BASELINE ENVIRONMENTAL NOISE FACTUAL REPORT
85 CAMDEN MEWS
LONDON
CALLINAN STUDIO
ENA-21161-17-435
NOVEMBER 2017

idom merebrook

AN idom GROUP COMPANY

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Current Document Details

Authors

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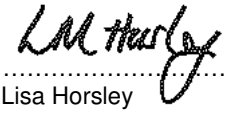
Approved by



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Lisa Horsley

Issued by

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Tim Crowe

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Document Revisions

Rev	Date	Author	Approved	Issued	Remarks
-	24/11/2017	TPC	LMH	TPC	First Issue

Report issued from

DERBYSHIRE Cromford Mills, Mill Lane, Matlock, Derbyshire. DE4 3RQ Tel: 01773 829988

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SECTION 1 INTRODUCTION

1.1 Callinan Studio proposes to undertake the redevelopment of 85 Camden Mews, Camden, London for residential development purposes. The proposed development comprises a basement, ground floor living space, first floor living space, sunken court space and private garden to the rear.

1.2 Idom Merebrook Limited (Merebrook) has been commissioned by Callinan Studio to undertake a baseline environmental noise measurement for use within a Construction Management Plan (CMP).

1.3 The objectives of the investigation are to:

i. Undertake a site walkover and noise measurement survey to determine the ambient acoustic climate at the site and its surroundings; and

ii. Provide factual reporting on the findings of the investigation.

1.4 This report has been prepared for Callinan Studio for the sole purpose described above and no extended duty of care to any third party is implied or offered. Third parties making reference to the report should consult Callinan Studio and Merebrook as to the extent to which the findings may be appropriate for their use.

SECTION 2 SITE SETTING

2.1 THE SITE

2.1.1 The site is located at National Grid Reference [5]29675, [1]84728 to the north of Camden Mews, Camden, London. Surrounding land uses comprise residential properties with the busy A503 Camden Road approximately 30m to the north west of the site boundary. The main railway line into St Pancras International Station is located 144m to the north west of the site boundary.

2.1.2 The site is rectangular in shape with access gained from Camden Mews on the south-eastern boundary. The site is bound to the south east by Camden Mews and to the north east by three garages. The site is bound to the north west and south west by residential properties.

2.1.3 The site location is shown on Merebrook Drawing 21161-309-001 presented in Appendix 1 of this report.

SECTION 3 MONITORING METHODOLOGY

3.1 NOISE MONITORING METHODOLOGY

3.1.1 The acoustic assessment was undertaken by means of a manned roving survey (alternating between monitoring locations NM1, NM2 and NM3). The survey was undertaken between 14:06 on Thursday 16 November and 10:00 on Friday 17 November 2017.

3.1.2 Noise data was collected during the proposed operational construction hours (08:00 – 18:00).

3.1.3 The noise monitoring locations were as follows:

i. NM1: located within the site to the rear of the existing property on the north-west boundary;

ii. NM2: Located within the site to the rear of the property on the south west boundary; and

iii. NM3: located to the south east of the site boundary opposite the existing 85 Camden Mews building.

3.1.4 Merebrook drawing 21161-309-001 showing acoustic monitoring positions is presented in Appendix 1 of this report. A photographic record of the monitoring undertaken is included in Appendix 4.

3.1.5 Acoustic measurements were undertaken using two Class 1 sound level meters as follows:

i. Casella CEL-633C Sound Level Meter (serial number: 5262810) fitted with a Casella CEL-251 microphone (serial number: 1908) and a Casella CEL-495 preamplifier (serial number: 2869). Laboratory calibration was last conducted on 03/04/2017.

ii. Casella CEL-633C Sound Level Meter (serial number: 872560) fitted with a Casella CEL-251 microphone (serial number: 1424) and a Casella CEL-495 preamplifier (serial number: 3339). Laboratory calibration was last conducted on 10/04/2017.

iii. Copies of calibration certificates can be provided on request.

3.1.6 Each sound level meter was calibrated with Casella CEL-120/1 field calibrators (serial numbers: 2221116 and 2621477 respectively) with a reference level of 94 dB at 1000 Hz, immediately before and after each measurement with minimal drift in calibration level noted. The calibrators were last calibrated under laboratory conditions on April 2017.

3.1.7 Measurements at monitoring positions NM1 and NM2 were made at 1.2 metres above ground level in a free field environment. Measurements at NM3 were made at 1.2m above ground level but due to the close proximity of neighbouring buildings it was not within a free field environment. The monitoring position was within 1 m of a large brick wall acting as a reflecting surface. As a result a -3 dB façade correction factor will be added to measurements made at this position to approximate free field levels.

3.1.8 A windshield was fitted for all measurements at each of the monitoring locations.

3.1.9 Weather conditions throughout the manned roving acoustic survey were within limits considered acceptable for noise monitoring, being dry but overcast with light or no measurable winds. A hand-held anemometer was used during the manned survey to ensure suitable conditions.

3.1.10 Data from a nearby amateur weather station at Primrose Hill has been used to verify that climatic conditions were suitable for baseline acoustic measurements. A copy of the recorded weather data for the 16th and 17th November is included in Appendix 2 of this report.

3.1.11 Full details of the monitoring and notes on the noise sources identified are presented on field monitoring records in Appendix 2.

SECTION 4 ENVIRONMENTAL MONITORING RESULTS

4.1 QUALITATIVE DESCRIPTION OF NOISE CLIMATE

4.1.1 The acoustic climate at the site was influenced primarily by road traffic noise from both Camden Road and Camden Park Road, birdsong, overhead aircraft and occasional construction work noise.

4.1.2 No significant noise of a commercial or industrial nature was noted during the noise survey.

4.1.3 A summary of the qualitative descriptions of environmental sound at each monitoring location are presented below in Table 1.

Table 1: Qualitative Descriptions of Environmental Noise

POSITION	LOCATION	DOMINANT SOUND SOURCES
NM1	North west boundary of site	**Day**: Dominated by road traffic from Camden Road, Camden Park Road, birdsong, overhead aircraft and intermittent construction noise.
NM2	South west boundary of the site	**Day**: Dominated by road traffic from Camden Road, Camden Park Road, birdsong, overhead aircraft and intermittent construction noise.
NM3	To the south east of the site – Outside of the site boundary	**Day**: Dominated by road traffic from Camden Road, Camden Park Road, Camden Mews, birdsong, overhead aircraft and intermittent construction noise.

4.1.4 The field monitoring records which include qualitative descriptions of the acoustic climate are presented in Appendix 2.

4.2 NOISE MEASUREMENT

4.2.1 Data quality assessment has been undertaken to identify any events which might not be considered part of the typical ambient acoustic climate. All data from the manned survey was considered to be reasonably representative and was included within the data provided.

4.2.2 It was appropriate to apply a -3 dB façade correction factor to measurements made at NM3. This is due to the measurement position being within 3.5m of a reflective facade. The attenuation factor provides a dB level for comparison with the other measurement positions, without the influence of acoustic reflections.

4.2.3 The results of the acoustic monitoring are summarised in Table 2 below and the sound level meter summary graphs are included in Appendix 3.

Table 2: Summary of Noise Monitoring Data

				Measured Data				
Monitoring Location	Monitoring Period	Duration (Hours)	Start Time	$L_{Aeq, 15\ min}$ Range (dB)	$L_{Aeq, 15\ min}$ Average (dB)	$L_{Af90, 15\ min}$ Range (dB)	$L_{Afmax, 15\ min}$ Range (dB)	L_{Aeq} average
NM1	Daytime	2	16/11/2017 14:06	49 - 52	50	45 - 47	62 - 69	**50**
NM2	Daytime	2	16/11/2017 14:10	50 - 53	51	45 - 48	60 - 73	**51**
NM3	Daytime	1	16/11/2017 16:18	52 - 58	56	43 - 45	76 - 87	**57**
		2	17/11/2017 07:59	48 - 62	57	42 - 45	62 - 90	
	Daytime*	1	16/11/2017 16:18	49 - 55	53	40 - 42	73 - 84	**54**
		2	17/11/2017 07:59	45 - 59	54	39 - 42	59 - 87	

* 3dB attenuation factor applied to measured values due to monitoring position being within 3.5m of a reflective surface.

