



CREATIVE DESIGN
&
STRUCTURE LTD

Consulting Structural Engineers

Unit 1, Ground Floor
Henson House, Newtown Road
Henley-on-Thames, RG9 1HG
01491 411922

Project

2 RUSSET CLADE
GIMMER CLADE

Job Ref. 09025

Sheet no./rev.

SK 1

Calculation by

AB

Date

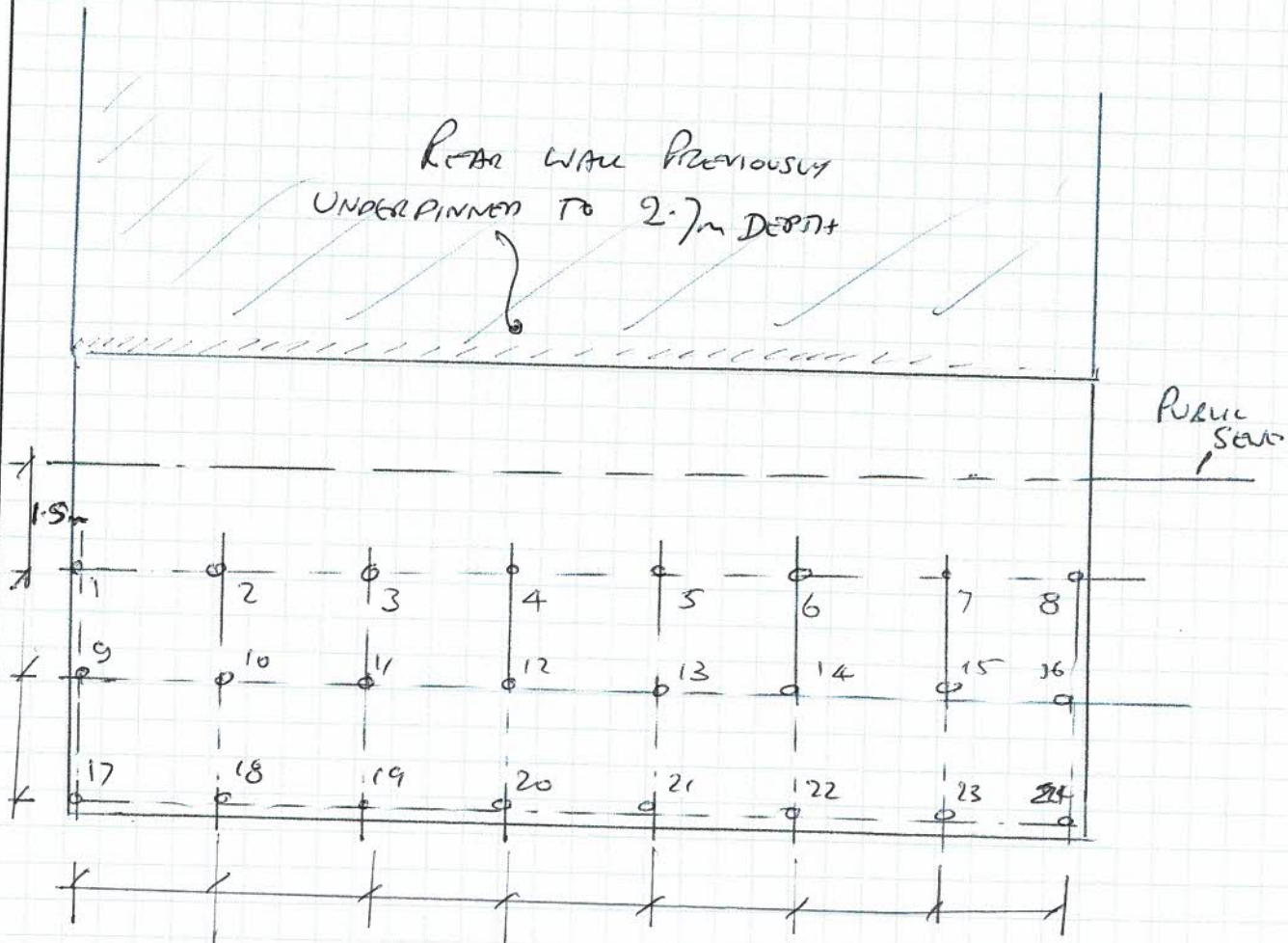
May
2025

Checked by

Date

App'd by

Date



24 NO AUGERED PILES

200mm ϕ

PROVISIONAL DEPTH 8m

SLEEVE TOP 3m

SWL 65 kN.

