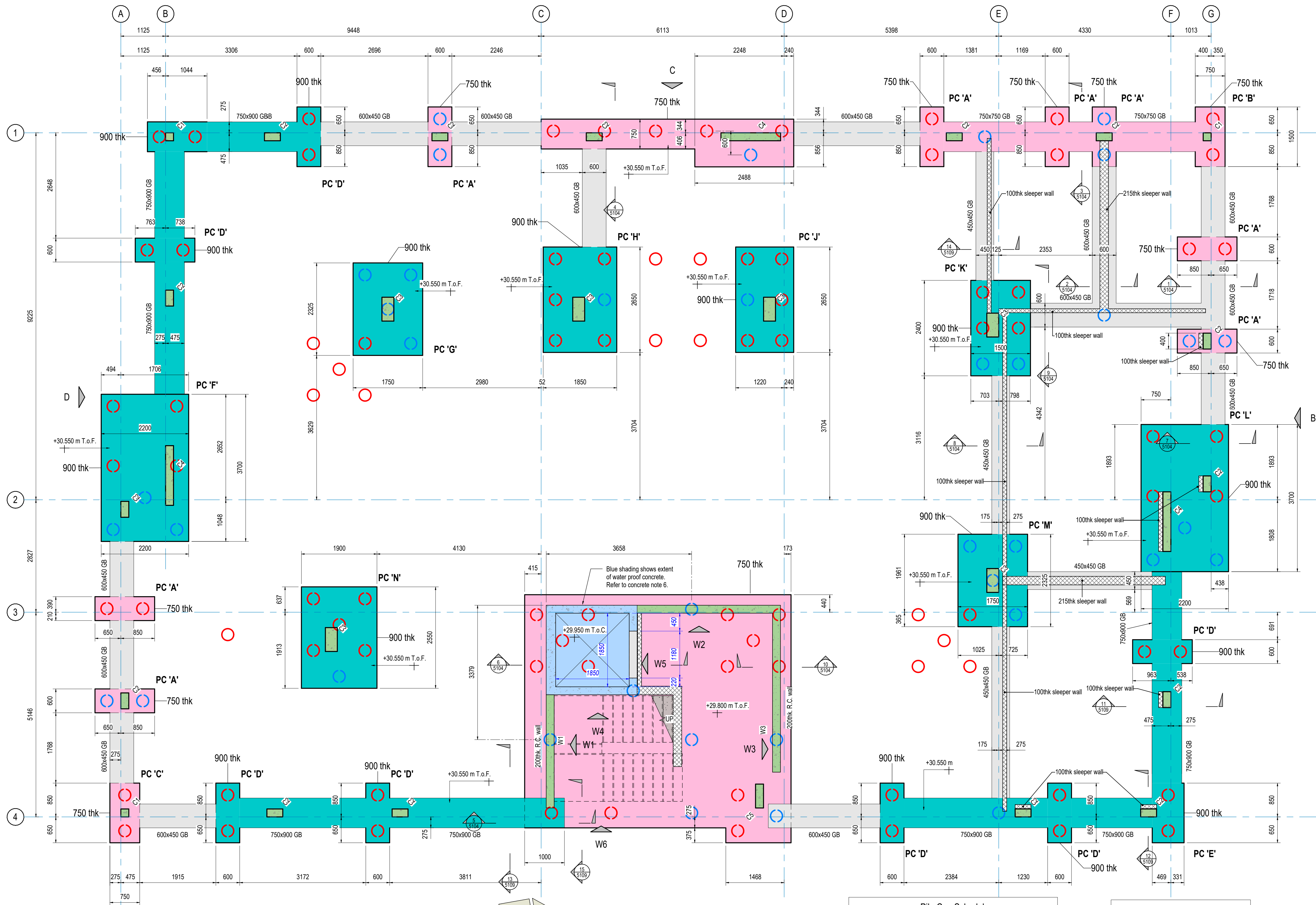




Foundation Layout Plan
SCALE 1 : 50

Key Legend

- Denotes new pile
- Denotes existing pile
- Denotes 450 deep foundations
- Denotes 750 deep foundations
- Denotes 900 deep foundations

