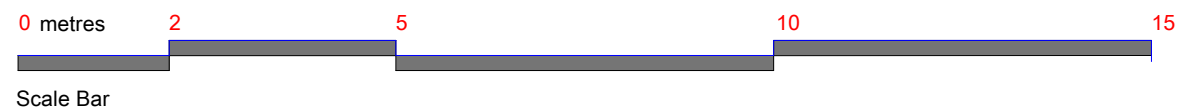
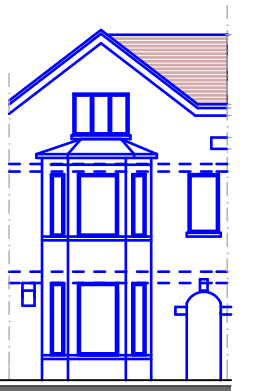
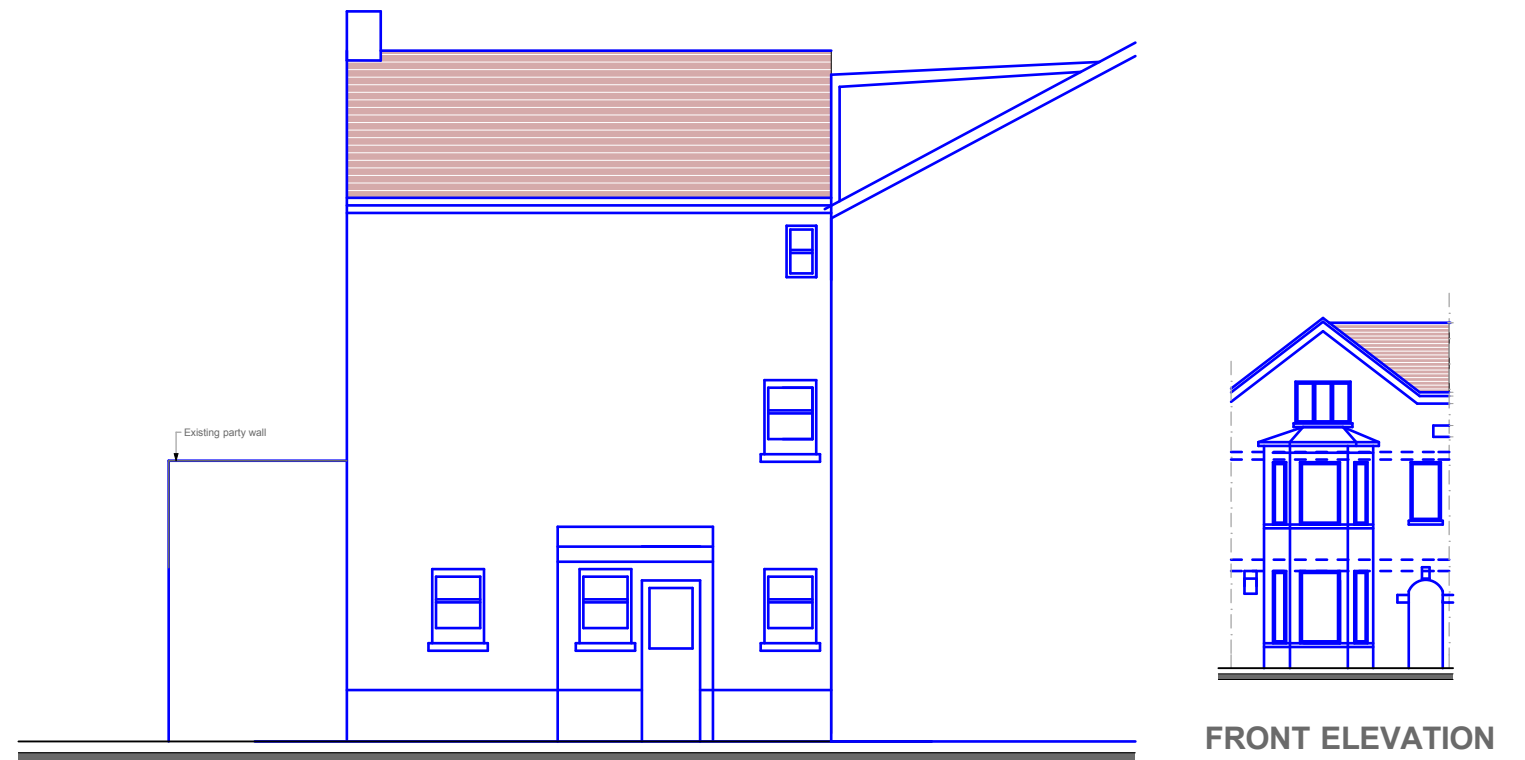
