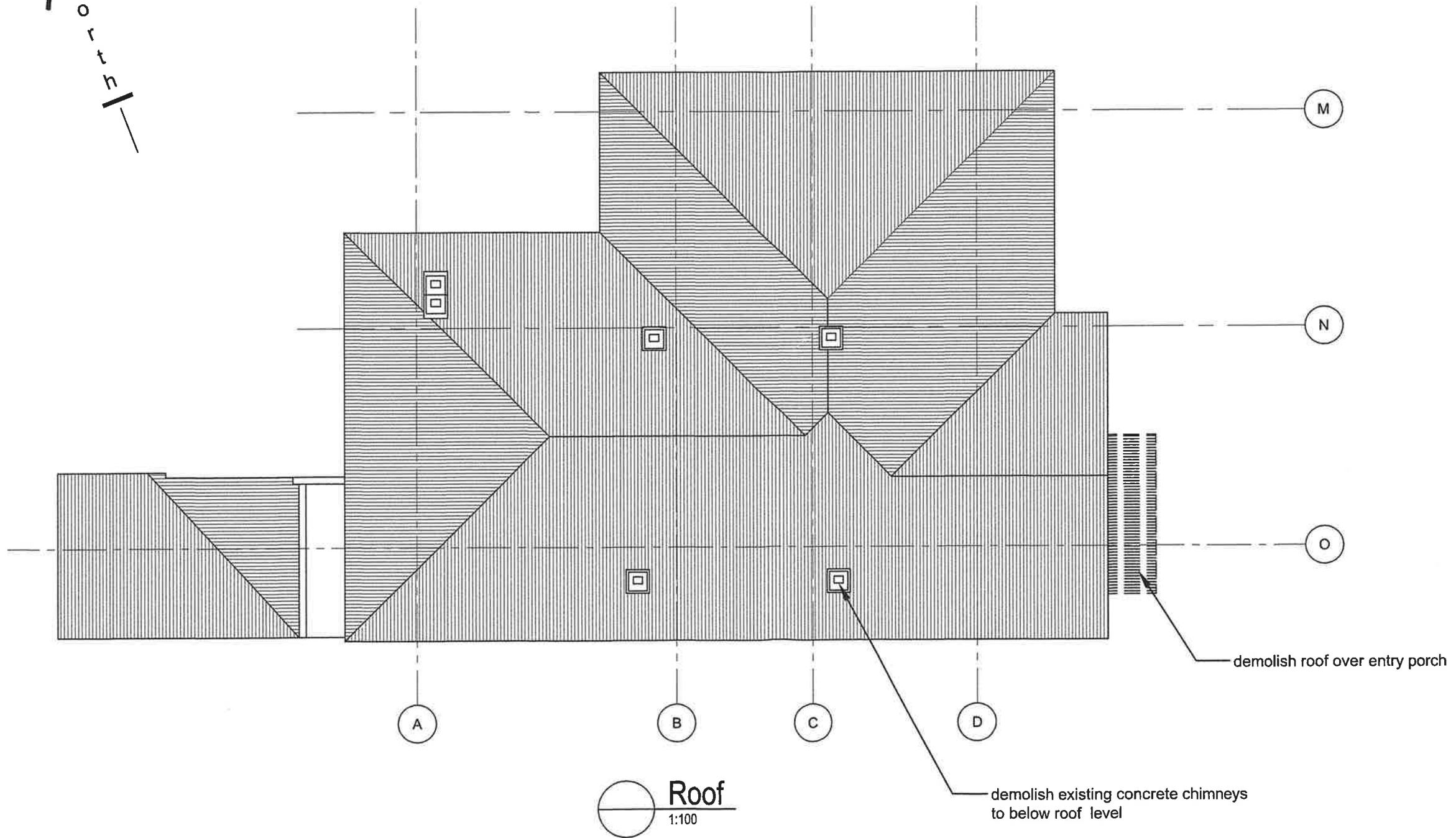


North



C	for Review	23-08-13
B	for Building Consent	14-09-12
A	for Building Consent	23-03-12
No.	REVISION	DATE

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JOB No. 210263

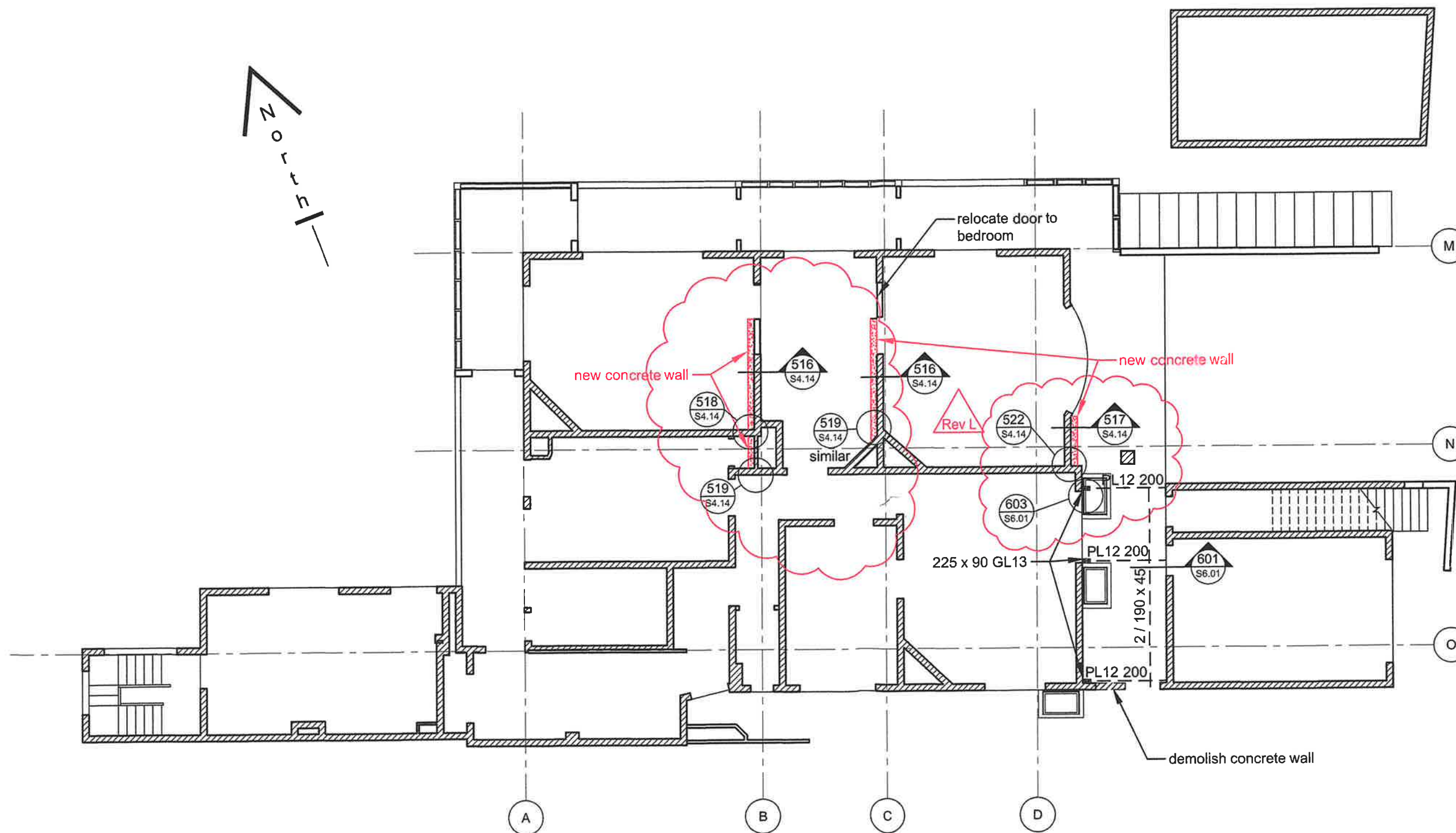
JOB TITLE
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Roof

DESIGN	RLM	DRAWN ERY
CHECKED	ALS	ORIGINAL SIZE A3

SHEET No. S3.06 rev C

Do not scale from drawing. Check all dimensions on site
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4th Floor - Flat A - Ground Floor
1:100

L	for Construction	23-10-13
K	for Pricing	25-09-13
J	for Review	23-08-13
I	for Construction	14-08-13
H	for Review	19-06-13
G	for Construction	22-02-13
F	for BC Amendment	10-12-12
E	for Building Consent	14-09-12
D	for Building Consent	23-03-12
C	for Pricing	30-08-11
B	for Pricing	09-08-11
A	for Pricing	11-05-11
No.	REVISION	DATE

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JOB No. 210263

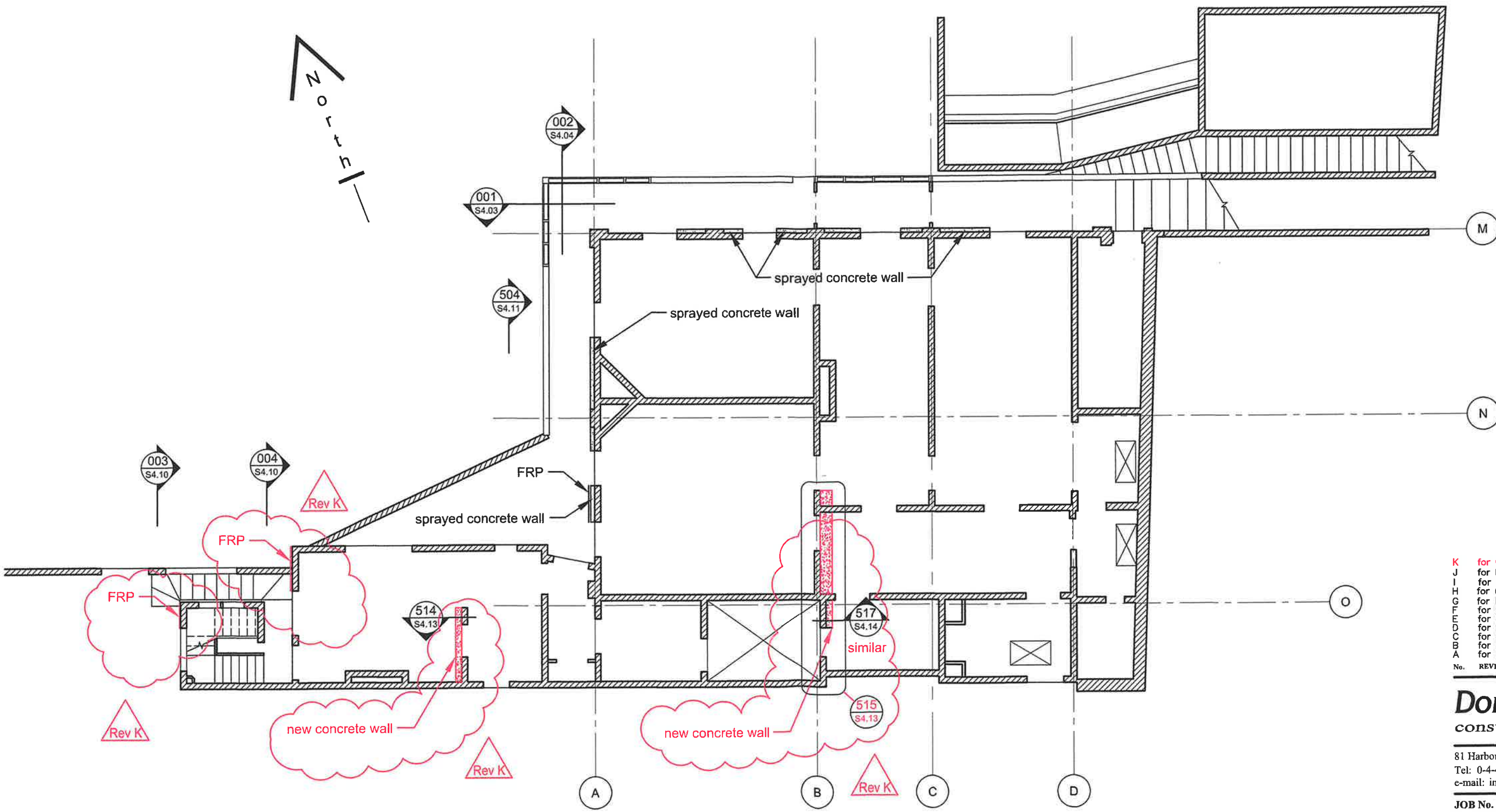
JOB TITLE
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
4th Floor - Flat A - Ground Floor

DESIGN	RLW	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3

SHEET No. S3.04 rev L

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3rd Floor - Flat B&C - Basement
1:100
67% Scheme

K	for Code Compliance	23-10-13
J	for Pricing	25-09-13
I	for Review	19-06-13
H	for Construction	28-03-13
G	for Review	27-02-13
F	for Construction	22-02-13
E	for Building Consent	14-09-12
D	for Building Consent	23-03-12
C	for Pricing	30-08-11
B	for Pricing	31-05-11
A	for Pricing	11-05-11
No.	REVISION	DATE

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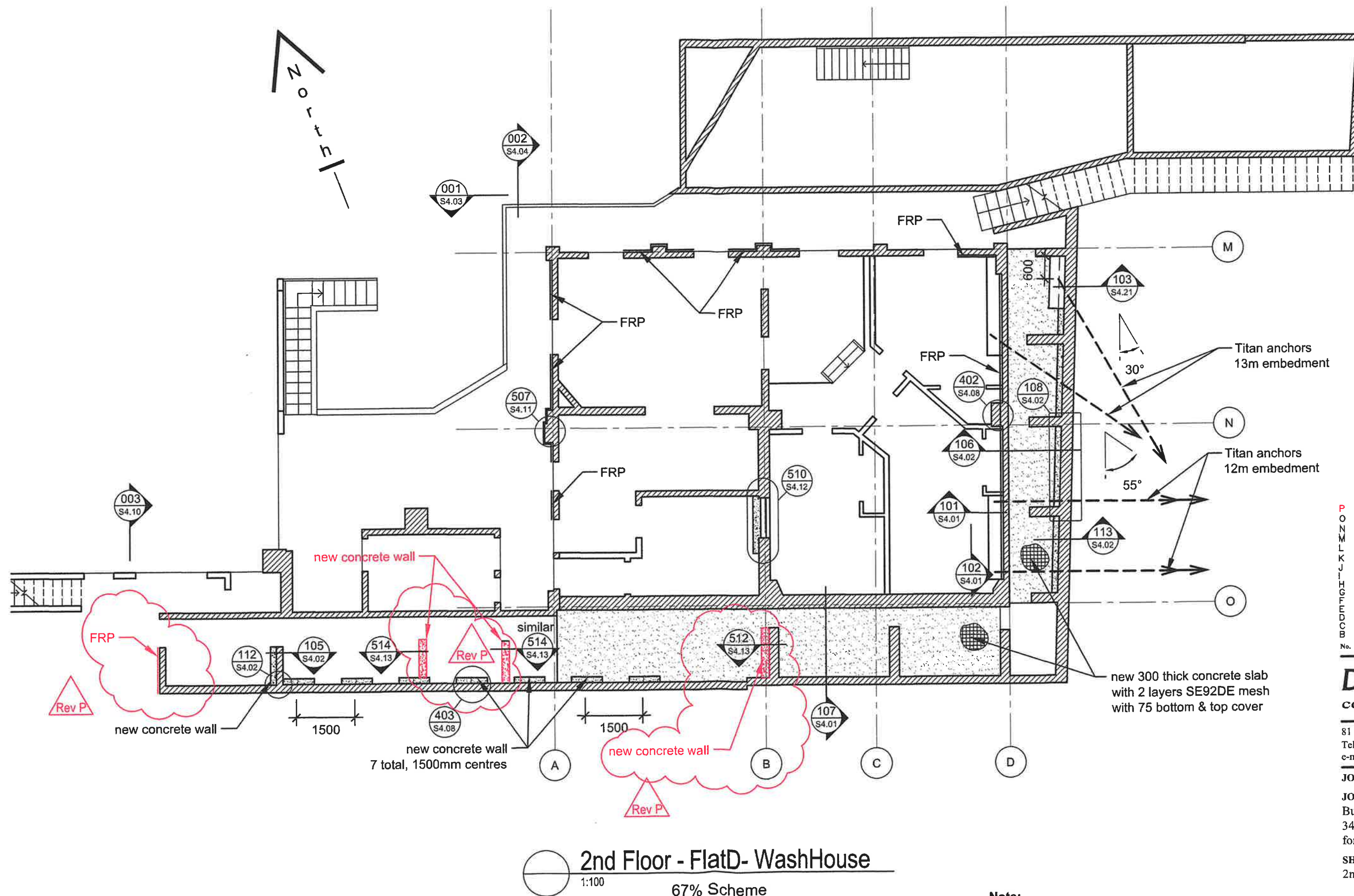
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Tel: 0-4-475 7933 Fax: 0-4-475 8414
e-mail: info@donthomson.co.nz

JOB No. 210263
JOB TITLE
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd
SHEET TITLE
3rd Floor - Flat B&C - Basement

DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3

SHEET No. S3.03 rev K

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P	for Code Compliance	23-10-13
O	for Pricing	25-09-13
N	for Review	19-06-13
M	for Construction	12-06-13
L	for Construction	21-05-13
K	for Construction	24-04-13
J	for Pricing	10-04-13
i	for Construction	28-03-13
H	for Construction	22-02-13
G	for BC Amendment	10-12-12
F	for Building Consent	14-09-12
E	for Building Consent	26-03-12
D	for Pricing	22-12-11
C	for Pricing	30-08-11
B	for Pricing	31-05-11
No.	REVISION	DATE

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JOB No. 210263

JOB TITLE
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

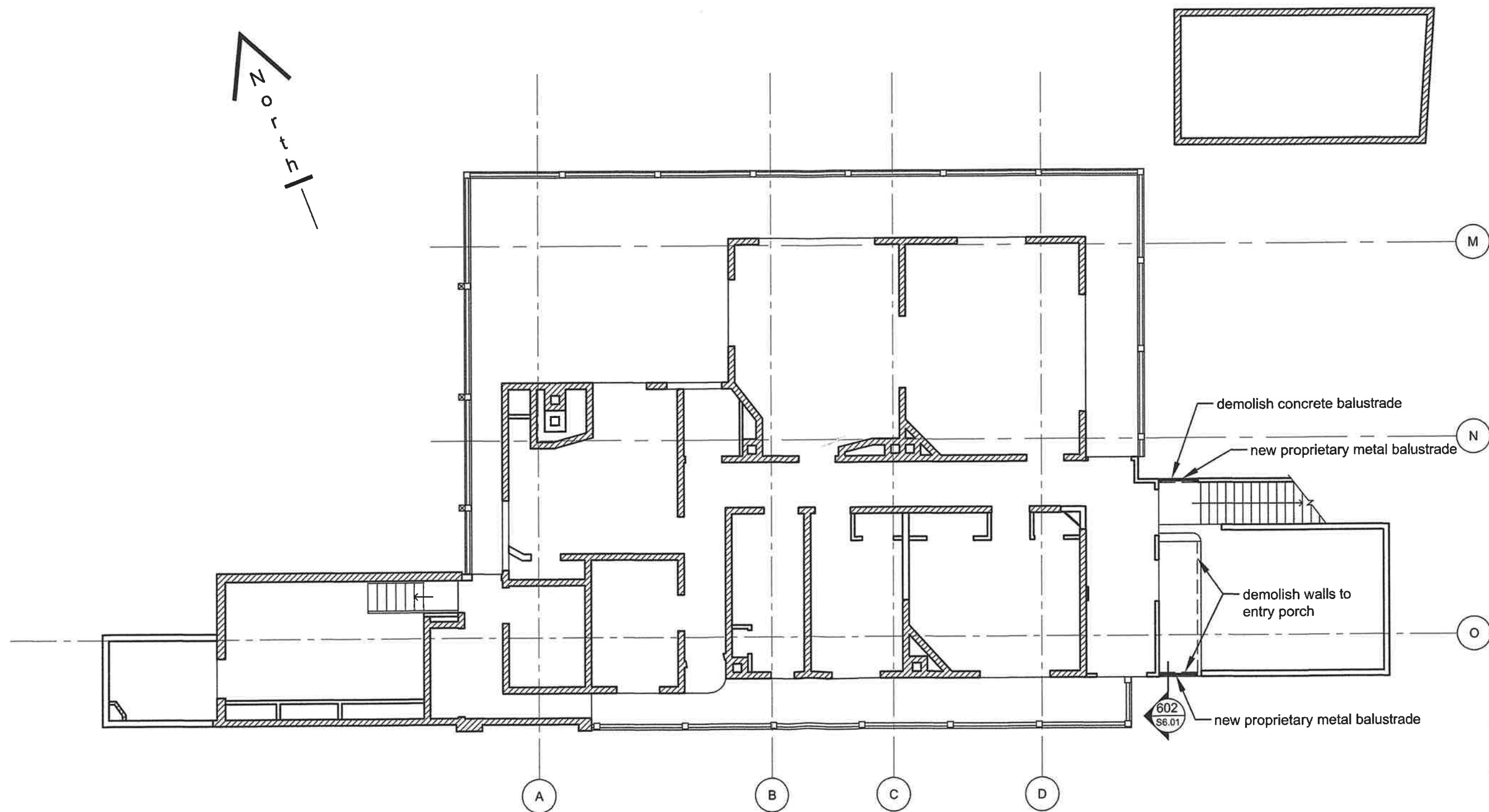
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2nd Floor - Flat D - WashHouse

DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3

SHEET No. S3.02 rev P

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Note:
See detail 111 on sheet S4.01 for test anchor



5th Floor - Flat 34
1:100

C B A No.	for Review	23-08-13
	for Building Consent	14-09-12
	for Building Consent	23-03-12
	REVISION	DATE

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JOB No. 210263

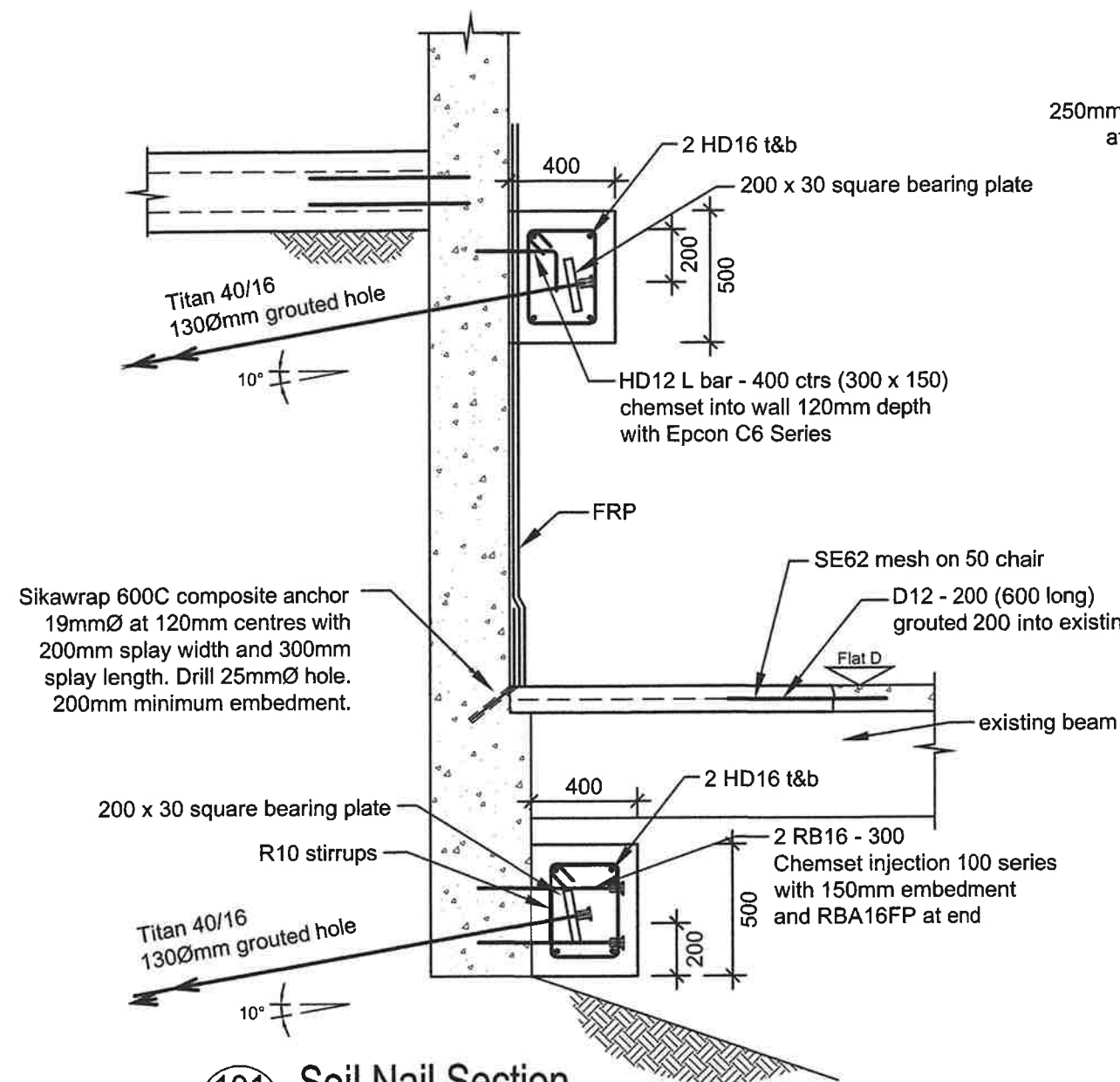
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Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
5th Floor - Flat 34