PILE
LAYOUT

PILE LAYOUT



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Project

2 Russet GARDEN
COMMON GARDEN

Job Ref.

09025

Sheet no./rev.

SK 2

Calculation by

AB

Date

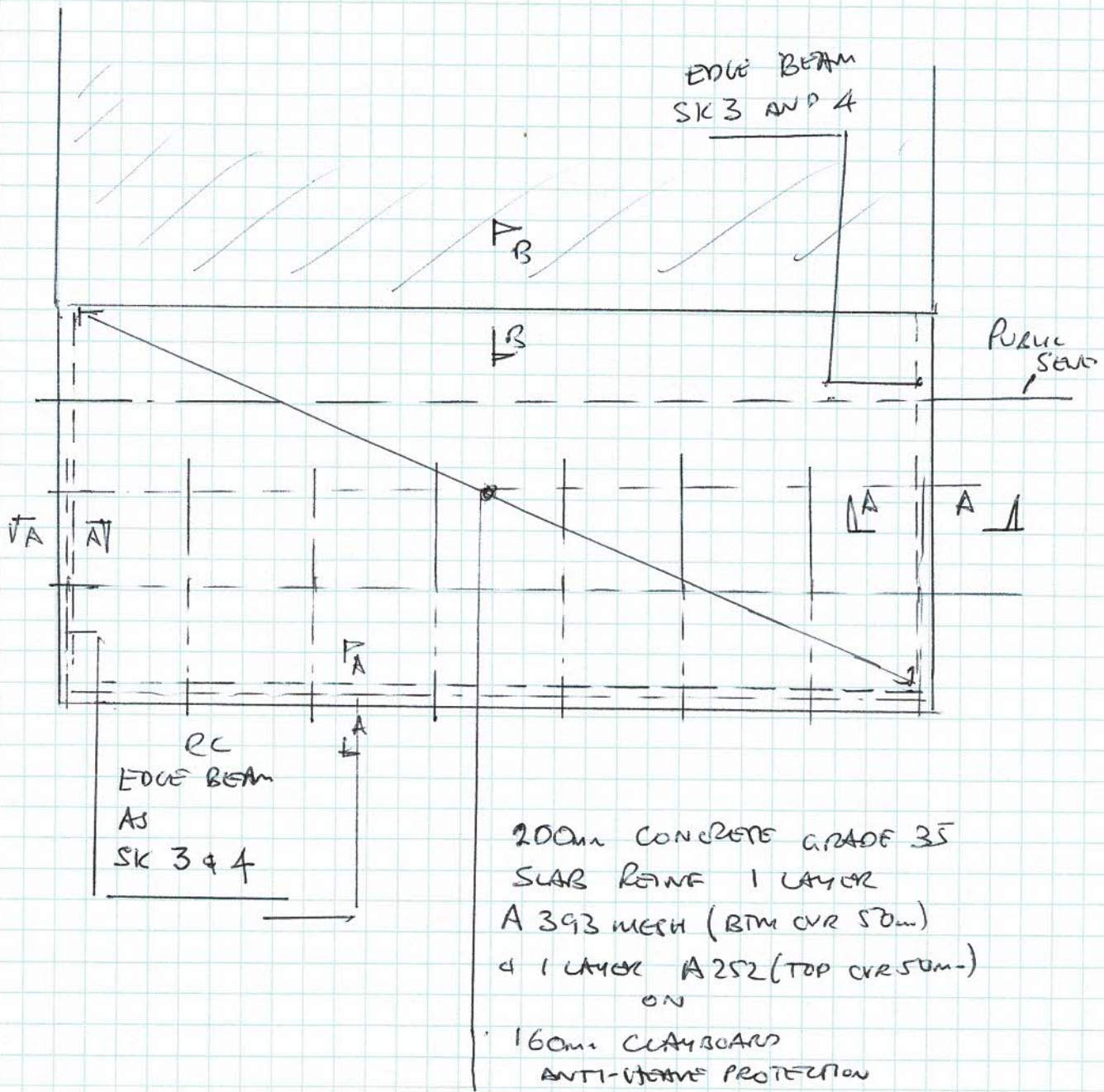
May
2025

Checked by

Date

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Date





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Unit 1, Ground Floor
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Project

2 Russet Glaze
Summer Green

Job Ref.

09025

Sheet no./rev.