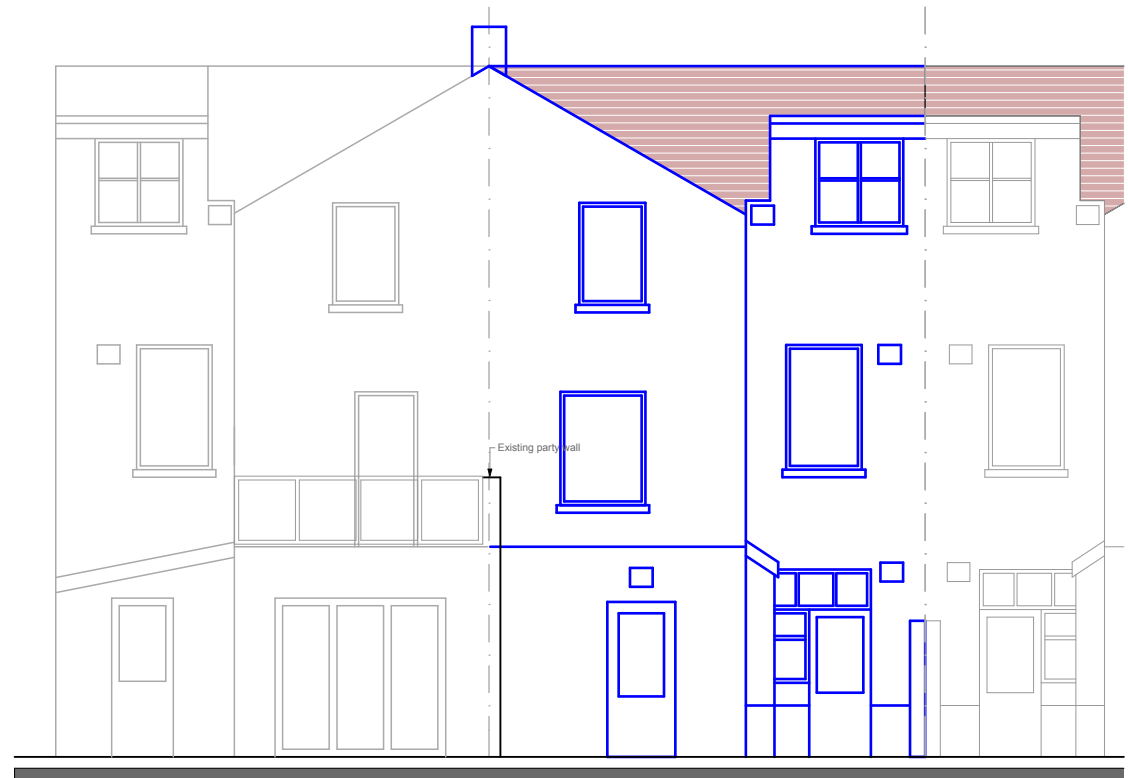
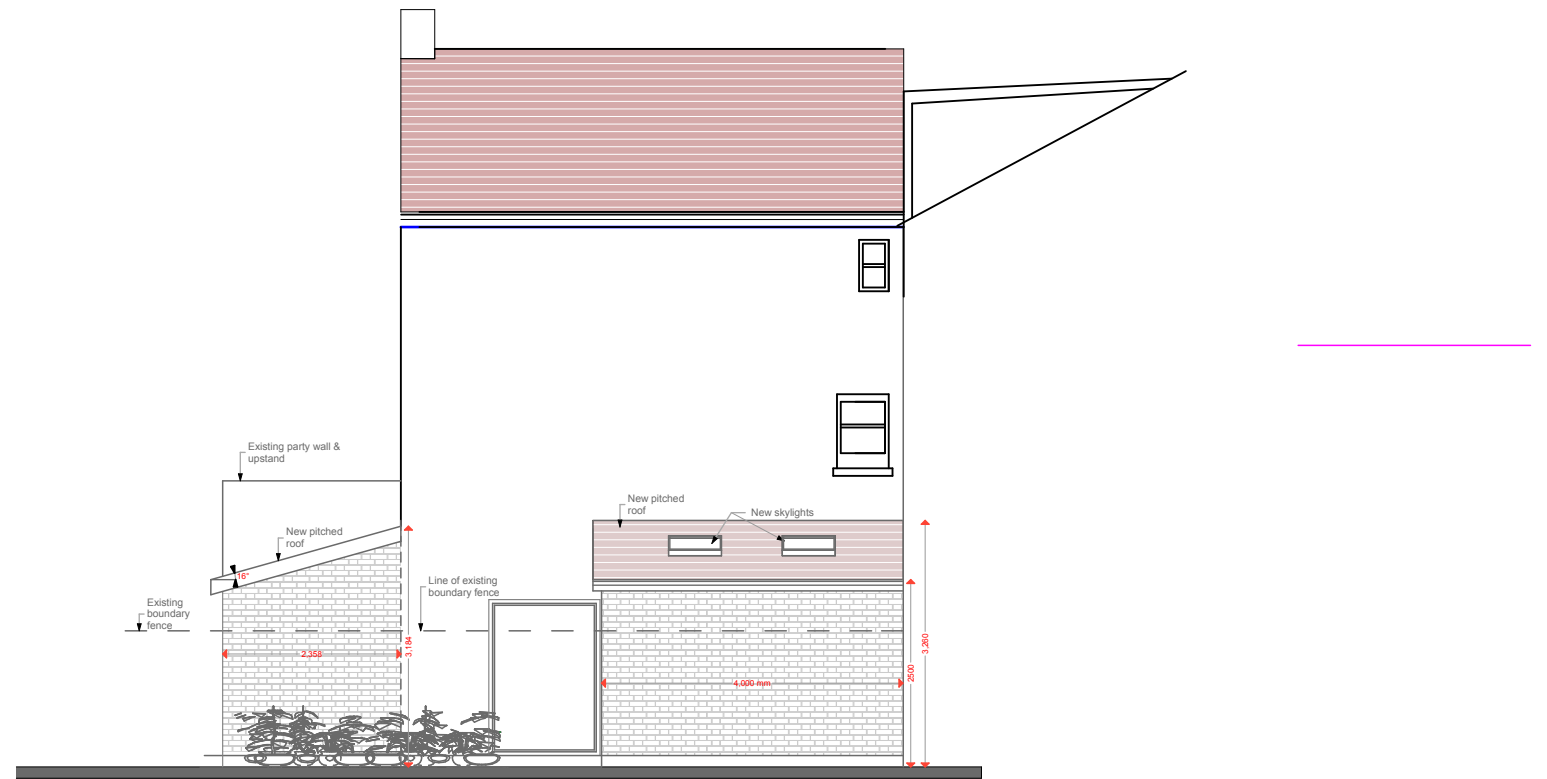
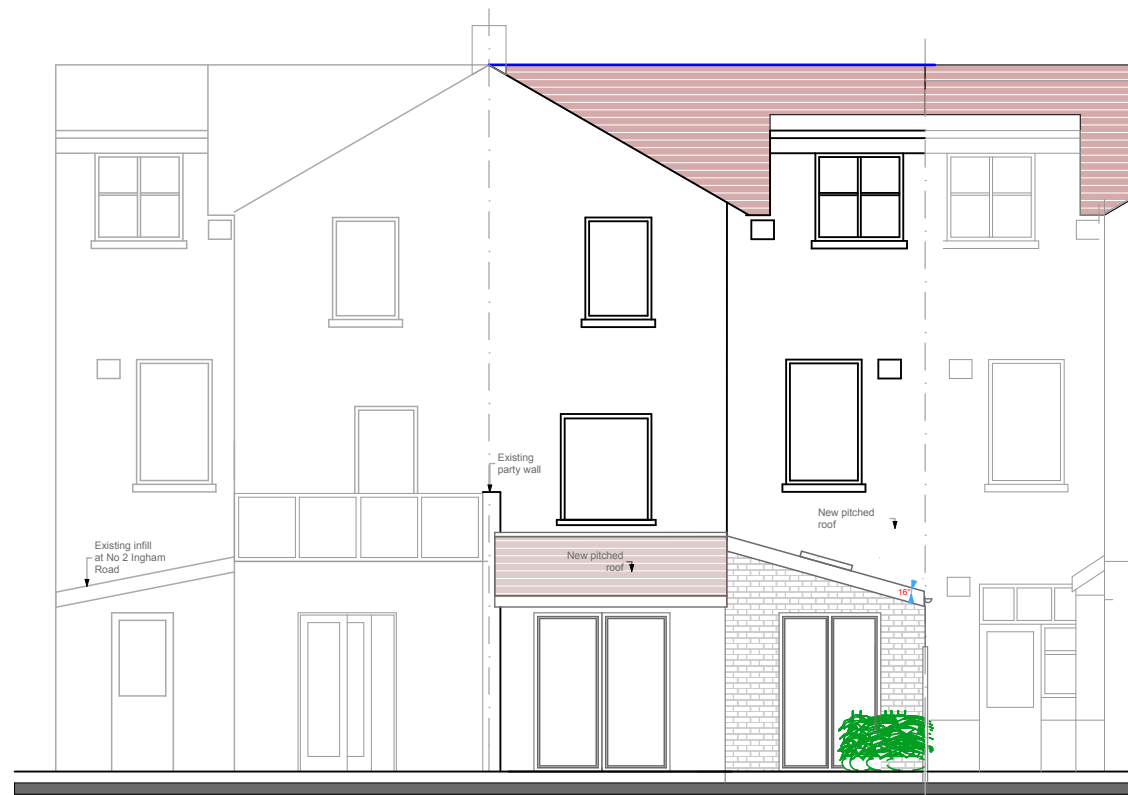


