

THIS SECANT PILE WALL IS REQUIRED AS THE ADJACENT BASEMENT IS NOT A PARTY STRUCTURE AND IS ONLY A SINGLE LEVEL. NEW SECANT PILES TO BE SET OUT 800mm FROM BOUNDARY WALL DEPENDING ON PILING RIG.

EXISTING SECANT PILE WALL FOR THE ADJACENT BASEMENT WAS BUILT A MINIMUM OF 300mm AWAY FROM THE PARTY WALL LINE SO AS NOT TO BE A PARTY STRUCTURE.

**PILE LOADS:  
(Service Loads)**

P03=150 kN (dia 350 mm)	P33=150 kN (dia 350 mm)
P04 = 400 kN (dia 400 mm)	P20=250 kN (dia 350mm )
P05 = 300 kN (dia 350 mm)	P21=150 kN (dia 350 mm)
P06 = 150 kN (dia 350 mm)	P25=150 kN (dia 350 mm)
P07 = 150 kN (dia 350 mm)	P34=250 kN (dia 350 mm)
P08= 300 kN (dia 350 mm)	P26=150 kN (dia 350 mm)
P09 = 200 kN (dia 350 mm)	P31=250 kN (dia 350 mm)
P10 = 150 kN (dia 350 mm)	P35=300 kN (dia 400 mm)
P11 = 150 kN (dia 350 mm)	P32=200 kN (dia 350 mm)
P12=250 kN (dia 350 mm)	P28=250 kN (dia 350 mm)
P13=200 kN (dia 350 mm)	P29=150 kN (dia 350 mm)
	P30=200 kN (dia 350 mm)
	P36=150 kN (dia 350 mm)
	P37=200 kN (dia 350 mm)
	P38=200 kN (dia 350 mm)
	P39=150 kN (dia 350 mm)

**Plunged Columns (Steel S355)**

P03 (152 UC 37)	P33(152 Uc 37)
P04 (203 UC 60)	P20(152 UC 37)
P05 (152 UC 37)	P21(152 UC 37)
P06 (152 UC 37)	P25(152 UC 37)
P07 (152 UC 37)	P34(152 UC 37)
P08(152 UC 37)	P26 ( 152 UC 37)
P09 (152 UC 37)	P31 (152 UC 37)
P10 (152 UC 37)	P35(203 UC 46)
P11 (152 UC 37)	P32 (152 UC 37)
P12(152 UC 37)	P28( 152 UC 37)
P13(152 UC 37)	P29(152 UC 37)
	P30(152 UC 37)
	P36 (152 UC 37)
	P37(152 UC 37)
	P38 (152 UC 37)
	P39(152 UC37)

**Beam Schedule:**

- VB3-203 UC 71
- D3-203 UC 46

**Information**  
General Notes  
DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY SHOP DRAWINGS AND ANY WORK ON SITE. REPORT ALL DISCREPANCIES TO THE ARCHITECT/ENGINEER IMMEDIATELY. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED ARCHITECT/ ENGINEERS DRAWINGS / DETAILS AND ALL OTHER RELEVANT INFORMATION.

Issued For	Notes
Client	Client
Information	Project
	44 Brunswick Gardens London W8 4 AN
	Drawing Title
	BASEMENT PLAN LEVEL 2-TEMP. WORK
Scale	Date
1: 75@A3	March 2017

<p><b>LIM ENGINEERING LTD</b> consulting engineers</p> <p>15 Kinloch Drive, London, Nw9 7LL - Tel: 020 8205 1427 Fax: 020 8205 1427</p>	
Job No.	Drawing No.
1084	TW01-Rev E

SERVICE PENETRATION THROUGH WALL AT HIGH LEVEL. M&E TO CONFIRM (UNDER DOOR OPENING ABOVE)

GROUND BEARING RC SLAB (OUTSIDE CELLCORE AREA) TO BE 410 THK - SEE SECTIONS

EXISTING CONCRETE UNDERPINNING TO No. 46.

