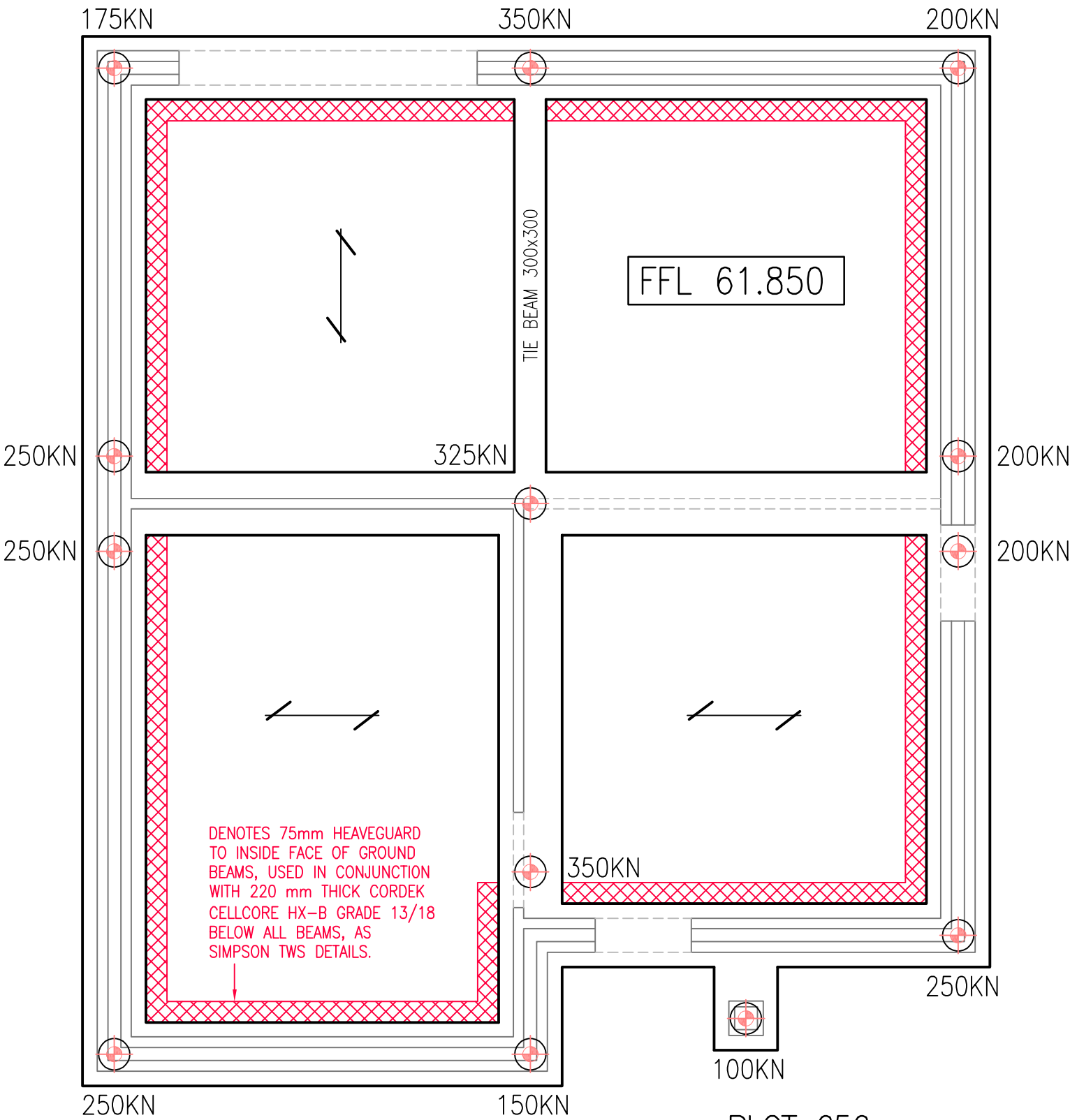


DO NOT SCALE



PLOT 656
H/T "CAMBRIDGE"