APPENDICES

APPENDIX A

Site plans

**Project: 4 Ingham Road, London NW6 1DE**

Client: Mr. & Mrs. O'Connor
Project No:270

Date: Jan 2015

Dwgs: Elevations
Scale: 1: 100

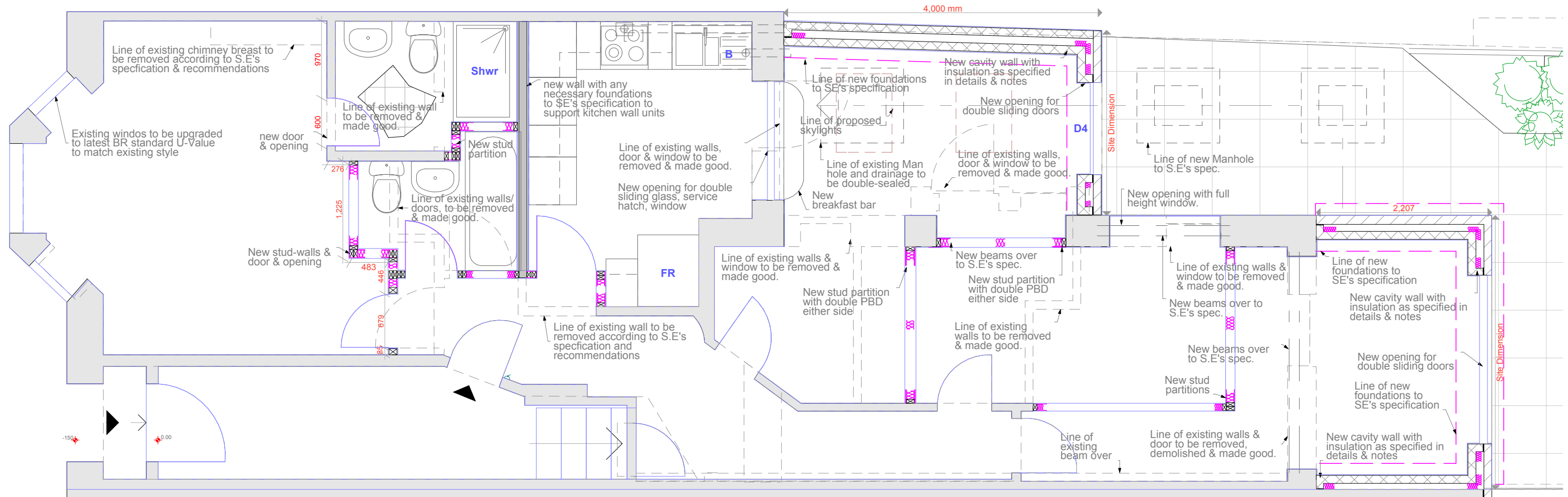
Dwg No : PP/ 270/02
Rev. :D

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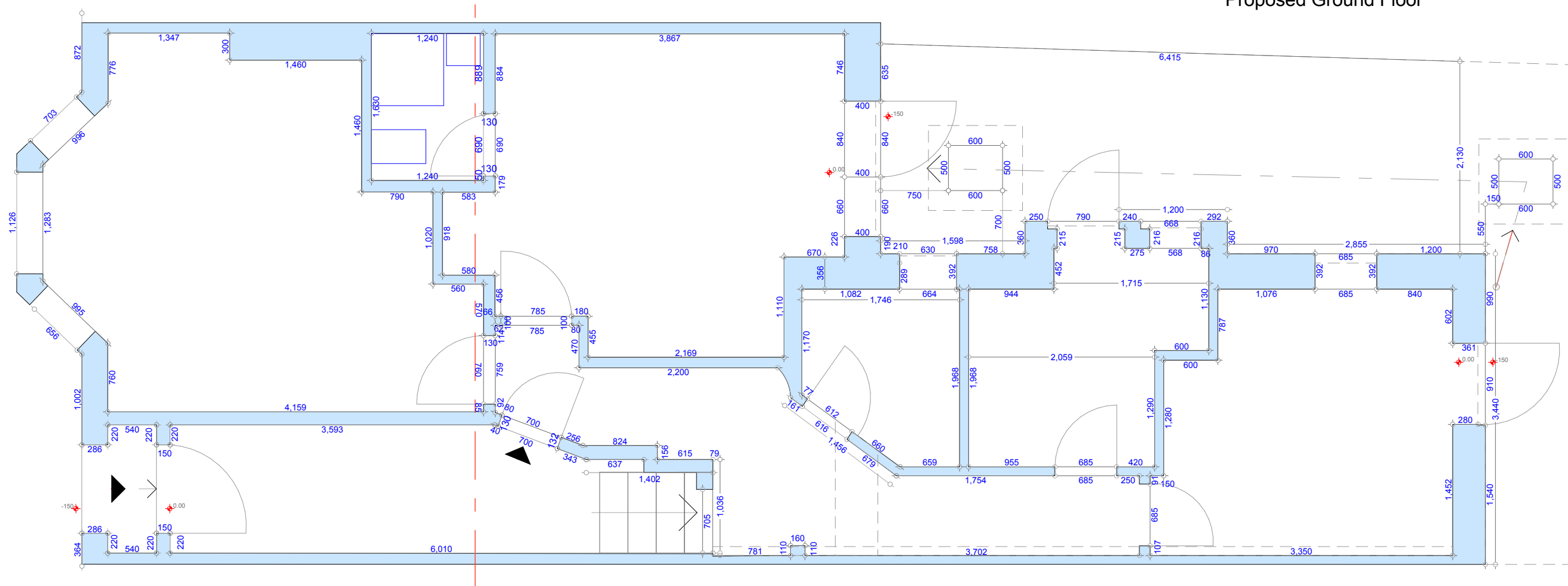
ADMC Ltd.
Architectural Design & Management Co.

