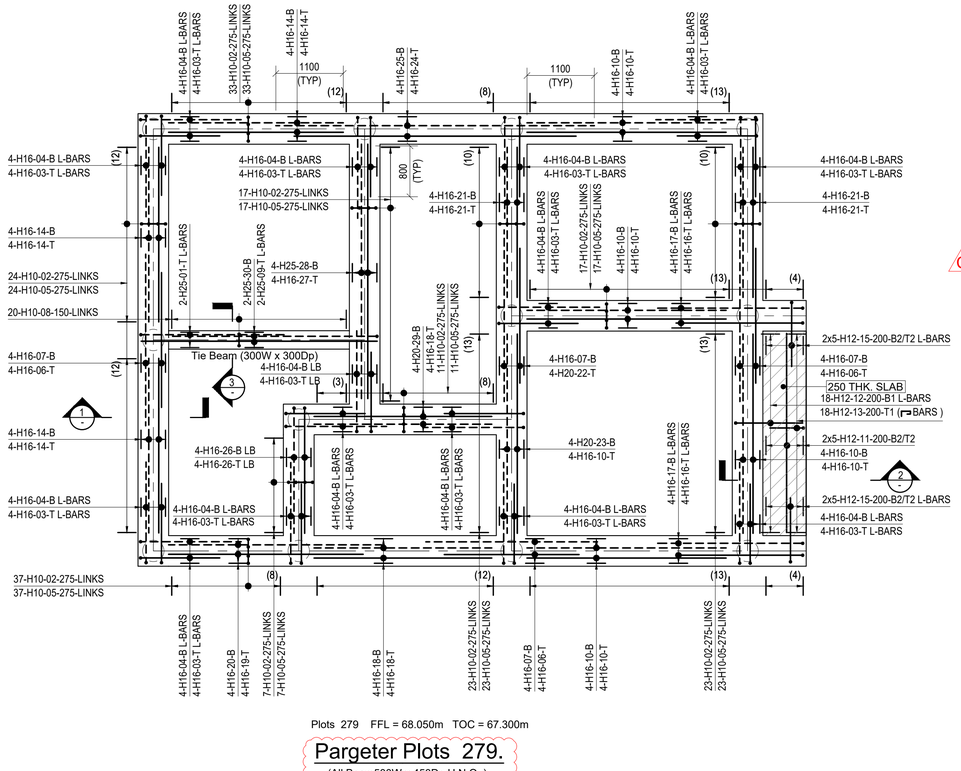
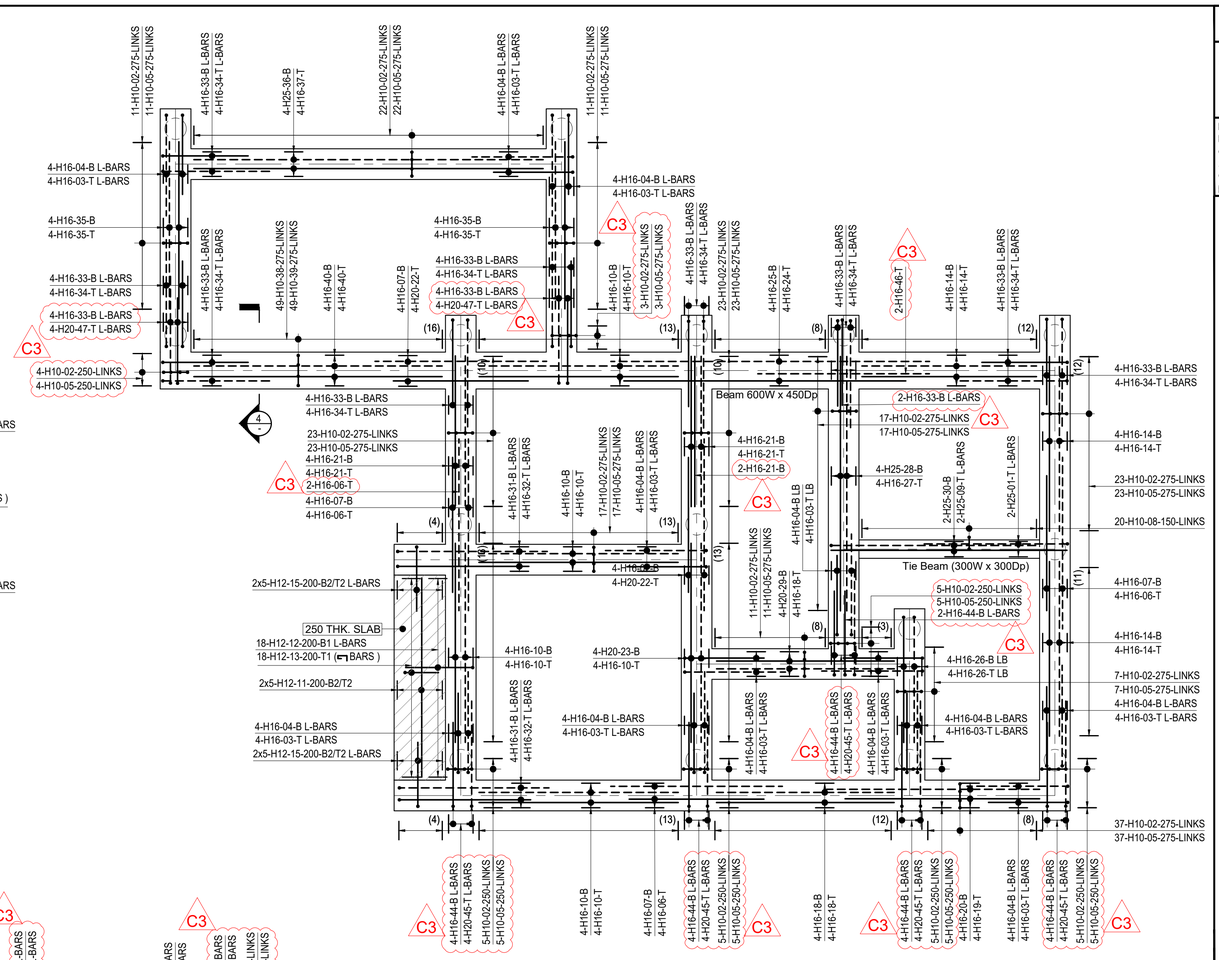