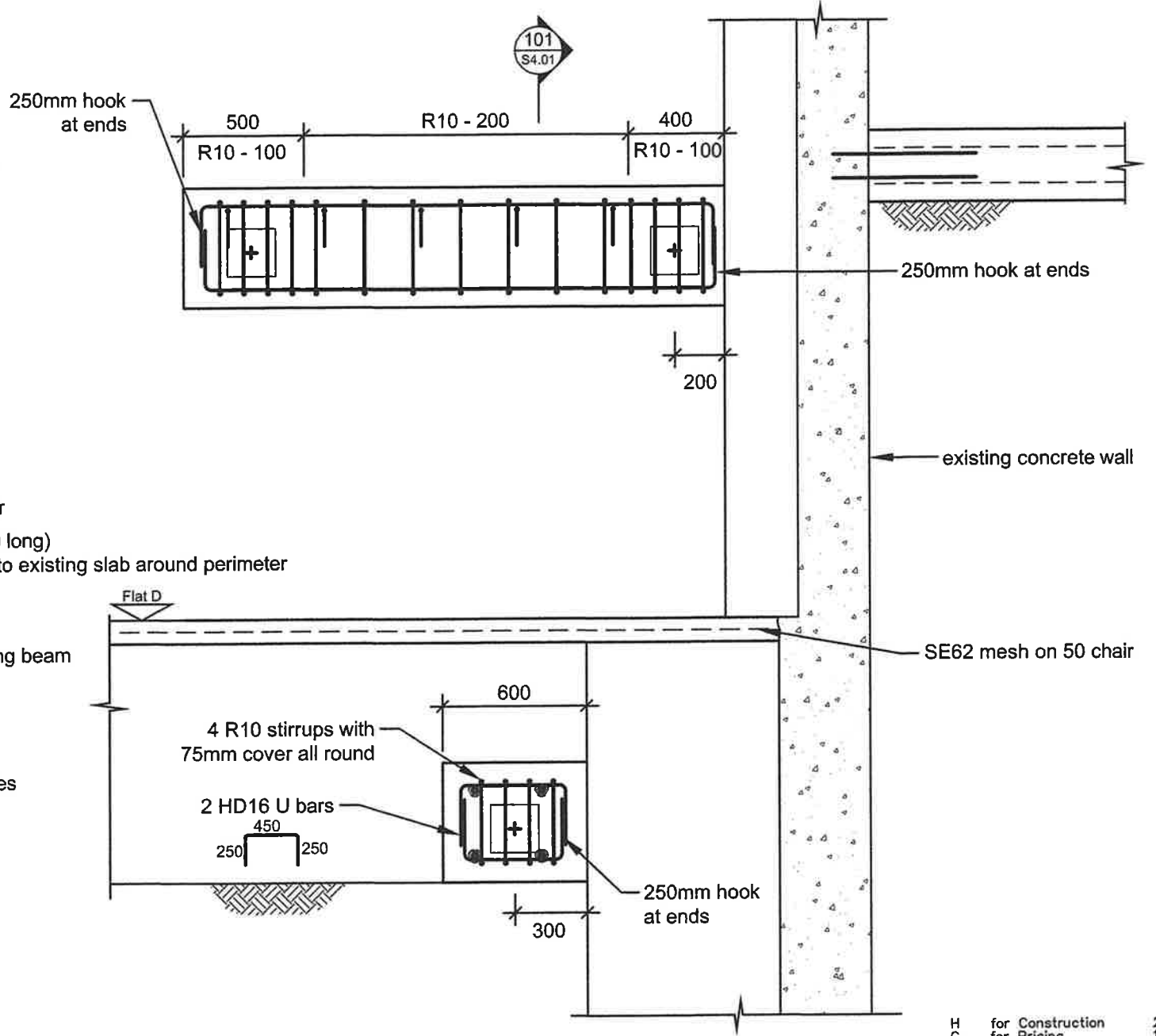
DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3

SHEET No. S3.05 rev C

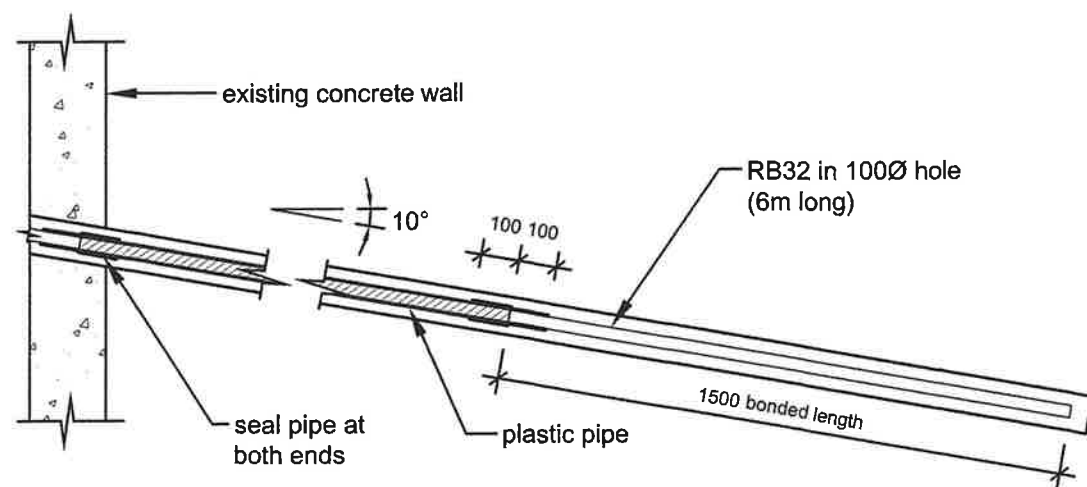
Do not scale from drawing. Check all dimensions on site.
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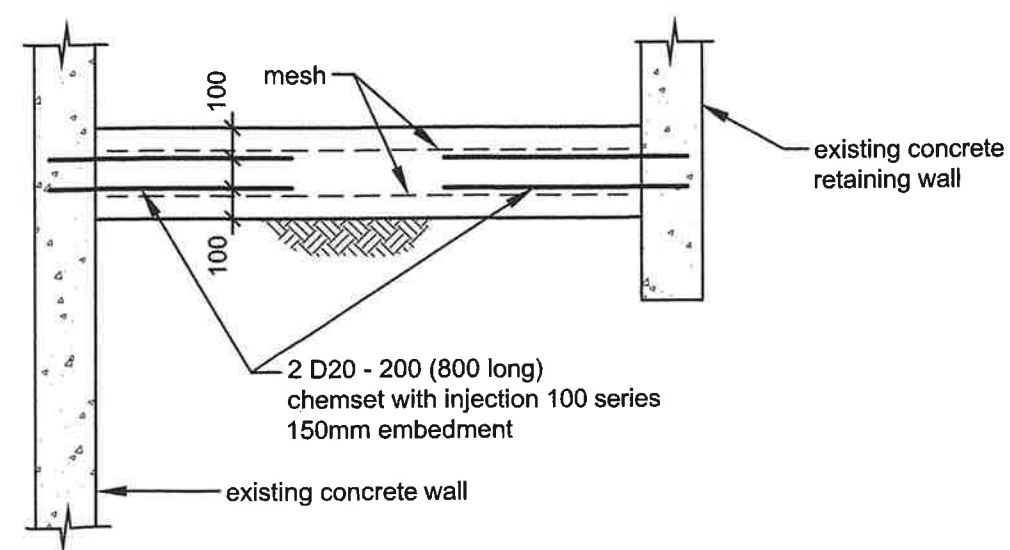
101 Soil Nail Section
S3.02 1:25



102 Soil Nail Elevation
S3.02 1:25



111 Anchor for Load Test
S3.02 1:20



107 Section
S3.02 1:25

H	for Construction	24-04-13
G	for Pricing	10-04-13
F	for Construction	10-01-13
E	for BC Amendment	10-12-12
D	for Building Consent	23-03-12
C	for Pricing	19-12-11
B	for Pricing	30-08-11
A	for Pricing	11-05-11
No.	REVISION	DATE

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JOB No. 210263

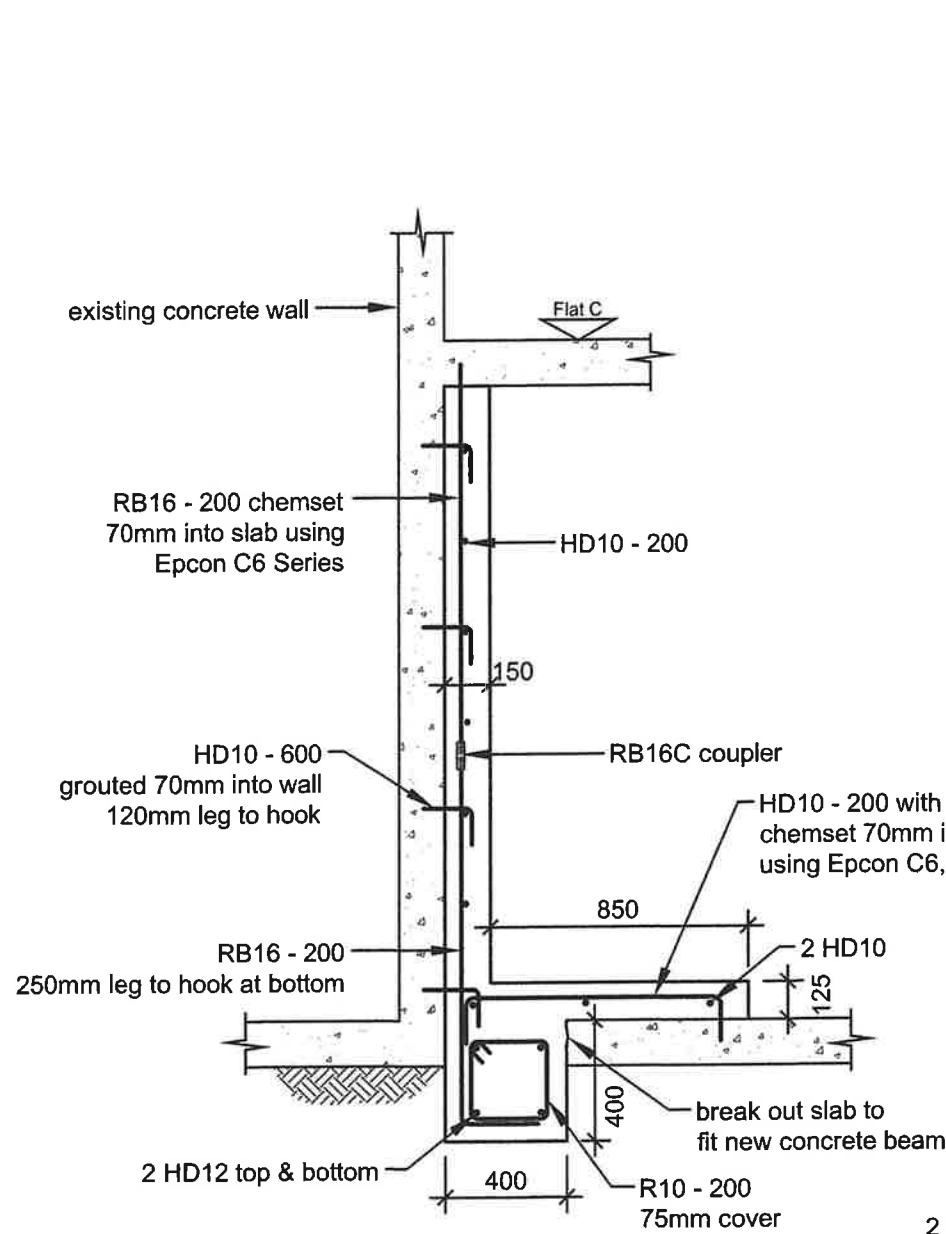
JOB TITLE
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Soil Nail Details (1)

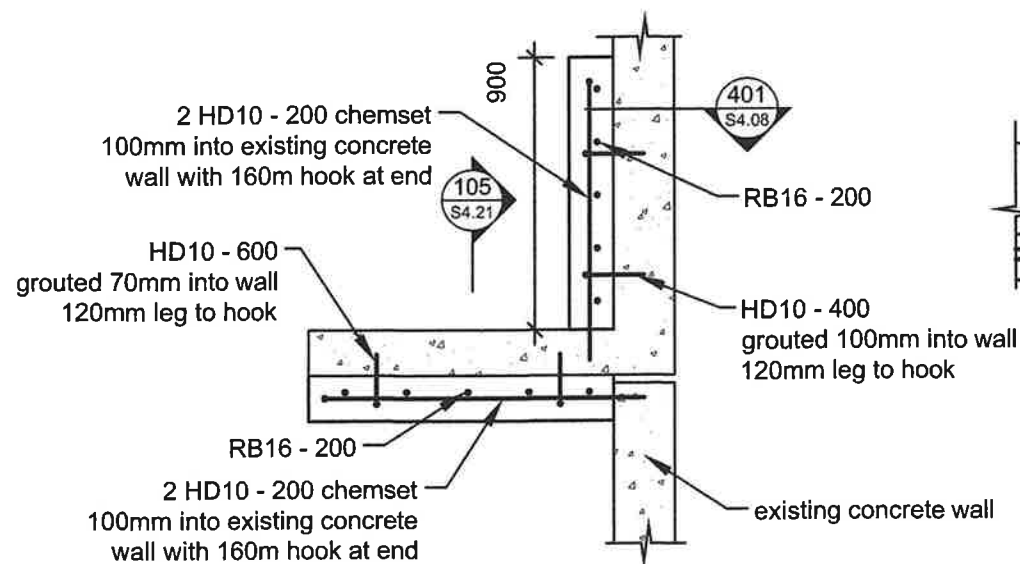
DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL	SIZE A3

SHEET No. S4.01 rev H

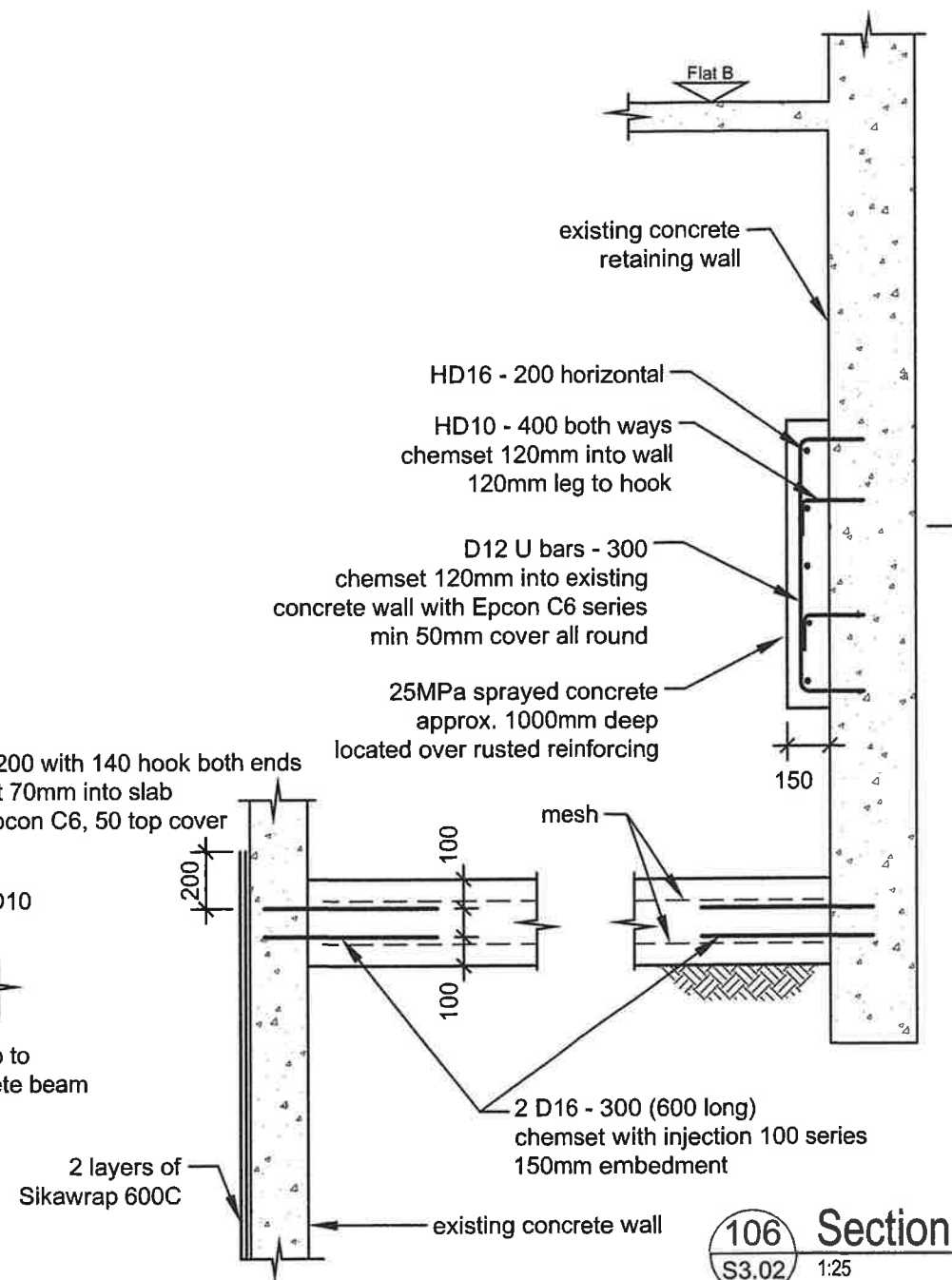
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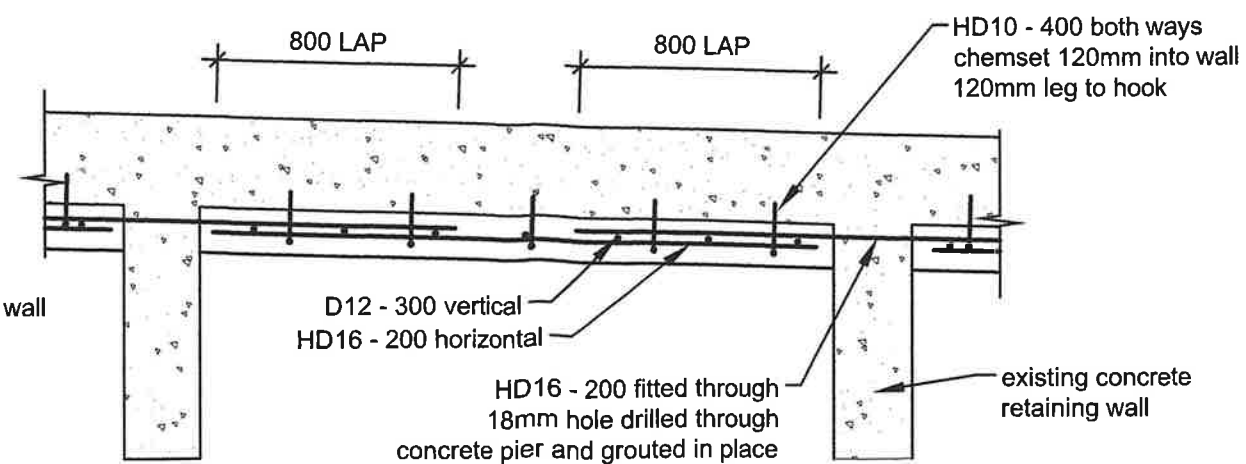
105 New Concrete Wall
S3.02 1:25



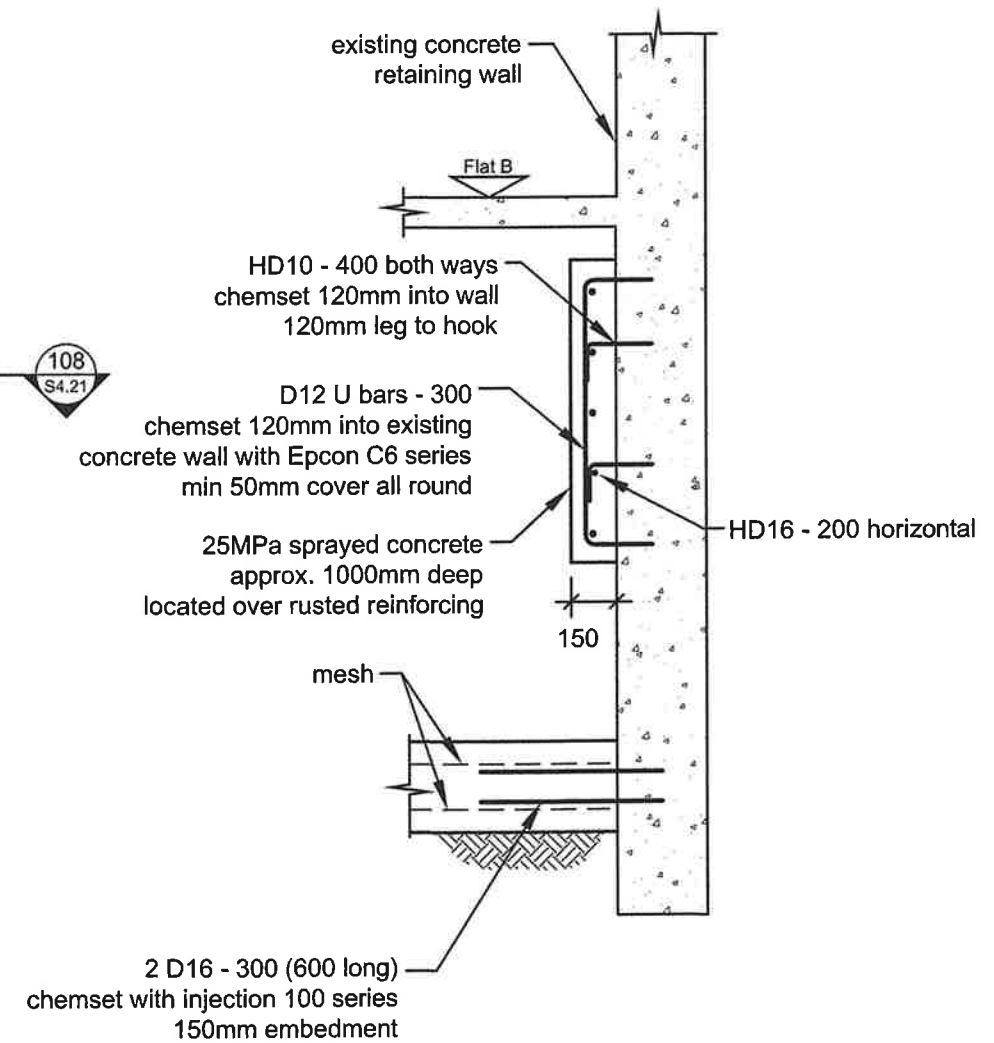
112 Wall Plan
S3.02 1:25



106 Section
S3.02 1:25



108 Retaining Wall Detail - Plan
S3.02 1:25



113 Retaining Wall Section
S3.02 1:25

H	for Construction	12-04-13
G	for Construction	22-02-13
F	for Construction	10-01-13
E	for Construction	12-12-12
D	for BC Amendment	10-12-12
C	for Building Consent	14-09-12
B	for Building Consent	26-03-12
A	for Pricing	22-12-11
No.	REVISION	DATE