7 Ridge Hill, London NW11 8PN.

T: 020 8922 8825 E: admcltd@btinternet.com



Proposed Ground Floor



Existing Ground Floor

Rev	Date	Revision

Client: **Mr. & Mrs. O'Connor**

Project no: 278

Project Name: **4 Ingham Road,
London NW6 1DE**

ADMC LTD

7 Ridge hill,
London NW11 8PN

Tel : 0208 922 8825
Fax: 0208 922 3607
e-mail:
office@admcld.co.uk

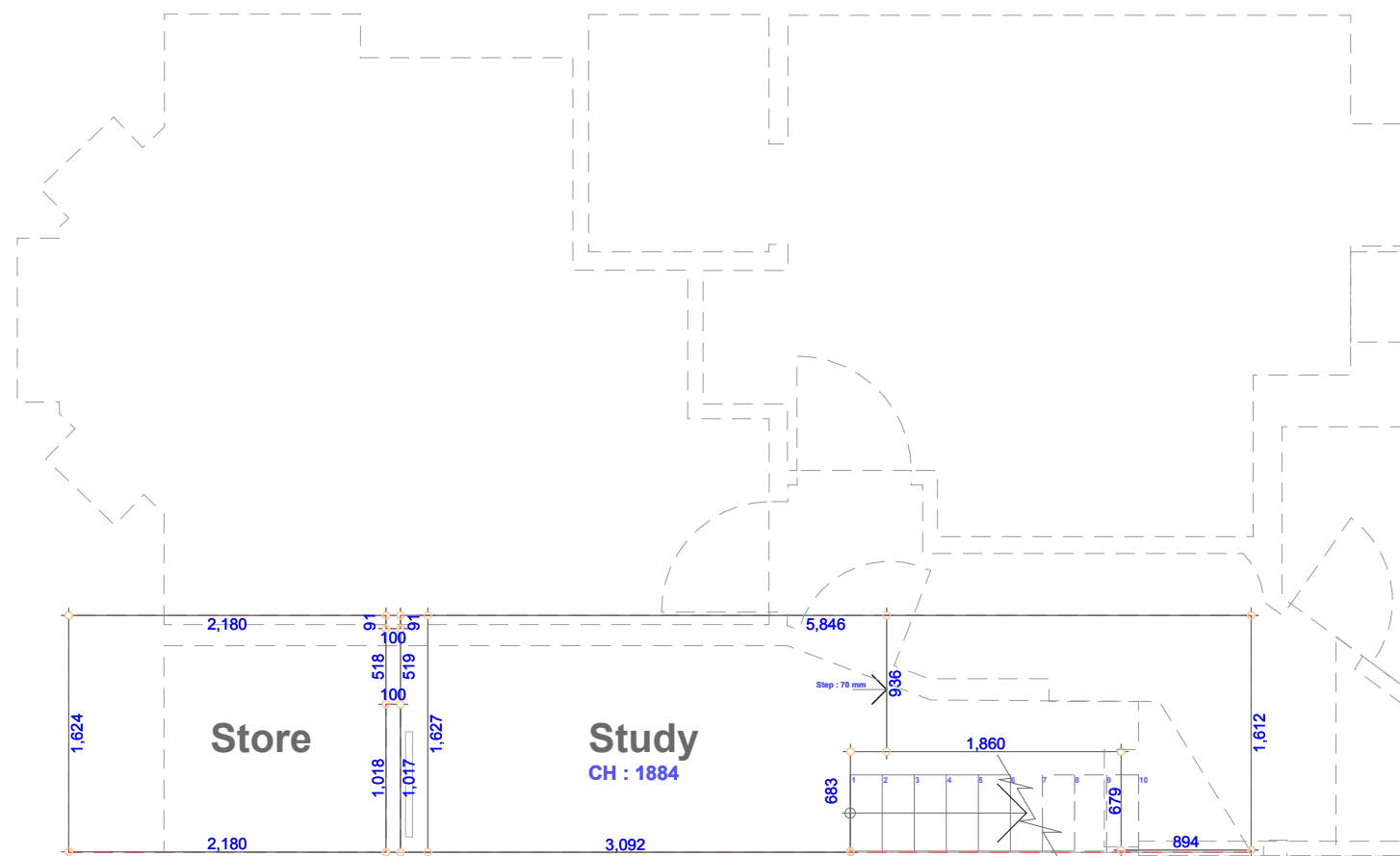
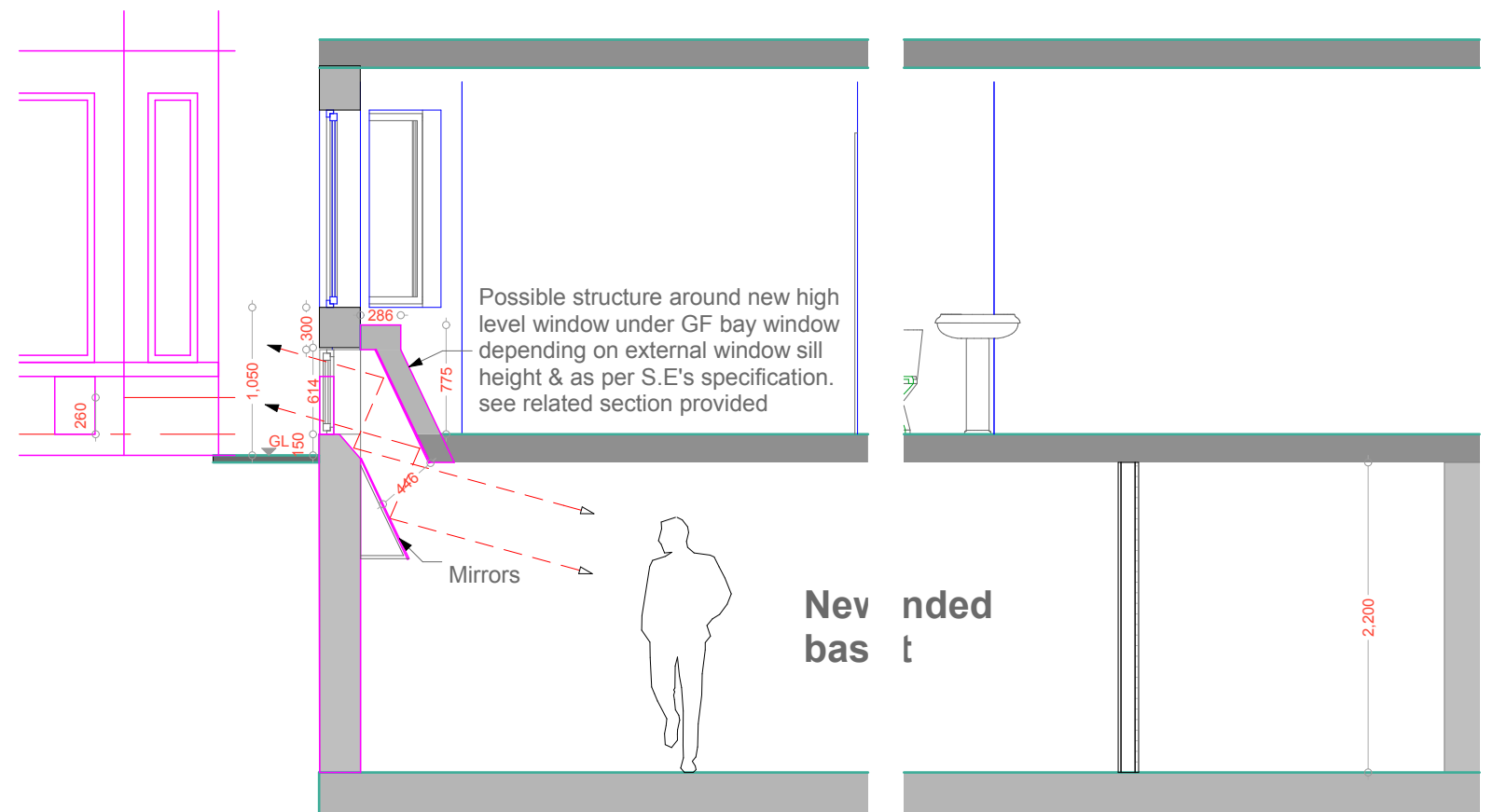
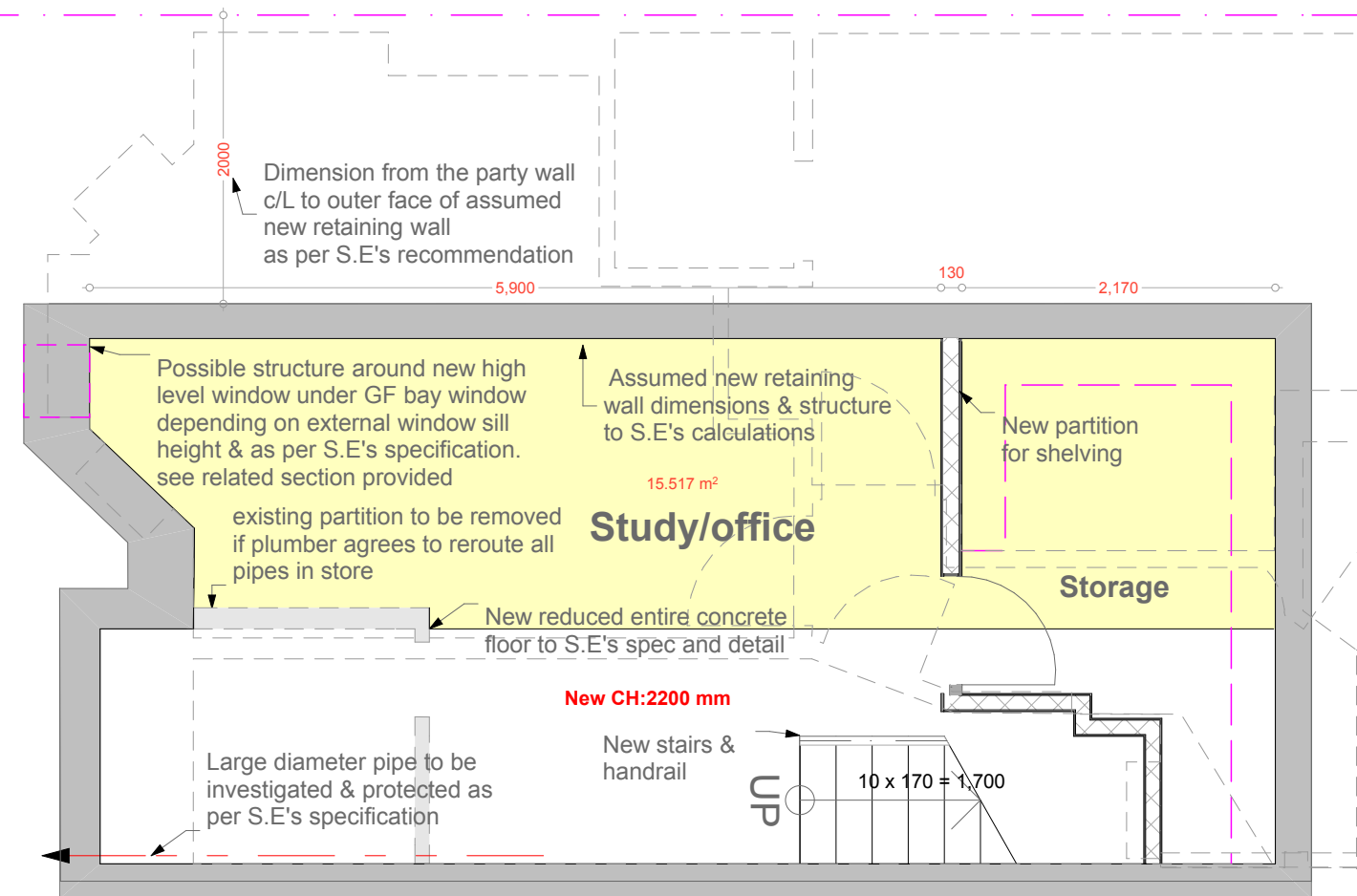
Drawing Title:
Structural Layout Plan