Pile Cap Schedule		
Ref.	Size	Total No.
PC 'A'	600x1500x750dp	8
PC 'B'	750x1500x750dp	1
PC 'C'	750x1500x750dp	1
PC 'D'	600x1500x900dp	7
PC 'E'	750x1500x900dp	1
PC 'F'	2200x3700x900dp	1
PC 'G'	1750x2325x900dp	1
PC 'H'	1850x2650x900dp	1
PC 'J'	1460x2650x900dp	1
PC 'K'	1500x2400x900dp	1
PC 'L'	2200x3700x900dp	1
PC 'M'	1750x2325x900dp	1
PC 'N'	2550x1900x900dp	1

Column Schedule		
Ref.	Size	Total No
C1	200x200 Col	3
C2	400x200 Col	15
C3	600x300 Col	8
C4	1500x200 Col	3
C5	600x200 Col	1

Ground Beam Schedule		
Type	Beam Width	Beam Depth
450x450 GB	450	450
600x450 GB	600	450
750x750 GB	750	750
750x900 GB	750	900

General Notes

- These notes are to be read in conjunction with all relevant ECE drawings and specifications.
- All dimensions in millimetres (unless noted otherwise), and all levels in metres Above Ordnance Datum (unless noted otherwise).
- All dimensional setting out and level information is to be confirmed by the Architect.
- All dimensions are to be verified by the Contractor prior to fabrication or construction.
- The contractor shall be responsible for the design, fabrication, erection and removal of all temporary bracing and back propping necessary to maintain stability during the construction phase.

Piling Notes

- Refer to Eastwood drawing SA00394 - 5101 - S - BLOCKB - FND_Rev E for piling layout, schedule and notes.

Concrete Notes

- All reinforced concrete has been designed and detailed to BS EN 1992-1-1.
- All columns and reinforced concrete walls to have 25mm chamfers to exposed vertical and horizontal corners.
- All spacers for reinforcement to be concrete and comply with BS 7973-1:2001 and to be fixed in accordance with BS 7973-2:2001. All distance tubes to be concrete.
- All waterproof concrete and admixture is to be mixed, batched and installed in strict accordance with the manufacturers requirements.
- All concrete for the elements below is to be the following designated concrete mixes conforming to BS 8500-2:2015+A1:2016:-
Blinding and mass concrete = GEN1
Ground floor slab = RC28/35
Columns = RC32/40
Core walls/internal walls = RC32/40
Podium slabs = RC32/40
- All pile caps and ground beams to be designed mix RC28/35 conforming to BS 8500-2 : 2015+A1 : 2016 concrete design chemical class DS-4, AC-4 and consistency class S3.
- All waterproof concrete to be designed mix RC32/40 conforming to BS 8500-2:2015+A1:2016. A minimum cement content of 350kg/m³ and maximum w/c ratio of 0.45. Largest value of coarsest aggregate, D upper = 20mm.
Note: Waterproofing additive, Xypex or similar, to be added to the concrete mix see note 4.
- Execution and workmanship of all concrete works to comply with BS EN 13670:2009 and National Structural Concrete specification
- Formwork for substructure to be rigid enough to maintain a neat and straight finished concrete line and prevent against deflection / splaying of formwork during backfilling, or pouring.
- Substructure ground beams not suitable for support of temporary works for podium.

E	Substructure redesign to reflect as-built pile arrangement	M.J.	AJS	01.09.2025
D	Updated to suit revised lift shaft size	M.J.	AMC	08.04.2025
C	Sleeper walls added to suit Bison Precast request	M.J.	A.F.	13.09.24
B	Construction Issue. PC 2c introduced. Additional column added	M.J.	N.C.	18.04.24
A	Tender Issue	M.J.	N.C.	20.12.23
REV	DESCRIPTION	SIG	CHK	DATE

CALA HOMES (THAMES) LTD

BROOKLANDS COLLEGE, WEYBRIDGE

BLOCK B
PLOTS: 19 - 33
FOUNDATION LAYOUT

CALA

