

Morris, Rachael

From: Wedgbury, Stuart
Sent: 26 June 2024 08:28
To: Morris, Rachael
Subject: RE: Netley 2 Grange Road - Planning conditions - Noise Report - DC/24/96690

Morning Rachel

Yes, I think that is sufficiently transparent. We can now be satisfied that it is likely that the LPA internal noise criteria would be achieved in the habitable rooms of the outstanding plots. I therefore have no objection to discharging the condition.

Regards

Stuart Wedgbury

Stuart Wedgbury
Environmental Health Specialist
Planning & Environment - Pollution
Ext.: 8353
Mobile: 07721572764

From: Morris, Rachael <Rachael.Morris@eastleigh.gov.uk>
Sent: Wednesday, June 26, 2024 8:01 AM
To: Wedgbury, Stuart <Stuart.Wedgbury@eastleigh.gov.uk>
Subject: FW: Netley 2 Grange Road - Planning conditions - Noise Report - DC/24/96690

Hi Stuart,

Please see the below which is also in response to your comments, in addition to what I sent through yesterday.

Please let me know your updated comments.

Many thanks,
Rachael

Rachael Morris
Senior Planning Officer
Planning & Environment - Planning/Development Management
Ext.: 8463

From: Robert Healy <robert.healy@eliviahomes.co.uk>
Sent: Tuesday, June 25, 2024 5:51 PM
To: Morris, Rachael <Rachael.Morris@eastleigh.gov.uk>
Subject: FW: Netley 2 Grange Road - Planning conditions - Noise Report - DC/24/96690

Afternoon Rachael,

Please see bellow email from out sound tester regarding conditions 9 &10.

Kind regards

Robert Healy

Architectural Technologist | Elivia Homes Southern

DD 01489 773 569 **T** 01489 773 577 **W** www.eliviahomes.co.uk



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From: Brian Scrivener <brian@soundadviceacoustics.co.uk>

Sent: Tuesday, June 25, 2024 5:19 PM

To: Robert Healy <robert.healy@eliviahomes.co.uk>

Subject: RE: Netley 2 Grange Road - Planning conditions - Noise Report - DC/24/96690

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Robert

Happy to confirm the following:-

1. The test data reported is for Plot 18 and 22 where noise levels were measured within a living room and a bedroom in each case. This is described as the 'worst case'. Can the consultant confirm that in determining this as the worst case; account has been taken of all the following: external noise levels; size of room; area of glazing; position of glazing; glazing product installed; size of passive vents; number of passive vents; vent products installed in plots 1; 2;15-22; 83-89. In other words, confirm that we can reasonably expect internal noise levels in these sample rooms to be the highest in the habitable rooms in all the outstanding plots. So long as the consultant has

considered all these factors in selecting the sample rooms then I can be satisfied that data collected is sufficient to assess whether acceptable acoustic standards would likely be achieved in all habitable rooms in all the outstanding plots.

Plots 18 & 22 were evaluated as worst case for the following reasons and we therefore consider that if these plots achieve the targeted internal noise levels, all other habitable rooms affected will also be compliant:-

- **These plots were closest to the main road.**
- **The lounges had the largest surface area of glazing compared to other plots and therefore proportionally sized trickle vents.**
- **These windows faced directly at the main road and not angular.**

2. The Local Plan acoustic criteria are applicable with the passive ventilation system in operation (i.e. open) to provide background ventilation. Can the consultant confirm that all passive vents in the test rooms were fully open during the whole measurement period in each case. That being so, I am satisfied that the Local Plan acoustic criteria would likely be achieved in the sample rooms.

Apologise I didn't state this within the report but yes, the trickle vents were fully open during the test period. The initial calculations were made with them open as per the requirements of BS 8233: 2014 and therefore any compliance testing is always carried out with them open for direct comparative purposes.

3. Can the consultant describe the likely room absorption present during the test to assist in interpretation of the results. In other words were the test rooms furnished or unfurnished? Unfurnished rooms for example, will have a higher reverberation time than typical furnished habitable rooms, resulting in higher internal noise levels compared to furnished rooms. The assessment should relate to conditions in a typically furnished room (conventionally with a reverberation time (RT) of 0.5 s). Given the data presented and the wide margin of compliance suggested; the RT does not necessarily need to be reported. However, for transparency a description of the room conditions during the test should be provided.