Date: Oct 2015

Drawn by:

Scale: **1 : 50**

Drawing No: **BR / 278 /SE-01** Rev: **A**



Rev	Date	Revision

Client: **Mr. & Mrs. O'Connor**

Project no: 278

Project Name: **4 Ingham Road,
London NW6 1DE**



Drawing Title:

**Basement Structural Layout
Plan & Section**

Date: Feb 2016

Drawn by:

Scale: **1 : 50**

Drawing No: **BR / 278 /SE-01** Rev: **B**

APPENDIX B

BGS borehole logs

TU/2ENG/119
2537.8575

BOREHOLE LOG

Fig. 1

LOCATION NO. 3117 Westfield College, Hampstead, N.W.3.

CARRIED OUT FOR Council of Westfield College.

BOREHOLE NO. 1

DIAMETER: 8 Inch

GROUND LEVEL: 71.7 above
Orients arbitrary datum

DATE: 14th to 16th March, 1959

Description	Reduced Level	Legend	Sample	Depth	Thickness	M/c %
Gravel, clinker and gravel MADE GROUND Fine mottled grey and brown sandy clayey SILT becoming brown and more sandy below 7 ft. (CLAYGATE BEDS)	+71.7			0'0"		
	+69.9		1	1'9"	1'9"	
			2	1'9"		
			3			24
			4			25
			5		12'9"	24
Firm becoming stiff light grey-brown sandy clayey SILT, more clayey below 17 ft. (Probably Claygate Beds)	+57.2		7	14'6"		24
			8		4'6"	30
	+52.7		9	19'0"		26
			10			29
Stiff dark grey silty CLAY slightly fissured and very stiff below 40 ft. fine gypsum throughout. (LONDON CLAY)			11			25
			12			29
			13			27
			14		31'6"	26
			15			25
			16			25
			17			24
			18			25
			19			25
			20			25
END OF BOREHOLE	+21.2		21	50'6"		29
			22			29

Water Level Observations				
Date	Time	Depth of Borehole	Depth of Casing	Depth to Water
16.3.59	0730	14' 6"	14' 6"	1' 4"
17.3.59	0720	50' 6"	-	20' 6"

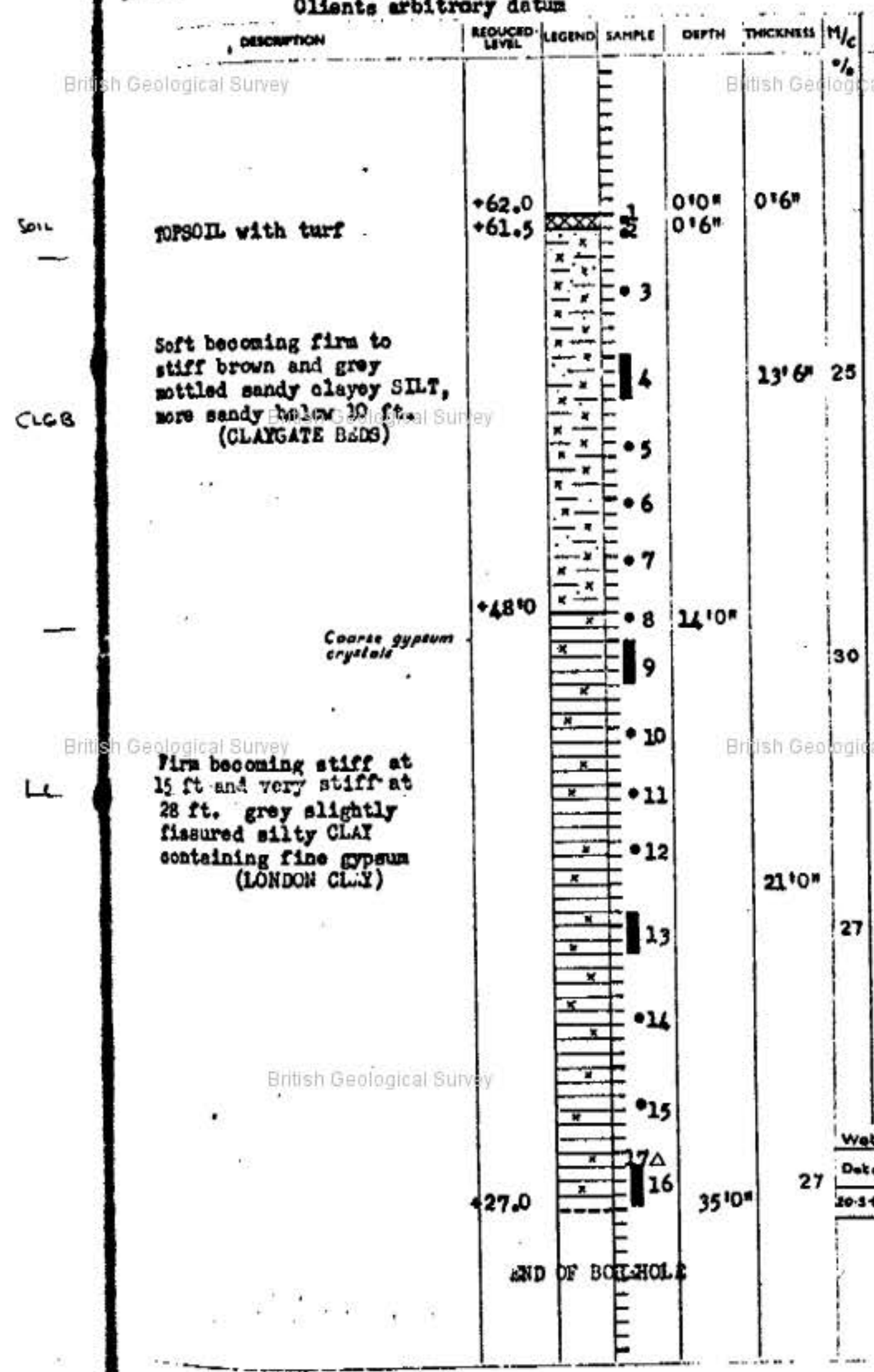
Scale: 1 in. = 5 ft. • Disturbed Sample | Core Sample Δ Water Sample

