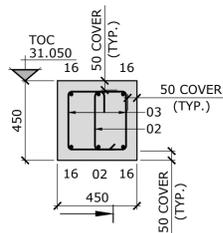


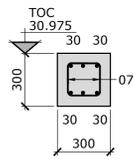
**PLOT 22 GROUND BEAM PLAN**

1:50  
(2 NOS REQ'D)  
(PLOT-16 IS SIMILAR & TOC 31.050)  
ALL GROUND BEAMS ARE 450Wdx450Dp (UNO.) & TOC 31.050



**SECTION 1-1**

1:20



**SECTION 2-2**

1:20

**RC DETAILING**

- This drawing is to be read in conjunction with all relevant Richard Jackson Ltd, Architects & Services Engineers drawings, details and specifications.
- For setting out & dimensions refer to the Architects drawings.
- All work shall be in accordance with the specification and BS 8110 and BS 8007.
- Concrete grade in accordance with BS EN206-1, BS 8500-1 & BS 8500-2 as follows:

Location	Designated concrete	Max. size of agg.	Consistence Class
Blinding	GEN1	20	S3
Ground Beams	RC32/40	20	S3

- Reinforcement to slabs and beams on plans & section is illustrated thus:  
 (T)  
 (B)

6. The type and grade of steel reinforcement shall be designated as follows:

Type of steel reinforcement*	Notation
For diameters < 12mm, grade B500A, Grade B500B or Grade B500C conforming to BS 4449:2005	H
For diameters > 12mm, grade B500B or Grade 500C conforming to BS 4449:2005	A
Grade B500A conforming to BS 4449:2005	B
Grade B500B or Grade B500C conforming to BS 4449:2005	C
Grade B500C conforming to BS 4449:2005	S
A specified grade and type of ribbed stainless steel conforming to BS 6744:2001	X

NOTE 1 : In the Grade description B500A, etc., "B" indicates reinforcing steel.  
 NOTE 2 : Within the ranges given, the grades(s) supplied for notations H and B are at the suppliers discretion.

- Fabric reinforcement to BS 4483:2005. Main bars to be placed outermost in the direction indicated thus:  
 (B) ← ● → (T)

- Cover to all reinforcement to be as follows unless noted otherwise:  
 Top & sides = 50mm, Bottom = 50mm.
- Refer to bar bending schedules No.'s LN41-RJL-00-FN-SH-S-8003 Sheet 01 To 03

**20H12-21-200 T & B ABR**

No. off	Location	Comment
Steel Type*	T = Top	ALT = Alternate
Size of bar	B = Bottom	ABR = Alternate Bars Reversed
Bar Reference	NF = Near Face	ASR = Alternate Sats Reversed
Bar Centres	FF = Far Face	STAGG = Staggered
	EF = Each Face	

- Minimum lap & anchorage lengths to be as follows unless noted otherwise:

**LAP LENGTH:-**

BAR DIA (mm)	8	10	12	16	20	25	32
BOTTOM	300	400	525	775	1000	1300	1650
TOP	425	575	750	1100	1425	1850	2350

**ANCHORAGE LENGTH:-**

BAR DIA (mm)	8	10	12	16	20	25	32
BOTTOM	275	350	425	550	700	875	1100
TOP	400	500	600	800	1000	1250	1575

- ABBREVIATIONS**
- T1 : TOP FIRST LAYER
  - T2 : TOP SECOND LAYER
  - B1 : BOTTOM FIRST LAYER
  - B2 : BOTTOM SECOND LAYER
  - Wd : WIDTH
  - DP : DEPTH
  - TYP : TYPICAL
  - TOC : TOP OF CONCRETE
  - UNO : UNLESS NOTED OTHERWISE

REV	DATE	DESCRIPTION	DRAWN	CHKD
C01	28.07.25	CONSTRUCTION ISSUE	SRN	MDH

**REVISIONS**  
 This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project  
**COURT LANE NURSERIES,  
 HADLOW, KENT**

Title  
**PLOT 22 & 16  
 RC DETAILS OF GROUND BEAM**

Client  
**dandara**

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Scale	1:50 @ A1	Drawn	SRN	Date	JULY 2025	RJL Project No	62926
Project Manager	L. GREENAWAY	Checked	MDH	Approved	PC	Security Code	ST4
Status	A4	Suitability Description AUTHORISED & ACCEPTED (CONSTRUCTION)					
Drawing Number	LN41	RJL	00	FN	DR	S	8003
Revision							C01