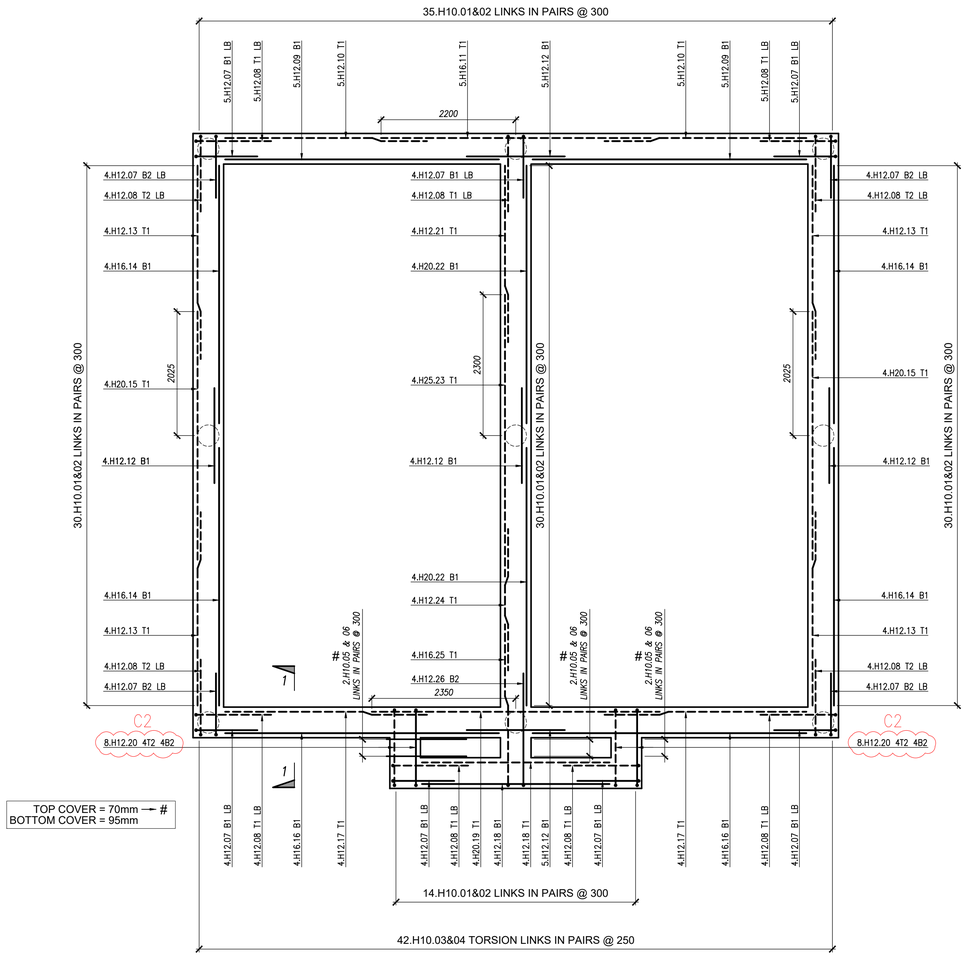


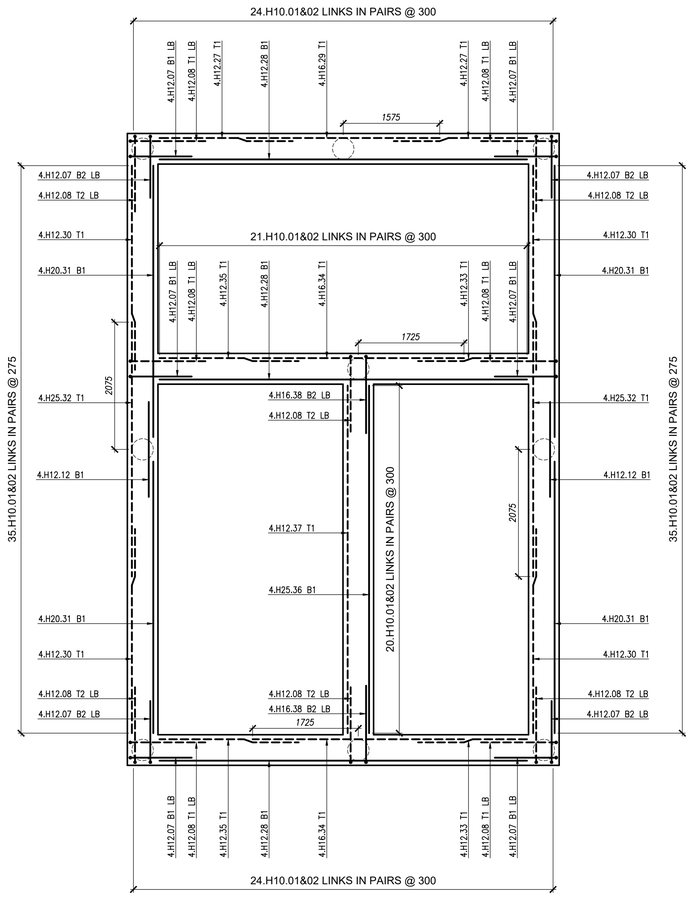
(500W x 500DP)

