDATION
PLOTS: 192/193 194/195 200/201 202/203
204/205 206/207 190/191 & 196/197(h)
GENERAL ARRANGEMENT**



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CCE PROJECT No SCALE AT A1 Drawing Status REV

48174 1:50 CONSTRUCTION F

Project

SA00394-4412-S-SEMI2 2A-FND

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