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JOB No. 210263

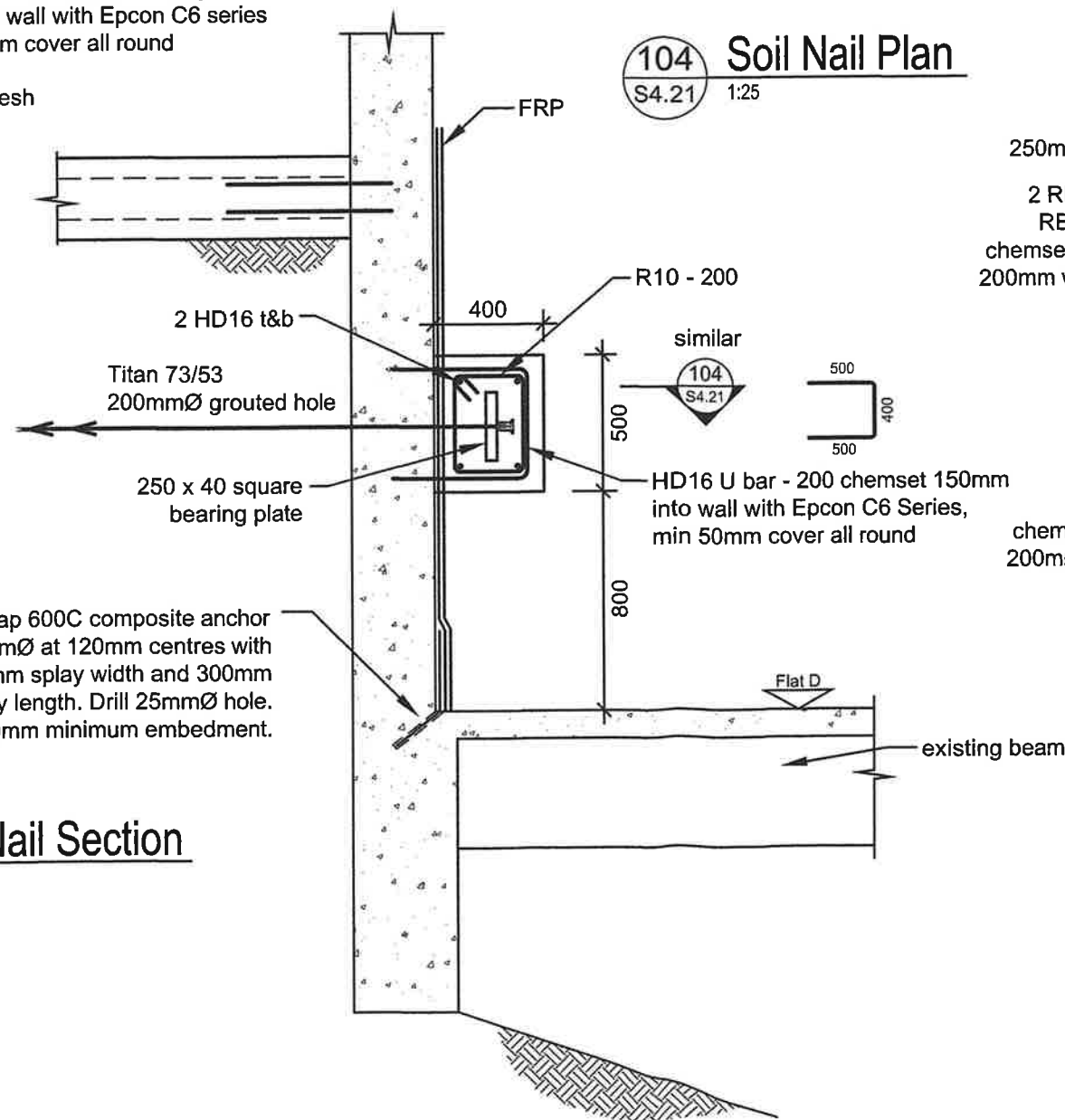
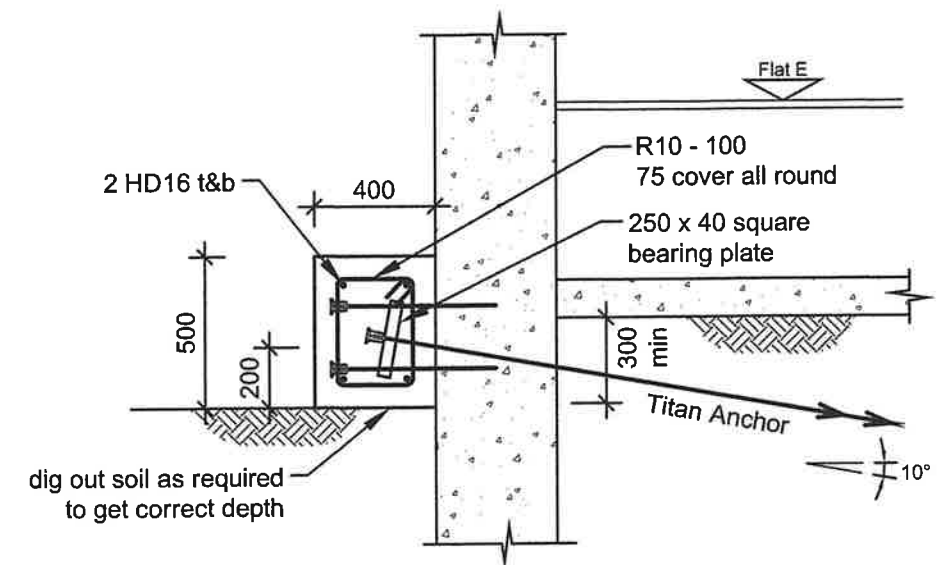
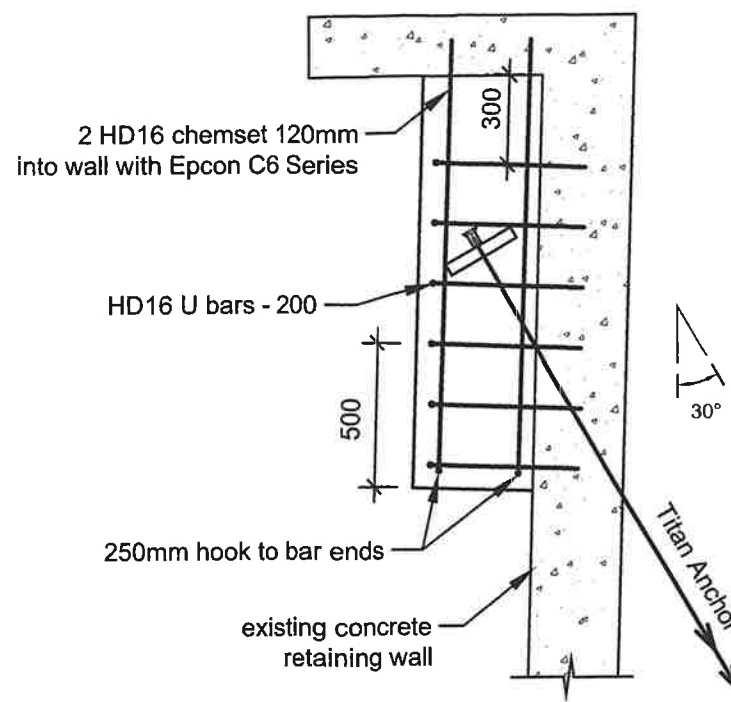
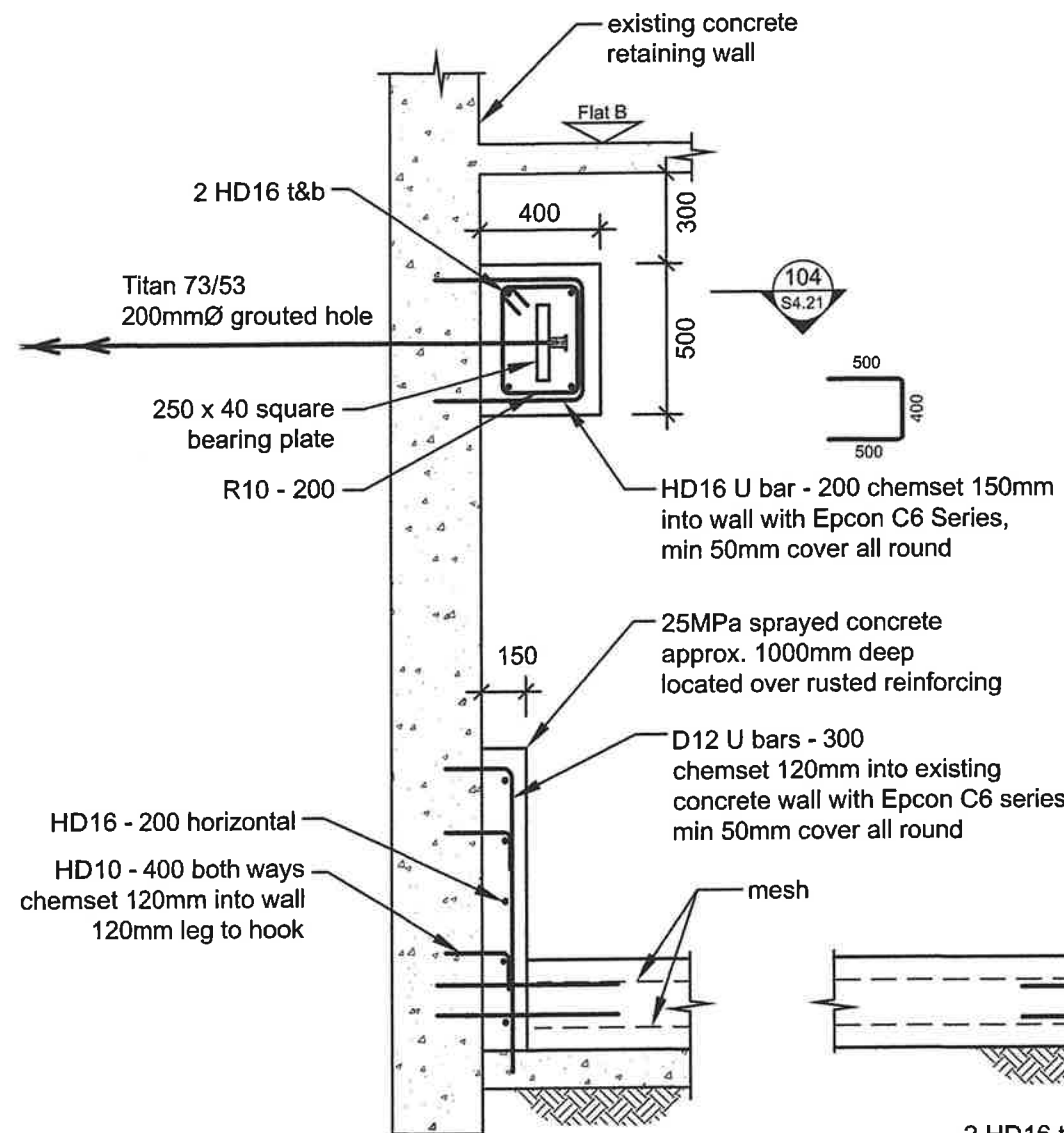
JOB TITLE
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Soil Nail Details (2)

DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL	SIZE A3

SHEET No. S4.02 rev H

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C	for Construction	06-06-13
B	for Construction	24-04-13
A	for Construction	22-02-13
No.	REVISION	DATE

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JOB No. 210263

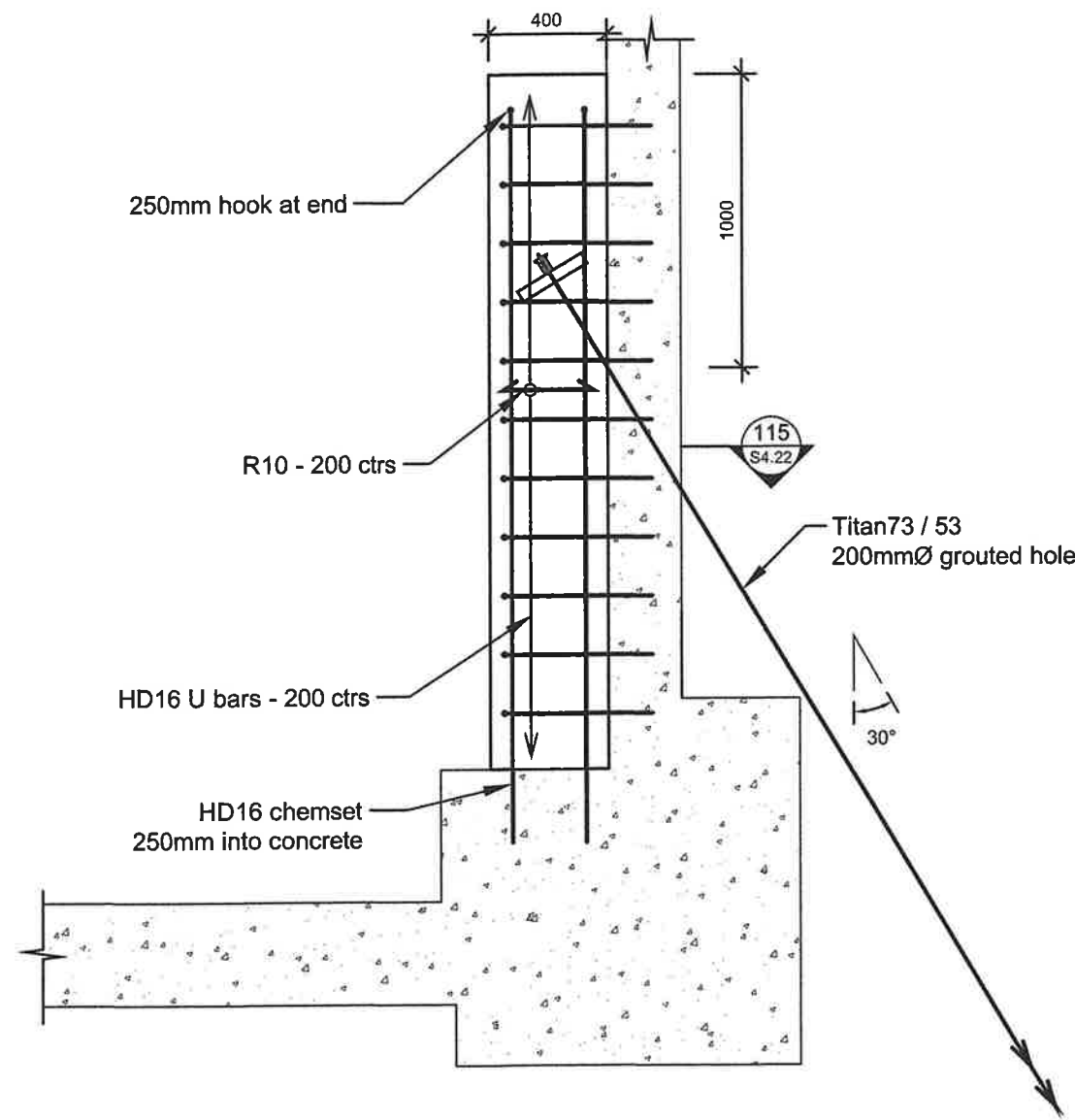
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Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Soil Nail Details (3)

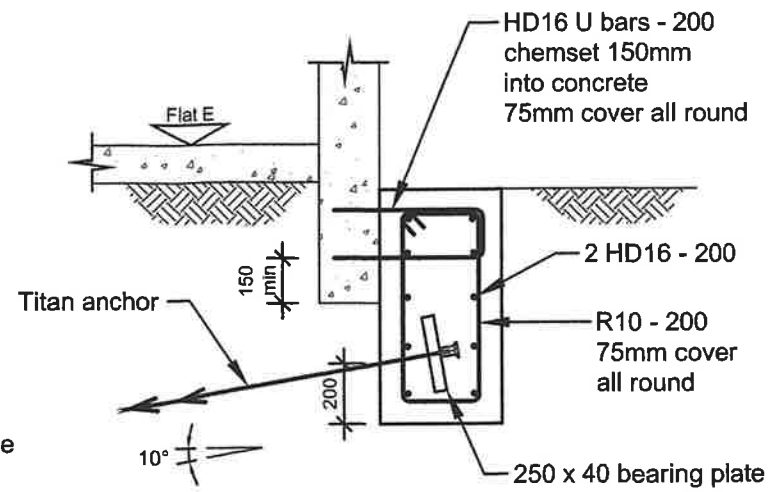
DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL	SIZE A3

SHEET No. S4.21 rev C

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114 Soil Nail Plan
S3.01 1:25



115 Soil Nail Section
S4.22 1:25

C for Construction 06-06-13
not issued
not issued
No. REVISION DATE

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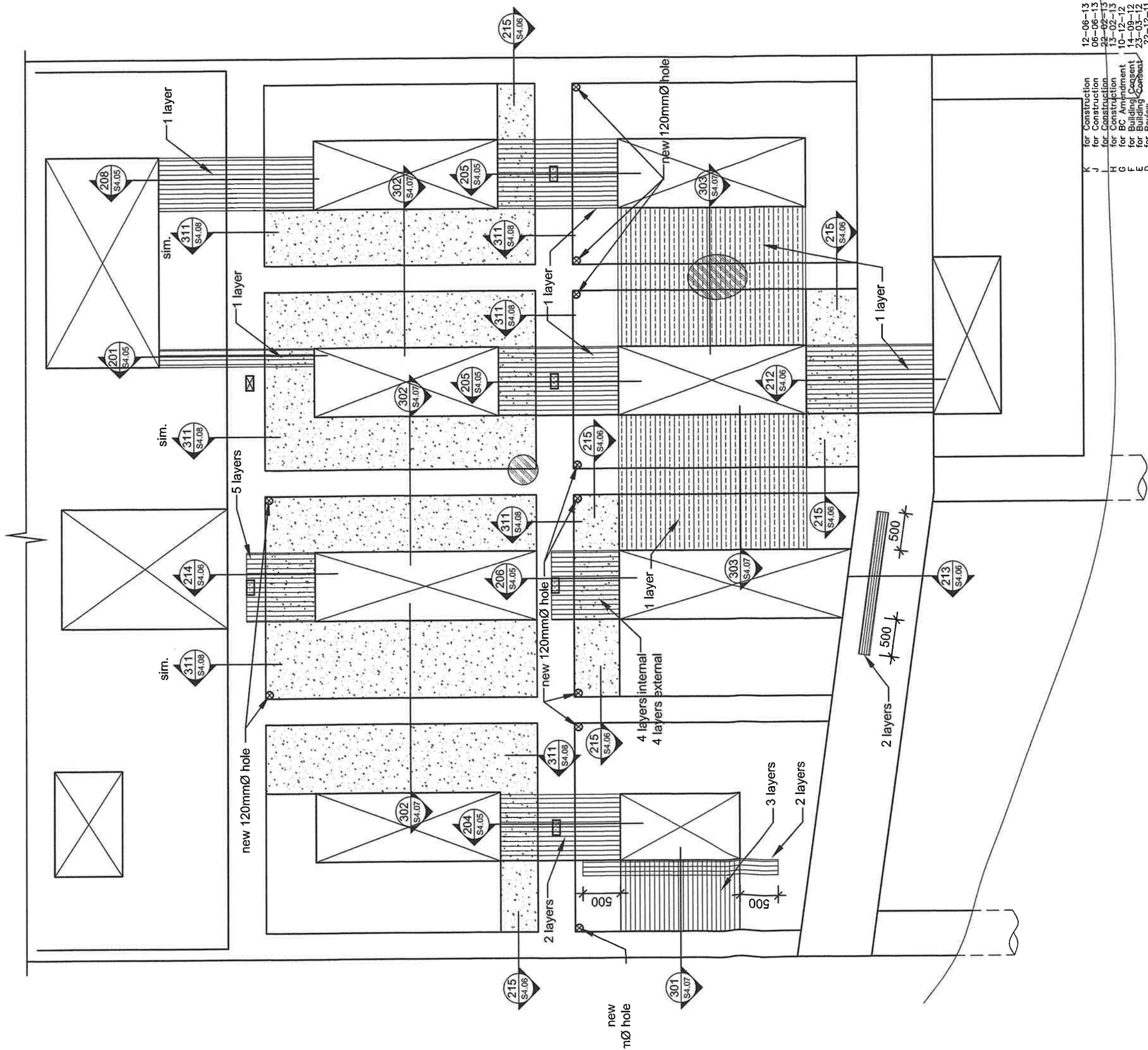
JOB TITLE
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Soil Nail Details (4)

DESIGN RLM DRAWN ERY
CHECKED ALS ORIGINAL SIZE A3

SHEET No. S4.22 rev C

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001 North Elevation
S3.02 1:50

- Key**
-  - SikaWrap 600C
 -  - SikaWrap 930G
 -  - clean rusted reinforcing as per specification
 -  - fill hole with gunite
 -  - sprayed concrete

Note
Epoxy injection grout all hairline cracks

No.	REVISION	DATE
K	for Construction	12-06-13
J	for Construction	06-06-13
I	for Construction	22-02-13
H	for Construction	13-02-13
G	for BC Amendment	10-12-12
F	for Building Consent	14-09-12
E	for Building Consent	23-03-12
D	for Review	22-12-11
C	for Pricing	30-08-11
B	for Pricing	31-05-11
A	for Pricing	09-05-11

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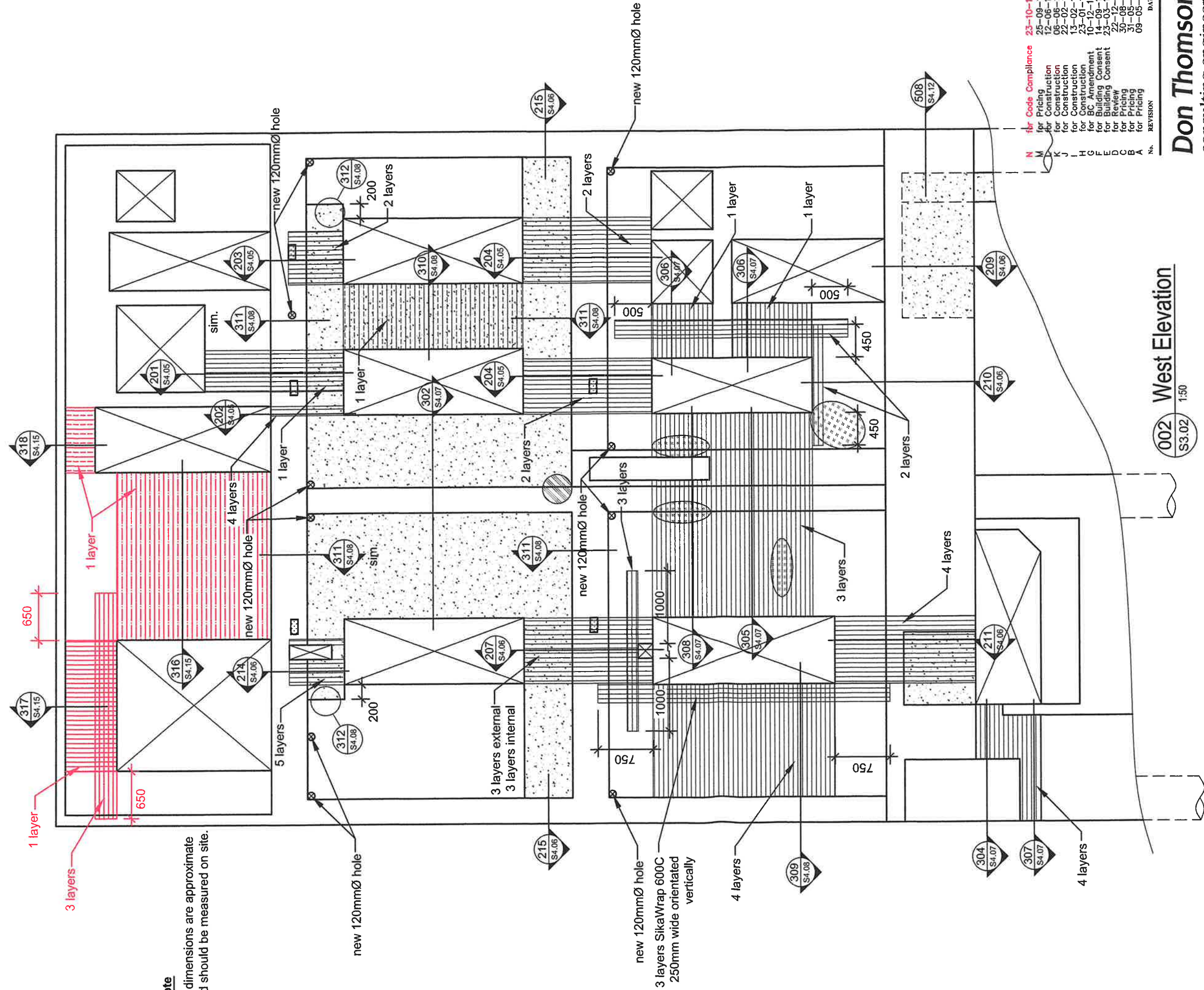
JOB TITLE

Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
North Elevation

DESIGN RLM DRAWN ERY
CHECKED ALS ORIGINAL SIZE A3
SHEET No. S4.03 rev K

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Note

All dimensions are approximate and should be measured on site.

