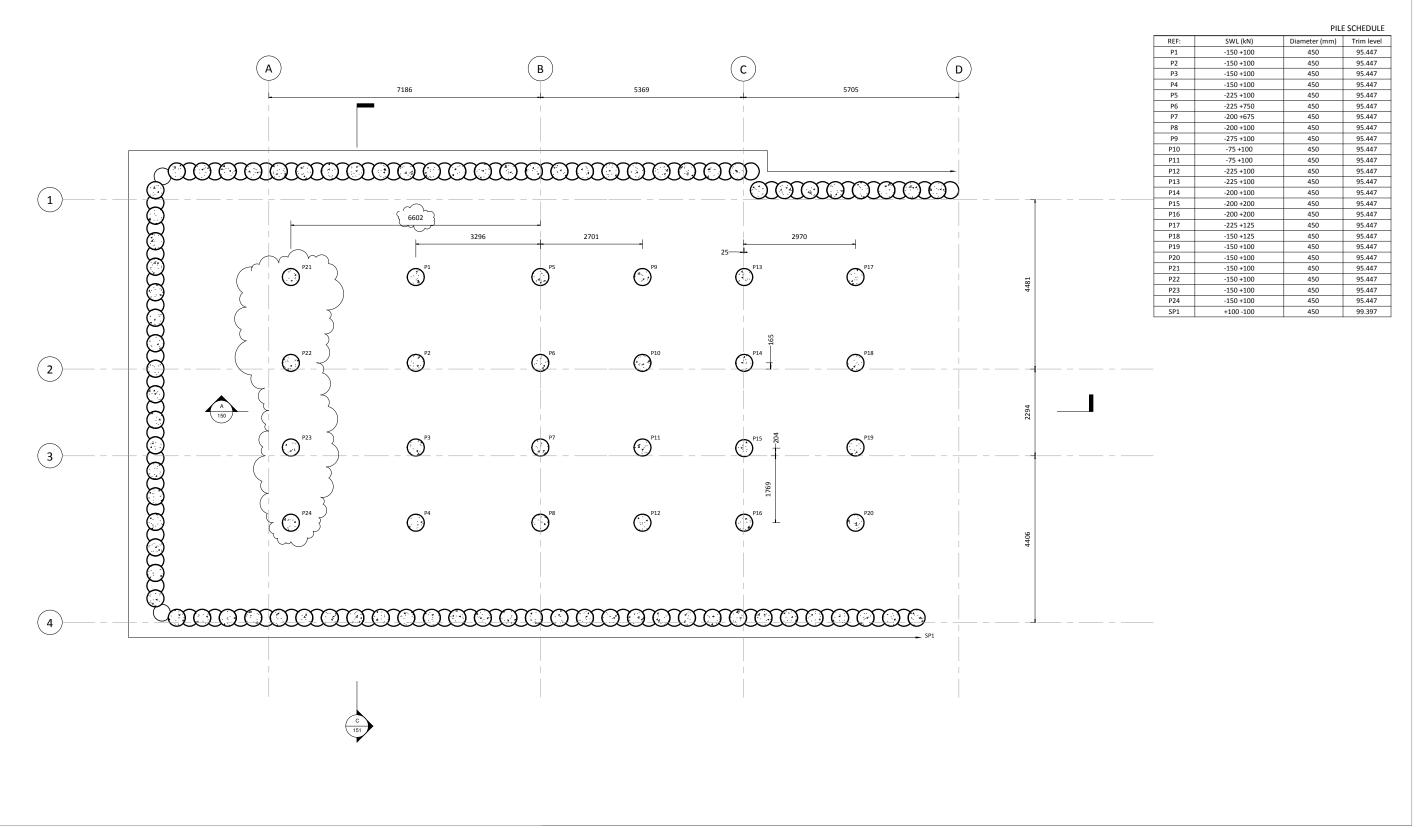
Appendix C – Proposed Structural Drawings



100mm @ A1 (50mm @ A

1 This drawing is to be read in conjunction with all relevant Architects, Engineers and specialists drawings and specifications.

- Do not scale from this drawing in either paper or digital form.
 Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm long
 A1 or 50mm long @ A3
- 3 Refer to existing structure set for existing structure 4 Negative values are tension trquirements

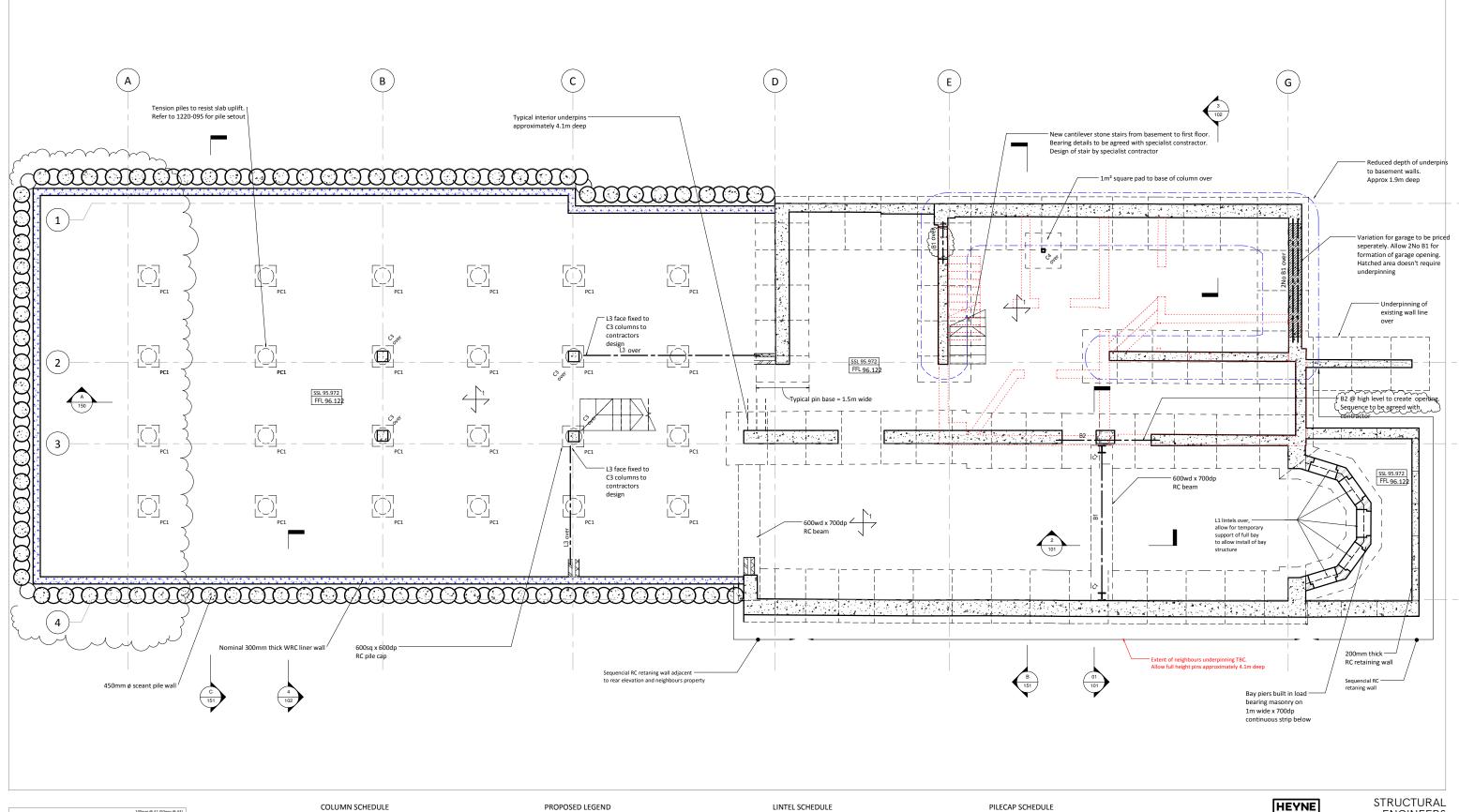
HEYNE TILLETT STEEL STRUCTURAL ENGINEERS

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PROPOSED PILE LAYOUT

Т3	18.03.15	DP	BW	REVISED TENDER ISSUE				
T2	05.02.15	AC	BW	TENDER ISSUE	Purpose of Issue	Tender	Scale at A1	1:50
T1	23.01.15	AC	BW	TENDER ISSUE				
Rev	Date	Ву	Eng	Amendments	Drawing No.	1220/095	Rev.	Т3



1 This drawing is to be read in conjunction with all relevant

Engineers and specialists drawings and specifications.

- 2 Do not scale from this drawing in either paper or digital form. Use written dimensions only.

 To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3
- 3 Refer to existing structure set for existing structure

C1 203 UC52 C2 139.7x10 CHS 300sq RC column C4 100x100x10 SHS C6 3No 100x50 timber studs

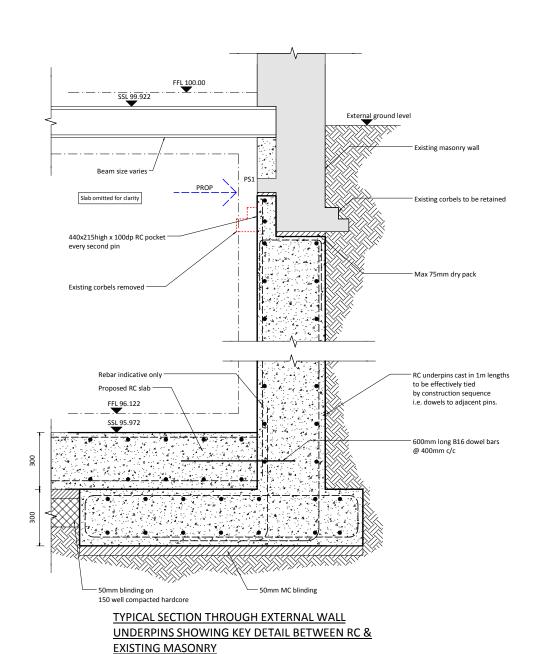
C7	2No 100x50 timber studs
	BEAM SCHEDULE
B1	203 UC52
B2	165x152/203x45.0 USFB S355
В3	200x150x8.0 RHS
B4	152 UC30
B5	100x100x10 RSA
В7	305x165 UB54
B10	150x90x24 PFC
CB1	300wd x 500dp RC downstand beam
CB2	300wd x 700dp RC downstand beam
DJ	Double joists
L3	200x100x10.0 RHS
TJ	Triple joists
WP1	200x50 timber resin bolted at 600mm c/c