4.2.4 Average daytime L_{Aeq} levels at the site ranged between 50 to 54 dB. Noise levels were at their greatest at NM3 along Camden Mews. $L_{Aeq,15\ min}$ levels on the interior of the site adjacent to neighbouring sensitive receptors was recorded as being 49 – 53 dB, with the greatest levels at NM2 where a direct line of sight to the busy Camden Road was noted.

4.2.5 Measured data representing recorded L_{AFmax} and L_{Aeq} in graphs are included in Appendix 3 of this report.

4.2.6 It is noted that $L_{Aeq, 15min}$ noise levels at NM3 during the morning rush hour period on Friday 17th November were on average 1 dB louder than during the afternoon the day before. This is noted to be less than the 3 dB threshold considered audible to the human ear. $L_{AFmax, 15min}$ levels, during the rush hour period, peaked at 3 dB higher than those levels recorded during the afternoon the day before.

SECTION 5 CONCLUSIONS

5.1 Callinan Studio proposes to undertake the redevelopment of 85 Camden Mews, comprising a basement, ground floor living space, first floor living space, sunken court and private garden to the rear.

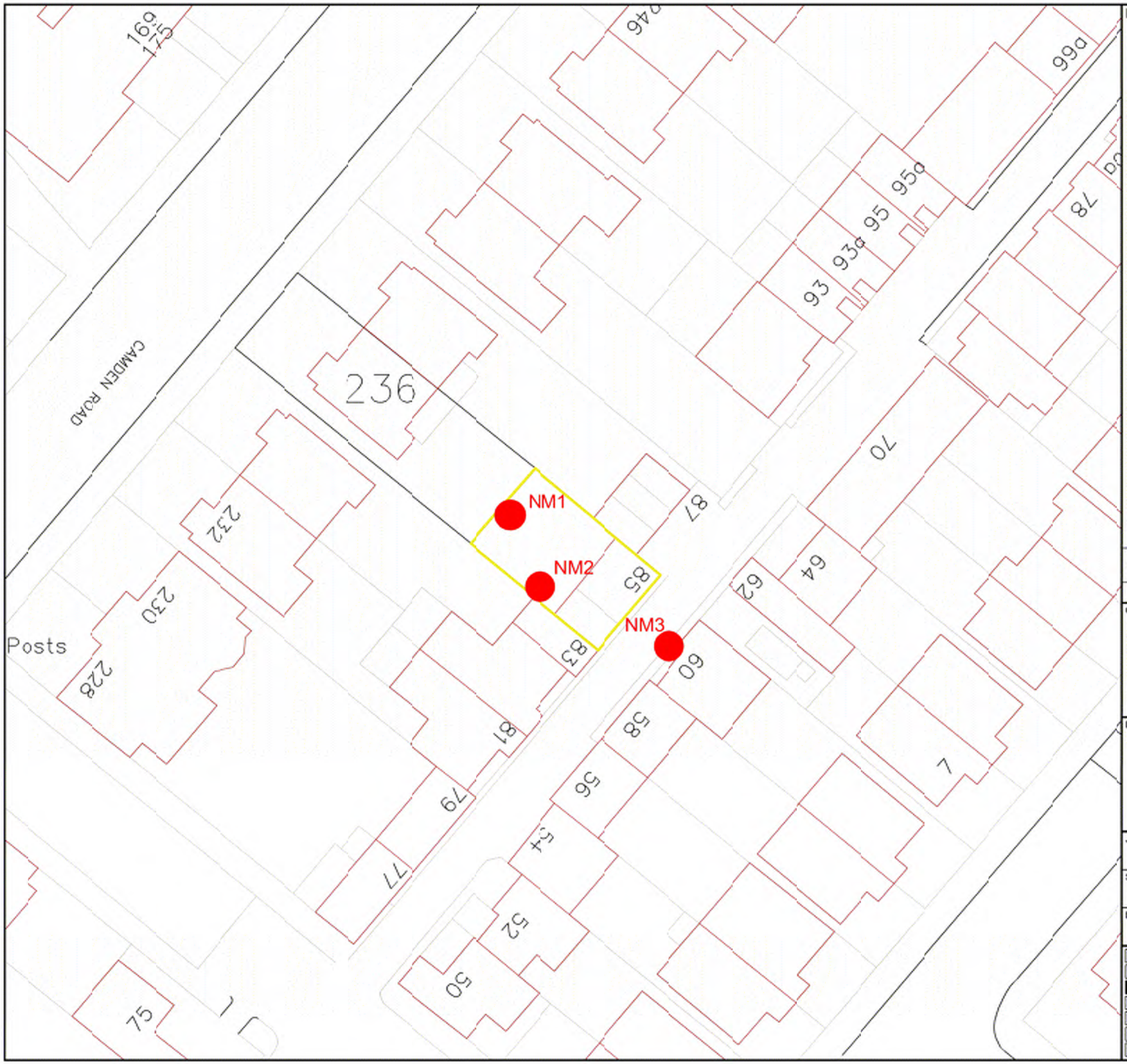
5.2 Idom Merebrook Ltd have undertaken a baseline noise survey to characterise the acoustic climate for the site and its immediate surroundings.

5.3 The acoustic measurement was undertaken during construction working hours by means of a manned roving survey between 14:06 on Thursday 16 November and 10:00 on Friday 17 November 2017.

5.4 Average daytime L_{Aeq} levels at the site ranged between 50 to 54 dB. Noise levels were at their greatest at NM3 along Camden Mews. Levels on the interior of the site adjacent to neighbouring sensitive receptors was recorded as being 49 – 53 dB, with the greatest levels at NM2 where a direct line of sight to the busy Camden Road was noted.

APPENDIX 1

- Drawings:
- 21161-309-001
- Ground Floor Plan: Proposed
- First Floor Plan: Proposed
- Roof Plan: Proposed