Key

- SikaWrap 600C
- SikaWrap 930G
- clean rusted reinforcing as per specification
- fill hole with gunite
- sprayed concrete

Note

Epoxy injection grout all hairline cracks

for Code Compliance 23-10-13	
N	for Pricing 25-09-13
M	for Construction 12-06-13
L	for Construction 06-06-13
K	for Construction 22-02-13
J	for Construction 13-02-13
I	for Construction 23-01-13
H	for BC Amendment 10-12-12
G	for Building Consent 14-09-12
F	for Building Consent 23-03-12
E	for Review 22-12-11
D	for Pricing 30-08-11
C	for Pricing 31-05-11
B	for Pricing 09-05-11
A	
No.	REVISION
DATE	

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JOB No. 210263

JOB TITLE

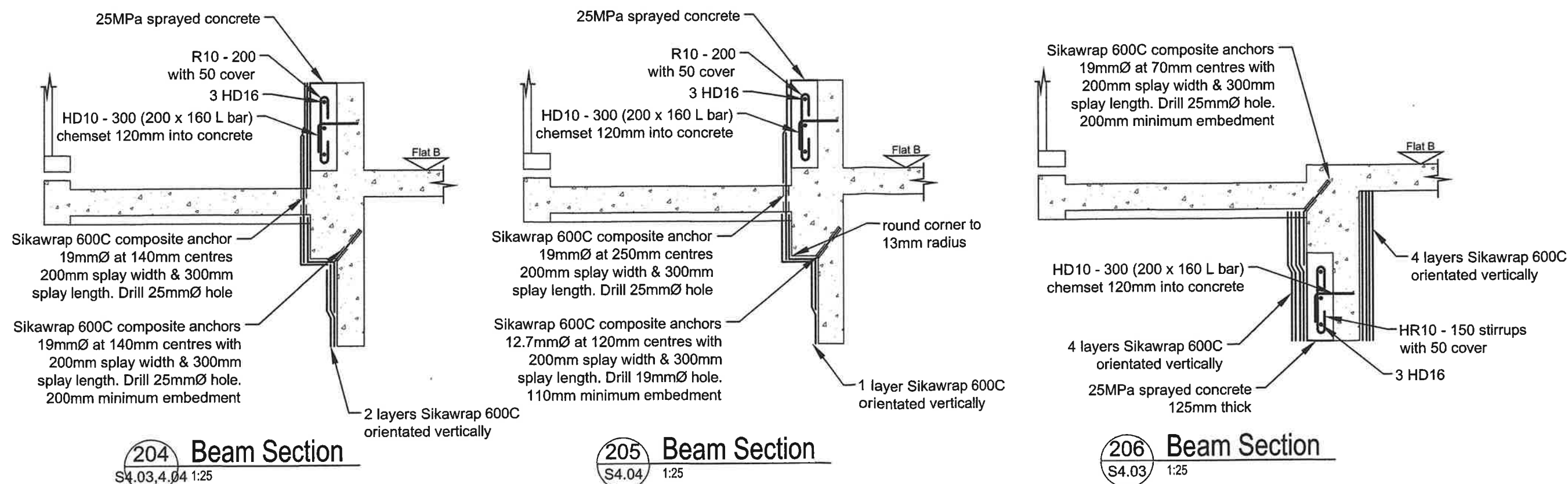
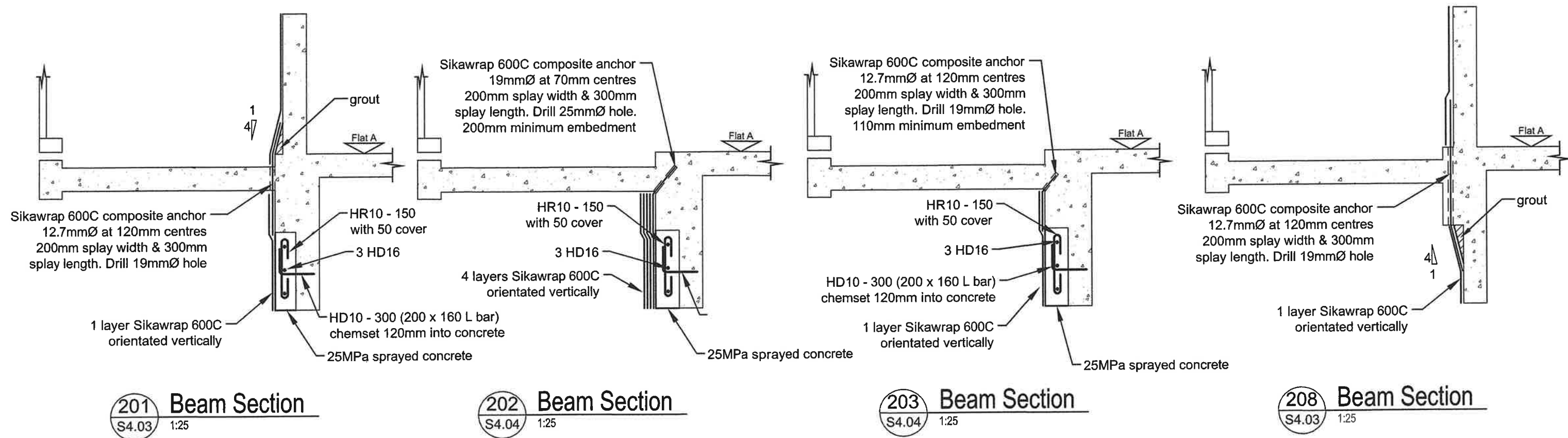
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE

West Elevation

DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3
SHEET No. S4.04 rev N			

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K	for Construction	22-02-13
J	for Construction	13-02-13
I	for Construction	10-01-13
H	for Construction	12-12-12
G	for BC Amendment	10-12-12
F	for Building Consent	14-09-12
E	for Building Consent	23-03-12
D	for Review	22-12-11
C	for Pricing	30-08-11
No.	REVISION	DATE

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JOB No. 210263

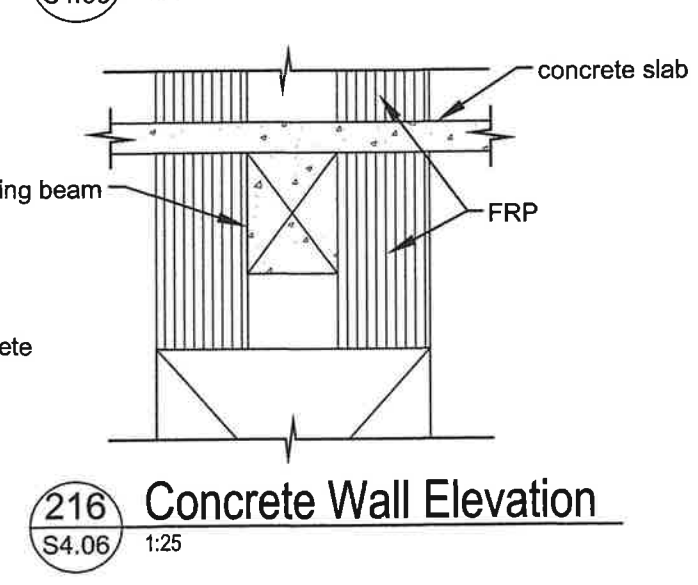
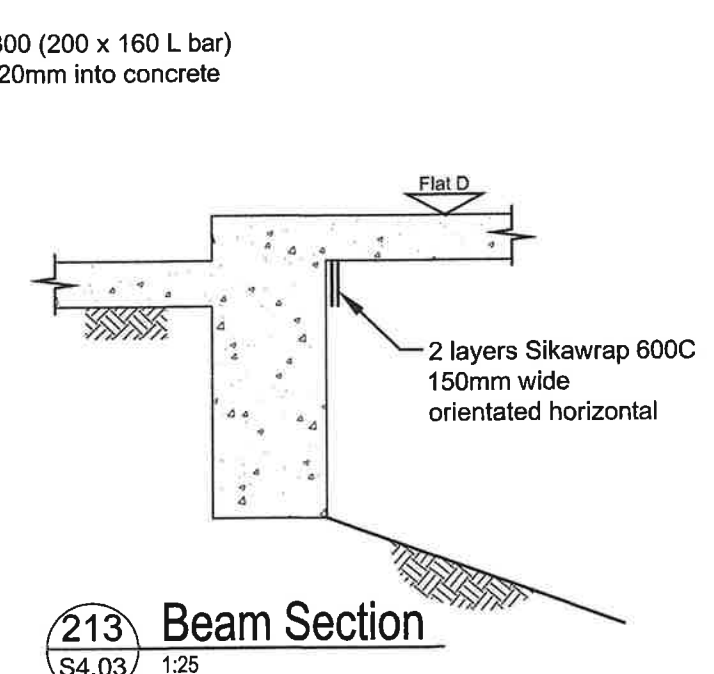
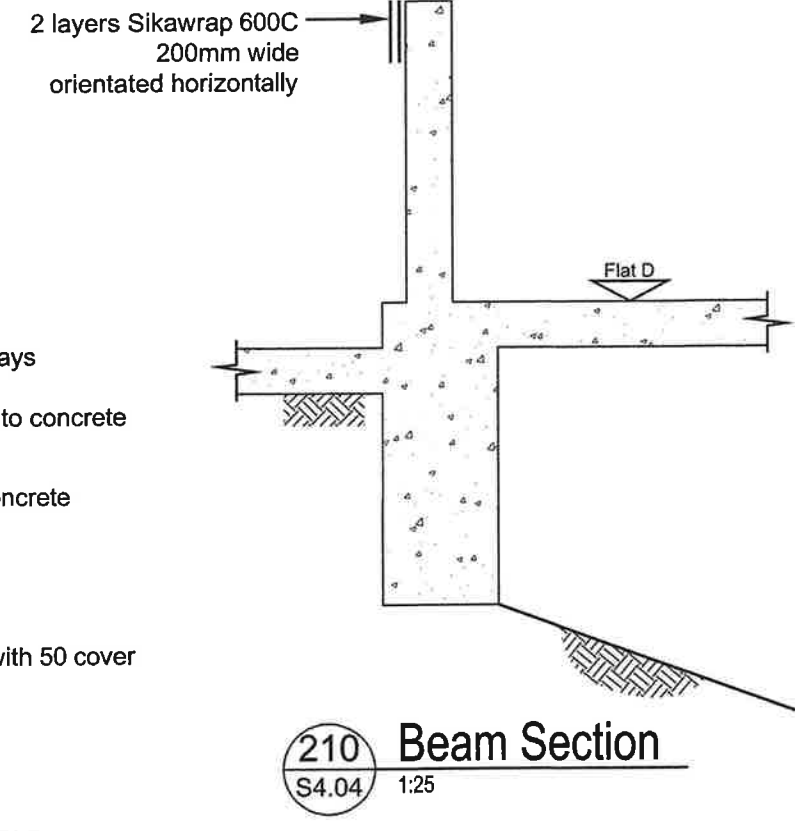
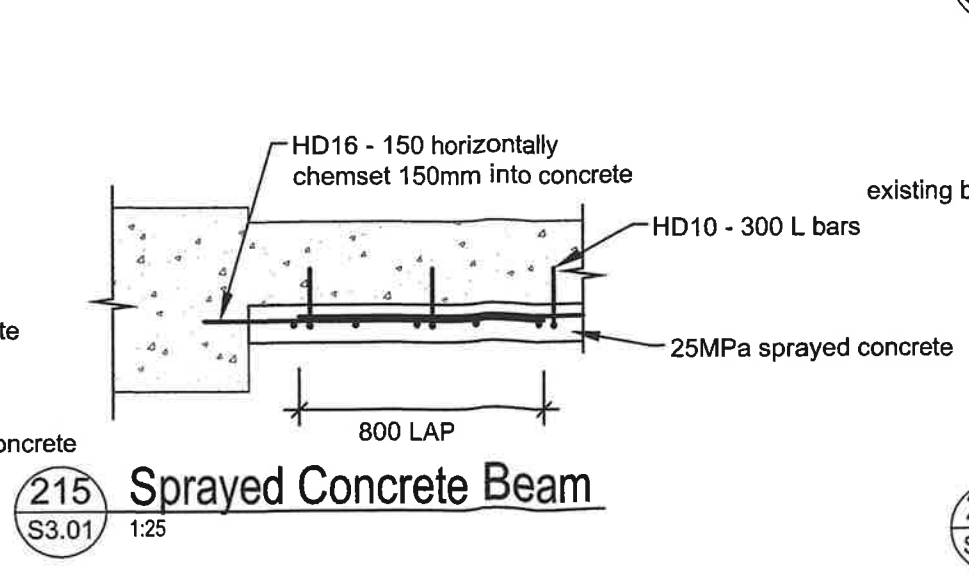
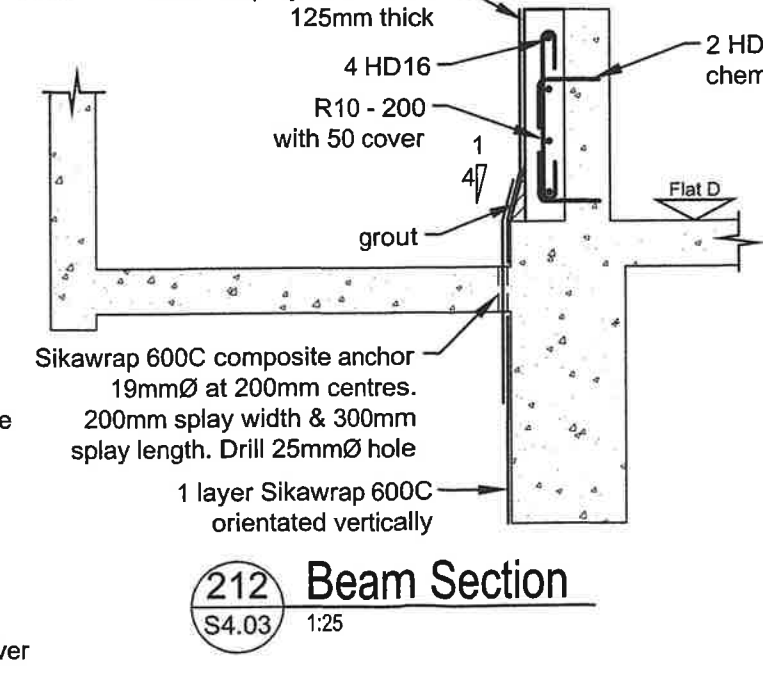
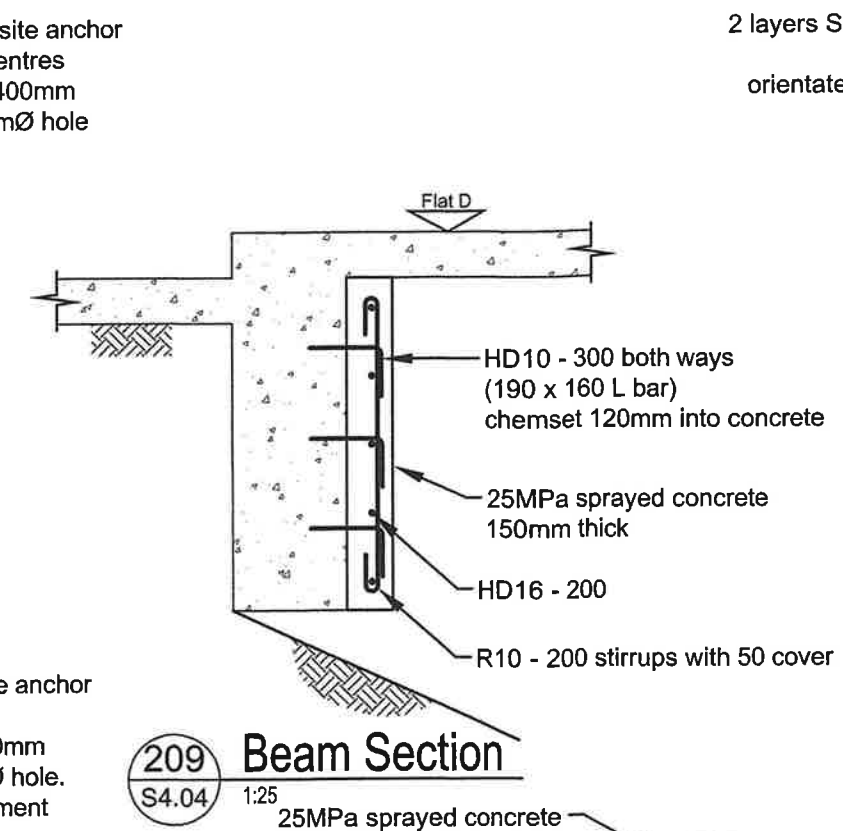
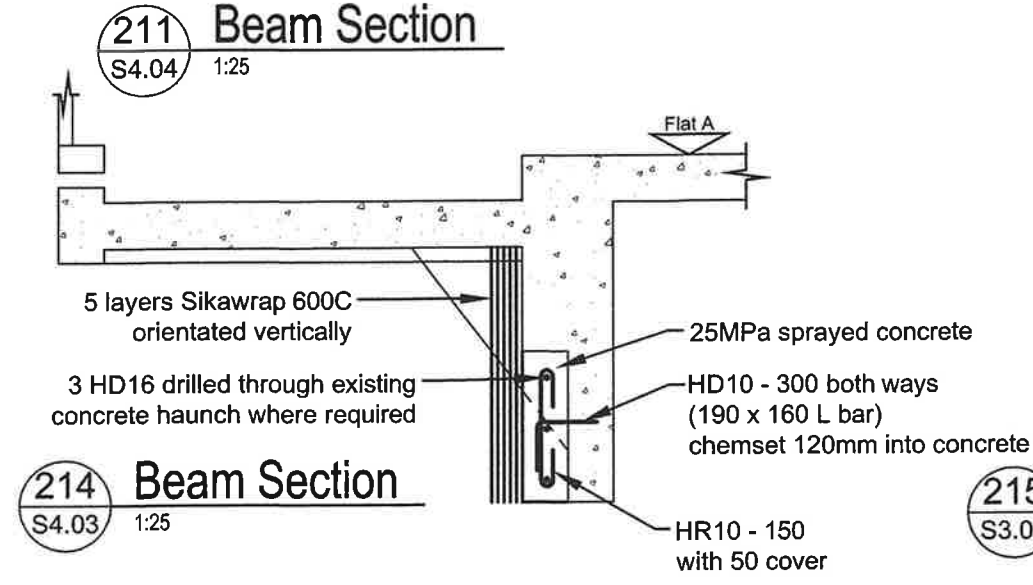
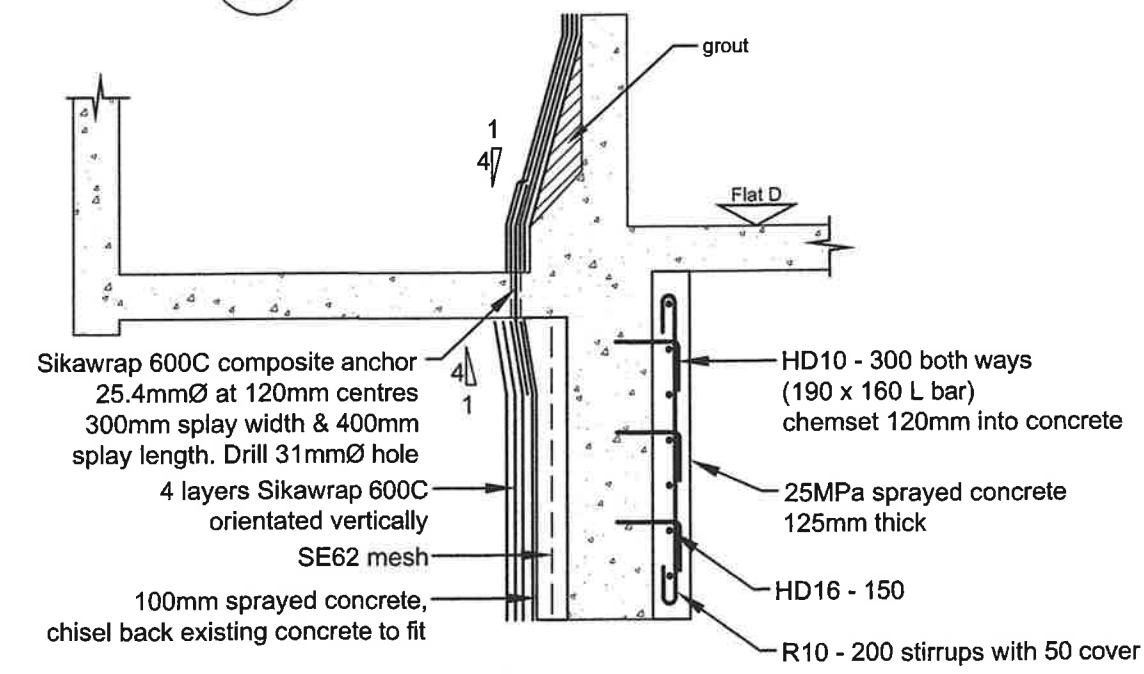
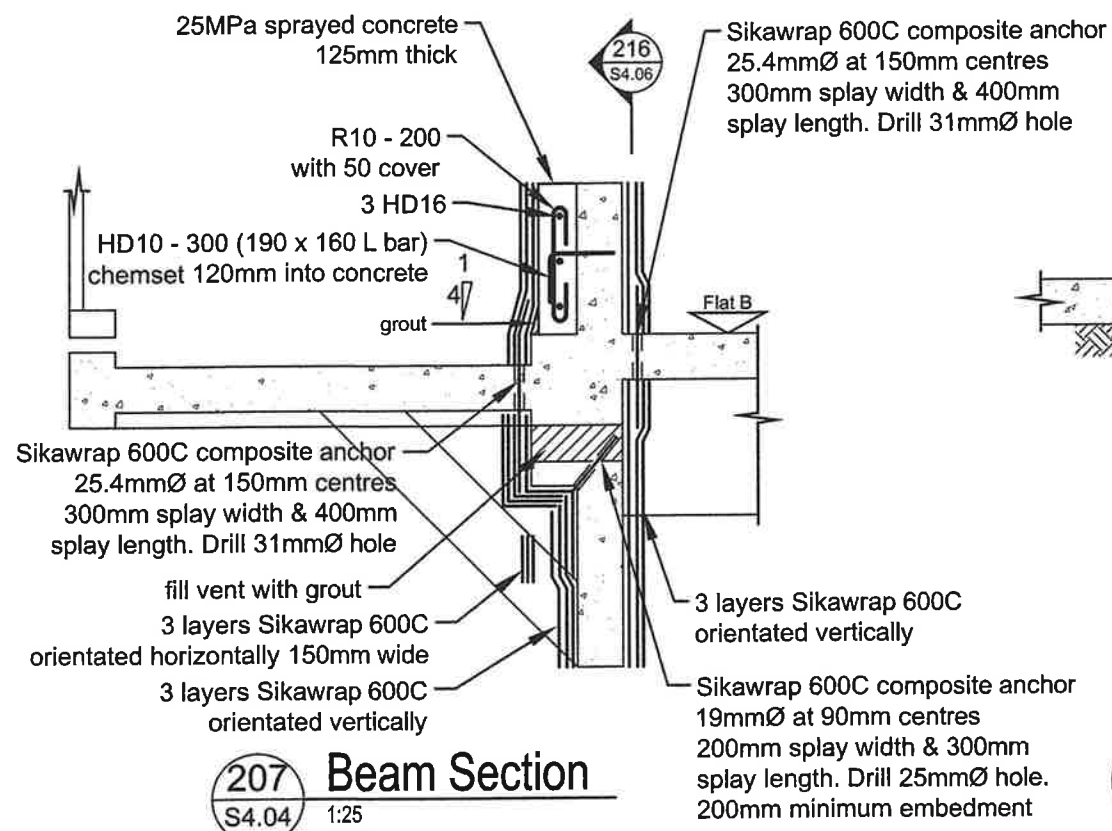
JOB TITLE
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Wall Sections (1)

