

All Ground Beams to be 500mm wide unless noted otherwise.

All Piles to have a Safe Working Load of 225kN

For reinforcement information refer to Bar Schedule Ref: P10988_319.01

For location plan, general notes, details, heave precautions, concrete designation and gas protection measures refer to GRM Foundation Key Plan ref. P10988_01

General Notes

This drawing is to be read in conjunction with all relevant Architects and Engineers drawings.

Until such time as the Local Authority and NHBC have approved this drawing, all information contained is assumed to be preliminary and not for construction purposes.

For levels and position of unit type, refer to relevant setting out drawings.

For details of unit construction refer to relevant Miller Homes South Midlands drawings

This drawing is not to be scaled.

Working Platform

Details of working platform to be agreed with Piling contractor prior to commencement of works.

Piling contractor to be responsible for the maintenance of the working platform, during the works.

Piled foundations

Pile loads specified are safe working loads, i.e. unfactored.

Piles are to be designed using the appropriate factor of safety.

All Piling to comply with BS8004 and all other relevant current standards.

The piling contractor is to drive the piles to carry the safe working loads, as indicated.

Pile testing will be required. This is to be agreed with GRM prior to commencement.

The piling contractor is to allow for 800mm of continuous reinforcement to project above cut off level to tie the piles into the ground beams.

Suspended Floors

B & B Indicates span of Beam & Block floor.

Groundbeams

Groundbeam sides are to be shuttered, unless stated otherwise.

Groundbeam bases are to be shuttered or have 50mm concrete blinding.

Concrete Specification

Unless stated otherwise groundbeams are to be constructed from min. 35N/mm² concrete to BS8500, compacted by vibration.

Reinforced concrete is to comply with BS8110 and all other relevant British standards.

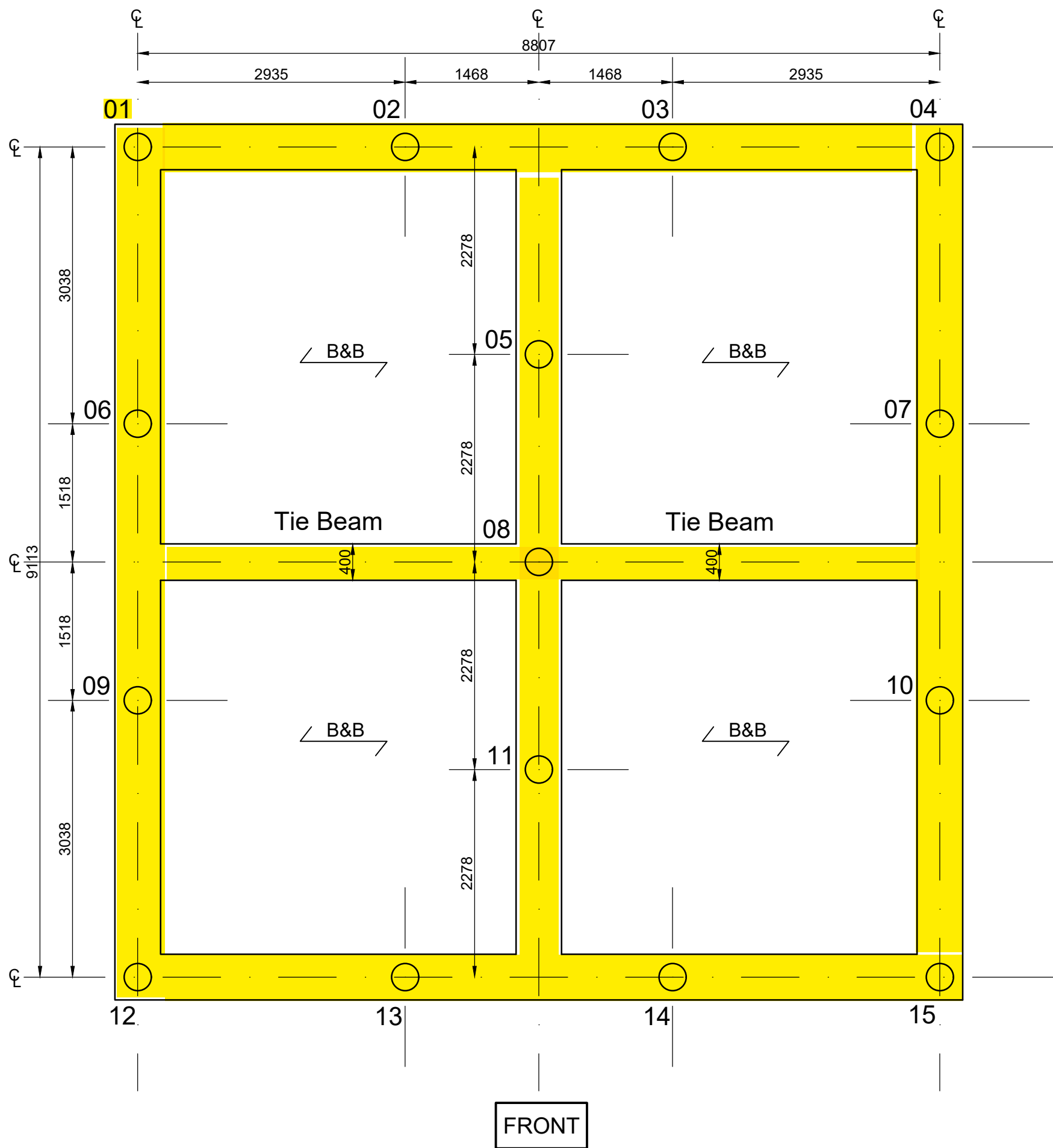
Reinforcement

Cover to reinforcement to be 40mm top and sides and 65mm bottom, unless noted otherwise.

