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Save the environment - think before you print.

From: Michael Eastham <Michael.Eastham@arun.gov.uk>

Sent: 04 August 2020 07:04

To: Planning.Responses <Planning.Responses@arun.gov.uk>

Subject: FW: A/85/20/DOC - Manor Nurseries, Angmering (previous App is A/38/18/RES) - EH Further Response

Please upload onto Ocella the email below from the **applicant** regarding Condition 3 of discharge of condition application **A/85/20/DOC** for Manor Nurseries, High Street, Angmering.

Thanks,

Michael

Michael Eastham
Principal Planning Officer,
Planning Department

T: 01903 737772

E: michael.eastham@arun.gov.uk

Arun District Council, Civic Centre, Maltravers Rd, Littlehampton, West Sussex, BN17 5LF
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From: Chris Barker

Sent: 03 August 2020 18:15

To: Michael Eastham <Michael.Eastham@arun.gov.uk>

Dear Michael

Following up from your email and discussions earlier, we consider that the information submitted to discharge Condition 3 pursuant to the RM Consent for this site contains enough information to discharge the condition.

The extract below from our submitted report shows the necessary reduction in dB levels required to be delivered through a combination of uprated glazing and trickle vents, with *'The worst case SRI of 24dBA would be easily exceeded with marginally upgraded acoustic double glazing and acoustic trickle vents'*

5.3.1 Areas Requiring Uprated Glazing/Vents

For the following areas higher performance ventilators and glazing would be required to ensure that the worst case 24dB reduction is achieved on site:

Plots	Facade	Room	Floor
6	East	Lounge	Gnd B
7/6	North	Bedrooms	1 st Flo
25/24	North	Lounge/ Bedrooms	Gnd &
22/23	North	Bedrooms	1 st Flo

Table 4: Areas Requiring Uprated Glazing/Vents

The worst case SRI of 24dBA would be easily exceeded with marginally uprated double glazing and acoustic trickle vents (Possibly trickle vents would be needed more often the case that an MEV system would be preferable.

Example specifications could be as follows:

- Bedroom/Lounge Windows - Rw+Ctr 29dB (Minimum)
- Bedroom/Lounge Window vents - Dn,ew 33dB

Total for all vents I.E if two vents are needed the Dn,e,w of each vent least 36dB

Such dB ratings can be achieved through various 28mm double glazed unit make ups as set out below with our scheme proposing marginally uprated glazing;

Decibel reduction figures

When looking at a 28mm overall thickness with standard glass types, useful decibel reduction figures to note are:

Unit make up	Rw	Ctr	C
4/20/4	30 dB	25 dB	29 dB
6/16/6	33 dB	28 dB	32 dB
6/12/10	37 dB	34 dB	36 dB
6/18/6.4	33 dB	28 dB	32 dB
6/16/6.8A	39 dB	33 dB	37 dB

Acoustic trickle vents such as the below or similar would be utilised to achieve the necessary 33/36dB reduction.

1997

A high quality, ABB acoustic window vent offering 200mm² EA airflow and providing a 40 db DnW sound reduction in the open position.

- 2600mm² Equivalent Area
- 40 db One-W reduction in the open position
- 3 air flow modes with variable open settings
- Modern, rounded design
- Manufactured from high quality, UV-stabilised ABS
- External hand complete with insect grille as standard
- Unique gasket seal design
- Removable shot trickle option as standard
- 3 year manufacturer's guarantee

	White	RGB 255/255/255
	Gray	RGB 70/70/70
	Brown	RGB 207/17/17
	Gold	RGB 255/193/1
	Dark Gray	RGB 70/70/70

Keywords: child abuse; internal validity; external validity

100%

100%

Abstract

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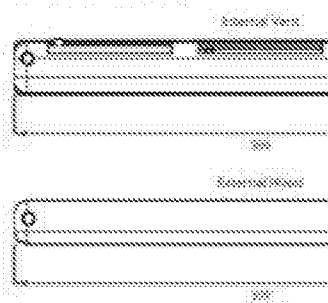
**Phonetic transcription**

Printed on 05/05/2014

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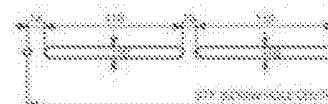
|                      |                    |
|----------------------|--------------------|
| Equivalent Area      | 255mm <sup>2</sup> |
| Concrete Splice Area | 302mm <sup>2</sup> |

**Discussion**

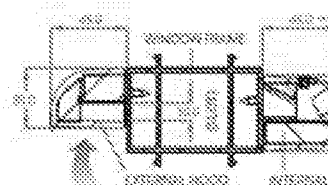








### Cross Section Dimensions



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Acoustics

Under normal conditions the SM ACOUSTIC achieved the following Sound Reduction results:

Position	Acoustic Detail
OPEN	Up to 40 db Dne W
CLOSED	Up to 44 db Dne W
OPEN	Up to Dne W Ctr 39
CLOSED	Up to Dne W Ctr 42

Tested to BS EN ISO 717-1: 1999
& BS EN ISO 10140-2: 2011

Such double glazed window products and trickle vents are readily available to suit the proposed openings on the effected units, and therefore we consider that the condition can be approved subject to compliance with the recommendations of the report, which can be stipulated clearly on any decision notice.

I trust that this clarifies the position, yet if you have any queries please call.

Kind Regards,

Chris Barker MATP MRTPI
Managing Director

ECE Planning

The team at ECE Planning are working from home but very much open for business on the phone, by email and conference calls - Please see contact details below. Please click [here](#) to find out how ECE Planning are responding to COVID-19.



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From: Michael Eastham <Michael.Eastham@arun.gov.uk>

Sent: 03 August 2020 11:57

To: Chris Barker

Subject: RE: A/85/20/DOC - Manor Nurseries, Angmering (previous App is A/38/18/RES) - EH Further Response

Dear Chris,

Please could I work with you to resolve the noise mitigation measures required by Condition 3 which is included in Discharge of Condition application A/85/20/DOC regarding Manor Nurseries, High Street, Angmering?

I look forward to receiving your reply.

Regards,

Michael

Michael Eastham
Principal Planning Officer,
Planning Department

T: 01903 737772

E: michael.eastham@arun.gov.uk

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