TA/28NE/119
2837.8575

Fig. 2

BOREHOLE LOG

LOCATION NO. 3117 Westfield College, Hampstead
CARRIED OUT FOR Council of Westfield College.
BOREHOLE NO. 2 DIAMETER: 8 inches
GROUND LEVEL: 62.0 ft. above DATE: 19th March, 1959
Orients arbitrary datum



Water Level Observations

Date	Time	Depth of Borehole	Depth of Casing to Water	Depth to Water
20-3-59	0710	35'0"	—	24'6"

SOIL MECHANICS LTD., 65, OLD CHURCH ST., S.W.3.

TG/28NE/119
2537-8575

BOREHOLE LOG

Fig. 3

LOCATION NO. 3117 Westfield College

DRILLED OUT FOR Council of Westfield College

BOREHOLE NO. 3

DIAMETER: 8 inches

GROUND LEVEL: 62.3 ft. above DATE: 20th and 21st March, 1959
clients arbitrary datum

Description	Reduced Level	Legend	Sample	Depth	Thickness	%
Soil	+62.3		1	0'0"	1'0"	
SOIL with turf	+61.3		2	1'0"		
			3	0'31"		
fine becoming stiff brown and grey mottled sandy silty. Very sandy at 1 ft. 6 in. (CLAYGATE BEDS)			4		14'0"	28
			5			
			6			
	+47.3		7	15'0"		29
			8	4'57"		
			9			
			10			
Stiff grey slightly fissured silty clay with fine gypsum (LONDON CLAY)			11			20
			12			
			13		35'0"	
			14			
			15			
			16			29
Much fine gypsum 39 ft. and 1 large septarian nodule.			17			
			18			
			19			
			20			
	+12.3		21	50'0"		
				13'24"		
END OF BOREHOLE						

Water Level Observations				
Date	Time	Depth of Borehole	Depth of Casing	Depth of Water
21-3-59	0730	41'0"	20'0"	4'8"

Scale: 1 in. = 5 ft. • Disturbed Sample | Core Sample Δ Water Sample

TO/28NE/119

BOREHOLE LOG

DIAMETER: 8 inches

clients arbitrary datum

SOIL MECHANICS LTD., 65, OLD CHURCH ST., S.W.3.

Rate: 15.5%

T. E. Extension

HAMPSTEAD

BOREHOLE LOG

TQ 28 NE 129
2594 8515

Borehole No. 1

Ground Level 62.0m A.O.D. (approx.)

Date 11th-12th, 16th-18th June 1981

Note:-

1. Light Cable Percussion Borehole
2. Casing - 250mm dia. to 1.8m below G.L.
Open hole boring from 1.8 to 29.5m below G.L.
3. Standpipe installed - details below

Description of Strata

Legend

Sample

Depth

O.D.

Remarks

CONCRETE

MADE GROUND:- CLAY, sandy, brown, soft to firm, contains scattered cinders, brick fragments and flints with lenses and layers of soft organic clay

CLAY, Brown, firm, silty, lightly fissured with occasional thin orange silt/sand layers

Class? CH

CLAY, Brown mottled blue grey, firm to stiff, silty, fissured. Contains scattered small Gypsum crystals throughout which are occasionally concentrated into thin layers and pockets. There are also a few small isolated carbonaceous pockets

Class? CH

CLAY, as above, becoming stiff with more pronounced fissuring

Class? CH

CLAY, Brown, stiff, silty, well fissured, with scattered small Gypsum crystals throughout and occasional very thin layers of orange silt/sand

CLAY, as above, becoming darker brown

Class? CH

CLAY, Grey brown, stiff, fairly silty, well fissured, with numerous small Gypsum crystals throughout
(WEATHERED LONDON CLAY)

G.L. 62.0

0.2 61.8

0.7

1.2

1.8 60.6

2.2

2.5

3.5

4.0

5.0

5.5

6.5

7.0

8.0

8.5

9.5

10.0 62.0

Standpipe installed to 29.0m below G.L.
Bottom 3m of pipe slotted and surrounded by a 4.0m response zone of gravel. Gravel response zone sealed by a 2.0m thick Bentonite plug. Hole backfilled with clay.

Reduced to 200mm dia. boring from 4.0m below G.L.

Water added in small quantities to assist boring throughout

contd.

MGRD

LC
(w)

LW

v

T. E. Extension

HAMPSTEAD

BOREHOLE LOG

TQ 28 NE 129
2594 8515

Borehole No. 1 contd.

Note:-

Ground Level.....

Date.....

Description of Strata

Legend

Sample

Depth
(m)O.D.
(m)

Remarks

CLAY, as previous sheet
(WEATHERED LONDON CLAY)

LW

CLAY, Gray, stiff, fairly silty,
well fissured with
scattered small
pockets of brown silt

Class? CH

101

10.0 52.0

10.5 51.5

11.0 50.9

11.1

11.5

Ground water level at
11.1m below G.L on 27.8.81CLAY, as above with the
addition of a few
scattered fossil
shell fragments

68

12.5

13.0

CLAY, as above, contains
a few small nodules
of Pyrites

Class? CH

L

64

14.0

14.5

36

15.5

16.0

21

17.0

17.5

CLAY, as above, becoming
stiffer and very fissured
with a blocky and brittle
structure

Class? CH

69

18.5

19.0

(LONDON CLAY)

Reduced to 150mm dia.
boring from 19.0m below G.L.

20.0 42.0

contd.

