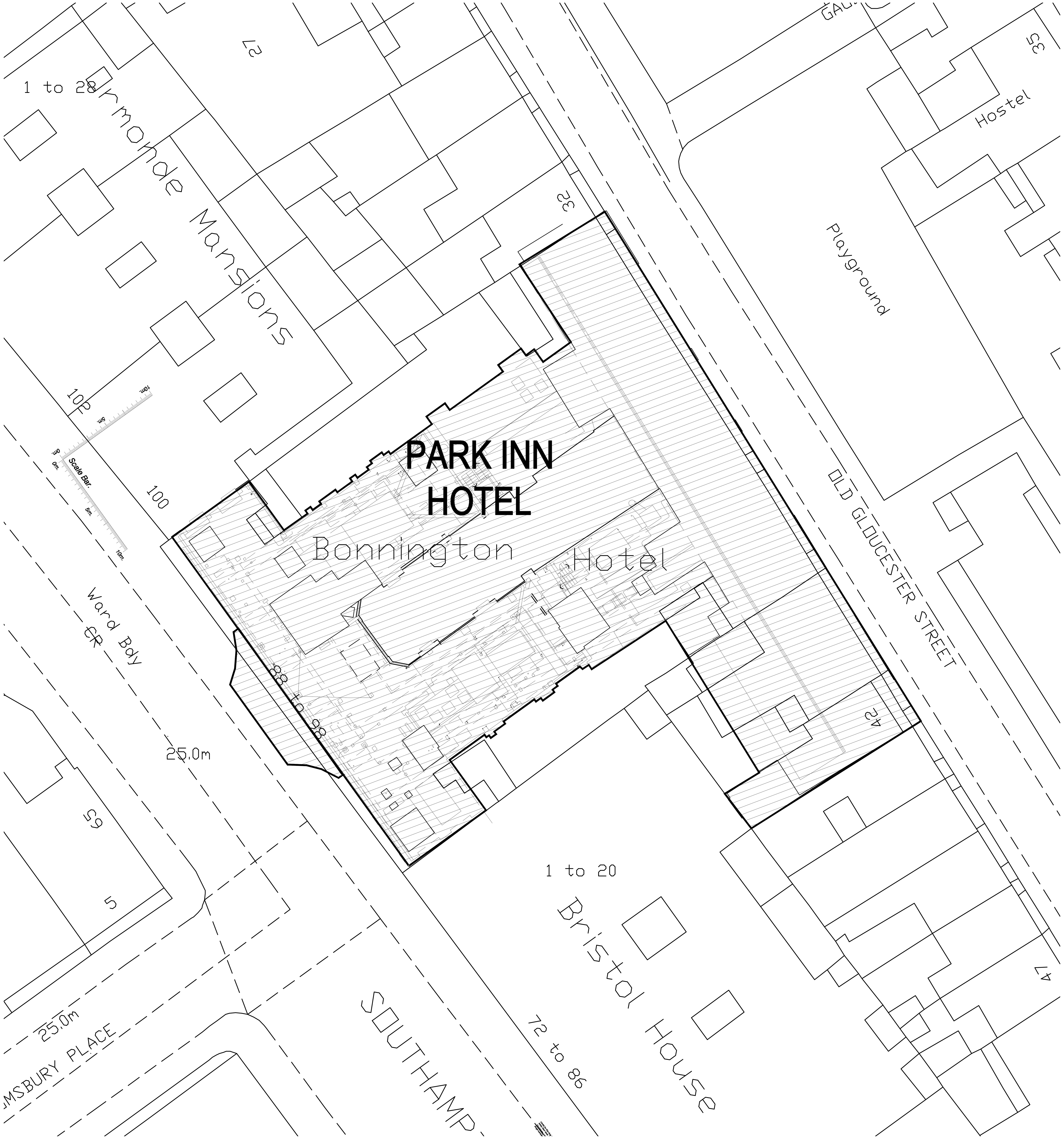

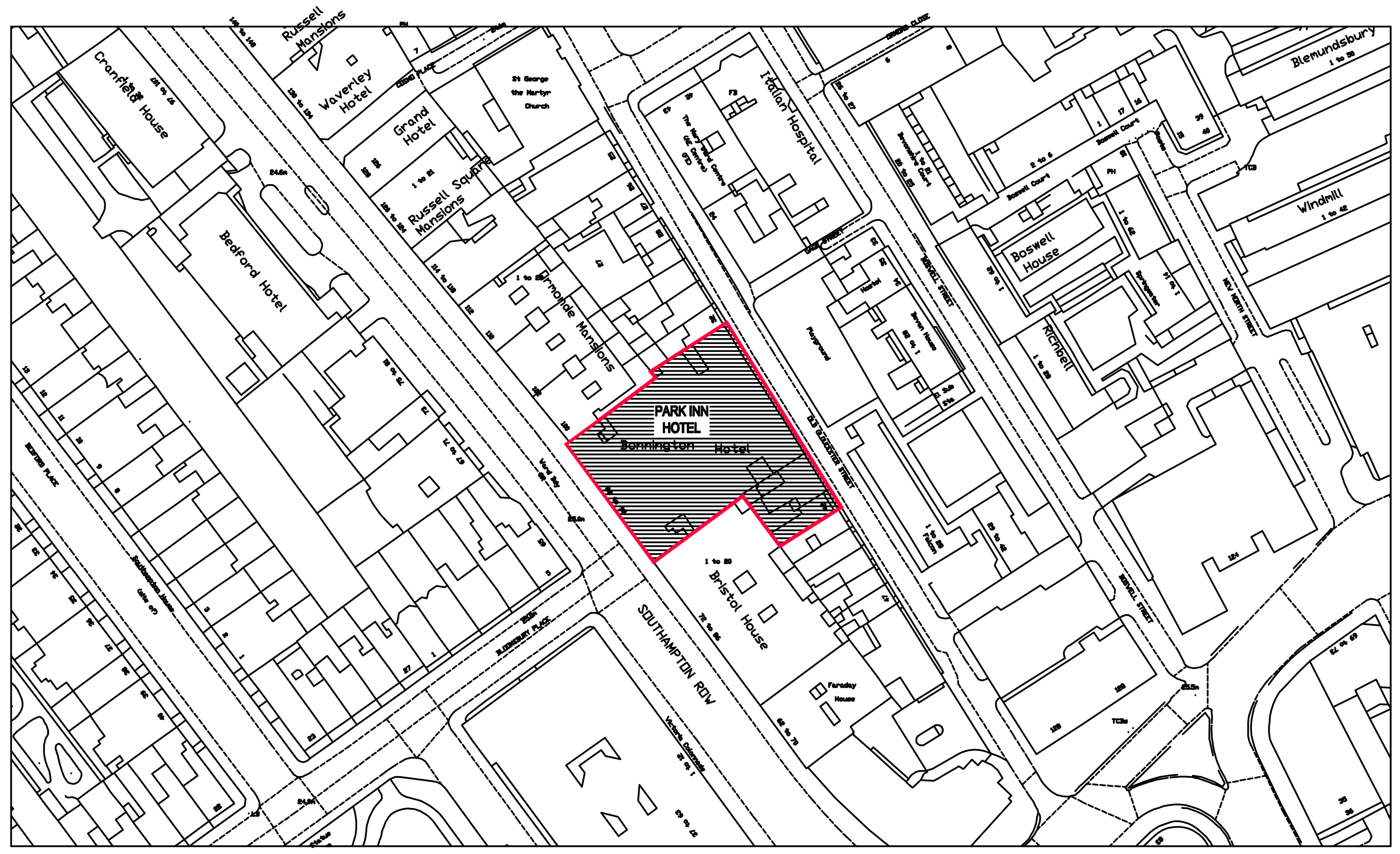

NOTES:
This drawing is copyright.
Contractor to check all dimensions, working only from grid and figured dimensions and cross check with all other relevant drawings.
Any discrepancies to be reported to the Architect prior to construction.

ISO 9001 Registered Firm

REV: A	BY: ALP	CFI ☒	DATE: 20.04.10
BLOCK PLAN ADDED. LOCATION PLAN SCALE AMENDED TO 1:1250			

MORRISON DESIGN
CHARTERED ARCHITECTS

St Alkmunds House, 103 Belper Road, Derby DE1 3ES
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Job Title
Park Inn Hotel
92 Southampton Row
London WC1B 4BH

Drawing Title
Location Plan and Block Plan
As Existing

File Ref.:
Plotter Settings:

Scale: 1:1250/ 1:200@ A1 Drawn: ks CFI ☒ Date: Jan'10

Job No.	Drawing No.	Revision
3829	100	A

CONABEARE ACOUSTICS

ACOUSTIC REPORT

Ref. No. CS 6764

Park Inn Hotel
92 Southampton Row
London WC1 4BH

28th April 2010

Prepared By:

John E Redknap MBA, MIOA, MCMI

Checked By:

David Whymark - Director

Client: **Vascroft Contractors Ltd**
Vascroft Estate
861 Coronation Road
Park Royal
London NW10 7PT

Conabeare Acoustics Limited
10 Chiltern Enterprise Centre, Station Road, Theale, Berkshire. RG7 4AA
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FORWARD

As part of the refurbishment of the Park Inn Hotel new external air conditioning plant is to be located on the different roof levels of the property and Conabeare Acoustics Limited have been commissioned to undertake an Environmental Sound Survey at the site.

The results of the survey will establish the Background Sound Level to enable checks to be made on the likely impact that noise from the plant will have on that level.

SUMMARY

The survey included two positions on the roof, the North Western end and the South Eastern end and was conducted over a four day period that included a weekend.

The lowest measured Background Sound Levels $L_{A90.15MIN}$ were as follows:

North Western End - $L_{A90\text{-}15min}$ 48.2dB(A) between 00:00 hours to 07:00 hours (Night Time)

South Eastern End - $L_{A90\text{-}15min}$ 49.5dB(A) between 00:00 hours to 07:00 hours (Night Time)

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1. Author

John E Redknap MBA, MIOA, MCMI

The author has been practising in noise control engineering since 1985. He has gained a wide range of experience over this period and is employed as a Sales Engineer for **Conabeare Acoustics Ltd.**

2. Client

The survey and report has been undertaken on behalf of:

Vascroft Contractors Ltd
Vascroft Estate
861 Coronation Road
Park Royal
London NW10 7PT

3. Introduction

As part of the refurbishment of the Park Inn Hotel new mechanical plant is to be located on the 7th, 5th and 1st floor levels of the property and Conabeare Acoustics Limited have been commissioned to undertake an Environmental Sound Survey at the site.

The results of the Environmental Sound Survey have been used as a datum so that acoustic calculations can be undertaken to determine the likely impact of the proposed new plant on the nearest sound sensitive location(s).

4. Noise Principles

The Environmental Sound Survey has been carried out in accordance with the principles of BS7445-1 (2003) to establish the existing Background Sound Levels. The Background Sound Level measured is in terms of A-weighted sound pressure level L_{A90} with a time interval of 15 minutes.

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5. The Site

The Park Inn Hotel is located at 92 Southampton Row, London WC1. This area of Bloomsbury contains a combination of residential and commercial properties. The general ambient noise level in the area is dominated by traffic noise from the very busy Southampton Row.

6. Measurement Methodology

A SVAN 949 (Precision) Environmental Sound Level Analyser, fitted with an Electret Microphone was set up on a tripod at the North Western end of the roof. This equipment was set up from 09:26 hours on Friday 19th February 2010, until 09:26 hours on Tuesday 23rd February 2010.

A CEL 490 (Precision) Environmental Sound Level Analyser, fitted with an Electret Microphone was set up on a tripod at the South Eastern end of the roof. This equipment was set up from 09:39 hours on Friday 19th February 2010, until 04:24 hours on Tuesday 23rd February 2010.

.

The Analysers were programmed to produce the following indices:

$L_{AEQ-15min}$, $L_{A90-15min}$, $L_{A10-15min}$

Attached for your reference is a Glossary of these terms.

Each analyser was checked for calibration before the survey commenced and at the end of survey with a CEL 284/2 Class 1 calibrator with no measurable deviation.

The weather over the survey period was a combination of dry and wet weather.

Having reviewed the results of our survey, it is our opinion that the weather experienced over the survey period has not had any detrimental effect on the recorded readings and therefore on our recommendations**.**

7. Planning Noise Requirements

It is understood that the current policy of London Borough of Camden is that any noise from new mechanical plant should be at least 5dBA below the Background Sound level (L_{A90}) measured at 1 metre from the nearest effected residential property. Allowance should also be made for any tonal noise emanating from the proposed units.

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8. Assessment

The objective of any specification limiting sound should be to ensure that sound emissions from the proposed plant should not materially add to the existing ambient noise climate when measured 1m from the nearest effected property window.

As stated, it is understood that any noise from new mechanical plant should be at least 5dBA below the Background Sound level (L_{A90}) with the proviso that any sound produced by this plant must be quite free of any audibly evident, tonality or similar characteristics.

The survey included two positions on the roof, the North Western end and the South Eastern end and was conducted over a four day period that included a weekend.

The lowest measured Background Sound Levels $L_{A90.15MIN}$ at the North Western end of the roof were as follows:

$L_{A90-15min}$ 51.7dB(A) between 07:00 hours to 19:00 hours (Day Time)
$L_{A90-15min}$ 49.6dB(A) between 19:00 hours to 00:00 hours (Evening)
$L_{A90-15min}$ 48.2dB(A) between 00:00 hours to 07:00 hours (Night Time)

The lowest measured Background Sound Levels $L_{A90.15MIN}$ at the South Eastern end of the roof were as follows:

$L_{A90-15min}$ 54.5dB(A) between 07:00 hours to 19:00 hours (Day Time)
$L_{A90-15min}$ 52.5dB(A) between 19:00 hours to 00:00 hours (Evening)
$L_{A90-15min}$ 49.5dB(A) between 00:00 hours to 07:00 hours (Night Time)

It is considered that these levels are representative of the levels at the nearby residential properties.

In order to comply with the current design policy of council planners in this area, noise produced by mechanical plant should be at least 5dB(A) below the background sound level at the nearest sound sensitive window.

We have been advised that for the purposes of this report we are to consider that some of the air conditioning plant has the opportunity to operate over a 24hour period. Therefore the design criteria for the noise from the new mechanical plant should be 43dB(A) - ie. 48.2dB(A) - 5dB(A).

The design criteria should be achieved with all plant operating normally, any plant exhibiting characteristics which are tonal or intermittent in nature should be designed to criteria 5dB(A) more stringent than those indicated above.

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From the frequency analysis the plant does not appear to exhibit any distinct tonal characteristics, therefore we feel the additional 5dB(A) penalty is not applicable for this feature.

Allowances should be made for the additional effect of multiple noise sources – see our calculation sheet.

The new plant we have been asked to consider for this report is located on three different roof levels of the property as indicated on the attached location plan. This plan also indicates where the new plant is replacing existing plant. Due to the various plant locations we have needed to consider a number of "nearest noise sensitive windows" in the adjacent properties. These are termed Assessment Locations 'A' 'B' 'C1' and 'C2' and each one is marked on our location plan accordingly.

Assessment Location A

The nearest residential window to the North West of the site is considered to be the top floor windows of the adjacent property. On the attached "calculation sheet one" this is referenced as Assessment Location A.

The centre of the nearest noise sensitive window is estimated to range between 11m and 15m from the various new plant locations (AHU's 6 & 7, two DX Condensers and three VRV Condensers). Our calculation sheet for this location illustrates that at 1 metre from the façade the Specific Sound Level would be 42dB(A). This figure is just below the proposed 24hour design target of 43dB(A) and in our opinion therefore meets the planning requirements of the local authority.

Assessment Location B

The nearest residential window to the rear of the site – towards the North - is considered to be the top floor windows of the adjacent property. On the attached "calculation sheet two" this is referenced as Assessment Location B.

The centre of the nearest window is estimated to range between 11m and 13m from the various new plant locations (AHU 5 and one VRV Condenser). Our calculation sheet for this location illustrates that at 1 metre from the façade the Specific Sound Level would be 42dB(A). This figure is just below the proposed 24hour design target of 43dB(A) and in our opinion therefore meets the planning requirements of the local authority.

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Assessment Location C1

The nearest residential window to the South East of the site is considered to be the top floor windows of the adjacent property. On the attached "calculation sheet three" this is referenced as Assessment Location C1.