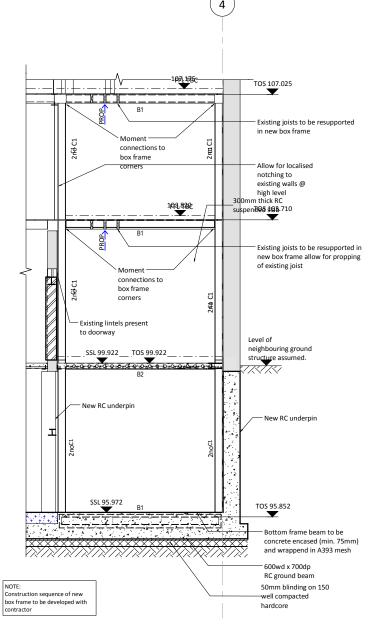
existing masonry structural walls Existing structure below Existing demolish structure 300mm thick WRC suspended slab on 50mm blinding and 150 hardcore 225mm thick RC suspended slab _ 2 800mm thick RC suspended slab _ 3 150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough 150x50 C24 timber joists at 400mm c/c with _ 5 18mm PLY over glued and screwed to top face 200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	200 x 100 x 10 RHS with 10mm plate to suit wall width
	PADSTONES LEGEND
PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

	PILECAP SCHEDULE				HEYNE	STRUCTURAL ENGINEERS
PC1	600x600x600dp MC pad				TILLETT STEEL	LINGINELIS
PC2	925wdx600dp RC capping beam				SIEEL	hts.uk.com
					Job Name 4 WEDDERBUR	N ROAD, LONDON
					NW3 5QE	
					Drawing Title	
					PROPOSED BAS	SEMENT PLAN
		75 40 00 45	 051/1650	TENDED ICCUIE		

EMENT PLAN T5 18.03.15 DP BW REVISED TENDER ISSUE T4 06.03.15 AC BW TENDER ISSUE T3 05.02.15 DP BW TENDER ISSUE T2 23.01.15 AC BW TENDER ISSUE T1 16.01.15 AC BW TENDER ISSUE Drawing No. 1220 / 100 T4 Rev Date By Eng Amendments





Bottom frame beam to be concrete encased (min. 75mm) and wrappend in A393 mesh FFL 96.122 TOS 95.852 SSL 95.972 50mm blinding on 150 —well compacted hardcore 50mm blinding on 150 -well compacted hardcore $\underbrace{\begin{array}{c} \text{DWG} \\ \text{100} \\ \end{array}}_{1:10} \underbrace{\text{SECTION 2-2 - BOX FRAME BASE}}_{}$

PROPOSED LEGEND

 $\underbrace{ \overset{\text{DWG}}{\underset{1:50}{\text{DWG}}}} \underset{1:50}{\text{SECTION 1-1 - BOX FRAME ELEVATION}}$

1 This drawing is to be read in conjunction with all rele Engineers and specialists drawings and specification

1:10

2 Do not scale from this drawing in either paper or dig Use written dimensions only.

To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

Imm @ A3)		u	PLOIVIN SCHEDO
	C1	203 UC52	
elevant	C2	139.7x10 CHS	
	C3	300sq RC column	
ons.	C4	100x100x10 SHS	
ligital form.	C6	3No 100x50 timber studs	
	C7	2No 100x50 timber studs	

	3110 100/30 1111001 31003
C7	2No 100x50 timber studs
	BEAM SCHEDULE
B1	203 UC52
B2	165x152/203x45.0 USFB S355
В3	200x150x8.0 RHS
B4	152 UC30
B5	100x100x10 RSA
В7	305x165 UB54
B10	150x90x24 PFC
CB1	300wd x 500dp RC downstand beam
CB2	300wd x 700dp RC downstand beam
DJ	Double joists
L3	200x100x10.0 RHS
TJ	Triple joists
WP1	200x50 timber resin bolted at 600mm c/c

Existing masonry structural walls

	Existing structure below
	Existing demolish structure
43:	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
<u> </u>	225mm thick RC suspended slab
∠3	300mm thick RC suspended slab
<u> </u>	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
<u></u>	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
<u> </u>	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	200 x 100 x 10 RHS with 10mm plate to suit wall width
	PADSTONES LEGEND
PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone

PS5 800lg x 300dp x 100wd MC padstone

LINTEL SCHEDULE

	PILECAP SCHEDU
PC1	600x600x600dp MC pad
PC2	925wdx600dp RC capping beam

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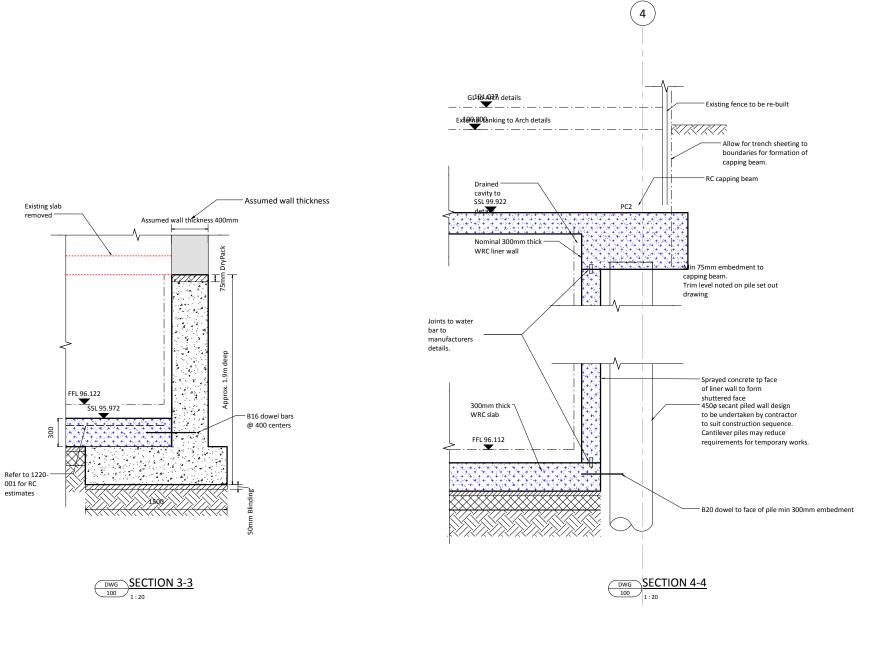
Rev Date By Eng Amendments

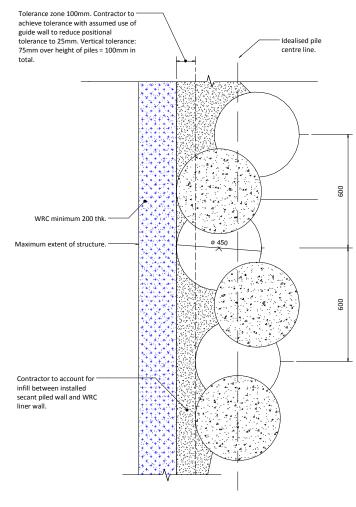
					PROPOSED BASEME —— SHEET 1	NT DETAILS
T5	18.03.15	DP	BW	UPDATED TENDER ISSUE	— SHEELI	
T4	06.03.15	AC	BW	TENDER ISSUE		
Т3	05.02.15	DP	BW	TENDER ISSUE		
T2	23.01.15	AC	BW	TENDER ISSUE	Purpose of Issue Tender	Scale at A1
T1	16.01.15	AC	BW	TENDER ISSUE		indica
						_

HEYNE

Purpose of Issue	render	Scale at A1	AS
		ind	ficated
Drawing No.	1220/101	Rev.	T5

STRUCTURAL





<u>DETAIL 05 - TYPICAL PILE SECTION PLAN @</u> <u>UNDERSIDE OF BASEMENT SLAB</u>

1:1

100mm @ A1 (5

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 Engineers and specialists drawings and specifications.

Do not scale from this drawing in either paper or digital form.
 Use written dimensions only.
 To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

COLUMN SCHEDULE

C1	203 UC52
C2	139.7x10 CHS
C3	300sq RC column
C4	100x100x10 SHS
C6	3No 100x50 timber studs
C7	2No 100x50 timber studs

	BEAM SCHEDULE
B1	203 UC52
B2	165x152/203x45.0 USFB S355
В3	200x150x8.0 RHS
B4	152 UC30
B5	100x100x10 RSA
В7	305x165 UB54
B10	150x90x24 PFC
CB1	300wd x 500dp RC downstand beam
CB2	300wd x 700dp RC downstand beam
DJ	Double joists
L3	200x100x10.0 RHS
TJ	Triple joists
WP1	200x50 timber resin bolted at 600mm c/c

IMN SCHEDIII E

	Existing masonry structural walls
	Existing structure below
	Existing demolish structure
	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
	225mm thick RC suspended slab
<u> </u>	300mm thick RC suspended slab
4	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
<u></u>	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
<u></u>	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

PROPOSED LEGEND

LINTEL SCHEDULE

	ENVIEW SCHEDOLE
L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	200 x 100 x 10 RHS with 10mm plate to suit wall width