Plots 279 FFL = 68.050m TOC = 67.300m

Pargeter Plots 279.

(All Beam500W x 450Dp U.N.O.)

Scale 1:50

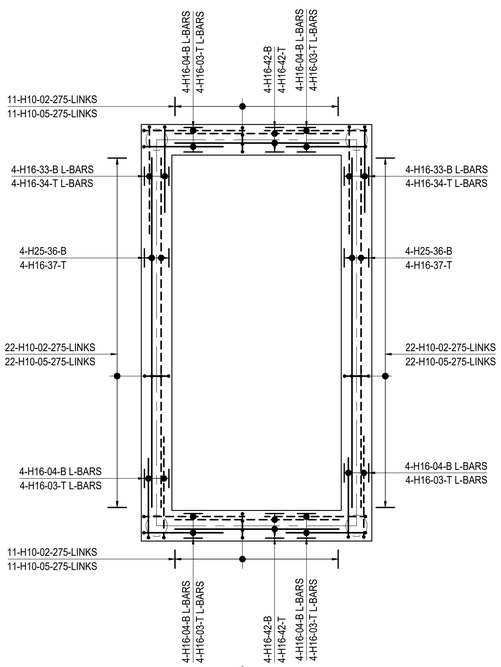


Plots 296 FFL = 68.950m TOC = 68.200m

Pargeter Type-1 Plots 296.

(All Beam500W x 450Dp U.N.O.)