The centre of the nearest noise sensitive window is estimated to range between 9m and 11m from the various new plant locations (AHU's 8 & 3 and four DX Condensers). Our calculation sheet for this location illustrates that at 1 metre from the façade the Specific Sound Level would be 31dB(A). This figure is below the proposed 24hour design target of 43dB(A) and in our opinion therefore meets the planning requirements of the local authority.

Assessment Location C2

The nearest residential window to the South East of the site is considered to be the windows of the adjacent property on the same level as the first floor plant. On the attached "calculation sheet four" this is referenced as Assessment Location C2.

The centre of the nearest noise sensitive window is estimated to range between 3.9m and 5.1m from the various new plant locations (four VRV Condensers). Our calculation sheet for this location illustrates that at 1 metre from the façade the Specific Sound Level would be 43dB(A). This figure matches the proposed 24hour design target of 43dB(A) and in our opinion therefore meets the planning requirements of the local authority.

At all locations the calculated Specific Sound Level meets the set criteria and in our opinion should be acceptable to the local authority for this area. However, all design targets should as a matter of course should be verified with the local Environmental Health or Planning Departments.

9. Sound Level Measurements

The statistical readings obtained during the survey are attached to this report and are presented in both graphical and tabular form.

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10. Glossary of Terms

L_{A90}	The sound pressure level in dB(A) which is exceeded for 90% of the time and is taken to be the effective lowest background sound level for the period by such methods of sound rating as that recommended in British Standard 4142. It will also be used as a basis for selecting limiting sound levels from new plant by Local Planning Authorities when setting Planning Consent Conditions.
L_{eq}	The "equivalent continuous sound level" for the measuring period, defined as the level in dB(A) which, if held constant over the measuring period, would produce the same amount of sound energy as does the actual varying ambient sound level. It is a measure of the amount of sound energy affecting the site from sources other than new plant or operations.
L_{A10}	The sound level exceeded for 10% of the time over the sample period. Originally used as a measure of subjective reaction to traffic noise in particular, it can also be taken as an indication of the practical maximum sound level that the building envelope will have to protect against.
dB(A)	Describes measured on a sound level meter incorporating a frequency weighting (A weighting) which differentiates between sounds of different frequency (pitch) in a similar way to the human ear. Measurements in dB(A) broadly agree with people's assessment of loudness. A change of 3dB(A) is the minimum perceptible under normal conditions, and a change of 10dB(A) corresponds roughly to halving or doubling the loudness of a sound.

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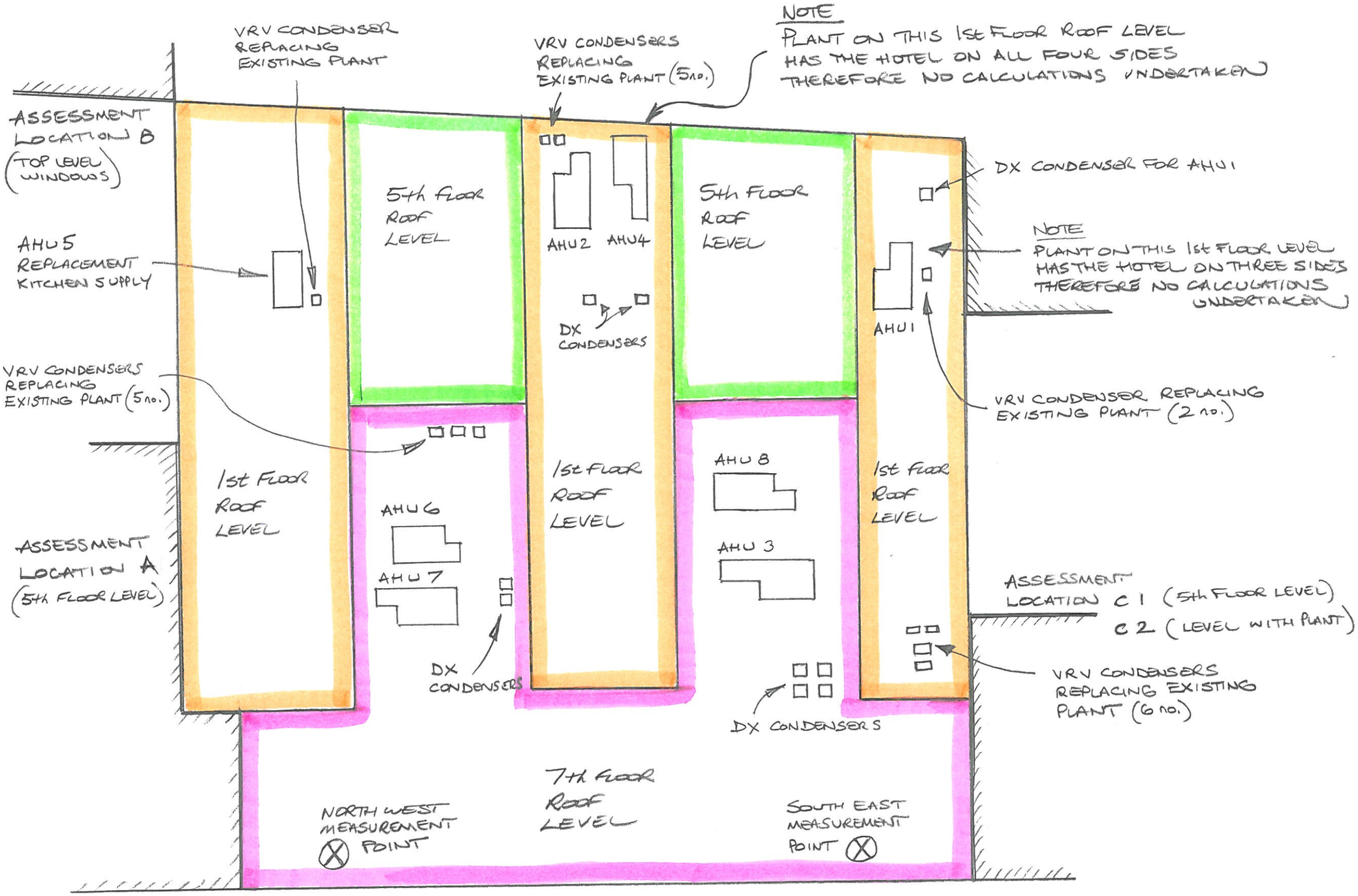


LOCATION PLAN

PARK INN HOTEL
92 SOUTHAMPTON ROW
LONDON
WC1 4BH

CONABEARE ACOUSTICS LTD CALCULATION SHEET - ONE

CLIENT: **Vascroft**	PROJECT: **Park Inn Hotel**								
	DATE: **28th April 2010**								
Assessment Location A	Conabeare Acoustics ref: **CS6764**								
	Octave Band Centre Frequency (Hz)								
Description	**63**	**125**	**250**	**500**	**1K**	**2K**	**4K**	**8K**	**db(A)**
VES AHU No. 6 TYPE MAX/E/3.4-W/SE/S **SWL**	84	83	80	78	77	75	71	67	
S.I.L. KSD64 ATTENUATOR 600mm Long	-5	-8	-14	-22	-28	-26	-18	-17	
ESTIMATED DISTANCE 11m	-31	-31	-31	-31	-31	-31	-31	-31	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ACOUSTIC SCREENING VIA BLDG.	-5	-6	-6	-6	-6	-7	-8	-9	
A. SPECIFIC NOISE LEVEL	**46**	**41**	**32**	**22**	**15**	**14**	**17**	**13**	**29**
VES AHU No. 7 TYPE MAX/E/3.4-W/SE/S **SWL**	83	82	79	77	76	74	70	66	
S.I.L. KSD64 ATTENUATOR 600mm Long	-5	-8	-14	-22	-28	-26	-18	-17	
ESTIMATED DISTANCE 11m	-31	-31	-31	-31	-31	-31	-31	-31	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ACOUSTIC SCREENING VIA BLDG.	-5	-6	-6	-6	-6	-7	-8	-9	
B. SPECIFIC NOISE LEVEL	**45**	**40**	**31**	**21**	**14**	**13**	**16**	**12**	**28**
VES DX Condenser REMQ8P9 & REMQ10P9									
Only Combined Single Figure Available **SWL**					81				
ESTIMATED DISTANCE 15m					-34				
ADDITIONAL REFLECTIVE SURFACES One					3				
ADDITIONAL UNITS OPERATING One					3				
ACOUSTIC SCREENING VIA BLDG.					-12				
C. SPECIFIC NOISE LEVEL					**41**				
Daikin REYQ8P9 SPL@1m	60	62	61	56	51	45	43	37	
ESTIMATED DISTANCE 13m	-22	-22	-22	-22	-22	-22	-22	-22	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ADDITIONAL UNITS OPERATING Two	5	5	5	5	5	5	5	5	
ACOUSTIC SCREENING VIA BLDG.	-7	-8	-9	-10	-12	-15	-17	-20	
D. SPECIFIC NOISE LEVEL	**39**	**40**	**38**	**32**	**25**	**16**	**12**	**3**	**34**

DESIGN TARGET = 43 dB(A)

ACCUMULATIVE SPECIFIC NOISE LEVEL A + B + C + D = 42 dB(A)

Notes

Calculations are to the nearest residential windows in the adjacent property towards the North West

Operating hours - 24 Hours

CONABEARE ACOUSTICS LTD CALCULATION SHEET - TWO

CLIENT: **Vascroft**	PROJECT: **Park Inn Hotel**								
	DATE: **28th April 2010**								
Assessment Location B	Conabeare Acoustics ref: **CS6764**								
	Octave Band Centre Frequency (Hz)								
Description	**63**	**125**	**250**	**500**	**1K**	**2K**	**4K**	**8K**	**db(A)**
VES AHU No. 5 TYPE MAX/E/6-W/S **SWL**	87	86	83	81	80	78	74	70	
S.I.L. KSD64 ATTENUATOR 600mm Long	-5	-8	-14	-22	-28	-26	-18	-17	
ESTIMATED DISTANCE 11m	-31	-31	-31	-31	-31	-31	-31	-31	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ACOUSTIC SCREENING VIA BLDG. None	0	0	0	0	0	0	0	0	
A. SPECIFIC NOISE LEVEL	**54**	**50**	**41**	**31**	**24**	**24**	**28**	**25**	**39**
Daikin REYQ16P8 SPL@1m	67	64	63	60	59	54	46	44	
ESTIMATED DISTANCE 13m	-22	-22	-22	-22	-22	-22	-22	-22	
ADDITIONAL REFLECTIVE SURFACES None	0	0	0	0	0	0	0	0	
ADDITIONAL UNITS OPERATING None	0	0	0	0	0	0	0	0	
PARTIAL ACOUSTIC SCREENING via AHU5	-2	-2	-2	-2	-2	-2	-2	-2	
B. SPECIFIC NOISE LEVEL	**43**	**40**	**39**	**36**	**35**	**30**	**22**	**20**	**39**

DESIGN TARGET = 43 dB(A)

ACCUMULATIVE SPECIFIC NOISE LEVEL A + B = 42 dB(A)

Notes

Calculations are to the nearest residential windows in the adjacent property towards the North West

Operating hours - 24 Hours

CONABEARE ACOUSTICS LTD CALCULATION SHEET - THREE

CLIENT: **Vascroft**	PROJECT: **Park Inn Hotel**								
	DATE: **28th April 2010**								
Assessment Location C1	Conabeare Acoustics ref: **CS6764**								
	Octave Band Centre Frequency (Hz)								
Description	**63**	**125**	**250**	**500**	**1K**	**2K**	**4K**	**8K**	**db(A)**
VES AHU No. 8 TYPE MAX/E/2-W/SE/S **SWL**	81	80	77	75	74	72	68	64	
S.I.L. KSD64 ATTENUATOR 600mm Long	-5	-8	-14	-22	-28	-26	-18	-17	
ESTIMATED DISTANCE 11m	-31	-31	-31	-31	-31	-31	-31	-31	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ACOUSTIC SCREENING VIA BLDG.	-10	-12	-14	-17	-20	-23	-25	-25	
A. SPECIFIC NOISE LEVEL	**38**	**32**	**21**	**8**	**-2**	**-5**	**-3**	**-6**	**19**
VES AHU No. 3 TYPE MAX/E/3.4-W/SE/S **SWL**	81	80	77	75	74	72	68	64	
S.I.L. KSD64 ATTENUATOR 600mm Long	-5	-8	-14	-22	-28	-26	-18	-17	
ESTIMATED DISTANCE 11m	-31	-31	-31	-31	-31	-31	-31	-31	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ACOUSTIC SCREENING VIA BLDG.	-10	-12	-14	-17	-20	-23	-25	-25	
B. SPECIFIC NOISE LEVEL	**38**	**32**	**21**	**8**	**-2**	**-5**	**-3**	**-6**	**19**
VES DX Condenser ICC200-3/C/RR410A **SPL@1m**	55	64	60	56	49	44	37	30	
ESTIMATED ADDITIONAL DISTANCE 1m to 9m	-20	-20	-20	-20	-20	-20	-20	-20	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ADDITIONAL UNITS OPERATING One	3	3	3	3	3	3	3	3	
ACOUSTIC SCREENING VIA BLDG.	-9	-10	-12	-14	-17	-20	-23	-25	
C. SPECIFIC NOISE LEVEL	**32**	**40**	**34**	**28**	**18**	**10**	**0**	**-9**	**30**
VES DX Condenser ICC071-1/P/R410A **SPL@1m**	44	52	46	46	43	34	30	24	
ESTIMATED ADDITIONAL DISTANCE 1m to 9m	-20	-20	-20	-20	-20	-20	-20	-20	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ADDITIONAL UNITS OPERATING One	3	3	3	3	3	3	3	3	
ACOUSTIC SCREENING VIA BLDG.	-9	-10	-12	-14	-17	-20	-23	-25	
D. SPECIFIC NOISE LEVEL	**21**	**28**	**20**	**18**	**12**	**0**	**-7**	**-15**	**19**

DESIGN TARGET = 43 dB(A)

ACCUMULATIVE SPECIFIC NOISE LEVEL A + B + C + D = 31 dB(A)

Notes

Calculations are to the nearest residential windows in the adjacent property towards the South East

Operating hours - 24 Hours

CONABEARE ACOUSTICS LTD CALCULATION SHEET - FOUR

CLIENT: **Vascroft**	PROJECT: **Park Inn Hotel**								
	DATE: **28th April 2010**								
Assessment Location C2	Conabeare Acoustics ref: **CS6764**								
	Octave Band Centre Frequency (Hz)								
Description	**63**	**125**	**250**	**500**	**1K**	**2K**	**4K**	**8K**	**db(A)**
Daikin RZQ71DV1 Condenser **SPL@1m**	51	49	50	47	46	40	36	30	
ESTIMATED ADDITIONAL DISTANCE 1m to 3.9m	-13	-13	-13	-13	-13	-13	-13	-13	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ADDITIONAL UNITS OPERATING One	3	3	3	3	3	3	3	3	
ACOUSTIC SCREENING VIA BLDG.	-5	-5	-5	-5	-5	-5	-6	-6	
A. SPECIFIC NOISE LEVEL	**39**	**37**	**38**	**35**	**34**	**28**	**23**	**17**	**38**
Daikin REYQ16P8 Condenser **SPL@1m**	67	64	63	60	59	54	46	44	
ESTIMATED ADDITIONAL DISTANCE 1m to 4.4m	-14	-14	-14	-14	-14	-14	-14	-14	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ADDITIONAL UNITS OPERATING None	0	0	0	0	0	0	0	0	
ACOUSTIC SCREENING VIA BLDG.	-6	-7	-9	-10	-12	-14	-16	-18	
B. SPECIFIC NOISE LEVEL	**50**	**46**	**43**	**39**	**36**	**29**	**19**	**15**	**41**
Daikin REYQ12P9 Condenser **SPL@1m**	63	64	60	57	55	51	45	43	
ESTIMATED ADDITIONAL DISTANCE 1m to 5.1m	-15	-15	-15	-15	-15	-15	-15	-15	
ADDITIONAL REFLECTIVE SURFACES One	3	3	3	3	3	3	3	3	
ADDITIONAL UNITS OPERATING None	0	0	0	0	0	0	0	0	
ACOUSTIC SCREENING VIA BLDG.	-8	-9	-12	-13	-15	-17	-20	-20	
C. SPECIFIC NOISE LEVEL	**43**	**43**	**36**	**32**	**28**	**22**	**13**	**11**	**34**