PADSTONES LEGEND

PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PILECAP SCHEDULE

PC1	600x600x600dp MC pad
PC2	925wdx600dp RC capping beam



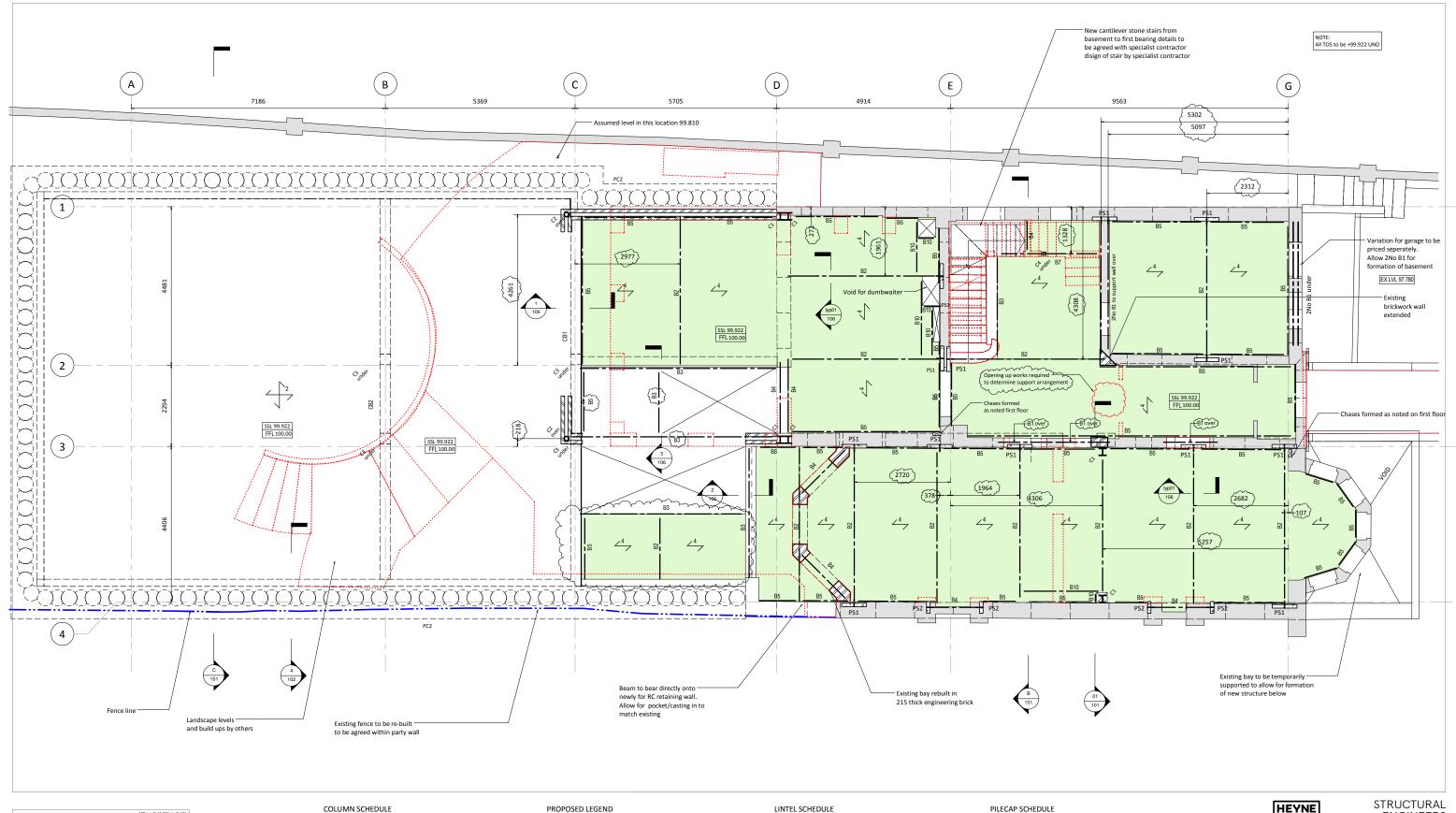
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PROPOSED BASEMENT DETAILS
SHEET 2

Rev	Date	Ву	Eng	Amendments	Drawing No.	1220/1
T1	16.01.15	AC	BW	TENDER ISSUE		
T2	23.01.15	AC	BW	TENDER ISSUE	Purpose of Issue	Tender
Т3	05.02.15	DP	BW	TENDER ISSUE		
T4	18.03.15	DP	BW	UPDATED TENDER ISSUE		



1 This drawing is to b

2 Do not scale from t Use written dimensions only.

To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

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		COLUMN SCHEDU
100mm @ A1 (50mm @ A3)	_	I
	C1	203 UC52
be read in conjunction with all relevant	C2	139.7x10 CHS
ecialists drawings and specifications.	C3	300sq RC column
ecialists drawings and specifications.	C4	100x100x10 SHS
n this drawing in either paper or digital form.	C6	3No 100x50 timber studs
ensions only.	C7	2No 100x50 timber studs

C7	2No 100x50 timber studs
	BEAM SCHEDULE
B1	203 UC52
В2	165x152/203x45.0 USFB S355
В3	200x150x8.0 RHS
B4	152 UC30
B5	100x100x10 RSA
В7	305x165 UB54
B10	150x90x24 PFC
CB1	300wd x 500dp RC downstand beam
CB2	300wd x 700dp RC downstand beam
DJ	Double joists
L3	200x100x10.0 RHS
TJ	Triple joists
WP1	200x50 timber resin bolted at 600mm c/c

existing masonry structural walls Existing structure below Existing demolish structure 300mm thick WRC suspended slab on 50mm blinding and 150 hardcore 225mm thick RC suspended slab _ 2 300mm thick RC suspended slab _ 3 150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough 150x50 C24 timber joists at 400mm c/c with _ 5 18mm PLY over glued and screwed to top face 200x50 C16 timber joists at 400mm c/c with

18mm PLY over glued and screwed to top face

L2	100dp timber lintel width to suit stud width
L3	$200 \times 100 \times 10$ RHS with 10mm plate to suit wall width
	PADSTONES LEGER
PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

150mm deep precast lintel no to suit wall width

L1

	PILECAP SCHEDULE					
PC1	600x600x600dp MC pad					
PC2	925wdx600dp RC capping beam					
		T4	18.03.15	DP	BW	TENDER ISSUE



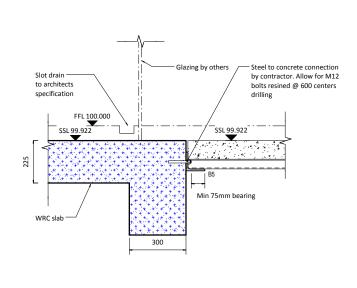
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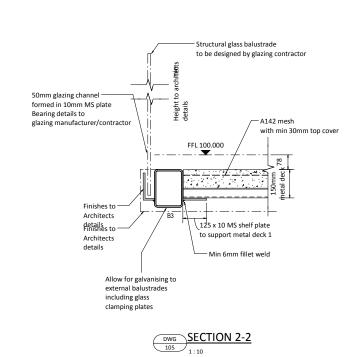
4 WEDDERBURN ROAD, LONDON NW3 5QE

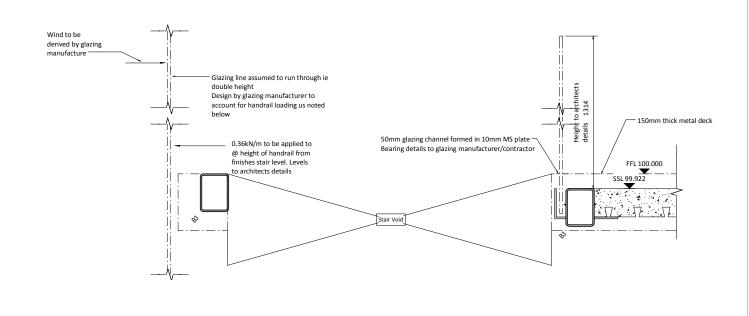
PROPOSED GROUND FLOOR PLAN

T3 05.02.15 DP BW TENDER ISSUE T2 23.01.15 AC BW TENDER ISSUE T1 16.01.15 AC BW TENDER ISSUE Drawing No. 1220 / 105 T4 Rev Date By Eng Amendments

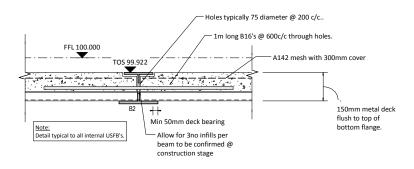


SECTION 1-1





DWG SECTION 3-3 1:10



TYPICAL SECTION THROUGH SLAB

1 This drawing is to be read in conjunction with all relevant Engineers and specialists drawings and specifications.

2 Do not scale from this drawing in either paper or digital form. Use written dimensions only.

To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

	COLOIVIN 3CF	IEDULE
C1	203 UC52	
C2	139.7x10 CHS	
C3	300sq RC column	
C4	100x100x10 SHS	
C6	3No 100x50 timber studs	
C7	2No 100x50 timber studs	
	•	

C7	2No 100x50 timber studs			
	BEAM SCHEDULE			
B1	203 UC52			
B2	165x152/203x45.0 USFB S355			
В3	200x150x8.0 RHS			
B4	152 UC30			
B5	100x100x10 RSA			
В7	305x165 UB54			
B10	150x90x24 PFC			
CB1	300wd x 500dp RC downstand beam			
CB2	300wd x 700dp RC downstand beam			
DJ	Double joists			
L3	200x100x10.0 RHS			
TJ	Triple joists			
WP1	200x50 timber resin bolted at 600mm c/c			

COLLIMN SCHEDULE PROPOSED LEGEND

	Existing masonry structural walls
	Existing structure below
	Existing demolish structure
	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
<u> </u>	225mm thick RC suspended slab
<u> </u>	300mm thick RC suspended slab
4	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
_ 5	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
6	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

LINTEL SCHEDULE

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	$200 \times 100 \times 10$ RHS with 10mm plate to suit wall width

PADSTONES LEGEND

PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PILECAP SCHEDULE

PC1	600x600x600dp MC pad
PC2	925wdx600dp RC capping beam



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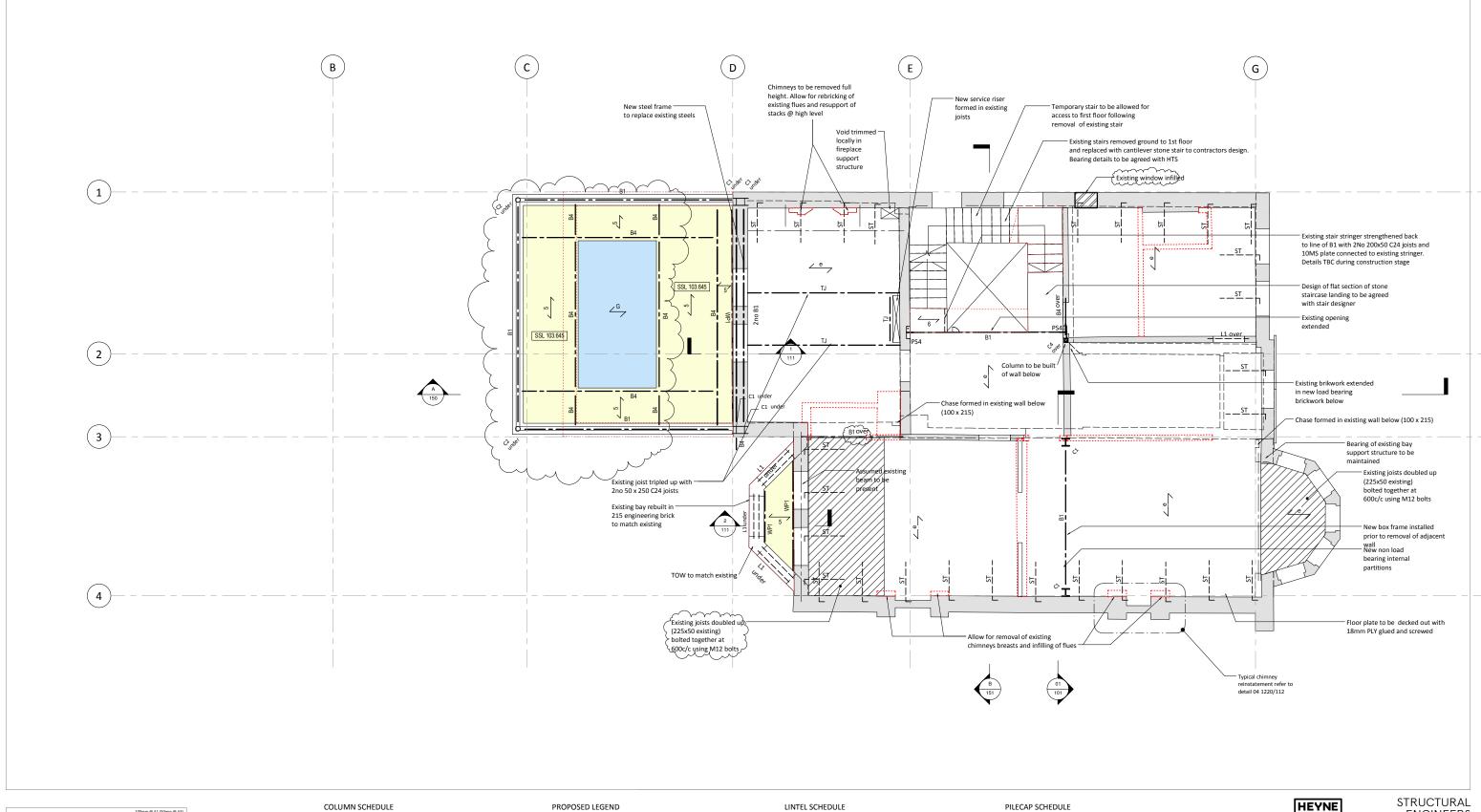
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4 WEDDERBURN ROAD, LONDON NW3 5QE