Reinforcement is to comply with BS8666 and all other relevant British standards.

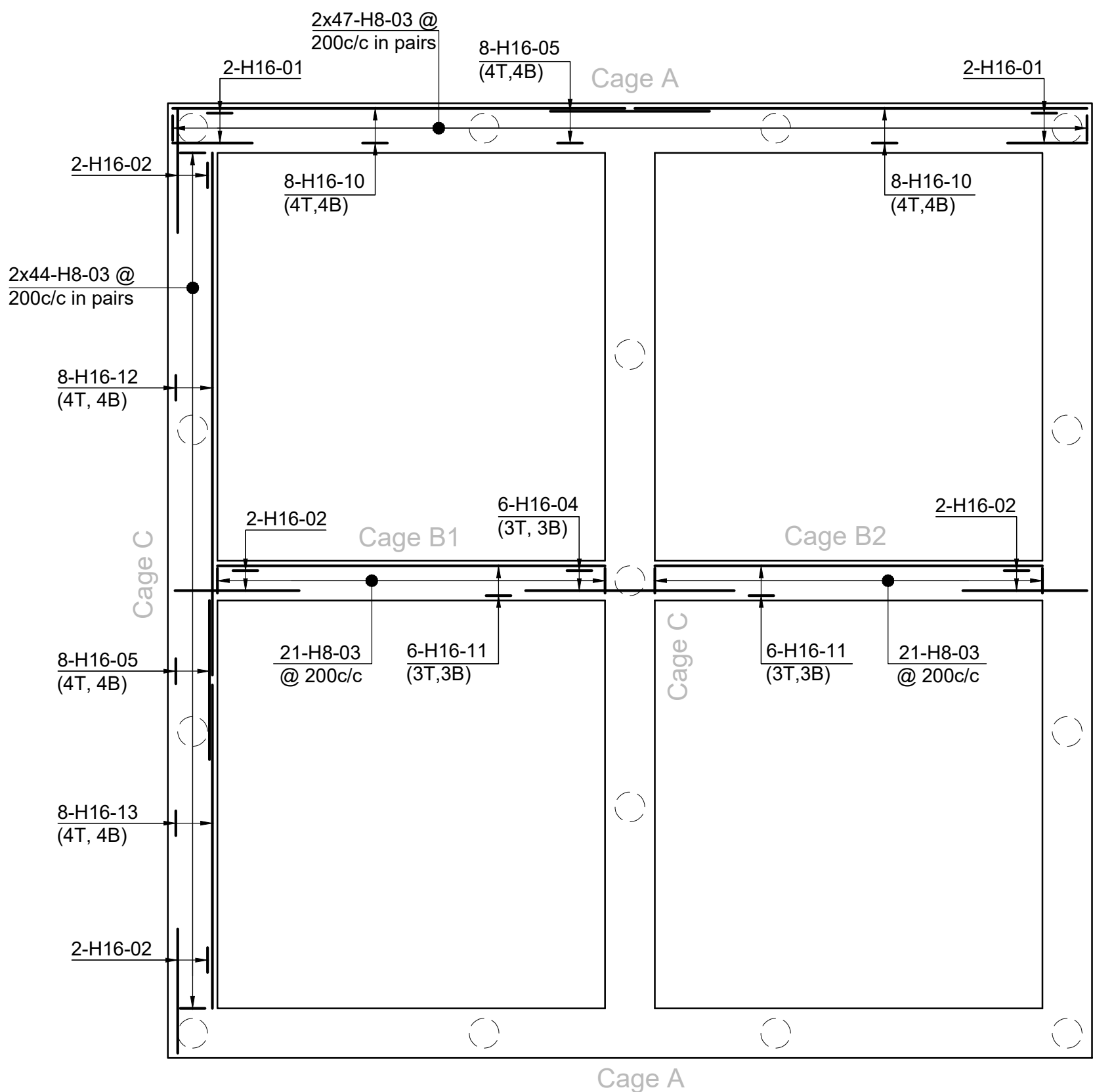
Levels, handing and position of unit type to be confirmed by Miller Homes South Midlands prior to commencement.