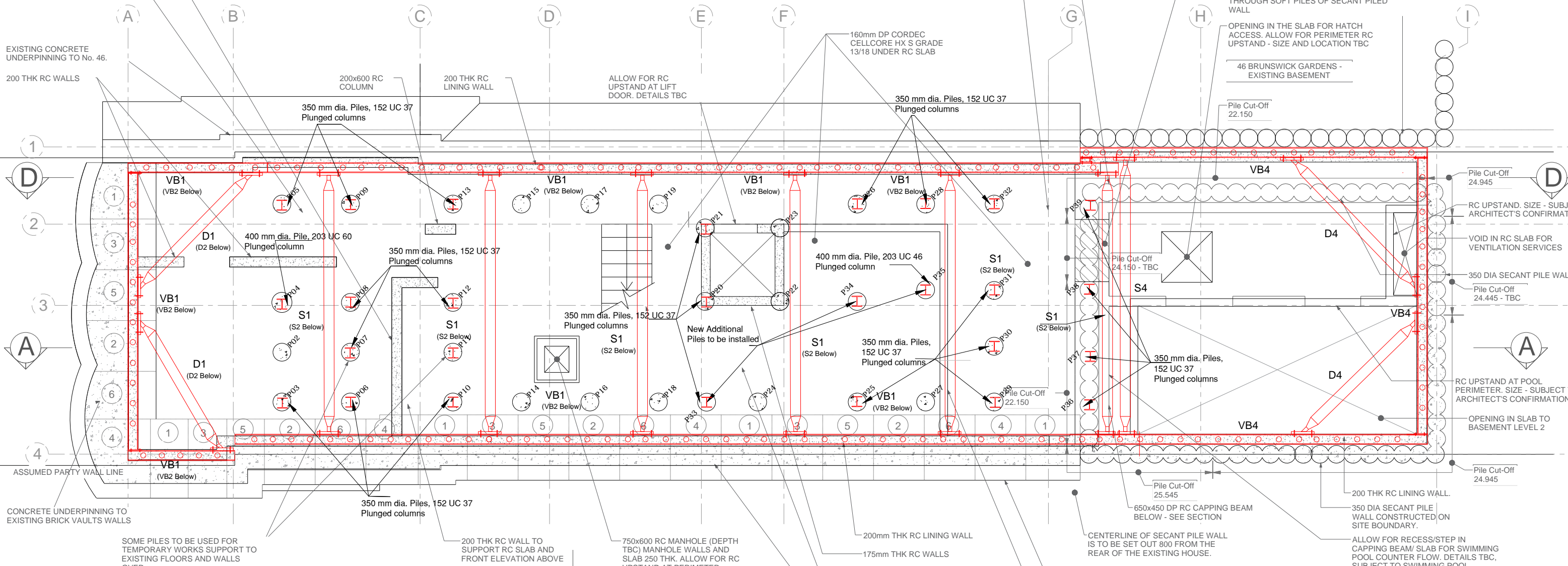
200 THK RC WALLS

THIS SECANT PILE WALL IS REQUIRED AS THE ADJACENT BASEMENT IS NOT A PARTY STRUCTURE AND IS ONLY A SINGLE LEVEL. NEW SECANT PILES TO BE SET OUT 800mm FROM BOUNDARY WALL DEPENDING ON PILING RIG.

CONNECTION BETWEEN GROUND BEARING SLAB AND SUSPENDED SLAB (SECANT PILES) TO ALLOW FOR VERTICAL MOVEMENT REINFORCED SOFT JOINT TO BE PROVIDED

ALLOW FOR CAPPING BEAM TO BE LOCALLY LOWERED TO ALLOW FOR SERVICES PASS - DETAILS TBC SUBJECT TO M&E REQUIREMENTS CONFIRMATION. ALTERNATIVELY SERVICES TO PASS ONLY THROUGH SOFT PILES OF SECANT PILED WALL

SECANT PILE WALL FOR THE CENT BASEMENT WAS BUILT A MINIMUM OF 300mm AWAY FROM THE PARTY WALL LINE SO AS NOT TO BE A PARTY WALL