PROPOSED GROUND FLOOR DETAILS

Rev	Date	Ву	Eng	Amendments	Drawing No.	1220/10
T1	16.01.15	AC	BW	TENDER ISSUE		
T2	23.01.15	AC	BW	TENDER ISSUE	Purpose of Issue	Tender
T3	05.02.15	DP	BW	TENDER ISSUE		
T4	18.03.15	DP	BW	UPDATED TENDER ISSUE		

06 T4



2 Do not scale from this drawing in either paper or digital form. Use written dimensions only.

To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

C1 203 UC52 C2 139.7x10 CHS 300sq RC column C4 100x100x10 SHS C6 3No 100x50 timber studs C7 2No 100x50 timber studs

	BEAM SCHEDU
B1	203 UC52
В2	165x152/203x45.0 USFB S355
В3	200x150x8.0 RHS
В4	152 UC30
B5	100x100x10 RSA
В7	305x165 UB54
B10	150x90x24 PFC
CB1	300wd x 500dp RC downstand beam
CB2	300wd x 700dp RC downstand beam
DJ	Double joists
L3	200x100x10.0 RHS
TJ	Triple joists
WP1	200x50 timber resin bolted at 600mm c/c

	Existing masonry structural walls
	Existing structure below
	Existing demolish structure
	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
<u></u>	225mm thick RC suspended slab
<u> </u>	300mm thick RC suspended slab
4	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
<u></u>	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
<u>_6</u>	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
\(\frac{3}{4}\)	blinding and 150 hardcore 225mm thick RC suspended slab 300mm thick RC suspended slab 150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough 150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face 200x50 C16 timber joists at 400mm c/c with 18mm rc/c with 18

LINTEL SCHEDULE

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	$200 \times 100 \times 10$ RHS with 10mm plate to suit wall width

PADSTONES LEGEND

PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PILECAP SCHEDULE

PC1	600x600x600dp MC pad
PC2	925wdx600dp RC capping beam

TILLETT STEEL

ENGINEERS

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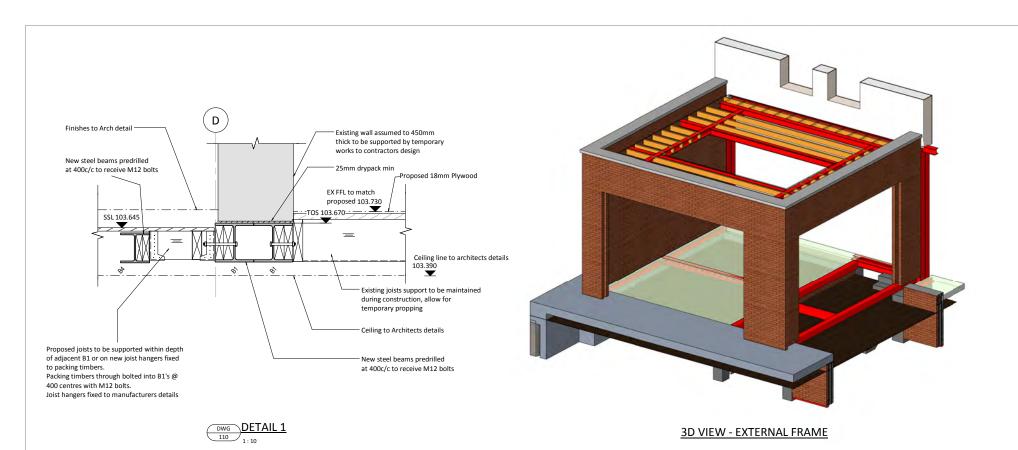
4 WEDDERBURN ROAD, LONDON

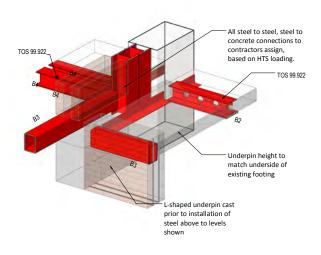
NW3 5QE

PROPOSED FIRST FLOOR PLAN

Rev	Date	Ву	Eng	Amendments	Drawing No.
T1	16.01.15	AC	BW	TENDER ISSUE	
T2	23.01.15	AC	BW	TENDER ISSUE	Purpose of Iss
Т3	05.02.15	DP	BW	TENDER ISSUE	
T4	18.03.15	DP	BW	TENDER ISSUE	

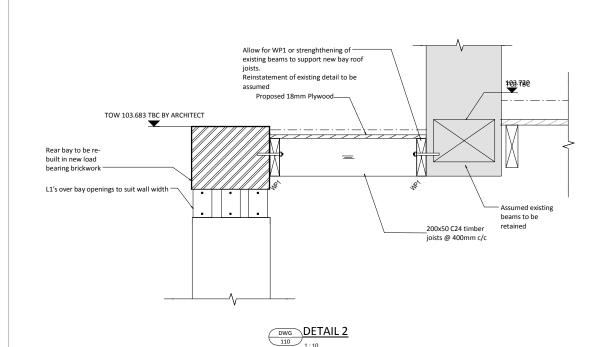
1220/110 T4

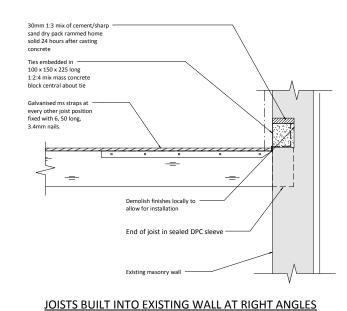




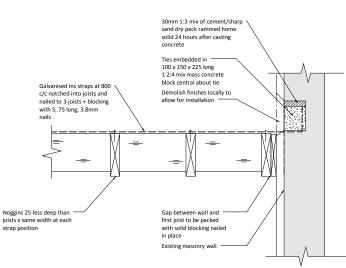
3D VIEW - BOTTOM FRAME

-NOTE: decking removed for clarity









JOISTS PARALLEL TO EXISTING WALL WITH MASONRY INFILL

1:10

- 1 This drawing is to be read in conjunction with all relevant Engineers and specialists drawings and specifications.
- 2 Do not scale from this drawing in either paper or digital form. Use written dimensions only.

 To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3
- 3 Refer to existing structure set for existing structure

COLUMN SCHEDULE

C1	203 UC52
C2	139.7x10 CHS
C3	300sq RC column
C4	100x100x10 SHS
C6	3No 100x50 timber studs
C7	2No 100x50 timber studs

C7	2No 100x50 timber studs		
	BEAM SCHEDU		
B1	203 UC52		
B2	165x152/203x45.0 USFB S355		
В3	200x150x8.0 RHS		
B4	152 UC30		
B5	100x100x10 RSA		
В7	305x165 UB54		
B10	150x90x24 PFC		
CB1	300wd x 500dp RC downstand beam		
CB2	300wd x 700dp RC downstand beam		
DJ	Double joists		
L3	200x100x10.0 RHS		
TJ	Triple joists		
WP1	200x50 timber resin bolted at 600mm c/c		

PROPOSED LEGEND

masonry structural walls
structure below
demolish structure
thick WRC suspended slab on 50mm g and 150 hardcore
thick RC suspended slab
thick RC suspended slab
thick MD60 V2 1.1 metal deck with lesh and 6mm bar/trough
C24 timber joists at 400mm c/c with PLY over glued and screwed to top face
C16 timber joists at 400mm c/c with PLY over glued and screwed to top face

LINTEL SCHEDULE

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	200 x 100 x 10 RHS with 10mm plate to suit wall width