DESIGN TARGET = 43 dB(A)

ACCUMULATIVE SPECIFIC NOISE LEVEL A + B + C = 43 dB(A)

Notes

Calculations are to the nearest residential windows in the adjacent property towards the South East

Operating hours - 24 Hours

Header information for the file[1] @CAL1935:

Device type ..... SVAN 949
Serial No. 8572
Internal software version ... 5.13
File system version 5.12

Original file name ..... @CAL1935
Measurement hour ..... 09:26'20
Measurement day 19/02/10
Device function ..... OCTAVE 1/1

Title text:

Input ..... Microphone
Mic. polarization ..... 0 V
Mic. field correction ..... FREE
Mic. outdoor filter ..... ON
Compensation filter ..... OFF
Measurement range ..... 105 dB
Leq integration ..... Linear
Trig. mode ..... OFF
Start delay ..... 1 s
Integration time def. ..... 15 m
Repetition cycle ..... Infinity
Number of spectra 1
Octave 1/1 lines ..... 15+3
Octave 1/1 filter ..... Lin
Octave 1/1 in buffer ..... OFF
Number of histograms ..... 3+18
Calibration type ..... Measurement
Calibration time ..... 09:21'13
Calibration date 19/02/10
Rotation measurement ..... OFF

Profile: #1

Weighting filter ..... A
Detector type ..... Fast
Buffer contents definition .. None
Calibration factor ..... 3.3 dB

Main results:

File	Date	Start	Filter	Detect	Time	units	Leq (A)	L1 dB(A)	L10 dB(A)	L90 dB(A)
@CAL1935	19/02/10	09:26'20	A	Fast	00:15'00	dB	57.8	62.7	59.4	55.2
@CAL1936	19/02/10	09:41'20	A	Fast	00:15'00	dB	58.1	66.2	59.7	54.7
@CAL1937	19/02/10	09:56'20	A	Fast	00:15'00	dB	57.8	62.6	59.8	55.2
@CAL1938	19/02/10	10:11'20	A	Fast	00:15'00	dB	56.5	60.7	58.0	54.2
@CAL1939	19/02/10	10:26'20	A	Fast	00:15'00	dB	57.7	64.4	60.1	54.5
@CAL1940	19/02/10	10:41'20	A	Fast	00:15'00	dB	56.8	62.5	58.6	54.1
@CAL1941	19/02/10	10:56'20	A	Fast	00:15'00	dB	57.1	63.3	58.8	54.2
@CAL1942	19/02/10	11:11'20	A	Fast	00:15'00	dB	63.3	78.9	59.0	54.5
@CAL1943	19/02/10	11:26'20	A	Fast	00:15'00	dB	61.9	74.3	60.5	54.3
@CAL1944	19/02/10	11:41'20	A	Fast	00:15'00	dB	63.1	76.1	61.4	55.0
@CAL1945	19/02/10	11:56'20	A	Fast	00:15'00	dB	58.8	69.3	60.2	53.9
@CAL1946	19/02/10	12:11'20	A	Fast	00:15'00	dB	58.2	66.4	60.3	54.3
@CAL1947	19/02/10	12:26'20	A	Fast	00:15'00	dB	56.6	61.0	58.6	54.1
@CAL1948	19/02/10	12:41'20	A	Fast	00:15'00	dB	59.7	71.5	60.3	54.5
@CAL1949	19/02/10	12:56'20	A	Fast	00:15'00	dB	57.1	62.8	59.0	54.2
@CAL1950	19/02/10	13:11'20	A	Fast	00:15'00	dB	59.2	69.6	60.5	54.3
@CAL1951	19/02/10	13:26'20	A	Fast	00:15'00	dB	58.5	66.8	60.2	55.0
@CAL1952	19/02/10	13:41'20	A	Fast	00:15'00	dB	58.3	69.3	59.2	54.2
@CAL1953	19/02/10	13:56'20	A	Fast	00:15'00	dB	60.7	74.2	60.6	54.4
@CAL1954	19/02/10	14:11'20	A	Fast	00:15'00	dB	57.3	62.9	59.6	54.1
@CAL1955	19/02/10	14:26'20	A	Fast	00:15'00	dB	59.9	70.7	61.1	54.2
@CAL1956	19/02/10	14:41'20	A	Fast	00:15'00	dB	58.3	70.0	58.6	53.8
@CAL1957	19/02/10	14:56'20	A	Fast	00:15'00	dB	56.2	60.4	57.8	54.0
@CAL1958	19/02/10	15:11'20	A	Fast	00:15'00	dB	59.3	71.4	60.3	53.4
@CAL1959	19/02/10	15:26'20	A	Fast	00:15'00	dB	57.2	63.0	59.5	53.9
@CAL1960	19/02/10	15:41'20	A	Fast	00:15'00	dB	56.5	61.1	58.4	54.1
@CAL1961	19/02/10	15:56'20	A	Fast	00:15'00	dB	57.0	65.0	58.7	53.7
@CAL1962	19/02/10	16:11'20	A	Fast	00:15'00	dB	56.3	62.5	57.9	53.3
@CAL1963	19/02/10	16:26'20	A	Fast	00:15'00	dB	59.8	71.7	60.7	53.4
@CAL1964	19/02/10	16:41'20	A	Fast	00:15'00	dB	57.0	64.6	58.8	53.7
@CAL1965	19/02/10	16:56'20	A	Fast	00:15'00	dB	60.6	73.9	59.8	53.4
@CAL1966	19/02/10	17:11'20	A	Fast	00:15'00	dB	57.3	64.8	59.6	53.8
@CAL1967	19/02/10	17:26'20	A	Fast	00:15'00	dB	61.8	75.7	60.4	53.6
@CAL1968	19/02/10	17:41'20	A	Fast	00:15'00	dB	56.2	61.2	58.1	53.6
@CAL1969	19/02/10	17:56'20	A	Fast	00:15'00	dB	56.4	61.7	58.1	54.0
@CAL1970	19/02/10	18:11'20	A	Fast	00:15'00	dB	55.8	60.0	57.2	53.8
@CAL1971	19/02/10	18:26'20	A	Fast	00:15'00	dB	61.0	73.5	60.1	54.2
@CAL1972	19/02/10	18:41'20	A	Fast	00:15'00	dB	63.5	77.4	62.6	54.2
@CAL1973	19/02/10	18:56'20	A	Fast	00:15'00	dB	56.3	64.0	57.7	53.9
@CAL1974	19/02/10	19:11'20	A	Fast	00:15'00	dB	60.0	70.3	62.6	54.2
@CAL1975	19/02/10	19:26'20	A	Fast	00:15'00	dB	63.1	75.1	65.6	54.3
@CAL1976	19/02/10	19:41'20	A	Fast	00:15'00	dB	64.0	77.7	63.0	54.5
@CAL1977	19/02/10	19:56'20	A	Fast	00:15'00	dB	55.8	59.4	57.6	54.0
@CAL1978	19/02/10	20:11'20	A	Fast	00:15'00	dB	58.9	70.7	59.4	53.4
@CAL1979	19/02/10	20:26'20	A	Fast	00:15'00	dB	57.4	66.5	58.6	53.7
@CAL1980	19/02/10	20:41'20	A	Fast	00:15'00	dB	61.0	73.2	63.2	53.3
@CAL1981	19/02/10	20:56'20	A	Fast	00:15'00	dB	55.6	61.2	57.2	53.1
@CAL1982	19/02/10	21:11'20	A	Fast	00:15'00	dB	57.0	64.2	58.9	53.6
@CAL1983	19/02/10	21:26'20	A	Fast	00:15'00	dB	55.8	60.4	57.7	53.1
@CAL1984	19/02/10	21:41'20	A	Fast	00:15'00	dB	57.8	67.2	58.7	53.5
@CAL1985	19/02/10	21:56'20	A	Fast	00:15'00	dB	58.7	69.4	59.1	53.1

Main_results:										
File	Date	Start	Filter	Detect	Time	units	Leq (A)	L1 dB(A)	L10 dB(A)	L90 dB(A)
@CAL1986	19/02/10	22:11'20	A	Fast	00:15'00	dB	56.9	64.7	58.8	53.3
@CAL1987	19/02/10	22:26'20	A	Fast	00:15'00	dB	56.5	60.7	58.3	54.1
@CAL1988	19/02/10	22:41'20	A	Fast	00:15'00	dB	56.7	64.4	57.9	53.8
@CAL1989	19/02/10	22:56'20	A	Fast	00:15'00	dB	55.6	59.1	57.4	53.1
@CAL1990	19/02/10	23:11'20	A	Fast	00:15'00	dB	55.5	59.6	57.3	53.1
@CAL1991	19/02/10	23:26'20	A	Fast	00:15'00	dB	56.6	66.6	57.7	52.9
@CAL1992	19/02/10	23:41'20	A	Fast	00:15'00	dB	55.9	61.6	57.6	53.4
@CAL1993	19/02/10	23:56'20	A	Fast	00:15'00	dB	56.0	61.0	57.9	53.3
@CAL1994	20/02/10	00:11'20	A	Fast	00:15'00	dB	56.2	65.0	57.4	52.6
@CAL1995	20/02/10	00:26'20	A	Fast	00:15'00	dB	63.5	78.0	58.3	53.3
@CAL1996	20/02/10	00:41'20	A	Fast	00:15'00	dB	62.0	75.3	59.2	52.3
@CAL1997	20/02/10	00:56'20	A	Fast	00:15'00	dB	54.7	58.9	56.4	52.2
@CAL1998	20/02/10	01:11'20	A	Fast	00:15'00	dB	54.2	58.9	55.9	51.7
@CAL1999	20/02/10	01:26'20	A	Fast	00:15'00	dB	54.7	59.8	56.5	51.7
@CAL2000	20/02/10	01:41'20	A	Fast	00:15'00	dB	54.1	57.9	55.8	51.8
@CAL2001	20/02/10	01:56'20	A	Fast	00:15'00	dB	54.0	58.1	55.7	51.3
@CAL2002	20/02/10	02:11'20	A	Fast	00:15'00	dB	54.4	63.2	55.8	51.0
@CAL2003	20/02/10	02:26'20	A	Fast	00:15'00	dB	54.5	63.6	55.8	51.2
@CAL2004	20/02/10	02:41'20	A	Fast	00:15'00	dB	59.0	72.2	57.8	50.5
@CAL2005	20/02/10	02:56'20	A	Fast	00:15'00	dB	53.8	58.2	55.6	51.4
@CAL2006	20/02/10	03:11'20	A	Fast	00:15'00	dB	56.1	62.8	56.7	50.9
@CAL2007	20/02/10	03:26'20	A	Fast	00:15'00	dB	53.7	57.9	56.0	50.8
@CAL2008	20/02/10	03:41'20	A	Fast	00:15'00	dB	52.9	57.0	54.8	50.2
@CAL2009	20/02/10	03:56'20	A	Fast	00:15'00	dB	52.9	57.0	54.9	50.0
@CAL2010	20/02/10	04:11'20	A	Fast	00:15'00	dB	53.3	57.9	55.5	50.5
@CAL2011	20/02/10	04:26'20	A	Fast	00:15'00	dB	53.6	58.0	55.4	50.5
@CAL2012	20/02/10	04:41'20	A	Fast	00:15'00	dB	52.6	57.3	54.7	50.0
@CAL2013	20/02/10	04:56'20	A	Fast	00:15'00	dB	53.2	59.5	55.4	50.0
@CAL2014	20/02/10	05:11'20	A	Fast	00:15'00	dB	52.6	57.5	54.8	49.9
@CAL2015	20/02/10	05:26'20	A	Fast	00:15'00	dB	54.0	60.0	56.3	50.6
@CAL2016	20/02/10	05:41'20	A	Fast	00:15'00	dB	53.6	58.4	55.6	50.9
@CAL2017	20/02/10	05:56'20	A	Fast	00:15'00	dB	54.2	60.3	56.1	51.2
@CAL2018	20/02/10	06:11'20	A	Fast	00:15'00	dB	55.3	60.3	57.6	52.2
@CAL2019	20/02/10	06:26'20	A	Fast	00:15'00	dB	55.1	62.5	57.5	51.0
@CAL2020	20/02/10	06:41'20	A	Fast	00:15'00	dB	55.6	61.1	57.9	52.2
@CAL2021	20/02/10	06:56'20	A	Fast	00:15'00	dB	59.6	72.0	60.5	51.8
@CAL2022	20/02/10	07:11'20	A	Fast	00:15'00	dB	55.8	61.7	58.0	52.3
@CAL2023	20/02/10	07:26'20	A	Fast	00:15'00	dB	55.6	61.4	58.1	52.2
@CAL2024	20/02/10	07:41'20	A	Fast	00:15'00	dB	57.4	61.3	57.9	52.5
@CAL2025	20/02/10	07:56'20	A	Fast	00:15'00	dB	56.2	61.3	58.3	53.2
@CAL2026	20/02/10	08:11'20	A	Fast	00:15'00	dB	56.4	61.6	58.7	53.4
@CAL2027	20/02/10	08:26'20	A	Fast	00:15'00	dB	62.2	76.3	59.5	53.1
@CAL2028	20/02/10	08:41'20	A	Fast	00:15'00	dB	56.5	61.3	58.7	53.7
@CAL2029	20/02/10	08:56'20	A	Fast	00:15'00	dB	55.9	61.0	57.9	52.9
@CAL2030	20/02/10	09:11'20	A	Fast	00:15'00	dB	57.1	63.6	59.7	53.3
@CAL2031	20/02/10	09:26'20	A	Fast	00:15'00	dB	56.0	60.6	57.9	53.1
@CAL2032	20/02/10	09:41'20	A	Fast	00:15'00	dB	55.8	59.8	57.9	53.2
@CAL2033	20/02/10	09:56'20	A	Fast	00:15'00	dB	55.7	60.5	57.7	52.6
@CAL2034	20/02/10	10:11'20	A	Fast	00:15'00	dB	56.7	62.1	58.8	53.8
@CAL2035	20/02/10	10:26'20	A	Fast	00:15'00	dB	57.0	63.9	59.2	53.2
@CAL2036	20/02/10	10:41'20	A	Fast	00:15'00	dB	56.5	61.8	58.4	53.6
@CAL2037	20/02/10	10:56'20	A	Fast	00:15'00	dB	55.6	60.1	57.3	53.0
@CAL2038	20/02/10	11:11'20	A	Fast	00:15'00	dB	56.5	63.6	58.8	52.7
@CAL2039	20/02/10	11:26'20	A	Fast	00:15'00	dB	56.0	62.7	57.8	52.7
@CAL2040	20/02/10	11:41'20	A	Fast	00:15'00	dB	55.8	62.2	57.8	52.5
@CAL2041	20/02/10	11:56'20	A	Fast	00:15'00	dB	58.4	70.9	58.4	52.8
@CAL2042	20/02/10	12:11'20	A	Fast	00:15'00	dB	56.7	63.4	59.0	53.0
@CAL2043	20/02/10	12:26'20	A	Fast	00:15'00	dB	57.3	65.0	58.9	53.1
@CAL2044	20/02/10	12:41'20	A	Fast	00:15'00	dB	59.5	72.2	58.9	52.6
@CAL2045	20/02/10	12:56'20	A	Fast	00:15'00	dB	55.8	60.5	57.7	53.1
@CAL2046	20/02/10	13:11'20	A	Fast	00:15'00	dB	59.5	70.4	61.7	52.9
@CAL2047	20/02/10	13:26'20	A	Fast	00:15'00	dB	55.4	60.4	56.9	52.9
@CAL2048	20/02/10	13:41'20	A	Fast	00:15'00	dB	55.2	60.5	56.9	52.6
@CAL2049	20/02/10	13:56'20	A	Fast	00:15'00	dB	55.1	60.8	56.8	52.3
@CAL2050	20/02/10	14:11'20	A	Fast	00:15'00	dB	58.9	72.6	58.3	52.3
@CAL2051	20/02/10	14:26'20	A	Fast	00:15'00	dB	56.9	62.4	59.7	53.3
@CAL2052	20/02/10	14:41'20	A	Fast	00:15'00	dB	56.6	65.0	57.7	53.5
@CAL2053	20/02/10	14:56'20	A	Fast	00:15'00	dB	55.8	61.5	57.7	53.1
@CAL2054	20/02/10	15:11'20	A	Fast	00:15'00	dB	55.3	60.3	57.3	52.3
@CAL2055	20/02/10	15:26'20	A	Fast	00:15'00	dB	55.6	61.0	57.5	52.7
@CAL2056	20/02/10	15:41'20	A	Fast	00:15'00	dB	57.4	63.6	60.4	53.3
@CAL2057	20/02/10	15:56'20	A	Fast	00:15'00	dB	63.2	77.6	60.3	53.0
@CAL2058	20/02/10	16:11'20	A	Fast	00:15'00	dB	58.8	71.2	59.6	53.2
@CAL2059	20/02/10	16:26'20	A	Fast	00:15'00	dB	58.4	69.4	59.4	53.7
@CAL2060	20/02/10	16:41'20	A	Fast	00:15'00	dB	56.6	61.6	57.7	53.3
@CAL2061	20/02/10	16:56'20	A	Fast	00:15'00	dB	57.8	69.1	58.0	52.1
@CAL2062	20/02/10	17:11'20	A	Fast	00:15'00	dB	55.8	61.9	57.9	52.8
@CAL2063	20/02/10	17:26'20	A	Fast	00:15'00	dB	55.3	59.8	57.0	53.1
@CAL2064	20/02/10	17:41'20	A	Fast	00:15'00	dB	56.5	66.5	57.4	52.4
@CAL2065	20/02/10	17:56'20	A	Fast	00:15'00	dB	56.0	60.5	58.0	53.2
@CAL2066	20/02/10	18:11'20	A	Fast	00:15'00	dB	57.3	69.1	57.7	52.8
@CAL2067	20/02/10	18:26'20	A	Fast	00:15'00	dB	55.0	59.6	56.9	52.5
@CAL2068	20/02/10	18:41'20	A	Fast	00:15'00	dB	55.1	60.7	56.9	52.5
@CAL2069	20/02/10	18:56'18	A	Fast	00:15'00	dB	55.6	62.6	57.3	53.0
@CAL2070	20/02/10	19:11'18	A	Fast	00:15'00	dB	55.5	61.7	57.6	52.5
@CAL2071	20/02/10	19:26'20	A	Fast	00:15'00	dB	55.6	61.6	57.2	53.1
@CAL2072	20/02/10	19:41'20	A	Fast	00:15'00	dB	64.6	77.6	66.3	52.3
@CAL2073	20/02/10	19:56'18	A	Fast	00:15'00	dB	54.9	59.4	56.7	52.3
@CAL2074	20/02/10	20:11'20	A	Fast	00:15'00	dB	55.7	62.0	57.7	52.5
@CAL2075	20/02/10	20:26'20	A	Fast	00:15'00	dB	55.7	62.8	57.8	52.4
@CAL2076	20/02/10	20:41'20	A	Fast	00:15'00	dB	55.8	62.1	57.8	52.5
@CAL2077	20/02/10	20:56'18	A	Fast	00:15'00	dB	55.1	61.5	57.2	51.6
@CAL2078	20/02/10	21:11'18	A	Fast	00:15'00	dB	55.0	59.0	56.7	52.6
@CAL2079	20/02/10	21:26'18	A	Fast	00:15'00	dB	55.2	61.3	56.9	52.5