**Beam Schedule:**


VB1	203 UC 52
D1	152 UC 30
S1	203 UC 46
VB2	203 UC 60
D2	152 UC 30
S2	203 UC 46
VB4	203 UC 46
D4	152 UC 30
S4	152 UC 30

**Information**

**General Notes**

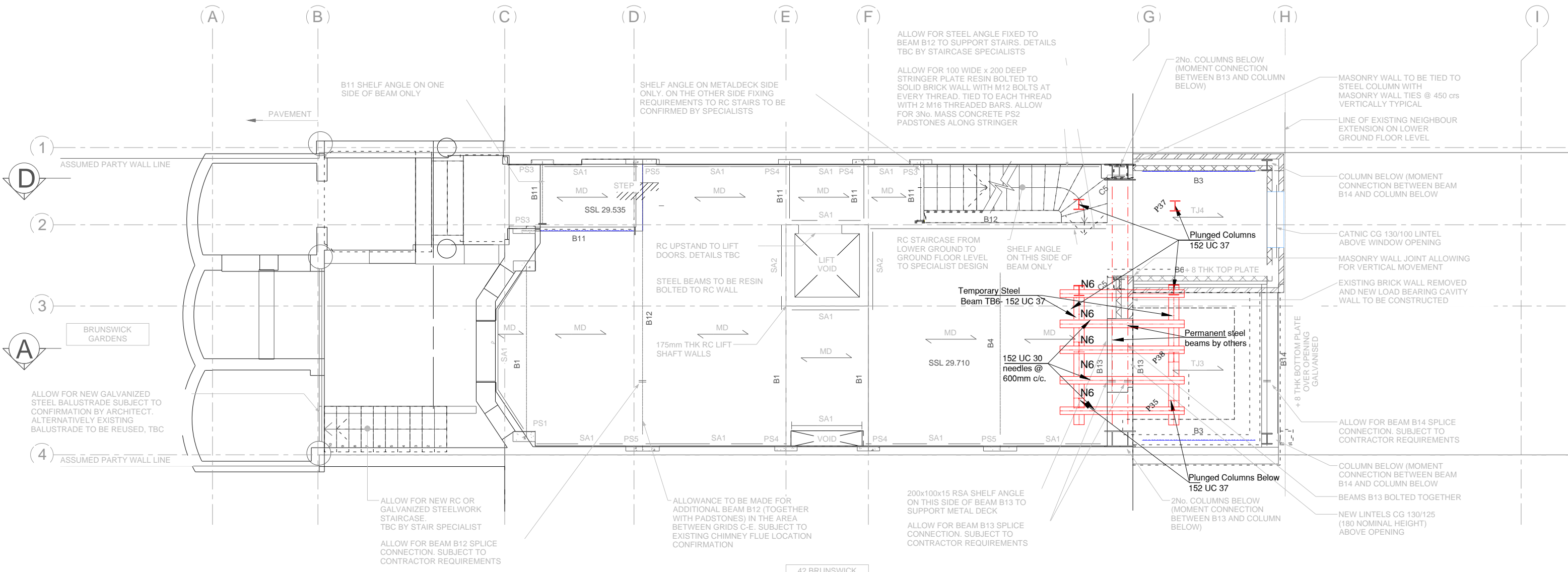
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		Date
		March 2017

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Job No.	Drawing No.
1084	TW02-Rev F