Legend

MNref — Merebrook noise monitoring location with reference

First issue	21-11-2017	SNC	-
	MW	MW	
Issue Details	Dwn	Chd	App'd

Client/Project

Callinan Studio

85 Camden Mews

Dwg Title

Baseline Acoustic

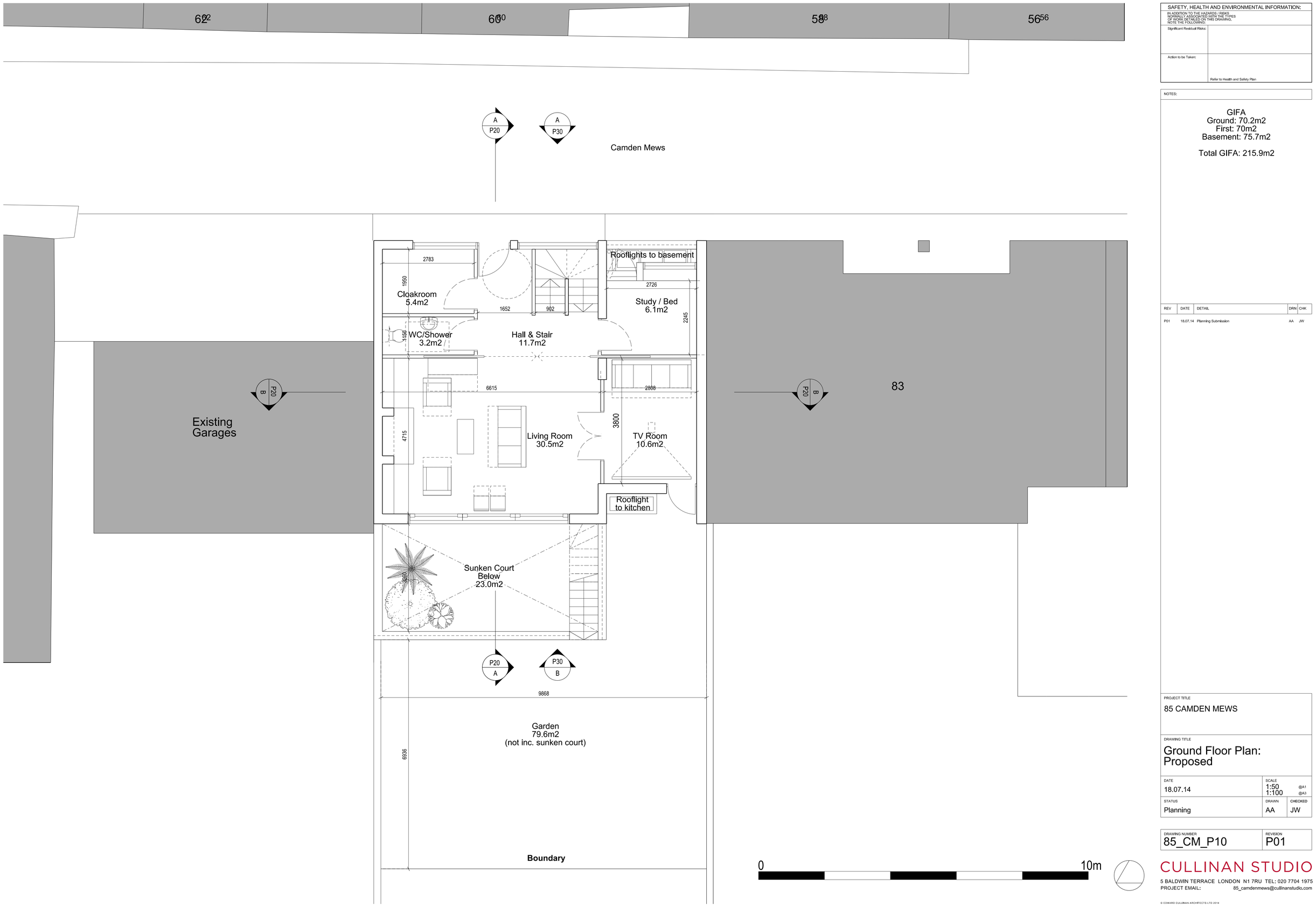
Monitoring Locations

Job No. 21161	Dwg No. 309-001	Revision -
Scale N.T.S.	Date November 2017	Frame Dimensions mm (A3) 400 x 280
Drawn SNC	Checked MW	Approved MW

London
Kent
Derbyshire
Cardiff
Manchester
Stirling
Birmingham

idom merebrook

Cranford Mill, Mill Lane, Matlock, Derbyshire, England, DE4 3RG
tel: +44(0)1773 828888 fax: +44(0)1773 828828 email: info@merebrook.co.uk



0 10m

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION:

IN ADDITION TO THE HAZARDS / RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

Significant Residual Risks:	
Action to be Taken:	Refer to Health and Safety Plan

NOTES:

GIFA
Ground: 70.2m2
First: 70m2
Basement: 75.7m2

Total GIFA: 215.9m2

REV	DATE	DETAIL	DRN	CHK
P01	18.07.14	Planning Submission	AA	JW

PROJECT TITLE
85 CAMDEN MEWS

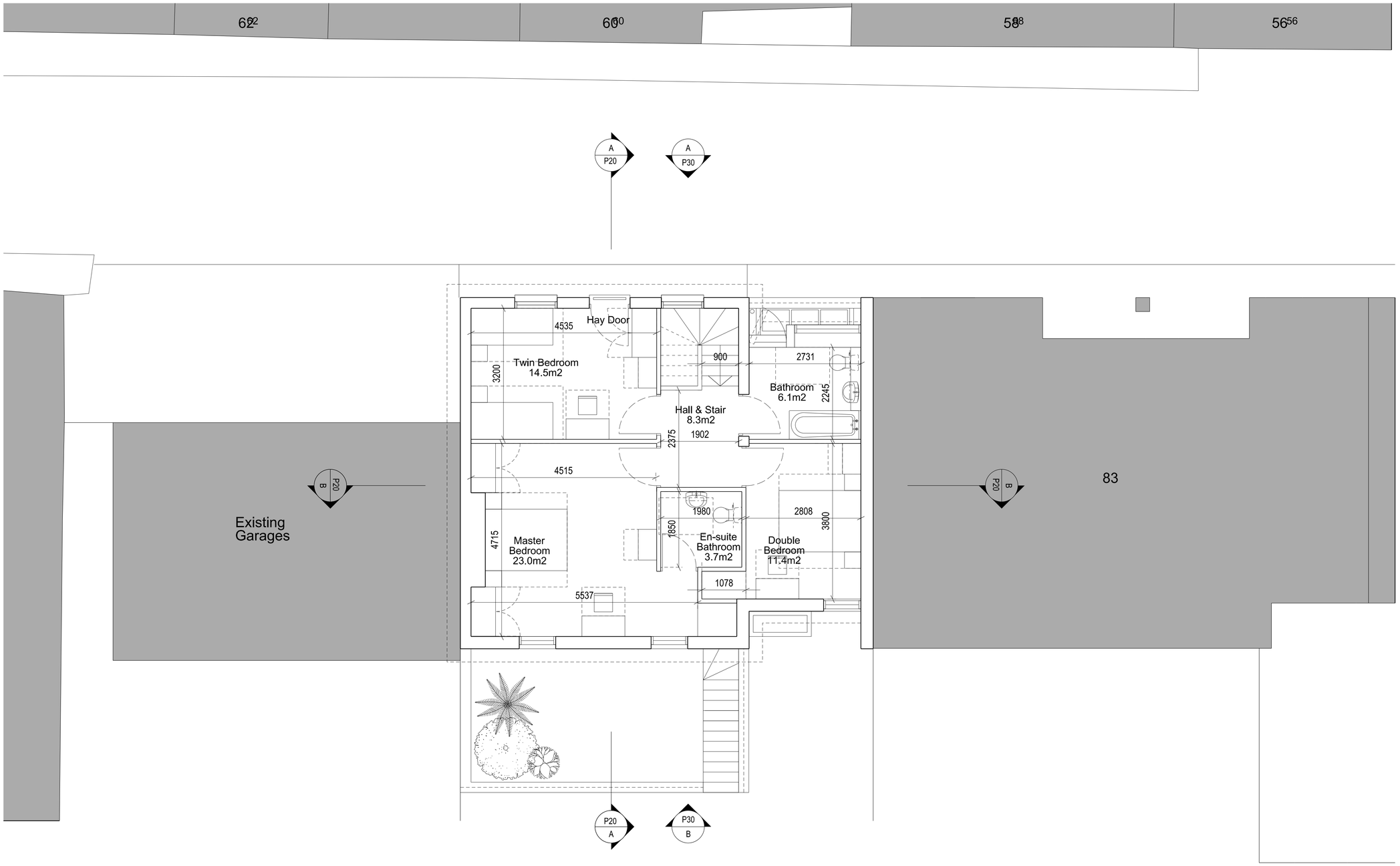
DRAWING TITLE
Ground Floor Plan: Proposed

DATE	SCALE	
18.07.14	1:50 1:100	@A1 @A3

STATUS	DRAWN	CHECKED
Planning	AA	JW

DRAWING NUMBER	REVISION
85_CM_P10	P01

CULLINAN STUDIO
5 BALDWIN TERRACE LONDON N1 7RU TEL: 020 7704 1975
PROJECT EMAIL: 85_camdenmews@cullinanstudio.com



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION:

IN ADDITION TO THE HAZARDS / RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DESCRIBED ON THIS DRAWING, NOTE THE FOLLOWING:

Significant Residual Risks:	
Action to be Taken:	Refer to Health and Safety Plan

NOTES:

GIFA: 70m2

REV.	DATE	DETAIL	DRN	CHK
P01	18.07.14	Planning Submission	AA	JW

PROJECT TITLE
85 CAMDEN MEWS

DRAWING TITLE
First Floor Plan:
Proposed

DATE	SCALE	
18.07.14	1:50 1:100	@A1 @A3

STATUS	DRAWN	CHECKED
Planning	AA	JW

DRAWING NUMBER	REVISION
85_CM_P11	P01

CULLINAN STUDIO
5 BALDWIN TERRACE LONDON N1 7RU TEL: 020 7704 1975
PROJECT EMAIL: 85_camdenmews@cullinanstudio.com

62

60

58

56

A
P20

A
P30

New slate roof
with overhanging eaves
to match form of existing

B
P20

Existing
Garages

New position
for chimney

B
P20

New brick party wall

83

Line of existing wall
shown dotted below

P20
A

P30
B

0

10m

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION:

IN ADDITION TO THE HAZARDS / RISKS
NORMALLY ASSOCIATED WITH THE TYPES
OF WORK SHOWN ON THIS DRAWING,
NOTE THE FOLLOWING:

Significant Residual Risks:	
Action to be Taken:	Refer to Health and Safety Plan

NOTES:

REV	DATE	DETAIL	DRN	CHK
P01	18.07.14	Planning Submission	WY	AA

PROJECT TITLE
85 CAMDEN MEWS

DRAWING TITLE
Roof Plan:
Proposed

DATE	SCALE	
18.07.14	1:50 1:100	@A1 @A3

STATUS	DRAWN	CHECKED
Planning	AA	JW

DRAWING NUMBER	REVISION
85_CM_P13	P01

CULLINAN STUDIO
5 BALDWIN TERRACE LONDON N1 7RU TEL: 020 7704 1975
PROJECT EMAIL: 85_camdenmews@cullinanstudio.com

APPENDIX 2

- Field Monitoring Records
- Weather Station Data

ENVIRONMENTAL NOISE FIELD MONITORING RECORD

SITE NAME	85 Camden Mews	**PROJECT NUMBER**	21161	**DATE**	16/11/2017	**RECORDED BY**	Michael Whittall

INSTRUMENTATION	TYPE	SERIAL NUMBER	DOLC
SOUND LEVEL METER	Casella CEL-633C	5262810	03/04/2017
MICROPHONE	Casella CEL-251	1908	03/04/2017
PREAMPLIFIER	Casella CEL-495	2869	03/04/2017
CALIBRATOR	Casella CEL-120/1	2221116	03/04/2017

FIELD CALIBRATION			
CALIBRATION LEVEL: 94 dB			
CALIBRATION CHANGE AT START	0	CALIBRATION CHANGE AT END	0

MONITORING LOCATION (>3.5 m from reflecting surface OR apply façade correction post processing)	NM1	**MICROPHONE HEIGHT ABOVE GROUND LEVEL (m)** (1.2-1.5 m)	1.2	**BATTERY LEVEL AT START (V)**	4.8	**BATTERY LEVEL AT END (V)**	4.8

Start Time	14:06:00	**End Time**	16:06:00

WEATHER OBSERVATIONS

Overcast and dry with occasional gusts of wind.

NOISE CLIMATE (GENERAL)

Noise from predominantly Camden Road and Camden Park Road. Other noise sources include bird song, airplanes and intermittent construction noise.

NOISE CLIMATE (SITE)

14.44 - Siren and construction works, 14.50 Airplane low flying above, 14.50 - Construction works, 15.05 - Checking monitors, 15.18 Siren, 15.56 - Construction works

ENVIRONMENTAL NOISE FIELD MONITORING RECORD

SITE NAME	85 Camden Mews	**PROJECT NUMBER**	21161	**DATE**	16/11/2017	**RECORDED BY**	Michael Whittall

INSTRUMENTATION	TYPE	SERIAL NUMBER	DOLC
SOUND LEVEL METER	Casella CEL-633A	0873560	10/04/2017
MICROPHONE	Casella CEL-251	1424	10/04/2017
PREAMPLIFIER	Casella CEL-495	003339	10/04/2017
CALIBRATOR	Casella CEL-120/1	2621477	10/04/2017

FIELD CALIBRATION			
CALIBRATION LEVEL: 94 dB			
CALIBRATION CHANGE AT START	-0.6	CALIBRATION CHANGE AT END	-0.1

MONITORING LOCATION (>3.5 m from reflecting surface OR apply façade correction post processing)	NM2	**MICROPHONE HEIGHT ABOVE GROUND LEVEL (m)** (1.2-1.5 m)	1.2	**BATTERY LEVEL AT START (V)**	4.8	**BATTERY LEVEL AT END (V)**	4.8

Start Time	14:10:00	**End Time**	16:10:00

WEATHER OBSERVATIONS

Overcast and dry with occasional gusts of wind.

NOISE CLIMATE (GENERAL)

Noise from predominantly Camden Road and Camden Park Road. Other noise sources include bird song, airplanes and intermittent construction noise.

NOISE CLIMATE (SITE)

14.44 - Siren and construction works, 14.50 Airplane low flying above, 14.50 - Construction works, 15.05 - Checking monitors, 15.18 Siren, 15.56 - Construction works

ENVIRONMENTAL NOISE FIELD MONITORING RECORD

SITE NAME	85 Camden Mews	**PROJECT NUMBER**	21161	**DATE**	16/11/2017	**RECORDED BY**	Michael Whittall

INSTRUMENTATION	TYPE	SERIAL NUMBER	DOLC
SOUND LEVEL METER	Casella CEL-633A	0873560	10/04/2017
MICROPHONE	Casella CEL-251	1424	10/04/2017
PREAMPLIFIER	Casella CEL-495	003339	10/04/2017
CALIBRATOR	Casella CEL-120/1	2621477	10/04/2017

FIELD CALIBRATION			
CALIBRATION LEVEL: 94 dB			
CALIBRATION CHANGE AT START	0	CALIBRATION CHANGE AT END	-0.2

MONITORING LOCATION (>3.5 m from reflecting surface OR apply façade correction post processing)	NM3	**MICROPHONE HEIGHT ABOVE GROUND LEVEL (m)** (1.2-1.5 m)	1.2	**BATTERY LEVEL AT START (V)**	4.8	**BATTERY LEVEL AT END (V)**	4.8

Start Time	16:18:00	**End Time**	17:18:00

WEATHER OBSERVATIONS

Overcast with spots of rain at the start of monitoring period. Occasional strong gusts of wind.

NOISE CLIMATE (GENERAL)

Predominant noise from traffic sources, aircraft and intermittent construction works. Steading flow of people and vehicles along Camden Mews.

NOISE CLIMATE (SITE)

16:19 - Car, 16:26 - Helicopter and Siren, 16:30 - Strong gust of wind moving dry leaves, 16:35 - Pedestrians and construction works, 16:44 - Car, 16:52 - Car, 16:53 - Pedestrians, 17:02 - Pedestrians, 17:04 - Pedestrians, 17:05 Van (idling for 1-2 mins) and home owner emptying their bins, 17:10 - Doors closing on nearby properties, 17:18 - Car.

ENVIRONMENTAL NOISE FIELD MONITORING RECORD

SITE NAME	85 Camden Mews	**PROJECT NUMBER**	21161	**DATE**	17/11/2017	**RECORDED BY**	Michael Whittall

INSTRUMENTATION	TYPE	SERIAL NUMBER	DOLC
SOUND LEVEL METER	Casella CEL-633A	0873560	10/04/2017
MICROPHONE	Casella CEL-251	1424	10/04/2017
PREAMPLIFIER	Casella CEL-495	003339	10/04/2017
CALIBRATOR	Casella CEL-120/1	2621477	10/04/2017

FIELD CALIBRATION			
CALIBRATION LEVEL: 94 dB			
CALIBRATION CHANGE AT START	0.1	CALIBRATION CHANGE AT END	0

MONITORING LOCATION (>3.5 m from reflecting surface OR apply façade correction post processing)	NM3	**MICROPHONE HEIGHT ABOVE GROUND LEVEL (m)** (1.2-1.5 m)	1.2	**BATTERY LEVEL AT START (V)**	4.8	**BATTERY LEVEL AT END (V)**	4.8

Start Time	08:00:00	**End Time**	09:00:00

WEATHER OBSERVATIONS

Cold, dry, sunny and clear.

