From: acp@wld-group.co.uk
Sent: 15 November 2018 08:45
To: 'Joanne Lewis'
Cc: 'Peter Barnett'
Subject: FW: FW: AWDM/0084/18 - Old Shoreham Rd Surgery
Attachments: image003.jpg; image001.png

Flag Status: Flagged

Morning Joanne

I have left a couple of messages for you to call me back regarding this trickle vents issue.

Please see the sound engineers comments below. As this is not just going around in circles, please can you call me today to discuss the issue to resolve this as I feel this is now getting a little bitty for what is being required.

Regards

Alex

ALEX PAGE **MCIAT BSc (HONS)**

T 01903 233 332 Ext 131 | **DF** 01903 206 908 | **E** acp@wld-group.co.uk
1 The Steyne, Worthing, West Sussex, BN11 3DS

Warwick Lane DEVELOPMENTS LTD

From: Martyn Chambers <martynchambers@aasussex.co.uk>
Sent: 14 November 2018 15:48
To: acp@wld-group.co.uk
Cc: George Orton <georgeorton@aasussex.co.uk>
Subject: Re: FW: AWDM/0084/18 - Old Shoreham Rd Surgery

Hi Alex,

I just tried giving you a ring, I think Joanne might be misunderstanding the report. Due to the noise from the A27, we need to provide the residents with an alternative method of ventilation other than opening their windows. If you are going down the trickle vent route we simply need to check that the trickle vents chosen will provide both the acoustic performance and the air changes needed.
Looking through the attachment the Acoustic EHA & EHAS with AEA851 would be able to provide the acoustic performance for the front bedrooms and the Simon Acoustic EHAS for the other living areas.
There is however no details on whether it would be able to provide the necessary air changes, that would need a ventilation engineer or M+E consultant, though the manufacturer may be able to tell you.

Hope this helps.

Kind Regards,

Martyn Chambers
Acoustic Associates Sussex Ltd.
& Sound Solutions Products Ltd.

Tel: +44 (0)1273 455074
DDI: +44 (0)1273 311808
Email (Direct): martynchambers@aasussex.co.uk
Email (General): info@aasussex.co.uk
Web: http://www.aasussex.co.uk
Web: http://www.sndsol.co.uk

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twitter.com/aasussex
linkedin.com/company/acoustic-associates-sussex-ltd
instagram.com/acousticassociates
facebook.com/AcousticAssociates
plus.google.com/+AasussexCoUk

Address: Unit 8 Highdown House, Shoreham Airport, Shoreham-by-Sea, West Sussex, BN43 5PB.

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On Wed, 14 Nov 2018 at 14:55, <acp@wld-group.co.uk> wrote:

> Hi Martyn
>
> This is their response. The details I have provided to them is on the attached.
>
> Regards
>
> Alex
>
> **ALEX PAGE** **MCIAT BSc (HONS)**
>
> **T** 01903 233 332 Ext 131 | **DF** 01903 206 908 | **E** acp@wld-group.co.uk
> 1 The Steyne, Worthing, West Sussex, BN11 3DS

From: Joanne Lewis <joanne.lewis@adur-worthing.gov.uk>
Sent: 14 November 2018 11:51
To: acp@wld-group.co.uk
Cc: Peter Barnett <peter.barnett@adur-worthing.gov.uk>
Subject: Re: AWDM/0084/18 - Old Shoreham Rd Surgery

Good morning

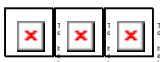
Thanks for your reply. I will await the confirmation on the trickle vents.

According to the report from Acoustics Associates the traffic noise affects the whole property, including the garden and rooms at the rear. The bedrooms are the most sensitive of all the rooms and require sound levels of 30dB hence the requirements for glazing recommendations for all rooms as specified in section 6 of the above mentioned report. Section 5.5 of the report states that a continuos ventilation system would be required so that the required noise levels can be achieved whilst also providing adequate ventilation. The report does not specify that certain rooms will or will not be included in this system and as ventilation at the rear on the ground floor is required it will also be required in all habitable rooms at first floor level, particularly as the bedrooms are a more sensitive use and require a lower sound level so opening the windows for ventilation would not be appropriate.

I hope that makes sense but if you need further advice i suggest you speak to acoustic associates who should be able to explain their recommendations more fully.

Joanne

Joanne Lewis
Environmental Health Technician, Adur & Worthing Councils
Phone: 01273 263113
Email: joanne.lewis@adur-worthing.gov.uk
Website: www.adur-worthing.gov.uk
Portland House, 44 Richmond Road, Worthing, West Sussex, BN11 1HS



On Fri, 9 Nov 2018 at 09:11, <acp@wld-group.co.uk> wrote:

Morning Joanne

Thank you for your email below.