46 BRUNSWICK GARDENS



**Needles:**  
N6-152 UC 30 @600 mm c/c

**Temporary Steel Beams:**  
TB6-152 UC 37

GROUND FLOOR  
0.0m 0.5m 1m 3.0m

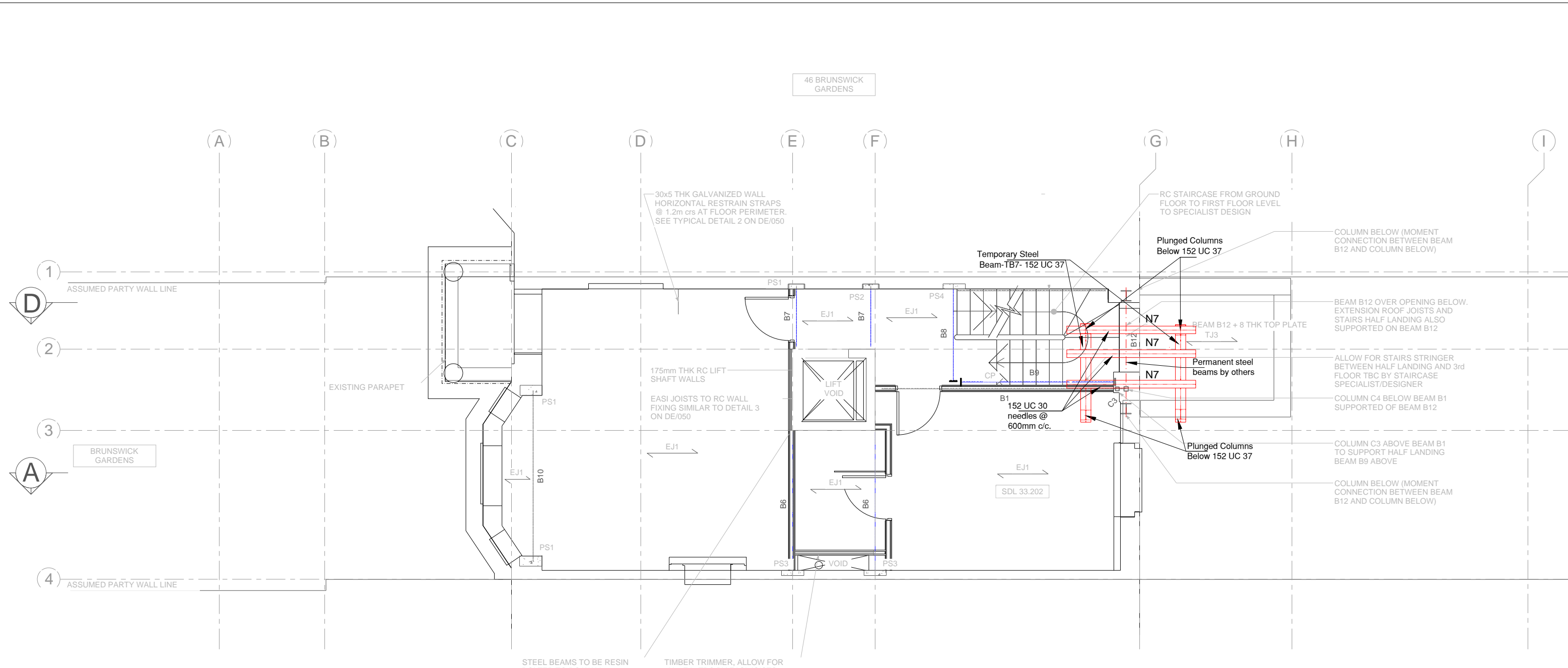
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**Notes**

**Client**  
-  
**Project**  
44 Brunswick Gardens  
London W8 4 AN  
**Drawing Title**  
GROUND FL. PLAN-TEMP. WORK  
**Scale**  
1: 75@A3  
**Date**  
March 2017

**Client**  
-  
**Project**  
44 Brunswick Gardens  
London W8 4 AN  
**Drawing Title**  
GROUND FL. PLAN-TEMP. WORK  
**Scale**  
1: 75@A3  
**Date**  
March 2017

**Client**  
LIM ENGINEERING LTD  
consulting engineers  
15 Kinloch Drive, London, Nw9 7LL - Tel: 020 8205 1427  
Fax: 020 8205 1427  
**Job No.**  
1084  
**Drawing No.**  
TW04-RevD