DESIGN RLM DRAWN ERY
CHECKED ALS ORIGINAL SIZE A3

SHEET No. S4.05 rev K

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I	for Construction	12-06-13
H	for Construction	22-02-13
G	for Construction	13-02-13
F	for Construction	23-01-13
E	for Construction	12-12-12
D	for BC Amendment	10-12-12
C	for Building Consent	14-09-12
B	for Building Consent	23-03-12
A	for Review	22-12-11
No.	REVISION	DATE

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JOB No. 210263
JOB TITLE
Building Strengthening 67%
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for Wallcork Upland Ltd
SHEET TITLE
Wall Sections (2)

DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3

SHEET No. S4.06 rev 1

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2 layers Sikawrap 600C
orientated horizontally
note. not full height of wall

109
S4.02

3 layers Sikawrap 600C
orientated horizontally

HD10 - 400 both ways
(200 x 160 L bar)
chemset 120mm into concrete

HD16 - 200 horizontally drilled
through existing column, pre drill
18mm hole and fill with grout

2 layers Sikawrap 600C
200mm wide
orientated vertically

HD16 - 200 vertically

25MPa sprayed concrete to be
flush with existing columns

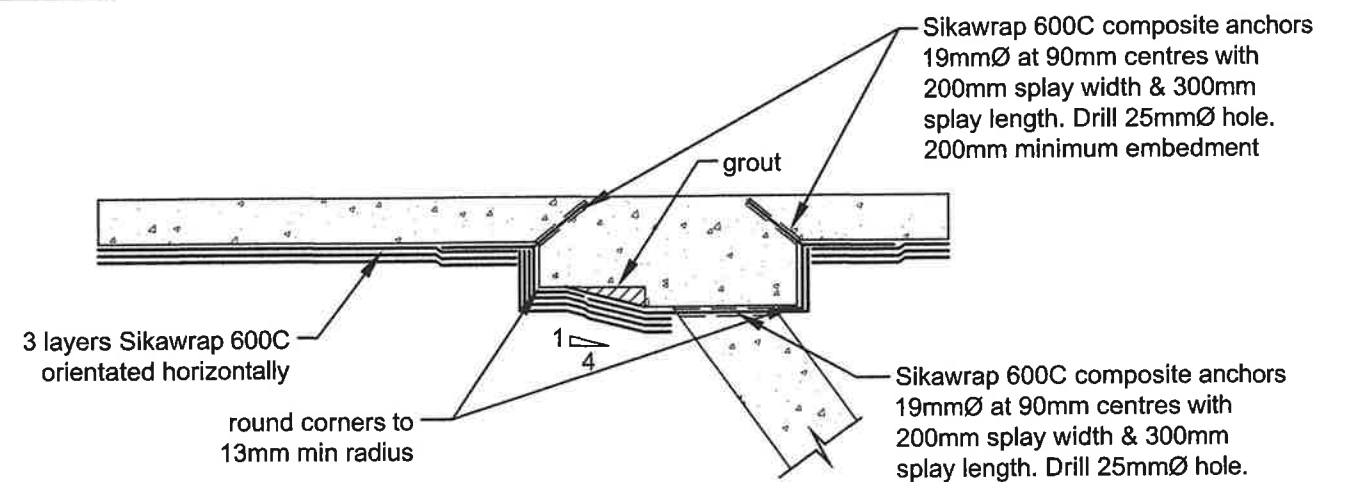
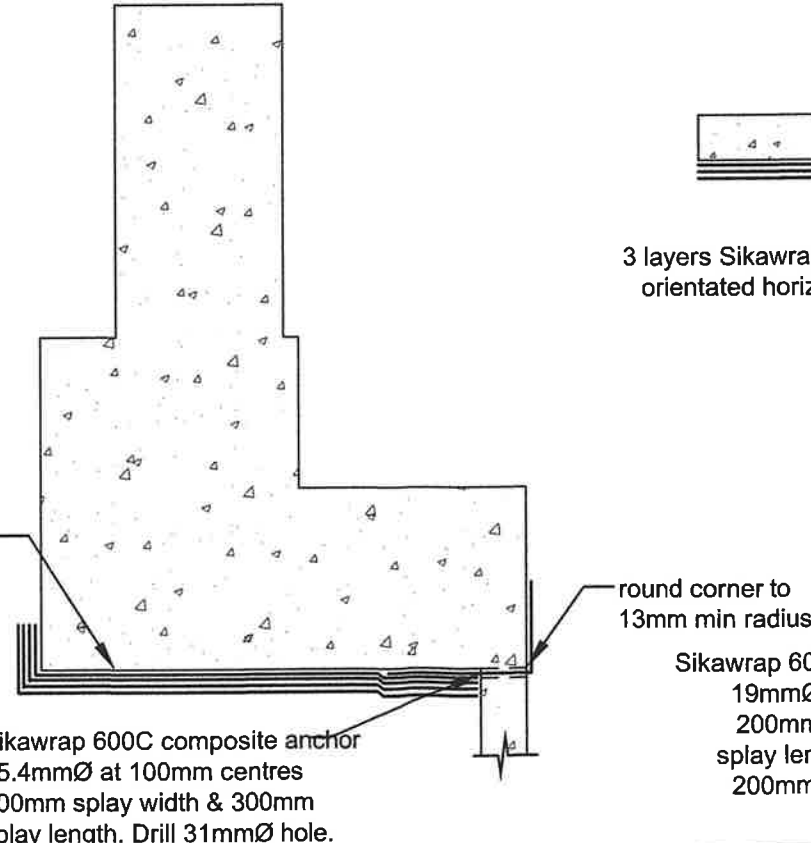
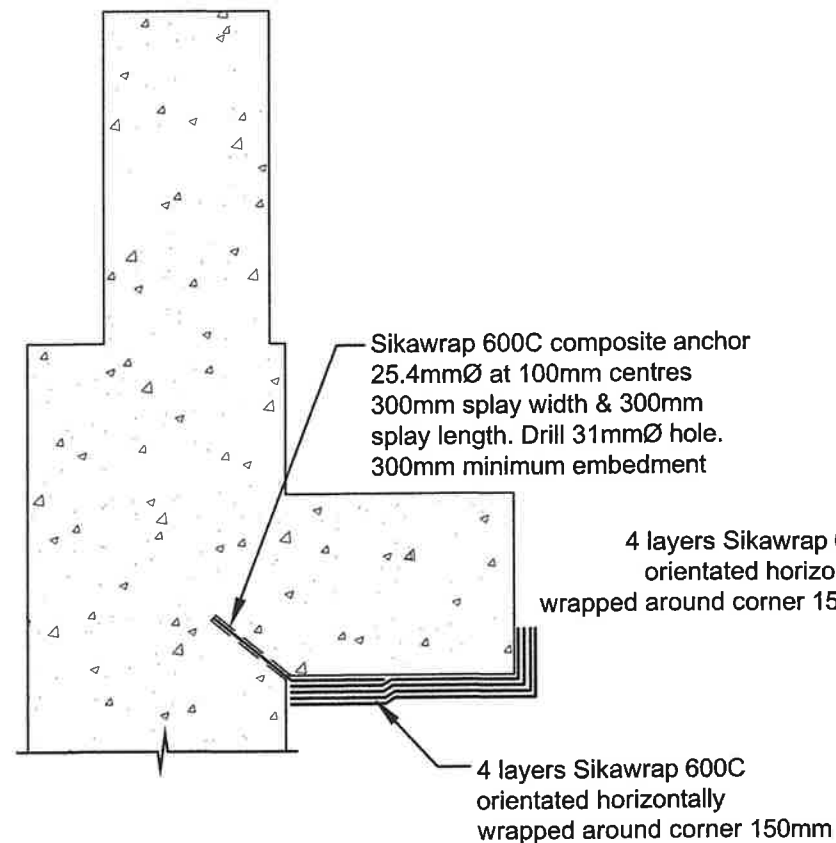
Sikawrap 930G composite anchor
19mmØ at 200mm centres
200mm splay width & 300mm
splay length. Drill 25mmØ hole

1 layer Sikawrap 930G
orientated horizontally

301 Plan View - Wall Section
S4.03 1:25

302 Plan View - Wall Section
S4.03 1:25

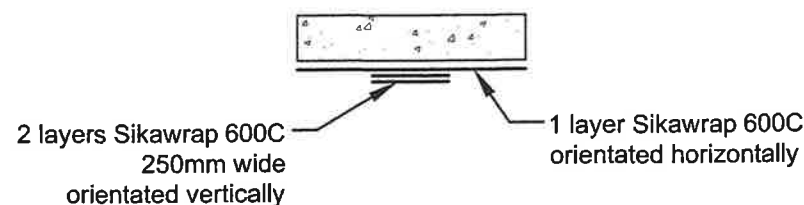
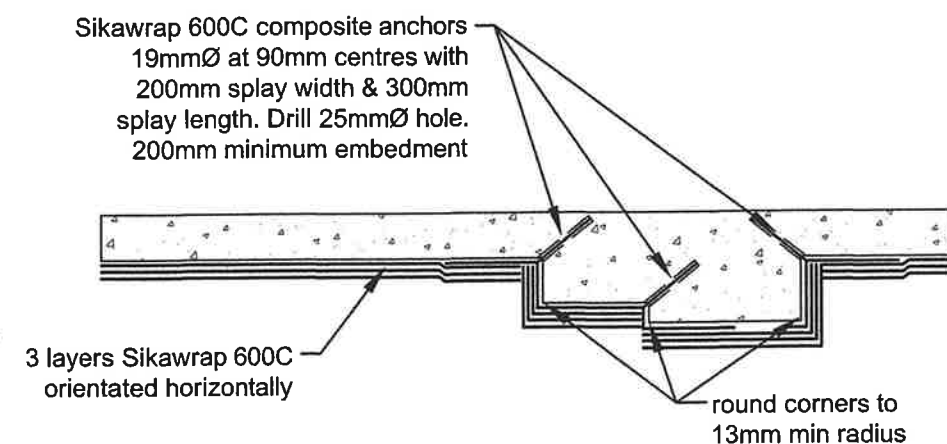
303 Plan View - Wall Section
S4.03 1:25



308 Plan View - Wall Section
S4.04 1:25

304 Plan View - Wall Section
S4.04 1:25

307 Plan View - Wall Section
S4.04 1:25



305 Plan View - Wall Section
S4.04 1:25

306 Plan View - Wall Section
S4.04 1:25

J	for Construction	20-03-13
I	for Construction	22-02-13
H	for Construction	13-02-13
G	for BC Amendment	10-12-12
F	for Building Consent	14-09-12
E	for Building Consent	23-03-12
D	for Review	22-12-11
C	for Pricing	30-08-11
No.	REVISION	DATE

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JOB No. 210263

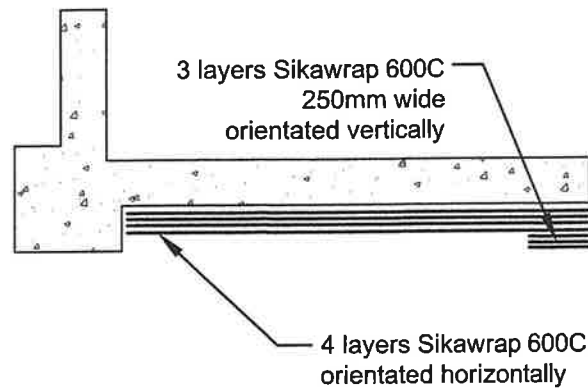
JOB TITLE
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Wall Sections (3)

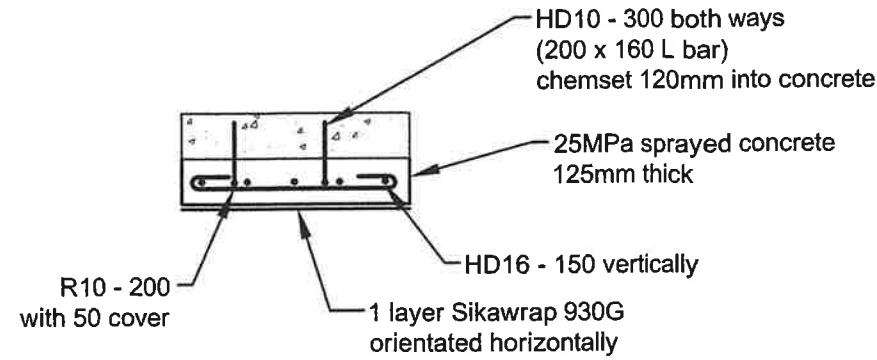
DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL	SIZE A3

SHEET No. S4.07 rev J

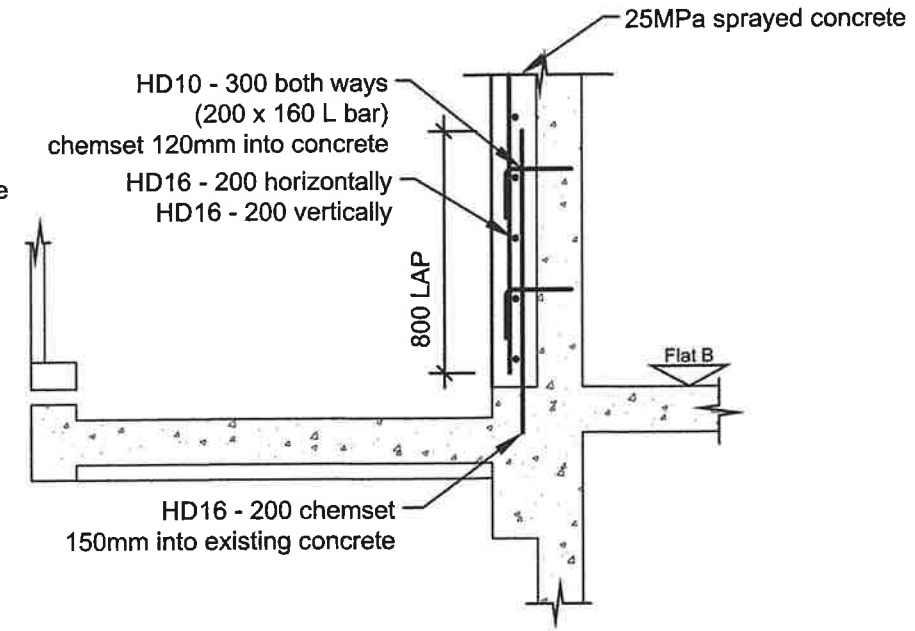
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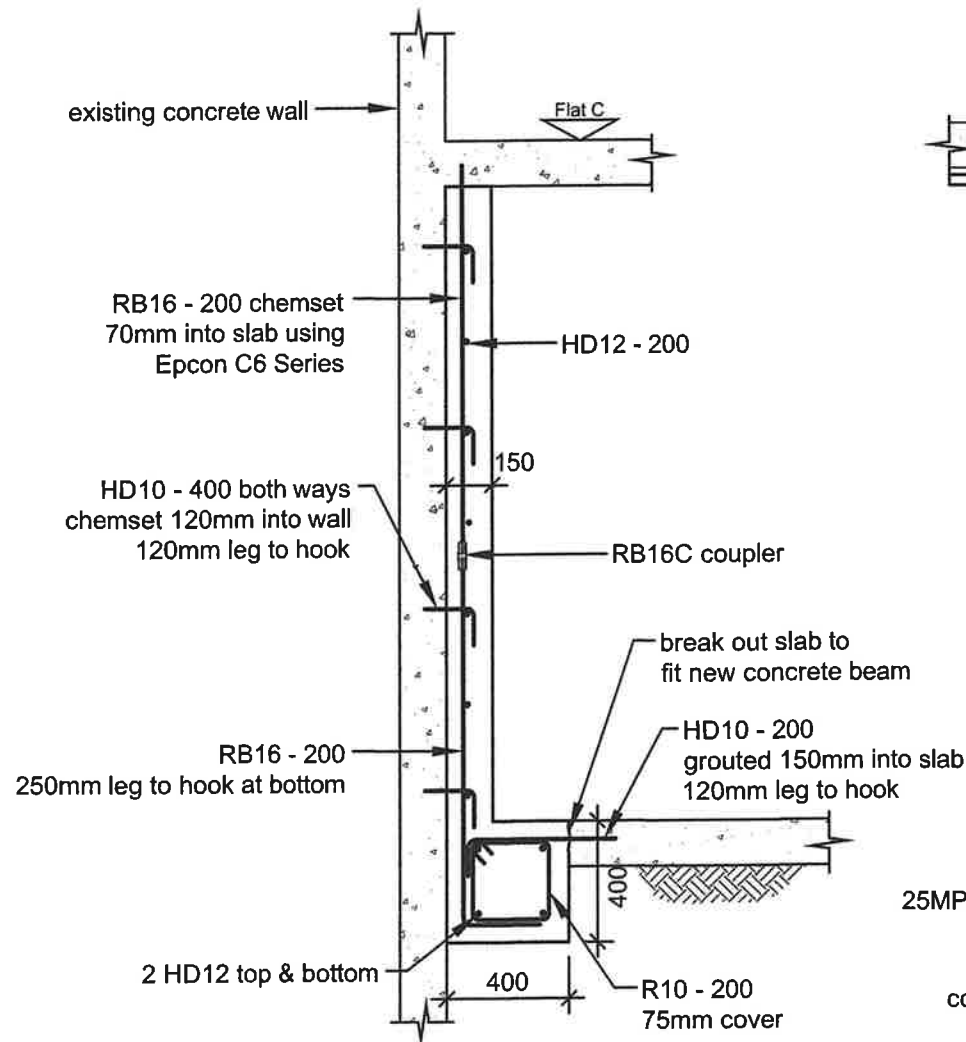
309 Plan View - Wall Section
S4.04 1:25



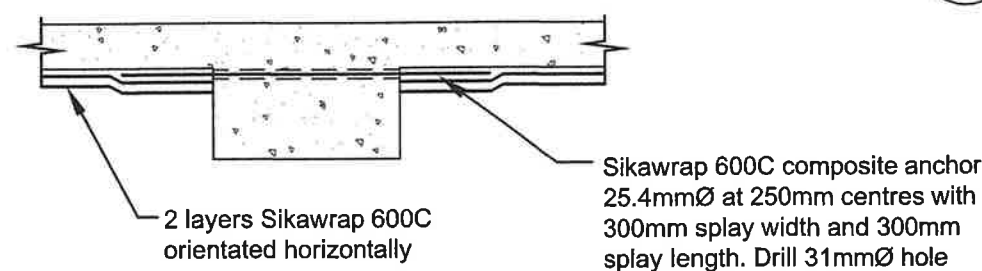
310 New Sprayed Wall
S4.04 1:25



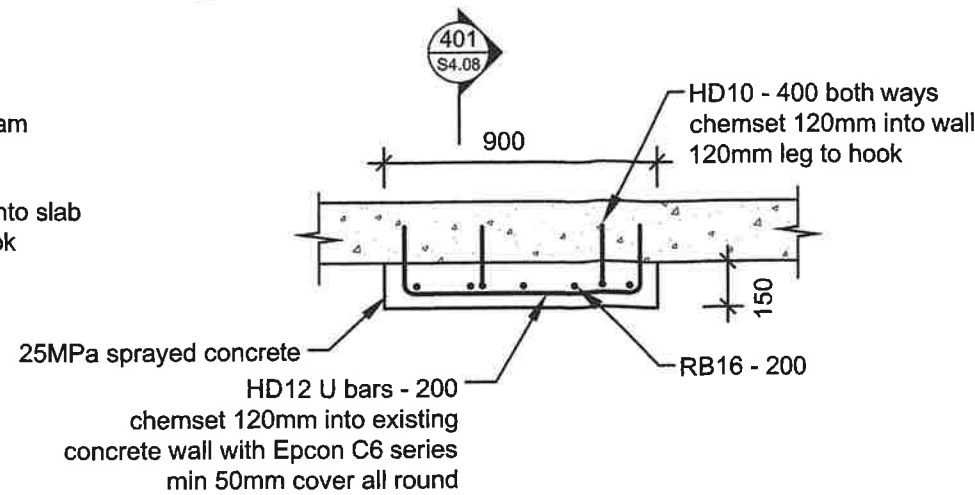
311 New Sprayed Wall
S4.04, S4.03:25



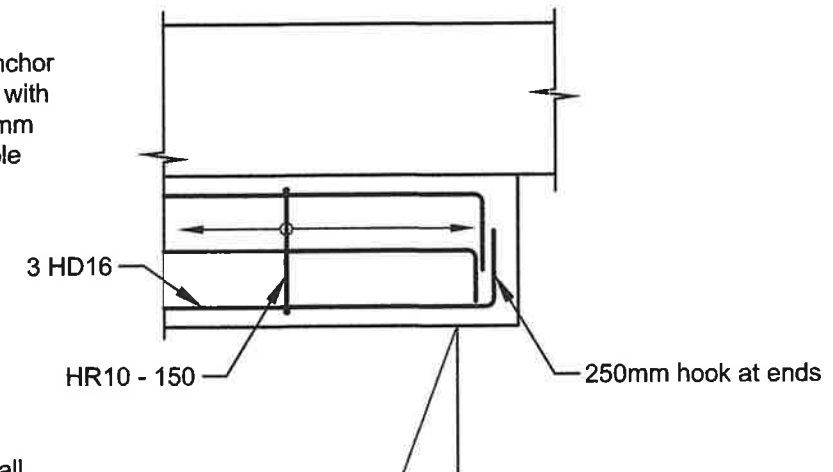
401 New Concrete Wall
S3.02 1:25



402 Wall Section
S3.02 1:25



403 New Concrete Wall
S3.02 1:25



312 New Sprayed Beam End
S4.04 1:25

E	for Construction	22-02-13
D	for Construction	13-02-13
C	for BC Amendment	10-12-12
B	for Building Consent	14-09-12
A	for Building Consent	23-03-12
No.	REVISION	DATE

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JOB No. 210263

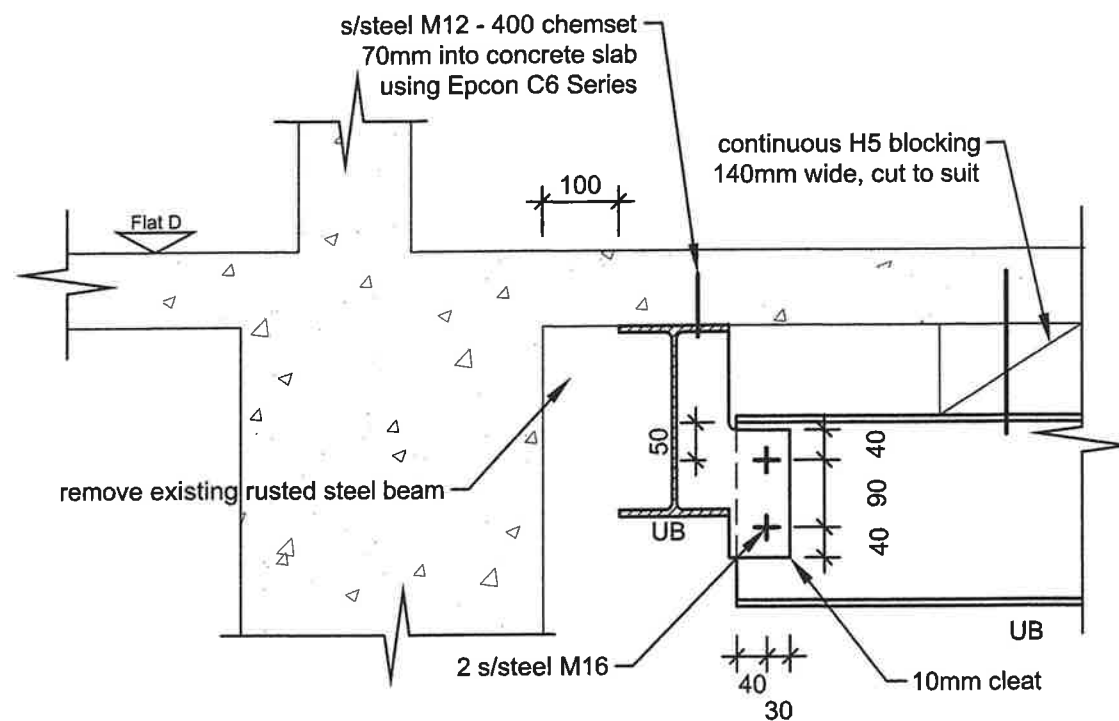
JOB TITLE
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Wall Sections (4)