FOUNDATION PLAN PLOTS 51-52

SCALE 1:50

(PLOTS 74-75, 80-81, 84-85 & 86-87 SIMILAR)

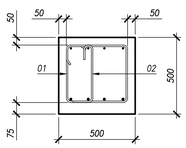
(5 NOS REQ'D)



(500W x 500DP)

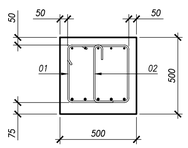
FOUNDATION PLAN PLOT 37

SCALE 1:50



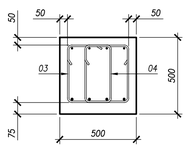
TYPICAL 500 wd. x 500 dp. BEAM 4 BAR ARRANGEMENT

1:20



TYPICAL 500 wd. x 500 dp. BEAM 5 BAR ARRANGEMENT

1:20



SECTION 1–1

1:20

NOTES :

1. DO NOT SCALE, IF IN DOUBT ASK.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEER'S DRAWINGS AND DETAILS, THE SPECIFICATION FOR THE WORKS,THE RELEVANT ARCHITECT'S DRAWINGS AND ANY OTHER SPECIALIST DRAWINGS.
3. CONCRETE GRADE IS TO BE C32/40.
4. MINIMUM COVER TO REINFORCEMENT :
   GROUND BEAM :
   75mm BOTTOM, 50mm TOP
   50mm SIDES
5. MINIMUM LAPS AND ANCHORAGE TO BE (U.N.O)
   LAP:

CLASS CU=32/40	TENSION (LAP)					
BAR DIA (mm)	10	12	16	20	25	32
TOP	570	740	1080	1420	1840	2350
BOTTOM	400	520	760	990	1290	1650

   ANCHORAGE:

CLASS CU=32/40	TENSION (ANCHORAGE)					
BAR DIA (mm)	10	12	16	20	25	32
TOP	380	500	720	950	1230	1570
BOTTOM	270	350	510	660	860	1100

6. FOR DETAILS OF REINFORCEMENT CALLED OFF ON THIS DRAWING SEE BAR BENDING SCHEDULE NO. LN65-332-803. 01 & 02
7. ABBREVIATIONS:-

T1	-	TOP FIRST LAYER
T2	-	TOP SECOND LAYER
B1	-	BOTTOM FIRST LAYER
B2	-	BOTTOM SECOND LAYER
TOC	-	TOP OF CONCRETE
THK	-	THICKNESS
TYP	-	TYPICAL
W	-	WIDTH
DP	-	DEPTH

8. TYPICAL REBAR CALL UP:-

3x10 H20 01-200 T
- NOTES
- SPACING OF BAR
- BAR MARK REFERENCE
- DIA OF BAR
- GRADE OF STEEL
- QUANTITY OF BAR
- MULTIPLES

Revision Details	By / Check	Date	Suffix
No. OF BARS AMENDED AS CLOUDED	AG / TA	24.07.26	C2
CONSTRUCTION ISSUE	AG / TA	17.07.26	C1

Drawing Status: CONSTRUCTION

Client: dandara

Project Name: ASHMERE PHASE 12 & 13
EBBSFLEET

Drawing Title: RC GROUND BEAM DETAILS PLOTS 51-52, 74-75, 80-81, 84-85, 86-87 & 37

Scale at A1	Client Project Number
AS SHOWN	LN65
Drawn: AG	BDC Project Number: 25191
Approved: JD	Date: JULY 2026

This document has been prepared in accordance with the scope of Building Design Consultants' appointment with its client and is subject to the terms of that appointment. Building Design Consultants accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided. Only written dimensions shall be used. © Building Design Consultants Ltd 2024

bdc
Lake View House,
Unit 5B - First Floor,
Lake Meadows Business Park,
Woodbrook Crescent,
Billericay, Essex, CM12 0EQ
Telephone 01277 314 455
www.bdcgroup.co.uk

Drawing Number: LN65-331-803 Rev: C2