Drawing based on the following information:
Miller Homes Ltd
Working Drawings ref: L255 DEL BEAM & EPS
FOUNDATION PLAN Ref: L255104 Rev. C01

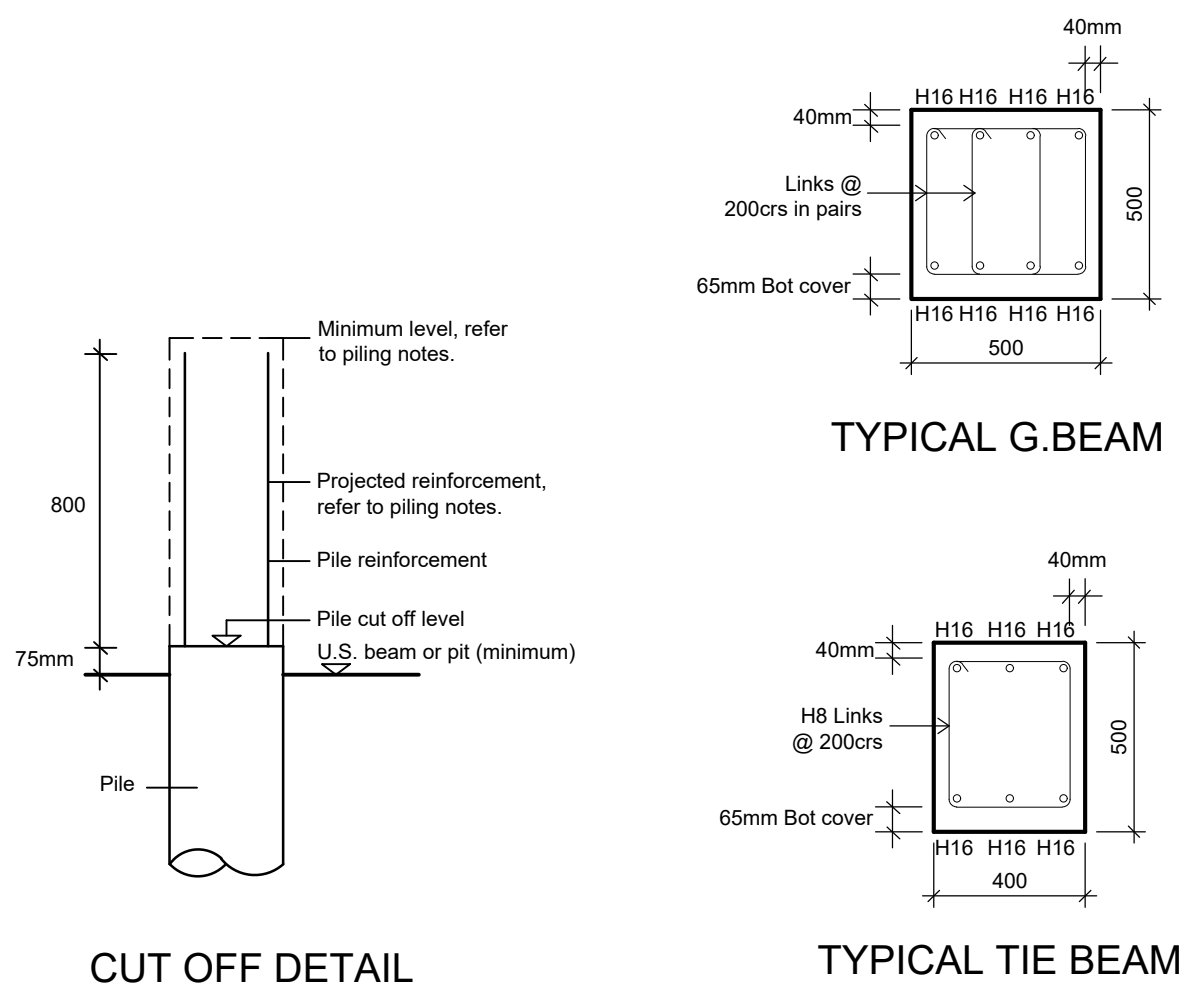


PILE AND GROUND BEAM LAYOUT
PLOTS 108,110
L255 DEL (AS)
PLOTS 107,109
L255 DEL (OPP)

PLOTS 109-110
FFL - 96.100
TOC - 95.275
COL - 94.850
BLINDING - 94.775
DIG - 94.725



REINFORCEMENT DETAILS
PLOTS 108,110
L255 DEL (AS)
PLOTS 107,109
L255 DEL (OPP)



FOR APPROVAL

A	02/12/2025	HH	Updated Plot Numbers	SH	
Suffix	Date	Initials	Revision	FND	SE
				Checked	
CLIENT MILLER HOMES SOUTH MIDLANDS				PROJECT PROPOSED DEVELOPMENT AT LONDON ROAD WOOLMER GREEN	
				TITLE PILE & GROUND BEAM LAYOUT AND REINFORCEMENT DETAILS PLOTS 107-108, 109-110	
Laurus House, First Avenue, Centrum 100 Burton on Trent, Staffs, DE14 2WH Tel: (01283) 551249 www.grm-uk.com				REF P10988 319	REVISION A
DATE 24/09/2025				SCALE 1:50 / 1:20 @ A1	
DRAWN BY CW	CHECKED HH	APPROVED SH		This drawing is copyright: Do not scale from this drawing. All dimensions and sizes to be verified on site and any discrepancies reported to this office before proceeding.	