Normally when we analyse these results, we also calculate the reverberation time within the rooms and apply an acoustic correction to the data to account for the fact that they were empty, unfurnished and without carpets or other floor finishings during these tests. Again, apologise for not stating this within the report. This correction lowers the captured noise data and gives us the noise levels that would be experienced once the rooms were furnished. However, when we processed the data, the noise levels were sufficiently lower than the criteria and there seemed no point in applying any further reductions.

This should clarify these point, but please let me know if Stuart Wedgbury needs anything else. We've worked alongside him for many years and have a good working relationship so happy to assist further if needed.

Don't forget we do the sound and air testing as well. Just fishing for wort 😊

Kind Regards

Brian Scrivener (MIOA)

Managing Director
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From: Robert Healy <robert.healy@eliviahomes.co.uk>
Sent: Tuesday, June 25, 2024 9:42 AM
To: Brian Scrivener <brian@soundadviceacoustics.co.uk>
Subject: FW: Netley 2 Grange Road - Planning conditions - Noise Report - DC/24/96690

Morning Brian,

Could you have a look at the bellow email for us.

If I could get a statement that I could give the planers to satisfy there concerns that would be great.

Kind regards

Robert Healy
Architectural Technologist | Elivia Homes Southern
DD 01489 773 569 **T** 01489 773 577 **W** www.eliviahomes.co.uk



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From: Morris, Rachael <Rachael.Morris@eastleigh.gov.uk>
Sent: Tuesday, June 25, 2024 9:37 AM
To: Robert Healy <robert.healy@eliviahomes.co.uk>
Subject: FW: Netley 2 Grange Road - Planning conditions - Noise Report - DC/24/96690

Hi Robert,

Please see the below from our noise consultant where some clarifications are needed.

Thank you.

Kind regards,
Rachael

Rachael Morris
Senior Planning Officer

Planning & Environment - Planning/Development Management
023 8068 8463



Eastleigh Borough Council | Eastleigh House | Upper Market Street | Eastleigh | SO50 9YN

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Eastleigh Borough Council

From: Wedgbury, Stuart <Stuart.Wedgbury@eastleigh.gov.uk>
Sent: Tuesday, June 25, 2024 9:03 AM
To: Morris, Rachael <Rachael.Morris@eastleigh.gov.uk>
Subject: RE: Netley 2 Grange Road - Planning conditions - Noise Report - DC/24/96690

Morning Rachel,

So with reference to our last email exchange, the outstanding matters in respect of my interest relates to the acoustic performance of double glazing and passive vents installed in Plots: 1; 2;15-22; 83-89. It appeared that the glazing and passive vents products installed in these plots were in some regards not compliant with the original specifications set out in the earlier 2019 acoustic report. Also, it appeared from earlier submissions that different products were installed in different plots.

The latest submitted report SA-7809 dated June 2024 seeks to satisfy conditions 9 and 10 by post-construction testing in two sample rooms. The general approach adopted is in my opinion satisfactory in the circumstances. However, the consultant needs to explicitly confirm a few matters before I can be satisfied in respect of the acoustic performance in all the outstanding plots. This hopefully will be a straightforward matter.

The issues requiring clarification are:

1. The test data reported is for Plot 18 and 22 where noise levels were measured within a living room and a bedroom in each case. This is described as the 'worst case'. Can the consultant confirm that

in determining this as the worst case; account has been taken of all the following: external noise levels; size of room; area of glazing; position of glazing; glazing product installed; size of passive vents; number of passive vents; vent products installed in plots 1; 2;15-22; 83-89. In other words, confirm that we can reasonably expect internal noise levels in these sample rooms to be the highest in the habitable rooms in all the outstanding plots. So long as the consultant has considered all these factors in selecting the sample rooms then I can be satisfied that data collected is sufficient to assess whether acceptable acoustic standards would likely be achieved in all habitable rooms in all the outstanding plots.

