

Sandra Edwards

From: Charlotte Burrows on behalf of Planning.Responses
Sent: 26 October 2017 16:37
To: Planning Scanning
Subject: FW: BE/102/17/PL - Saltbox Bognor Regis-Acoustic Barrier Height.

Please upload as 'correspondence from agent' to file BE/102/17/OUT

Thanks

From: Michael Eastham
Sent: 24 October 2017 17:23
To: Planning.Responses
Subject: FW: BE/102/17/PL - Saltbox Bognor Regis-Acoustic Barrier Height.

Please upload on Ocella.

Thanks,

Michael

From: Nia Russell [REDACTED]
Sent: 24 October 2017 17:11
To: Michael Eastham
Cc: Arfon Hughes
Subject: Fwd: Saltbox Bognor Regis-Acoustic Barrier Height.

Michael,

In answer to your query in relation to the height of the acoustic fencing, please see the response below from the acoustic engineers. I trust that this answers your query in terms of the proposed height of the fence, however please let me know if you require any further information.

I look forward to receiving a copy of your committee report and the agenda next week as discussed.

Thanks very much.

Kind Regards

Nia

Nia Russell
Associate
Mango Planning & Development Limited
Number One Waterton Park
Bridgend CF31 3PH
[REDACTED]
[REDACTED]



Begin forwarded message:

From: Martin Court [REDACTED]
Subject: Saltbox Bognor Regis-Acoustic Barrier Height.
Date: 24 October 2017 at 15:48:43 BST
To: Arfon Hughes [REDACTED] Nia Russell [REDACTED]

Hello Arfon/Nia,

Further to our conversation, we have rerun the SoundPLAN models to show the acoustic performance for 3m height and 4m height acoustic barriers to the north of the site, further to our earlier report. With a 4m high barrier, the L_{Amax} parameter used for night time noise events and potential sleep disturbance enables levels of 45dB as L_{Amax} as an internal level in the nearest residential property bedroom to be met with windows open. This equates to 60dB L_{Amax} outdoors. These figures are referenced within WHO Guidelines and BS8233:2014 for appropriate and desirable internal levels.

If the barrier is reduced to 3m then the level raises to between 62-64 dB L_{Amax} outside which would mean that internal levels would be compromised above the criteria referred to in the WHO guidelines and BS8233:2014.

I hope that this answers your queries but if you need any more information such as pdfs of the models then please let me know.

Kind Regards

Martin

Martin Court MIOA
Consultant

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Regional locations: South England (Head Office), North England, Wales, Scotland



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