NOISE CLIMATE (GENERAL)

Traffic from Camden Mews, Camden Park Road and occasional traffic along Camden Mews. Bird song and construction works post 08:30 made up the rest of the noise climate.

NOISE CLIMATE (SITE)

08:00 - Siren and pedestrian, 08:04 - Car, pedestrian and car parking for 1-2 minutes, 08:07 - Siren, car and low flying plane, 08:10 - Van, 08:15 - Pedestrians, 08:32 - Pedestrians, 08:34 - Pedestrians, 08:35 - Two vans, car and pedestrians, 08:40 - 08:44 - Home owner leaving house and conversation regarding noise monitoring, 08:52 - Runners and Pedestrians, 08:59 - Spoke to home owner of 60 Camden Mews.

ENVIRONMENTAL NOISE FIELD MONITORING RECORD

SITE NAME	85 Camden Mews	**PROJECT NUMBER**	21161	**DATE**	17/11/2017	**RECORDED BY**	Michael Whittall

INSTRUMENTATION	TYPE	SERIAL NUMBER	DOLC
SOUND LEVEL METER	Casella CEL-633A	0873560	10/04/2017
MICROPHONE	Casella CEL-251	1424	10/04/2017
PREAMPLIFIER	Casella CEL-495	003339	10/04/2017
CALIBRATOR	Casella CEL-120/1	2621477	10/04/2017

FIELD CALIBRATION			
CALIBRATION LEVEL: 94 dB			
CALIBRATION CHANGE AT START	0.1	CALIBRATION CHANGE AT END	-0.1

MONITORING LOCATION (>3.5 m from reflecting surface OR apply façade correction post processing)	NM3	**MICROPHONE HEIGHT ABOVE GROUND LEVEL (m)** (1.2-1.5 m)	1.2	**BATTERY LEVEL AT START (V)**	4.8	**BATTERY LEVEL AT END (V)**	4.8

Start Time	09:00:00	**End Time**	10:00:00

WEATHER OBSERVATIONS

Cold, dry, sunny and clear.

NOISE CLIMATE (GENERAL)

Traffic was the predominant noise source (from Camden Mews, Camden Park Road and occasional traffic along Camden Mews) along with intermittent construction works.

NOISE CLIMATE (SITE)

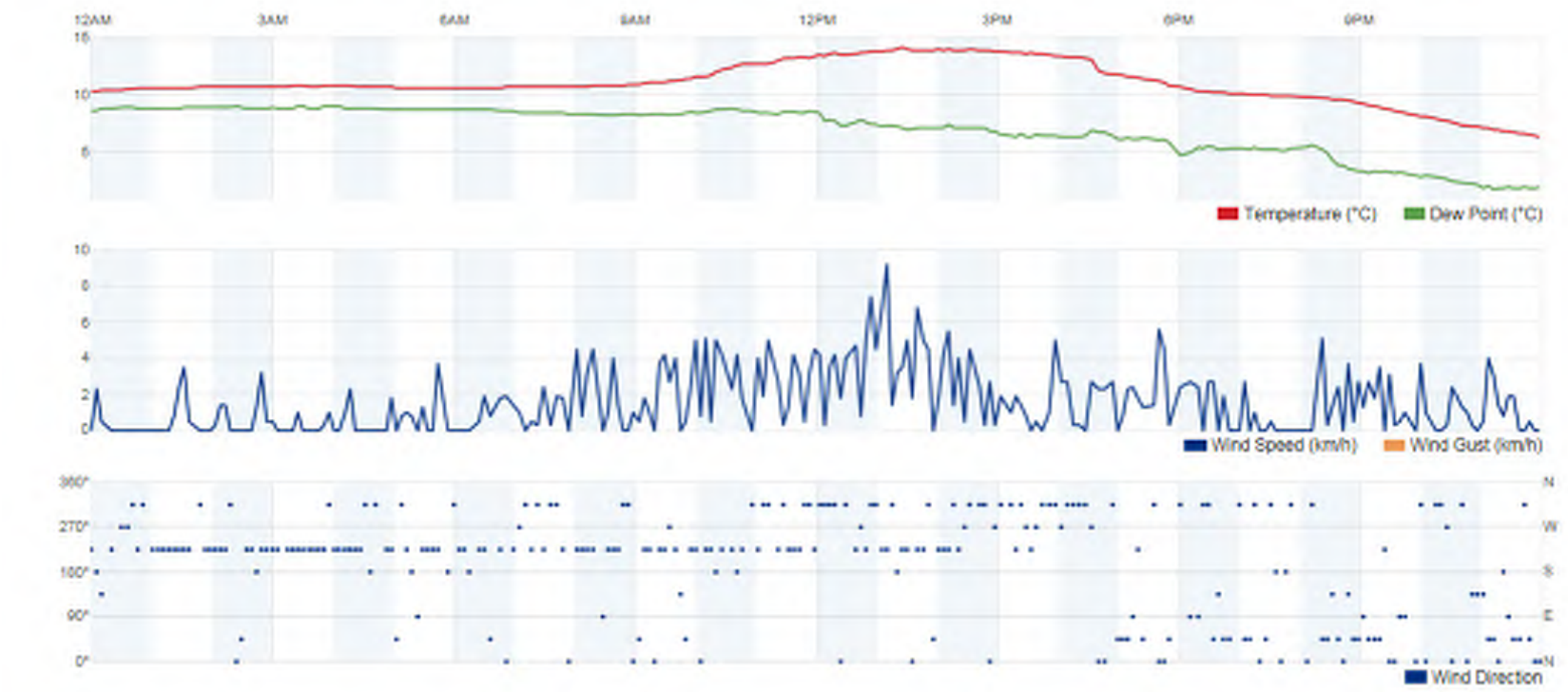
09:06 - Car, 09:10 - Pedestrians, 09:14: Car and pedestrian leaving an adjacent house, 09:18 - Bin lorry collection along Camden mews, 09:22 - Street cleaner, 09:26 - Delivery next door and car, 09:32 - Car, 09:50 - A closing door and pedestrian, 09:51 - Car, 09:55 -Pedestrians, 09:57 - Constructions works and pedestrians, 09:58 - Home owner putting out their bins.