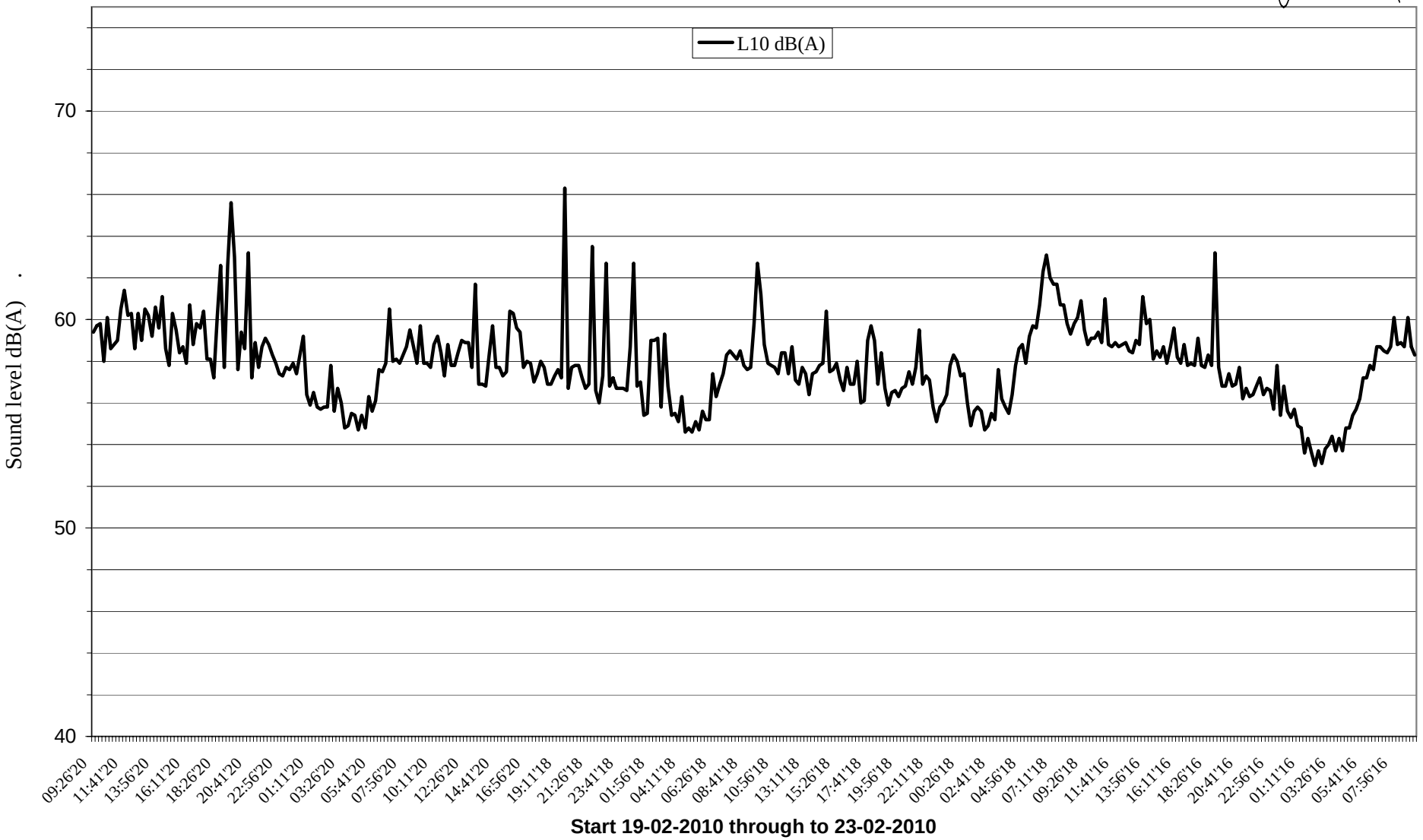
Main_results:										
File	Date	Start	Filter	Detect	Time	units	Leq (A)	L1 dB(A)	L10 dB(A)	L90 dB(A)
@CAL2080	20/02/10	21:41'18	A	Fast	00:15'00	dB	62.0	75.4	63.5	52.8
@CAL2081	20/02/10	21:56'18	A	Fast	00:15'00	dB	54.9	58.6	56.6	52.5
@CAL2082	20/02/10	22:11'18	A	Fast	00:15'00	dB	54.3	58.1	56.0	51.9
@CAL2083	20/02/10	22:26'18	A	Fast	00:15'00	dB	55.5	60.2	57.3	53.1
@CAL2084	20/02/10	22:41'18	A	Fast	00:15'00	dB	59.9	70.7	62.7	52.9
@CAL2085	20/02/10	22:56'18	A	Fast	00:15'00	dB	55.1	58.3	56.8	52.7
@CAL2086	20/02/10	23:11'18	A	Fast	00:15'00	dB	55.4	60.5	57.2	53.0
@CAL2087	20/02/10	23:26'18	A	Fast	00:15'00	dB	54.9	60.2	56.7	52.3
@CAL2088	20/02/10	23:41'18	A	Fast	00:15'00	dB	58.2	71.8	56.7	52.0
@CAL2089	20/02/10	23:56'18	A	Fast	00:15'00	dB	54.8	60.2	56.7	51.9
@CAL2090	21/02/10	00:11'18	A	Fast	00:15'00	dB	54.7	58.9	56.6	52.1
@CAL2091	21/02/10	00:26'18	A	Fast	00:15'00	dB	56.3	63.7	58.7	52.1
@CAL2092	21/02/10	00:41'18	A	Fast	00:15'00	dB	63.0	77.0	62.7	51.5
@CAL2093	21/02/10	00:56'18	A	Fast	00:15'00	dB	54.7	60.8	56.8	51.8
@CAL2094	21/02/10	01:11'18	A	Fast	00:15'00	dB	55.2	61.7	57.0	51.9
@CAL2095	21/02/10	01:26'18	A	Fast	00:15'00	dB	53.6	56.9	55.4	51.3
@CAL2096	21/02/10	01:41'18	A	Fast	00:15'00	dB	54.7	65.3	55.5	51.2
@CAL2097	21/02/10	01:56'18	A	Fast	00:15'00	dB	58.6	70.9	59.0	51.6
@CAL2098	21/02/10	02:11'18	A	Fast	00:15'00	dB	58.9	72.0	59.0	51.1
@CAL2099	21/02/10	02:26'18	A	Fast	00:15'00	dB	61.3	74.5	59.1	52.0
@CAL2100	21/02/10	02:41'18	A	Fast	00:15'00	dB	54.0	58.2	55.8	51.7
@CAL2101	21/02/10	02:56'18	A	Fast	00:15'00	dB	62.5	76.3	59.3	52.2
@CAL2102	21/02/10	03:11'18	A	Fast	00:15'00	dB	57.7	70.0	56.8	51.5
@CAL2103	21/02/10	03:26'18	A	Fast	00:15'00	dB	53.7	57.6	55.4	51.4
@CAL2104	21/02/10	03:41'18	A	Fast	00:15'00	dB	53.6	57.2	55.5	51.2
@CAL2105	21/02/10	03:56'18	A	Fast	00:15'00	dB	53.3	59.3	55.1	50.4
@CAL2106	21/02/10	04:11'18	A	Fast	00:15'00	dB	59.3	74.1	56.3	50.6
@CAL2107	21/02/10	04:26'18	A	Fast	00:15'00	dB	52.8	56.7	54.6	50.3
@CAL2108	21/02/10	04:41'18	A	Fast	00:15'00	dB	52.8	57.4	54.8	50.4
@CAL2109	21/02/10	04:56'18	A	Fast	00:15'00	dB	52.6	56.6	54.6	50.2
@CAL2110	21/02/10	05:11'18	A	Fast	00:15'00	dB	53.2	59.2	55.1	50.2
@CAL2111	21/02/10	05:26'18	A	Fast	00:15'00	dB	52.7	56.8	54.7	50.4
@CAL2112	21/02/10	05:41'18	A	Fast	00:15'00	dB	53.9	62.2	55.6	50.8
@CAL2113	21/02/10	05:56'18	A	Fast	00:15'00	dB	53.5	56.9	55.2	51.3
@CAL2114	21/02/10	06:11'18	A	Fast	00:15'00	dB	53.2	56.9	55.2	50.8
@CAL2115	21/02/10	06:26'18	A	Fast	00:15'00	dB	55.2	61.1	57.4	52.1
@CAL2116	21/02/10	06:41'18	A	Fast	00:15'00	dB	54.3	58.6	56.3	51.4
@CAL2117	21/02/10	06:56'18	A	Fast	00:15'00	dB	59.2	59.8	56.9	52.3
@CAL2118	21/02/10	07:11'18	A	Fast	00:15'00	dB	55.4	62.2	57.4	52.2
@CAL2119	21/02/10	07:26'18	A	Fast	00:15'00	dB	56.3	62.4	58.3	53.2
@CAL2120	21/02/10	07:41'18	A	Fast	00:15'00	dB	57.4	67.4	58.5	53.1
@CAL2121	21/02/10	07:56'18	A	Fast	00:15'00	dB	58.2	63.9	58.3	53.4
@CAL2122	21/02/10	08:11'18	A	Fast	00:15'00	dB	57.0	60.7	58.1	53.5
@CAL2123	21/02/10	08:26'18	A	Fast	00:15'00	dB	56.7	62.9	58.5	53.9
@CAL2124	21/02/10	08:41'18	A	Fast	00:15'00	dB	56.1	60.8	57.8	53.4
@CAL2125	21/02/10	08:56'18	A	Fast	00:15'00	dB	55.9	62.7	57.6	53.2
@CAL2126	21/02/10	09:11'18	A	Fast	00:15'00	dB	55.9	59.7	57.7	53.5
@CAL2127	21/02/10	09:26'18	A	Fast	00:15'00	dB	57.8	62.0	59.8	54.7
@CAL2128	21/02/10	09:41'18	A	Fast	00:15'00	dB	61.9	71.6	62.7	58.5
@CAL2129	21/02/10	09:56'18	A	Fast	00:15'00	dB	59.4	64.7	61.2	56.7
@CAL2130	21/02/10	10:11'18	A	Fast	00:15'00	dB	57.2	60.4	58.8	54.9
@CAL2131	21/02/10	10:26'18	A	Fast	00:15'00	dB	56.3	60.2	57.9	54.2
@CAL2132	21/02/10	10:41'18	A	Fast	00:15'00	dB	56.1	60.9	57.8	53.8
@CAL2133	21/02/10	10:56'18	A	Fast	00:15'00	dB	55.8	59.6	57.7	53.6
@CAL2134	21/02/10	11:11'18	A	Fast	00:15'00	dB	55.5	59.4	57.4	53.3
@CAL2135	21/02/10	11:26'18	A	Fast	00:15'00	dB	57.5	69.3	58.4	53.4
@CAL2136	21/02/10	11:41'18	A	Fast	00:15'00	dB	56.7	63.2	58.4	53.5
@CAL2137	21/02/10	11:56'18	A	Fast	00:15'00	dB	55.6	59.4	57.4	53.4
@CAL2138	21/02/10	12:11'18	A	Fast	00:15'00	dB	57.1	65.5	58.7	53.6
@CAL2139	21/02/10	12:26'18	A	Fast	00:15'00	dB	55.4	58.8	57.1	53.2
@CAL2140	21/02/10	12:41'18	A	Fast	00:15'00	dB	55.3	59.4	56.9	52.7
@CAL2141	21/02/10	12:56'18	A	Fast	00:15'00	dB	57.3	68.5	57.7	52.6
@CAL2142	21/02/10	13:11'18	A	Fast	00:15'00	dB	55.6	61.6	57.4	52.8
@CAL2143	21/02/10	13:26'18	A	Fast	00:15'00	dB	54.6	58.5	56.4	52.4
@CAL2144	21/02/10	13:41'18	A	Fast	00:15'00	dB	55.6	61.2	57.4	53.2
@CAL2145	21/02/10	13:56'18	A	Fast	00:15'00	dB	55.8	63.8	57.5	52.4
@CAL2146	21/02/10	14:11'18	A	Fast	00:15'00	dB	55.8	60.0	57.8	52.8
@CAL2147	21/02/10	14:26'18	A	Fast	00:15'00	dB	56.4	65.5	57.9	52.3
@CAL2148	21/02/10	14:41'18	A	Fast	00:15'00	dB	58.2	68.5	60.4	52.6
@CAL2149	21/02/10	14:56'18	A	Fast	00:15'00	dB	55.8	63.2	57.5	52.2
@CAL2150	21/02/10	15:11'18	A	Fast	00:15'00	dB	55.7	62.6	57.6	52.0
@CAL2151	21/02/10	15:26'18	A	Fast	00:15'00	dB	56.2	65.1	57.9	52.4
@CAL2152	21/02/10	15:41'18	A	Fast	00:15'00	dB	55.3	60.3	57.1	52.5
@CAL2153	21/02/10	15:56'18	A	Fast	00:15'00	dB	54.7	59.9	56.6	51.7
@CAL2154	21/02/10	16:11'18	A	Fast	00:15'00	dB	55.8	62.6	57.7	52.7
@CAL2155	21/02/10	16:26'18	A	Fast	00:15'00	dB	55.7	65.2	56.9	52.2
@CAL2156	21/02/10	16:41'18	A	Fast	00:15'00	dB	55.6	64.4	56.9	52.5
@CAL2157	21/02/10	16:56'18	A	Fast	00:15'00	dB	55.7	62.1	58.0	52.3
@CAL2158	21/02/10	17:11'18	A	Fast	00:15'00	dB	54.7	62.5	56.0	51.7
@CAL2159	21/02/10	17:26'18	A	Fast	00:15'00	dB	54.4	58.8	56.1	52.0
@CAL2160	21/02/10	17:41'18	A	Fast	00:15'00	dB	58.9	71.2	59.0	52.6
@CAL2161	21/02/10	17:56'18	A	Fast	00:15'00	dB	57.6	66.3	59.7	53.3
@CAL2162	21/02/10	18:11'18	A	Fast	00:15'00	dB	58.7	70.7	59.0	52.2
@CAL2163	21/02/10	18:26'18	A	Fast	00:15'00	dB	55.4	62.0	56.9	52.8
@CAL2164	21/02/10	18:41'18	A	Fast	00:15'00	dB	56.5	65.8	58.4	52.4
@CAL2165	21/02/10	18:56'18	A	Fast	00:15'00	dB	55.1	62.1	56.7	52.2
@CAL2166	21/02/10	19:11'18	A	Fast	00:15'00	dB	54.3	57.6	55.9	52.1
@CAL2167	21/02/10	19:26'18	A	Fast	00:15'00	dB	54.7	58.8	56.5	52.3
@CAL2168	21/02/10	19:41'18	A	Fast	00:15'00	dB	55.1	59.7	56.6	52.7
@CAL2169	21/02/10	19:56'18	A	Fast	00:15'00	dB	54.3	58.8	56.3	51.6
@CAL2170	21/02/10	20:11'18	A	Fast	00:15'00	dB	55.3	63.8	56.7	51.7
@CAL2171	21/02/10	20:26'18	A	Fast	00:15'00	dB	54.9	60.5	56.8	52.0
@CAL2172	21/02/10	20:41'18	A	Fast	00:15'00	dB	56.4	66.5	57.5	51.5
@CAL2173	21/02/10	20:56'18	A	Fast	00:15'00	dB	56.3	67.4	56.9	51.5