I am clarifying the trickle vents with our sound consultants.

Regarding the bedrooms at first floor, I was under the impression that the extract was only to the ground floor and if not then this should on apply to the front room as the rear bedroom faces the garden and does not front the road, which was the concern with the noise!

Regards

Alex

ALEX PAGE **MCIAT Bsc (HONS)**

T 01903 233 332 Ext 131 | **DF** 01903 206 908 | **E** acp@wld-group.co.uk
1 The Steyne, Worthing, West Sussex, BN11 3DS

From: Joanne Lewis <joanne.lewis@adur-worthing.gov.uk>
Sent: 08 November 2018 12:45
To: acp@wld-group.co.uk; Peter Barnett <peter.barnett@adur-worthing.gov.uk>
Subject: Re: AWDM/0084/18 - Old Shoreham Rd Surgery

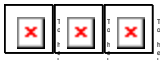
Thank you for the confirmation that the air changes per hour will be sufficient.

Looking at the plans again I can't see the location of any extractor units in the first floor bedrooms, please can you confirm where these will be located.

Additionally, I can see that noise trickle vents are to be installed from our previous correspondence but I need to see written confirmation that the trickle vents will meet the specifications identified in the report by Acoustic Associates Sussex Ltd ref J2548 2018 issue 1 .

Joanne

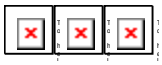
Joanne Lewis
Environmental Health Technician, Adur & Worthing Councils
Phone: 01273 263113
Email: joanne.lewis@adur-worthing.gov.uk
Website: www.adur-worthing.gov.uk
Portland House, 44 Richmond Road, Worthing, West Sussex, BN11 1HS



On Mon, 5 Nov 2018 at 16:16, <acp@wld-group.co.uk> wrote:

> Hi ALL
>
> Please see attached the email confirming that Air Changes per hour from the manufacture.
>
> Regards
>
> Alex
>
> **ALEX PAGE** **MCIAT BSc (HONS)**
>
> **T** 01903 233 332 Ext 131 | **DF** 01903 206 908 | **E** acp@wld-group.co.uk
> 1 The Steyne, Worthing, West Sussex, BN11 3DS
>
> **From:** Peter Barnett <peter.barnett@adur-worthing.gov.uk>
> **Sent:** 17 October 2018 14:08
> **To:** acp@wld-group.co.uk
> **Subject:** Fwd: AWDM/0084/18 - Old Shoreham Rd Surgery
>
> For your attention, thanks

Peter Barnett
Principal Planning Officer, Adur & Worthing Councils
Phone: 01903 221310
Email: peter.barnett@adur-worthing.gov.uk
Website: http://www.adur-worthing.gov.uk
Address: Development Management, Portland House, 44 Richmond Road, Worthing, BN11 1HS



---------- Forwarded message ----------
From: **Joanne Lewis** <joanne.lewis@adur-worthing.gov.uk>
Date: 17 October 2018 at 11:35
Subject: Re: AWDM/0084/18 - Old Shoreham Rd Surgery
To: Peter Barnett <peter.barnett@adur-worthing.gov.uk>

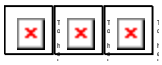
Peter

I need to see some evidence that the proposed ventilation system will achieve the required 4-5 air changes, I dont recall seeing this in anything else that has been submitted but please correct me if I am wrong.

Additionally written confirmation that the trickle vents specified in the acoustic report will be used. I have seen some promotional material for certain glazing but can't see anything about the trickle vents specifically and no written confirmation that these will be used in the development.

Joanne

Joanne Lewis
Environmental Health Technician, Adur & Worthing Councils
Phone: 01273 263113
Email: joanne.lewis@adur-worthing.gov.uk
Website: www.adur-worthing.gov.uk
Portland House, 44 Richmond Road, Worthing, West Sussex, BN11 1HS



,

On Thu, 11 Oct 2018 at 15:10, <acp@wld-group.co.uk> wrote:

> Dear Joanne

We will be supplying noise trickle vents to the windows that are being changed.

This then meeting the air changes per hour and only requiring the ventilation extract as detailed in the plans.

If you require any further information, please let me know.

Regards

Alex

ALEX PAGE **MCIAT Bsc (HONS)**

T 01903 233 332 Ext 131 | **DF** 01903 206 908 | **E** acp@wld-group.co.uk
1 The Steyne, Worthing, West Sussex, BN11 3DS

From: Joanne Lewis <joanne.lewis@adur-worthing.gov.uk>
Sent: 11 October 2018 12:12
To: acp@wld-group.co.uk
Cc: Peter Barnett <peter.barnett@adur-worthing.gov.uk>
Subject: Re: AWDM/0084/18 - Old Shoreham Rd Surgery

Dear Peter

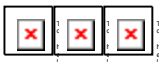
In order to approve the scheme I need some more information on the proposed system as follows;

1. For sufficient thermal comfort the ventilation system needs to be capable of achieving 4-5 air changes per hour for each habitable room in line with NHBC guidance. Please confirm if the proposed system can achieve this.