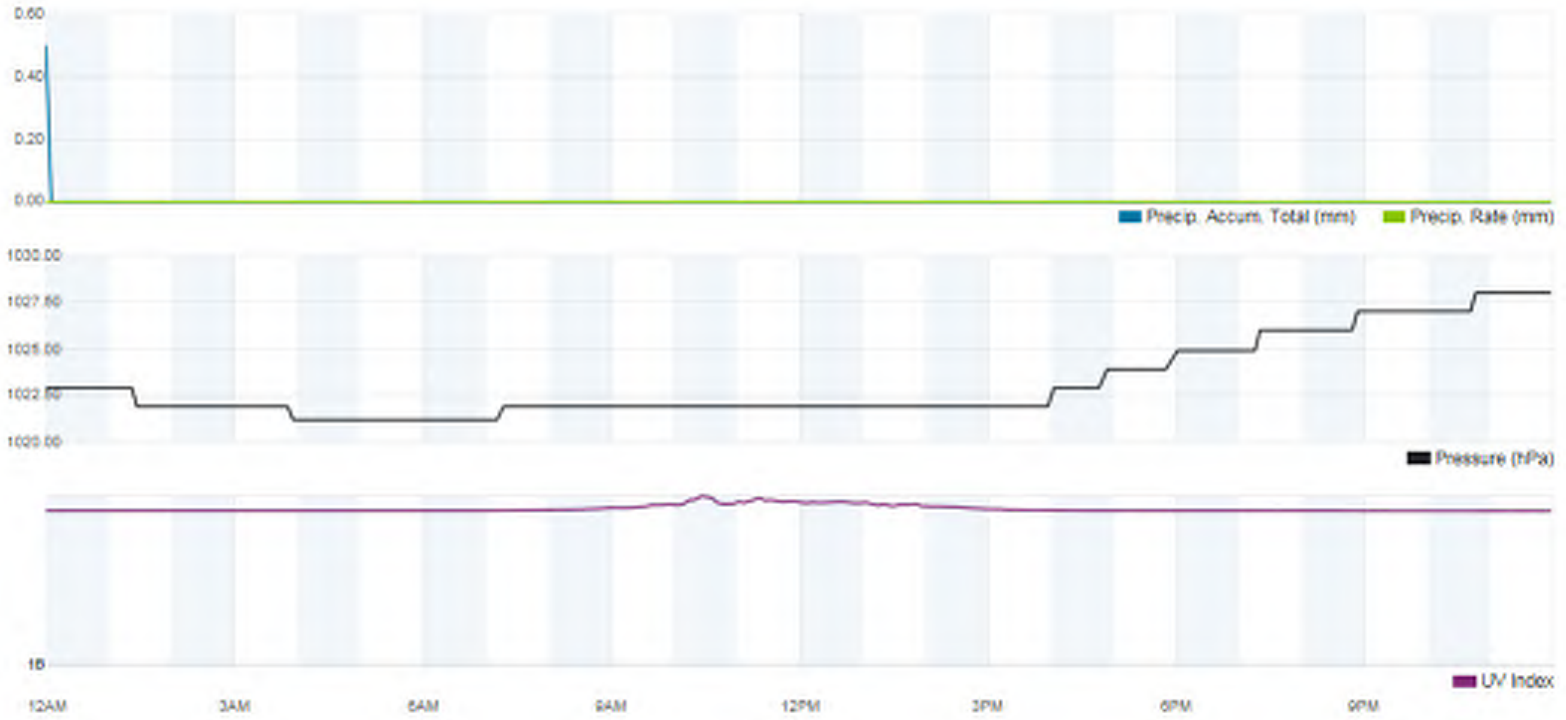
Weather History for Amateur Weather Station Located at Primrose Hill, London

Thursday 16th November 2017

	High	Low	Average
Temperature	**14.2** °C	**6.3** °C	**10.3** °C
Dew Point	**9** °C	**1.7** °C	**6.9** °C
Humidity	**90%**	**61%**	**76%**
Precipitation	**0** mm	--	--

	High	Low	Average
Wind Speed	**9** km/h	--	**2** km/h
Wind Gust	**0** km/h	--	--
Wind Direction	--	--	**West**
Pressure	**1028** hPa	**1021** hPa	--