SK 3

Calculation by

AR

Date

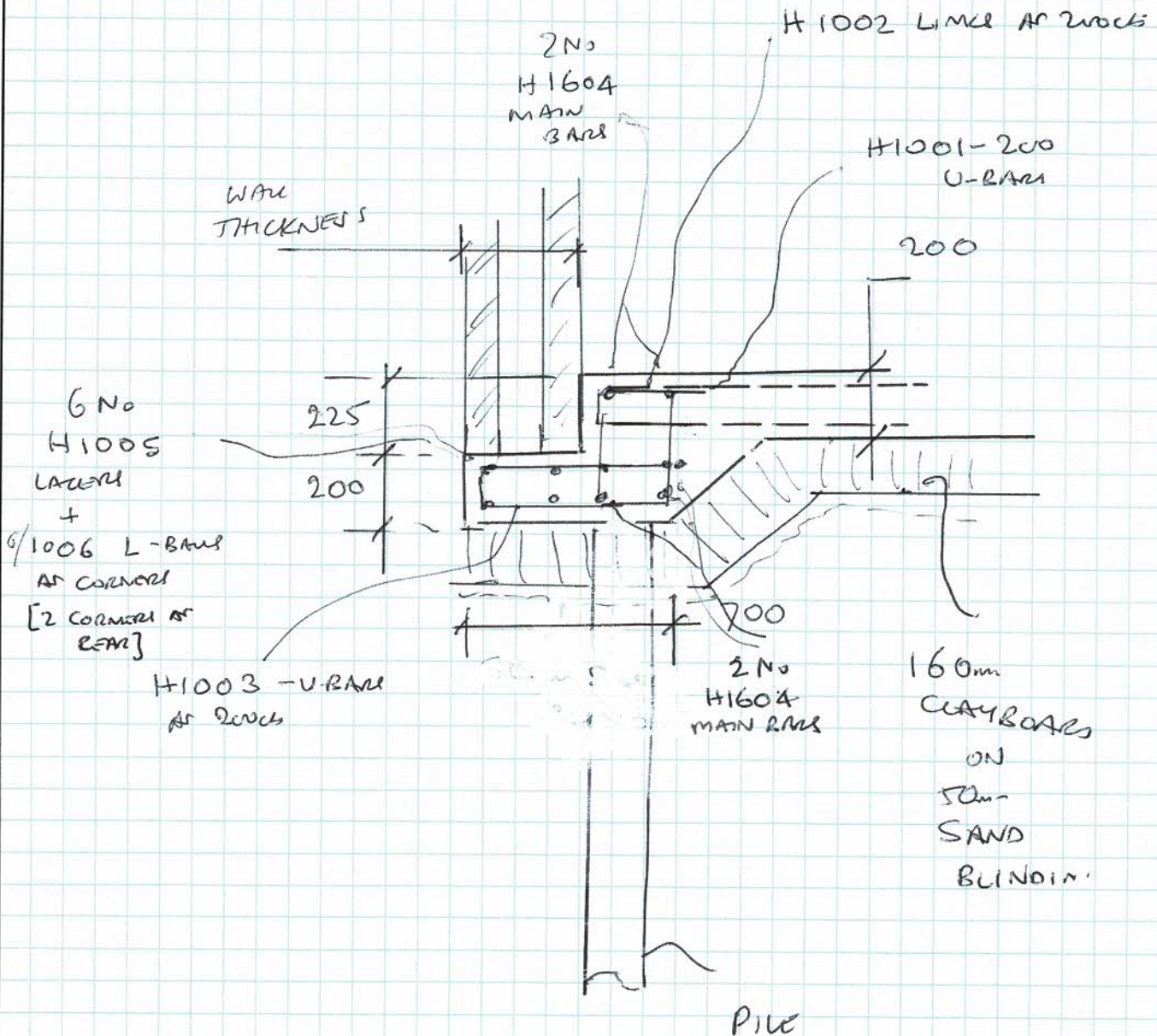
May
2025

Checked by

Date

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Date



SECTION A-A



CREATIVE DESIGN
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Unit 1, Ground Floor
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01491 411922

Project

2 RUSSET GRADE
EMMER GREEN

Job Ref. 09025

Sheet no./rev.

