

Nicola Spencer

From: Simon Davis
Sent: 28 January 2014 13:09
To: Planning.Responses
Subject: FW: FAO: Mr Wenmoth REF 33 Chichester Road, Bognor - Our Ref BR/11/14
Attachments: PROJECT280114125230.pdf

Additional info from the agents re noise (email & sketch)

From: Kris Robertson [REDACTED]
Sent: 28 January 2014 12:19
To: Simon Davis
Subject: Fwd: FAO: Mr Wenmoth REF 33 Chichester Road, Bognor - Our Ref BR/11/14

Simon,

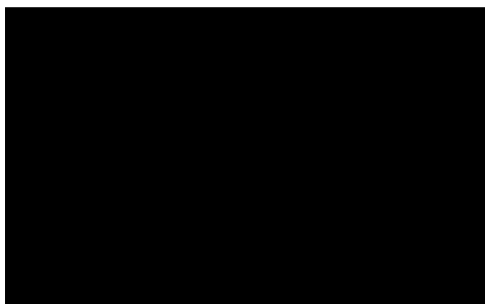
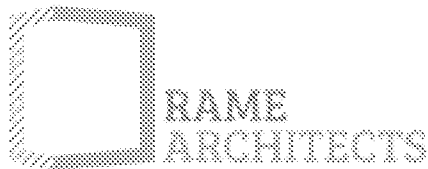
Please find below a response from our noise specialist to the query from Environmental Health including a sketch to demonstrate his findings.

Unfortunately we do not have access to floor plans of the flats above but the locations of windows can be seen on the elevations we have already submitted.

I trust this is satisfactory, however if you need any further information or clarification, please give me a call.

Kind Regards,

Kris Robertson
Associate



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Begin forwarded message:

From: "Tim Meed" <Tim@eecnoisecontrol.co.uk>

Subject: RE: FAO: Mr Wenmoth REF 33 Chichester Road, Bognor - Our Ref BR/11/14

Date: 28 January 2014 12:10:53 GMT

To: "Kris Robertson" <info@ramearchitects.co.uk>

Cc: "Danny Wenmoth" <danny@ramearchitects.co.uk>

Kris,

Please find a sketch attached indicating the screening and distances associated with the windows above the shop and that to 86 Hillsboro behind the site. In summary:

86 Hillsboro

Noise propagation to 86 Hillsboro benefits from distance attenuation at 11m and a maximum grazing incidence screening loss of 5dB.

A minimum relative loss of $20\log(11) + 5\text{dB} = 26\text{dB}$

Dwellings above the shop

Noise propagation to the dwellings above the store is subject to varying distance and screening losses depending on the plant positions.

In the case of least screening, 5dB, the plant is 11m from the residential windows above - a minimum relative loss of $20\log(11) + 5\text{dB} = 26\text{dB}$

In the case of average screening i.e. the centre of the plant area, the plant is 8.5m from the windows and is screened to the tune of at least 9dB a minimum relative loss of $20\log(8.5) + 9\text{dB} = 28\text{dB}$

Thus the windows above the shop are considered to be better protected from the plant noise than those of 86 Hillsboro.

Best regards

Tim Meed MIOA

EEC Ltd

01932 230940