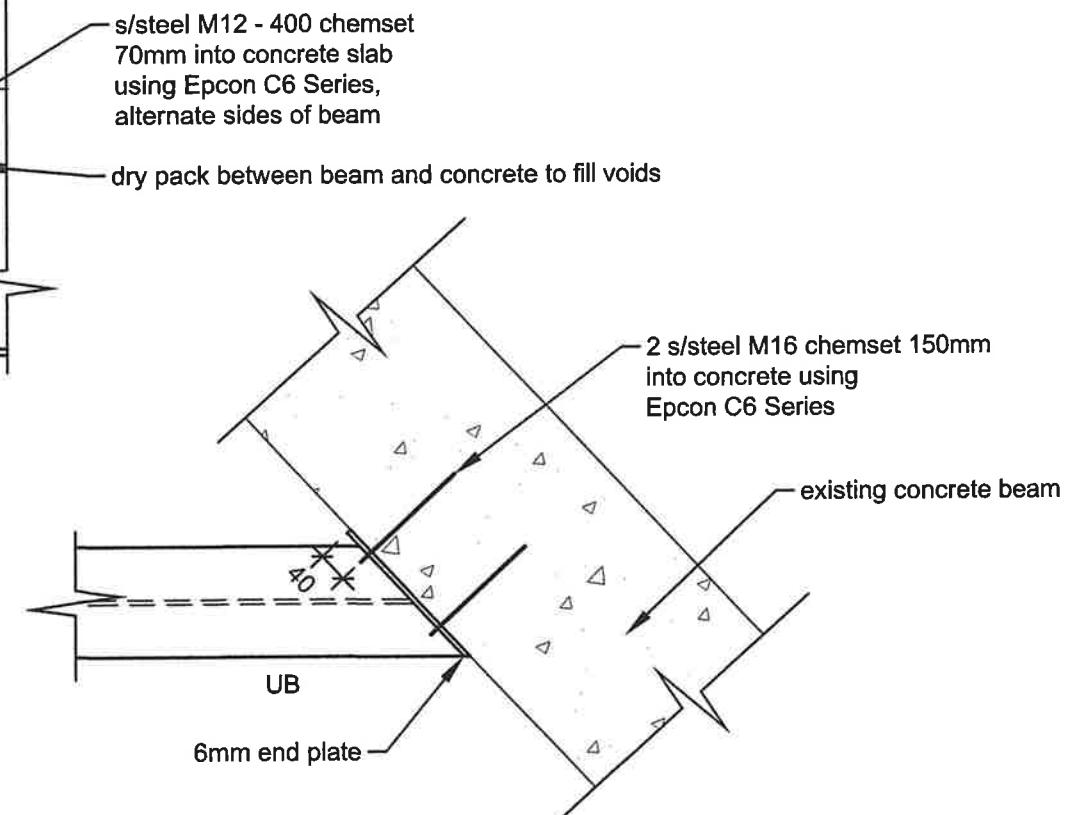
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CHECKED	ALS	ORIGINAL	SIZE A3

SHEET No. S4.08 rev E

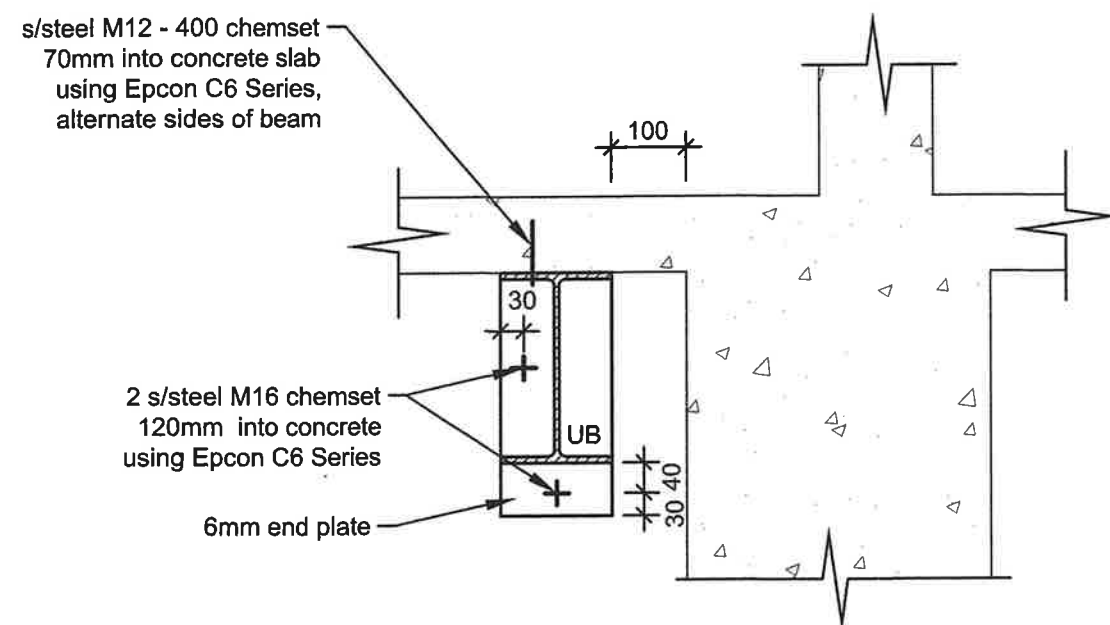
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501 UB to UB connection
S3.01 1:10



503 UB to concrete beam - plan
S3.01 1:10



502 UB to concrete wall detail
S3.01 1:10

B	for Construction	20-03-13
A	for Construction	22-02-13
No.	REVISION	DATE

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JOB No. 210263

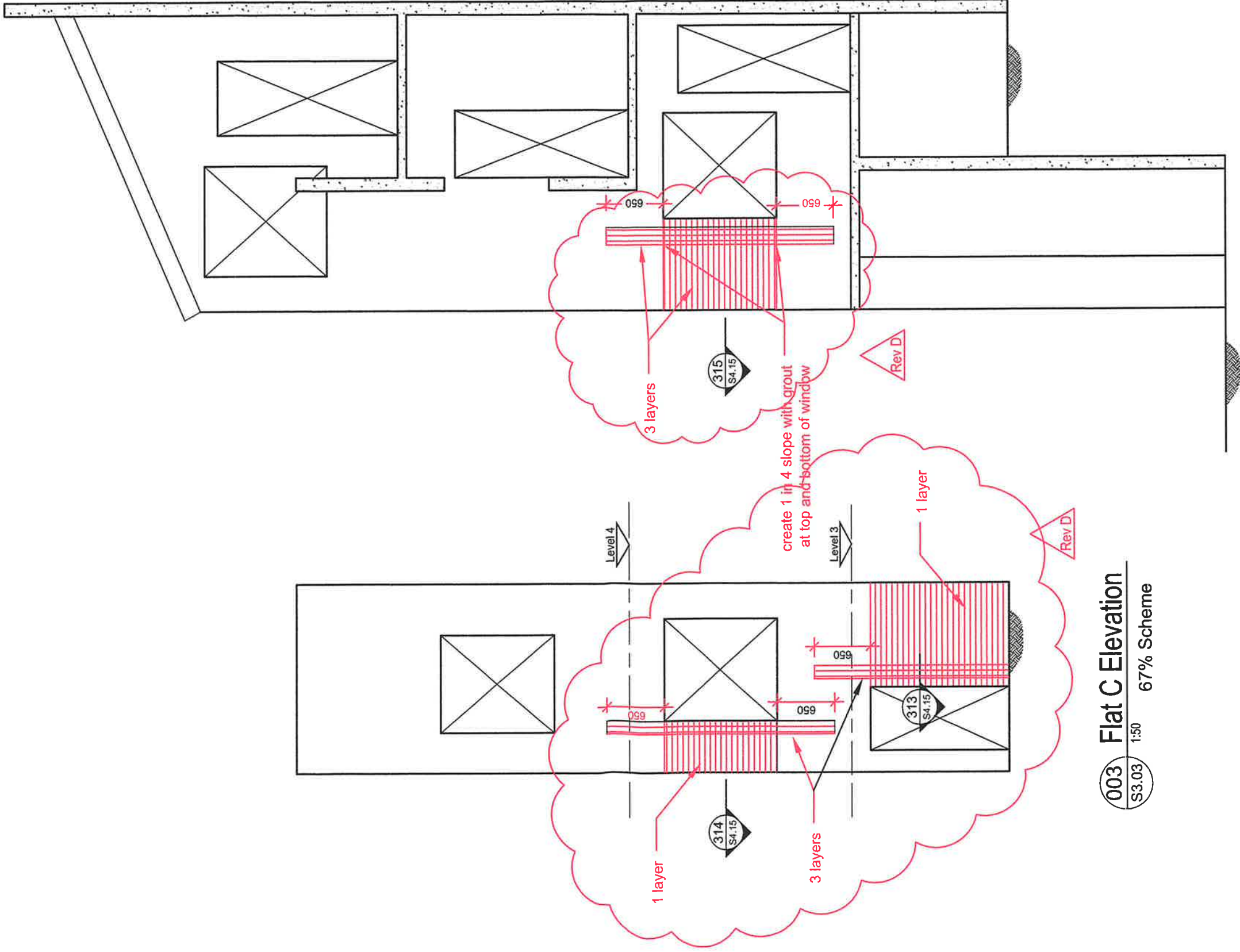
JOB TITLE
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Flat E Beam Details

DESIGN	RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3

SHEET No. S4.09 rev B

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003 Flat C Elevation
S3.03 1:50 67% Scheme

004 Flat C Elevation
S3.03 1:50 67% Scheme

D	for Pricing	23-10-13	DATE
C	for Review	25-09-13	
B	for Review	19-06-13	
A	for Review	27-02-13	
No.	REVISION		

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JOB TITLE

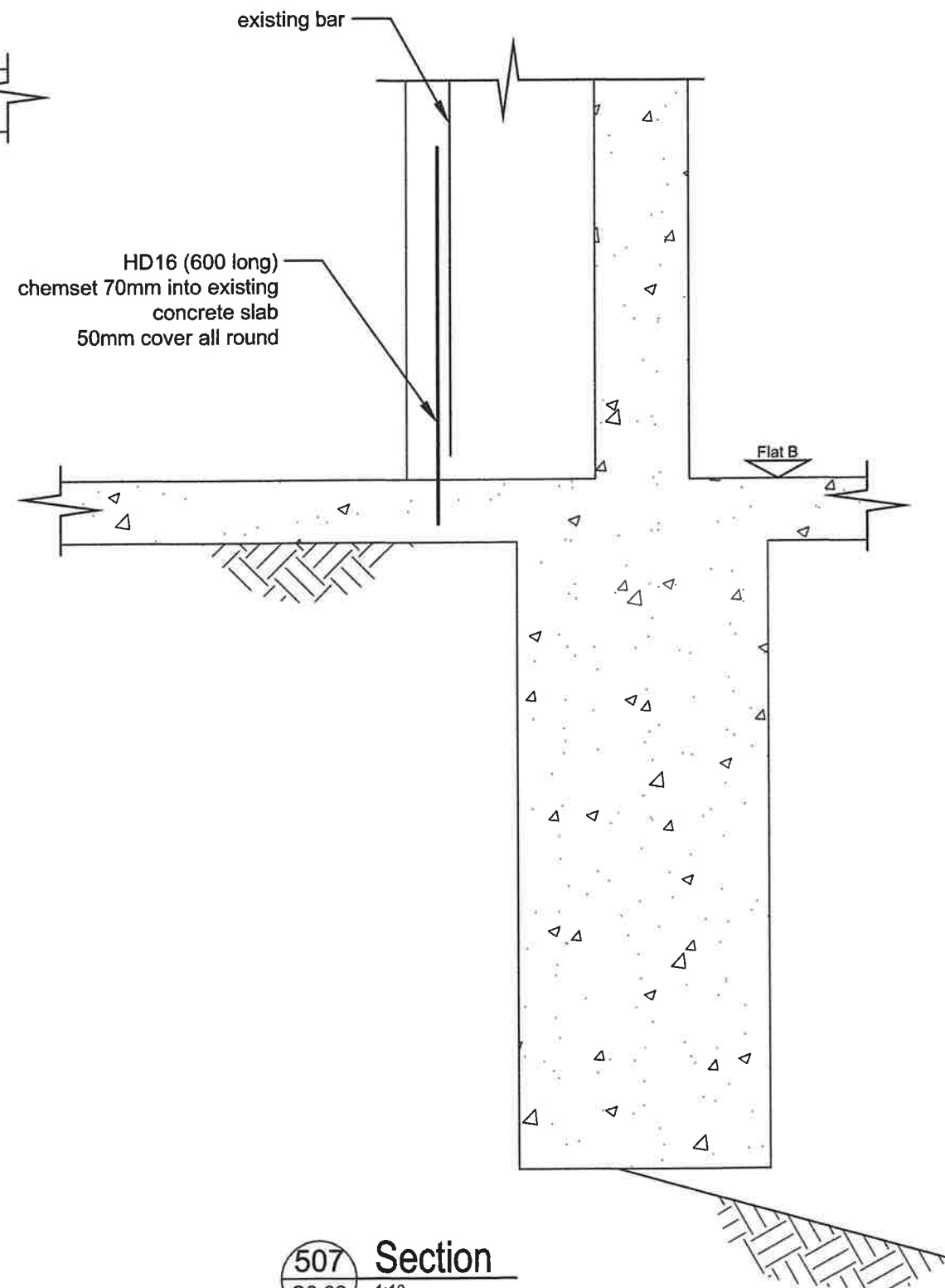
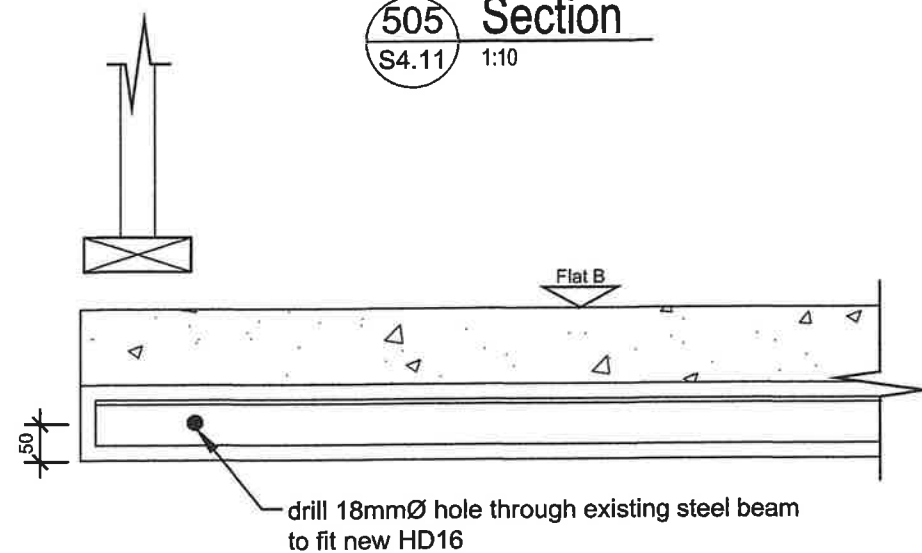
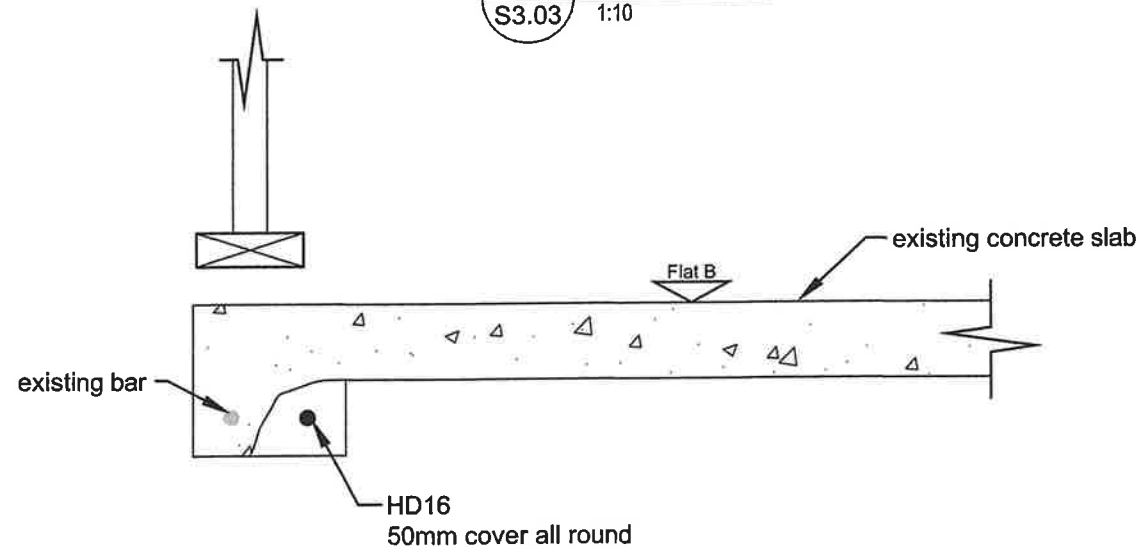
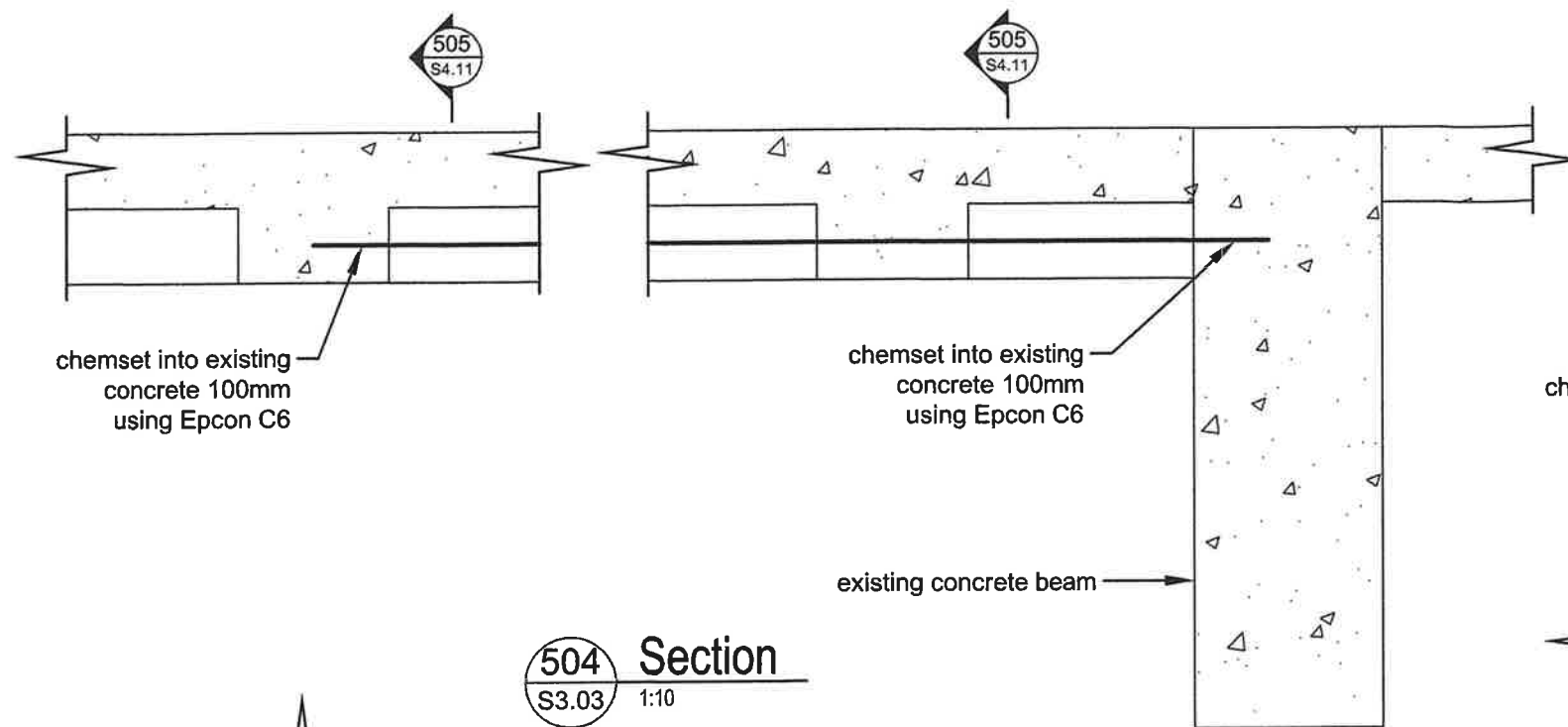
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Elevations

DESIGN	MJB/RLM	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3

SHEET No. S4.10 rev D

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A for Construction 28-03-13
No. REVISION DATE

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JOB No. 210263

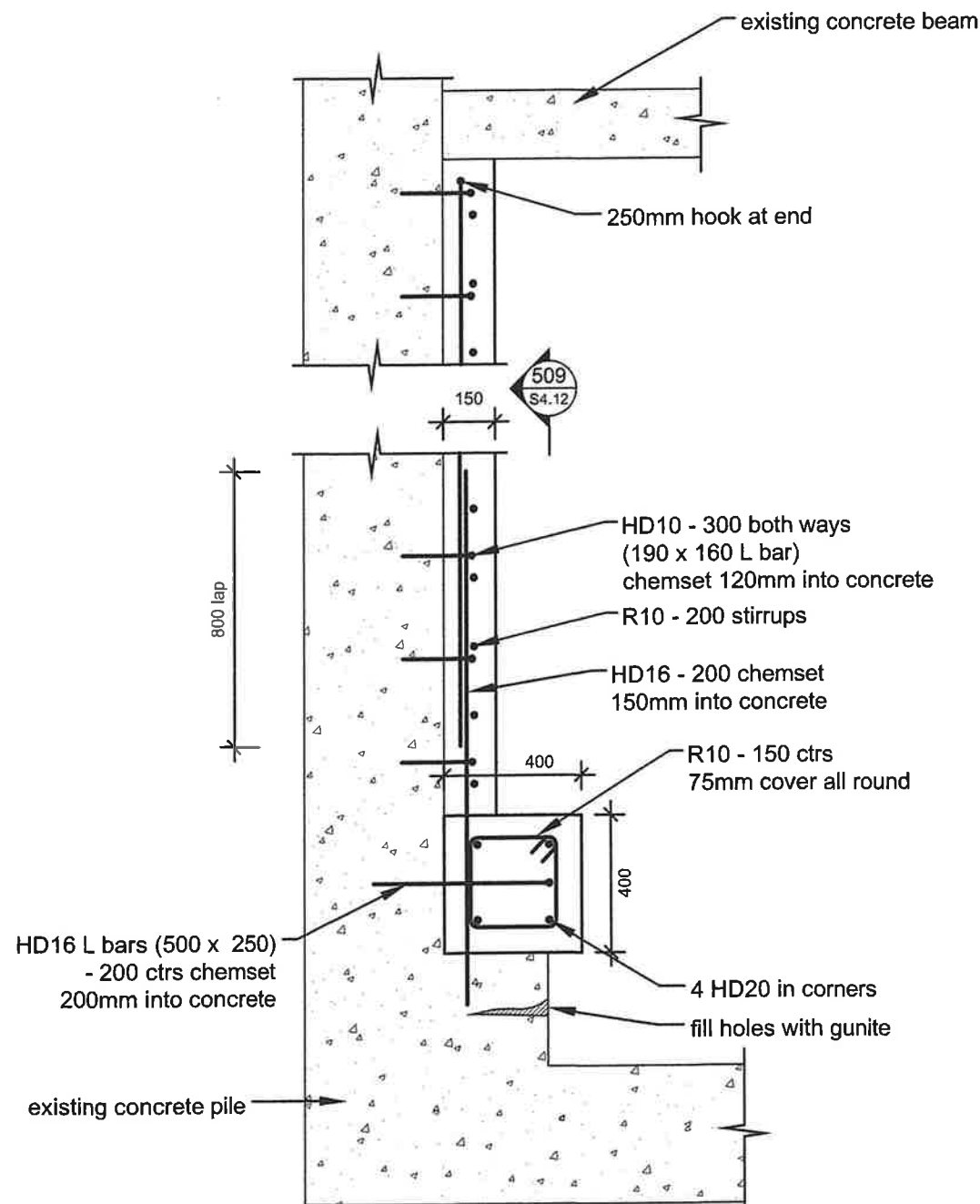
JOB TITLE
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Details (1)