SK 4

Calculation by

AB

Date

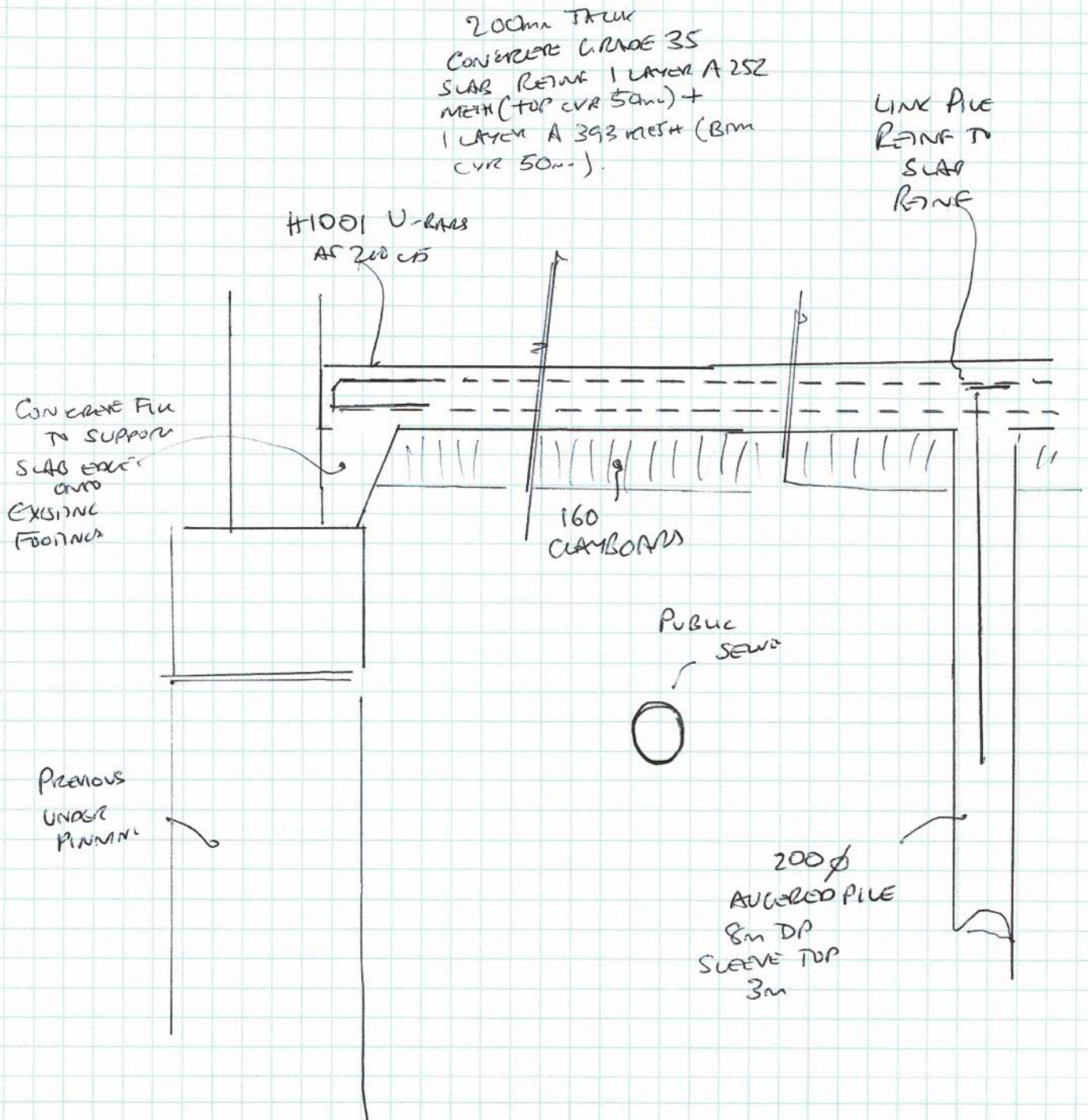
May
2025

Checked by

Date

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Date



SECTION B-B



**CREATIVE DESIGN
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Unit 1, Ground Floor
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01491 411922

Project

2 Russet Close
Emminger Green

Job Ref.

09025

Sheet no./rev.

SK5

Calculation by

AB

Date

May
2025

Checked by

Date

App'd by

Date

HEALTH & SAFETY [FOUNDATIONS]

COMMITTEE TO COMPLY WITH THE CDM
REGULATIONS 2015 AS PRINCIPAL COMMITTEE
AND PRINCIPAL DESIGNER.

COMMITTEE TO ADDRESS THE FOLLOWING RISKS:
MANUAL HANDLING

Piling Equipment
Concrete
Reinforcement
Excavated material

Clayboard
Formwork

Access - House is Occupied

CUTTING OF SERVICES

FALL



CREATIVE DESIGN

- 8
STRUCTURE LTD

- High Yield

Job No.

09025

Date

MAY 2025

Job: 2 RUSSET CLADE, EMMA C. REEN

Drg.

Sched.

Rev.

Location: FLOOR SLAB / FTG

Bar Schedule Ref.

09025

01