2. I can not see any information in the plans provided on where fresh air will brought into the properties. Please identify the location of fresh air sources and if trickle vents are to be used please confirm that the specifications of all glazing and trickle vents to be installed will meet those specified in the report from Acoustic Associates Sussex Ltd ref J2548 2018 issue 1. If trickle vents are not used please provide full details of the alternative.

Joanne Lewis

Joanne Lewis
Environmental Health Technician, Adur & Worthing Councils
Phone: 01273 263113
Email: joanne.lewis@adur-worthing.gov.uk
Website: www.adur-worthing.gov.uk
Portland House, 44 Richmond Road, Worthing, West Sussex, BN11 1HS



On Mon, 8 Oct 2018 at 12:13, <acp@wld-group.co.uk> wrote:

> Dear All
>
> Please find attached the specification of the Velux windows and the windows that will be replaced to the front of the property. I have also indicated the ventilation and the exit points for the systems. These were submitted along with the application.
>
> Hopefully, this should answer your questions below.
>
> Regards
>
> Alex
>
> **ALEX PAGE** **MCIAT BSc (HONS)**
>
> **T** 01903 233 332 Ext 131 | **DF** 01903 206 908 | **E** acp@wld-group.co.uk
> 1 The Steyne, Worthing, West Sussex, BN11 3DS
>
> **From:** Peter Barnett <peter.barnett@adur-worthing.gov.uk>
> **Sent:** 02 October 2018 09:48
> **To:** acp@wld-group.co.uk
> **Subject:** Fwd: AWDM/0084/18 - Old Shoreham Rd Surgery
>
> Dear Alex

Please see the EHO comments on the noise scheme, below.

Thanks

Peter Barnett
Principal Planning Officer, Adur & Worthing Councils
Phone: 01903 221310
Email: peter.barnett@adur-worthing.gov.uk
Website: http://www.adur-worthing.gov.uk
Address: Development Management, Portland House, 44 Richmond Road, Worthing, BN11 1HS

---------- Forwarded message ----------
From: **Joanne Lewis** <joanne.lewis@adur-worthing.gov.uk>
Date: 27 September 2018 at 10:07
Subject: Re: AWDM/0084/18 - Old Shoreham Rd Surgery
To: Peter Barnett <peter.barnett@adur-worthing.gov.uk>

Peter

Thank you for forwarding the noise report which I have now read and discussed with colleagues. I have the following issues to raise;

1. Table 5 of the report - the calculated internal ambient noise level shows 32 - which exceeds the guideline level of 30dB, please clarify.

2. Section 5.5 suggests that a continuous ventilation system would be required, section 6 of the report suggests various frames, glazing and trickle vents for the rooms in the property. We consider that trickle vents and glazing options alone are not sufficient to meet the Pro PG guidelines for thermal comfort and ventilation when internal target noise levels can only practically be achieved with windows closed. Section 2.72f as shown below sets out the requirement for full details of the proposed ventilation system to be submitted which is required in this case.

2.72 f) Priority should be given, as part of good acoustic design, to enable the use of openable windows as extensively as is practical across the development site.

Where it is not considered practical to achieve the internal noise level guidelines with windows open a justification should be provided to the LPA setting out the reasons for this. Where it is proposed that

windows need to be closed in order to meet the internal noise guidelines then full details of the proposed ventilation and thermal comfort arrangements must be provided.

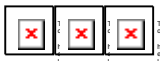
Details of the proposed ventilation system should be submitted for approval and include but not be limited to, details of the system to be installed, location of the ducts and air intakes and as per the Pro PG guidance (*2.38 below) the impact of the noise generated by the system should also be assessed.*

2.38 Where mechanical services are used as part of the ventilation or thermal comfort strategy for the scheme, the impact of

noise generated by these systems on occupants should also be assessed

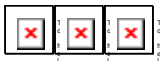
Joanne

Joanne Lewis
Environmental Health Technician, Adur & Worthing Councils
Phone: 01273 263113
Email: joanne.lewis@adur-worthing.gov.uk
Website: www.adur-worthing.gov.uk
Portland House, 44 Richmond Road, Worthing, West Sussex, BN11 1HS



On Wed, 26 Sep 2018 at 11:43, Peter Barnett <peter.barnett@adur-worthing.gov.uk> wrote:

> Joanne
>
> Noise report FYA
>
> Thanks
>
> **Peter Barnett**
> Principal Planning Officer, Adur & Worthing Councils
> Phone: 01903 221310
> Email: peter.barnett@adur-worthing.gov.uk
> Website: http://www.adur-worthing.gov.uk
> Address: Development Management, Portland House, 44 Richmond Road, Worthing, BN11 1HS



---------- Forwarded message ----------
From: <acp@wld-group.co.uk>
Date: 26 September 2018 at 10:59
Subject: RE: AWDM/0084/18 - Old Shoreham Rd Surgery
To: Peter Barnett <peter.barnett@adur-worthing.gov.uk>

Hi Peter

Please find attached the sound report for the noise at the above property.