TOP OF GROUND BEAM: 60.950
BOTTOM OF GROUND BEAM: 60.500
PILE CUT OFF LEVEL: 60.550

PILE AND GROUND BEAM NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, ENGINEER'S & SUB-CONTRACTORS DRAWINGS AND DETAILS AND THE PROJECT SPECIFICATION.
2. SETTING OUT TO BE IN ACCORDANCE WITH THE ARCHITECT'S DRAWINGS AND RELEVANT DETAILS.
3. GROUND BEAM CONCRETE TO BE MINIMUM GRADE RC28/35 (DS-3, AC-2s).
4. ALL GROUND BEAMS TO BE SHUTTERED USING BRC PECAFILL OR EQUIVALENT PERMANENT FORMWORK, UNLESS GROUND CONDITIONS PROVIDE SUITABLE STABILITY OF TRENCH SIDES.
5. EXCAVATIONS SHALL BE TRIMMED, LEVELED, PROTECTED AND KEPT FREE OF WATER.
6. 50mm CONCRETE BLINDING TO BE PROVIDED BELOW ALL GROUND BEAMS.
7. REINFORCED CONCRETE SHALL BE COMPACTED BY MEANS OF A MECHANICAL VIBRATING POKER AND THE WORKABILITY SHALL BE SUCH THAT, WHEN COMPACTED, A DENSE CONCRETE, FREE FROM VOIDS SHALL BE PRODUCED.
8. THE CONTRACTOR IS RESPONSIBLE AND LIABLE FOR ENSURING THE STABILITY OF THE WORKS AT ALL STAGES OF CONSTRUCTION.
9. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND MAKING ALLOWANCE FOR ALL BELOW GROUND DRAINAGE AND SERVICES
10. PILE CONCRETE GRADE TO BE DETERMINED BY THE PILE DESIGNER/SPECIALIST.
11. PILE LOADS SHOWN ARE UN-FACTORED IN KILONETONS (KN).
12. PILES TO BE DESIGNED BY A SPECIALIST TO ACCOMMODATE THE LOADS SHOWN, THE GROUND CONDITIONS RECORDED IN THE GI, ALONG WITH SUITABLE ALLOWANCE FOR GROUND HEAVE.
13. PILES TO BE DESIGNED FOR A HORIZONTAL LOAD OF 10KN
14. LOAD TESTING REGIME AND FACTOR OF SAFETY TO BE AGREED WITH THE ENGINEER AND BUILDING CONTROL. ALL PILES MUST BE 100% INTEGRITY TESTED.
15. PILES MUST BE POSITIONED CENTRALLY BELOW GROUND BEAMS UNLESS NOTED OTHERWISE.
16. ALL PILES MUST BE CAST MIN 300mm ABOVE THE CUT OFF LEVELS AND THEN BROKEN DOWN TO THE LEVELS INDICATED ON THE DRAWINGS
17. PILES ARE TO BE LEFT IN A SOUND CONDITION WITH THE REINFORCEMENT PROJECTING MIN 40 X BAR DIAMETER ABOVE THE STATED CUT OFF LEVEL. PILE REINFORCEMENT TO BE TURNED INTO GROUND BEAMS CAGES AND LAPPED WITH TOP REINFORCEMENT.
18. PILES HAVE BEEN DESIGNED ON A MAXIMUM DEVIATION POSITION OF 75mm ANY PILES OUT OF POSITION GREATER THAN 75mm TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
19. PILE HEAD TO HAVE A MINIMUM EMBEDMENT OF 50mm INTO GROUND BEAMS AND 75mm INTO PILE CAPS.
20. THE MAXIMUM VERTICAL SETTLEMENT OF THE PILE IS NOT TO EXCEED 10mm.

T2	GROUND BEAM LEVELS CHANGED TO SUIT UPDATED FFL	EC	24.01.25
T1	TENDER ISSUE	PB	02.06.23
MK	REVISION	BY	DATE

DRAWING STATUS

TENDER

DRAWING TITLE

PLOT 656 CAMBRIDGE
(8688G_CAMB_DM.1) PILE
& GROUND BEAM LAYOUT

PROJECT

NETHERMAYNE,
PHASE 4B
FOR
REDROW HOMES



Unit B10
Elmbridge Court Business Park
Gloucester GL3 1JZ
T: 01452 309 727
E: mail@simpsoneng.com
W: www.simpsoneng.com



London, Henley-on Thames, Gloucester and Exeter

Drawn PB	Chkd MH	Scales 1:50	Date JUN'23
-------------	------------	----------------	----------------

Purpose of Issue

TENDER ISSUE

Project Number P21-508	Drawing Number P656	Revision T2
---------------------------	------------------------	----------------