**Needles:**  
N7-152 UC 30 @600 mm c/c

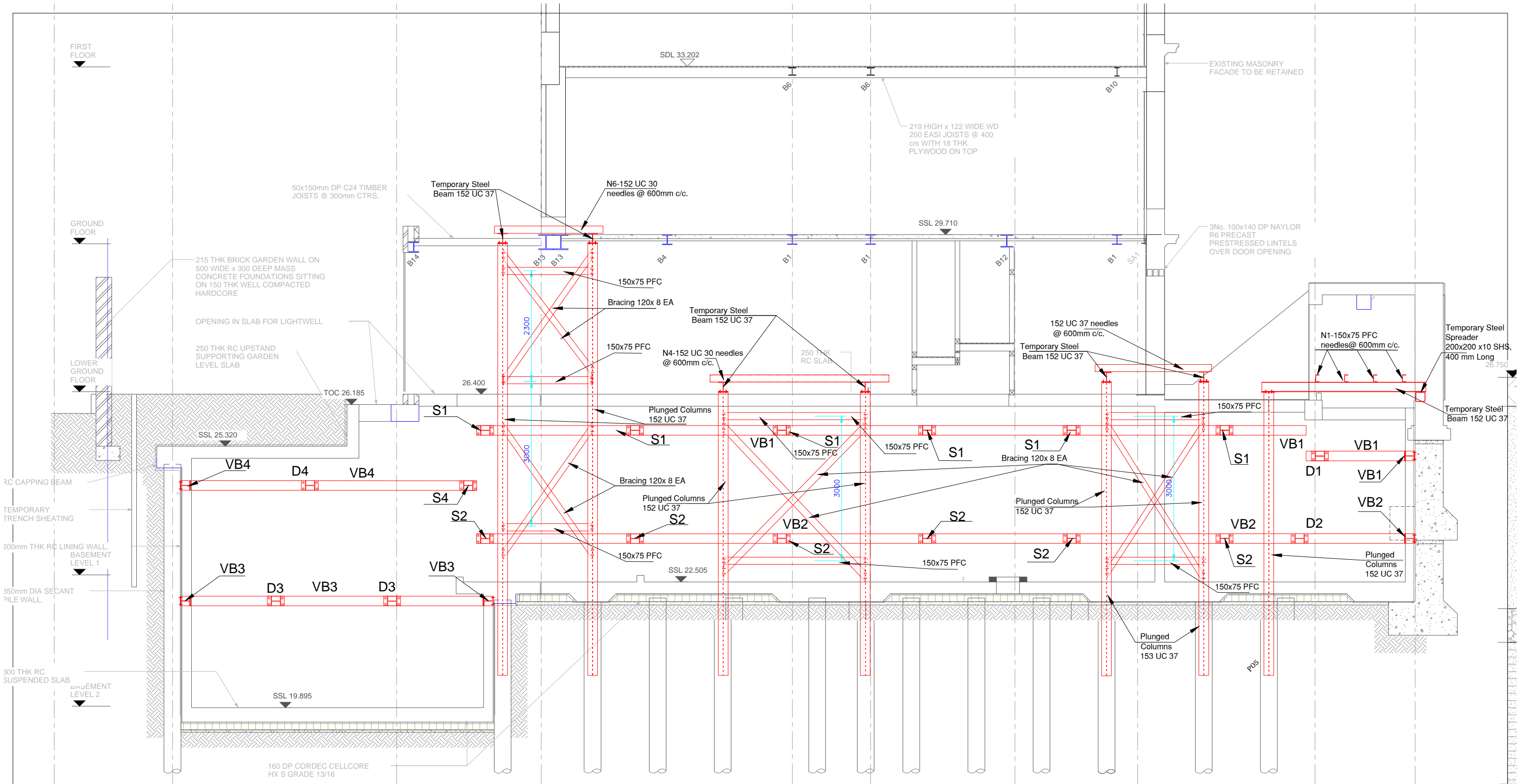
**Temporary Steel Beams:**  
TB7-152 UC 37

<b>Information</b>
<b>General Notes</b>
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<b>Notes</b>	
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<b>Client</b>	-
<b>Project</b>	44 Brunswick Gardens London W8 4 AN
<b>Drawing Title</b>	FIRST FL. PLAN-TEMP. WORK
<b>Scale</b>	1: 75@A3
<b>Date</b>	March 2017

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<b>Job No.</b>	1084
<b>Drawing No.</b>	TW05-RevD