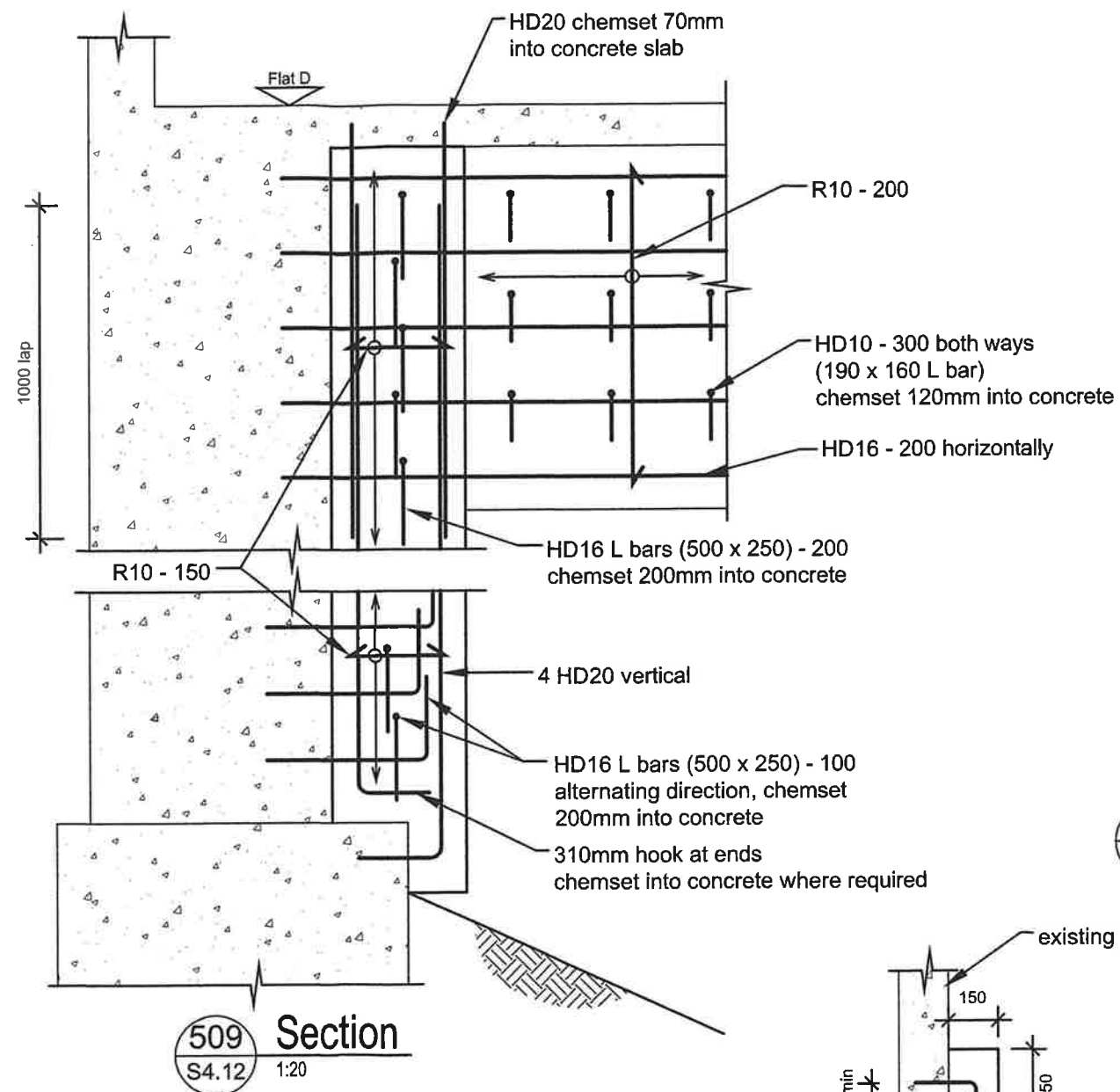
DESIGN RLW DRAWN ERY
CHECKED ALS ORIGINAL SIZE A3

SHEET No. S4.11 rev A

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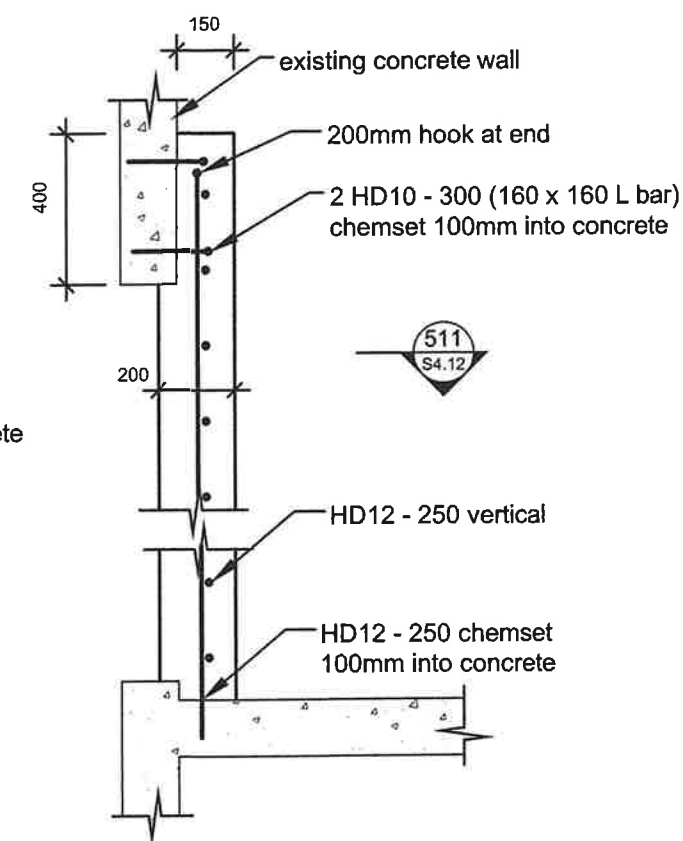


508 New Concrete Column - Plan
S3.01, S4.04:20

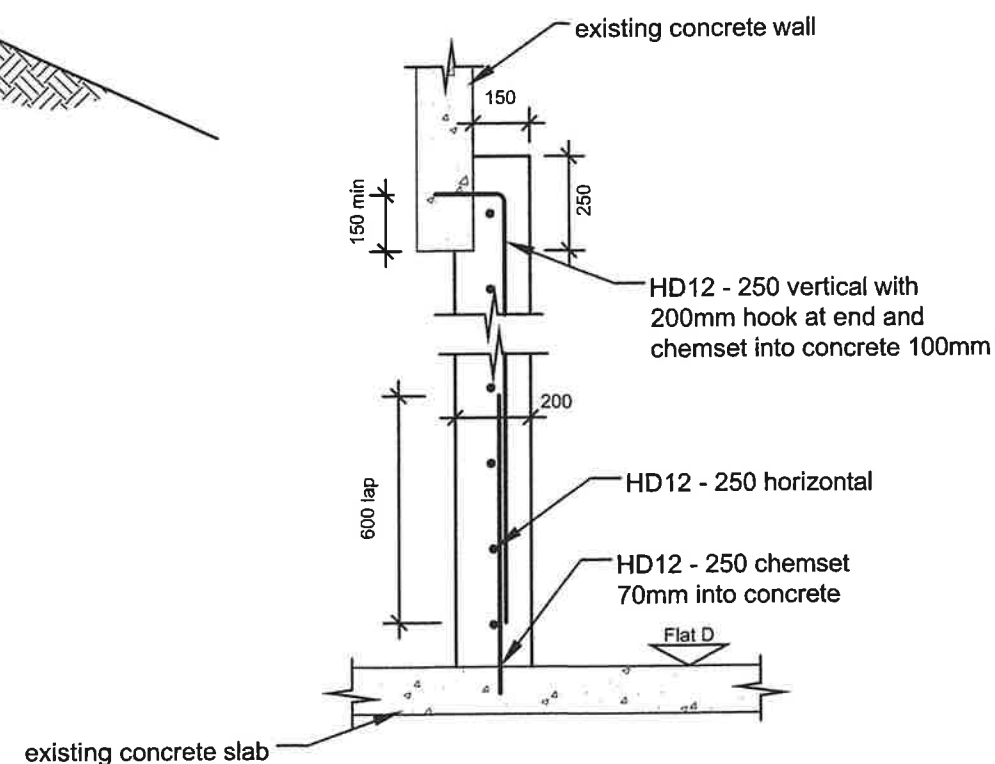


Section

1:20



510 New Concrete Wall - Plan
S3.02 1:20



511 New Concrete Wall - Elevation
S4.12 1:20

B	for Construction	12-06-13
A	for Construction	06-06-13
No.	REVISION	DATE

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JOB No. 210263

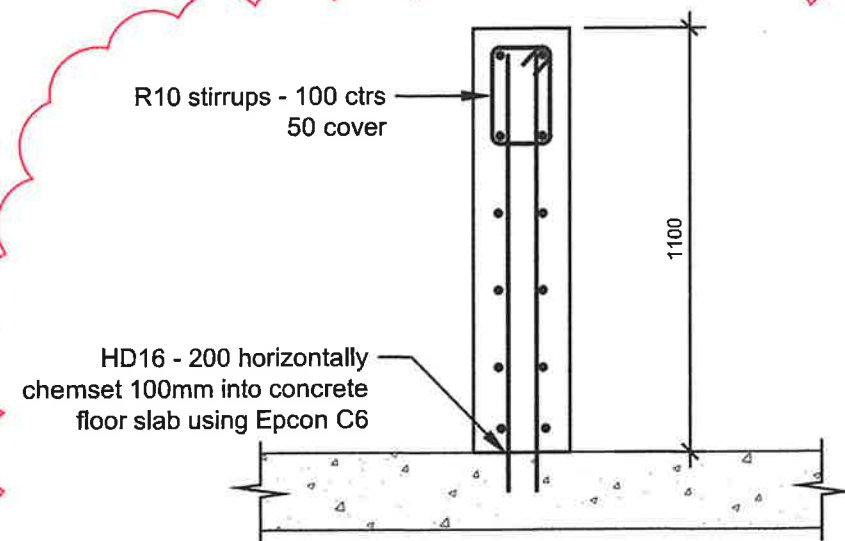
JOB TITLE
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
Details (2)

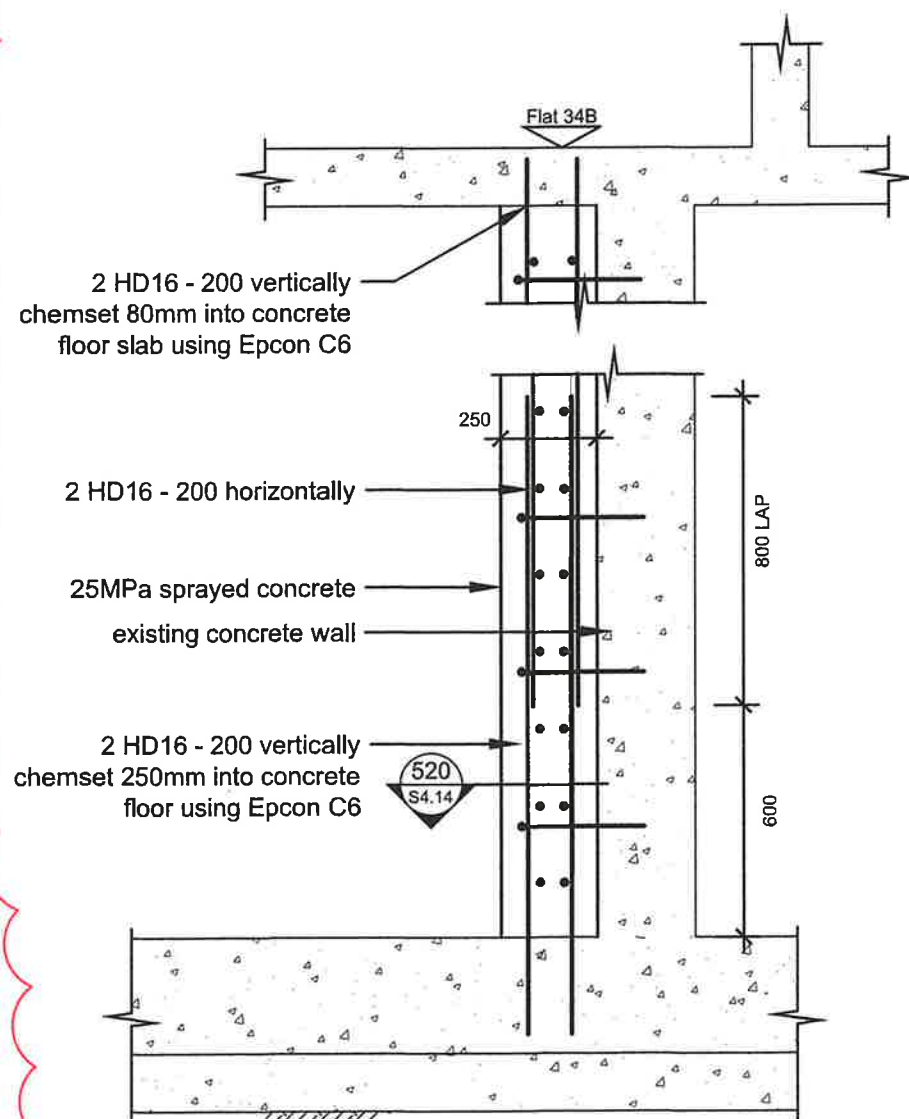
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CHECKED	ALS	ORIGINAL	SIZE A3

SHEET No. S4.12 rev B

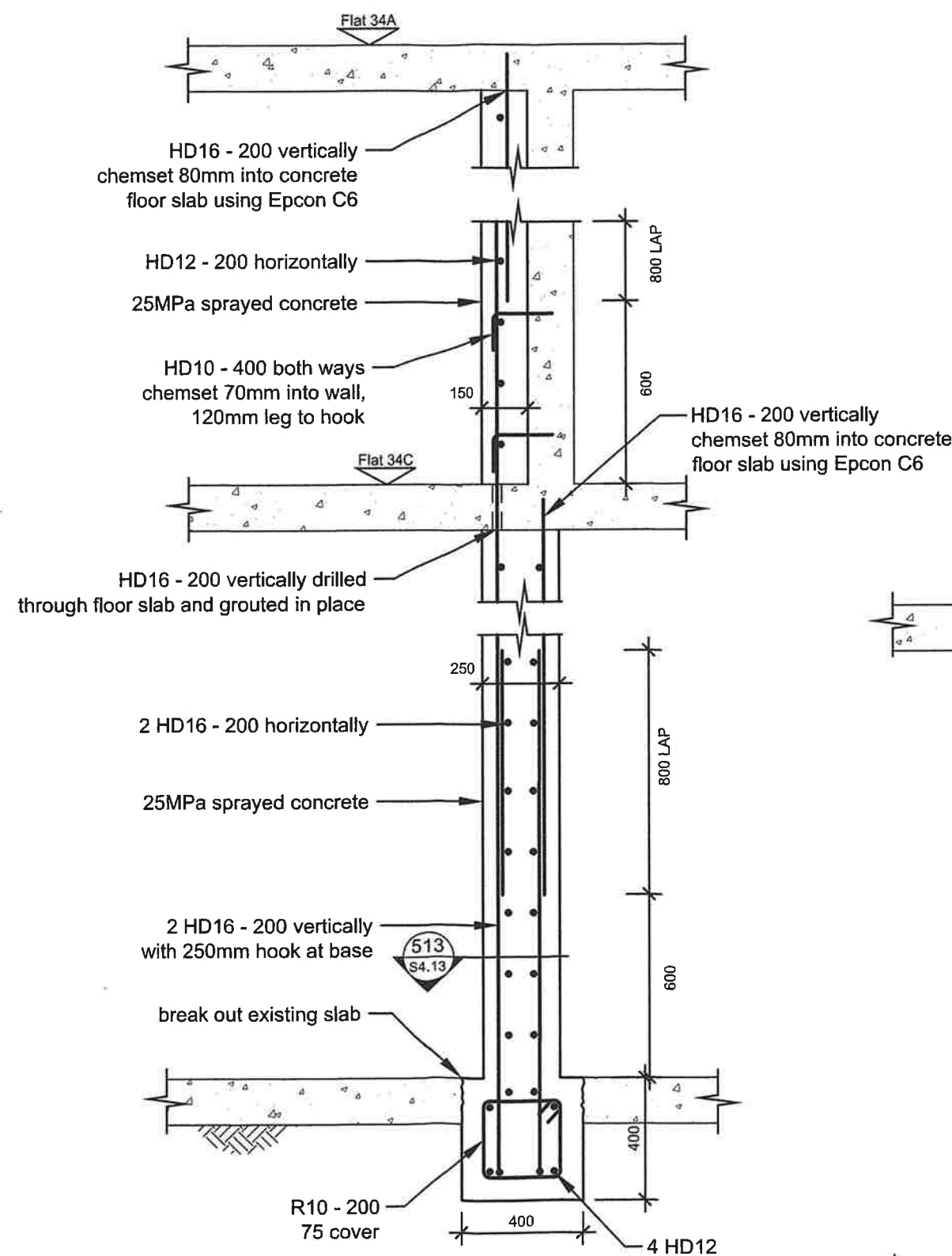
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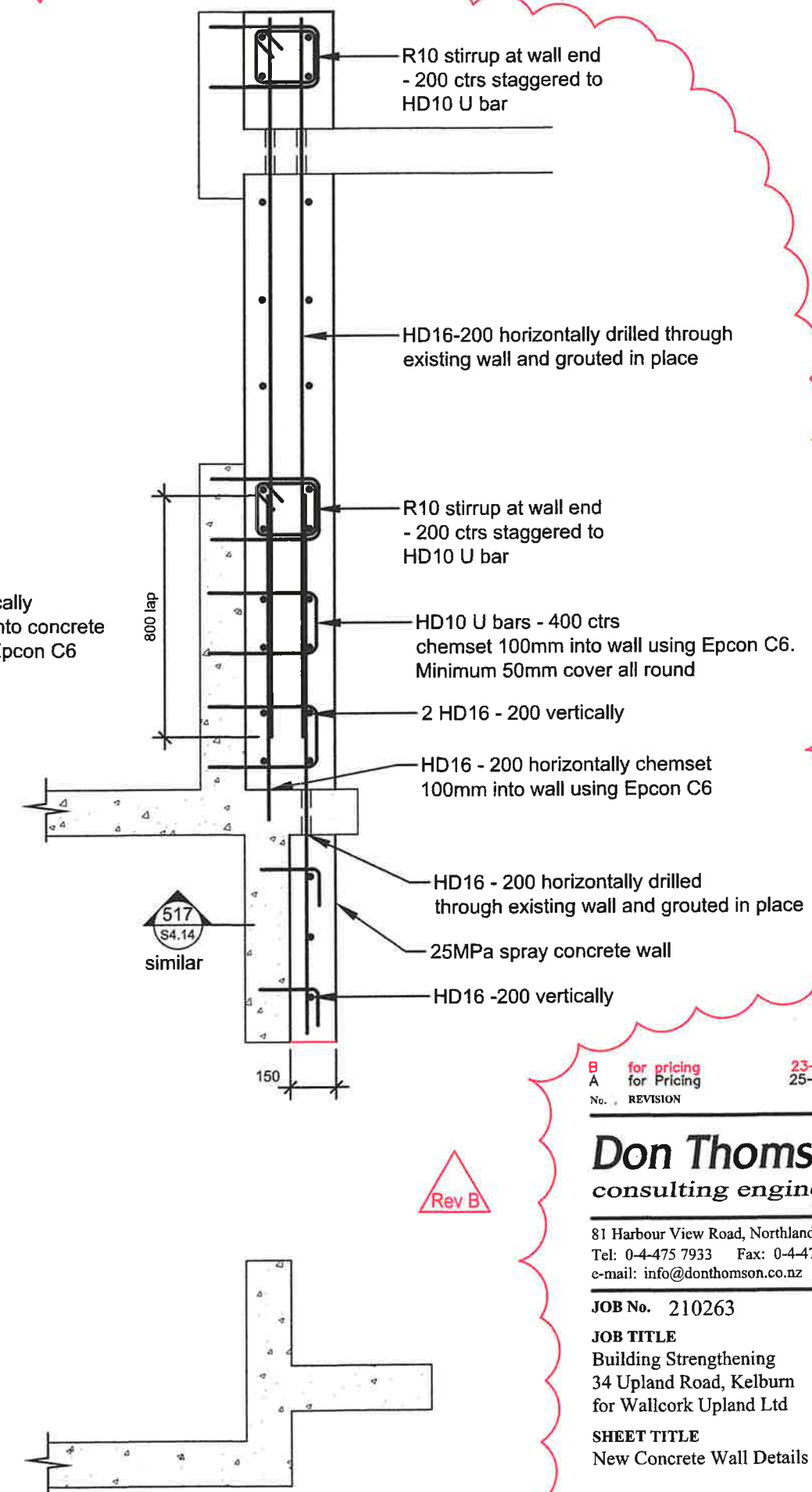
513 New Wall Plan Section
S4.13 1:20



512 Wall Section
S3.02 1:20



514 Wall Section
S3.02 1:20



515 Concrete Wall Plan Section
S3.03 1:20

Rev B

B for pricing 23-10-13
A for pricing 25-09-13
No. REVISION DATE

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JOB No. 210263

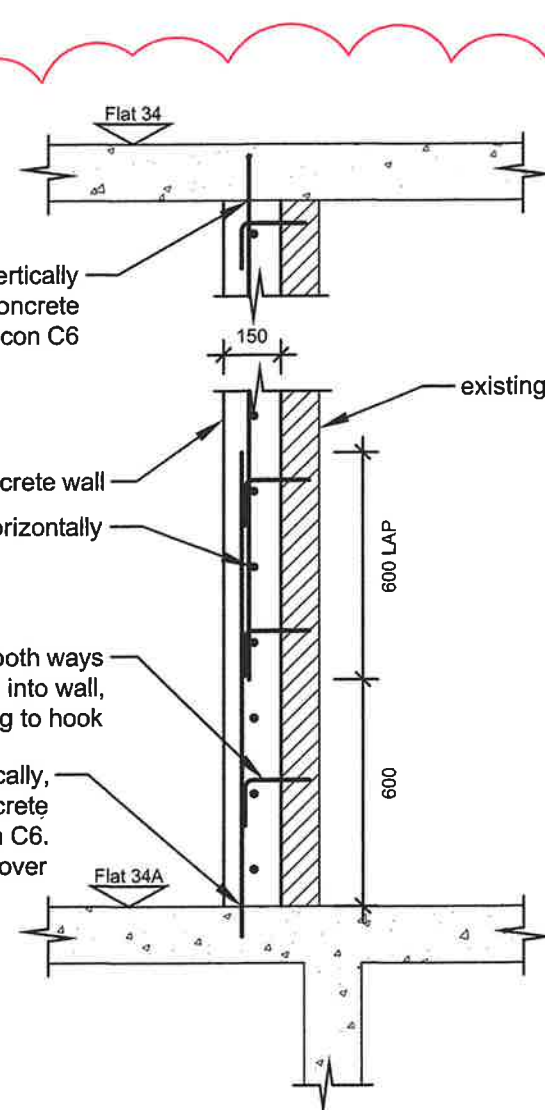
JOB TITLE
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
New Concrete Wall Details (1)

