



Ground Layout Plan

SCALE 1:50

Refer to Architect's drawings for details of air vents and door threshold details.

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.

D	Substructure redesign to reflect as-built pile arrangement	M.J.	AJS	01.09.2025
C	Final co-ordination note removed	M.J.	AMC	08.04.2025
B	Construction Issue. 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
SUB STRUCTURE / GROUND FLOOR
LAYOUT

CALA



ECE PROJECT No SCALE AT A1 DRAWING STATUS REV

48176 1:50 Construction D

DRAWING NUMBER

SA00394 - 5105 - S - BLOCKB - GA