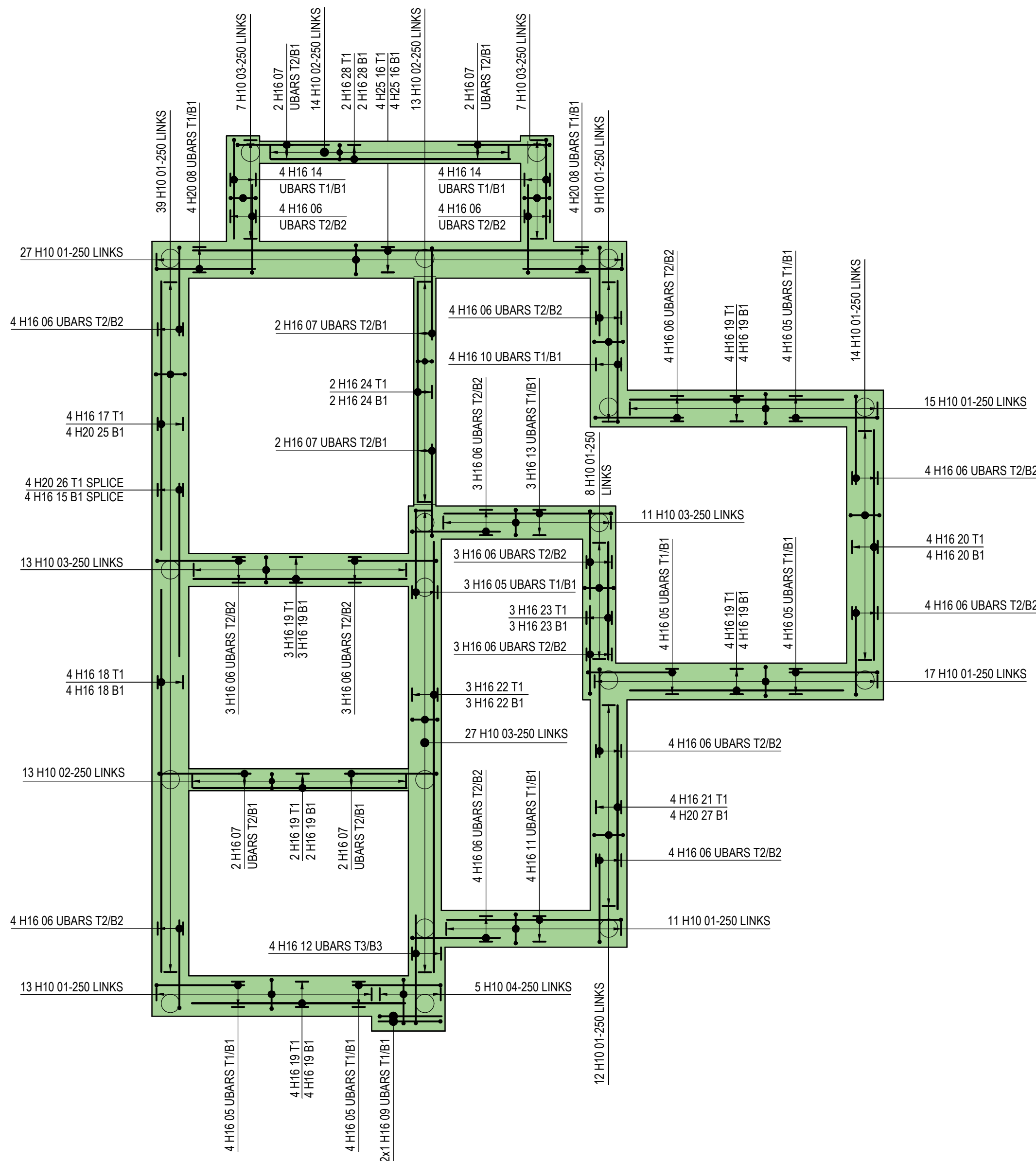
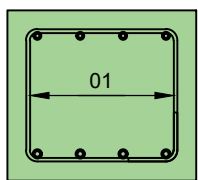
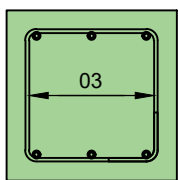




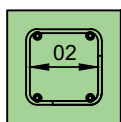
GROUND BEAM RC LAYOUT
(SCALE 1:50)



TYPICAL SECTION THROUGH
500x450mm BEAM
(SCALE 1:20)



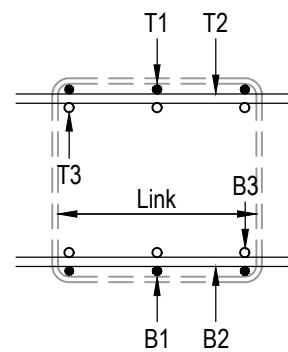
TYPICAL SECTION THROUGH
450x450mm BEAM
(SCALE 1:20)



TYPICAL SECTION THROUGH
300x300mm TIE BEAM
(SCALE 1:20)

Reinforcement Notes:

- Nominal cover to reinforcement to be :-
Top cover = 50mm (formwork shutter)
Side cover = 50mm (formwork shutter)
Bottom cover = 50mm (formwork shutter)
- Reinforcement to be high yield steel to BS 8666:2005.
- UNPROTECTED REINFORCEMENT, CARE TO BE TAKEN TO AVOID THE RISK OF FALLING ONTO AND BEING INJURED BY REINFORCEMENT.
- For details of reinforcement refer to bar bending schedules :-
SA00394-4426-S-HT7-BBS Sheet 1&2.
- Target lap lengths:
H10 - 400mm - allowable; not less than 380mm
H12 - 500mm - allowable; not less than 456mm
H16 - 650mm - allowable; not less than 608mm
H20 - 800mm - allowable; not less than 760mm
H25 - 1000mm - allowable; not less than 950mm
- Abbreviations
T1 - Top layer of reinforcement
T2 - Second from top layer of reinforcement
B1 - Bottom layer of reinforcement
B2 - Second from bottom layer of reinforcement.

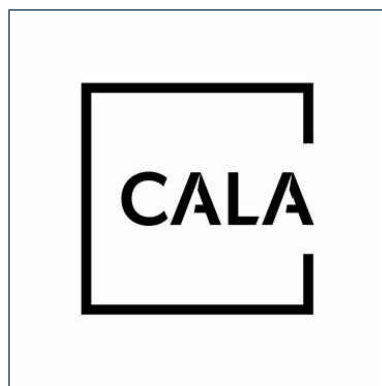


J	Grid 9 ground beam layout adjusted	AMC	AMC	26.11.2025
H	GB layout adjusted to suit balcony posts. No change to RC	AMC	AMC	06/11/25
G	Lap length notes amended.	DR	AMC	24/03/25
F	Balcony plinths added.	DR	OH	28/03/24
E	Rebar amended.	DR	OH	09/02/24
D	Handing amended	DR	GM	23/10/23
C	Issued For Construction	DR	OH	18/10/23
B	Drawing number changed	DR	OH	29/09/23
A	First issue.	DR	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)
REINFORCEMENT LAYOUT



ECE PROJECT No SCALE AT A1 Drawing Status REV

48174 1:50 1:20 CONSTRUCTION J

Project
SA00394-4425-S-HT7_7A-RC