Member (mbr)	Bar Mark	Type & Size	No. of Mbrs	No. in each	Total No.	Length of bar		Shape Code	A		B		C		D		E/R	
						m	mm		m	mm	m	mm	m	mm	m	mm	m	mm
H1001	01	H10			200	1	300	21	-	600	-	100						
H1002	02	H10			130	1	400	51	-	250	-	325						
H1003	03	H10			130	1	260	21	-	600	-	100						
H1004	04	H16			20	6	000	00	6	000								CUT TO SUIT ON SITE *
H1005	05	H10			30	6	000	00	6	000								CUT TO SUIT ON SITE **
H1006	06	H10			12	2	400	11	1	200								

* 650mm LAPS

** 400mm LAP

9 NO SHEETS A252 MESH [4.8m x 2.4m]

+

9 NO SHEETS A393 MESH [4.8m x 2.4m]

[MIN MESH LAP 400mm]

CONTRACTOR TO PROVIDE & FIX SUFFICIENT
CHAIRS AND SPACERS TO ACHIEVE AND
MAINTAIN THE SPECIFIED COVER TO
REINFORCEMENT (50mm ALL ROUNDS)

PILE REINFORCEMENT BY PILING CONTRACTOR

For shape code & bending details See B.S.8666

The bar mk. incorporates the bar size thus: mk 620 is a 6mm bar mk 1618 is a 16mm bar

① EXCLUDING MESH
4 PILE REINF

Size. mm.	6	8	10	12	16	20	25	32	40	TOTAL
Total. metres			814.6		120					
Weight. Kg/m	.222	.395	.616	.888	1.579	2.466	3.854	6.313	9.864	
Total. Kg			666		189					

855

②