WITH MASONRY INFILL

1:10

PADSTONES LEGEND

	171001011202202110
PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PILECAP SCHEDULE

PC1		600x600x600dp MC pad
	PC2	925wdx600dp RC capping beam



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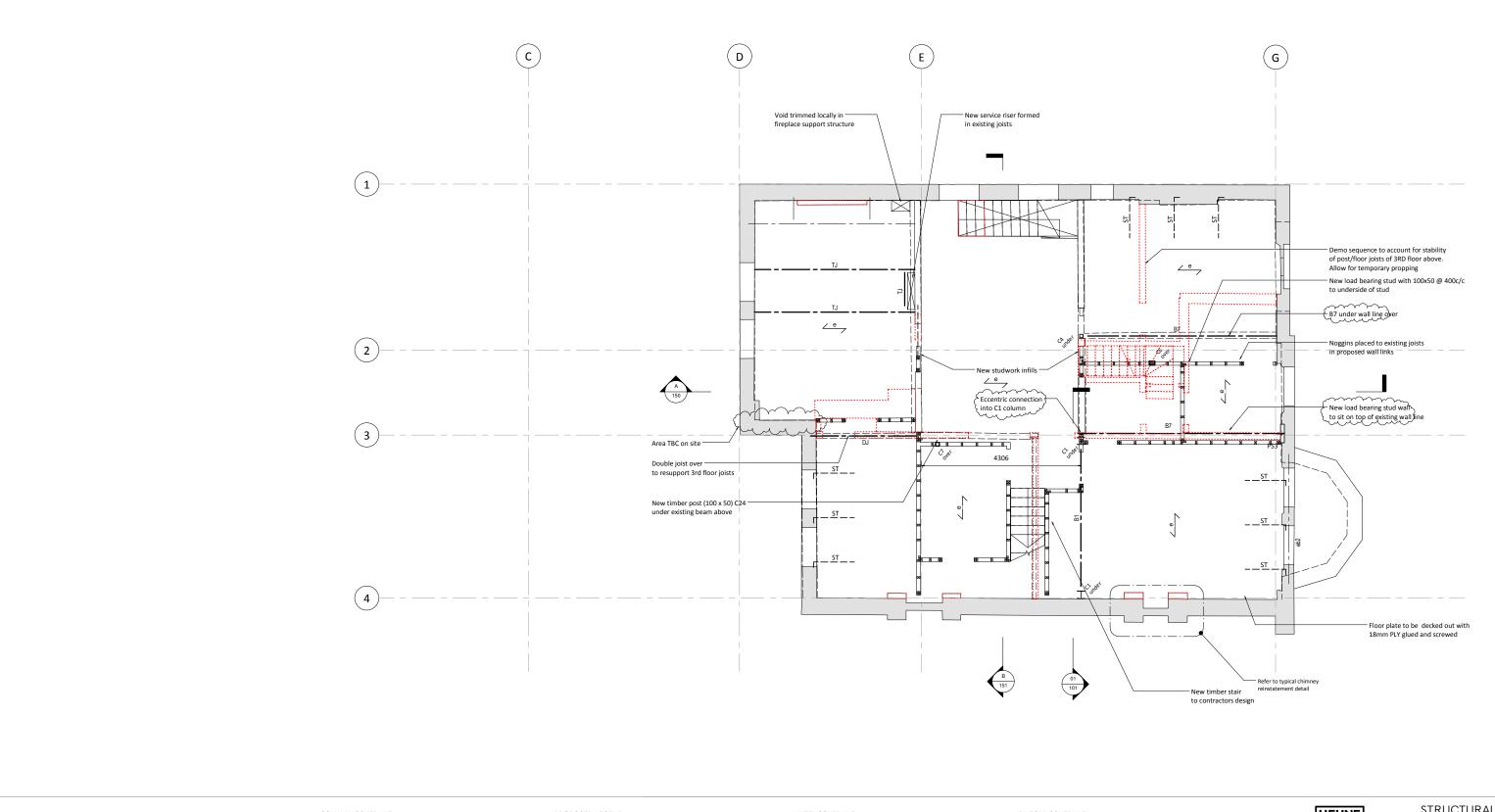
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PROPOSED FIRST FLOOR

					DETAILS	5
1	18.03.15	DP	BW	UPDATED TENDER ISSUE		
3	05.02.15	DP	BW	TENDER ISSUE		
2	23.01.15	AC	BW	TENDER ISSUE	Purpose of Issue	Tender
l	16.01.15	AC	BW	TENDER ISSUE		
v	Date	By	Eng	Amendments	Drawing No.	1220/1

Purpose of Issue	Tender	Scale at A1	1:10
Drawing No.	1220/111	Rev.	T4



2 Do not scale from this drawing in either paper or digital form. Use written dimensions only.

To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

COLUMN SCHEDULE

C1	203 UC52
C2	139.7x10 CHS
C3	300sq RC column
C4	100x100x10 SHS
C6	3No 100x50 timber studs
C7	2No 100x50 timber studs

	BEAM SCHEDULE
B1	203 UC52
B2	165x152/203x45.0 USFB S355
В3	200x150x8.0 RHS
B4	152 UC30
B5	100x100x10 RSA
В7	305x165 UB54
B10	150x90x24 PFC
CB1	300wd x 500dp RC downstand beam
CB2	300wd x 700dp RC downstand beam
DJ	Double joists
L3	200x100x10.0 RHS
TJ	Triple joists
WP1	200x50 timber resin bolted at 600mm c/c

PROPOSED LEGEND

	Existing masonry structural walls
	Existing structure below
	Existing demolish structure
143	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
	225mm thick RC suspended slab
<u>_ 3</u>	300mm thick RC suspended slab
4	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
_ 5	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

LINTEL SCHEDULE

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	200 x 100 x 10 RHS with 10mm plate to suit wall width

PADSTONES LEGEND

	FADSTONES LEGEND
PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PILECAP SCHEDULE

T2 23.01.15

PC1	600x600x600dp MC pad
PC2	925wdx600dp RC capping beam

HEYNE TILLETT STEEL

STRUCTURAL **ENGINEERS**

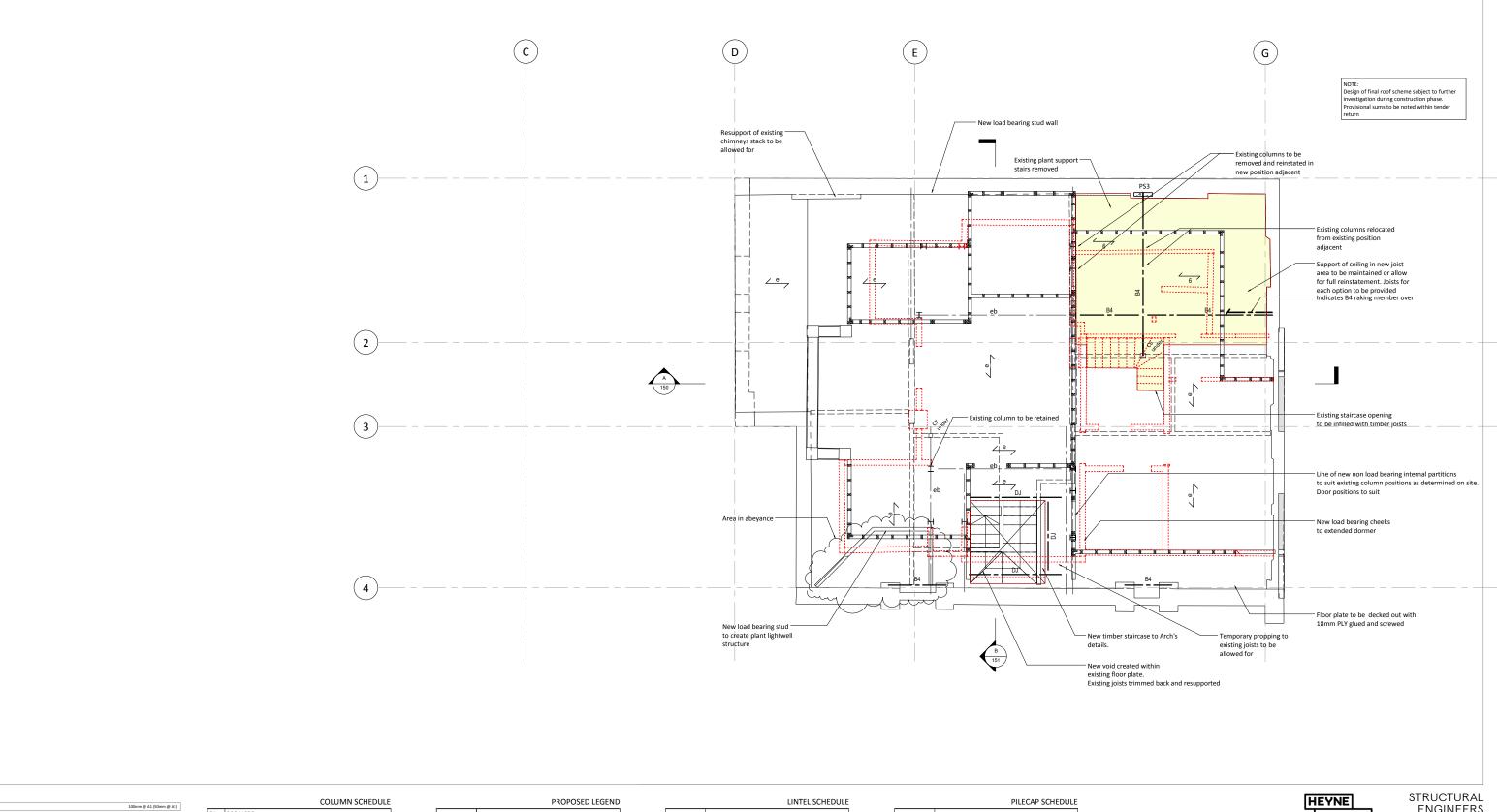
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4 WEDDERBURN ROAD, LONDON NW3 5QE

PROPOSED SECOND FLOOR PLAN

T3 05.02.15 DP B	V TENDER ISSUE	
T4 18.03.15 DP B	V UPDATED TENDER ISSUE	

T1 16.01.15 AC BW TENDER ISSUE Drawing No. 1220 / 120 T4 Rev Date By Eng Amendments



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To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

		_
C1	203 UC52	Τ
C2	139.7x10 CHS	_
C3	300sq RC column	
C4	100x100x10 SHS	Τ
C6	3No 100x50 timber studs	
C7	2No 100x50 timber studs	
•		_

	BEAM SCHEDULI
B1	203 UC52
B2	165x152/203x45.0 USFB S355
В3	200x150x8.0 RHS
B4	152 UC30
B5	100x100x10 RSA
В7	305x165 UB54
B10	150x90x24 PFC
CB1	300wd x 500dp RC downstand beam
CB2	300wd x 700dp RC downstand beam
DJ	Double joists
L3	200x100x10.0 RHS
TJ	Triple joists
WP1	200x50 timber resin bolted at 600mm c/c

	Existing masonry structural walls
	Existing structure below
	Existing demolish structure
143	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
	225mm thick RC suspended slab
<u>_ 3</u>	300mm thick RC suspended slab
4	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
∠ 5	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
_ 6	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	200 x 100 x 10 RHS with 10mm plate to suit wall width

PADSTONES LEGEND

	17100101120220211
PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PC1	600x600x600dp MC pad
PC2	925wdx600dp RC capping beam