Main_results:										
File	Date	Start	Filter	Detect	Time	units	Leq (A)	L1 dB(A)	L10 dB(A)	L90 dB(A)
@CAL2174	21/02/10	21:11'18	A	Fast	00:15'00	dB	62.3	77.1	57.7	51.3
@CAL2175	21/02/10	21:26'18	A	Fast	00:15'00	dB	58.0	69.1	59.5	52.0
@CAL2176	21/02/10	21:41'18	A	Fast	00:15'00	dB	54.8	61.7	56.9	51.4
@CAL2177	21/02/10	21:56'18	A	Fast	00:15'00	dB	55.4	64.0	57.3	51.2
@CAL2178	21/02/10	22:11'18	A	Fast	00:15'00	dB	55.4	64.3	57.1	50.7
@CAL2179	21/02/10	22:26'18	A	Fast	00:15'00	dB	53.9	59.2	55.8	50.7
@CAL2180	21/02/10	22:41'18	A	Fast	00:15'00	dB	53.0	57.9	55.1	49.6
@CAL2181	21/02/10	22:56'18	A	Fast	00:15'00	dB	53.8	58.1	55.8	51.0
@CAL2182	21/02/10	23:11'18	A	Fast	00:15'00	dB	53.8	58.4	56.0	50.9
@CAL2183	21/02/10	23:26'18	A	Fast	00:15'00	dB	54.0	61.3	56.4	50.2
@CAL2184	21/02/10	23:41'18	A	Fast	00:15'00	dB	58.1	71.0	57.8	51.2
@CAL2185	21/02/10	23:56'18	A	Fast	00:15'00	dB	56.2	60.7	58.3	53.3
@CAL2186	22/02/10	00:11'18	A	Fast	00:15'00	dB	55.6	61.8	58.0	52.2
@CAL2187	22/02/10	00:26'18	A	Fast	00:15'00	dB	54.9	61.9	57.3	51.3
@CAL2188	22/02/10	00:41'18	A	Fast	00:15'00	dB	55.0	59.9	57.4	51.3
@CAL2189	22/02/10	00:56'18	A	Fast	00:15'00	dB	53.5	58.3	56.0	50.1
@CAL2190	22/02/10	01:11'18	A	Fast	00:15'00	dB	52.9	58.1	54.9	49.5
@CAL2191	22/02/10	01:26'18	A	Fast	00:15'00	dB	53.6	57.5	55.6	50.9
@CAL2192	22/02/10	01:41'18	A	Fast	00:15'00	dB	53.7	58.6	55.8	50.5
@CAL2193	22/02/10	01:56'18	A	Fast	00:15'00	dB	53.2	58.2	55.6	49.8
@CAL2194	22/02/10	02:11'18	A	Fast	00:15'00	dB	52.5	56.9	54.7	50.0
@CAL2195	22/02/10	02:26'18	A	Fast	00:15'00	dB	52.8	57.5	54.9	50.0
@CAL2196	22/02/10	02:41'18	A	Fast	00:15'00	dB	53.3	58.2	55.5	50.3
@CAL2197	22/02/10	02:56'18	A	Fast	00:15'00	dB	53.1	58.1	55.2	50.3
@CAL2198	22/02/10	03:11'18	A	Fast	00:15'00	dB	55.7	61.7	57.6	51.5
@CAL2199	22/02/10	03:26'18	A	Fast	00:15'00	dB	54.2	57.9	56.2	51.8
@CAL2200	22/02/10	03:41'18	A	Fast	00:15'00	dB	53.9	57.8	55.8	51.4
@CAL2201	22/02/10	03:56'18	A	Fast	00:15'00	dB	53.7	57.6	55.5	51.4
@CAL2202	22/02/10	04:11'18	A	Fast	00:15'00	dB	54.6	58.2	56.4	52.2
@CAL2203	22/02/10	04:26'18	A	Fast	00:15'00	dB	55.7	60.1	57.8	53.1
@CAL2204	22/02/10	04:41'18	A	Fast	00:15'00	dB	56.6	60.2	58.6	53.8
@CAL2205	22/02/10	04:56'18	A	Fast	00:15'00	dB	56.8	60.5	58.8	54.1
@CAL2206	22/02/10	05:11'18	A	Fast	00:15'00	dB	56.1	59.7	57.9	54.1
@CAL2207	22/02/10	05:26'18	A	Fast	00:15'00	dB	57.4	60.7	59.2	54.9
@CAL2208	22/02/10	05:41'18	A	Fast	00:15'00	dB	57.9	61.7	59.7	55.6
@CAL2209	22/02/10	05:56'18	A	Fast	00:15'00	dB	57.8	60.9	59.6	55.3
@CAL2210	22/02/10	06:11'18	A	Fast	00:15'00	dB	58.7	62.1	60.7	56.0
@CAL2211	22/02/10	06:26'18	A	Fast	00:15'00	dB	60.5	63.8	62.3	58.0
@CAL2212	22/02/10	06:41'18	A	Fast	00:15'00	dB	61.6	65.8	63.1	59.4
@CAL2213	22/02/10	06:56'18	A	Fast	00:15'00	dB	60.4	63.8	62.0	58.3
@CAL2214	22/02/10	07:11'18	A	Fast	00:15'00	dB	60.1	63.1	61.7	58.0
@CAL2215	22/02/10	07:26'18	A	Fast	00:15'00	dB	60.2	63.7	61.7	58.1
@CAL2216	22/02/10	07:41'18	A	Fast	00:15'00	dB	59.0	63.8	60.7	56.4
@CAL2217	22/02/10	07:56'18	A	Fast	00:15'00	dB	58.9	62.4	60.7	56.4
@CAL2218	22/02/10	08:11'18	A	Fast	00:15'00	dB	58.6	65.9	59.8	55.9
@CAL2219	22/02/10	08:26'18	A	Fast	00:15'00	dB	57.7	60.9	59.3	55.4
@CAL2220	22/02/10	08:41'18	A	Fast	00:15'00	dB	58.0	61.9	59.8	55.4
@CAL2221	22/02/10	08:56'18	A	Fast	00:15'00	dB	58.3	62.3	60.1	55.8
@CAL2222	22/02/10	09:11'18	A	Fast	00:15'00	dB	60.5	72.1	60.9	55.4
@CAL2223	22/02/10	09:26'18	A	Fast	00:15'00	dB	57.8	60.9	59.5	55.5
@CAL2224	22/02/10	09:41'18	A	Fast	00:15'00	dB	57.2	60.5	58.8	55.2
@CAL2225	22/02/10	09:56'18	A	Fast	00:15'00	dB	57.3	60.9	59.1	55.1
@CAL2226	22/02/10	10:11'18	A	Fast	00:15'00	dB	57.6	63.5	59.1	55.1
@CAL2227	22/02/10	10:26'18	A	Fast	00:15'00	dB	58.9	70.2	59.4	55.1
@CAL2228	22/02/10	10:41'18	A	Fast	00:15'00	dB	57.3	60.9	58.9	55.1
@CAL2229	22/02/10	10:56'18	A	Fast	00:15'00	dB	60.2	71.7	61.0	54.9
@CAL2230	22/02/10	11:11'16	A	Fast	00:15'00	dB	57.0	60.8	58.8	54.5
@CAL2231	22/02/10	11:26'16	A	Fast	00:15'00	dB	56.9	60.9	58.7	54.7
@CAL2232	22/02/10	11:41'16	A	Fast	00:15'00	dB	57.1	61.7	58.9	54.7
@CAL2233	22/02/10	11:56'16	A	Fast	00:15'00	dB	57.7	67.5	58.7	54.4
@CAL2234	22/02/10	12:11'18	A	Fast	00:15'00	dB	57.7	66.3	58.8	54.3
@CAL2235	22/02/10	12:26'16	A	Fast	00:15'00	dB	56.8	62.7	58.9	53.9
@CAL2236	22/02/10	12:41'16	A	Fast	00:15'00	dB	56.6	60.8	58.5	54.4
@CAL2237	22/02/10	12:56'16	A	Fast	00:15'00	dB	56.7	60.7	58.4	54.6
@CAL2238	22/02/10	13:11'16	A	Fast	00:15'00	dB	57.2	63.6	59.0	54.2
@CAL2239	22/02/10	13:26'16	A	Fast	00:15'00	dB	57.5	66.4	58.8	53.9
@CAL2240	22/02/10	13:41'16	A	Fast	00:15'00	dB	60.5	72.2	61.1	54.4
@CAL2241	22/02/10	13:56'16	A	Fast	00:15'00	dB	58.2	67.5	59.8	54.6
@CAL2242	22/02/10	14:11'16	A	Fast	00:15'00	dB	58.5	67.7	60.0	54.2
@CAL2243	22/02/10	14:26'16	A	Fast	00:15'00	dB	56.3	60.6	58.1	54.0
@CAL2244	22/02/10	14:41'16	A	Fast	00:15'00	dB	60.4	73.2	58.5	53.9
@CAL2245	22/02/10	14:56'16	A	Fast	00:15'00	dB	56.3	60.3	58.2	54.0
@CAL2246	22/02/10	15:11'16	A	Fast	00:15'00	dB	56.7	61.7	58.7	54.1
@CAL2247	22/02/10	15:26'16	A	Fast	00:15'00	dB	56.8	65.2	57.9	53.5
@CAL2248	22/02/10	15:41'16	A	Fast	00:15'00	dB	61.6	76.2	58.7	53.8
@CAL2249	22/02/10	15:56'16	A	Fast	00:15'00	dB	58.7	70.2	59.6	53.6
@CAL2250	22/02/10	16:11'16	A	Fast	00:15'00	dB	56.1	60.7	58.2	53.4
@CAL2251	22/02/10	16:26'16	A	Fast	00:15'00	dB	56.1	60.6	57.9	53.5
@CAL2252	22/02/10	16:41'16	A	Fast	00:15'00	dB	59.1	71.5	58.8	53.7
@CAL2253	22/02/10	16:56'16	A	Fast	00:15'00	dB	55.9	60.7	57.8	53.3
@CAL2254	22/02/10	17:11'16	A	Fast	00:15'00	dB	55.8	60.4	57.9	53.2
@CAL2255	22/02/10	17:26'16	A	Fast	00:15'00	dB	55.9	60.5	57.8	53.4
@CAL2256	22/02/10	17:41'16	A	Fast	00:15'00	dB	56.9	63.7	59.1	53.9
@CAL2257	22/02/10	17:56'16	A	Fast	00:15'00	dB	56.0	60.5	57.8	53.5
@CAL2258	22/02/10	18:11'16	A	Fast	00:15'00	dB	56.1	60.1	57.7	53.9
@CAL2259	22/02/10	18:26'16	A	Fast	00:15'00	dB	56.5	63.7	58.3	53.4
@CAL2260	22/02/10	18:41'16	A	Fast	00:15'00	dB	56.1	61.6	57.8	53.4
@CAL2261	22/02/10	18:56'16	A	Fast	00:15'00	dB	61.3	73.2	63.2	54.2
@CAL2262	22/02/10	19:11'16	A	Fast	00:15'00	dB	59.0	72.7	57.7	53.1
@CAL2263	22/02/10	19:26'16	A	Fast	00:15'00	dB	55.2	59.3	56.8	53.0
@CAL2264	22/02/10	19:41'16	A	Fast	00:15'00	dB	55.2	58.5	56.8	53.0
@CAL2265	22/02/10	19:56'16	A	Fast	00:15'00	dB	55.8	61.5	57.4	53.1
@CAL2266	22/02/10	20:11'16	A	Fast	00:15'00	dB	55.1	59.1	56.8	52.4
@CAL2267	22/02/10	20:26'16	A	Fast	00:15'00	dB	54.8	58.9	56.9	52.1