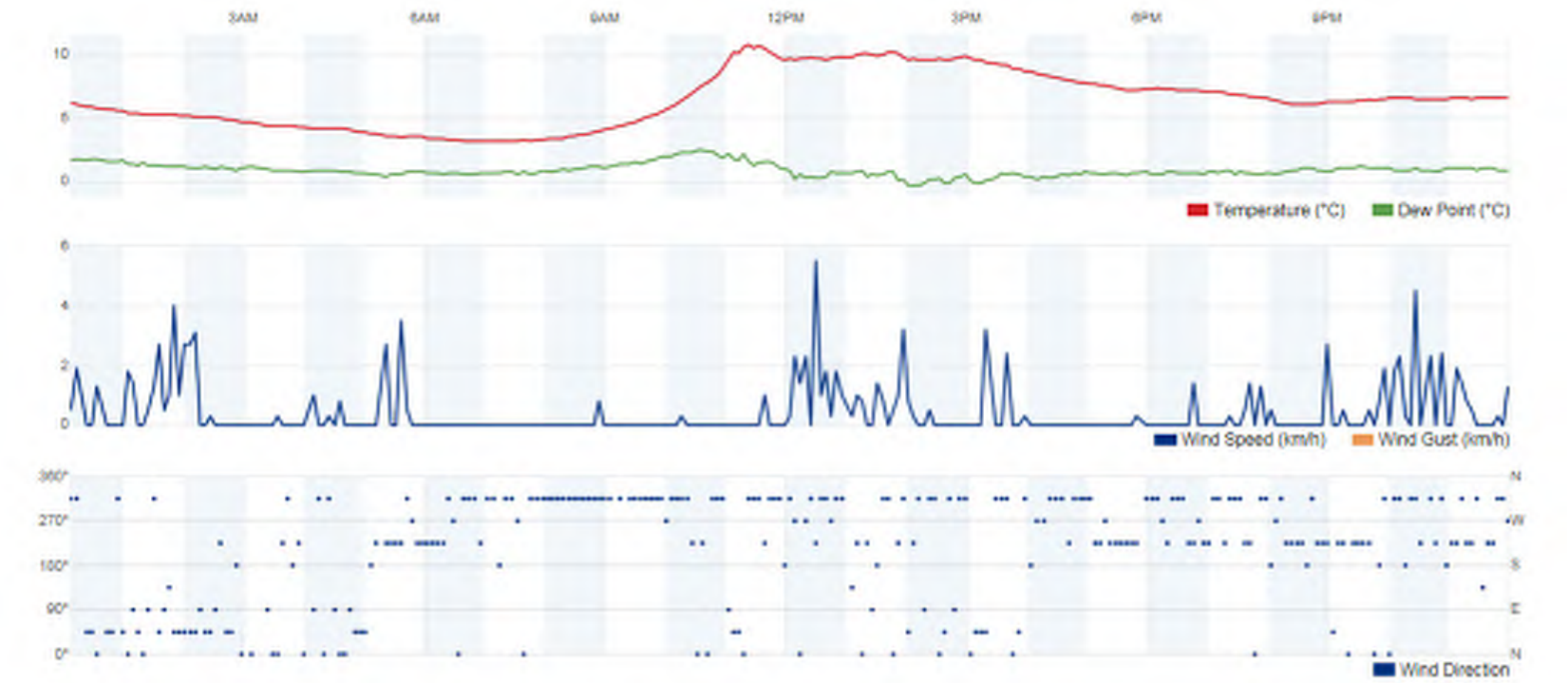


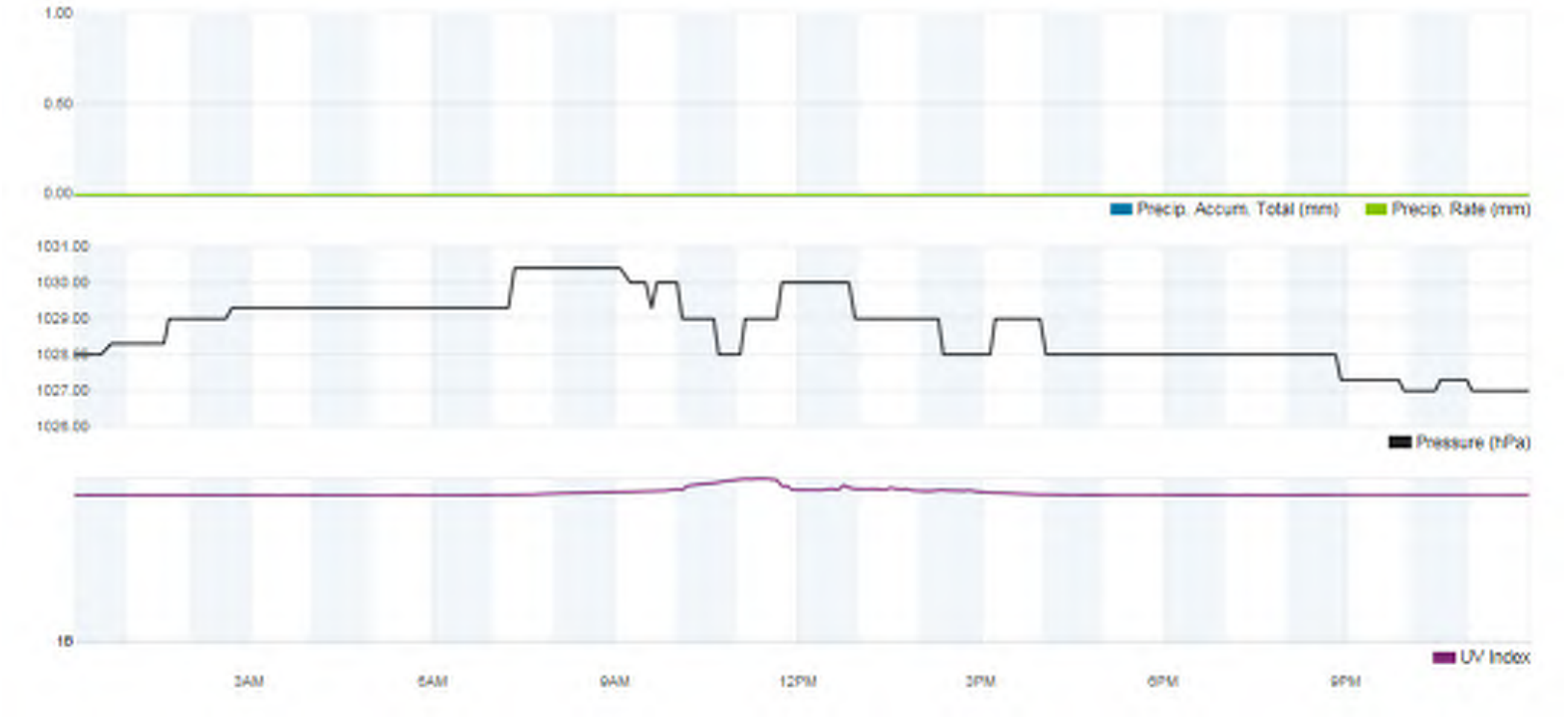

0.60
0.40
0.20
0.00
Precip. Accum. Total (mm)
Precip. Rate (mm)
1030.00
1027.50
1025.00
1022.50
1020.00
Pressure (hPa)
15
UV Index
12AM
3AM
6AM
9AM
12PM
3PM
6PM
9PM

Friday 17th November 2017

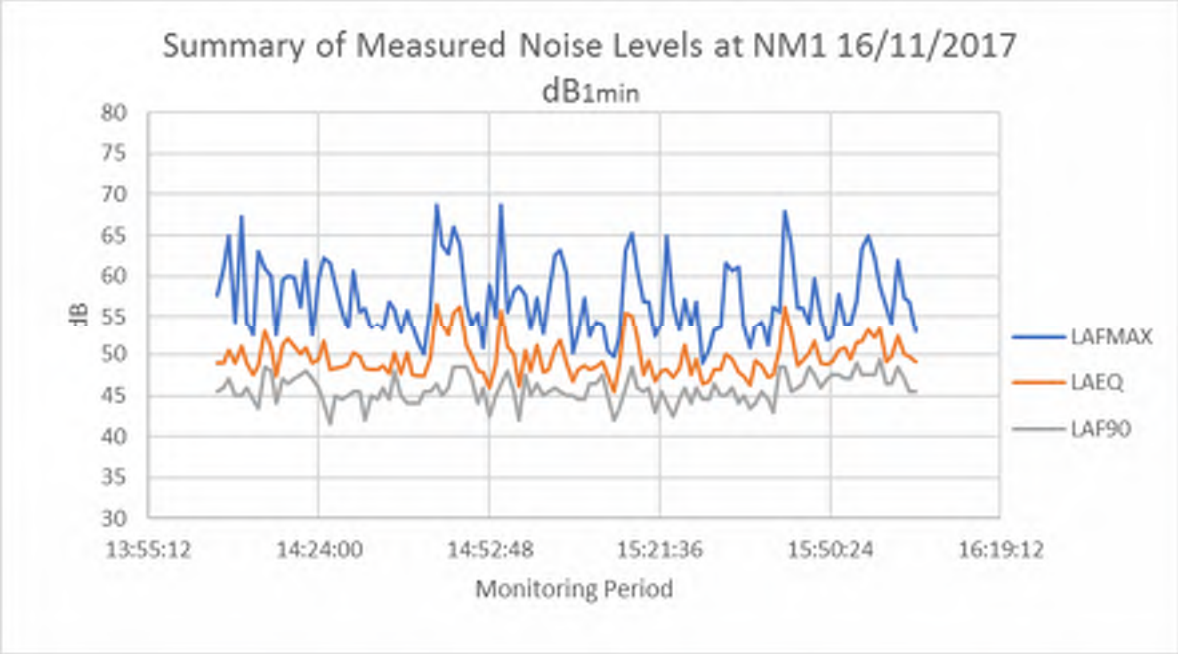
	High	Low	Average
Temperature	**10.8** °C	**3.2** °C	**7** °C
Dew Point	**2.5** °C	**-0.3** °C	**0.9** °C
Humidity	**84%**	**50%**	**68%**
Precipitation	**0** mm	--	--

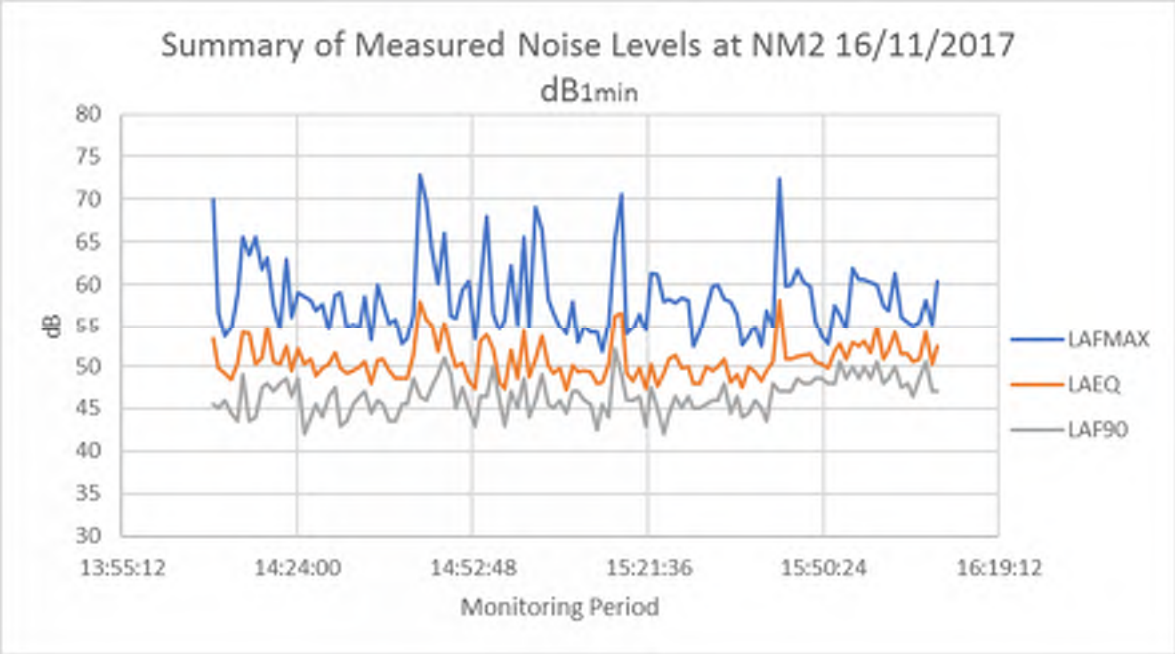
	High	Low	Average
Wind Speed	**5** km/h	--	**0** km/h
Wind Gust	**0** km/h	--	--
Wind Direction	--	--	**NW**
Pressure	**1030** hPa	**1027** hPa	--