TILLETT STEEL

ENGINEERS

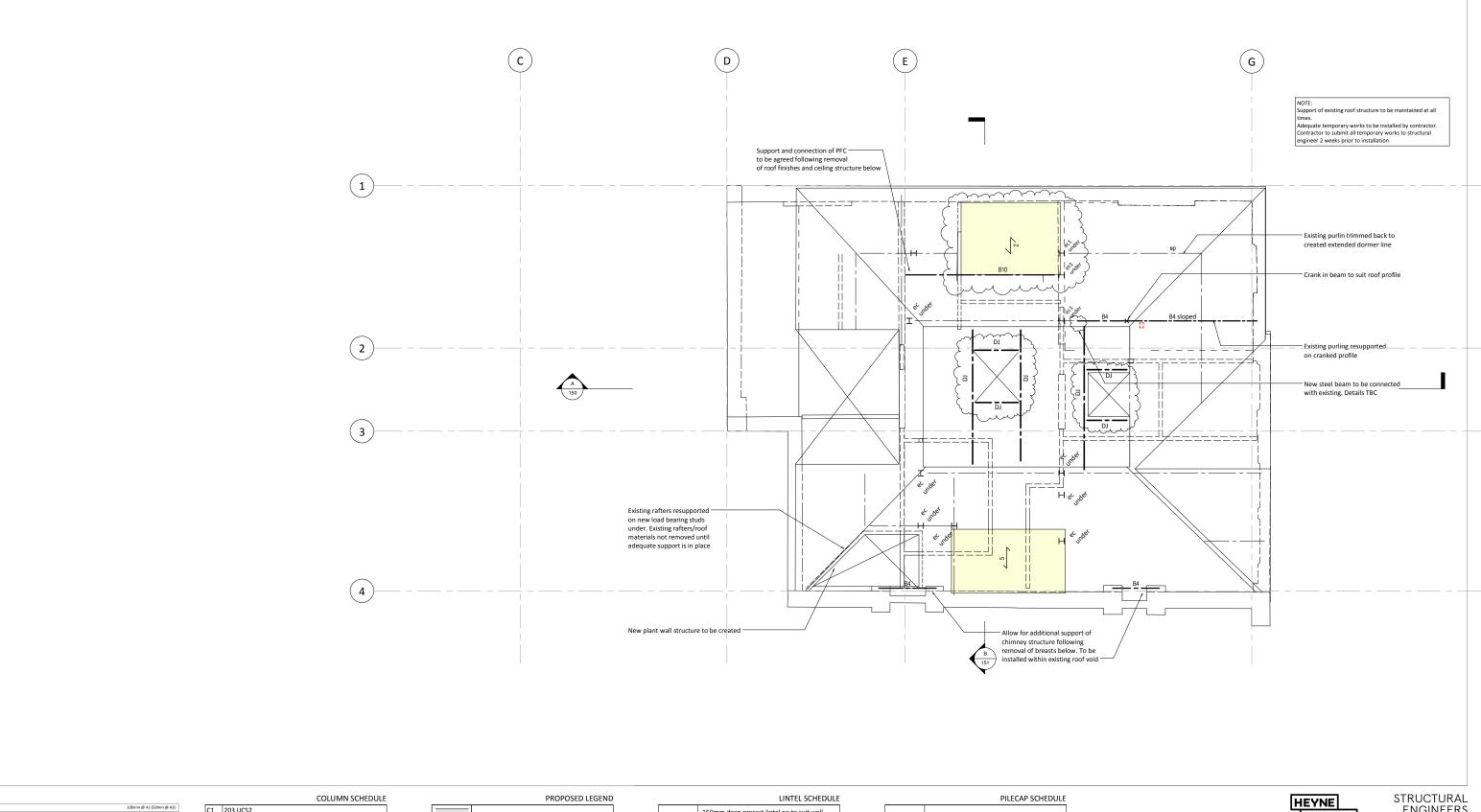
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4 WEDDERBURN ROAD, LONDON NW3 5QE

PROPOSED THIRD FLOOR PLAN

21/	Date	D.,	Eng	Amendments	Describe Ale	-10
1	16.01.15	AC	BW	TENDER ISSUE		
2	23.01.15	AC	BW	TENDER ISSUE	Purpose of Issue	Ter
3	05.02.15	DP	BW	TENDER ISSUE		
4	18.03.15	DP	BW	UPDATED TENDER ISSUE		

1220/130 T4



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To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

		COLUMN SCHEDULE
	C1	203 UC52
	C2	139.7x10 CHS
	C3	300sq RC column
	C4	100x100x10 SHS
١.	C6	3No 100x50 timber studs
	C7	2No 100x50 timber studs

2No 100x50 timber studs
BEAM SCHEDULE
203 UC52
165x152/203x45.0 USFB S355
200x150x8.0 RHS
152 UC30
100x100x10 RSA
305x165 UB54
150x90x24 PFC
300wd x 500dp RC downstand beam
300wd x 700dp RC downstand beam
Double joists
200x100x10.0 RHS
Triple joists
200x50 timber resin bolted at 600mm c/c

	Existing masonry structural walls
	Existing structure below
	Existing demolish structure
1 1	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
	225mm thick RC suspended slab
<u> </u>	300mm thick RC suspended slab
4	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
<u></u>	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

150mm deep precast lintel no to suit wall width 100dp timber lintel width to suit stud width

200 x 100 x 10 RHS with 10mm plate to suit wall width

	PADSTONES LEGEN
PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PC1	600x600x600dp MC pad
PC2	925wdx600dp RC capping beam



STRUCTURAL ENGINEERS

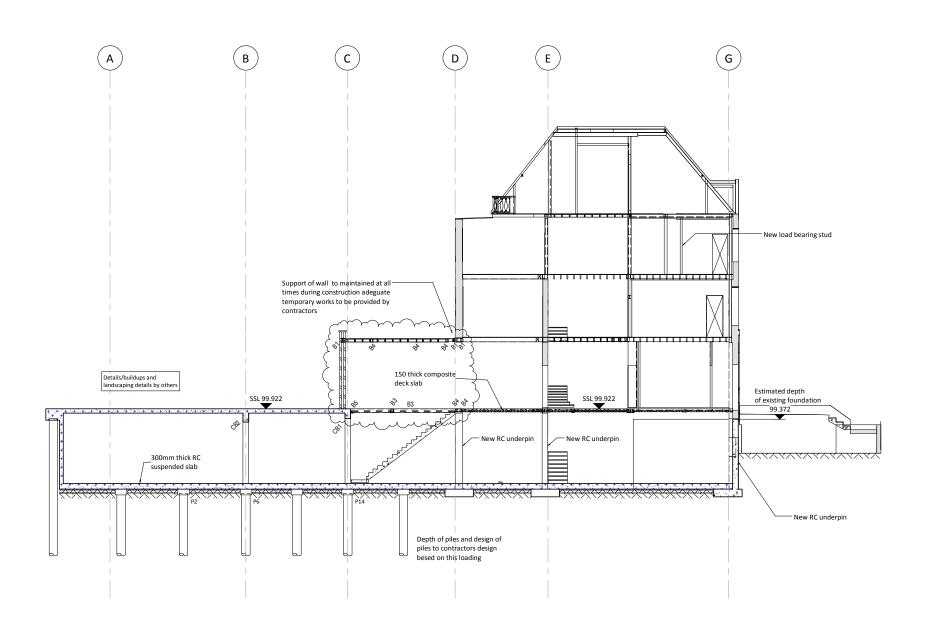
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Scale at A1 1:50 T4

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Drawing Title
PROPOSED ROOF PLAN

Date	Ву	Eng	Amendments	Drawing No.	1220/140
16.01.15	AC	BW	TENDER ISSUE		
23.01.15	AC	BW	TENDER ISSUE	Purpose of Issue	Tender
05.02.15	DP	BW	TENDER ISSUE		
18.03.15	DP	BW	UPDATED TENDER ISSUE		



100mm @ A1 (50mm @ A3)

1 This drawing is to be read in conjunction with all relevant Engineers and specialists drawings and specifications.

Do not scale from this drawing in either paper or digital form.
 Use written dimensions only.
 To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

COLUMN S	CHEDULE

C1	203 UC52
C2	139.7x10 CHS
C3	300sq RC column
C4	100x100x10 SHS
C6	3No 100x50 timber studs
C7	2No 100x50 timber studs

ZIVO 100X30 timber 3tdd3
BEAM SCHEDULE
203 UC52
165x152/203x45.0 USFB S355
200x150x8.0 RHS
152 UC30
100x100x10 RSA
305x165 UB54
150x90x24 PFC
300wd x 500dp RC downstand beam
300wd x 700dp RC downstand beam
Double joists
200x100x10.0 RHS
Triple joists
200x50 timber resin bolted at 600mm c/c

PROPOSED LEGEND

	Existing masonry structural walls
	Existing structure below
	Existing demolish structure
1.1.	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
	225mm thick RC suspended slab
<u> </u>	300mm thick RC suspended slab
4	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
_ 5	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
∠ 6	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

LINTEL SCHEDULE

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	200 x 100 x 10 RHS with 10mm plate to suit wall width

PADSTONES LEGEND

PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PILECAP SCHEDULE

PC1	600x600x600dp MC pad
PC2	925wdx600dp RC capping beam

HEYNE TILLETT STEEL

STRUCTURAL ENGINEERS

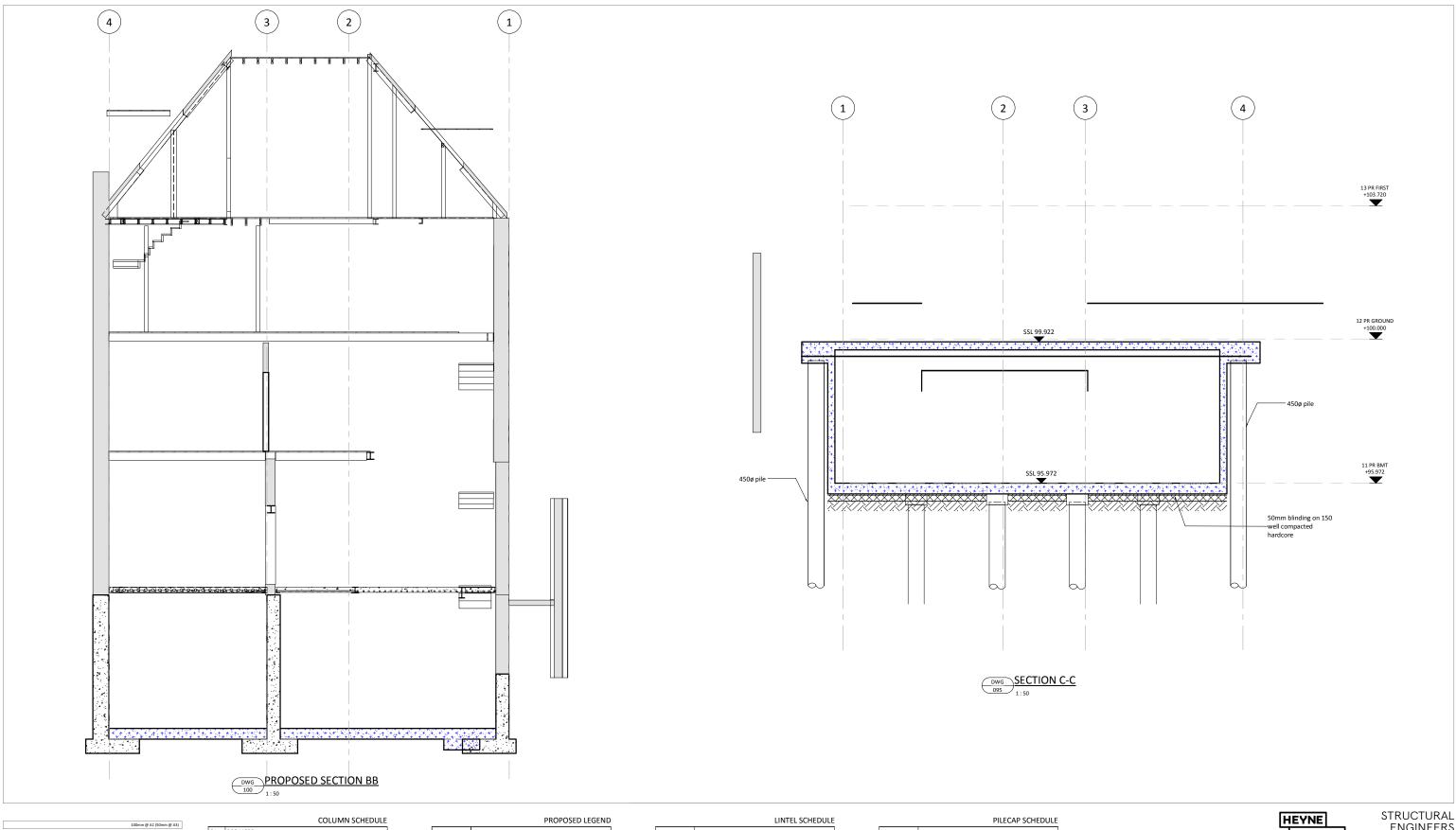
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Drawing Title PROPOSED SECTION AA