T. E. Extension

HAMPSTEAD

BOREHOLE LOG

TQ 28 NE/129
2594 8515

Borehole No. 1 contd.

Note: -

Ground Level

Date

Description of Strata	Legend	Sample	Depth (m)	O.D. (m)	Remarks
CLAY, as previous sheet		55 I	20.0	42.0	
			20.5		
		85 I	21.5		
			22.0		
		05 I	23.0		
			23.5		
CLAY, becoming very stiff and extremely fissured and brittle below 24.0m B.G.L. Too hard to sample, threads sheared on sampling tubes when attempting withdrawal. Clay contains numerous fossil fragments, pyrites and fairly frequent thin layers and lenses of dark grey silt/sand	L	(52)	24.7		
Class 2 CH		(57)	26.2		
		(47)	27.7		
(LONDON CLAY)		(64)	29.2		
			29.5	32.5	
					No water entries observed during boring Borehole dry on completion of boring End of borehole

GEOLOGICAL SURVEY OF GREAT BRITAIN

(For Survey use only)
6-inch Map Registered No.

RECORD OF SHAFT OR BORE FOR MINERALS

Name of Shaft or Bore given by Geological Survey:

Name and Number given by owner:

B.S. The Cock and Hoop

Nat. Grid Reference

2546.8526

For whom made

Town or Village St John Hampstead County

Exact site

West End Lane

Attach a tracing from
a map, or a sketch-
map, if possible.1" N.S. Map
No.

256.

1" O.S. Map
No.Confidential
or not

Purpose for which made

Tube

Ground Level at shaft
bore

relative to O.D.

197.34

If not ground level give O.D. of beginning of shaft
bore

Made by

Date of sinking

Information from

L.C.C.

Date received

Examined by

SPECIMEN NUMBERS AND ADDITIONAL NOTES

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

(For Survey use only)

GEOLOGICAL
CLASSIFICATION

DESCRIPTION OF STRATA

THICKNESS

DEPTH

Ft.

IN.

Ft.

IN.

British Geological Survey

NGR

LC(W)

Vegetable Mould
Vegetable Mould with
stone gravel.
Hard yellow clay

1

1

1

1

2

2

2

0

4

2

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

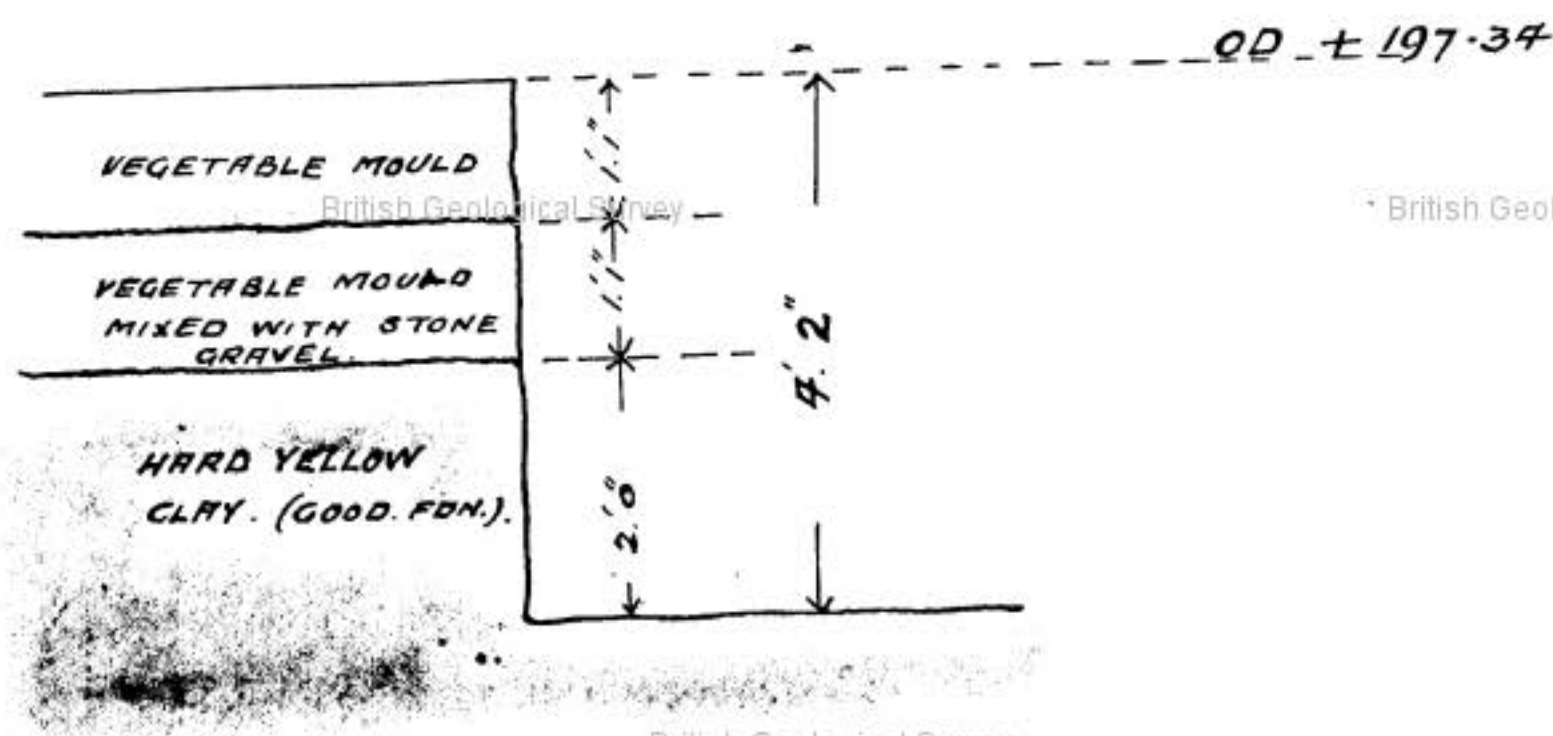
WEST END LANE. WEST HAMPSTEAD

FIRE BRIGADE STATION

SECTION. N^o43

TOP STRATUM

GEOLOGICAL
CLASSIFICATION



SCALE $\frac{1}{2}$ INCH = 1 FOOT.

TQ 28NE/32
2539.8519
256

has
maybe

APPENDIX C

Figure 2 Geological Map, ARUP 2010