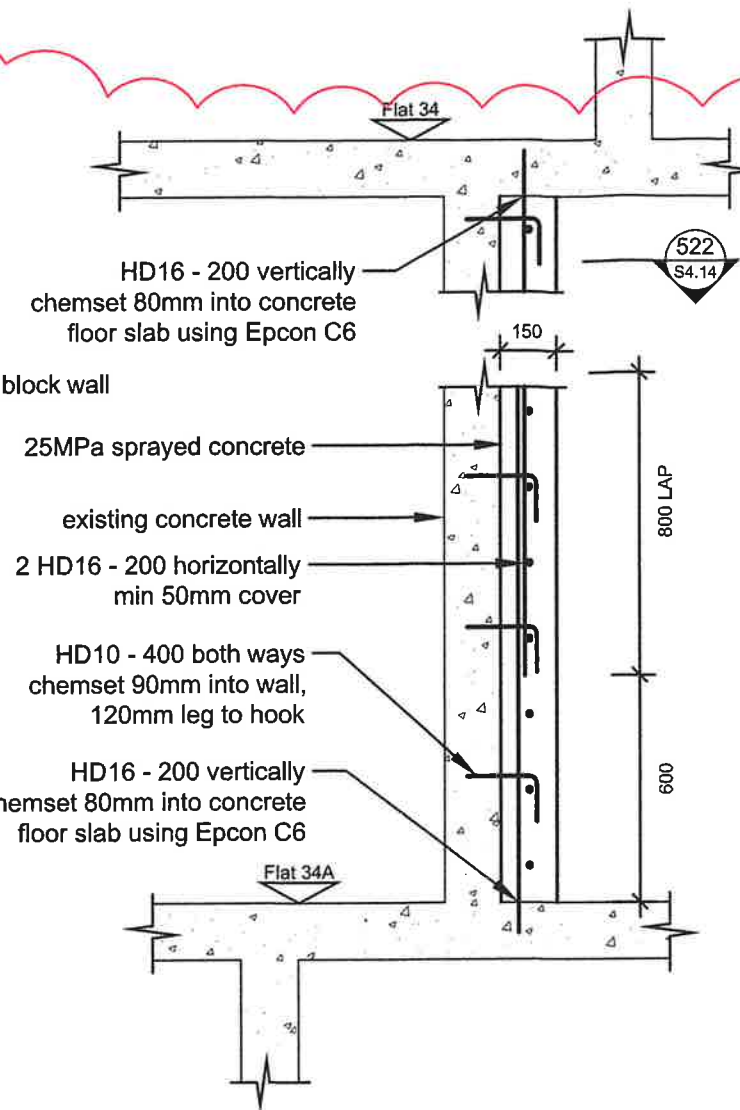
DESIGN MJB DRAWN ERY
CHECKED ALS ORIGINAL SIZE A3

SHEET No. S4.13 rev B

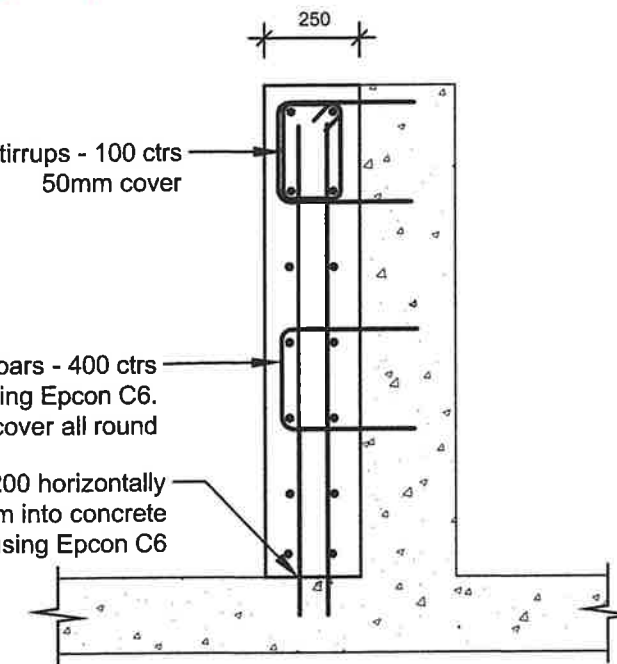
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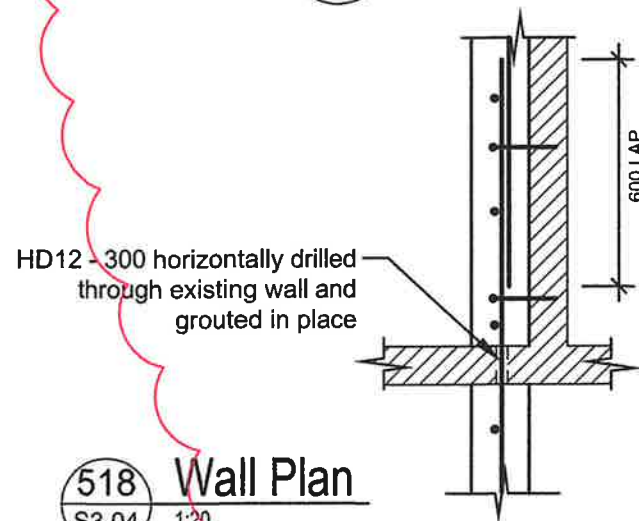
516 Wall Section
S3.04 1:20



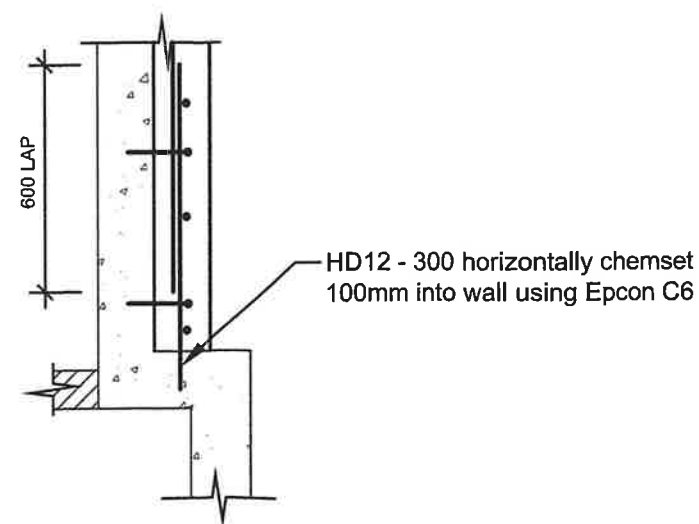
517 Wall Section
S3.04 1:20



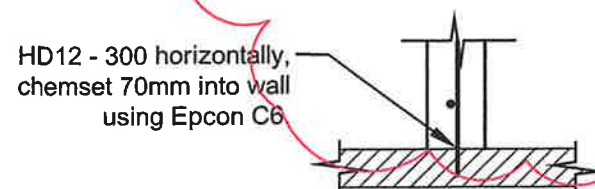
520 New Wall Plan Section
S4.13 1:20



518 Wall Plan
S3.04 1:20



522 New Wall Plan Section
S3.04 1:20



519 Wall Plan
S3.04 1:20

B for Pricing 23-10-13
A for Pricing 25-09-13
No REVISION DATE

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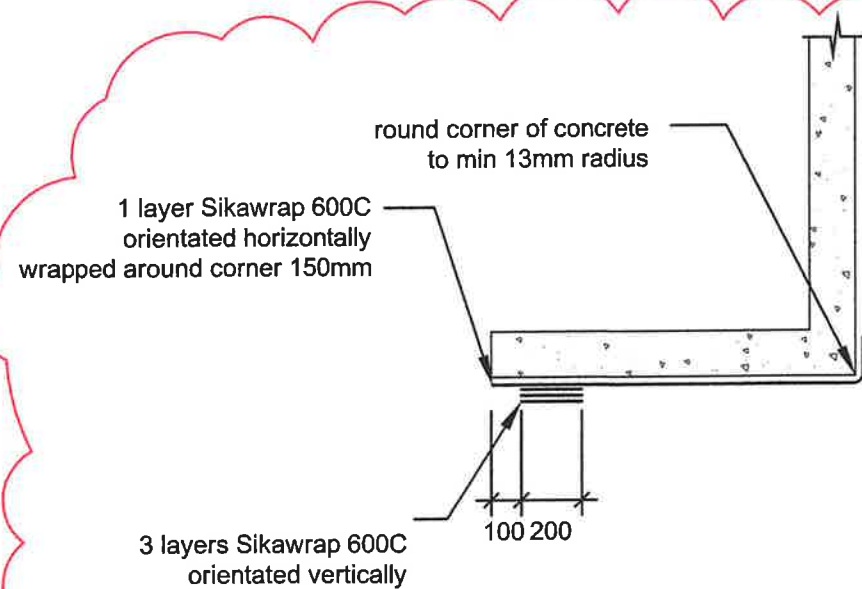
JOB TITLE
Building Strengthening
34 Upland Road, Kelburn
for Wallcork Upland Ltd

SHEET TITLE
New Concrete Wall Details (2)

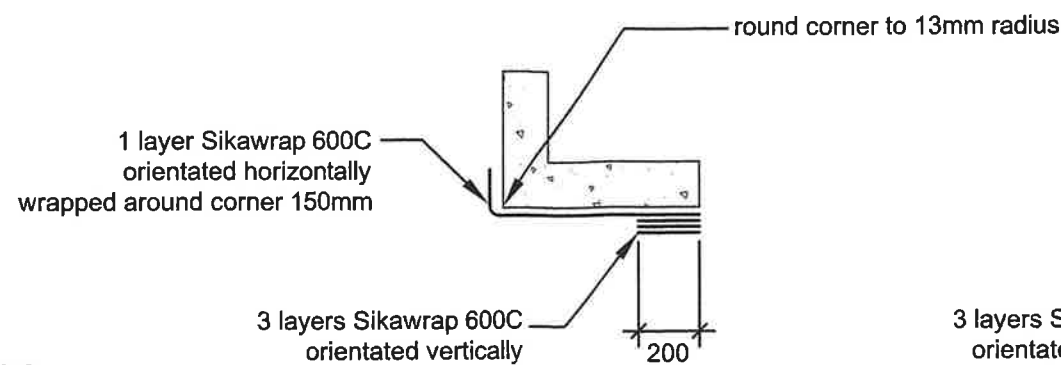
DESIGN MJB DRAWN ERY
CHECKED ALS ORIGINAL SIZE A3

SHEET No. S4.14 rev B

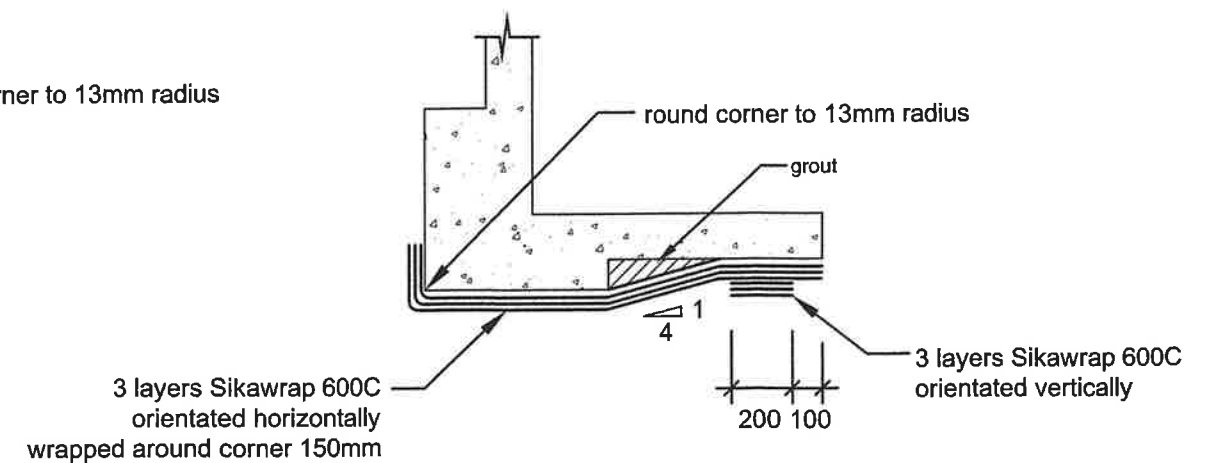
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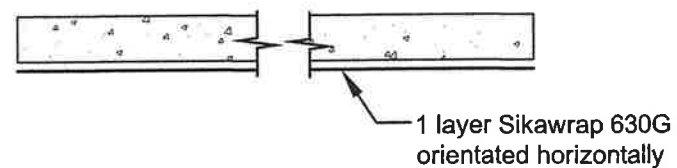
313 Fibrewrap Plan Section
S4.10 1:25



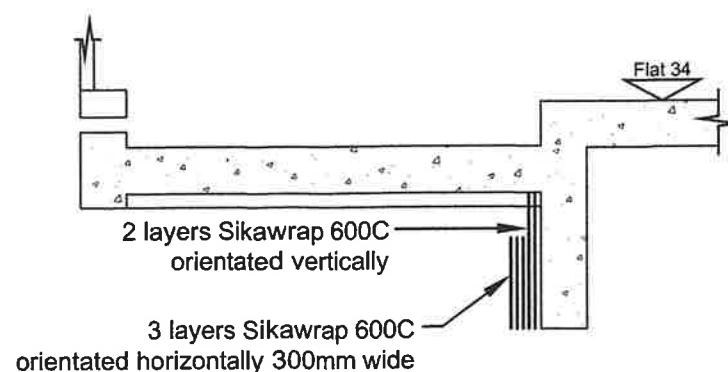
314 Fibrewrap Plan Section
S4.10 1:25



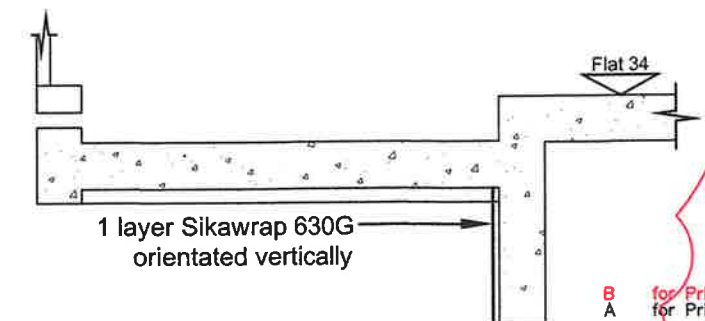
315 Fibrewrap Plan Section
S4.10 1:25



316 Plan View - Wall Section
S4.04 1:25



317 Beam Section
S4.04 1:25



318 Beam Section
S4.04 1:25

B for Pricing
A for Pricing
No. REVISION
23-10-13
25-09-13
DATE

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JOB No. 210263

JOB TITLE
Building Strengthening 67%
34 Upland Road, Kelburn
for Wallcork Upland Ltd

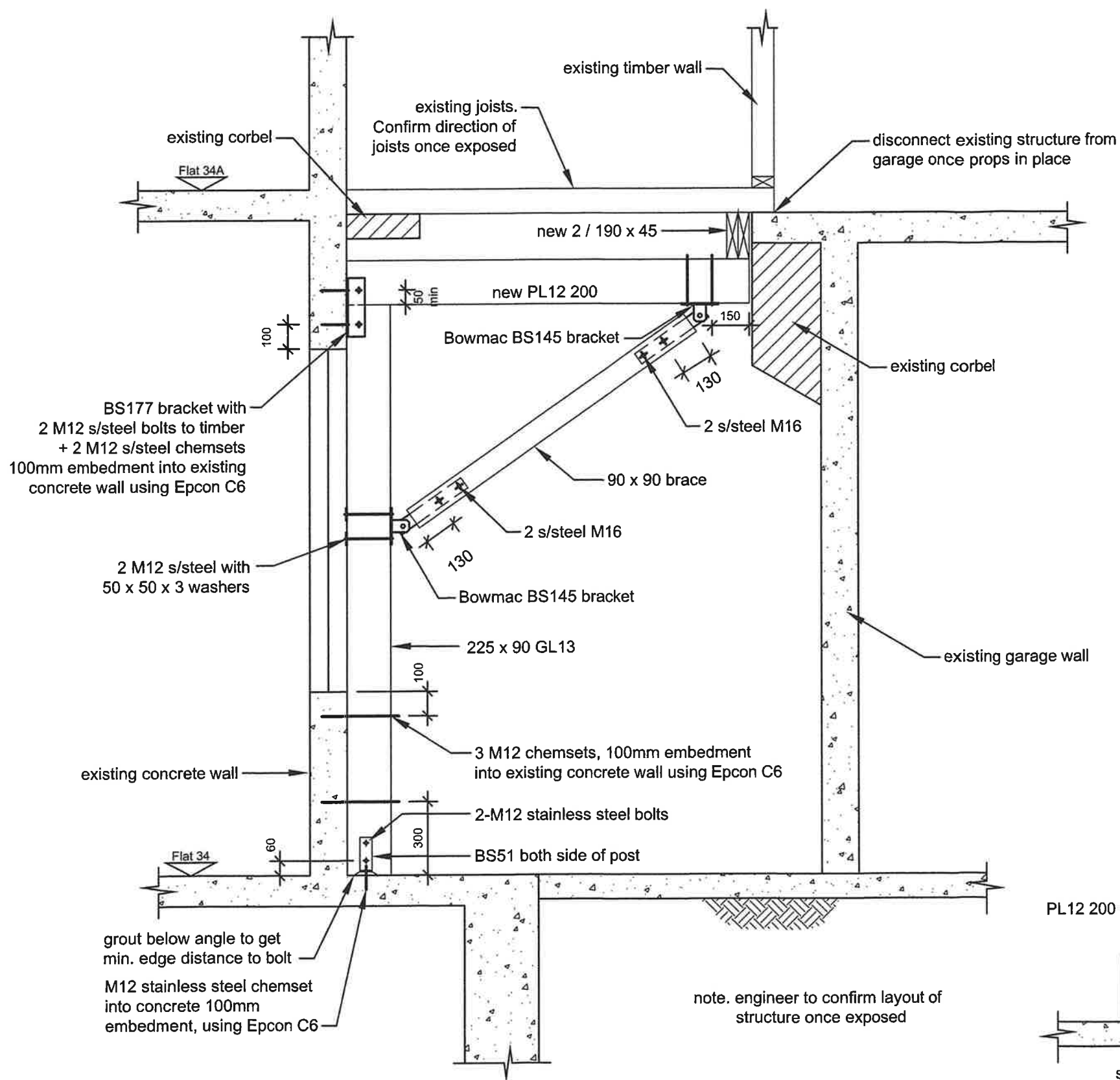
SHEET TITLE
FRP Wall Details

Rev B

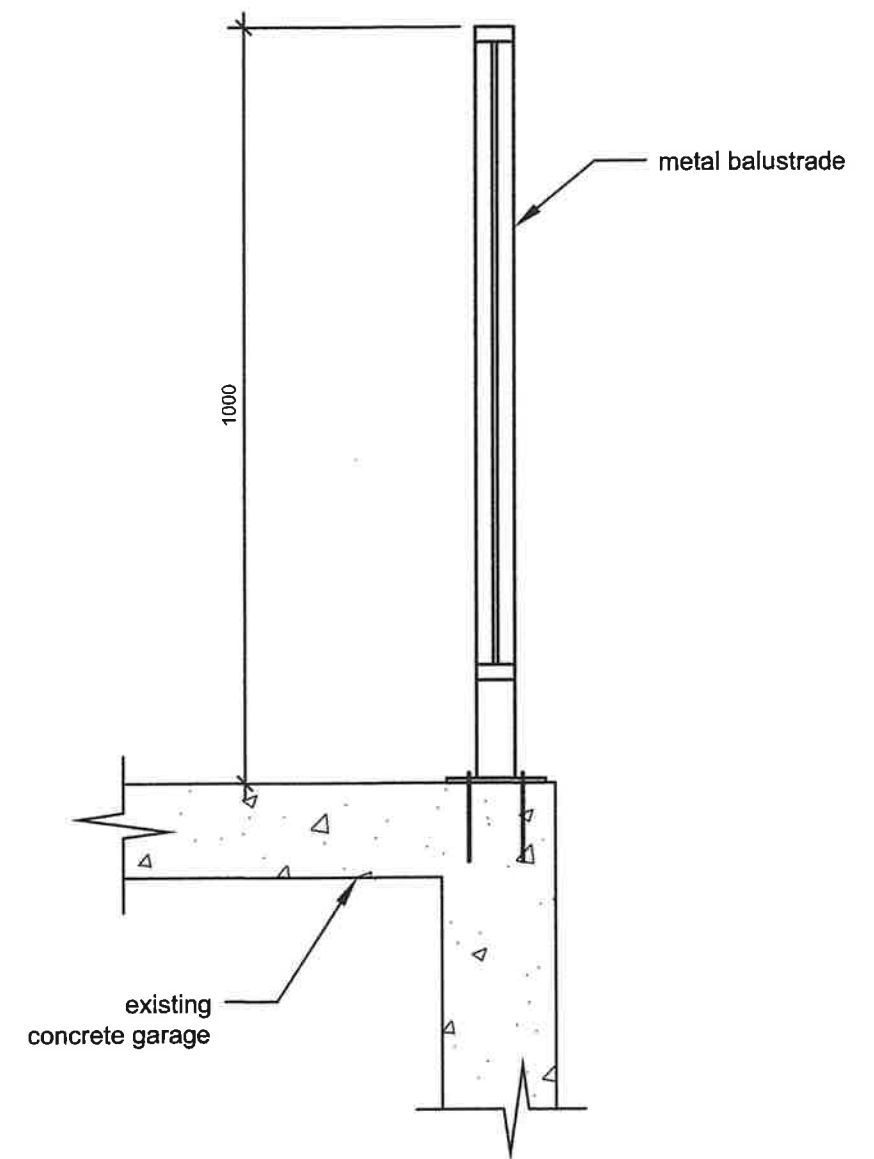
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CHECKED ALS ORIGINAL SIZE A3

SHEET No. S4.15 rev B

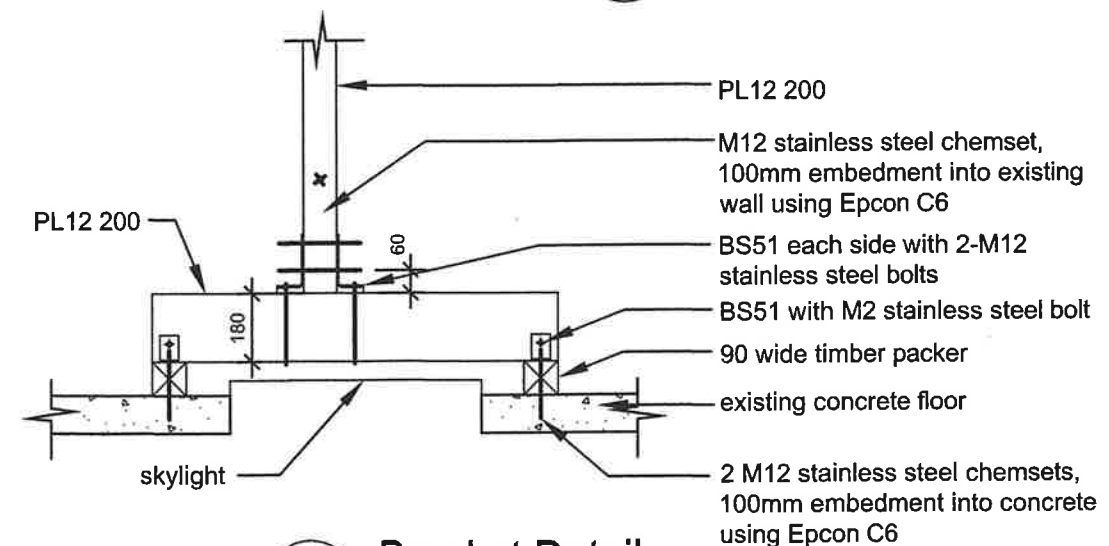
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601 Bracket Detail
S3.04 1:20



602 Typical balustrade detail
S3.05 1:10



603 Bracket Detail
S3.04 1:20

C	for Construction	23-10-13
B	for Review	23-08-13
A	for Construction	14-08-13
No.	REVISION	DATE

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JOB No. 210263

JOB TITLE
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for Wallcork Upland Ltd

SHEET TITLE
Deck Support Detail

DESIGN	RLW	DRAWN	ERY
CHECKED	ALS	ORIGINAL SIZE	A3

SHEET No. S6.01 rev C

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