ev	Date	Ву	Eng	Amendments	Drawing No.	1220/150	
1	16.01.15	AC	BW	TENDER ISSUE			
2	05.02.15	DP	BW	TENDER ISSUE	Purpose of Issue	Tender	
3	18.03.15	DP	BW	UPDATED TENDER ISSUE			

Scale at A1 1:100 Т3



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To check drawing has been printed to the intended scale the above bar should be 100mm long at A1 or 50mm long at A3

3 Refer to existing structure set for existing structure

C1	203 UC52
C2	139.7x10 CHS
C3	300sq RC column
C4	100x100x10 SHS
C6	3No 100x50 timber studs
C7	2No 100x50 timber studs

	BEAM SCHEDUL
B1	203 UC52
B2	165x152/203x45.0 USFB S355
В3	200x150x8.0 RHS
B4	152 UC30
B5	100x100x10 RSA
В7	305x165 UB54
B10	150x90x24 PFC
CB1	300wd x 500dp RC downstand beam
CB2	300wd x 700dp RC downstand beam
DJ	Double joists
L3	200x100x10.0 RHS
TJ	Triple joists
WP1	200x50 timber resin bolted at 600mm c/c
	•

	Existing masonry structural walls
	Existing structure below
	Existing demolish structure
· <u>2</u>).j·.	300mm thick WRC suspended slab on 50mm blinding and 150 hardcore
_ 2	225mm thick RC suspended slab
_ 3	300mm thick RC suspended slab
4	150mm thick MD60 V2 1.1 metal deck with A142 mesh and 6mm bar/trough
_ 5	150x50 C24 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face
<u> </u>	200x50 C16 timber joists at 400mm c/c with 18mm PLY over glued and screwed to top face

L1	150mm deep precast lintel no to suit wall width
L2	100dp timber lintel width to suit stud width
L3	200 x 100 x 10 RHS with 10mm plate to suit wall width

PADSTONES LEGEND

PS1	700lg x 300dp x 100wd MC padstone
PS2	550lg x 450dp x 100wd MC padstone
PS3	500lg x 215dp x 100wd MC padstone
PS4	350lg x 215dp x 100wd MC padstone
PS5	800lg x 300dp x 100wd MC padstone

PC1	600x600x600dp MC pad			
PC2	925wdx600dp RC capping beam			
_				

TILLETT STEEL

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PROPOSED SECTION B-B AND C-C

 P2
 07.01.15
 DP
 BW
 PRELIMINARY TENDER ISSUE

 P1
 20.11.14
 DP
 BW
 PRELIMINARY ISSUE
 Drawing No. 1220 / 151 Rev Date By Eng Amendments

1 This drawing is to be read in conjunction with all relevant Architect

Engineers and specialists drawings and specifications.

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3 Refer to existing structure set for existing structure

T4	18.03.15	DP	BW	UPDATED TENDER ISSUE
T3	05.02.15	DP	BW	TENDER ISSUE
T2	23.01.15	AC	BW	TENDER ISSUE
T1	16.01.15	AC	BW	TENDER ISSUE
Rev	Date	Ву	Eng	Amendments



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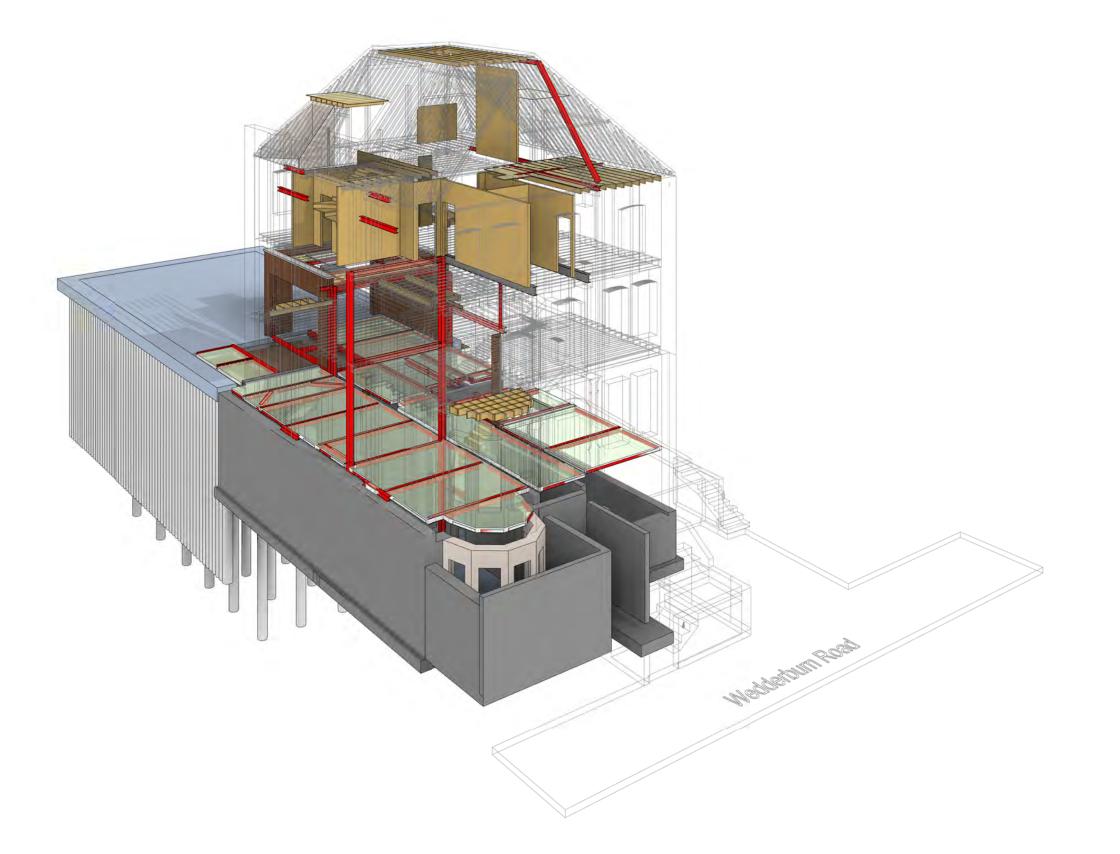
4 WEDDERBURN ROAD, LONDON NW3 5QE

Drawing Title
WATER LEVEL

Purpose of Issue **Tender** Scale at A1 1:10

Drawing No. 1220/155

- 1 This drawing is to be read in conjunction with all relevant Archite Engineers and specialists drawings and specifications.
- Do not scale from this drawing in either paper or digital form.
 Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm long @ A1 or 50mm long @ A3
- 3 Refer to existing structure set for existing structure



ı					
	T3	18.03.15	DP	BW	UPDATED TENDER ISSUE
	T2	23.01.15	AC	BW	TENDER ISSUE
	T1	16.01.15	AC	BW	TENDER ISSUE
ı	Pay	Date	Rv	Eng	Amendments



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Job Name
4 WEDDERBURN ROAD, LONDON NW3 5QE

Drawing Title
PROPOSED PERSPECTIVE FRONT VIEW

Purpose of Issue **Tender** Scale at A1

Drawing No. 1220 / 160

Rev. T3

- This drawing is to be read in conjunction with all relevant Architects Engineers and specialists drawings and specifications.
- Do not scale from this drawing in either paper or digital form.
 Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm long
 @ A1 or 50mm long @ A3
- 3 Refer to existing structure set for existing structure

T3	18.03.15	DP	BW	UPDATED TENDER ISSUE
T2	23.01.15	AC	BW	TENDER ISSUE
T1	16.01.15	AC	BW	TENDER ISSUE
Rev	Date	Ву	Eng	Amendments



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Job Name
4 WEDDERBURN ROAD, LONDON NW3 5QE

Drawing Title
PROPOSED PERSPECTIVE REAR VIEW

Scale at A1

Drawing No. 1220 / 161

Rev. T3

- This drawing is to be read in conjunction with all relevant Architects Engineers and specialists drawings and specifications.
- Do not scale from this drawing in either paper or digital form.
 Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm long
 @ A1 or 50mm long @ A3
- 3 Refer to existing structure set for existing structure

- 1					
	T3	18.03.15	DP	BW	UPDATED TENDER ISSUE
	T2	23.01.15	AC	BW	TENDER ISSUE
	T1	16.01.15	AC	BW	TENDER ISSUE
	Rev	Date	Ву	Eng	Amendments