2. The Local Plan acoustic criteria are applicable with the passive ventilation system in operation (i.e. open) to provide background ventilation. Can the consultant confirm that all passive vents in the test rooms were fully open during the whole measurement period in each case. That being so, I am satisfied that the Local Plan acoustic criteria would likely be achieved in the sample rooms.
3. Can the consultant describe the likely room absorption present during the test to assist in interpretation of the results. In other words were the test rooms furnished or unfurnished? Unfurnished rooms for example, will have a higher reverberation time than typical furnished habitable rooms, resulting in higher internal noise levels compared to furnished rooms. The assessment should relate to conditions in a typically furnished room (conventionally with a reverberation time (RT) of 0.5 s). Given the data presented and the wide margin of compliance suggested; the RT does not necessarily need to be reported. However, for transparency a description of the room conditions during the test should be provided.

Regards

Stuart Wedgbury

Stuart Wedgbury
Environmental Health Specialist
Planning & Environment - Pollution
Ext.: 8353
Mobile: 07721572764

From: Morris, Rachael <Rachael.Morris@eastleigh.gov.uk>
Sent: Friday, June 21, 2024 2:11 PM
To: Wedgbury, Stuart <Stuart.Wedgbury@eastleigh.gov.uk>
Subject: FW: Netley 2 Grange Road - Planning conditions - Noise Report - DC/24/96690

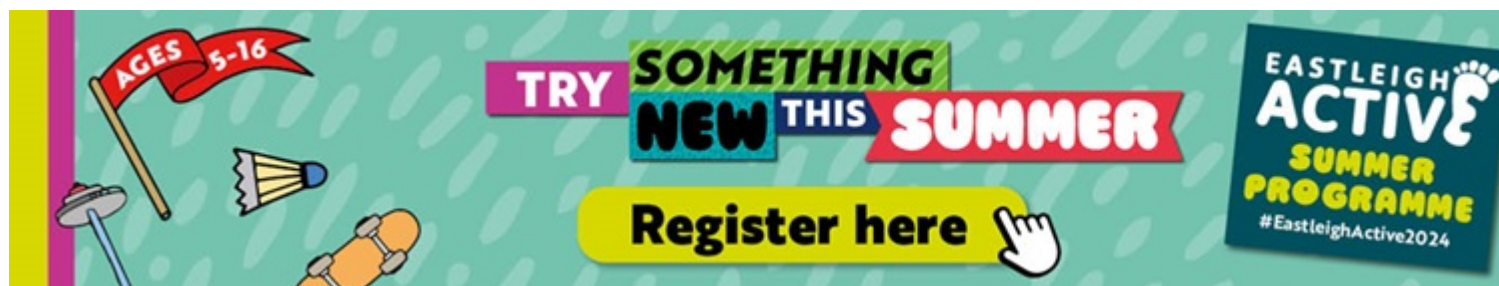
Hi Stuart,

Please see this updated report for the above site which you have commented on previously. Please let me know of your updated comments.

Many thanks,
Rachael

Rachael Morris
Senior Planning Officer
Planning & Environment - Planning/Development Management

Ext.: 8463



From: Robert Healy <robert.healy@eliviahomes.co.uk>
Sent: Friday, June 21, 2024 2:06 PM
To: Morris, Rachael <Rachael.Morris@eastleigh.gov.uk>
Subject: Netley 2 Grange Road - Planning conditions - Noise Report

Afternoon Rachael,

Please find attached Acoustic Report, following the onsite testing that we had carried out.

Kind regards

Robert Healy
Architectural Technologist | Elivia Homes Southern
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From: Brian Scrivener <brian@soundadviceacoustics.co.uk>
Sent: Friday, June 21, 2024 1:26 PM
To: Robert Healy <robert.healy@eliviahomes.co.uk>
Subject: Noise Report

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Robert

Please find attached the completed noise report as requested.

I trust the information is of value and should you require anything further then please do not hesitate to contact me.

Kind Regards

Brian Scrivener (MIOA)

Managing Director
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