SECTION A-A  
 0.0m 0.5m 1m 3.0m

Note: Plunged columns to be restrained at max 3.0 m c/c

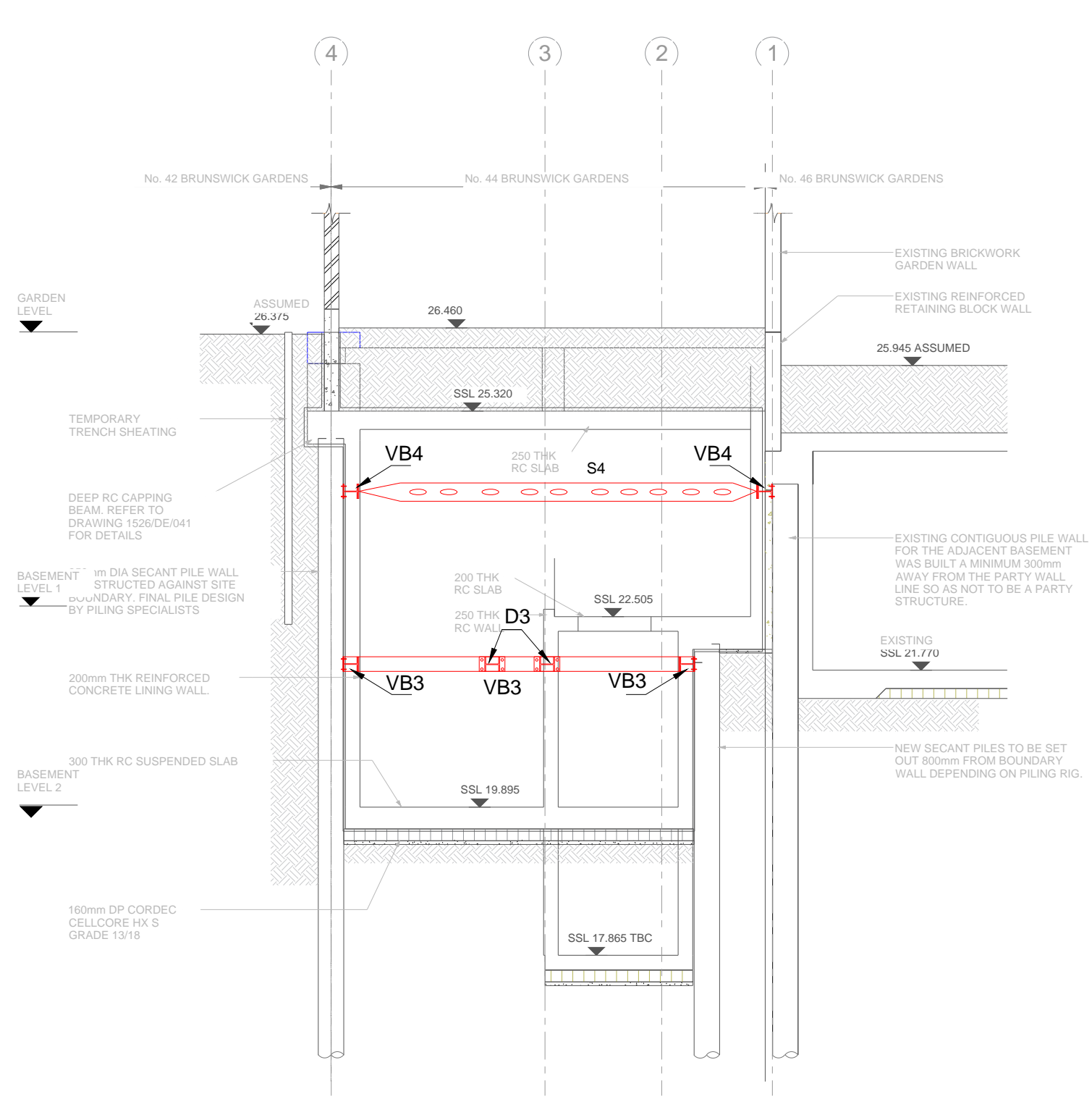
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**Notes**