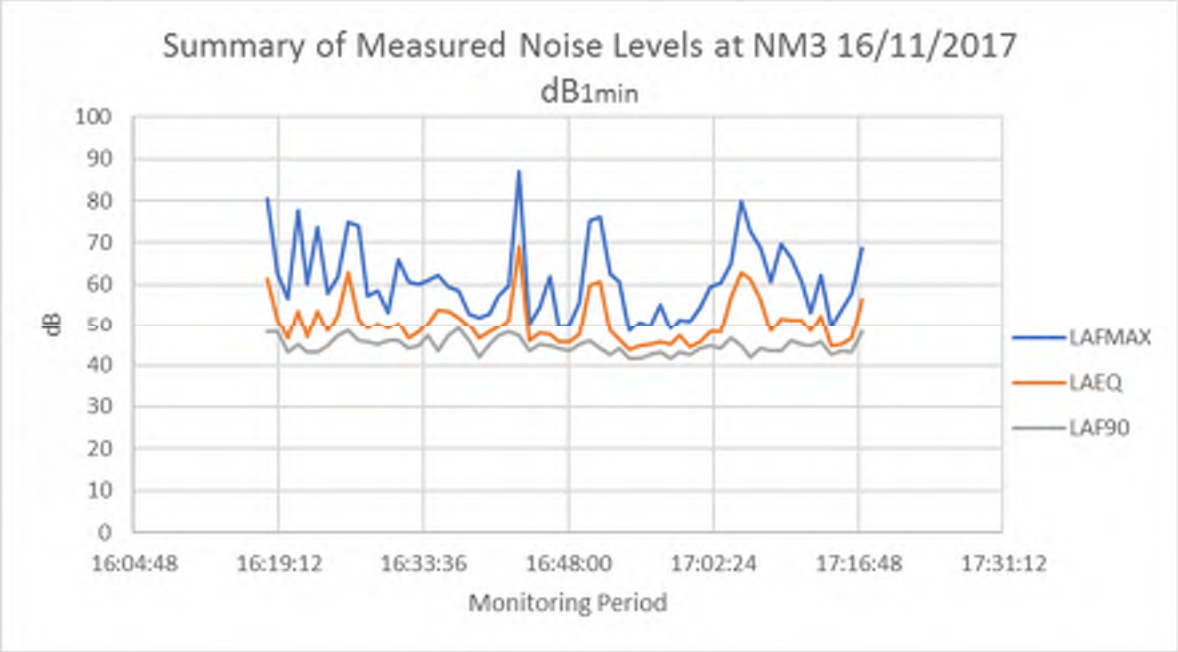


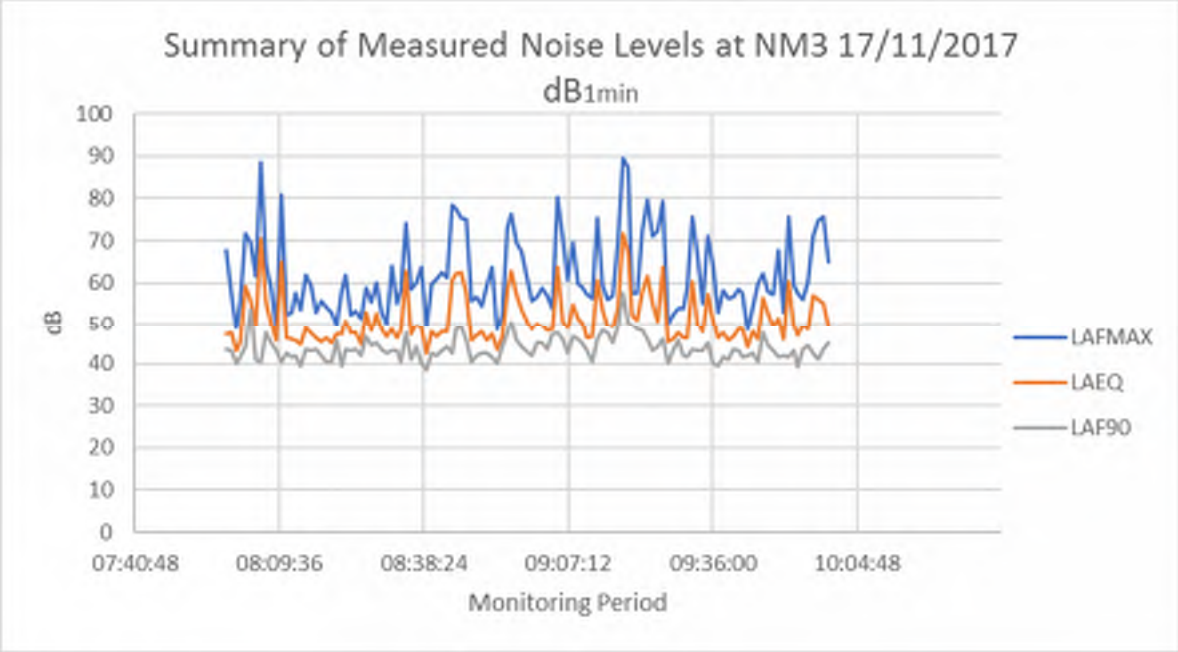

1.00
0.50
0.00
Precip. Accum. Total (mm)
Precip. Rate (mm)
1031.00
1030.00
1029.00
1028.00
1027.00
1026.00
Pressure (hPa)
15
UV Index
3AM
6AM
9AM
12PM
3PM
6PM
9PM

APPENDIX 3 ▪ Time History Graphs


Summary of Measured Noise Levels at NM1 16/11/2017
dB1min
80
75
70
65
60
55
50
45
40
35
30
dB
13:55:12
14:24:00
14:52:48
15:21:36
15:50:24
16:19:12
Monitoring Period
LAFMAX
LAEQ
LAF90


Summary of Measured Noise Levels at NM2 16/11/2017
dB1min
80
75
70
65
60
55
50
45
40
35
30
dB
13:55:12
14:24:00
14:52:48
15:21:36
15:50:24
16:19:12
Monitoring Period
LAFMAX
LAEQ
LAF90


Summary of Measured Noise Levels at NM3 16/11/2017
dB1min
100
90
80
70
60
50
40
30
20
10
0
dB
16:04:48
16:19:12
16:33:36
16:48:00
17:02:24
17:16:48
17:31:12
Monitoring Period
LAFMAX
LAEQ
LAF90


Summary of Measured Noise Levels at NM3 17/11/2017
dB1min
100
90
80
70
60
50
40
30
20
10
0
dB
07:40:48
08:09:36
08:38:24
09:07:12
09:36:00
10:04:48
Monitoring Period
LAFMAX
LAEQ
LAF90

APPENDIX 4 ▪ Photographic Record

Plate 1: NM1 Location (View to the north west from the centre of the site)

Plate 2: NM2 Location (View to the south west)

Plate 3: NM3 Location (View to the south east)

Plate 4: Camden Mews (View north east)

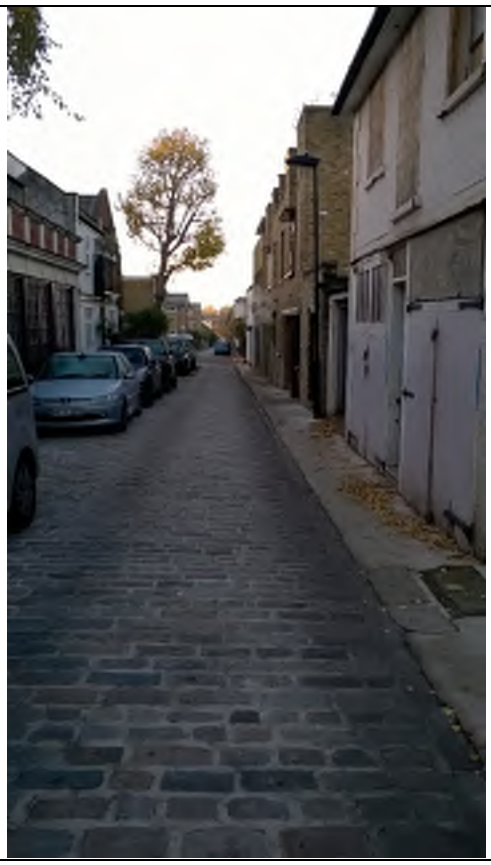


Plate 5: Camden Mews (View south west)

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