Main_results:										
File	Date	Start	Filter	Detect	Time	units	Leq (A)	L1 dB(A)	L10 dB(A)	L90 dB(A)
@CAL2268	22/02/10	20:41'16	A	Fast	00:15'00	dB	55.9	63.3	57.7	52.4
@CAL2269	22/02/10	20:56'16	A	Fast	00:15'00	dB	54.2	58.7	56.2	51.5
@CAL2270	22/02/10	21:11'16	A	Fast	00:15'00	dB	54.9	62.7	56.7	51.6
@CAL2271	22/02/10	21:26'16	A	Fast	00:15'00	dB	54.7	61.2	56.3	51.4
@CAL2272	22/02/10	21:41'16	A	Fast	00:15'00	dB	54.6	60.6	56.4	51.5
@CAL2273	22/02/10	21:56'16	A	Fast	00:15'00	dB	55.4	60.6	56.8	51.9
@CAL2274	22/02/10	22:11'16	A	Fast	00:15'00	dB	56.5	66.8	57.2	52.2
@CAL2275	22/02/10	22:26'16	A	Fast	00:15'00	dB	54.1	58.6	56.4	50.7
@CAL2276	22/02/10	22:41'16	A	Fast	00:15'00	dB	54.6	58.7	56.7	52.0
@CAL2277	22/02/10	22:56'16	A	Fast	00:15'00	dB	54.6	61.0	56.6	51.4
@CAL2278	22/02/10	23:11'16	A	Fast	00:15'00	dB	53.5	57.1	55.7	50.3
@CAL2279	22/02/10	23:26'16	A	Fast	00:15'00	dB	58.1	71.4	57.8	51.6
@CAL2280	22/02/10	23:41'16	A	Fast	00:15'00	dB	53.4	58.2	55.4	50.0
@CAL2281	22/02/10	23:56'16	A	Fast	00:15'00	dB	54.8	59.8	56.8	51.7
@CAL2282	23/02/10	00:11'16	A	Fast	00:15'00	dB	53.7	57.3	55.6	51.2
@CAL2283	23/02/10	00:26'16	A	Fast	00:15'00	dB	53.0	57.4	55.3	50.0
@CAL2284	23/02/10	00:41'16	A	Fast	00:15'00	dB	53.7	58.4	55.7	51.1
@CAL2285	23/02/10	00:56'16	A	Fast	00:15'00	dB	52.8	56.9	54.9	50.4
@CAL2286	23/02/10	01:11'16	A	Fast	00:15'00	dB	54.7	61.0	54.8	50.5
@CAL2287	23/02/10	01:26'16	A	Fast	00:15'00	dB	51.7	55.9	53.6	49.3
@CAL2288	23/02/10	01:41'16	A	Fast	00:15'00	dB	51.9	56.3	54.3	49.0
@CAL2289	23/02/10	01:56'16	A	Fast	00:15'00	dB	51.7	56.3	53.6	49.4
@CAL2290	23/02/10	02:11'16	A	Fast	00:15'00	dB	51.4	56.9	53.0	48.7
@CAL2291	23/02/10	02:26'16	A	Fast	00:15'00	dB	51.7	56.6	53.7	49.4
@CAL2292	23/02/10	02:41'16	A	Fast	00:15'00	dB	51.0	55.4	53.1	48.2
@CAL2293	23/02/10	02:56'16	A	Fast	00:15'00	dB	51.9	56.8	53.8	49.1
@CAL2294	23/02/10	03:11'16	A	Fast	00:15'00	dB	52.2	57.3	54.0	50.0
@CAL2295	23/02/10	03:26'16	A	Fast	00:15'00	dB	52.4	57.3	54.4	49.8
@CAL2296	23/02/10	03:41'16	A	Fast	00:15'00	dB	51.6	55.7	53.7	49.0
@CAL2297	23/02/10	03:56'16	A	Fast	00:15'00	dB	52.4	57.5	54.3	50.1
@CAL2298	23/02/10	04:11'16	A	Fast	00:15'00	dB	51.6	56.1	53.7	49.0
@CAL2299	23/02/10	04:26'16	A	Fast	00:15'00	dB	53.0	58.6	54.8	50.3
@CAL2300	23/02/10	04:41'16	A	Fast	00:15'00	dB	52.7	56.9	54.8	49.9
@CAL2301	23/02/10	04:56'16	A	Fast	00:15'00	dB	53.2	58.0	55.4	50.4
@CAL2302	23/02/10	05:11'16	A	Fast	00:15'00	dB	53.4	57.7	55.7	50.6
@CAL2303	23/02/10	05:26'16	A	Fast	00:15'00	dB	53.9	59.7	56.2	50.5
@CAL2304	23/02/10	05:41'16	A	Fast	00:15'00	dB	55.0	59.8	57.2	51.9
@CAL2305	23/02/10	05:56'16	A	Fast	00:15'00	dB	54.9	59.6	57.2	52.1
@CAL2306	23/02/10	06:11'16	A	Fast	00:15'00	dB	55.7	60.8	57.8	53.0
@CAL2307	23/02/10	06:26'16	A	Fast	00:15'00	dB	55.6	60.0	57.6	53.0
@CAL2308	23/02/10	06:41'16	A	Fast	00:15'00	dB	61.1	76.0	58.7	52.9
@CAL2309	23/02/10	06:56'16	A	Fast	00:15'00	dB	56.5	62.0	58.7	53.2
@CAL2310	23/02/10	07:11'16	A	Fast	00:15'00	dB	56.3	60.6	58.5	53.5
@CAL2311	23/02/10	07:26'16	A	Fast	00:15'00	dB	56.3	60.2	58.4	53.5
@CAL2312	23/02/10	07:41'16	A	Fast	00:15'00	dB	56.8	61.9	58.7	53.8
@CAL2313	23/02/10	07:56'16	A	Fast	00:15'00	dB	58.3	67.0	60.1	54.0
@CAL2314	23/02/10	08:11'16	A	Fast	00:15'00	dB	56.5	61.9	58.8	53.2
@CAL2315	23/02/10	08:26'16	A	Fast	00:15'00	dB	57.1	63.1	58.9	54.1
@CAL2316	23/02/10	08:41'16	A	Fast	00:15'00	dB	56.9	63.6	58.7	54.2
@CAL2317	23/02/10	08:56'16	A	Fast	00:15'00	dB	61.3	75.1	60.1	54.3
@CAL2318	23/02/10	09:11'16	A	Fast	00:15'00	dB	56.9	62.9	58.7	54.1
@CAL2319	23/02/10	09:26'16	A	Fast	00:15'00	dB	56.5	62.3	58.3	53.7

Vascroft Contractors Ltd

Park Inn Hotel, 92 Southampton Row, London. WC1B 4BH.

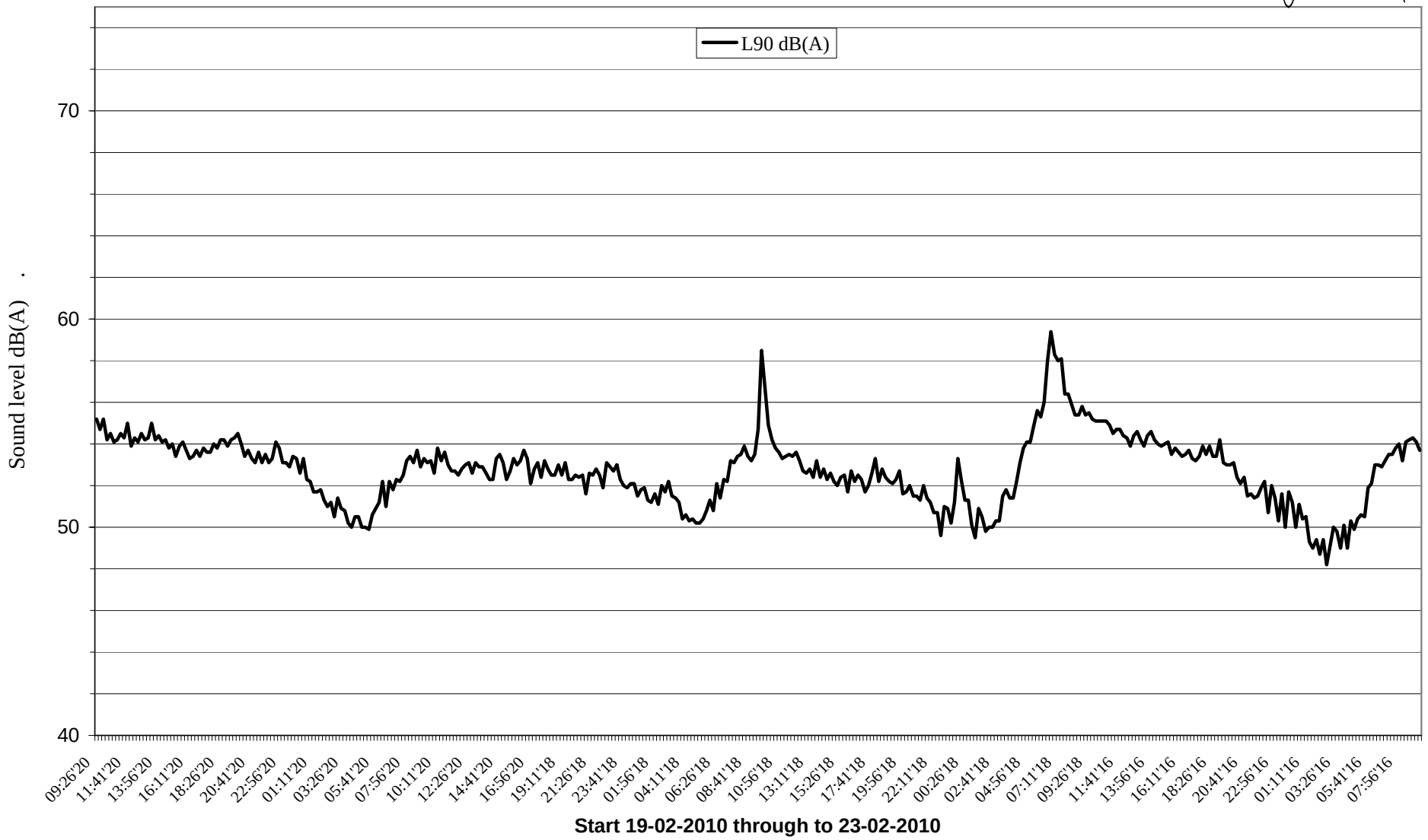


Start 19-02-2010 through to 23-02-2010

CS6764
28th April 2010

Vascroft Contractors Ltd

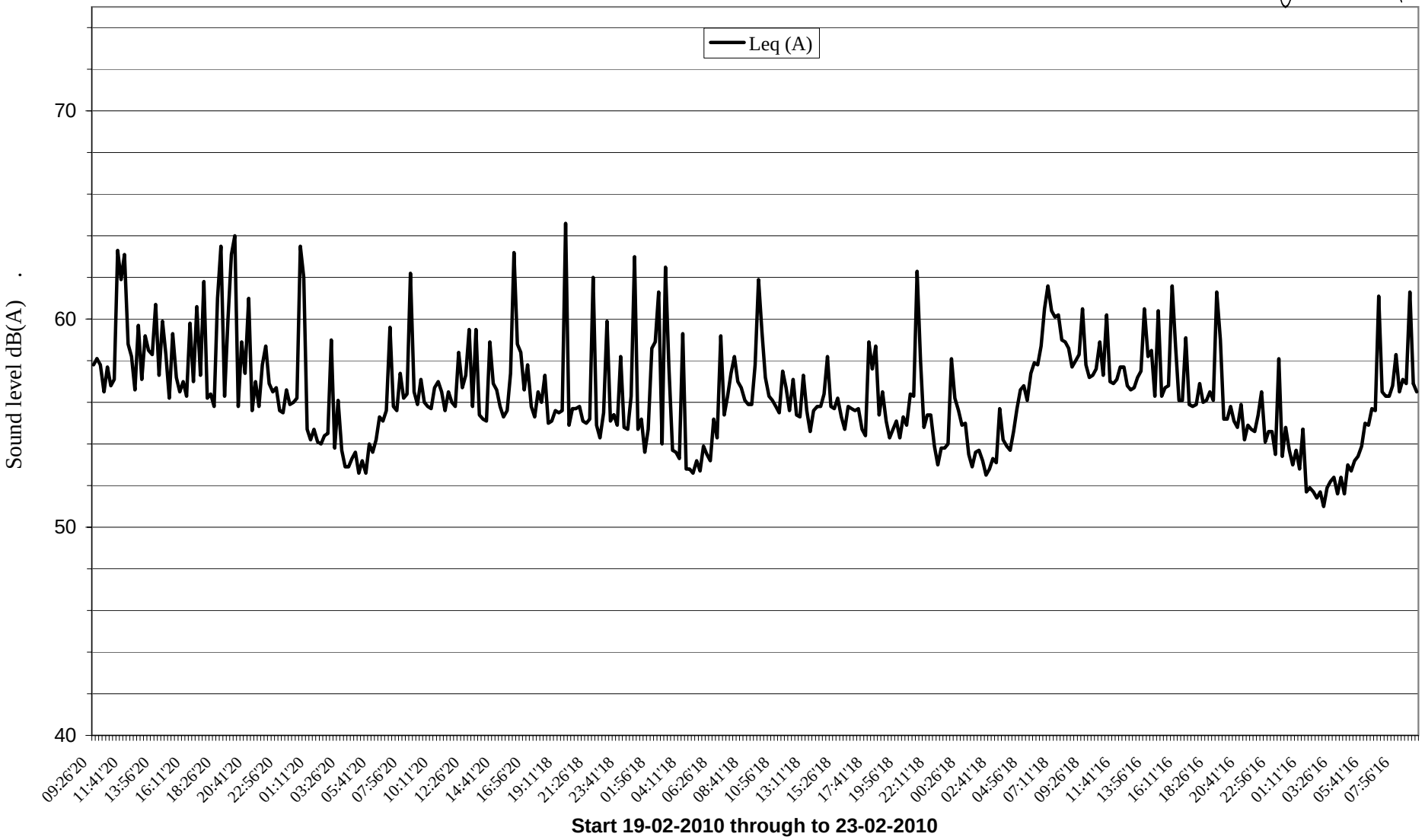
Park Inn Hotel, 92 Southampton Row, London. WC1B 4BH.



Start 19-02-2010 through to 23-02-2010

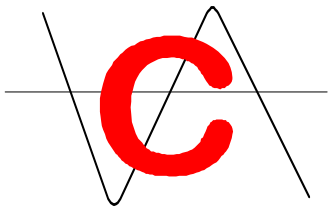
Vascroft Contractors Ltd

Park Inn Hotel, 92 Southampton Row, London. WC1B 4BH.



Start 19-02-2010 through to 23-02-2010

CEL SoundTrack - dB23 1.05 ϕ Casella CEL Ltd 2004
m:\00 park inn hotel london\south end of roof\south.dtɛ



- Run Summary -

Logging times:		
	dd/mm/yyyy	hh:mm:ss
Start of run	19/02/2010	09:39:07
End of run	23/02/2010	04:50:46

Overload occurred	No	
Total overload time		00:00.0
Under-range occurred	No	
Low battery occurred	No	

User calibration information:

Calibrated before run o	19/02/2010	09:31:11	at	114	dB
Calibrated after run on	23/02/2010	09:36:28	at	114	dB
Input	Microphone				

Setup information:

Setup name	User Setup 1
Model number	CEL-490 Version 1.07
Serial number	25445
Run Mode	Octave band SLM
Frequency weighting f	Z
Frequency weighting f	Z
Time weighting	Fast
Measurement range	0 - 140 dB
Exchange rate (Q)	3
Period time	00:15:00
FSI mode:	Off

First period listed	1 : 364

Band	Broadband (A)

Period number	Flags	Date	Time	LF90.0	LF10.0	Leq
	(OBPZ)			dB, (A)	dB, (A)	dB, (A)
1	-----	19/02/2010	09:39:07	57.0	63.0	61.6
2	-----	19/02/2010	09:54:07	57.5	62.5	61.2
3	-----	19/02/2010	10:09:07	57.0	61.5	60.3
4	-----	19/02/2010	10:24:07	57.5	62.5	61.4
5	-----	19/02/2010	10:39:07	57.0	62.0	60.4
6	-----	19/02/2010	10:54:07	57.5	61.5	60.4
7	-----	19/02/2010	11:09:07	57.5	64.0	61.9
8	-----	19/02/2010	11:24:07	57.0	62.0	60.6
9	-----	19/02/2010	11:39:07	57.5	67.0	66.5
10	-----	19/02/2010	11:54:07	57.0	62.0	60.6
11	-----	19/02/2010	12:09:07	57.0	62.0	60.7
12	-----	19/02/2010	12:24:07	57.0	61.5	59.9
13	-----	19/02/2010	12:39:07	57.5	63.0	63.3
14	-----	19/02/2010	12:54:07	56.5	61.5	60.0
15	-----	19/02/2010	13:09:07	57.0	63.5	62.1
16	-----	19/02/2010	13:24:07	57.5	63.0	62.9
17	-----	19/02/2010	13:39:07	57.0	62.5	60.9
18	-----	19/02/2010	13:54:07	57.5	64.0	64.0
19	-----	19/02/2010	14:09:07	57.0	62.5	61.1
20	-----	19/02/2010	14:24:07	57.5	65.0	63.8
21	-----	19/02/2010	14:39:07	57.0	61.5	60.5
22	-----	19/02/2010	14:54:07	57.0	61.5	60.6
23	-----	19/02/2010	15:09:07	56.5	62.5	62.3
24	-----	19/02/2010	15:24:07	57.0	63.0	60.8
25	-----	19/02/2010	15:39:07	57.0	62.0	60.8
26	-----	19/02/2010	15:54:07	56.5	61.5	60.0
27	-----	19/02/2010	16:09:07	56.5	61.5	60.4
28	-----	19/02/2010	16:24:07	56.5	64.0	62.5
29	-----	19/02/2010	16:39:07	56.0	61.5	59.6
30	-----	19/02/2010	16:54:07	56.0	62.0	63.7
31	-----	19/02/2010	17:09:07	56.0	61.5	59.7
32	-----	19/02/2010	17:24:07	56.5	64.0	64.7
33	-----	19/02/2010	17:39:07	56.0	60.5	58.7
34	-----	19/02/2010	17:54:07	56.5	60.0	58.6
35	-----	19/02/2010	18:09:07	56.5	60.0	58.6
36	-----	19/02/2010	18:24:07	56.5	63.5	64.0
37	-----	19/02/2010	18:39:07	57.0	64.5	65.7
38	-----	19/02/2010	18:54:07	56.5	60.0	59.1
39	-----	19/02/2010	19:09:07	57.0	66.0	64.3
40	-----	19/02/2010	19:24:07	56.5	62.0	64.0