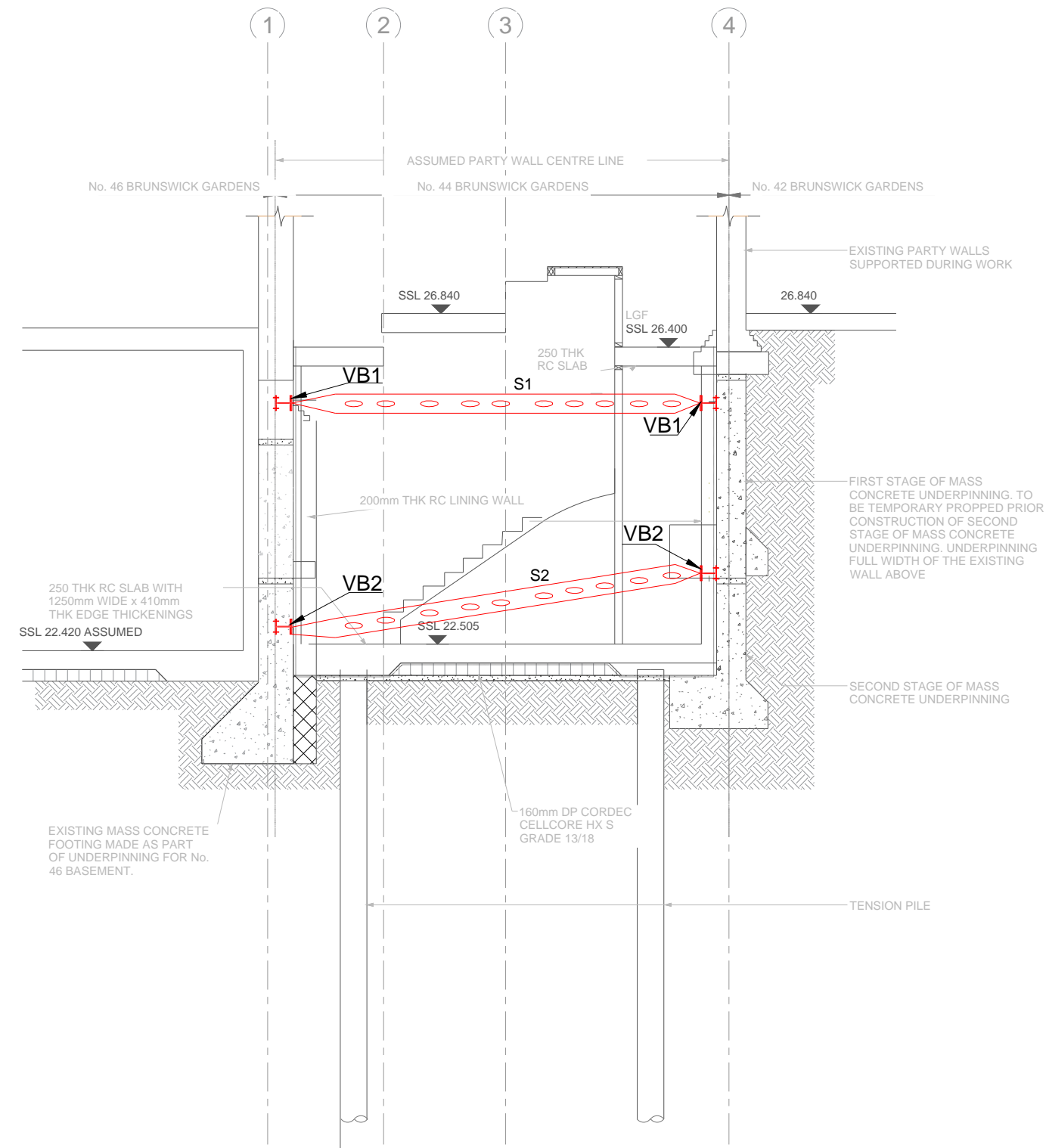
**Client**  
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**Project**  
 44 Brunswick Gardens  
 London W8 4 AN  
**Drawing Title**  
 SECTION A-A-TEMP. WORK  
**Scale**  
 1: 75@A3  
**Date**  
 March 2017



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 Fax: 020 8205 1427  
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 1084  
**Drawing No.**  
 TW06-Rev E



SECTION B-B  
0.0m 0.5m 1m 3.0m



SECTION C-C  
0.0m 0.5m 1m 3.0m

**Information**

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**Notes**

NEW SECANT PILES TO BE SET OUT 800mm FROM BOUNDARY WALL DEPENDING ON PILING RIG.

