

Michelle Houghton

From: David Eaves
Sent: 28 March 2013 12:53
To: bst shared
Subject: FW: Bedhampton Arts Centre APP/12/01105 and APP/12/01104

Hi

Please add email below to both applications on Meridio and Web. Please note the above reference numbers are correct.

thanks

David

From: Chris Flint [mailto:chris@cfaltd.co.uk]
Sent: 09 March 2013 12:09
To: David Eaves
Cc: 'Graham Parrett'
Subject: RE: Bedhampton Arts Centre APP/12/01273 and APP/12/01274

David,

Please find attached annotated elevation and floor plans to identify the windows. As previously issued Pilkington Glass data sheets for Optiphon confirm that the insulating sealed units proposed 6 – 12 – 6.8 achieve **38db** as required by the acoustic report item 6.4

6.4 “ A typical double glazed window has a sound reduction of between 30-35dB. The windows to be installed must have a sound reduction equal to or more than 35dB”.

Regards

CHRIS FLINT BSc (Hons) MRICS
DIRECTOR
M: 07816 84 7757

CHRIS FLINT ASSOCIATES LTD

T: 023 92 432 484 F: 023 92 358 554

CHRIS FLINT ASSOCIATES LTD
2 EMERALD CLOSE
WATERLOOVILLE
HANTS
PO7 8NZ:

 Web: www.chrisflintassociates.co.uk

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From: David Eaves [mailto:David.Eaves@havant.gov.uk]
Sent: 08 March 2013 12:52
To: 'Chris Flint'
Subject: FW: Bedhampton Arts Centre APP/12/01273 and APP/12/01274

Chris

As discussed please provide the clarification of the internal noise level achieved with the glazing proposed and the detailing of window positioned as detailed by John Townsend below:

How to wrap up.

Best done with elevation drawing, already available, numbered in conventional manner to identify windows i.e WG1, WG2, WF1, WF2 etc. This can simply be cross referenced to schedule and typical detail.

Regards

David Eaves

David Eaves
Senior Planning Officer
Development Control
Havant Borough Council
Public Service Plaza
Havant
PO9 2AX
Direct Line: 02392 446549
David.eaves@havant.gov.uk

From: John Townsend
Sent: 01 March 2013 16:32
To: David Eaves
Subject: RE: Bedhampton Arts Centre APP/12/01273 and APP/12/01274

David,

As discussed, from the information supplied it appears that a sealed double glazed unit is just about feasible. The unit proposed is thicker than what I quoted in my email. Two aspects remain unclear. (1) Will the d/g unit proposed meet the noise reduction required? If not the solution for the street frontage is academic. Has any discussion taken place with a specialist glass supplier? (2) I do not understand the implication of the note "All existing upper casements to be replaced by fixed glazing..." Nothing is provided to elaborate. A marked up elevation and explanation would certainly help. The presumption is that all the panes in the windows identified will be replaced as d/g units. I have left messages on the Agent's landline and mobile. If I do not have the opportunity to discuss direct, this email is second best.

John Townsend
Conservation Consultant
Development Control
Havant Borough Council
Public Service Plaza
Civic Centre Road
Havant
PO9 2AX

(Fridays only)

From: Chris Flint [<mailto:chris@cfaltd.co.uk>]
Sent: 28 February 2013 17:13
To: David Eaves
Cc: John Townsend
Subject: RE: Bedhampton Arts Centre APP/12/01273 and APP/12/01274

Dear David/John,

Please find attached additional information regarding the windows in support of the above applications, should you have any questions please feel free to come back to me.

Regards

CHRIS FLINT BSc (Hons) MRICS
DIRECTOR
M: 07816 84 7757

CHRIS FLINT ASSOCIATES LTD

T: 023 92 432 484 F: 023 92 358 554

CHRIS FLINT ASSOCIATES LTD
2 EMERALD CLOSE
WATERLOOVILLE
HANTS
PO7 8NZ;

 Web: www.chrisflintassociates.co.uk

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From: David Eaves [<mailto:David.Eaves@havant.gov.uk>]
Sent: 25 February 2013 14:47
To: 'Chris Flint'
Cc: John Townsend
Subject: FW: Bedhampton Arts Centre APP/12/01273 and APP/12/01274

Dear Mr Flint,

Please find below John Townsends comments which I trust will enable the window detailing to be moved forward.

Soundproofing

1. *To meet Env. Health requirements additional works will be required to mitigate the traffic noise.*
2. *To ensure the mechanism for satisfying this requirement is acceptable in listed building terms the practical impact as to how it is to be achieved needs to be fleshed out.*
3. *The objective should be to work with the current design and find benign methods to enhance performance.*
4. *There are potentially two avenues to explore (1) secondary glazing and (2) upgrading the glass in the present windows.*

5. **(1) Secondary glazing.** For standard windows in a domestic dwelling without any interior fitting e.g shutters, panelled reveals etc, secondary glazing is often the preferred option. It can sit neatly in the reveal, does not require modification of the window (loss of historic glass or compromising glazing bars), and in theory is readily reversible. Some information has been provided by Selectaglaze, which I am happy to review. What I am lacking is a marked up window plans with reference no.s to correlate to the Selectaglaze specification.

The School building has characteristic very large window openings and uses inward opening high level hopper windows which are a strong feature of the design. There is a conflict with this design and secondary glazing. Modifying the window openings removes one of the key benefits otherwise attributed to secondary glazing. If maintained to be in working order, the provision of ventilation using the current arrangement should not be a problem. The potential conflict arises with the inward opening mechanism and the gap between the window and secondary glazing. The approach should be to make the enhancement work with the existing window arrangement, rather than amending the window design to suite a particular product. Fixing shut the windows does not resolve the issue, as an alternative form of ventilation will be required.

(2) Upgrading Glazing Given the potential conflicts identified with secondary glazing it is relevant to consider alternative options. The windows are multi-paned, contain no glazing bars or historic glass. The frames themselves are relatively chunky. This raises the possibility of retaining the frames and window mechanism and replacing the glass. I have spoken to Julian Selby at Timbalite (0800 043 1054) who has technical expertise in this field. Thermal and sound enhancement is potentially possible using a slim double glazed unit (possibly 6.4mm (lamine), 6mm spacer 6mm float glass). The feasibility requires further assessment and will depend on the actual depth of frame, and precise db reduction required. The Agent in consultation with the Noise Consultant should have access to all the relevant information. This is therefore something for the Agent to pursue. I have gone as far I can reasonably can to facilitate. The Agent is not obliged to use Timberlite, they are simply a Company that produce slimmer d/g units and are involved in installations in London where noise is an issue.

The potential advantage of the slim d/g solution is it will allow the windows to operate as designed without the need create secondary frames, or find alternative means of ventilation.

On production of the above I can provide a clearer steer. In the meantime I must leave matters in abeyance.

Given the above comments I would ask you to provide further details in relation to the proposed window treatments with an appropriately marked up key plan numbering the windows and the solution put forward. This should also address how the proposed design will achieve the required noise reduction for units 1 and 2.

Regards

David Eaves

David Eaves
Senior Planning Officer
Development Control
Havant Borough Council
Public Service Plaza
Havant
PO9 2AX
Direct Line: 02392 446549
David.eaves@havant.gov.uk

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