Period number	Flags	Date	Time	LF90.0	LF10.0	Leq
	(OBPZ)			dB, (A)	dB, (A)	dB, (A)
41	-----	19/02/2010	19:39:07	57.0	66.0	66.6
42	-----	19/02/2010	19:54:07	56.0	59.5	58.2
43	-----	19/02/2010	20:09:07	55.5	61.0	60.1
44	-----	19/02/2010	20:24:07	56.0	62.5	61.7
45	-----	19/02/2010	20:39:07	55.0	60.5	60.4
46	-----	19/02/2010	20:54:07	55.0	60.5	58.6
47	-----	19/02/2010	21:09:07	55.0	60.5	59.1
48	-----	19/02/2010	21:24:07	55.0	60.0	58.2
49	-----	19/02/2010	21:39:07	55.0	60.5	59.4
50	-----	19/02/2010	21:54:07	55.0	62.0	60.2
51	-----	19/02/2010	22:09:07	55.5	61.0	59.2
52	-----	19/02/2010	22:24:07	56.0	60.5	58.9
53	-----	19/02/2010	22:39:07	55.5	59.5	58.1
54	-----	19/02/2010	22:54:07	55.0	59.5	57.8
55	-----	19/02/2010	23:09:07	55.5	60.0	58.6
56	-----	19/02/2010	23:24:07	55.0	59.5	57.4
57	-----	19/02/2010	23:39:07	55.5	60.0	58.2
58	-----	19/02/2010	23:54:07	55.0	60.0	58.5
59	-----	20/02/2010	00:09:07	54.5	60.0	58.7
60	-----	20/02/2010	00:24:07	55.0	60.5	64.8
61	-----	20/02/2010	00:39:07	54.5	62.0	64.5
62	-----	20/02/2010	00:54:07	54.5	58.5	57.0
63	-----	20/02/2010	01:09:07	54.0	58.5	56.5
64	-----	20/02/2010	01:24:07	54.0	58.5	56.6
65	-----	20/02/2010	01:39:07	53.5	58.0	56.0
66	-----	20/02/2010	01:54:07	53.5	58.0	56.4
67	-----	20/02/2010	02:09:07	53.0	58.0	56.7
68	-----	20/02/2010	02:24:07	53.0	58.0	56.2
69	-----	20/02/2010	02:39:07	53.0	60.0	61.0
70	-----	20/02/2010	02:54:07	53.0	57.5	55.9
71	-----	20/02/2010	03:09:07	53.0	59.0	59.0
72	-----	20/02/2010	03:24:07	52.5	58.0	55.7
73	-----	20/02/2010	03:39:07	52.5	57.5	55.6
74	-----	20/02/2010	03:54:07	52.0	57.0	55.0
75	-----	20/02/2010	04:09:07	52.5	58.0	55.5
76	-----	20/02/2010	04:24:07	53.0	57.5	55.6
77	-----	20/02/2010	04:39:07	52.0	57.5	54.9
78	-----	20/02/2010	04:54:07	51.5	57.0	55.0
79	-----	20/02/2010	05:09:07	52.0	57.5	55.4
80	-----	20/02/2010	05:24:07	53.0	58.0	56.1
81	-----	20/02/2010	05:39:07	52.5	58.0	55.6
82	-----	20/02/2010	05:54:07	53.5	58.5	56.7
83	-----	20/02/2010	06:09:07	54.5	60.0	57.9
84	-----	20/02/2010	06:24:07	53.5	59.5	57.2
85	-----	20/02/2010	06:39:07	54.5	60.5	58.1
86	-----	20/02/2010	06:54:07	54.5	62.0	61.8
87	-----	20/02/2010	07:09:07	55.0	60.0	58.0
88	-----	20/02/2010	07:24:07	54.5	60.5	58.3
89	-----	20/02/2010	07:39:07	55.0	60.0	58.1
90	-----	20/02/2010	07:54:07	55.5	60.5	58.5
91	-----	20/02/2010	08:09:07	55.0	60.5	58.3
92	-----	20/02/2010	08:24:07	55.5	61.5	63.8
93	-----	20/02/2010	08:39:07	55.5	61.0	58.9
94	-----	20/02/2010	08:54:07	55.0	60.5	58.4
95	-----	20/02/2010	09:09:07	55.5	62.0	59.4
96	-----	20/02/2010	09:24:07	55.0	60.0	58.5
97	-----	20/02/2010	09:39:07	55.5	60.5	58.5
98	-----	20/02/2010	09:54:07	55.5	60.0	58.2
99	-----	20/02/2010	10:09:07	56.5	62.0	59.9
100	-----	20/02/2010	10:24:07	55.5	60.5	58.8
101	-----	20/02/2010	10:39:07	56.5	61.0	59.5
102	-----	20/02/2010	10:54:07	56.5	60.5	59.1
103	-----	20/02/2010	11:09:07	57.0	62.5	60.6
104	-----	20/02/2010	11:24:07	56.5	61.0	59.6
105	-----	20/02/2010	11:39:07	56.5	61.0	60.2
106	-----	20/02/2010	11:54:07	56.5	61.5	60.9
107	-----	20/02/2010	12:09:07	57.0	62.0	60.6
108	-----	20/02/2010	12:24:07	56.5	61.5	60.8
109	-----	20/02/2010	12:39:07	56.5	62.0	63.5
110	-----	20/02/2010	12:54:07	57.0	61.0	59.9
111	-----	20/02/2010	13:09:07	56.5	63.5	61.7
112	-----	20/02/2010	13:24:07	56.5	60.5	59.2
113	-----	20/02/2010	13:39:07	56.5	60.5	59.3
114	-----	20/02/2010	13:54:07	56.0	60.0	58.7
115	-----	20/02/2010	14:09:07	56.0	61.5	62.3
116	-----	20/02/2010	14:24:07	57.0	62.5	60.0
117	-----	20/02/2010	14:39:07	57.0	61.0	59.9
118	-----	20/02/2010	14:54:07	57.0	60.5	59.2
119	-----	20/02/2010	15:09:07	56.0	60.5	59.0
120	-----	20/02/2010	15:24:07	57.0	60.5	59.2
121	-----	20/02/2010	15:39:07	57.0	64.0	62.1
122	-----	20/02/2010	15:54:07	56.5	62.5	65.5
123	-----	20/02/2010	16:09:07	56.5	62.0	62.0
124	-----	20/02/2010	16:24:07	56.5	62.0	61.2

Period number	Flags	Date	Time	LF90.0	LF10.0	Leq
	(OBPZ)			dB, (A)	dB, (A)	dB, (A)
125	-----	20/02/2010	16:39:07	56.5	60.5	59.3
126	-----	20/02/2010	16:54:07	56.0	62.5	61.7
127	-----	20/02/2010	17:09:07	56.5	61.0	59.1
128	-----	20/02/2010	17:24:07	56.5	60.5	59.6
129	-----	20/02/2010	17:39:07	56.0	59.5	58.4
130	-----	20/02/2010	17:54:07	56.5	62.0	60.2
131	-----	20/02/2010	18:09:07	56.0	60.0	58.7
132	-----	20/02/2010	18:24:07	56.0	59.5	58.0
133	-----	20/02/2010	18:39:07	56.0	60.0	58.5
134	-----	20/02/2010	18:54:07	56.0	60.0	58.8
135	-----	20/02/2010	19:09:07	56.5	60.0	58.5
136	-----	20/02/2010	19:24:07	56.5	60.0	58.6
137	-----	20/02/2010	19:39:07	55.5	67.0	67.3
138	-----	20/02/2010	19:54:07	55.5	59.5	57.8
139	-----	20/02/2010	20:09:07	55.5	60.0	58.6
140	-----	20/02/2010	20:24:07	55.5	60.5	58.7
141	-----	20/02/2010	20:39:07	56.0	60.0	58.6
142	-----	20/02/2010	20:54:07	55.5	60.0	58.2
143	-----	20/02/2010	21:09:07	55.5	59.5	57.8
144	-----	20/02/2010	21:24:07	55.0	59.0	57.5
145	-----	20/02/2010	21:39:07	56.0	62.5	62.4
146	-----	20/02/2010	21:54:07	55.5	59.0	57.7
147	-----	20/02/2010	22:09:07	55.5	59.5	58.1
148	-----	20/02/2010	22:24:07	56.0	59.5	58.2
149	-----	20/02/2010	22:39:07	56.0	63.0	61.0
150	-----	20/02/2010	22:54:07	56.0	60.0	58.5
151	-----	20/02/2010	23:09:07	56.0	59.5	58.4
152	-----	20/02/2010	23:24:07	55.5	59.5	57.9
153	-----	20/02/2010	23:39:07	55.5	59.5	61.3
154	-----	20/02/2010	23:54:07	55.0	59.5	57.7
155	-----	21/02/2010	00:09:07	55.0	60.0	58.7
156	-----	21/02/2010	00:24:07	55.5	60.5	58.4
157	-----	21/02/2010	00:39:07	54.0	64.0	65.1
158	-----	21/02/2010	00:54:07	55.5	60.0	58.2
159	-----	21/02/2010	01:09:07	54.0	59.5	57.9
160	-----	21/02/2010	01:24:07	53.5	58.0	57.1
161	-----	21/02/2010	01:39:07	53.5	58.5	58.5
162	-----	21/02/2010	01:54:07	53.5	61.0	59.5
163	-----	21/02/2010	02:09:07	53.5	59.0	60.4
164	-----	21/02/2010	02:24:07	54.0	60.0	63.3
165	-----	21/02/2010	02:39:07	54.5	59.5	58.3
166	-----	21/02/2010	02:54:07	55.0	59.5	64.2
167	-----	21/02/2010	03:09:07	55.0	59.5	60.1
168	-----	21/02/2010	03:24:07	54.5	58.0	56.5
169	-----	21/02/2010	03:39:07	54.5	58.0	56.4
170	-----	21/02/2010	03:54:07	54.0	58.0	56.3
171	-----	21/02/2010	04:09:07	53.0	58.0	61.9
172	-----	21/02/2010	04:24:07	52.0	57.5	55.5
173	-----	21/02/2010	04:39:07	51.5	57.0	54.7
174	-----	21/02/2010	04:54:07	51.5	57.0	54.8
175	-----	21/02/2010	05:09:07	51.5	57.5	55.6
176	-----	21/02/2010	05:24:07	51.5	57.0	55.0
177	-----	21/02/2010	05:39:07	52.0	58.0	56.1
178	-----	21/02/2010	05:54:07	52.5	57.5	55.5
179	-----	21/02/2010	06:09:07	54.0	58.0	56.6
180	-----	21/02/2010	06:24:07	54.5	59.0	56.9
181	-----	21/02/2010	06:39:07	55.0	59.0	57.1
182	-----	21/02/2010	06:54:07	55.0	59.5	57.6
183	-----	21/02/2010	07:09:07	55.5	60.5	58.4
184	-----	21/02/2010	07:24:07	55.5	60.0	58.4
185	-----	21/02/2010	07:39:07	56.0	60.0	59.7
186	-----	21/02/2010	07:54:07	56.0	60.5	59.1
187	-----	21/02/2010	08:09:07	56.0	60.0	58.5
188	-----	21/02/2010	08:24:07	55.5	60.5	58.3
189	-----	21/02/2010	08:39:07	56.0	60.0	58.1
190	-----	21/02/2010	08:54:07	55.5	59.5	58.1
191	-----	21/02/2010	09:09:07	55.5	60.0	58.0
192	-----	21/02/2010	09:24:07	57.5	65.0	63.4
193	-----	21/02/2010	09:39:07	59.0	67.5	64.7
194	-----	21/02/2010	09:54:07	58.0	64.0	62.2
195	-----	21/02/2010	10:09:07	57.0	61.0	59.6
196	-----	21/02/2010	10:24:07	56.5	60.0	58.7
197	-----	21/02/2010	10:39:07	56.5	60.0	58.7
198	-----	21/02/2010	10:54:07	56.0	60.0	58.4
199	-----	21/02/2010	11:09:07	56.0	60.0	58.1
200	-----	21/02/2010	11:24:07	56.0	60.5	58.8
201	-----	21/02/2010	11:39:07	56.0	60.0	58.8
202	-----	21/02/2010	11:54:07	56.0	60.0	58.2
203	-----	21/02/2010	12:09:07	56.0	61.0	59.6
204	-----	21/02/2010	12:24:07	56.0	60.0	58.6
205	-----	21/02/2010	12:39:07	55.5	60.0	58.6
206	-----	21/02/2010	12:54:07	56.0	59.5	59.1
207	-----	21/02/2010	13:09:07	56.0	60.0	58.9
208	-----	21/02/2010	13:24:07	55.5	59.5	58.2