**Client**

-

**Project**

44 Brunswick Gardens  
London W8 4 AN

**Drawing Title**


SECTION B-B and C-C-TEMP. WORK

**Scale**

1: 75@A3

**Date**

March 2017



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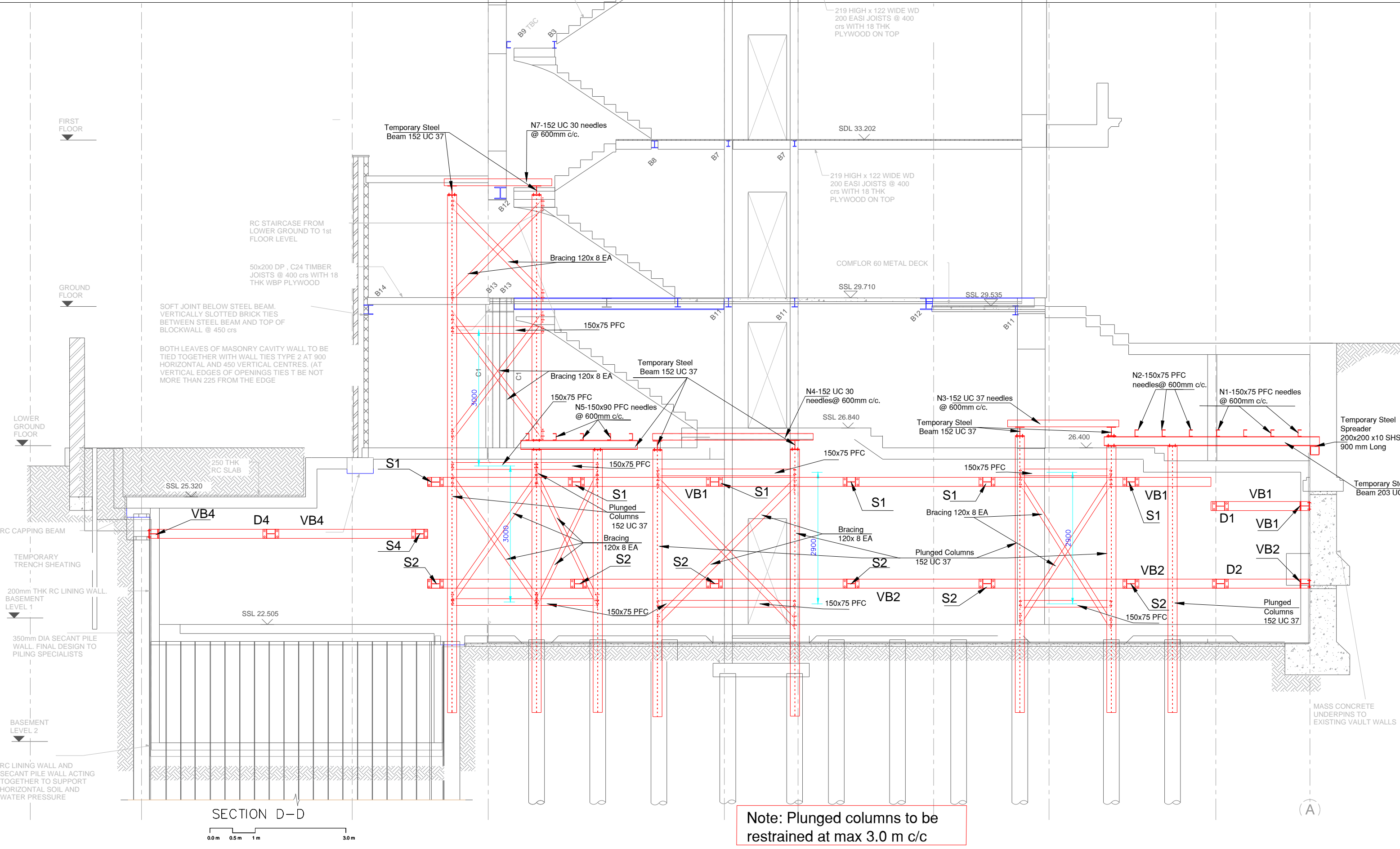
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Fax: 020 8205 1427

**Job No.**

1084

**Drawing No.**

TW07-Rev D




SECTION D-D  
0.0m 0.5m 1m 3.0m

Note: Plunged columns to be restrained at max 3.0 m c/c

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Notes

Client  
-  
Project  
44 Brunswick Gardens  
London W8 4 AN  
Drawing Title  
SECTION D-D  
Scale  
1: 75@A3  
Date  
March 2017



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Fax: 020 8205 1427

Job No. 1084  
Drawing No. TW08-Rev E