Scale 1:50

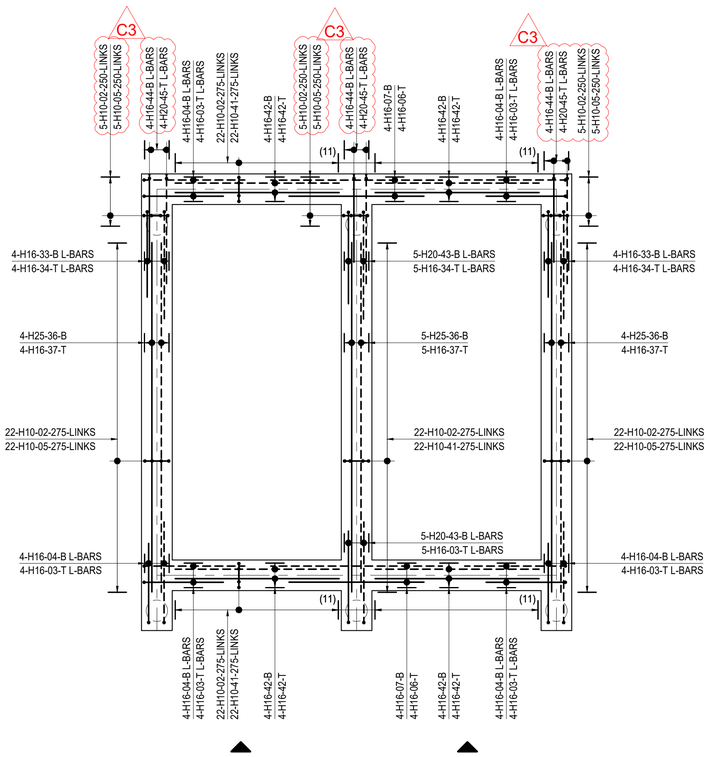


Plot 286 FFL= 66.250 TOC = 65.500

Single Garage Pile Foundation Plot 286.

(All Beam500W x 450Dp U.N.O.)

Scale 1:50



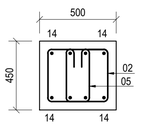
Plots 275 FFL = 67.700m TOC = 66.950m

Plots 276 FFL = 67.700m TOC = 66.950m

Double Garage Pile Foundation Plots 275-276.

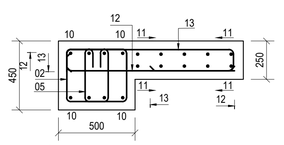
(All Beam500W x 450Dp U.N.O.)

Scale 1:50



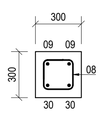
Section 1-1

Scale 1:20



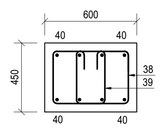
Section 2-2

Scale 1:20



Section 3-3

Scale 1:20



Section 4-4

Scale 1:20

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:

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

   Beams :- All side :50mm
4. Reinforcement is listed on bar bending schedule BBS_134215-RSK-ZZ-00-SH-S-1200.

5. Abbreviation

T	:	Top	ALT.	:	Alternate bars
B	:	Bottom	STG.	:	Staggered
TOB	:	Top Of Beam	ADD'I	:	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

6. 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

- B — Multiples
- 3X — Quantity of bar
- 10 — Grade of steel
- H — Dia of bar
- 20 — Bar mark reference
- 01 — Spacing of bar
- 100 — Notes

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
C3	17.05.23	Revised Where Clouded	MKM	SSP	KM
C2	30.05.22	Revised Where Clouded	MKM	SSP	KM
C1	06.04.22	Issued For Construction	MKM	SSP	KM

RSK LAND & DEVELOPMENT ENGINEERING LTD
bsi. BIM Verified Design & Construction Capital/Delivery ISO 19650-1 and -2
18 Frogmore Road
Hemel Hempstead
Hertfordshire
HP3 9RT
United Kingdom
Tel: +44 (0) 1442 437500
Email: info@rsk.co.uk
Web: www.rsk.co.uk

Client: Bellway

Project Title: WHITTINGTON WAY, PARCEL B

Drawing Title: RC DETAIL OF GROUND BEAMS Plots- 268, 279, 296 Garage Plot- 286, 275-276.

Drawn	Date	Checked	Date	Approved	Date
MKM	Apr 2022	SSP	Apr 2022	KM	Apr 2022

Scale	Orig Size	Dimensions
1:50 & 1:20	A1	mm

Project No.: 134215

Drawing No.: 134215-RSK-ZZ-00-DR-S-1200 Rev.: C3

Drawing File: 134215-RSK-ZZ-00-DR-S-1200.dwg