Should you have any further questions, please let me know.

Regards

Alex

ALEX PAGE **MCIAT Bsc (HONS)**

T 01903 233 332 Ext 131 | **DF** 01903 206 908 | **E** acp@wld-group.co.uk
1 The Steyne, Worthing, West Sussex, BN11 3DS

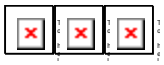
From: Peter Barnett <peter.barnett@adur-worthing.gov.uk>
Sent: 29 August 2018 09:37
To: acp@wld-group.co.uk
Subject: Fwd: AWDM/0084/18 - Old Shoreham Rd Surgery

Dear Mr Page

Further to your recent application for approval of details reserved by condition, please see the comments of our Environmental Health Officer below.

Regards

Peter Barnett
Principal Planning Officer, Adur & Worthing Councils
Phone: 01903 221310
Email: peter.barnett@adur-worthing.gov.uk
Website: http://www.adur-worthing.gov.uk
Address: Development Management, Portland House, 44 Richmond Road, Worthing, BN11 1HS



---------- Forwarded message ----------
From: **Joanne Lewis** <joanne.lewis@adur-worthing.gov.uk>
Date: 22 August 2018 at 15:08
Subject: Re: AWDM/0084/18 - Old Shoreham Rd Surgery
To: Peter Barnett <peter.barnett@adur-worthing.gov.uk>

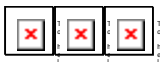
Peter

I can see some information sheets on proposed glazing and velux windows and the plans showing which windows will be changed. However, before I can determine if these will be suitable an acoustic consultant needs to carry out noise monitoring at the property. This will establish the current noise levels during the daytime and nighttime to determine what level of mitigation is required in the different rooms on different floors and facades and therefore whether the proposed measures will be successful in achieving the required levels.

I have attached a list of local acoustic consultants which the applicant may find helpful.

Joanne

Joanne Lewis
Environmental Health Technician, Adur & Worthing Councils
Phone: 01273 263113
Email: joanne.lewis@adur-worthing.gov.uk
Website: www.adur-worthing.gov.uk
Portland House, 44 Richmond Road, Worthing, West Sussex, BN11 1HS



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---------- Forwarded message ----------
From: David Frimpong <David.Frimpong@nuaire.co.uk>
To: <acp@wld-group.co.uk>

Cc: Kathryn Jakab <Kathryn.Jakab@nuaire.co.uk>
Bcc:
Date: Mon, 5 Nov 2018 15:17:49 -0000
Subject: RE: 36-38 Old Shoreham Rd

Hi Alex

Further to our conversation, the reception room has the highest purge rate of 60l/s (5 achs)

The MEV-DC fan can achieve this flow rate installed with circa 20 meters of 220x90 or 150 ductwork and grilles

An MEV-DC fan would be required per space (reception, dining room etc)

Hope this provides the confirmation required, any queries please let me know

Best Regards

David Frimpong

Business Development Manager & Specification Engineer

New Build Residential South East
t 07767298115 e david.frimpong@nuaire.co.uk www.nuaire.co.uk
Nuaire | Western Industrial Estate | Caerphilly | CF83 1NA | United Kingdom

---

From: acp@wld-group.co.uk [mailto:acp@wld-group.co.uk]
Sent: 18 October 2018 16:28
To: Residential Enquiries <Residential.Enquiries@nuaire.co.uk>
Subject: 36-38 Old Shoreham Rd

Dear Sir/Madam

I phoned the other day for some technical information. The product attached we are installing into our property and we need to know if this product will achieve 4-5 air changes per hour please.

If you need any more information, please let me know.

Regards

Alex

ALEX PAGE **MCIAT Bsc (HONS)**

T 01903 233 332 Ext 131 | **DF** 01903 206 908 | **E** acp@wld-group.co.uk
1 The Steyne, Worthing, West Sussex, BN11 3DS

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Warwick Lane DEVELOPMENTS LTD

Acoustic Associates Sussex Ltd.

Chartered Building Consultancy

Sound | Solutions Products Limited