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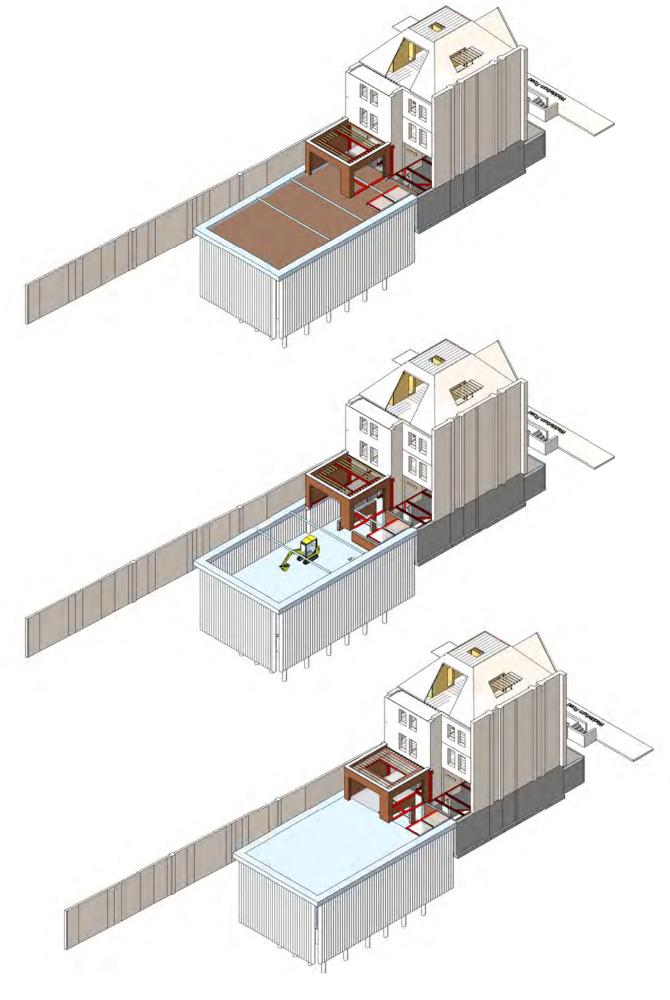
Job Name
4 WEDDERBURN ROAD, LONDON NW3 5QE

Drawing Title
PROPOSED PERSPECTIVE SECTION VIEW

Scale at A1

Drawing No. 1220 / 162 Rev. T3

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 Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm long @ A1 or 50mm long @ A3
- 3 Refer to existing structure set for existing structure



T4	18.03.15	DP	BW	UPDATED TENDER ISSUE
T2	23.01.15	AC	BW	TENDER ISSUE
T1	16.01.15	AC	BW	TENDER ISSUE
Rev	Date	Bv	Eng	Amendments



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Job Name
4 WEDDERBURN ROAD, LONDON NW3 5QE

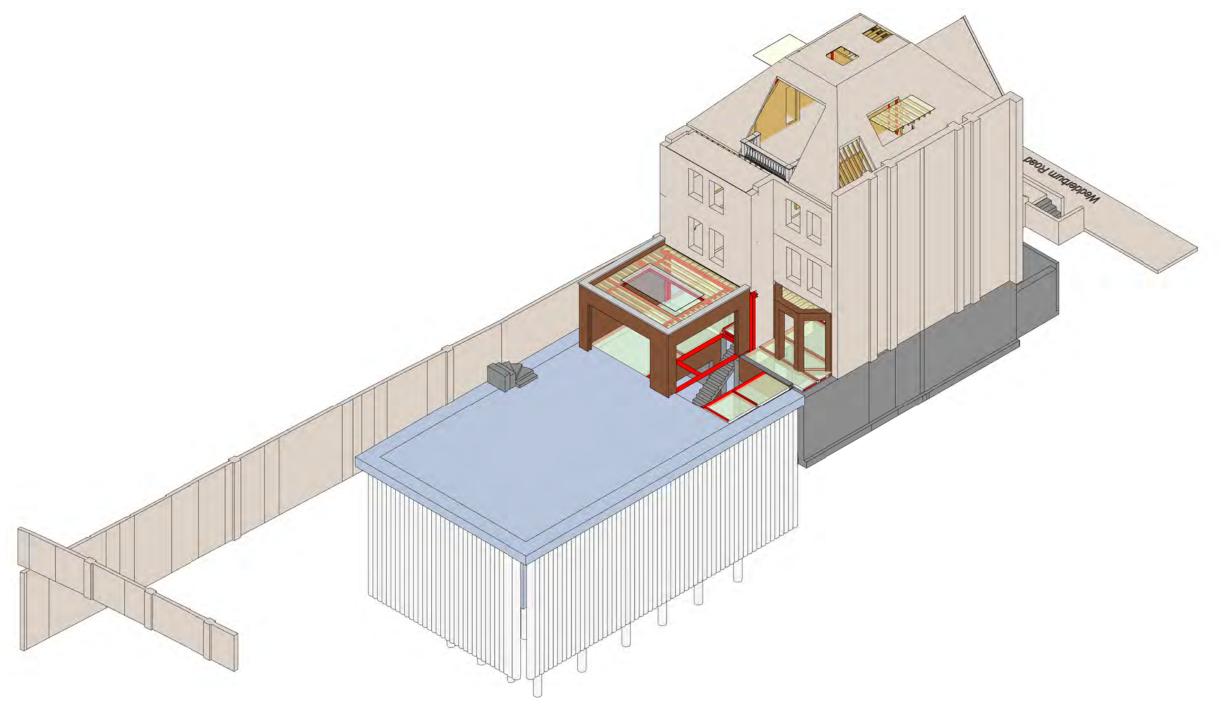
PROPOSED CONSTRUCTION SEQUENCE 1

Purpose of Issue **Tender** Scale at A1

Drawing No. 1220 / 163

Rev. T3

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- 3 Refer to existing structure set for existing structure



Т3	18.03.15	DP	BW	UPDATED TENDER ISSUE
T2	23.01.15	AC	BW	TENDER ISSUE
T1	16.01.15	AC	BW	TENDER ISSUE
Rev	Date	Bv	Eng	Amendments



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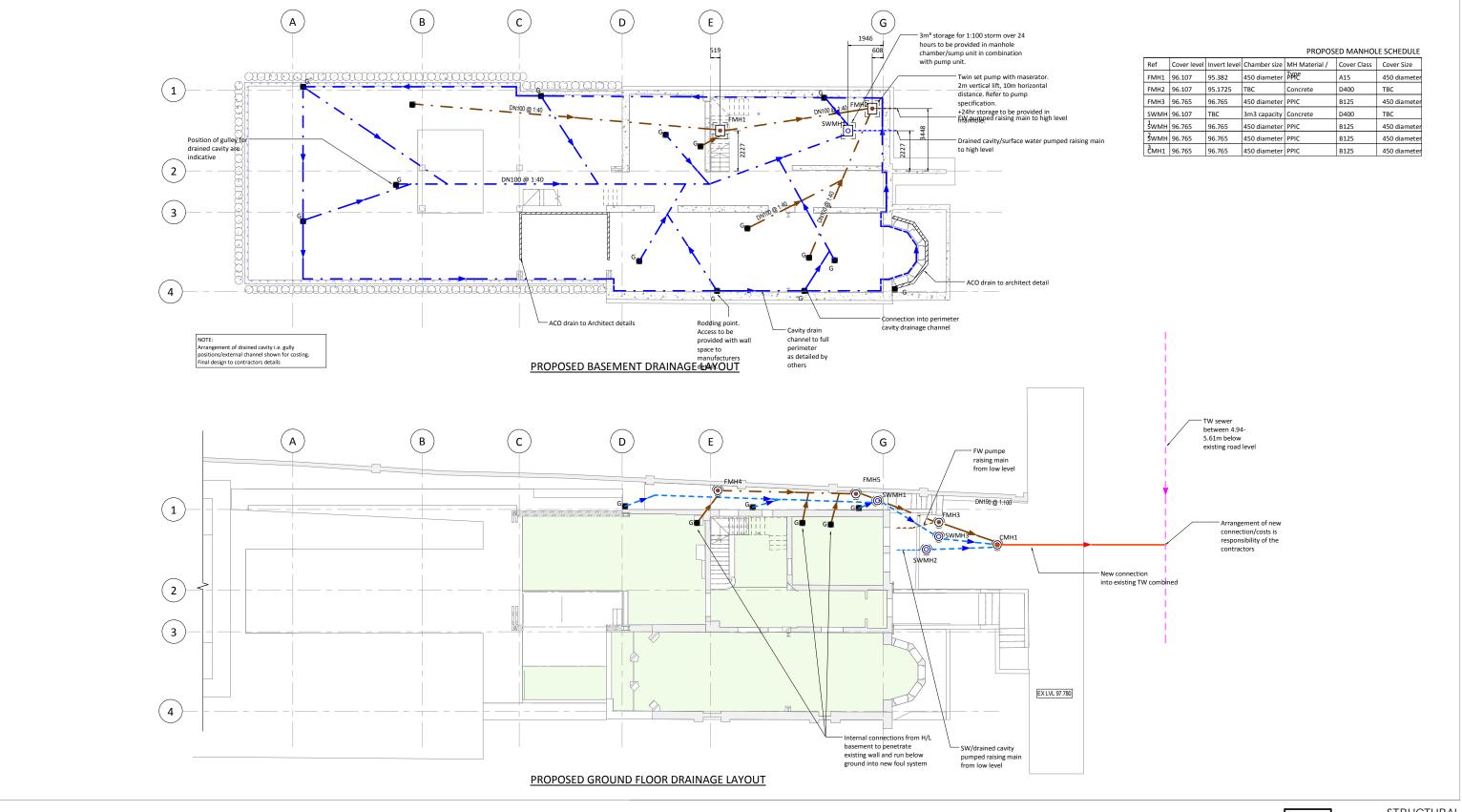
Job Name
4 WEDDERBURN ROAD, LONDON NW3 5QE

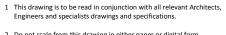
PROPOSED CONSTRUCTION SEQUENCE 2

Purpose of Issue **Tender** Scale at A1

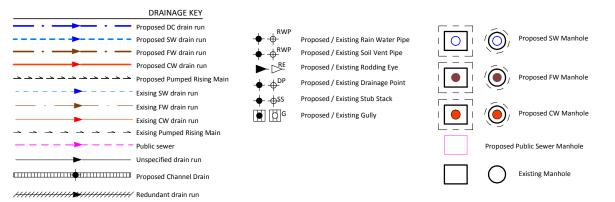
Drawing No. 1220 / 164

Rev. T3





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 A1 or 50mm long @ A3
- 3 Refer to existing structure set for existing structure





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PROPOSED BASEMENT AND
GROUND DRAINAGE LAYOUT

Rev	Date	Ву	Eng	Amendments	Drawing No.	1220/500	Rev.	T4
T1	16.01.15	AC	BW	TENDER ISSUE			10	ndicat
T2	23.01.15	AC	BW	TENDER ISSUE	Purpose of Issue Tender Scale at A		Scale at A1	
Т3	05.02.15	DP	BW	TENDER ISSUE				
T4	18.03.15	DP	BW	UPDATED TENDER ISSUE				