

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

NOTES:

- This drawing is to be read in conjunction with all relevant architect's & engineering drawings.
- Concrete grade to be C28/35.
- Cover to reinforcement (u.n.o) :-

Beams :- All side :50mm
- Reinforcement is listed on bar bending schedule
BBS_134215-RSK-ZZ-00-SH-S-1203.

5. Abbreviation

T	: Top	ALT.	: Alternate bars
B	: Bottom	STG.	: Staggered
TOB	: Top Of Beam	ADD'l	: Additional
TOC	: Top Of Concrete	TOC	: Top of Concrete
SSL	: Structural Slab Level	TOW	: Top of Wall
SF	: Side Face	NF	: Near Face
EF	: Each Face	FF	: Far Face
ML	: Match Line	R/F	: Reinforcement

- Minimum laps to reinforcements to be
As Per EC-2, Compression lap:51 x bar dia

LAP LENGTH	
GOOD BOND	POOR BOND
H10 - 400mm	H10 - 570mm
H12 - 520mm	H12 - 740mm
H16 - 760mm	H16 - 1080mm
H20 - 990mm	H20 - 1420mm
H25 - 1290mm	H25 - 1840mm
H32 - 1650mm	H32 - 2350mm

Typical Rebar Call Up

3X10 H20 01-100 B

- Notes
- Spacing of bar
 - Bar mark reference
 - Dia of bar
 - Grade of steel
 - Quantity of bar
 - Multiples

C3	11.05.23	Revised Where Clouded	MKM	SSP	KM
C2	14.04.23	Revised Where Clouded	MKM	SSP	KM
C1	18.04.22	Issued For Construction	MKM	SSP	KM
Rev.	Date	Amendment	Drawn	Chkd.	Appd.

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Client

Bellway

Project Title

**WHITTINGTON WAY,
PARCEL B**

Drawing Title

**RC DETAIL OF GROUND BEAMS
PLOTS 284, 285, 303-304**

Drawn	Date	Checked	Date	Approved	Date
MKM	Apr 2022	SSP	Apr 2022	KM	Apr 2022
Scale	1:50 & 1:20	Orig Size	A1	Dimensions	mm

Project No.

134215

Drawing No.

134215-RSK-ZZ-00-DR-S-1203

Rev.

C3

Drawing File

134215-RSK-ZZ-00-DR-S-1203.dwg