Period number	Flags	Date	Time	LF90.0	LF10.0	Leq
	(OBPZ)			dB, (A)	dB, (A)	dB, (A)
209	-----	21/02/2010	13:39:07	56.0	60.0	58.3
210	-----	21/02/2010	13:54:07	56.0	60.5	59.2
211	-----	21/02/2010	14:09:07	56.0	60.5	58.7
212	-----	21/02/2010	14:24:07	55.5	60.0	58.6
213	-----	21/02/2010	14:39:07	55.0	62.0	60.2
214	-----	21/02/2010	14:54:07	55.0	60.0	58.2
215	-----	21/02/2010	15:09:07	55.0	60.0	58.4
216	-----	21/02/2010	15:24:07	55.5	60.5	58.5
217	-----	21/02/2010	15:39:07	55.0	60.0	57.8
218	-----	21/02/2010	15:54:07	55.0	60.5	58.7
219	-----	21/02/2010	16:09:07	55.0	59.0	57.5
220	-----	21/02/2010	16:24:07	55.5	59.0	57.9
221	-----	21/02/2010	16:39:07	55.5	60.0	58.4
222	-----	21/02/2010	16:54:07	55.5	60.0	58.0
223	-----	21/02/2010	17:09:07	55.0	59.0	57.4
224	-----	21/02/2010	17:24:07	55.0	58.5	57.4
225	-----	21/02/2010	17:39:07	55.5	60.5	61.4
226	-----	21/02/2010	17:54:07	55.0	59.5	57.9
227	-----	21/02/2010	18:09:07	55.5	61.5	61.1
228	-----	21/02/2010	18:24:07	56.0	59.0	57.7
229	-----	21/02/2010	18:39:07	55.5	61.0	59.6
230	-----	21/02/2010	18:54:07	55.0	59.0	57.8
231	-----	21/02/2010	19:09:07	55.0	58.5	56.9
232	-----	21/02/2010	19:24:07	54.5	59.0	57.2
233	-----	21/02/2010	19:39:07	55.5	59.0	57.8
234	-----	21/02/2010	19:54:07	53.5	58.5	56.5
235	-----	21/02/2010	20:09:07	54.5	59.0	57.7
236	-----	21/02/2010	20:24:07	54.0	59.0	57.3
237	-----	21/02/2010	20:39:07	54.5	59.5	58.4
238	-----	21/02/2010	20:54:07	54.5	59.5	58.2
239	-----	21/02/2010	21:09:07	54.0	60.5	64.3
240	-----	21/02/2010	21:24:07	54.5	61.0	59.1
241	-----	21/02/2010	21:39:07	54.5	58.5	56.9
242	-----	21/02/2010	21:54:07	54.0	59.5	57.6
243	-----	21/02/2010	22:09:07	54.5	60.0	58.2
244	-----	21/02/2010	22:24:07	54.5	58.5	57.0
245	-----	21/02/2010	22:39:07	54.0	58.0	56.5
246	-----	21/02/2010	22:54:07	55.0	58.5	57.1
247	-----	21/02/2010	23:09:07	54.5	59.0	57.1
248	-----	21/02/2010	23:24:07	54.5	59.5	57.3
249	-----	21/02/2010	23:39:07	54.5	60.5	60.6
250	-----	21/02/2010	23:54:07	56.0	61.5	59.2
251	-----	22/02/2010	00:09:07	55.0	61.0	58.5
252	-----	22/02/2010	00:24:07	55.0	59.5	57.9
253	-----	22/02/2010	00:39:07	55.0	60.5	58.1
254	-----	22/02/2010	00:54:07	53.5	58.0	56.1
255	-----	22/02/2010	01:09:07	54.0	58.5	56.6
256	-----	22/02/2010	01:24:07	54.5	60.0	58.0
257	-----	22/02/2010	01:39:07	54.0	59.5	57.5
258	-----	22/02/2010	01:54:07	53.5	58.0	56.3
259	-----	22/02/2010	02:09:07	54.0	58.0	56.5
260	-----	22/02/2010	02:24:07	54.0	59.0	57.0
261	-----	22/02/2010	02:39:07	53.5	59.0	56.9
262	-----	22/02/2010	02:54:07	54.0	59.0	57.2
263	-----	22/02/2010	03:09:07	54.5	62.5	60.6
264	-----	22/02/2010	03:24:07	54.5	59.5	57.9
265	-----	22/02/2010	03:39:07	54.5	60.5	58.7
266	-----	22/02/2010	03:54:07	55.0	61.0	59.0
267	-----	22/02/2010	04:09:07	55.0	63.0	60.7
268	-----	22/02/2010	04:24:07	55.5	64.0	61.5
269	-----	22/02/2010	04:39:07	56.0	66.5	63.3
270	-----	22/02/2010	04:54:07	56.5	64.5	61.6
271	-----	22/02/2010	05:09:07	56.5	64.5	62.2
272	-----	22/02/2010	05:24:07	57.5	65.5	62.9
273	-----	22/02/2010	05:39:07	58.0	66.5	63.7
274	-----	22/02/2010	05:54:07	58.0	66.5	63.6
275	-----	22/02/2010	06:09:07	59.0	68.5	65.4
276	-----	22/02/2010	06:24:07	60.5	71.0	68.1
277	-----	22/02/2010	06:39:07	61.5	71.0	67.9
278	-----	22/02/2010	06:54:07	60.5	69.0	66.4
279	-----	22/02/2010	07:09:07	61.0	69.5	66.5
280	-----	22/02/2010	07:24:07	61.0	69.0	66.2
281	-----	22/02/2010	07:39:07	60.0	67.0	64.5
282	-----	22/02/2010	07:54:07	60.0	66.5	64.4
283	-----	22/02/2010	08:09:07	60.0	64.0	62.6
284	-----	22/02/2010	08:24:07	59.5	63.5	62.4
285	-----	22/02/2010	08:39:07	60.0	64.5	62.7
286	-----	22/02/2010	08:54:07	59.5	65.0	63.3
287	-----	22/02/2010	09:09:07	59.0	65.5	65.1
288	-----	22/02/2010	09:24:07	59.5	63.5	62.6
289	-----	22/02/2010	09:39:07	59.5	63.5	62.8
290	-----	22/02/2010	09:54:07	59.0	63.5	62.4
291	-----	22/02/2010	10:09:07	59.5	63.0	62.2
292	-----	22/02/2010	10:24:07	59.5	66.0	64.4

Period number	Flags	Date	Time	LF90.0	LF10.0	Leq
	(OBPZ)			dB, (A)	dB, (A)	dB, (A)
293	-----	22/02/2010	10:39:07	59.5	64.5	64.9
294	-----	22/02/2010	10:54:07	58.5	63.5	62.1
295	-----	22/02/2010	11:09:07	59.0	62.5	61.6
296	-----	22/02/2010	11:24:07	58.5	62.5	61.4
297	-----	22/02/2010	11:39:07	58.5	63.0	61.5
298	-----	22/02/2010	11:54:07	58.5	63.0	62.5
299	-----	22/02/2010	12:09:07	58.0	62.5	61.4
300	-----	22/02/2010	12:24:07	58.0	62.5	61.0
301	-----	22/02/2010	12:39:07	58.5	62.5	61.1
302	-----	22/02/2010	12:54:07	58.5	62.0	61.1
303	-----	22/02/2010	13:09:07	58.0	63.0	61.9
304	-----	22/02/2010	13:24:07	58.0	62.0	60.9
305	-----	22/02/2010	13:39:07	58.0	65.5	64.5
306	-----	22/02/2010	13:54:07	58.0	63.5	62.1
307	-----	22/02/2010	14:09:07	58.0	63.5	62.1
308	-----	22/02/2010	14:24:07	57.5	61.5	59.9
309	-----	22/02/2010	14:39:07	57.5	63.0	64.7
310	-----	22/02/2010	14:54:07	57.0	61.0	59.7
311	-----	22/02/2010	15:09:07	57.5	62.0	60.2
312	-----	22/02/2010	15:24:07	57.0	62.5	65.5
313	-----	22/02/2010	15:39:07	57.5	61.0	59.6
314	-----	22/02/2010	15:54:07	57.0	63.0	62.2
315	-----	22/02/2010	16:09:07	56.5	61.0	59.2
316	-----	22/02/2010	16:24:07	56.5	61.0	59.4
317	-----	22/02/2010	16:39:07	56.5	62.0	61.2
318	-----	22/02/2010	16:54:07	56.5	60.5	58.9
319	-----	22/02/2010	17:09:07	56.0	61.0	58.9
320	-----	22/02/2010	17:24:07	56.0	60.0	58.5
321	-----	22/02/2010	17:39:07	57.0	62.0	60.8
322	-----	22/02/2010	17:54:07	56.5	60.0	58.6
323	-----	22/02/2010	18:09:07	56.5	60.5	58.7
324	-----	22/02/2010	18:24:07	56.5	61.0	59.5
325	-----	22/02/2010	18:39:07	56.5	62.5	62.9
326	-----	22/02/2010	18:54:07	56.5	61.5	61.8
327	-----	22/02/2010	19:09:07	55.5	61.0	62.5
328	-----	22/02/2010	19:24:07	55.5	59.0	57.6
329	-----	22/02/2010	19:39:07	55.5	59.0	57.6
330	-----	22/02/2010	19:54:07	56.0	60.0	58.3
331	-----	22/02/2010	20:09:07	54.5	59.5	57.5
332	-----	22/02/2010	20:24:07	55.5	60.0	58.2
333	-----	22/02/2010	20:39:07	55.0	60.0	58.1
334	-----	22/02/2010	20:54:07	54.0	59.0	56.9
335	-----	22/02/2010	21:09:07	55.0	59.0	57.5
336	-----	22/02/2010	21:24:07	55.0	59.5	58.0
337	-----	22/02/2010	21:39:07	55.0	58.5	57.7
338	-----	22/02/2010	21:54:07	55.0	59.5	57.8
339	-----	22/02/2010	22:09:07	55.0	60.0	58.8
340	-----	22/02/2010	22:24:07	54.5	59.5	57.3
341	-----	22/02/2010	22:39:07	55.0	59.5	57.6
342	-----	22/02/2010	22:54:07	53.5	58.5	56.7
343	-----	22/02/2010	23:09:07	53.5	58.5	56.5
344	-----	22/02/2010	23:24:07	54.0	60.5	60.8
345	-----	22/02/2010	23:39:07	52.5	58.5	56.0
346	-----	22/02/2010	23:54:07	52.5	59.0	56.5
347	-----	23/02/2010	00:09:07	52.5	58.0	55.6
348	-----	23/02/2010	00:24:07	52.0	57.5	55.5
349	-----	23/02/2010	00:39:07	52.5	58.0	55.8
350	-----	23/02/2010	00:54:07	51.5	57.0	54.7
351	-----	23/02/2010	01:09:07	51.5	57.0	56.7
352	-----	23/02/2010	01:24:07	51.0	56.0	53.8
353	-----	23/02/2010	01:39:07	50.5	56.0	53.8
354	-----	23/02/2010	01:54:07	50.5	55.5	53.6
355	-----	23/02/2010	02:09:07	50.0	55.5	53.6
356	-----	23/02/2010	02:24:07	50.0	56.0	53.4
357	-----	23/02/2010	02:39:07	49.5	56.0	53.6
358	-----	23/02/2010	02:54:07	50.5	56.0	54.4
359	-----	23/02/2010	03:09:07	51.0	56.0	54.3
360	-----	23/02/2010	03:24:07	51.0	56.0	53.9
361	-----	23/02/2010	03:39:07	50.0	56.0	53.8
362	-----	23/02/2010	03:54:07	51.0	56.5	54.2
363	-----	23/02/2010	04:09:07	50.5	56.5	54.2
364	-----	23/02/2010	04:24:07	51.0	56.5	54.4

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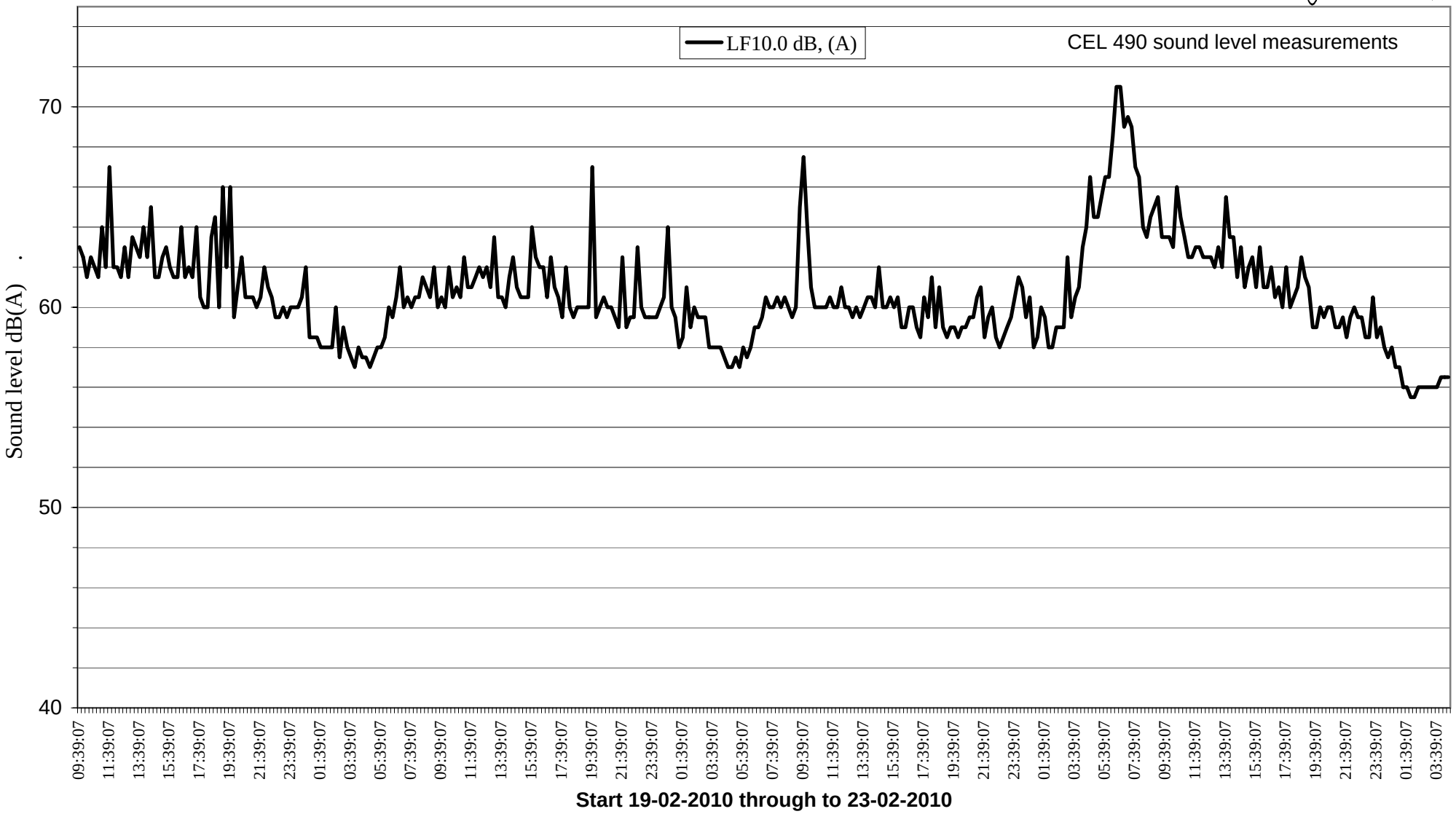

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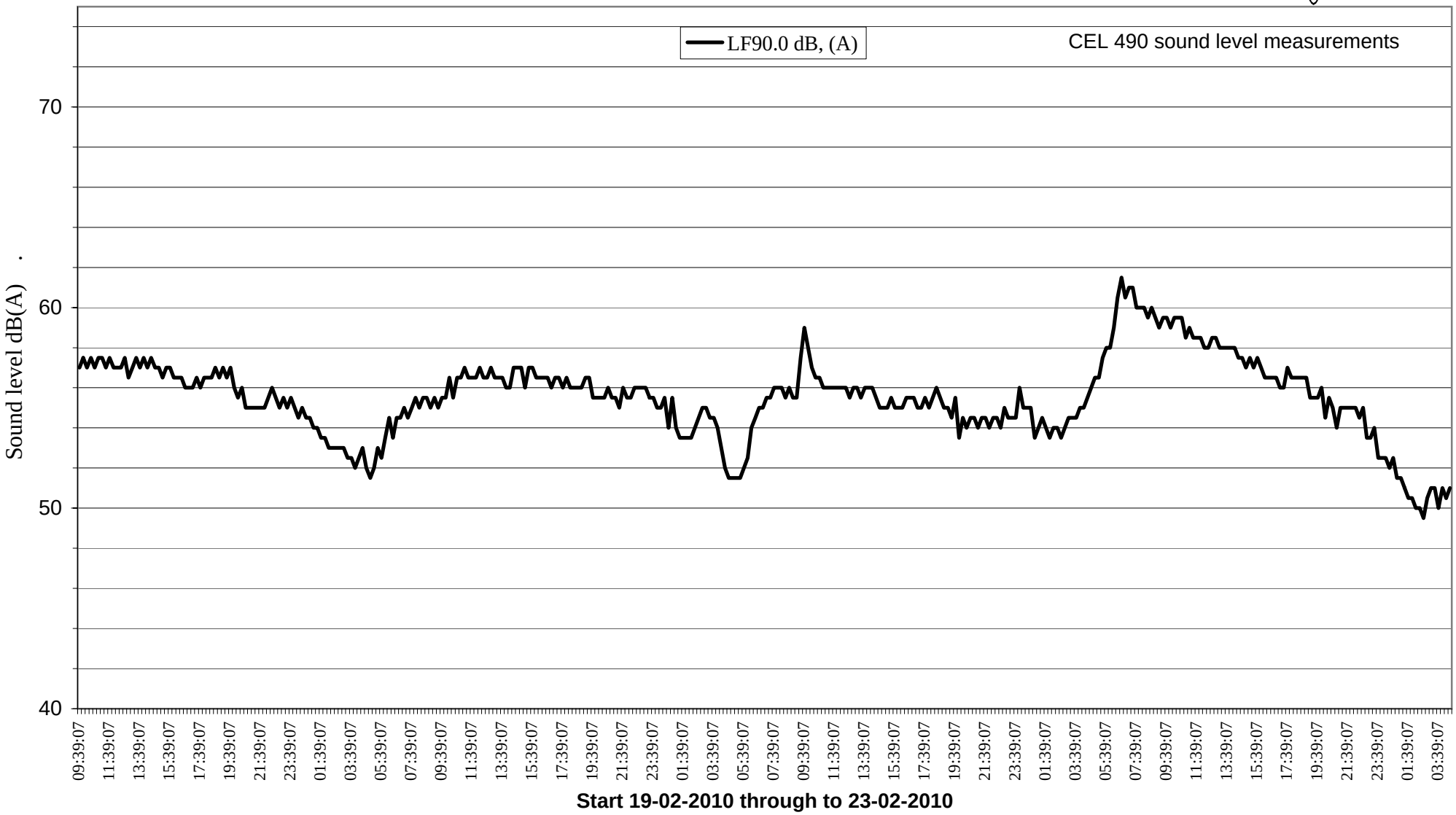

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